

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041825\
 Data File : VN086352.D
 Acq On : 18 Apr 2025 18:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/21/2025
 Supervised By : Mahesh Dadoda 04/21/2025

Quant Time: Apr 19 02:30:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	179521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	343427	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	305105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	144117	55.361	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.720%			
35) Dibromofluoromethane	8.159	113	80893	50.752	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.500%			
50) Toluene-d8	10.565	98	451149	52.961	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.920%			
62) 4-Bromofluorobenzene	12.847	95	164711	53.012	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	105936	49.780	ug/l	99
3) Chloromethane	2.359	50	142464	46.062	ug/l	100
4) Vinyl Chloride	2.518	62	141665	47.999	ug/l	100
5) Bromomethane	2.948	94	72622	54.703	ug/l	97
6) Chloroethane	3.118	64	94195	47.686	ug/l	98
7) Trichlorofluoromethane	3.500	101	167433	51.214	ug/l	98
8) Diethyl Ether	3.959	74	70492	49.391	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	99170	50.144	ug/l	99
10) Methyl Iodide	4.589	142	122888	56.518	ug/l	100
11) Tert butyl alcohol	5.512	59	113616	239.202	ug/l	99
12) 1,1-Dichloroethene	4.342	96	103044	48.768	ug/l	96
13) Acrolein	4.177	56	62869	286.029	ug/l	98
14) Allyl chloride	5.024	41	163287	43.472	ug/l	96
15) Acrylonitrile	5.712	53	292649	249.240	ug/l	100
16) Acetone	4.424	43	233746	259.932	ug/l	96
17) Carbon Disulfide	4.712	76	265669	41.992	ug/l	99
18) Methyl Acetate	5.024	43	149852	47.955	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	391576	50.415	ug/l	99
20) Methylene Chloride	5.271	84	118984	49.441	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	109184	49.426	ug/l	95
22) Diisopropyl ether	6.671	45	399777	48.926	ug/l	99
23) Vinyl Acetate	6.600	43	1374686	240.668	ug/l	99
24) 1,1-Dichloroethane	6.565	63	218555	50.694	ug/l	98
25) 2-Butanone	7.477	43	394515	243.472	ug/l	98
26) 2,2-Dichloropropane	7.483	77	167174	43.308	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	138186	50.400	ug/l	96
28) Bromochloromethane	7.812	49	91245	49.915	ug/l	97
29) Tetrahydrofuran	7.835	42	257843	237.961	ug/l	98
30) Chloroform	7.965	83	220038	51.956	ug/l	98
31) Cyclohexane	8.253	56	193656	45.904	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	188343	51.986	ug/l	99
36) 1,1-Dichloropropene	8.371	75	154014	48.378	ug/l	99
37) Ethyl Acetate	7.553	43	156569	46.714	ug/l	99
38) Carbon Tetrachloride	8.359	117	153683	50.691	ug/l	99
39) Methylcyclohexane	9.594	83	173274	45.792	ug/l	99
40) Benzene	8.600	78	503344	49.348	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	93384	48.074	ug/l	98
42) 1,2-Dichloroethane	8.671	62	165084	50.753	ug/l	99
43) Isopropyl Acetate	8.682	43	312304	52.237	ug/l	98
44) Trichloroethene	9.347	130	117958	48.792	ug/l	99
45) 1,2-Dichloropropane	9.618	63	122922	49.232	ug/l	98
46) Dibromomethane	9.706	93	82460	51.835	ug/l	98
47) Bromodichloromethane	9.882	83	175928	51.204	ug/l	96
48) Methyl methacrylate	9.677	41	138232	46.965	ug/l	97
49) 1,4-Dioxane	9.694	88	48773	974.199	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	838695	244.370	ug/l	98
52) Toluene	10.629	92	320021	50.283	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	192559	50.206	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	201691	47.878	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	116870	51.038	ug/l	94
56) Ethyl methacrylate	10.871	69	211380	50.219	ug/l	98
57) 1,3-Dichloropropane	11.159	76	206797	50.901	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	481279	240.905	ug/l	99
59) 2-Hexanone	11.194	43	621138	243.997	ug/l	100
60) Dibromochloromethane	11.359	129	131028	52.109	ug/l	100
61) 1,2-Dibromoethane	11.465	107	119056	51.527	ug/l	100
64) Tetrachloroethene	11.100	164	109569	46.687	ug/l	99
65) Chlorobenzene	11.888	112	341911	50.215	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	115666	51.493	ug/l	100
67) Ethyl Benzene	11.959	91	617490	50.256	ug/l	100
68) m/p-Xylenes	12.065	106	465785	101.173	ug/l	99
69) o-Xylene	12.394	106	231160	50.772	ug/l	99
70) Styrene	12.406	104	393142	51.824	ug/l	99
71) Bromoform	12.576	173	86596	51.204	ug/l #	99
73) Isopropylbenzene	12.694	105	569378	48.568	ug/l	100
74) N-amyl acetate	12.488	43	270421	46.335	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	169668	50.335	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	161080m	47.629	ug/l	
77) Bromobenzene	12.976	156	128574	49.498	ug/l	98
78) n-propylbenzene	13.029	91	665697	48.189	ug/l	100
79) 2-Chlorotoluene	13.123	91	418650	48.431	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	470098	48.993	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	65676m	46.638	ug/l	
82) 4-Chlorotoluene	13.217	91	415279	48.362	ug/l	99
83) tert-Butylbenzene	13.435	119	399578	48.061	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	477910	48.931	ug/l	100
85) sec-Butylbenzene	13.612	105	557574	48.350	ug/l	100
86) p-Isopropyltoluene	13.723	119	460590	48.456	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	241649	49.487	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	245497	49.915	ug/l	99
89) n-Butylbenzene	14.053	91	391489	46.466	ug/l	98
90) Hexachloroethane	14.329	117	79463	49.700	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	243354	51.403	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	35611	52.395	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	114132	50.346	ug/l	100
94) Hexachlorobutadiene	15.500	225	40826	47.708	ug/l	97
95) Naphthalene	15.635	128	414358	51.562	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	107271	49.981	ug/l	99

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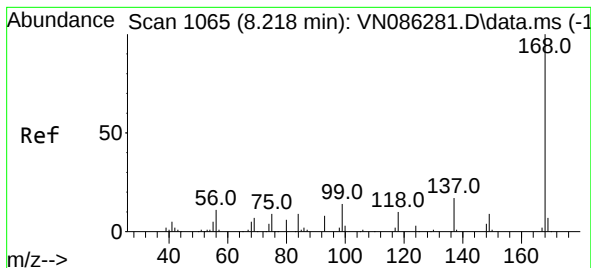
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/21/2025

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Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

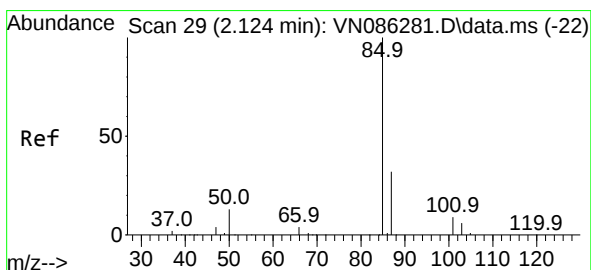
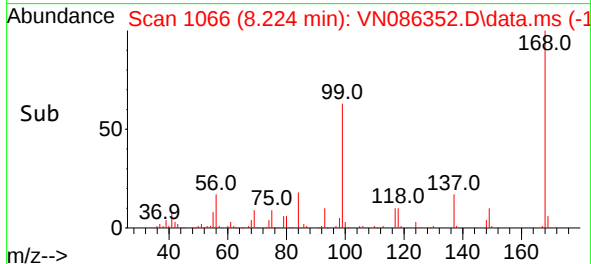
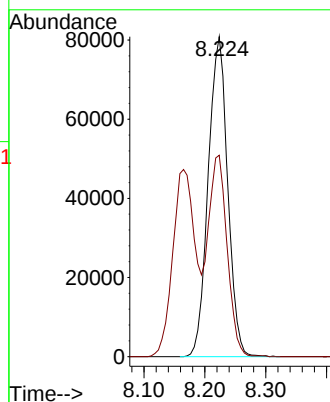
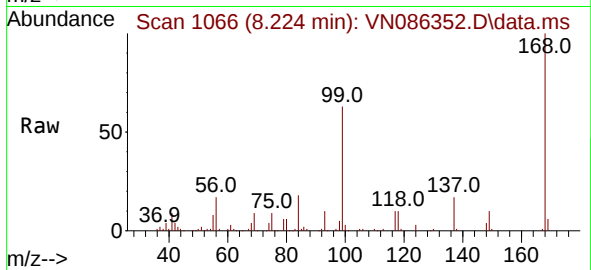
VSTDCCC050EC

Tgt Ion:168 Resp: 17952
Ion Ratio Lower Upper
168 100
99 62.9 52.5 78.7

Manual Integrations

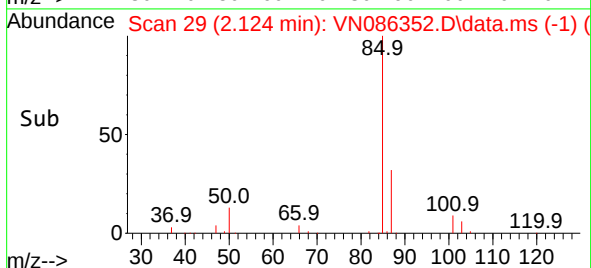
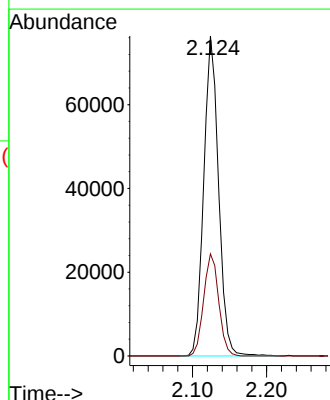
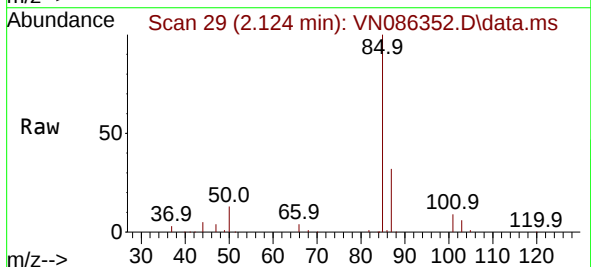
APPROVED

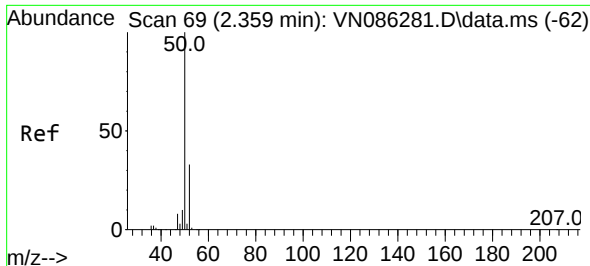
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#2
Dichlorodifluoromethane
Concen: 49.780 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

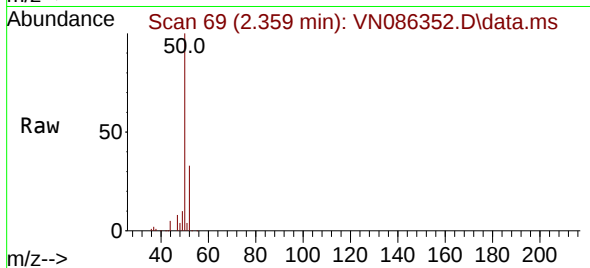
Tgt Ion: 85 Resp: 105936
Ion Ratio Lower Upper
85 100
87 31.9 16.3 48.8





#3
Chloromethane
Concen: 46.062 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

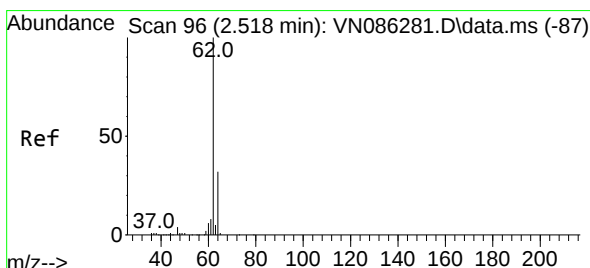
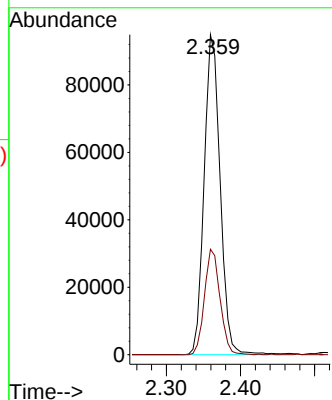
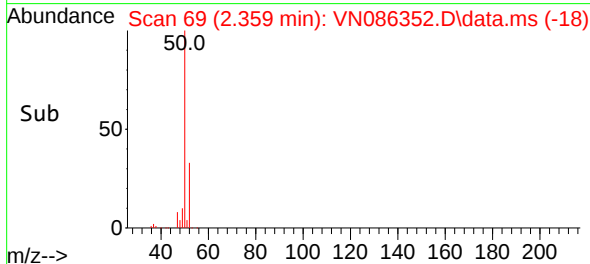
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Tgt Ion: 50 Resp: 142464
Ion Ratio Lower Upper
50 100
52 32.9 26.5 39.7

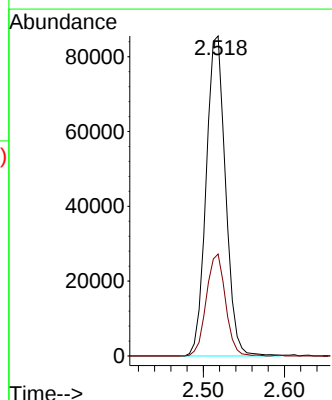
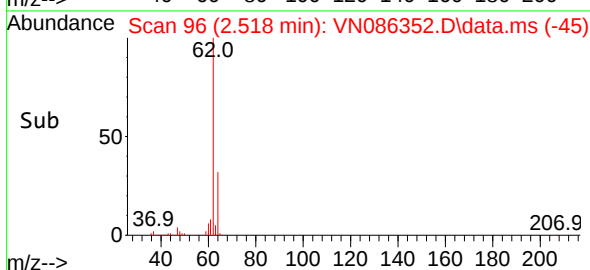
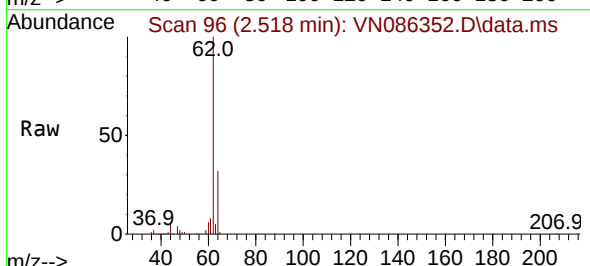
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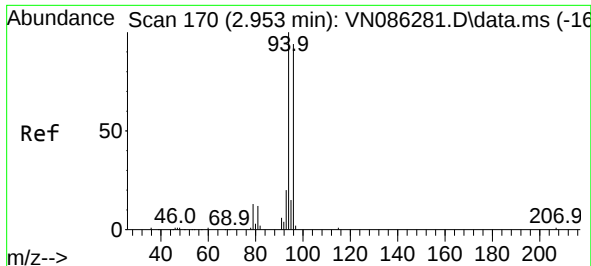
Reviewed By :John Carlone 04/21/2025
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#4
Vinyl Chloride
Concen: 47.999 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

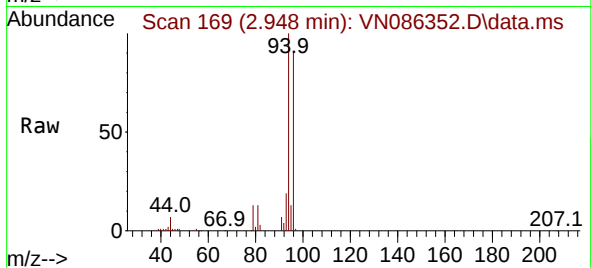
Tgt Ion: 62 Resp: 141665
Ion Ratio Lower Upper
62 100
64 31.9 25.6 38.4





#5
Bromomethane
Concen: 54.703 ug/l
RT: 2.948 min Scan# 170
Delta R.T. -0.006 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

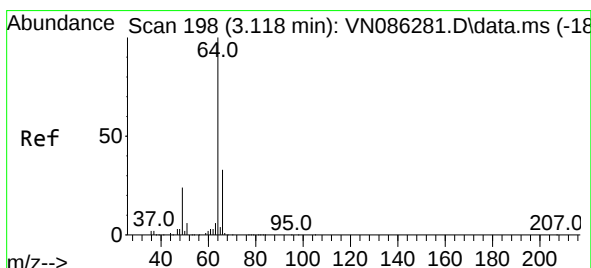
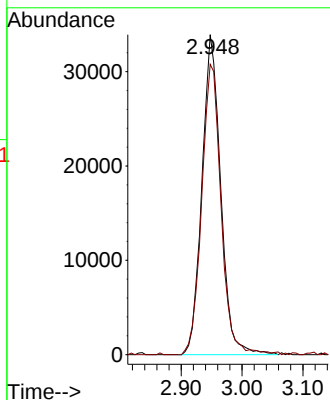
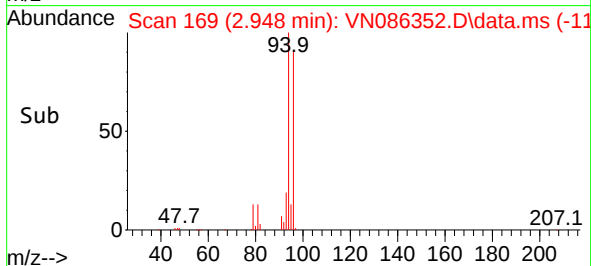
Instrument :
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Tgt Ion: 94 Resp: 7262
Ion Ratio Lower Upper
94 100
96 90.7 75.2 112.8

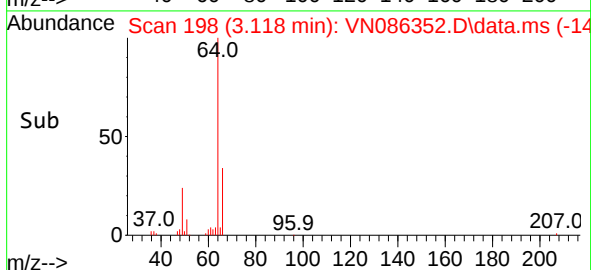
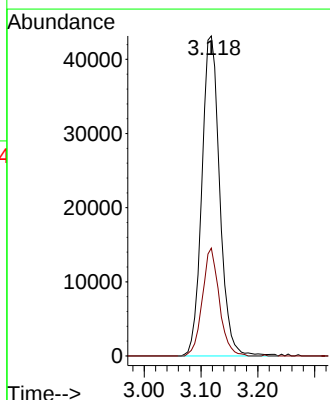
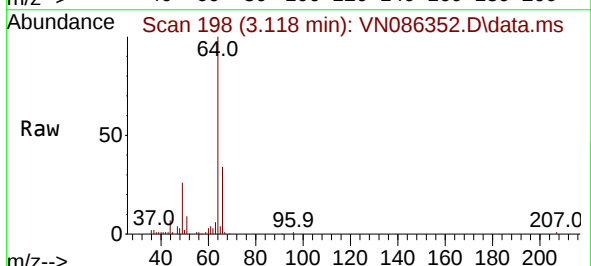
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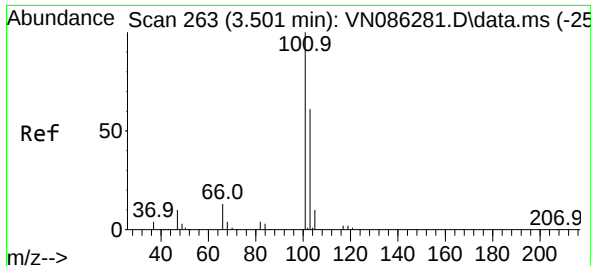
Reviewed By :John Carlone 04/21/2025
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#6
Chloroethane
Concen: 47.686 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

Tgt Ion: 64 Resp: 94195
Ion Ratio Lower Upper
64 100
66 33.7 26.2 39.2





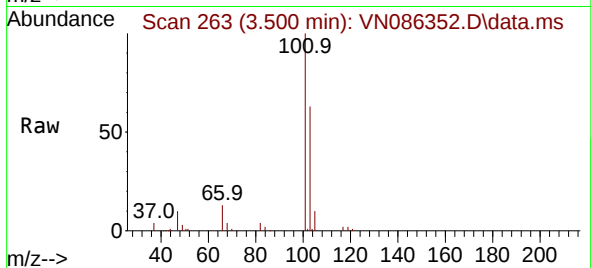
#7
Trichlorofluoromethane
Concen: 51.214 ug/l
RT: 3.500 min Scan# 263
Delta R.T. -0.000 min
Lab File: VN086352.D
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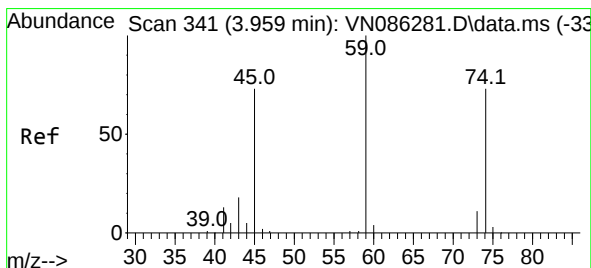
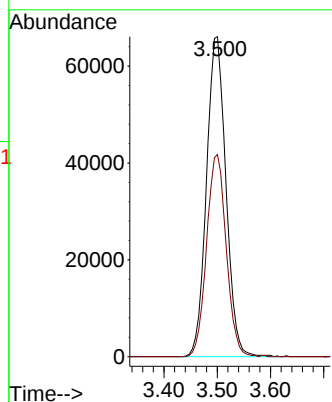
Tgt Ion:101 Resp: 16743
Ion Ratio Lower Upper
101 100
103 63.2 49.2 73.8

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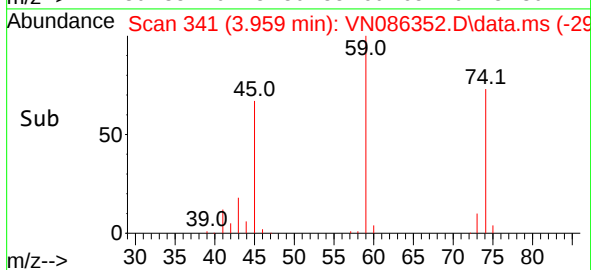
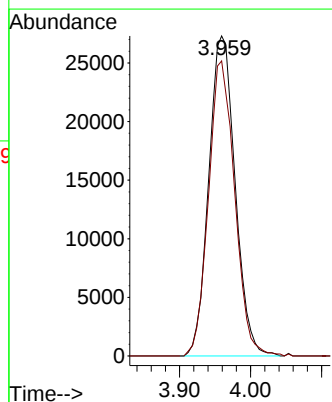
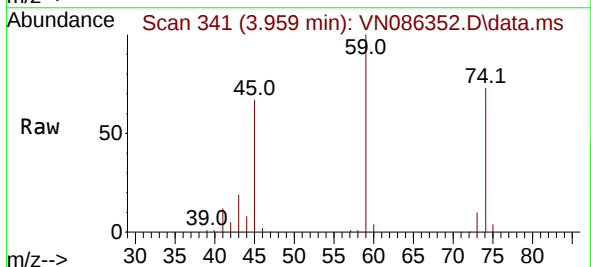
Reviewed By :John Carlone 04/21/2025

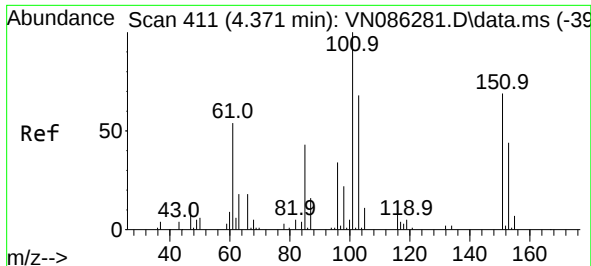
Supervised By :Mahesh Dadoda 04/21/2025



#8
Diethyl Ether
Concen: 49.391 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086352.D
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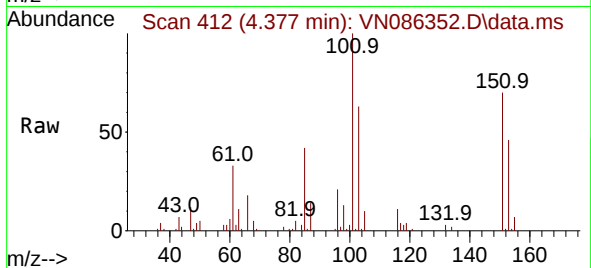
Tgt Ion: 74 Resp: 70492
Ion Ratio Lower Upper
74 100
45 91.5 48.0 144.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.144 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

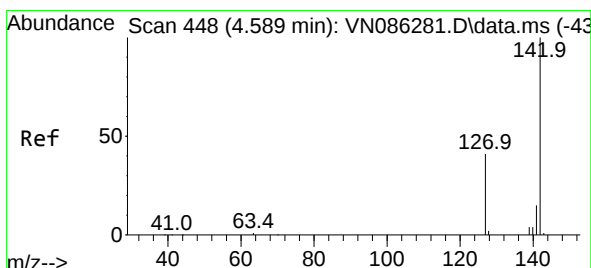
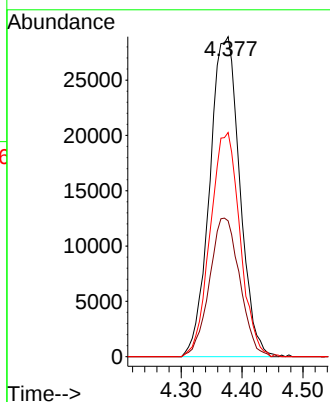
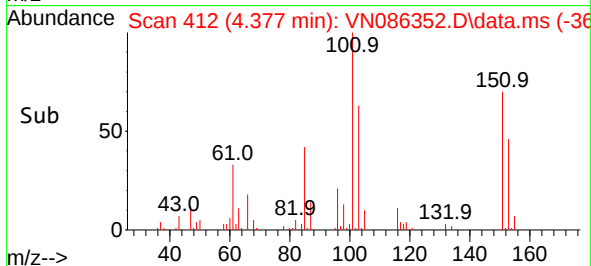
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 99170
Ion Ratio Lower Upper
101 100
85 43.6 34.7 52.1
151 69.4 56.1 84.1

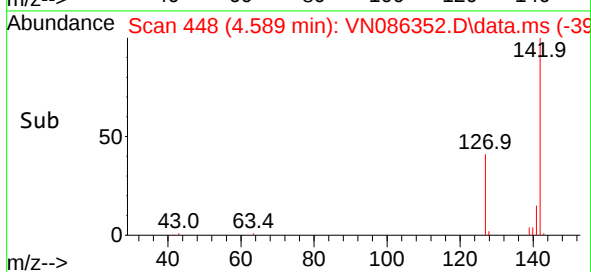
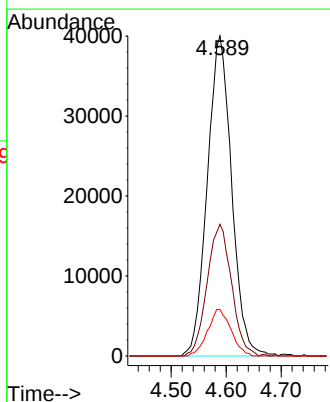
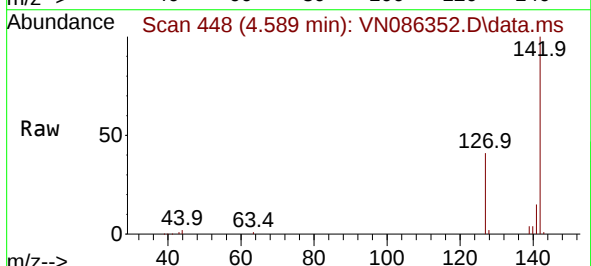
Manual Integrations
APPROVED

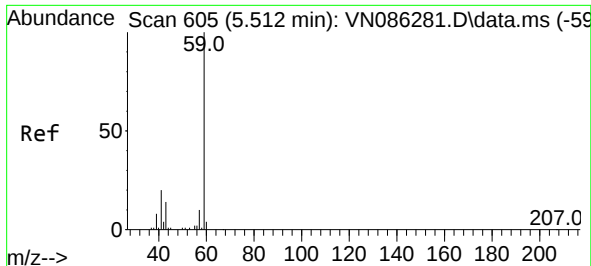
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#10
Methyl Iodide
Concen: 56.518 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

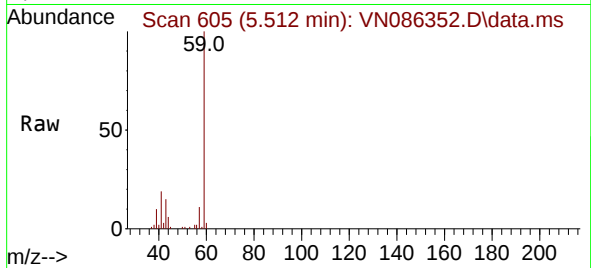
Tgt Ion:142 Resp: 122888
Ion Ratio Lower Upper
142 100
127 41.1 32.7 49.1
141 14.6 11.7 17.5





#11
Tert butyl alcohol
Concen: 239.202 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

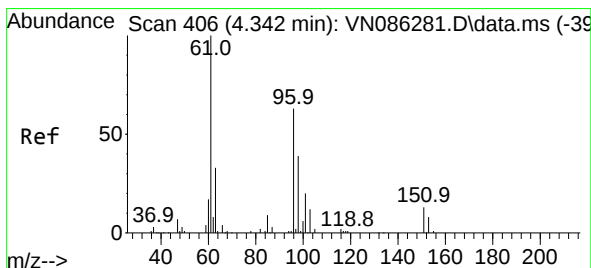
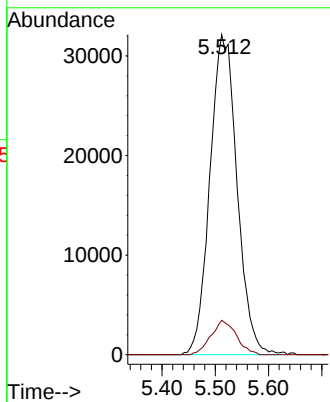
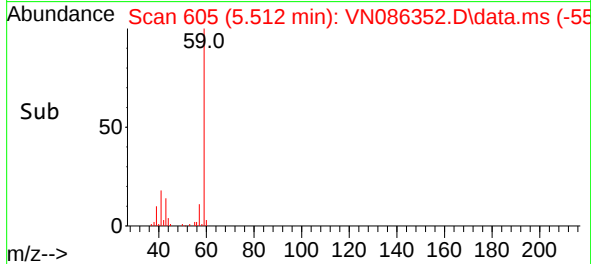
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



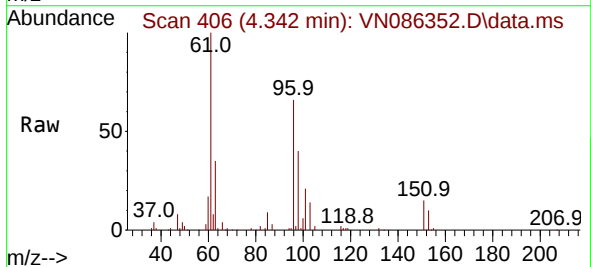
Tgt Ion: 59 Resp: 113610
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

Manual Integrations
APPROVED

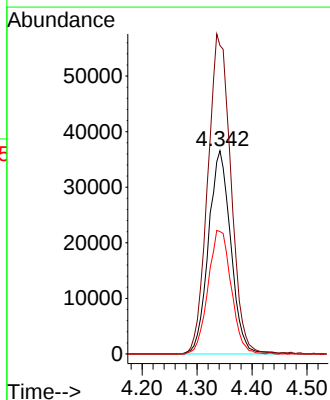
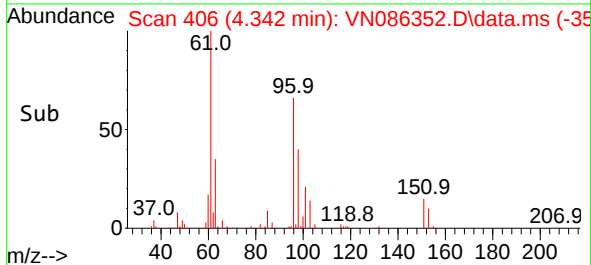
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

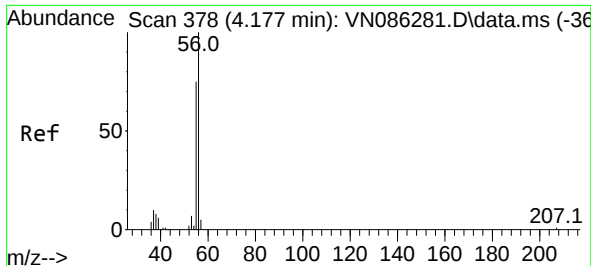


#12
1,1-Dichloroethene
Concen: 48.768 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32



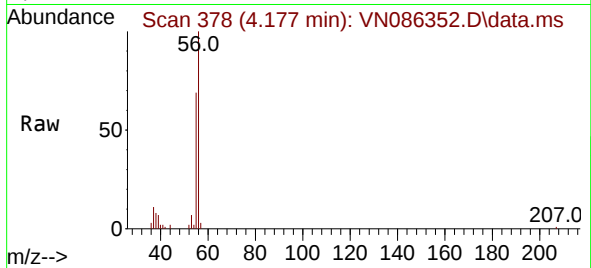
Tgt Ion: 96 Resp: 103044
Ion Ratio Lower Upper
96 100
61 151.8 126.6 189.8
98 60.2 49.6 74.4





#13
Acrolein
Concen: 286.029 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

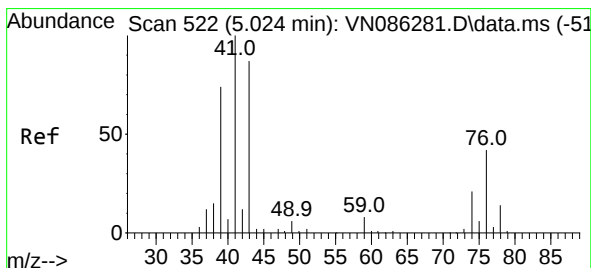
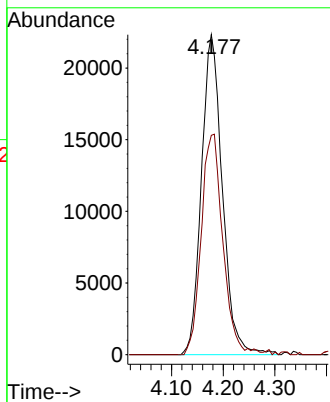
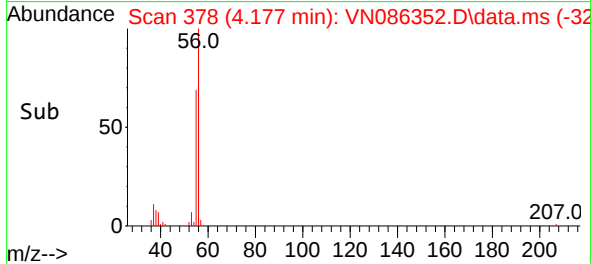
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 62869
Ion Ratio Lower Upper
56 100
55 71.1 58.5 87.7

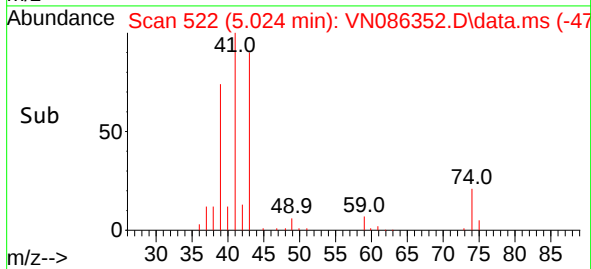
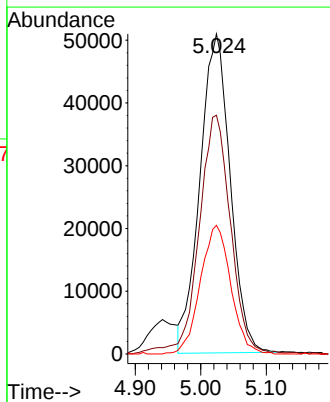
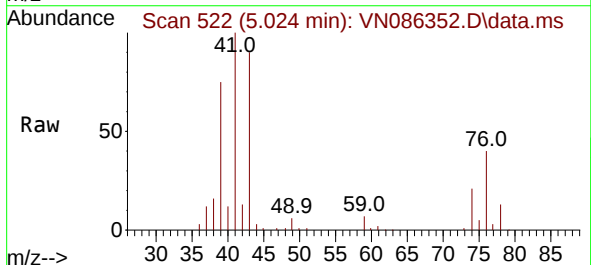
Manual Integrations
APPROVED

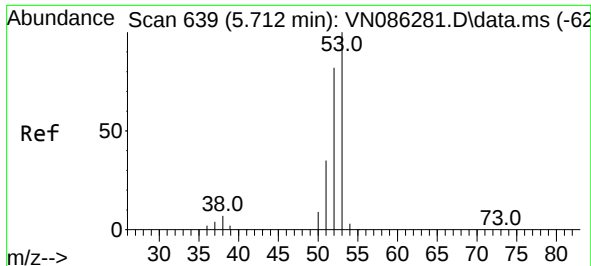
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#14
Allyl chloride
Concen: 43.472 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

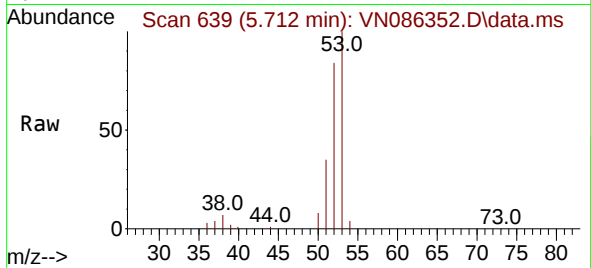
Tgt Ion: 41 Resp: 163287
Ion Ratio Lower Upper
41 100
39 77.9 59.2 88.8
76 40.5 31.2 46.8





#15
Acrylonitrile
Concen: 249.240 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

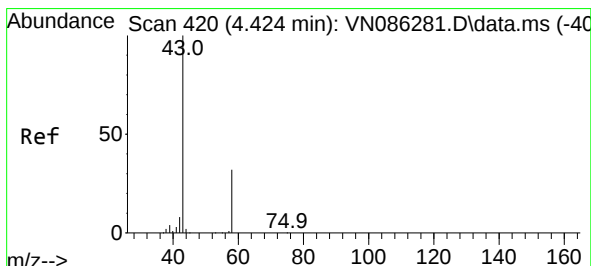
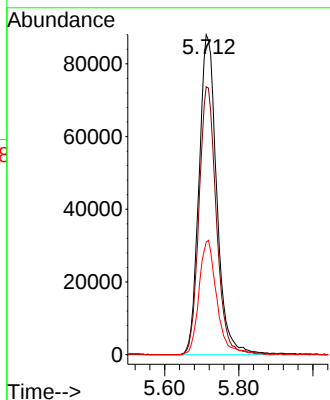
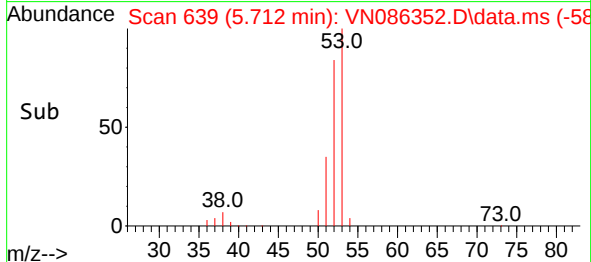
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



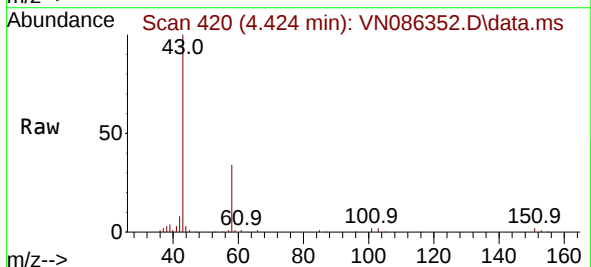
Tgt Ion: 53 Resp: 292649
Ion Ratio Lower Upper
53 100
52 81.9 65.5 98.3
51 35.9 28.6 42.8

Manual Integrations
APPROVED

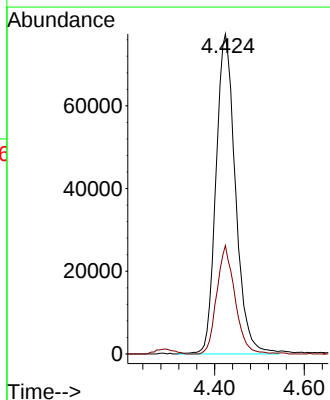
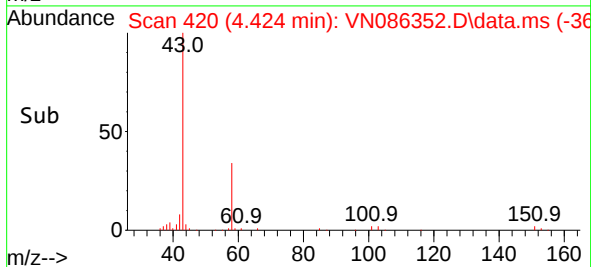
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

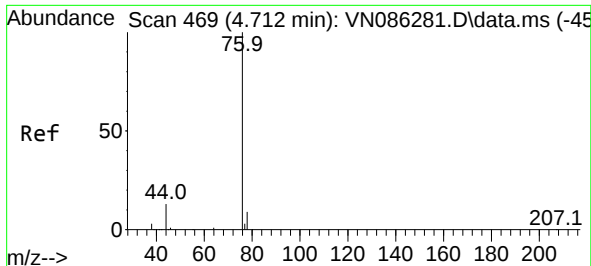


#16
Acetone
Concen: 259.932 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32



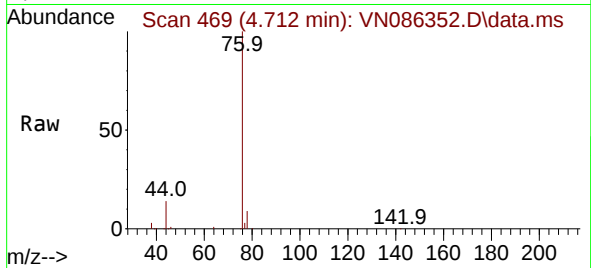
Tgt Ion: 43 Resp: 233746
Ion Ratio Lower Upper
43 100
58 33.7 25.3 37.9





#17
Carbon Disulfide
Concen: 41.992 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

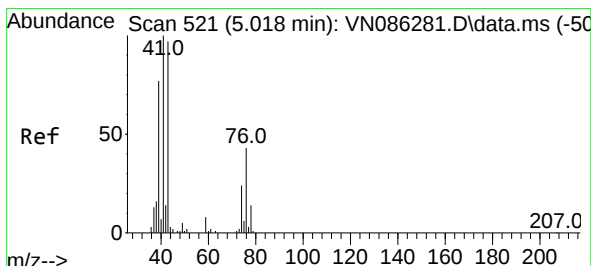
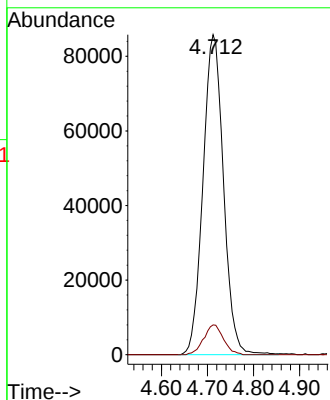
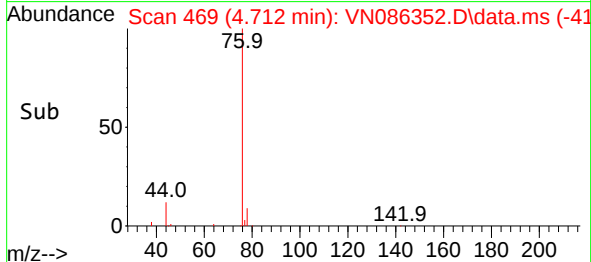
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



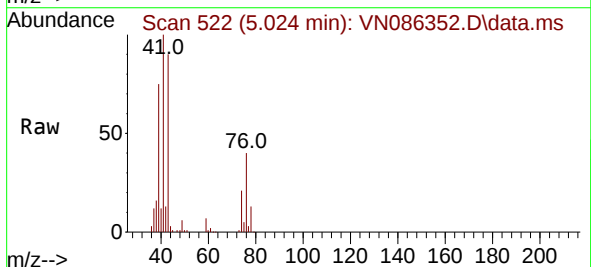
Tgt Ion: 76 Resp: 265669
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

Manual Integrations
APPROVED

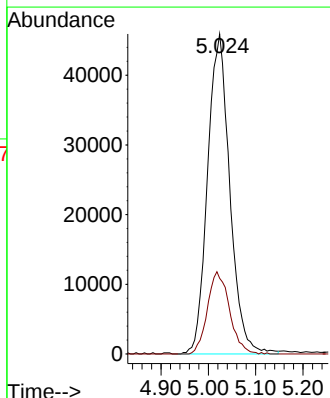
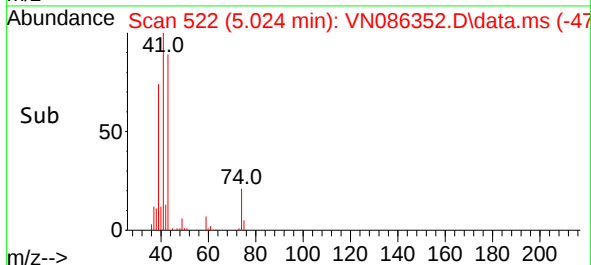
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

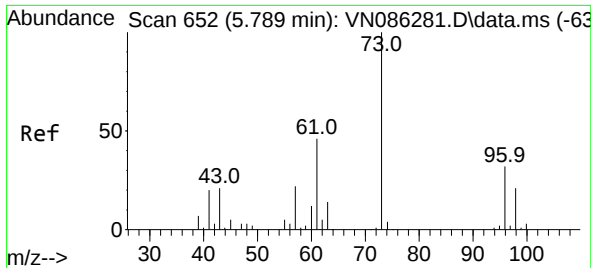


#18
Methyl Acetate
Concen: 47.955 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32



Tgt Ion: 43 Resp: 149852
Ion Ratio Lower Upper
43 100
74 25.4 19.8 29.6





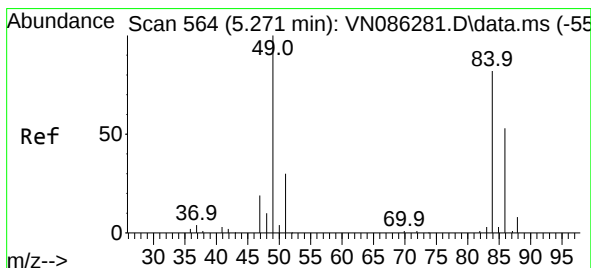
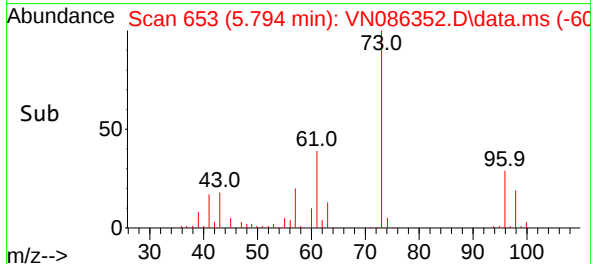
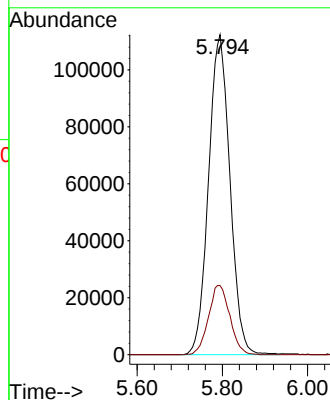
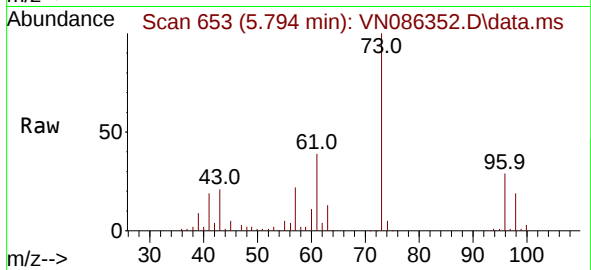
#19
Methyl tert-butyl Ether
Concen: 50.415 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 391570
Ion Ratio Lower Upper
73 100
57 21.6 17.6 26.4

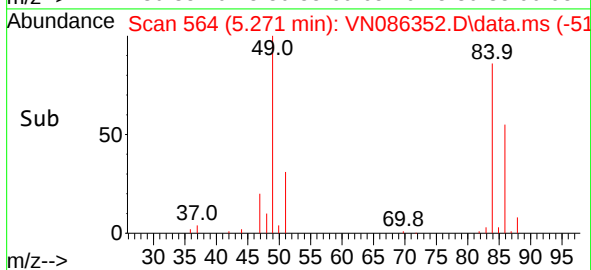
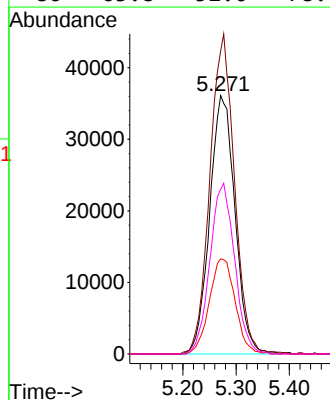
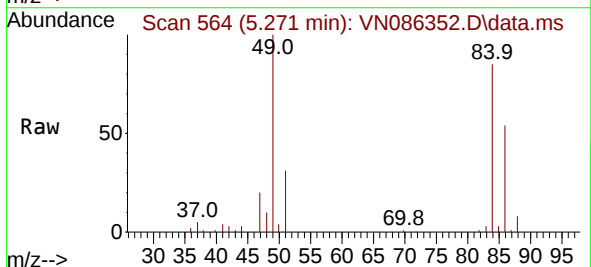
Manual Integrations
APPROVED

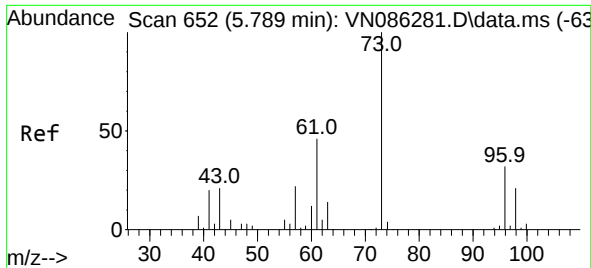
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#20
Methylene Chloride
Concen: 49.441 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

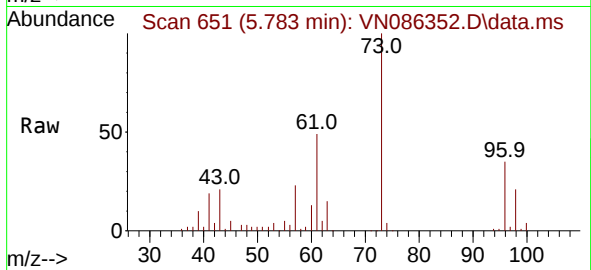
Tgt Ion: 84 Resp: 118984
Ion Ratio Lower Upper
84 100
49 117.3 98.2 147.2
51 36.8 29.8 44.6
86 63.8 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 49.426 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

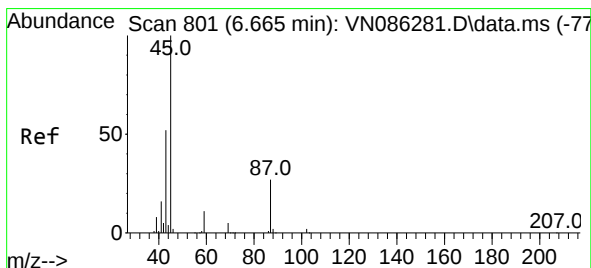
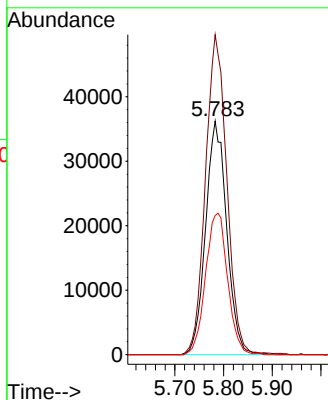
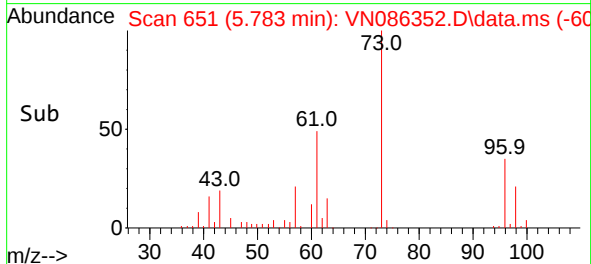
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 109184
Ion Ratio Lower Upper
96 100
61 137.0 114.6 171.8
98 59.6 51.2 76.8

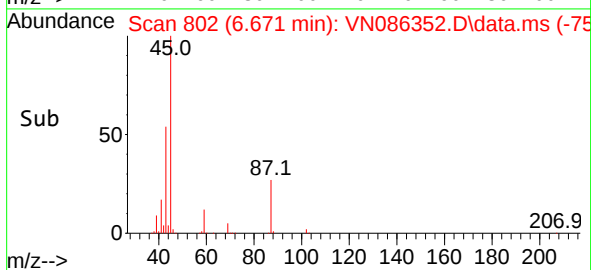
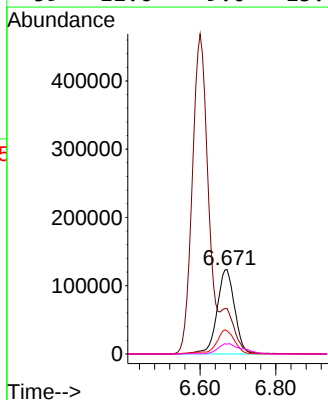
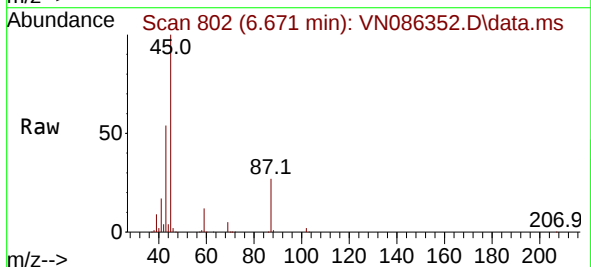
Manual Integrations
APPROVED

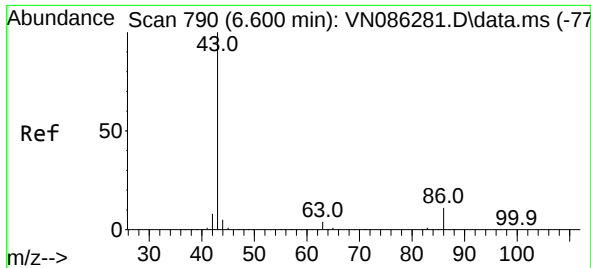
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#22
Diisopropyl ether
Concen: 48.926 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

Tgt Ion: 45 Resp: 399777
Ion Ratio Lower Upper
45 100
43 53.3 41.8 62.8
87 27.4 21.6 32.4
59 11.6 9.0 13.4





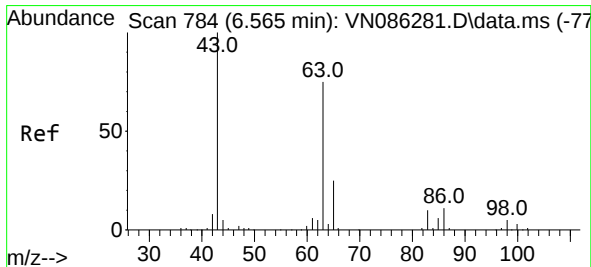
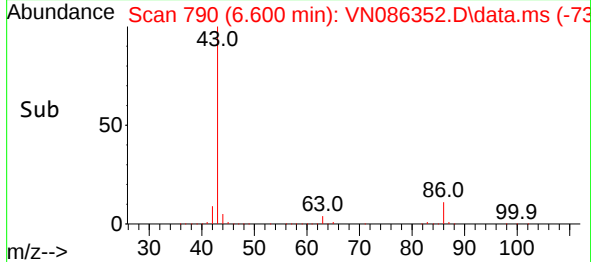
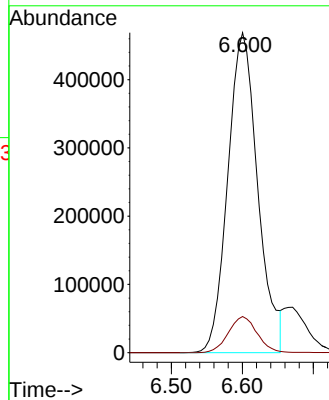
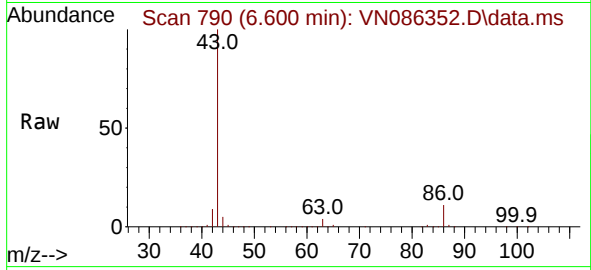
#23
 Vinyl Acetate
 Concen: 240.668 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086352.D
 Acq: 18 Apr 2025 18:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 137468
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.6 13.0

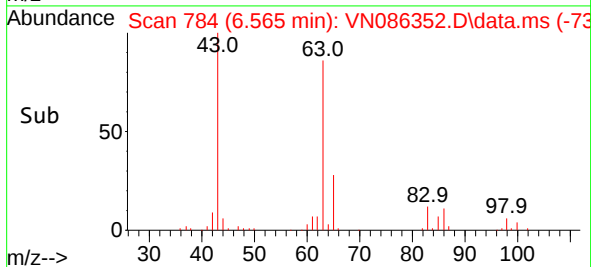
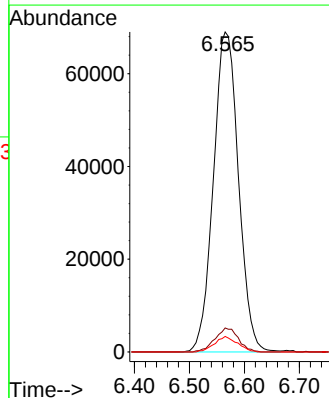
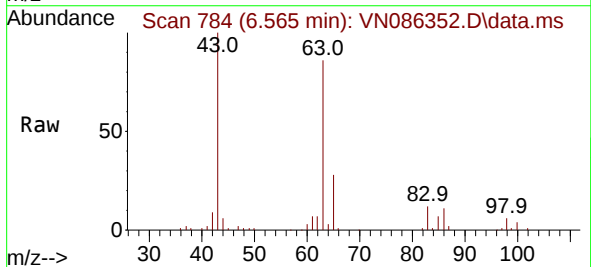
Manual Integrations
 APPROVED

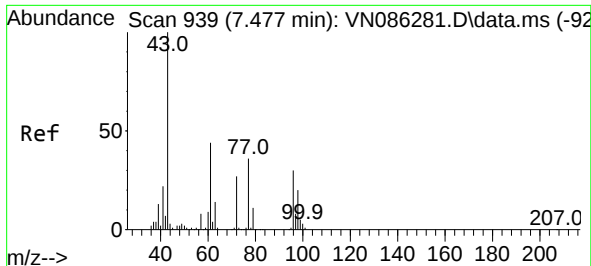
Reviewed By :John Carlone 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025



#24
 1,1-Dichloroethane
 Concen: 50.694 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086352.D
 Acq: 18 Apr 2025 18:32

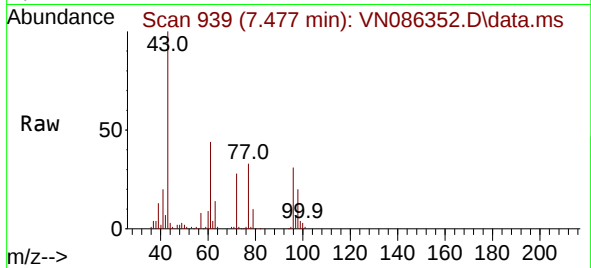
Tgt Ion: 63 Resp: 218555
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.4 10.2
 100 4.8 2.1 6.5





#25
2-Butanone
Concen: 243.472 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

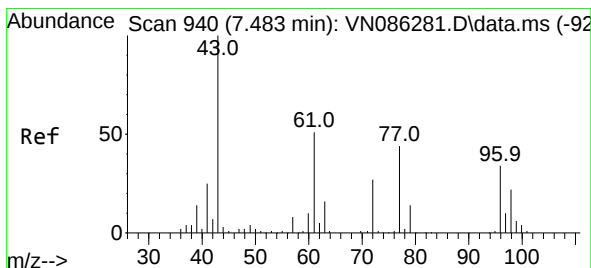
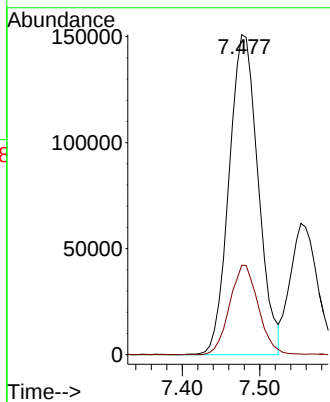
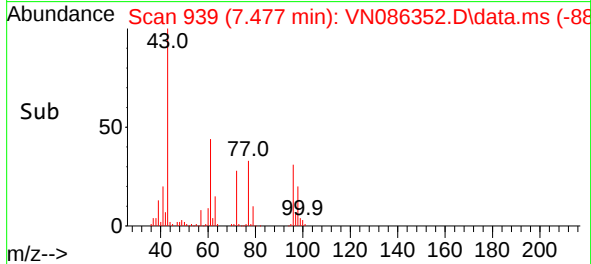
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 39451
Ion Ratio Lower Upper
43 100
72 27.9 21.7 32.5

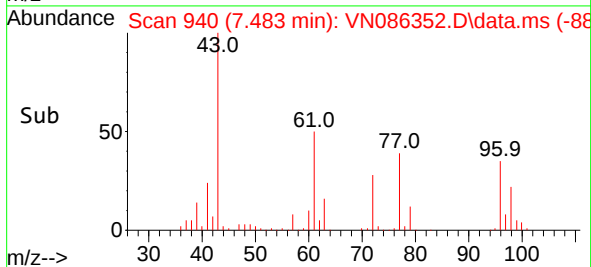
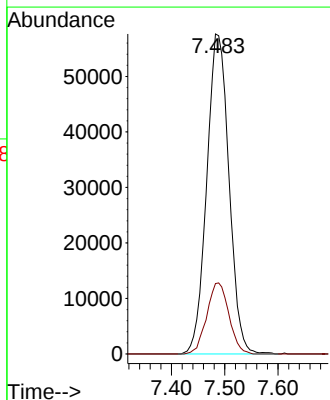
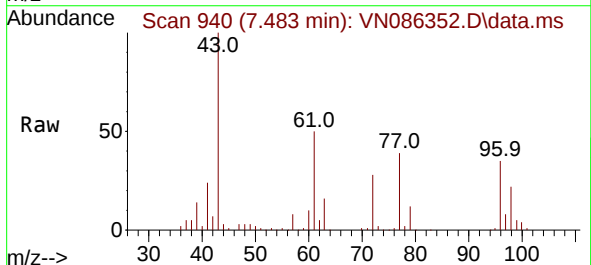
Manual Integrations
APPROVED

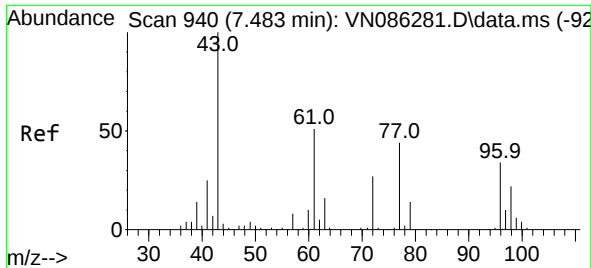
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#26
2,2-Dichloropropane
Concen: 43.308 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

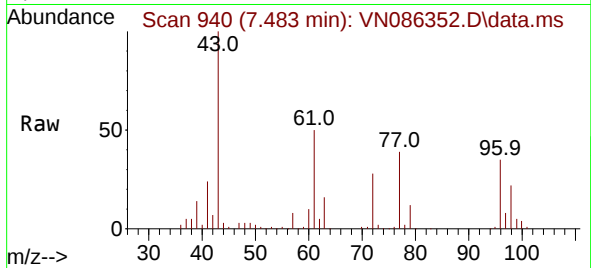
Tgt Ion: 77 Resp: 167174
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 50.400 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086352.D
 Acq: 18 Apr 2025 18:32

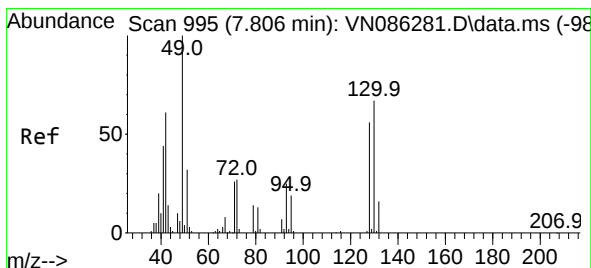
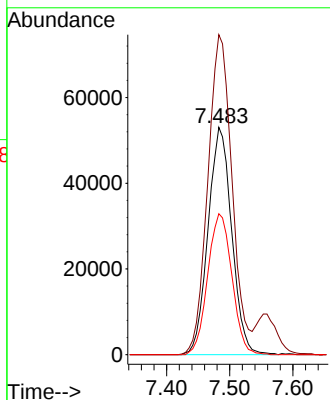
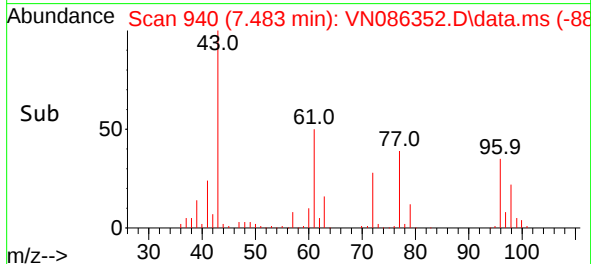
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



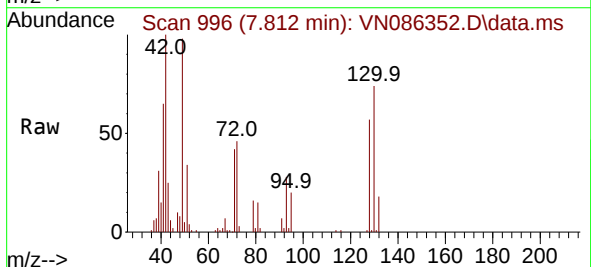
Tgt Ion: 96 Resp: 138186
 Ion Ratio Lower Upper
 96 100
 61 144.1 0.0 299.0
 98 63.3 0.0 129.6

Manual Integrations
 APPROVED

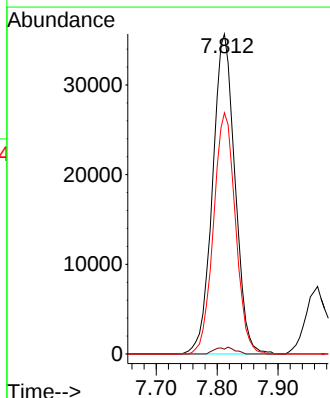
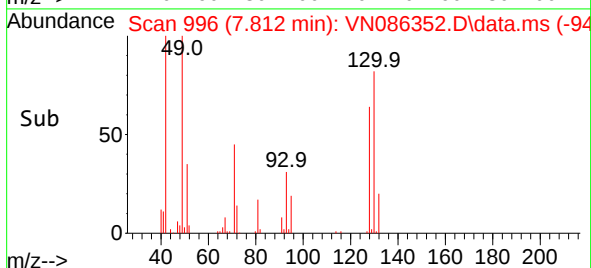
Reviewed By :John Carlone 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025

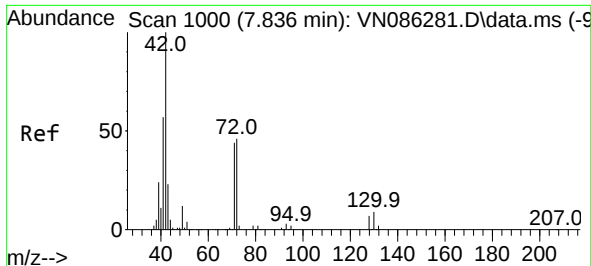


#28
 Bromochloromethane
 Concen: 49.915 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086352.D
 Acq: 18 Apr 2025 18:32



Tgt Ion: 49 Resp: 91245
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 3.4
 130 73.7 57.1 85.7





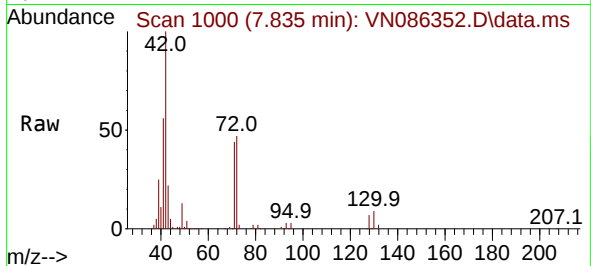
#29
Tetrahydrofuran
Concen: 237.961 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



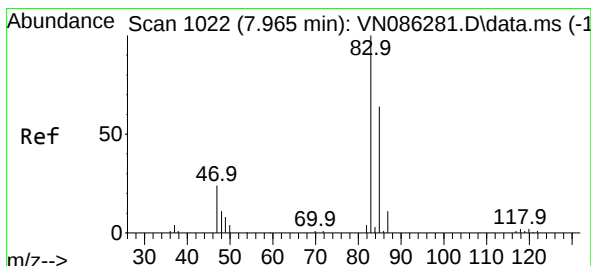
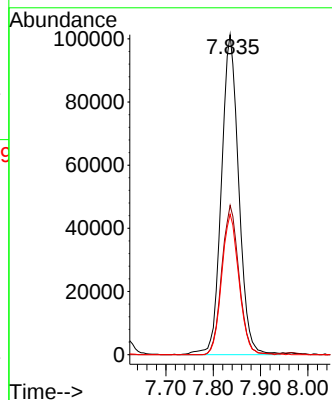
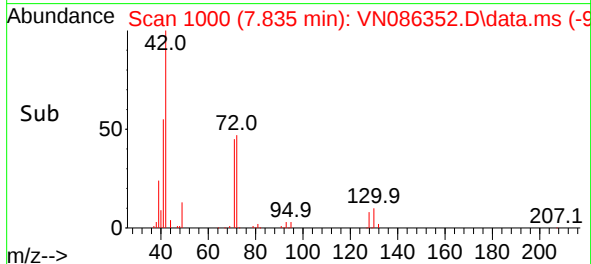
Tgt Ion: 42 Resp: 25784
Ion Ratio Lower Upper
42 100
72 46.4 36.2 54.4
71 43.5 34.0 51.0

Manual Integrations

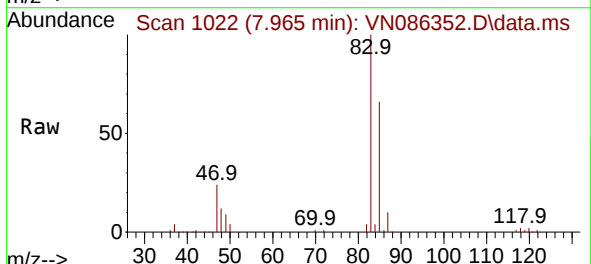
APPROVED

Reviewed By :John Carlone 04/21/2025

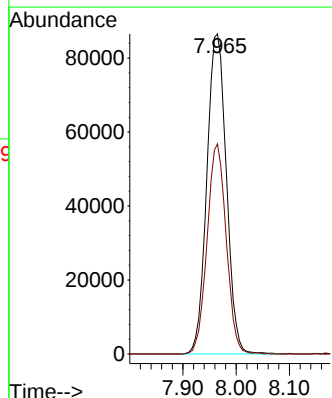
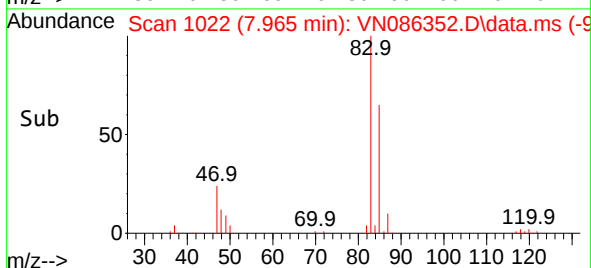
Supervised By :Mahesh Dadoda 04/21/2025

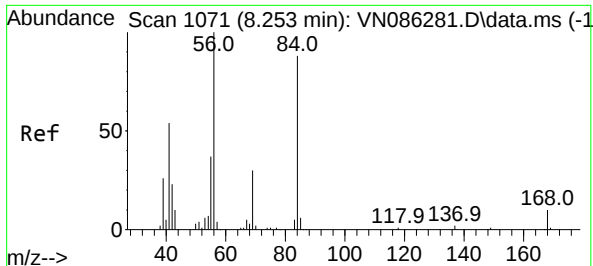


#30
Chloroform
Concen: 51.956 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32



Tgt Ion: 83 Resp: 220038
Ion Ratio Lower Upper
83 100
85 65.7 51.5 77.3





#31

Cyclohexane

Concen: 45.904 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086352.D

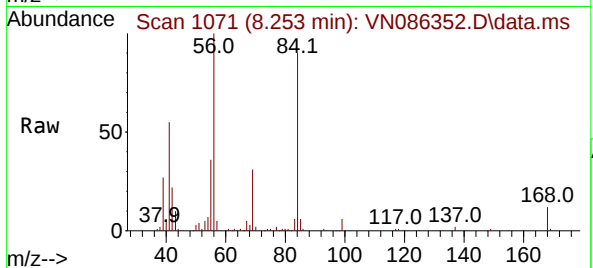
Acq: 18 Apr 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 56 Resp: 193650

Ion Ratio Lower Upper

56 100

69 31.1 24.2 36.2

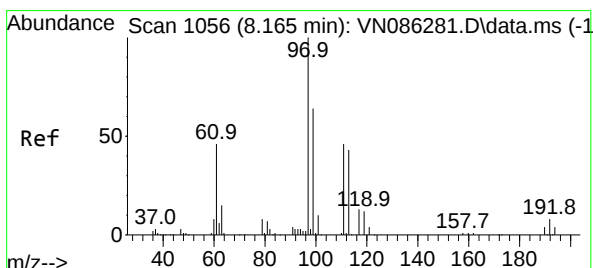
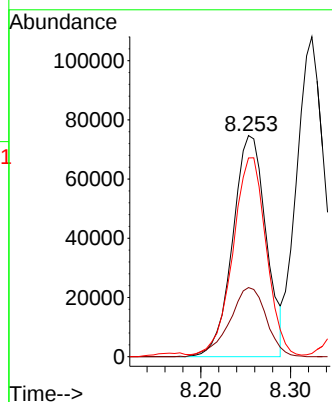
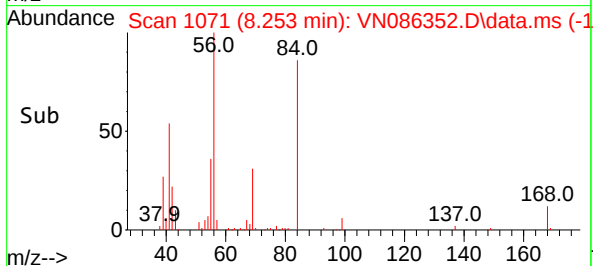
84 88.1 70.3 105.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#32

1,1,1-Trichloroethane

Concen: 51.986 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086352.D

Acq: 18 Apr 2025 18:32

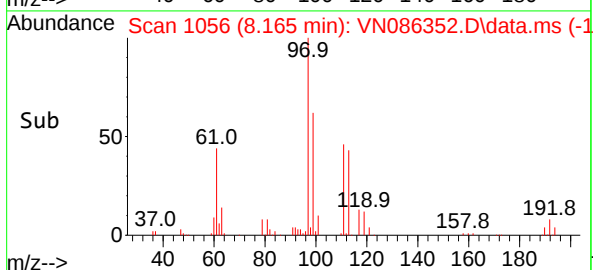
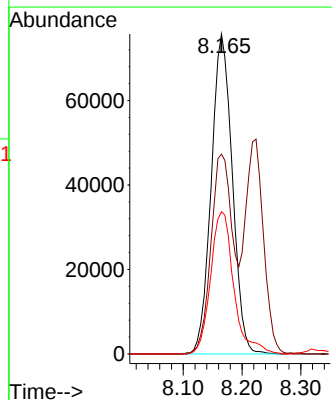
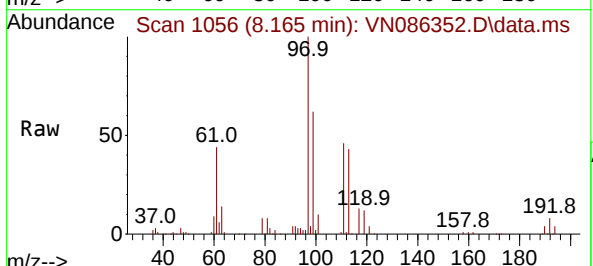
Tgt Ion: 97 Resp: 188343

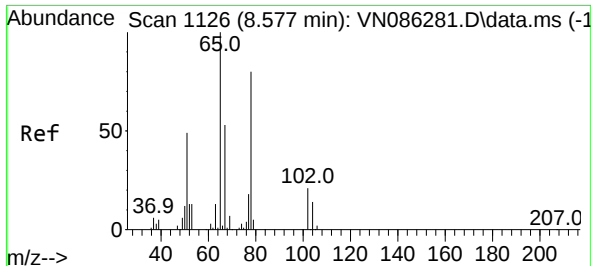
Ion Ratio Lower Upper

97 100

99 65.0 52.7 79.1

61 49.0 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 55.361 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086352.D

Acq: 18 Apr 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 14411

Ion Ratio Lower Upper

65 100

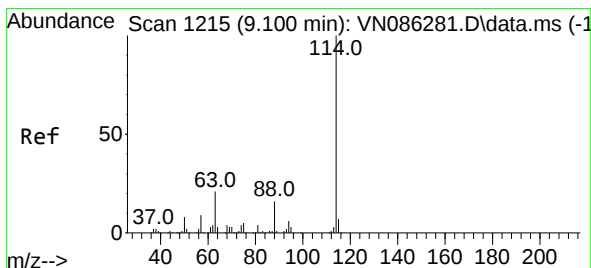
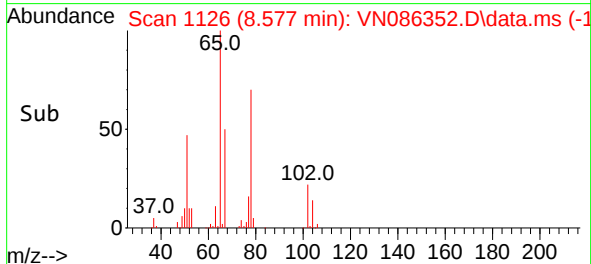
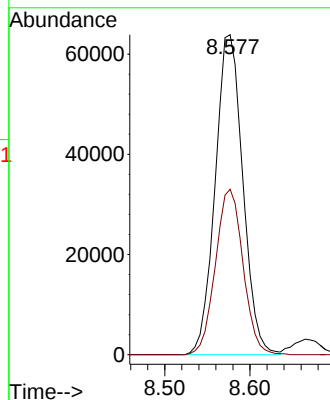
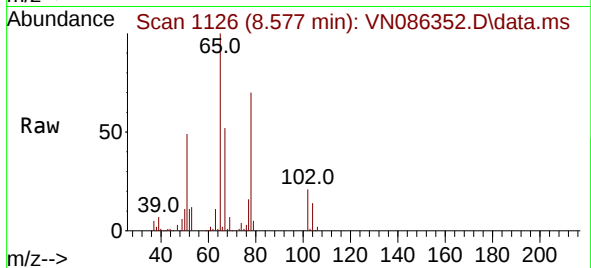
67 51.6 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086352.D

Acq: 18 Apr 2025 18:32

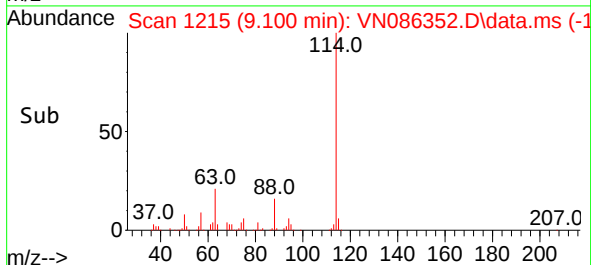
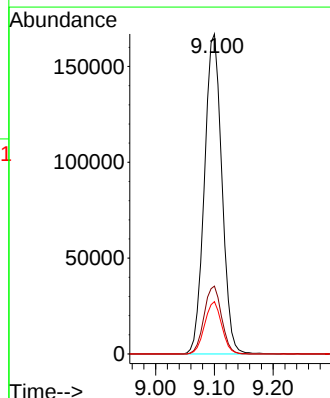
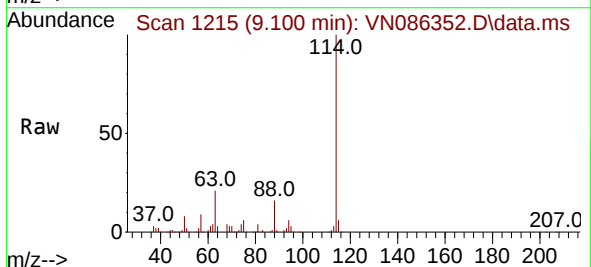
Tgt Ion:114 Resp: 343427

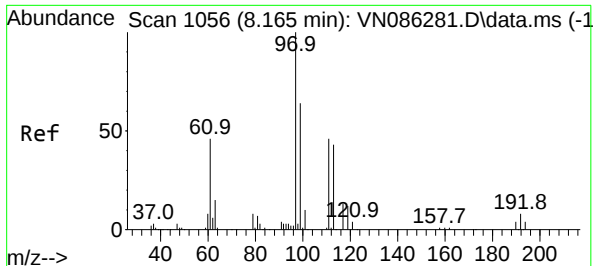
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

88 16.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.752 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086352.D

Acq: 18 Apr 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

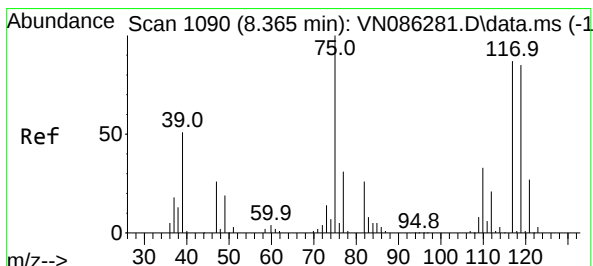
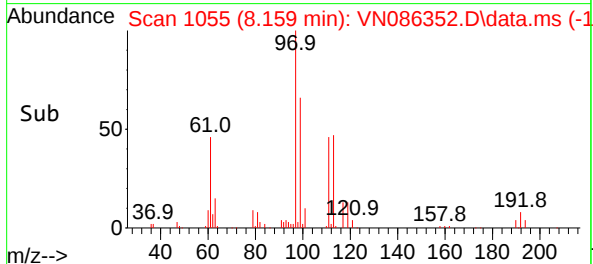
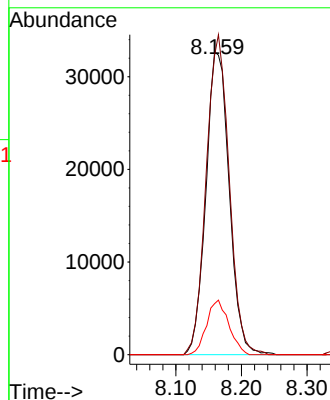
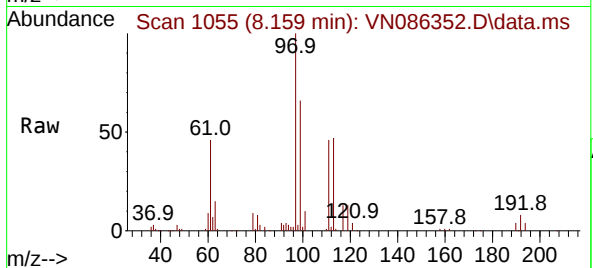
Tgt Ion:	113	Resp:	8089
Ion Ratio	Lower	Upper	
113	100		
111	104.0	83.4	125.0
192	17.1	13.7	20.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#36

1,1-Dichloropropene

Concen: 48.378 ug/l

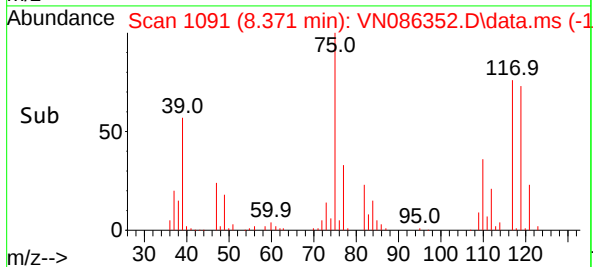
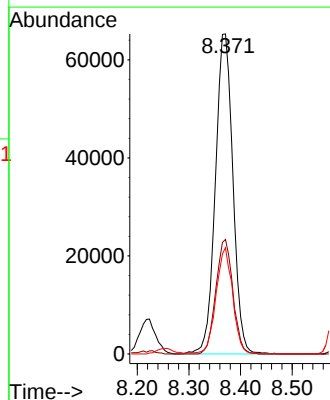
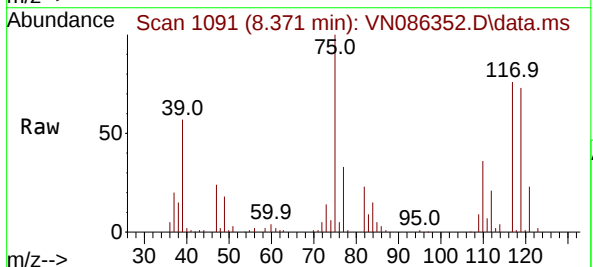
RT: 8.371 min Scan# 1091

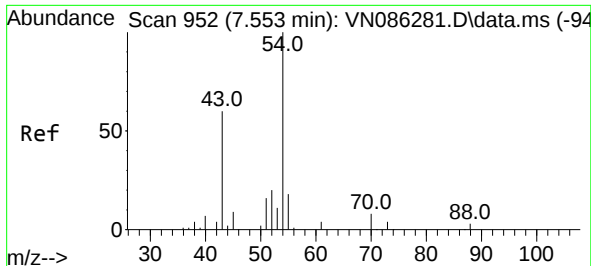
Delta R.T. 0.006 min

Lab File: VN086352.D

Acq: 18 Apr 2025 18:32

Tgt Ion:	75	Resp:	154014
Ion Ratio	Lower	Upper	
75	100		
110	34.7	16.8	50.4
77	31.6	24.9	37.3





#37

Ethyl Acetate

Concen: 46.714 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN086352.D

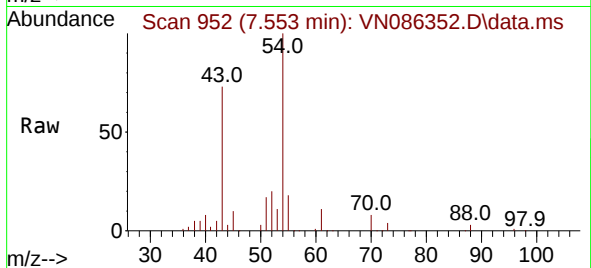
Acq: 18 Apr 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 156569

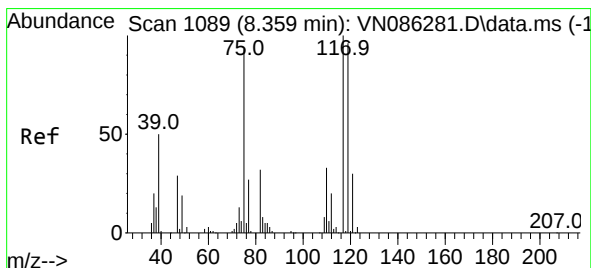
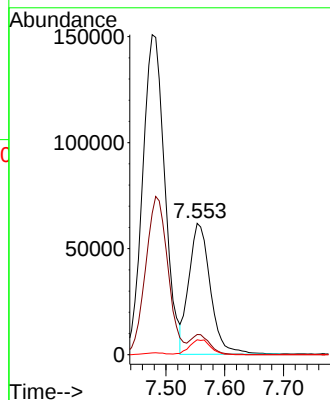
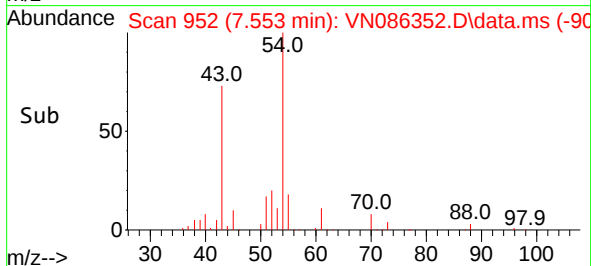
Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.1	16.7
70	11.2	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#38

Carbon Tetrachloride

Concen: 50.691 ug/l

RT: 8.359 min Scan# 1089

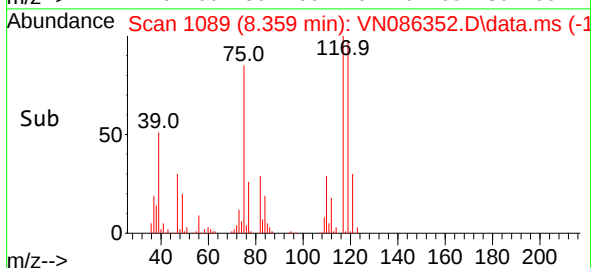
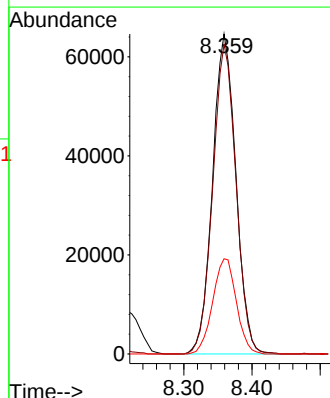
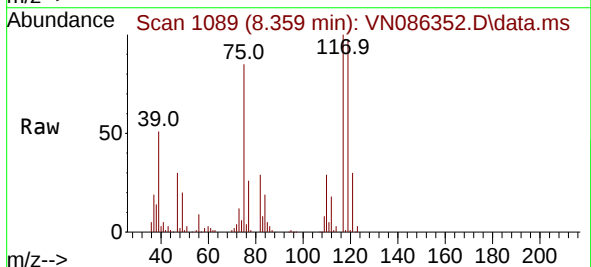
Delta R.T. -0.000 min

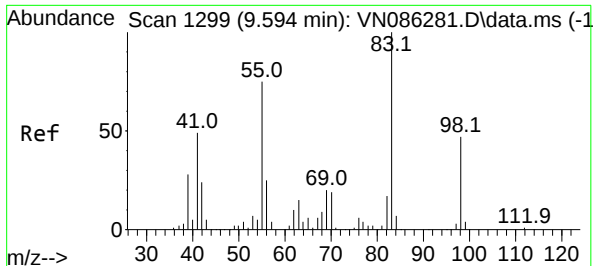
Lab File: VN086352.D

Acq: 18 Apr 2025 18:32

Tgt Ion:117 Resp: 153683

Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.8	115.2
121	29.8	23.8	35.8





#39

Methylcyclohexane

Concen: 45.792 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN086352.D

Acq: 18 Apr 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 173274

Ion Ratio Lower Upper

83 100

55 74.0 59.8 89.8

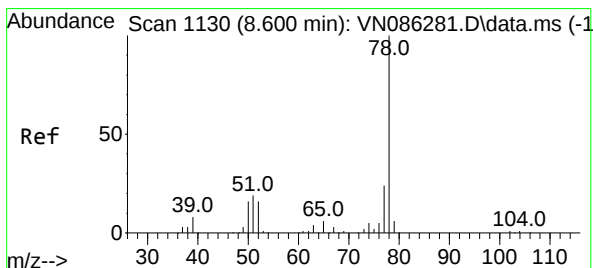
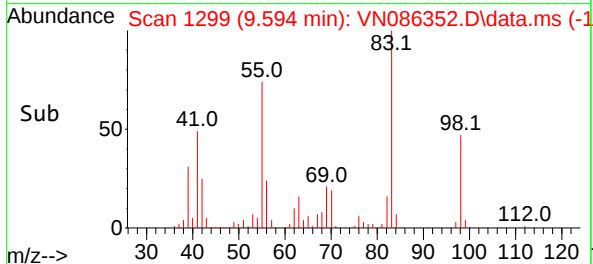
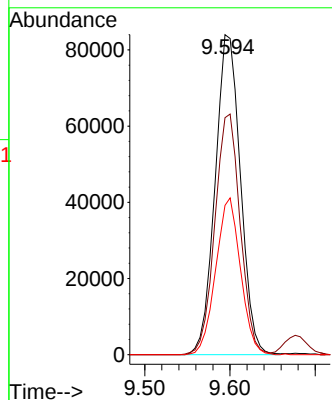
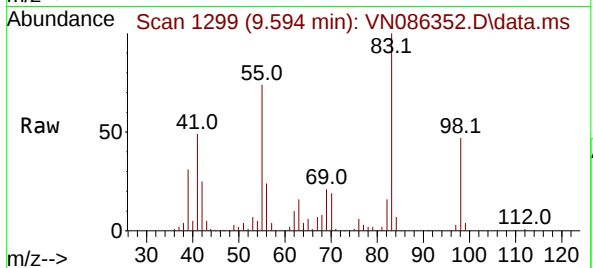
98 46.7 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#40

Benzene

Concen: 49.348 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086352.D

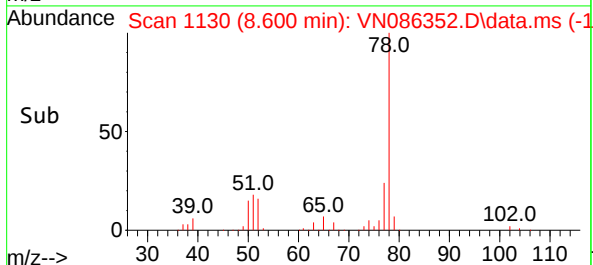
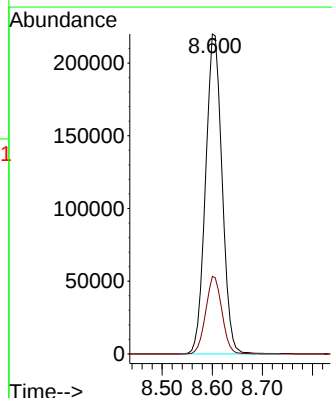
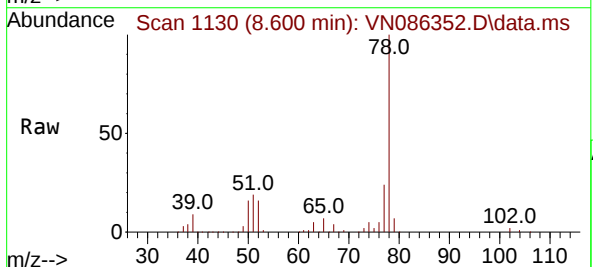
Acq: 18 Apr 2025 18:32

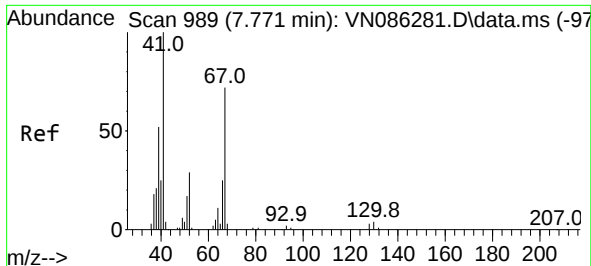
Tgt Ion: 78 Resp: 503344

Ion Ratio Lower Upper

78 100

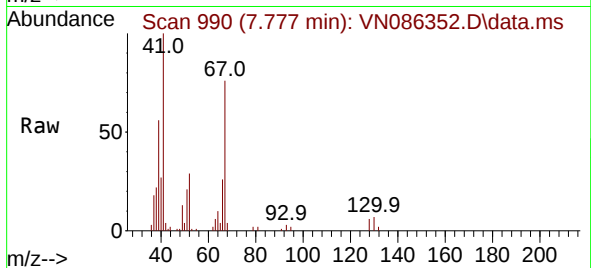
77 24.3 19.4 29.2





#41
Methacrylonitrile
Concen: 48.074 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

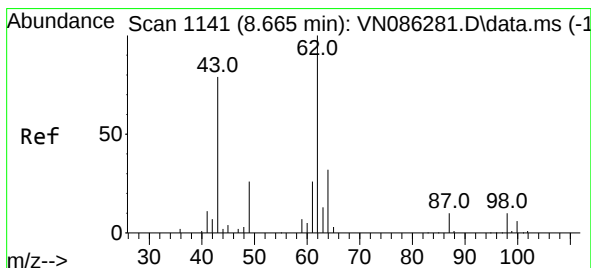
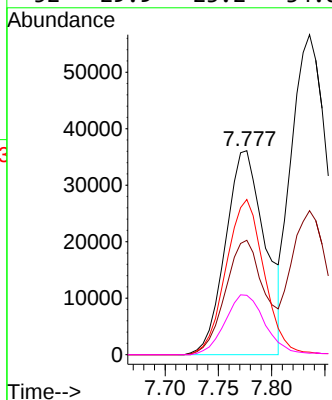
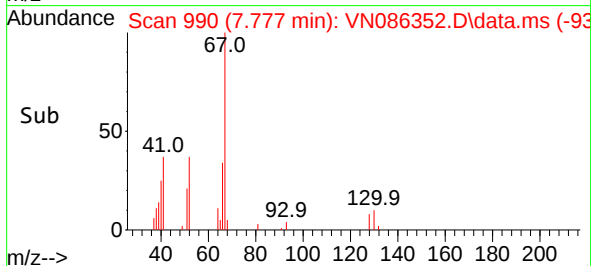
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	93384
Ion	Ratio	Lower	Upper
41	100		
39	56.0	43.0	64.4
67	73.3	58.8	88.2
52	29.9	23.2	34.8

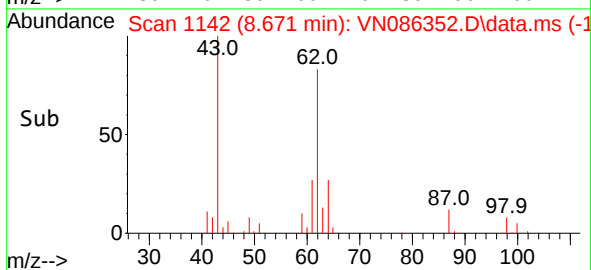
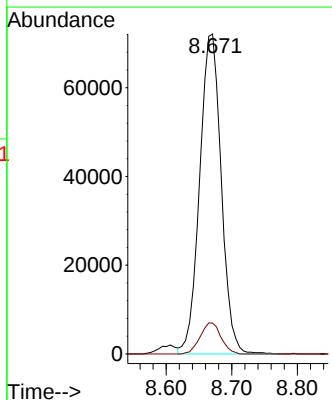
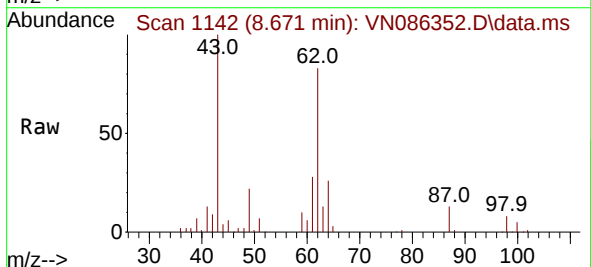
Manual Integrations
APPROVED

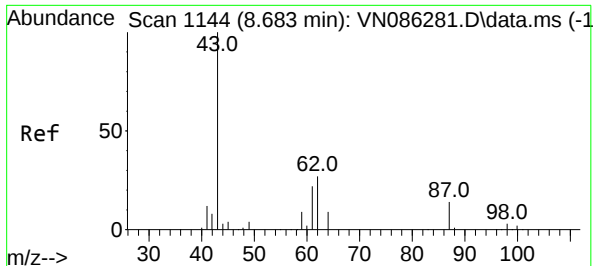
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#42
1,2-Dichloroethane
Concen: 50.753 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

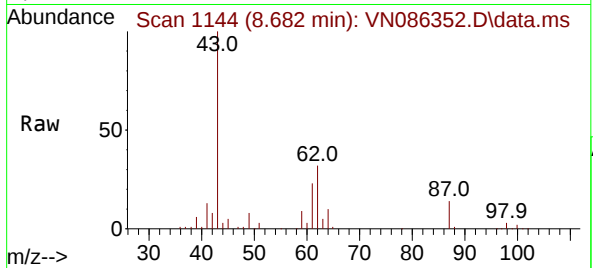
Tgt Ion:	62	Resp:	165084
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.2





#43
Isopropyl Acetate
Concen: 52.237 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

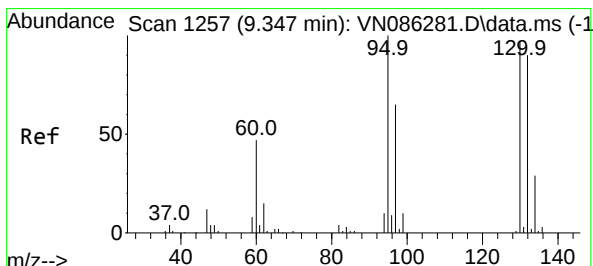
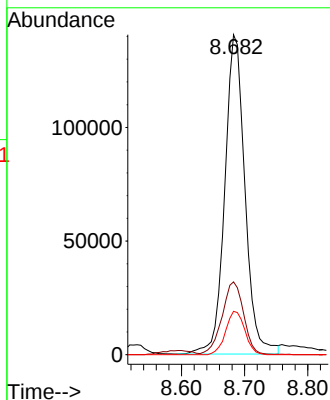
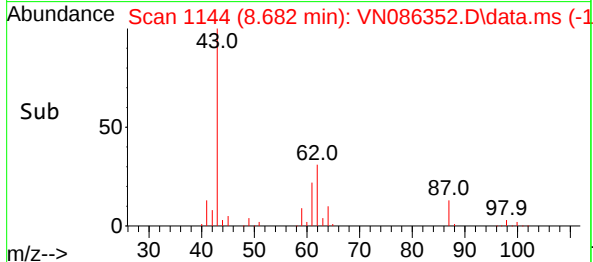
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



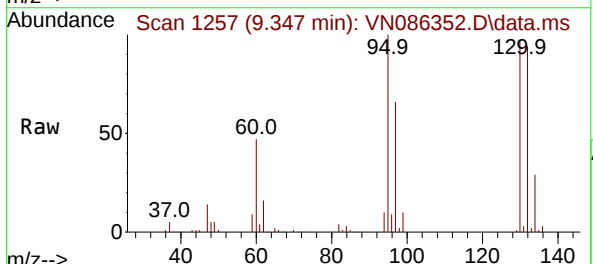
Tgt Ion: 43 Resp: 312304
Ion Ratio Lower Upper
43 100
61 24.1 20.5 30.7
87 12.9 10.5 15.7

Manual Integrations
APPROVED

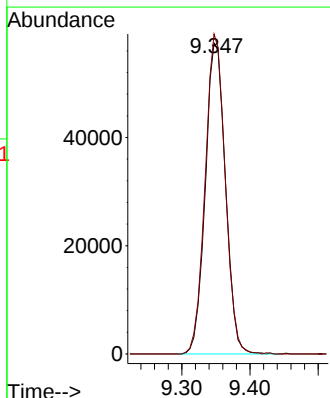
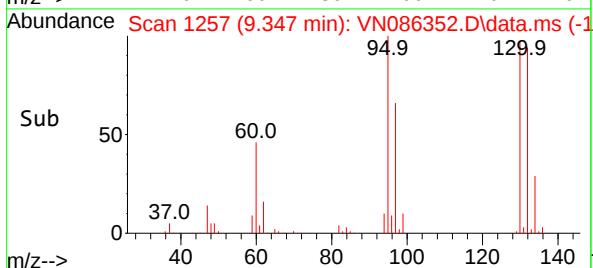
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

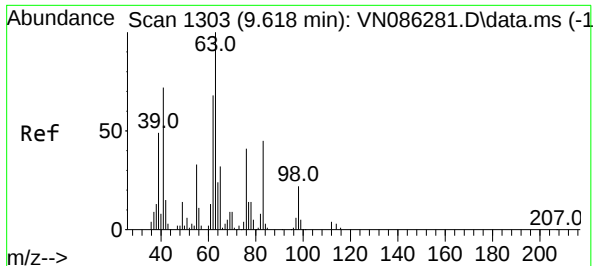


#44
Trichloroethene
Concen: 48.792 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32



Tgt Ion:130 Resp: 117958
Ion Ratio Lower Upper
130 100
95 102.9 0.0 207.2





#45

1,2-Dichloropropane

Concen: 49.232 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086352.D

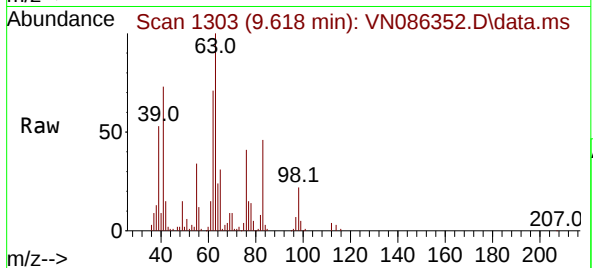
Acq: 18 Apr 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 63 Resp: 12292

Ion Ratio Lower Upper

63 100

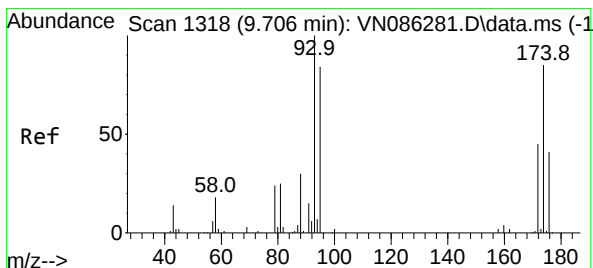
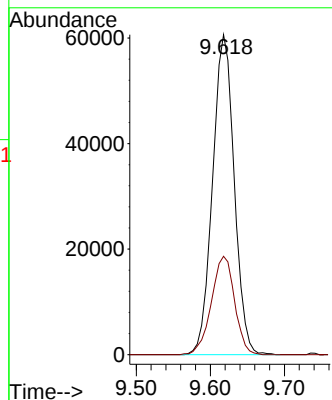
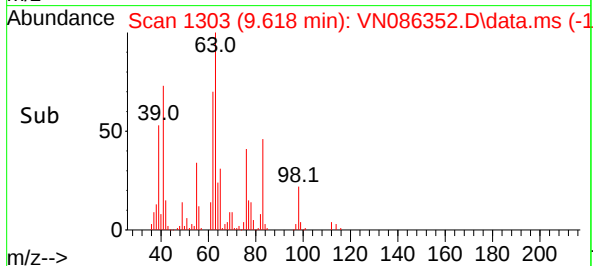
65 30.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#46

Dibromomethane

Concen: 51.835 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086352.D

Acq: 18 Apr 2025 18:32

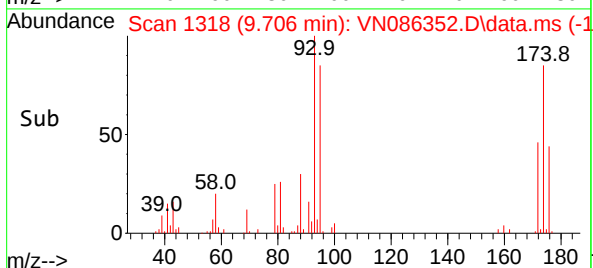
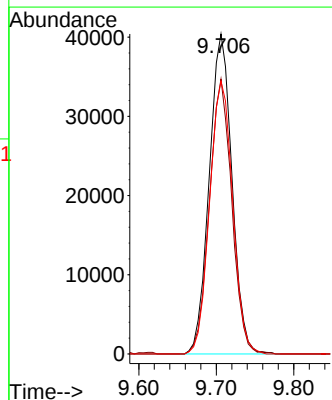
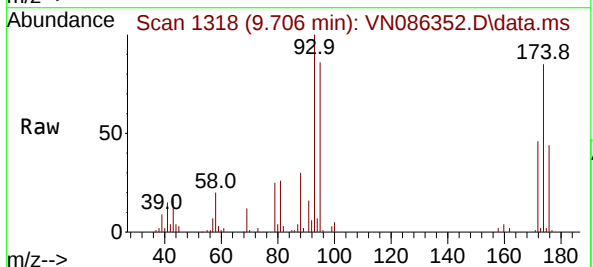
Tgt Ion: 93 Resp: 82460

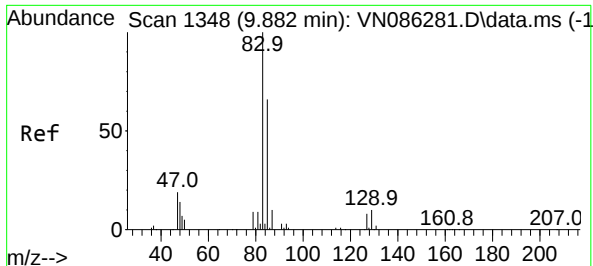
Ion Ratio Lower Upper

93 100

95 84.5 66.2 99.4

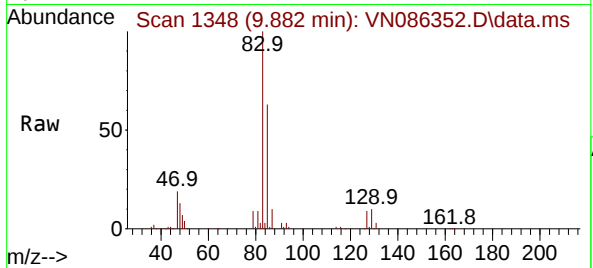
174 86.3 67.8 101.6





#47
Bromodichloromethane
Concen: 51.204 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

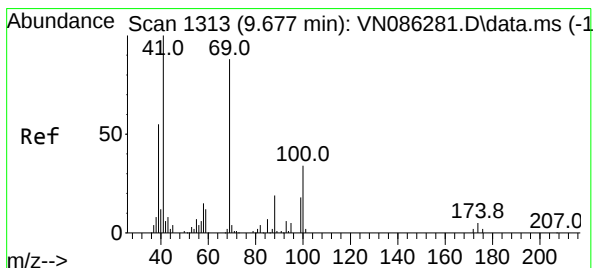
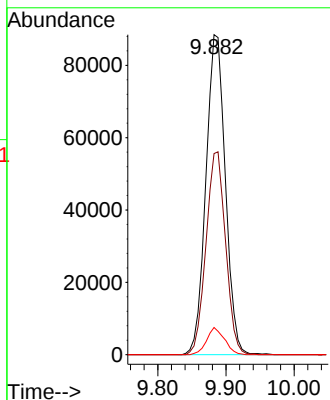
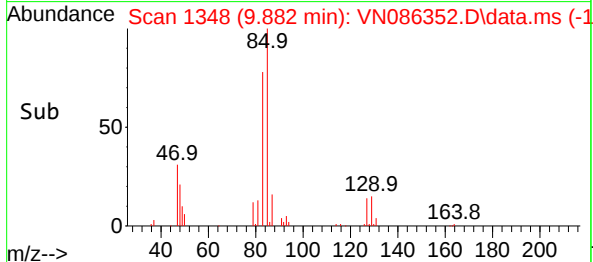
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



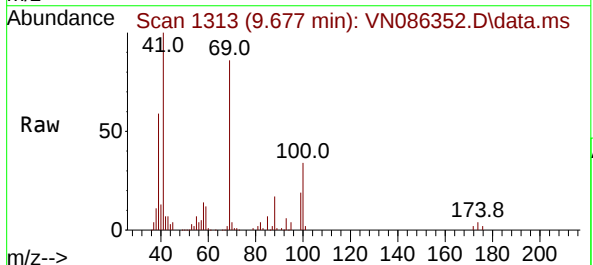
Tgt Ion: 83 Resp: 175928
Ion Ratio Lower Upper
83 100
85 62.8 52.6 78.8
127 8.5 6.1 9.1

Manual Integrations
APPROVED

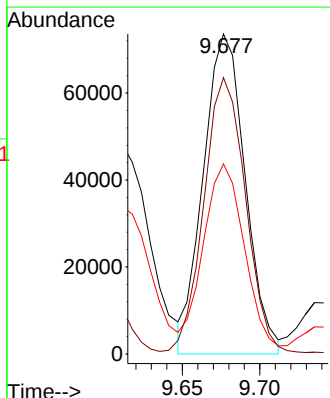
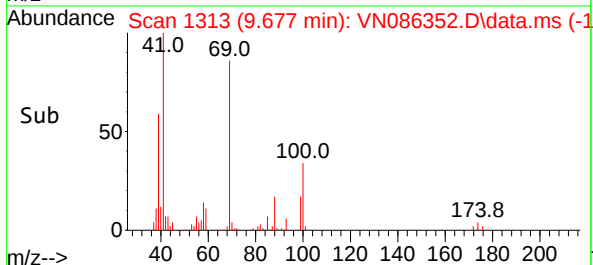
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

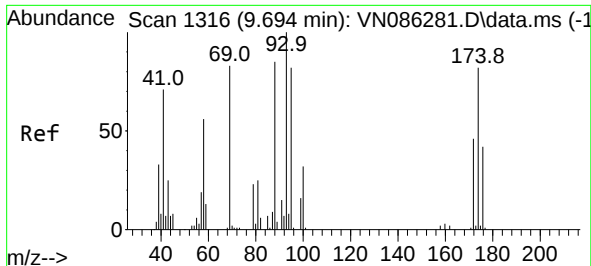


#48
Methyl methacrylate
Concen: 46.965 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32



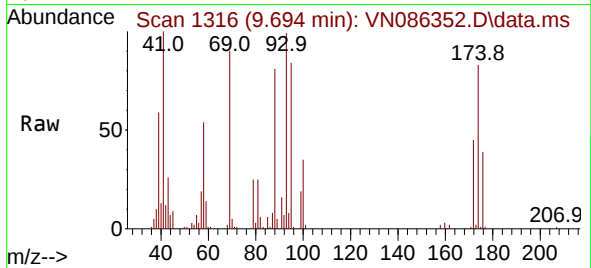
Tgt Ion: 41 Resp: 138232
Ion Ratio Lower Upper
41 100
69 86.9 68.2 102.2
39 59.2 45.2 67.8





#49
1,4-Dioxane
Concen: 974.199 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

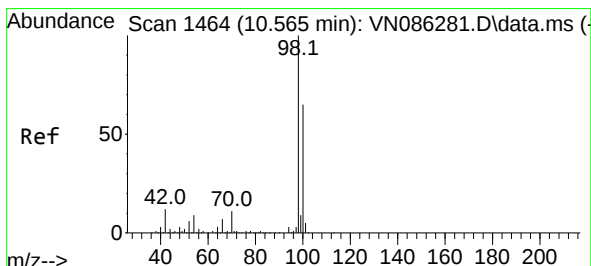
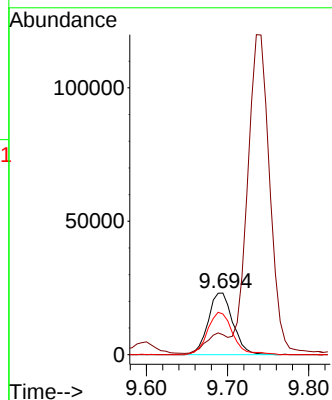
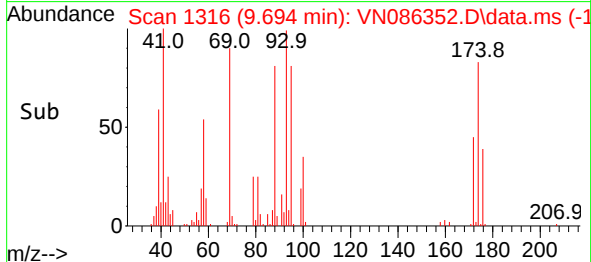
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 4877
Ion Ratio Lower Upper
88 100
43 28.5 23.8 35.8
58 70.3 57.4 86.2

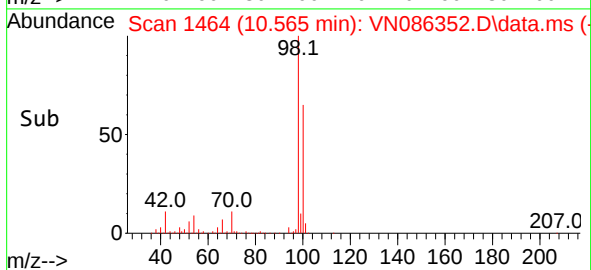
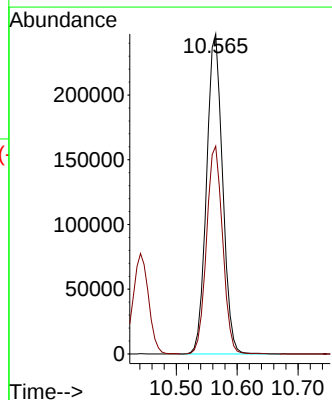
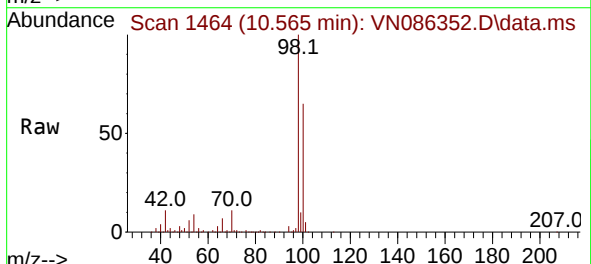
Manual Integrations
APPROVED

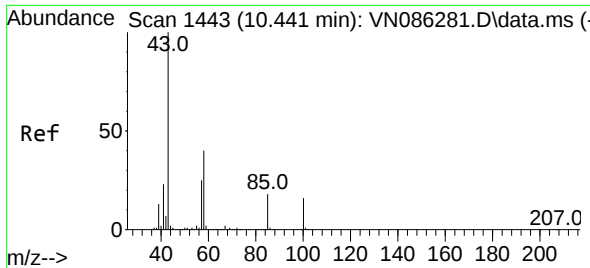
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#50
Toluene-d8
Concen: 52.961 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

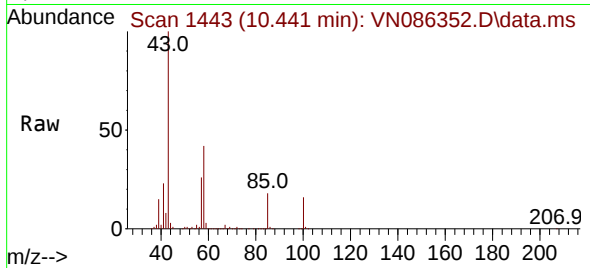
Tgt Ion: 98 Resp: 451149
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 244.370 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

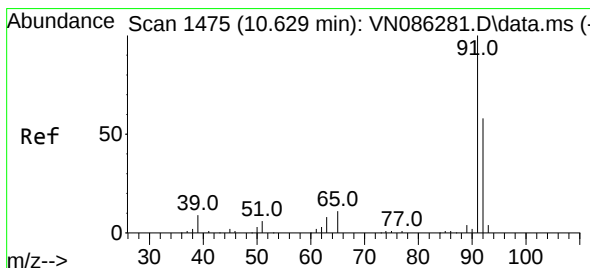
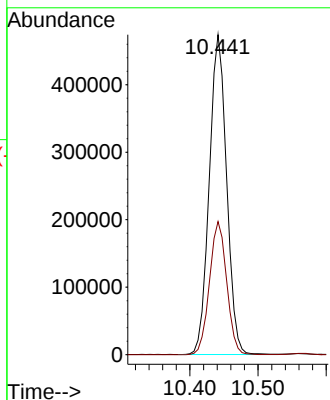
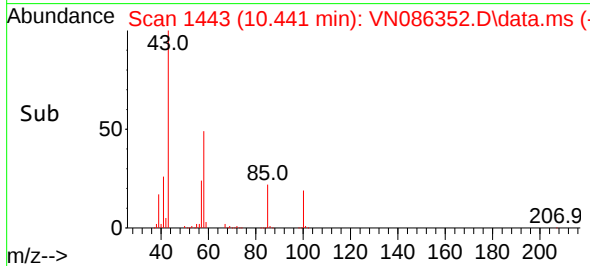
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 83869
Ion Ratio Lower Upper
43 100
58 41.3 32.2 48.4

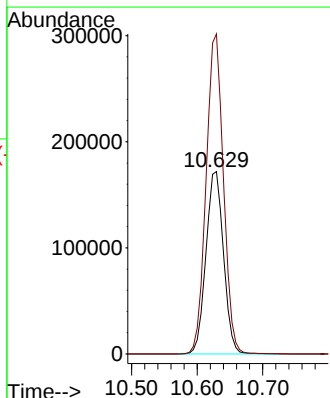
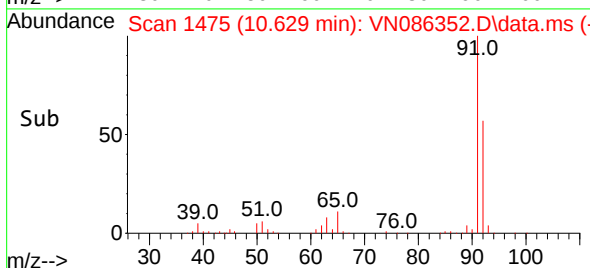
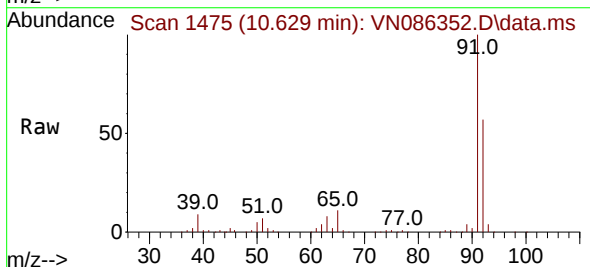
Manual Integrations
APPROVED

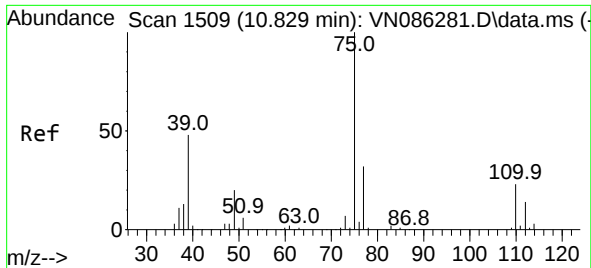
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#52
Toluene
Concen: 50.283 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

Tgt Ion: 92 Resp: 320021
Ion Ratio Lower Upper
92 100
91 173.4 137.3 205.9





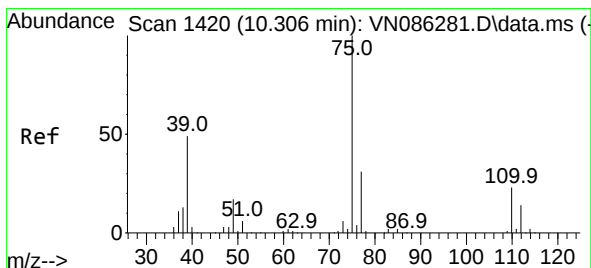
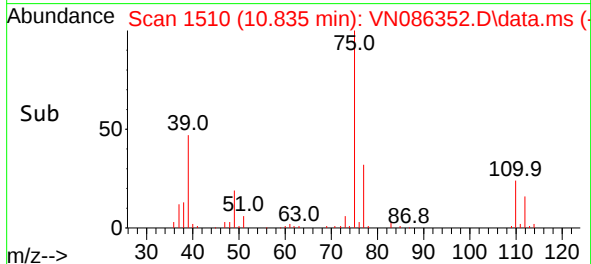
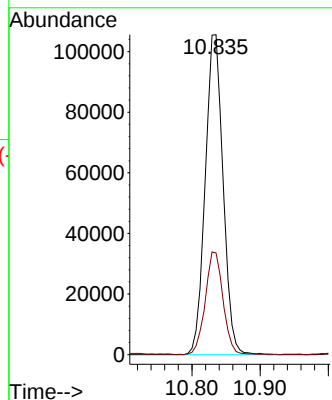
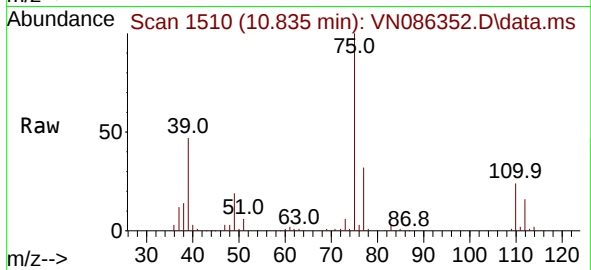
#53
t-1,3-Dichloropropene
Concen: 50.206 ug/l
RT: 10.835 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 192559
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0

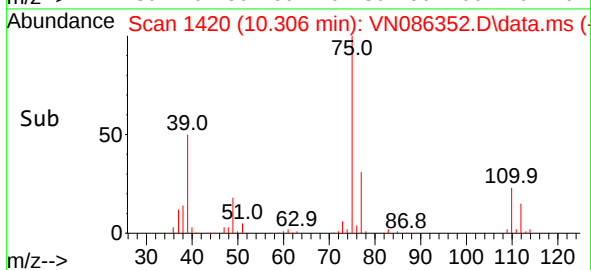
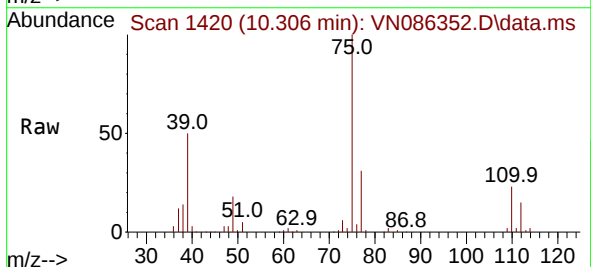
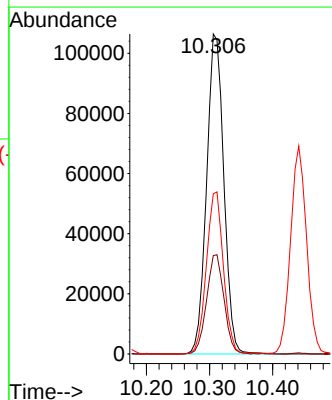
Manual Integrations
APPROVED

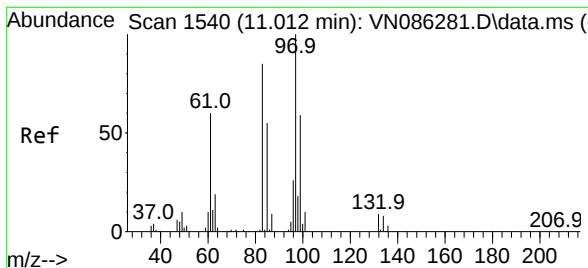
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#54
cis-1,3-Dichloropropene
Concen: 47.878 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

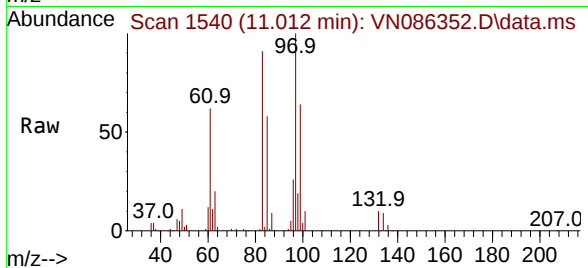
Tgt Ion: 75 Resp: 201691
Ion Ratio Lower Upper
75 100
77 30.8 25.2 37.8
39 50.1 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 51.038 ug/l
RT: 11.012 min Scan# 116870
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

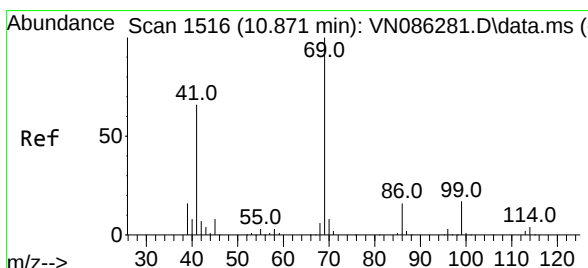
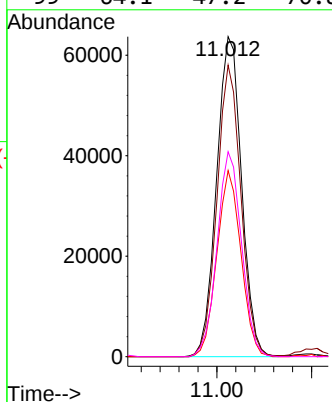
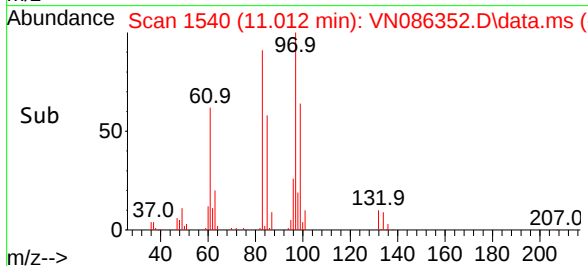
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



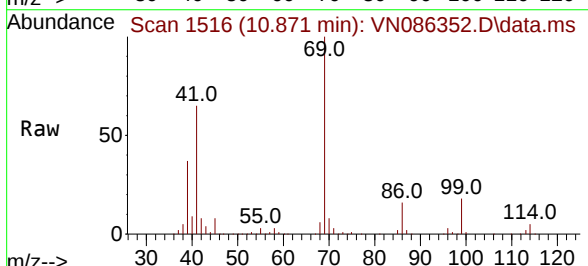
Tgt Ion:	97	Resp:	116870
Ion	Ratio	Lower	Upper
97	100		
83	91.1	68.4	102.6
85	58.2	43.9	65.9
99	64.1	47.2	70.8

Manual Integrations
APPROVED

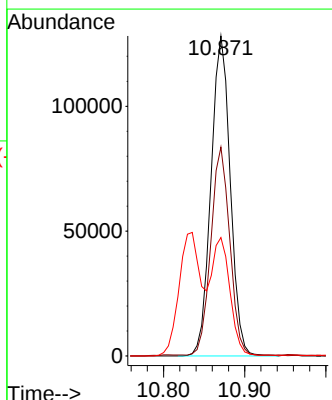
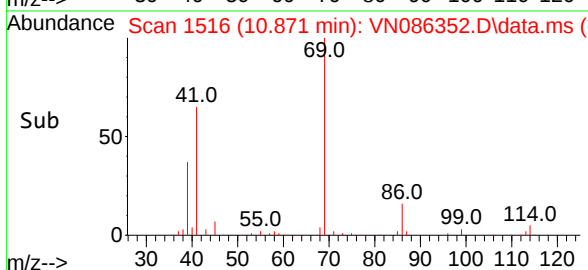
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

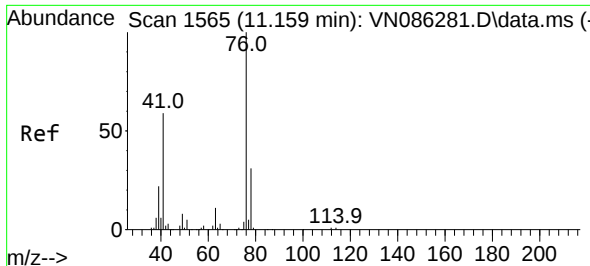


#56
Ethyl methacrylate
Concen: 50.219 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32



Tgt Ion:	69	Resp:	211380
Ion	Ratio	Lower	Upper
69	100		
41	63.7	51.7	77.5
39	34.5	26.3	39.5





#57

1,3-Dichloropropane

Concen: 50.901 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN086352.D

Acq: 18 Apr 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 20679

Ion Ratio Lower Upper

76 100

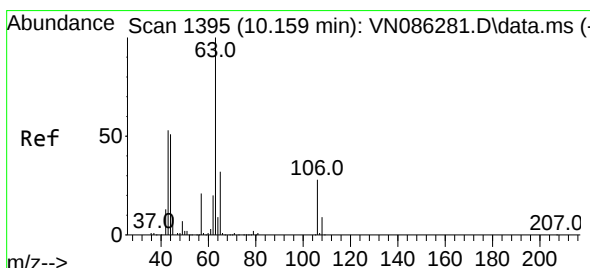
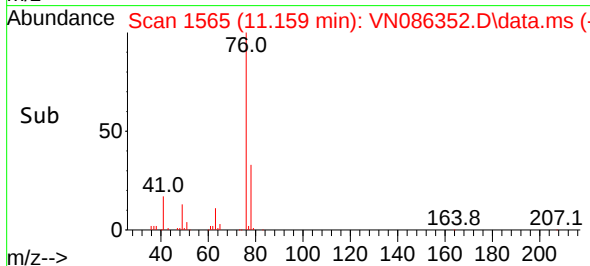
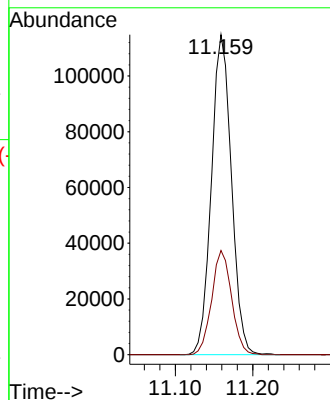
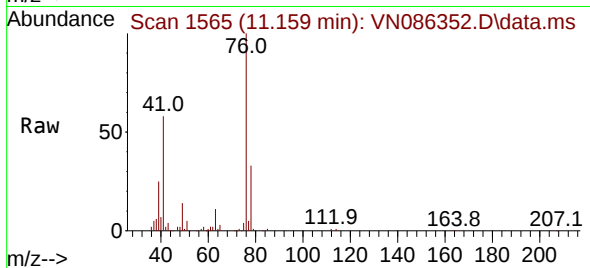
78 32.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 240.905 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086352.D

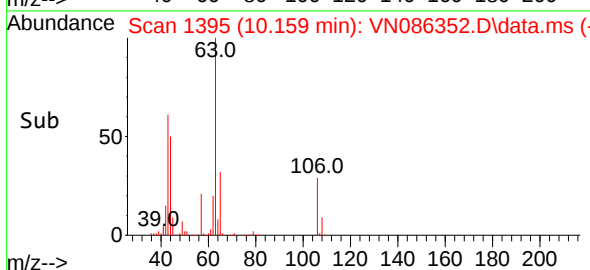
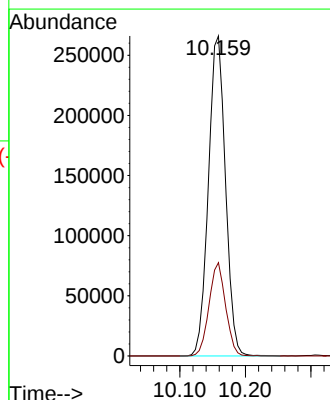
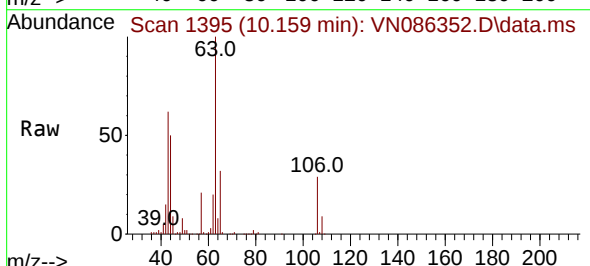
Acq: 18 Apr 2025 18:32

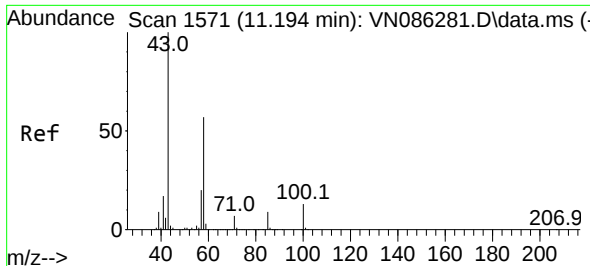
Tgt Ion: 63 Resp: 481279

Ion Ratio Lower Upper

63 100

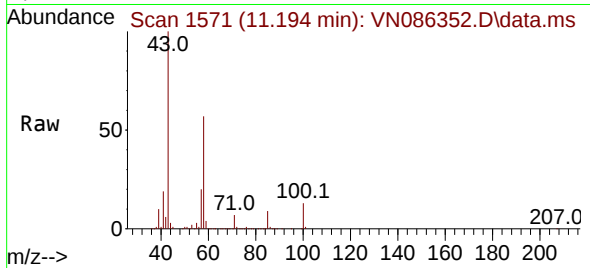
106 28.2 22.2 33.2





#59
2-Hexanone
Concen: 243.997 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

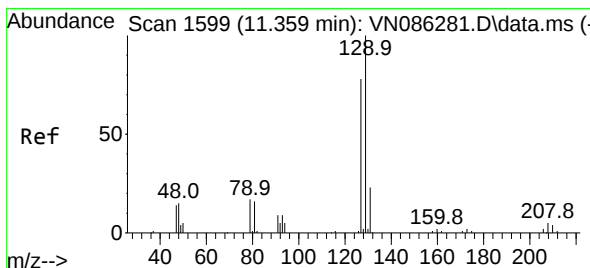
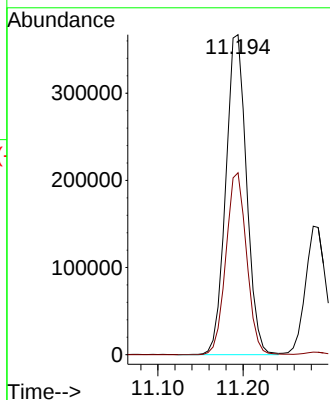
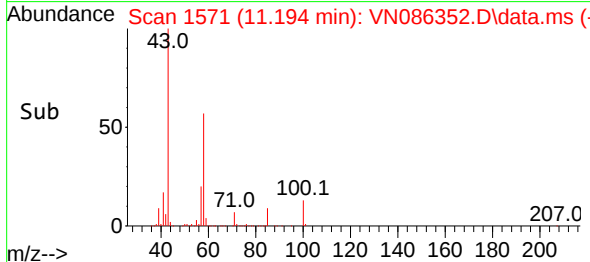
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



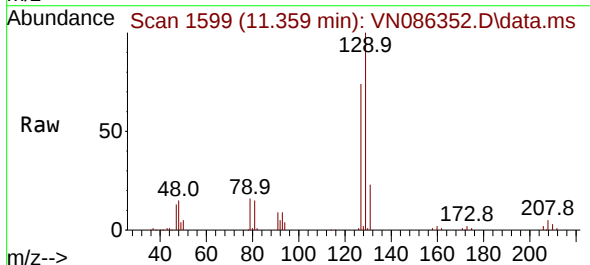
Tgt Ion: 43 Resp: 621138
Ion Ratio Lower Upper
43 100
58 56.6 28.3 85.0

Manual Integrations
APPROVED

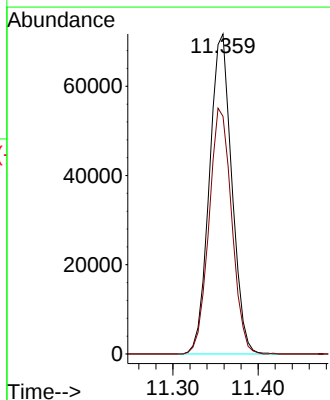
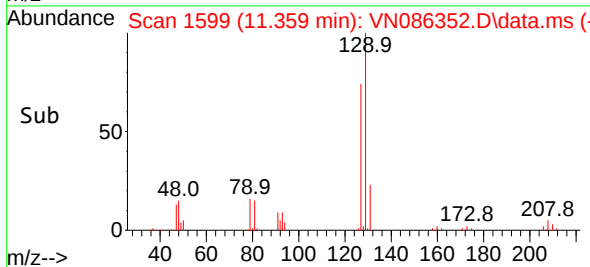
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

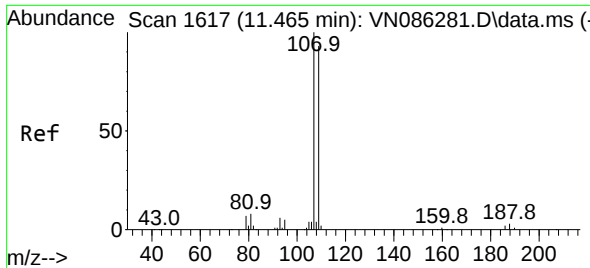


#60
Dibromochloromethane
Concen: 52.109 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32



Tgt Ion:129 Resp: 131028
Ion Ratio Lower Upper
129 100
127 77.7 38.7 116.1





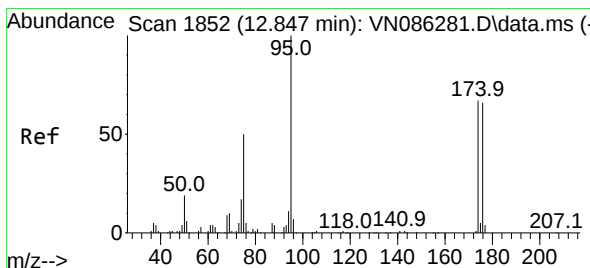
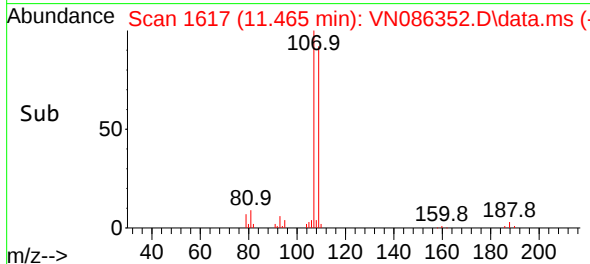
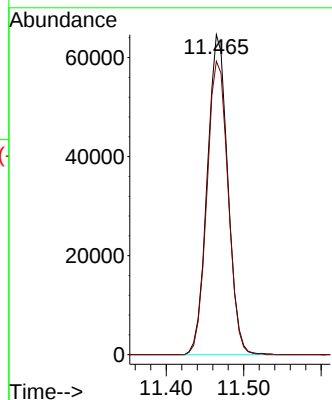
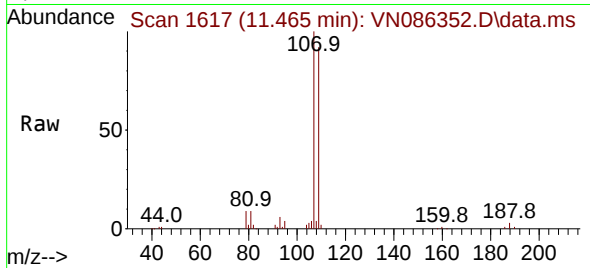
#61
1,2-Dibromoethane
Concen: 51.527 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 119056
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.0

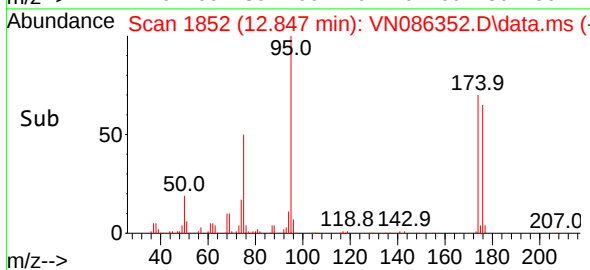
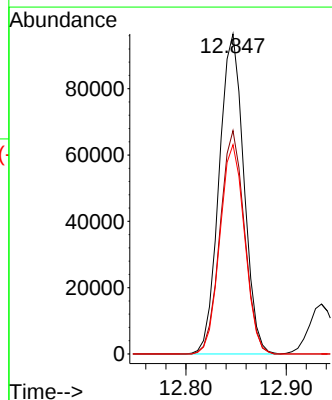
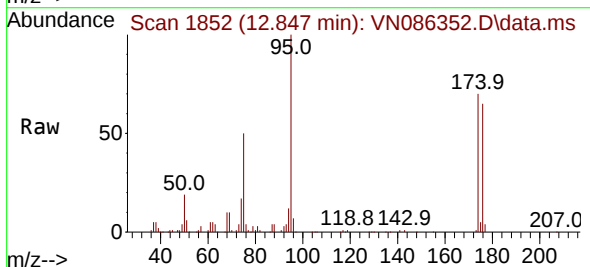
Manual Integrations
APPROVED

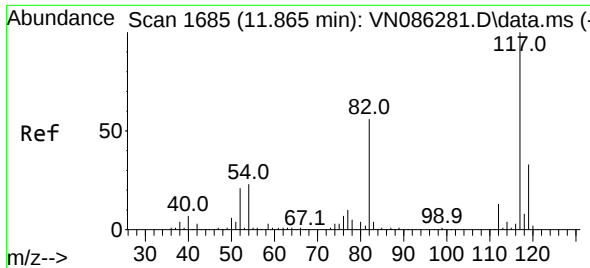
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#62
4-Bromofluorobenzene
Concen: 53.012 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

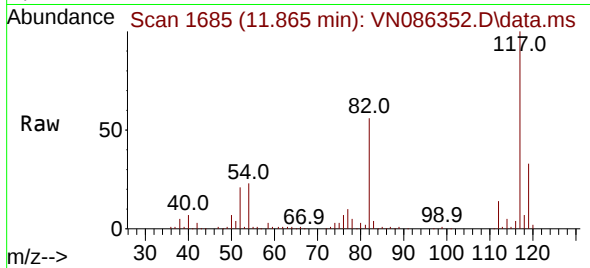
Tgt Ion: 95 Resp: 164711
Ion Ratio Lower Upper
95 100
174 68.9 0.0 133.4
176 65.4 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

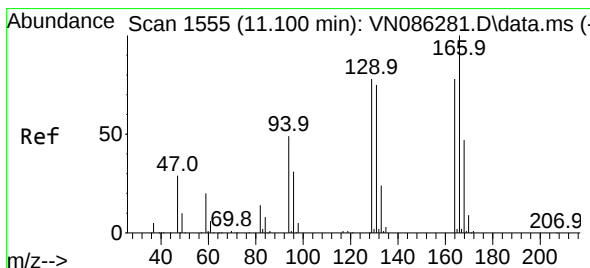
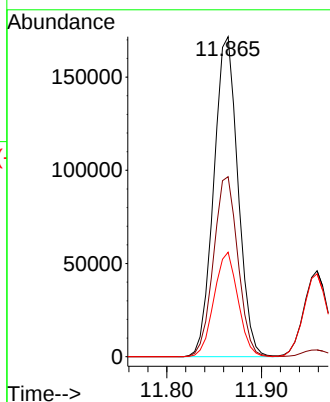
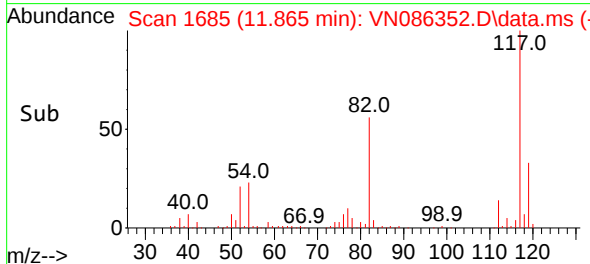
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 30510
Ion Ratio Lower Upper
117 100
82 56.2 44.7 67.1
119 32.7 26.4 39.6

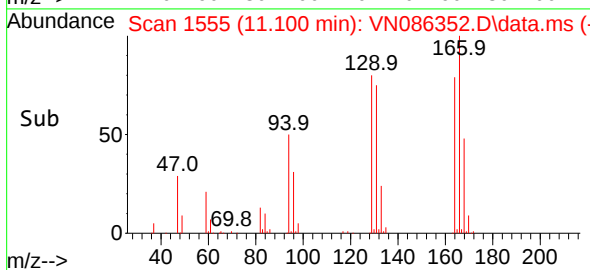
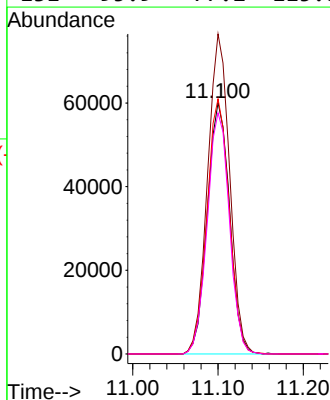
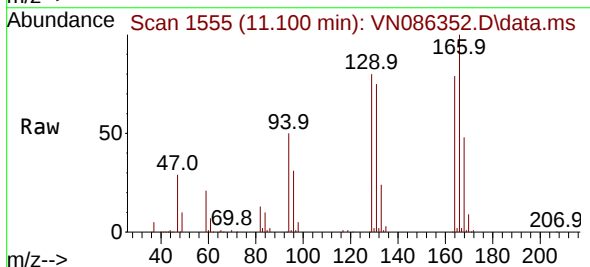
Manual Integrations
APPROVED

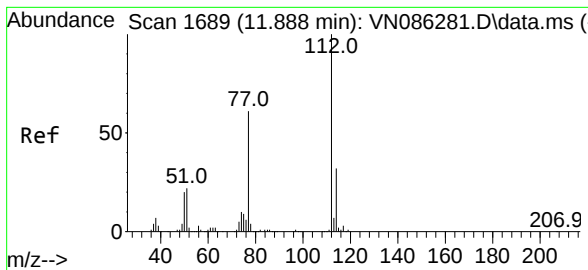
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#64
Tetrachloroethene
Concen: 46.687 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

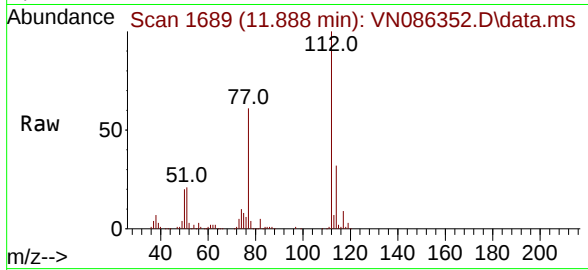
Tgt Ion:164 Resp: 109569
Ion Ratio Lower Upper
164 100
166 127.3 103.0 154.4
129 101.4 80.1 120.1
131 95.9 77.2 115.8





#65
Chlorobenzene
Concen: 50.215 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

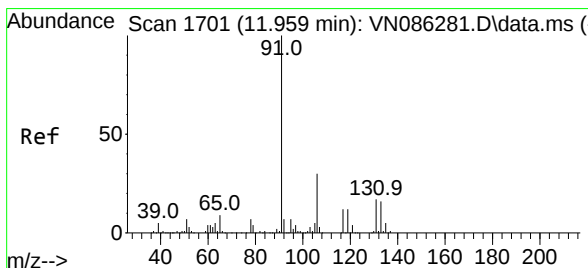
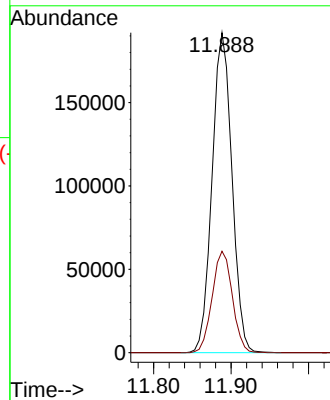
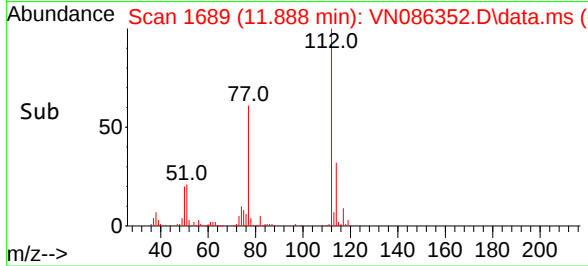
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



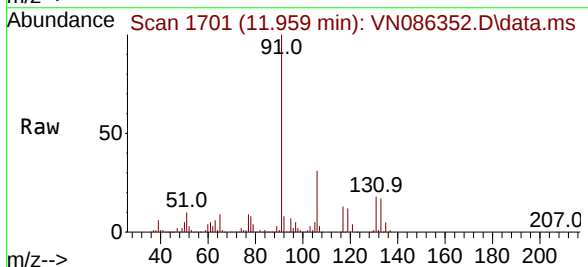
Tgt Ion:112 Resp: 34191
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0

Manual Integrations
APPROVED

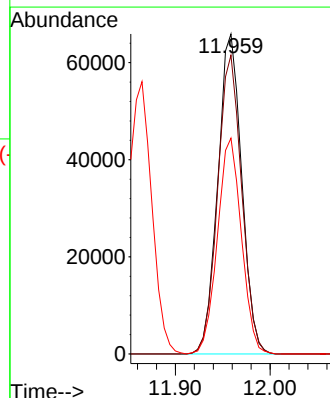
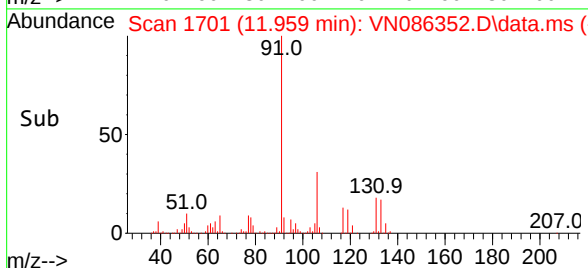
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

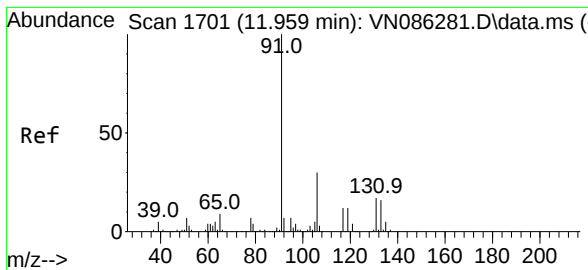


#66
1,1,1,2-Tetrachloroethane
Concen: 51.493 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32



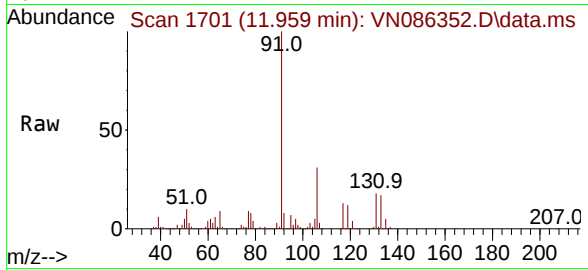
Tgt Ion:131 Resp: 115666
Ion Ratio Lower Upper
131 100
133 94.0 47.1 141.3
119 67.8 33.8 101.4





#67
Ethyl Benzene
Concen: 50.256 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

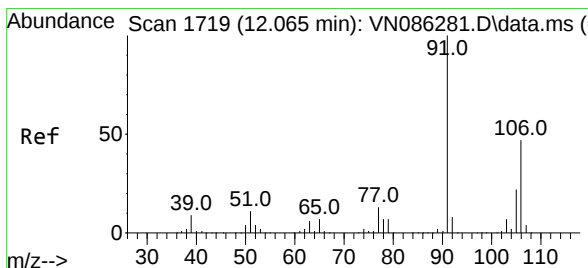
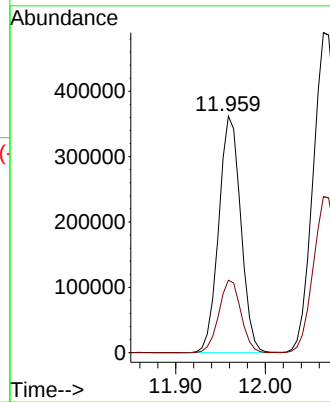
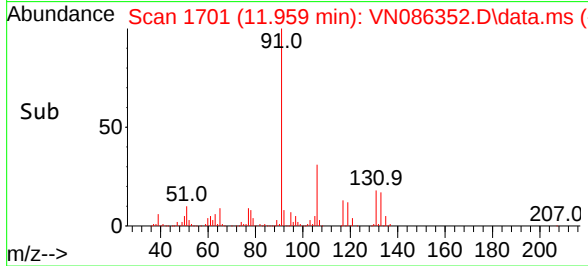
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



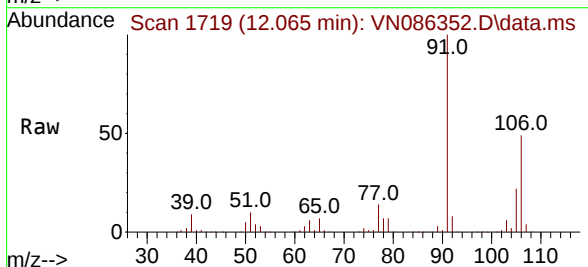
Tgt Ion: 91 Resp: 617490
Ion Ratio Lower Upper
91 100
106 30.6 24.3 36.5

Manual Integrations
APPROVED

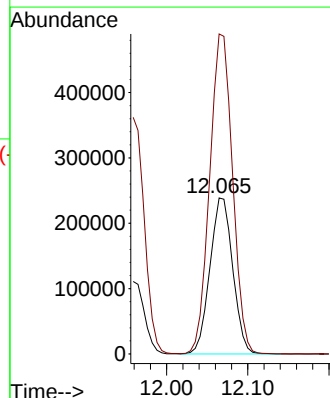
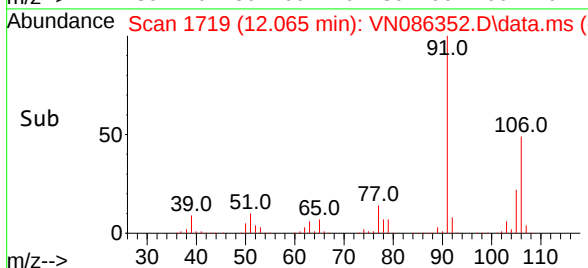
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

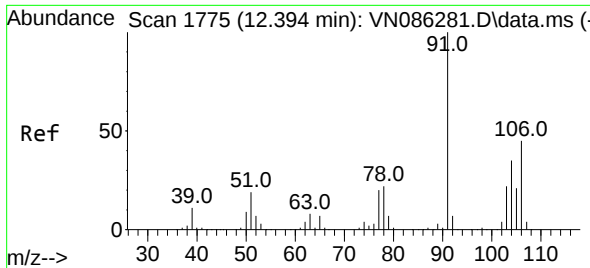


#68
m/p-Xylenes
Concen: 101.173 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32



Tgt Ion:106 Resp: 465785
Ion Ratio Lower Upper
106 100
91 206.1 166.5 249.7





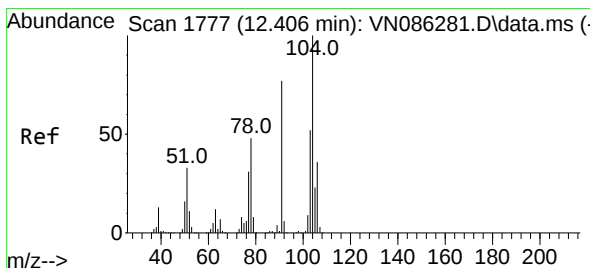
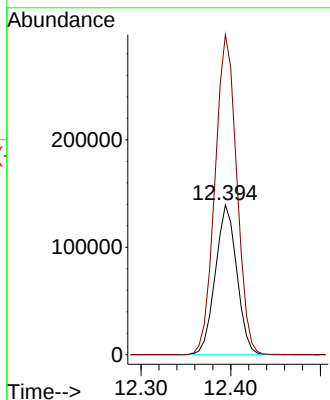
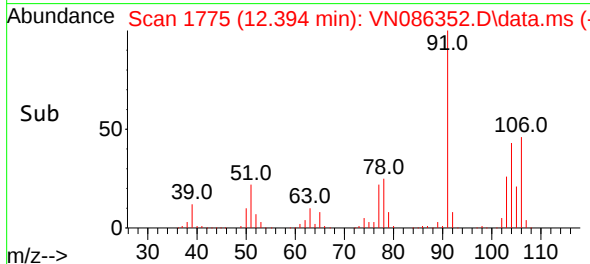
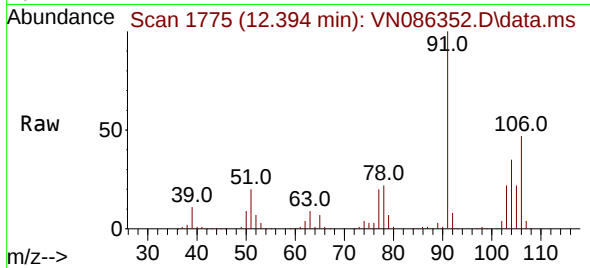
#69
o-Xylene
Concen: 50.772 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 231160
Ion Ratio Lower Upper
106 100
91 217.1 109.7 329.0

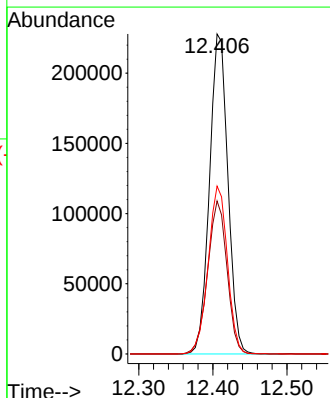
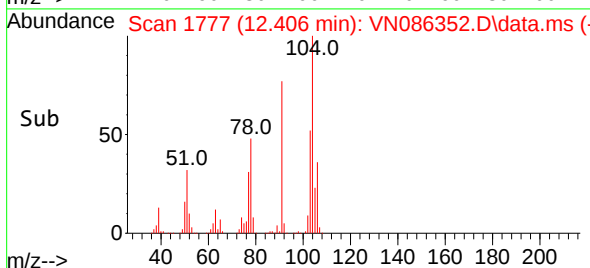
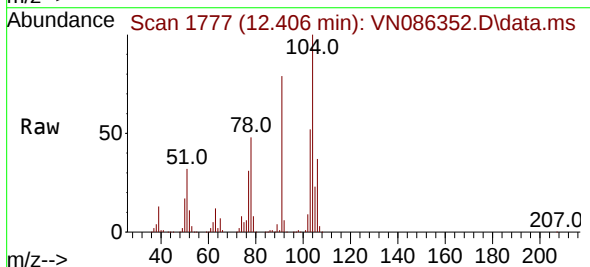
Manual Integrations
APPROVED

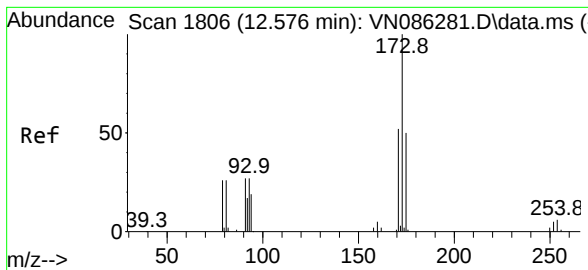
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#70
Styrene
Concen: 51.824 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

Tgt Ion:104 Resp: 393142
Ion Ratio Lower Upper
104 100
78 50.2 40.6 61.0
103 54.9 43.6 65.4





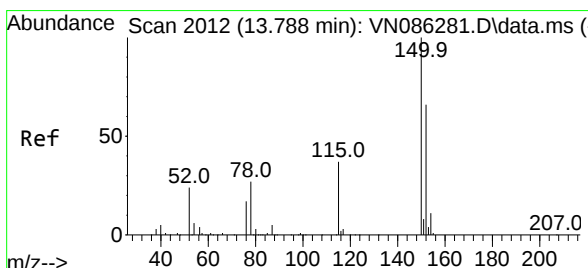
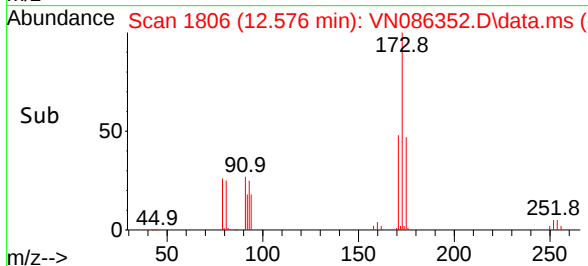
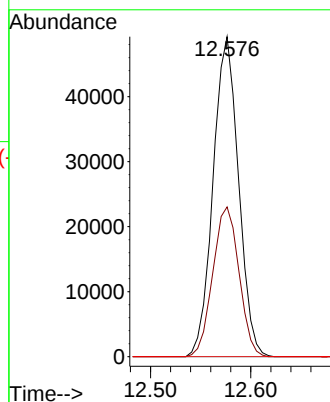
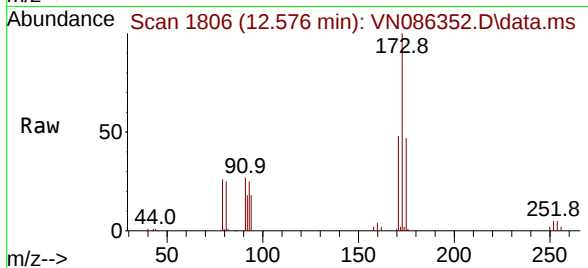
#71
Bromoform
Concen: 51.204 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 86590
Ion Ratio Lower Upper
173 100
175 48.2 24.6 73.6
254 0.0 0.0 0.0

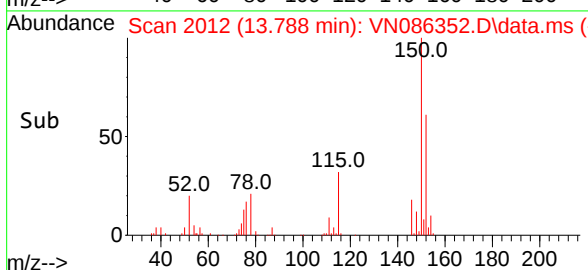
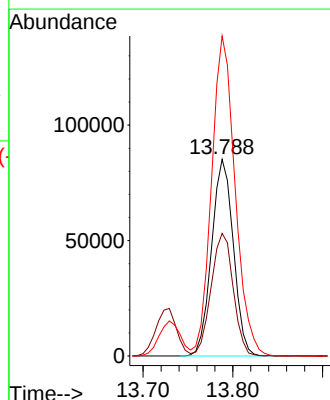
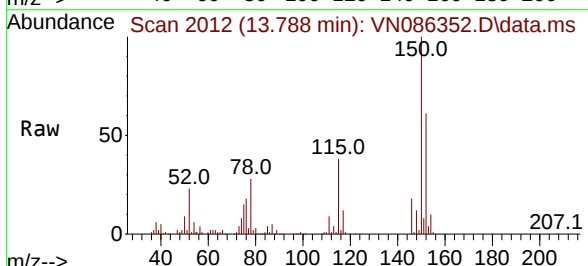
Manual Integrations
APPROVED

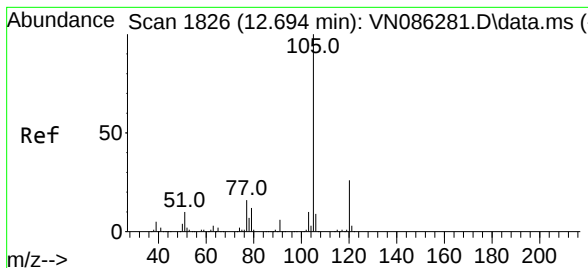
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

Tgt Ion:152 Resp: 143313
Ion Ratio Lower Upper
152 100
115 63.5 31.9 95.9
150 175.9 0.0 352.0





#73

Isopropylbenzene

Concen: 48.568 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086352.D

Acq: 18 Apr 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 569378

Ion Ratio Lower Upper

105 100

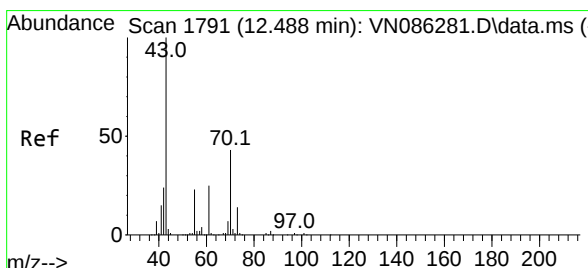
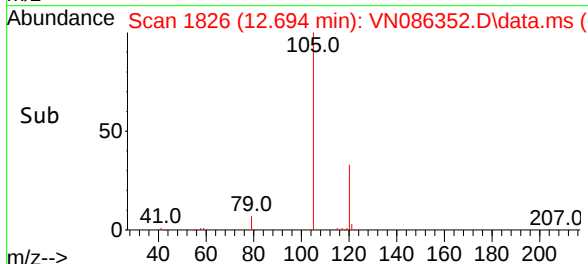
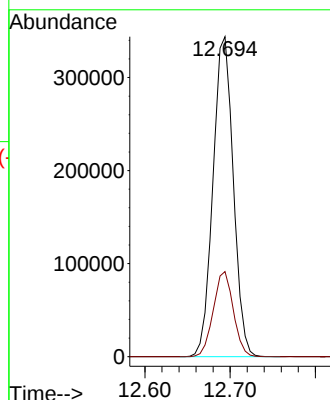
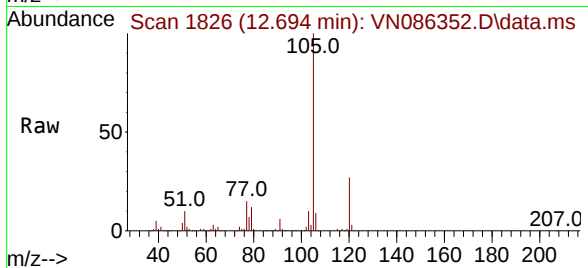
120 26.2 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#74

N-ethyl acetate

Concen: 46.335 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VN086352.D

Acq: 18 Apr 2025 18:32

Tgt Ion: 43 Resp: 270421

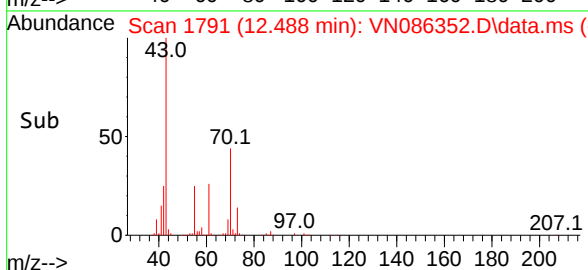
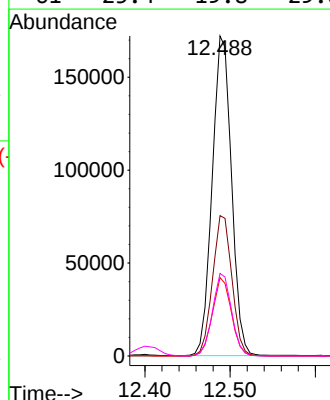
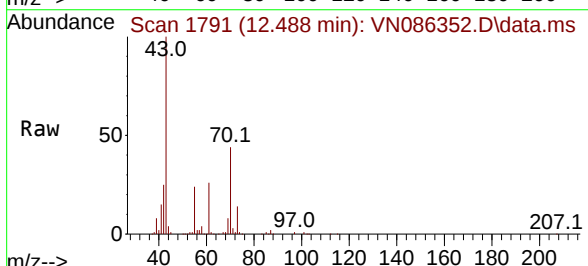
Ion Ratio Lower Upper

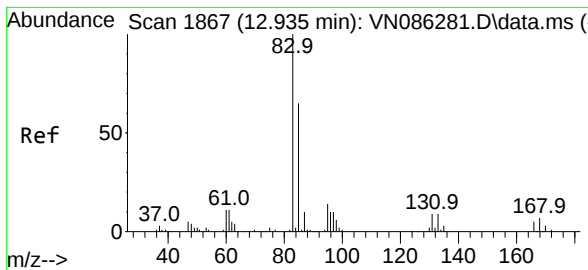
43 100

70 44.0 35.0 52.4

55 24.1 19.0 28.4

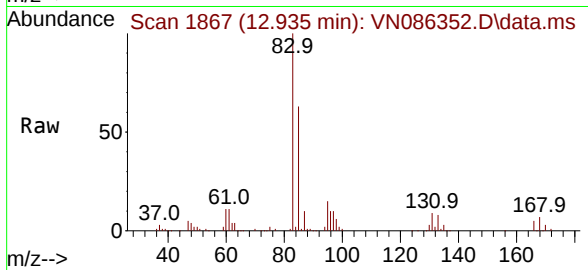
61 25.4 19.8 29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 50.335 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

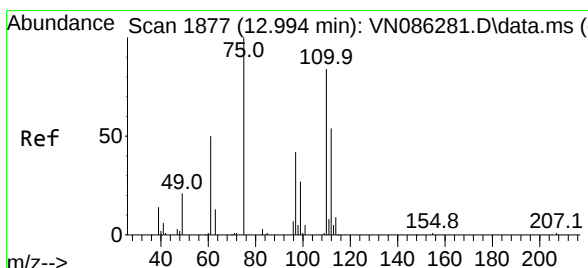
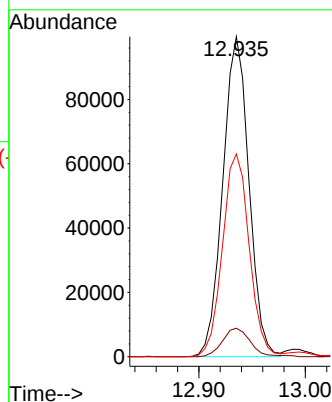
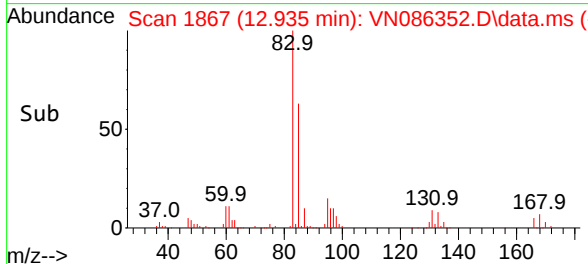
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



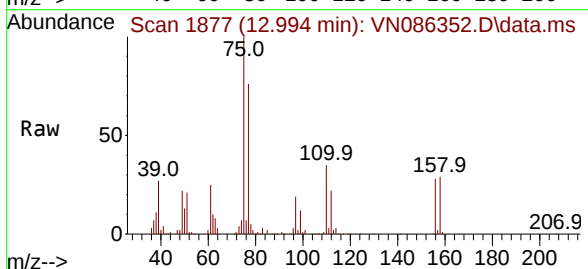
Tgt Ion: 83 Resp: 169668
Ion Ratio Lower Upper
83 100
131 9.5 4.7 14.1
85 64.7 32.7 98.1

Manual Integrations
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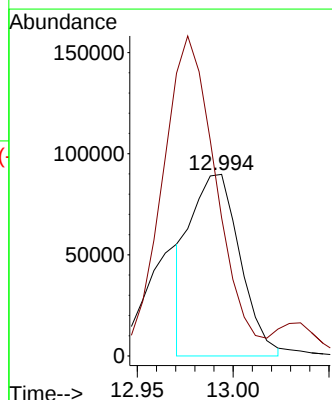
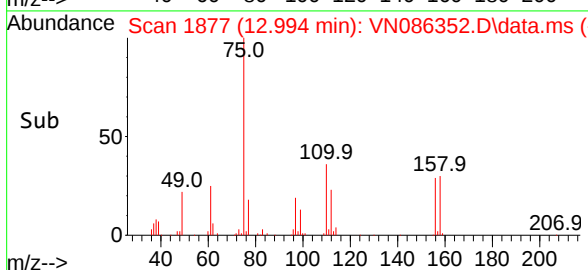
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

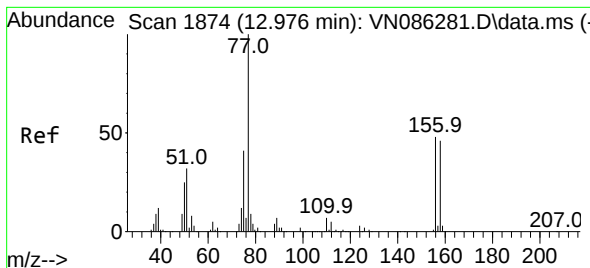


#76
1,2,3-Trichloropropane
Concen: 47.629 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32



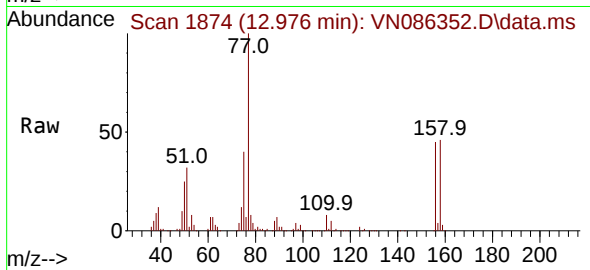
Tgt Ion: 75 Resp: 161080
Ion Ratio Lower Upper
75 100
77 194.2 98.8 296.4





#77
Bromobenzene
Concen: 49.498 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

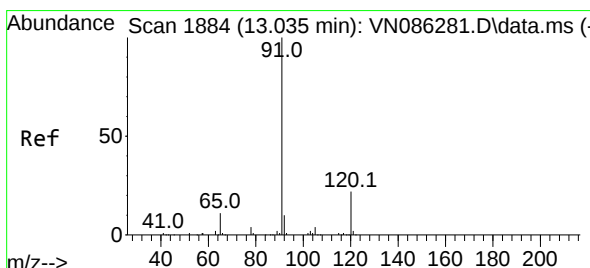
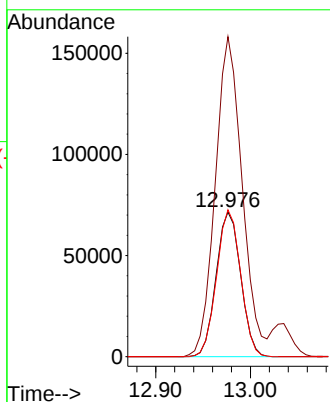
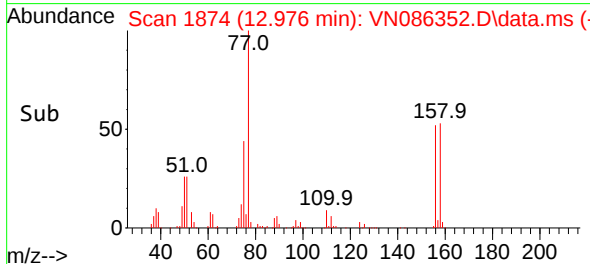
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



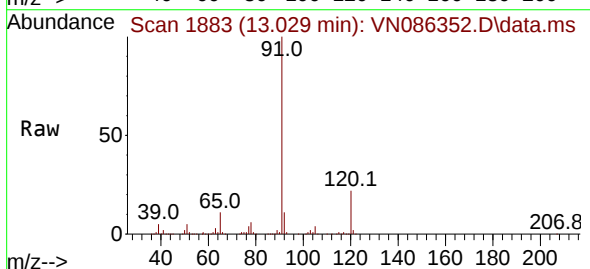
Tgt Ion:156 Resp: 128574
Ion Ratio Lower Upper
156 100
77 243.3 121.1 363.1
158 99.5 47.9 143.6

Manual Integrations
APPROVED

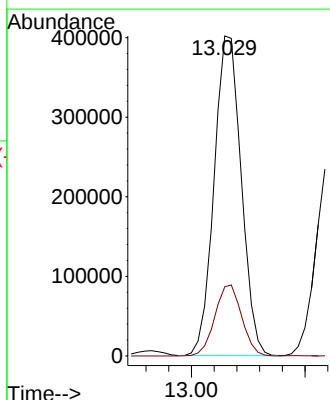
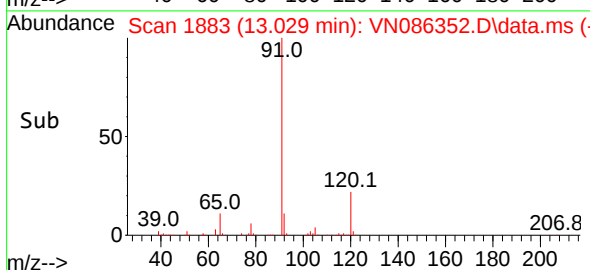
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

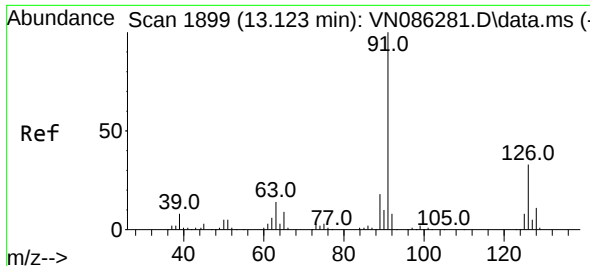


#78
n-propylbenzene
Concen: 48.189 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32



Tgt Ion: 91 Resp: 665697
Ion Ratio Lower Upper
91 100
120 22.0 11.1 33.3





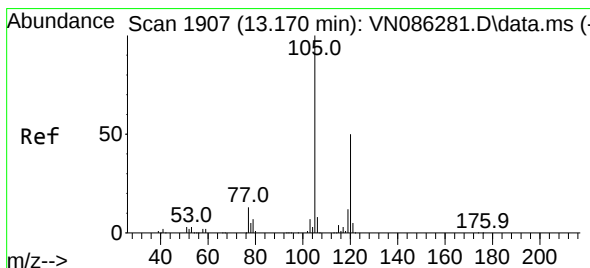
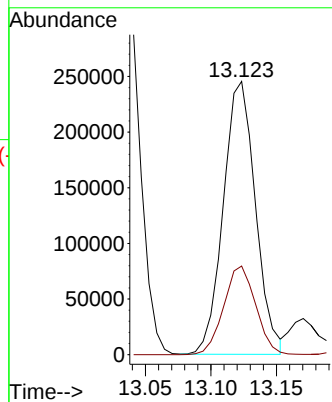
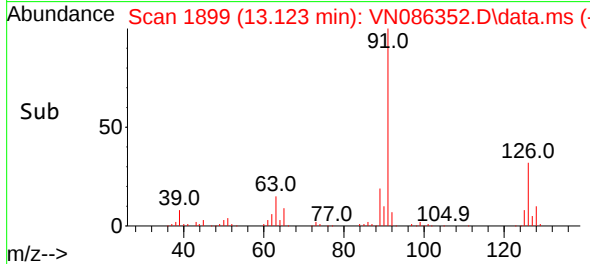
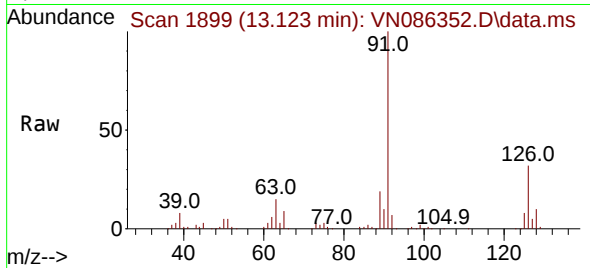
#79
2-Chlorotoluene
Concen: 48.431 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 418650
Ion Ratio Lower Upper
91 100
126 32.4 16.1 48.2

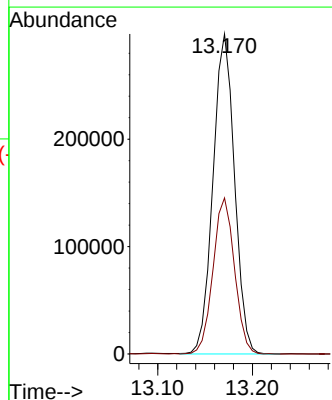
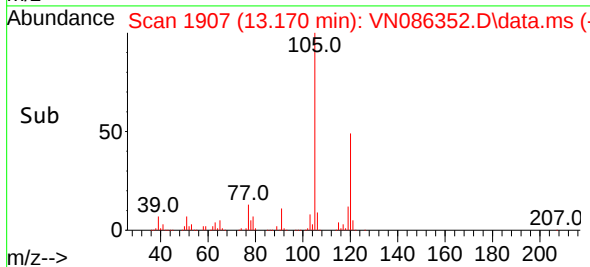
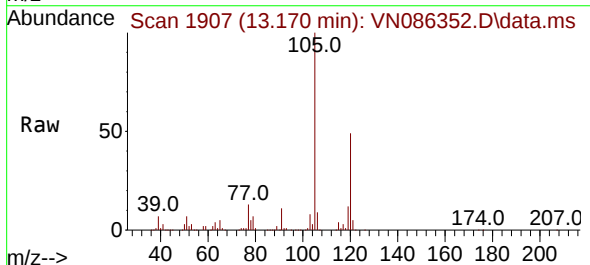
Manual Integrations
APPROVED

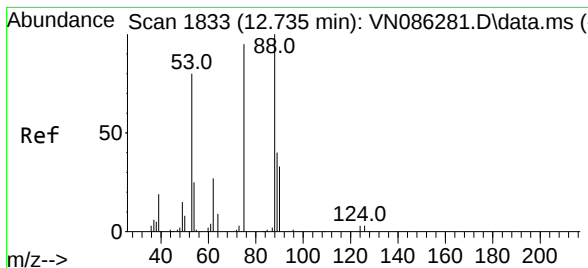
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 48.993 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

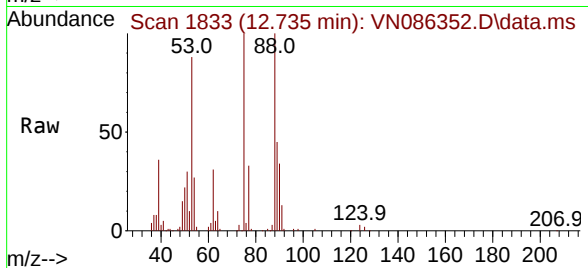
Tgt Ion:105 Resp: 470098
Ion Ratio Lower Upper
105 100
120 48.6 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 46.638 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

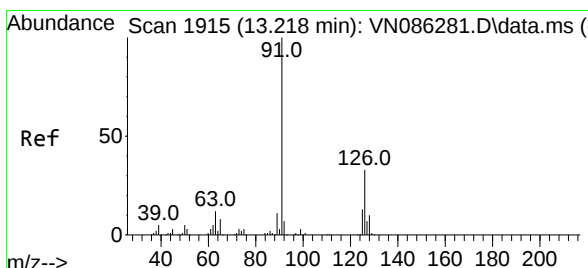
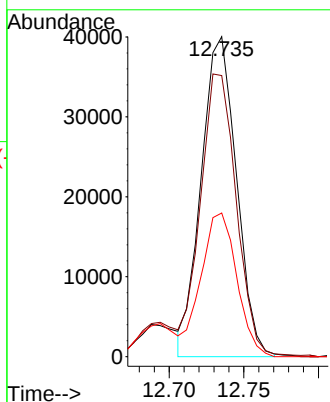
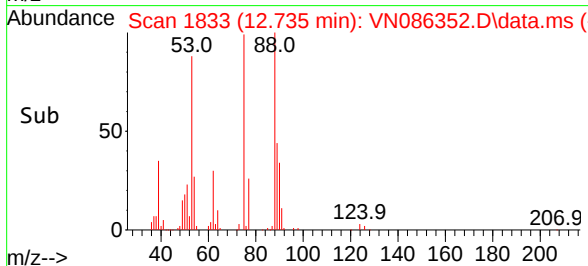
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 65670
Ion Ratio Lower Upper
75 100
53 90.4 79.2 118.8
89 46.0 35.7 53.5

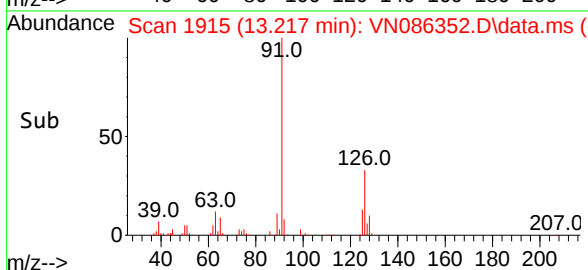
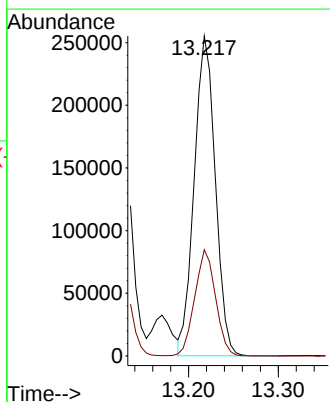
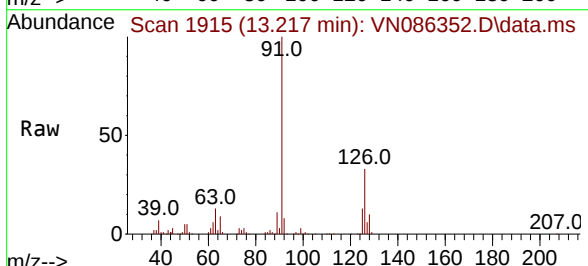
Manual Integrations
APPROVED

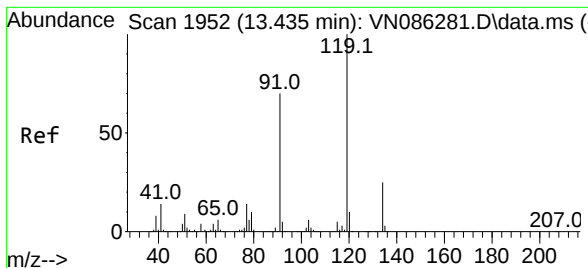
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#82
4-Chlorotoluene
Concen: 48.362 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

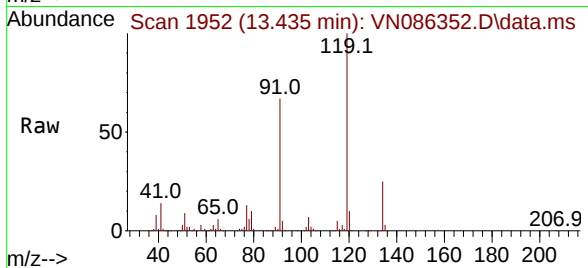
Tgt Ion: 91 Resp: 415279
Ion Ratio Lower Upper
91 100
126 33.0 16.2 48.6





#83
tert-Butylbenzene
Concen: 48.061 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

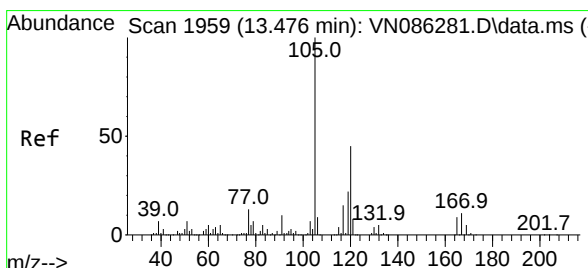
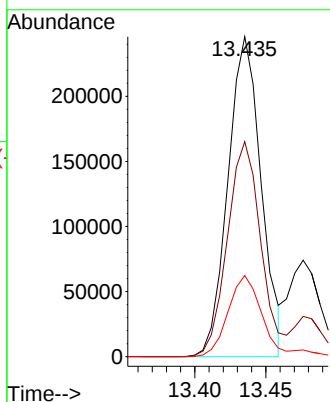
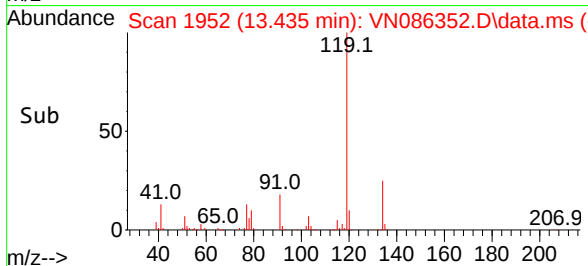
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



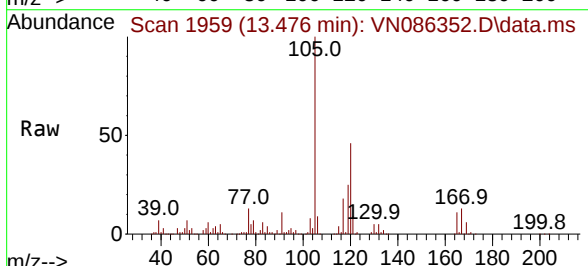
Tgt Ion:119 Resp: 399578
Ion Ratio Lower Upper
119 100
91 68.2 34.4 103.3
134 26.7 13.0 39.0

Manual Integrations
APPROVED

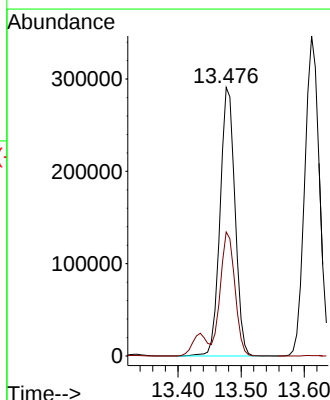
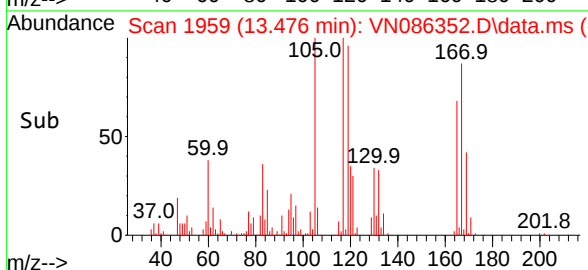
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

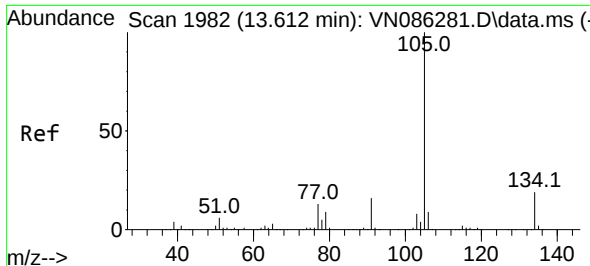


#84
1,2,4-Trimethylbenzene
Concen: 48.931 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32



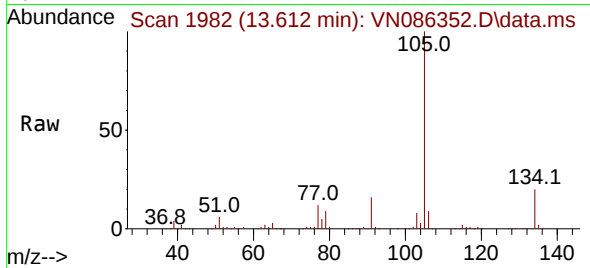
Tgt Ion:105 Resp: 477910
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 48.350 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086352.D
 Acq: 18 Apr 2025 18:32

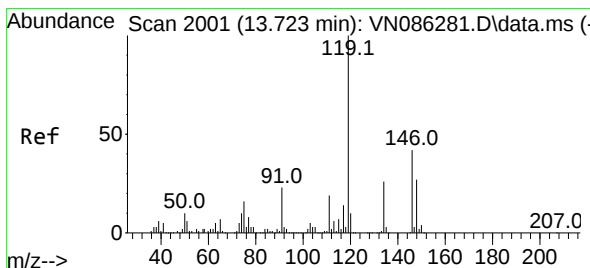
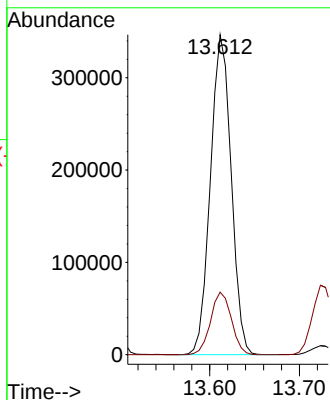
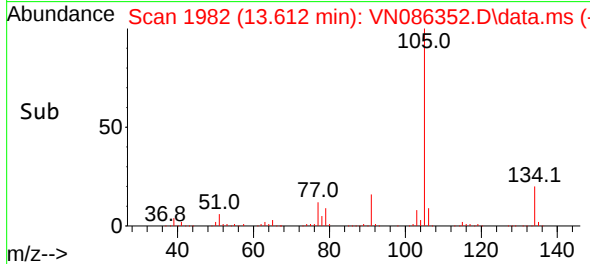
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



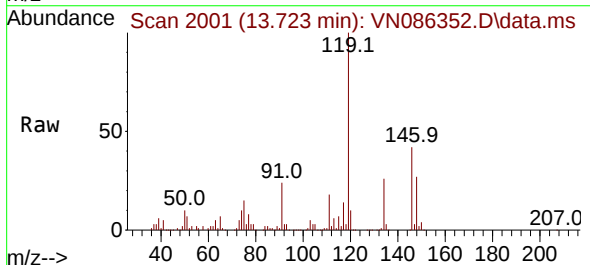
Tgt Ion:105 Resp: 557574
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 29.1

Manual Integrations
 APPROVED

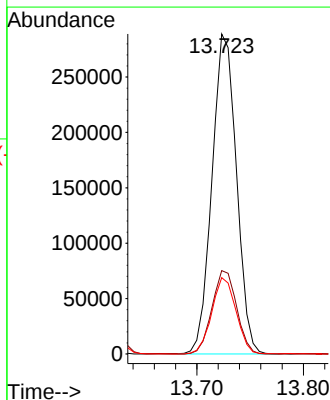
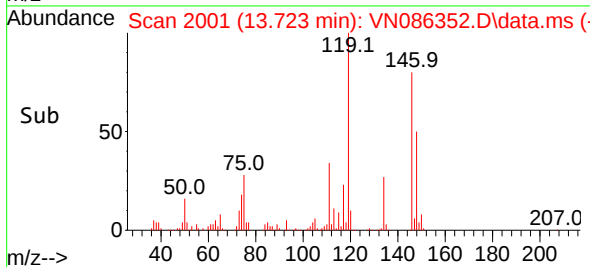
Reviewed By :John Carlone 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025

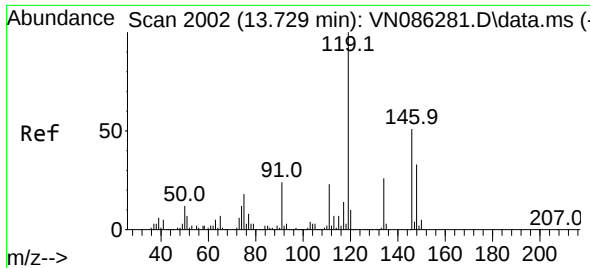


#86
 p-Isopropyltoluene
 Concen: 48.456 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086352.D
 Acq: 18 Apr 2025 18:32



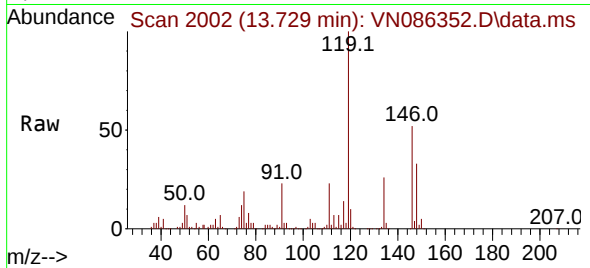
Tgt Ion:119 Resp: 460590
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 23.7 11.9 35.9





#87
1,3-Dichlorobenzene
Concen: 49.487 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

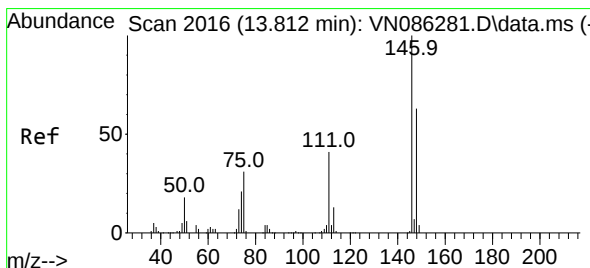
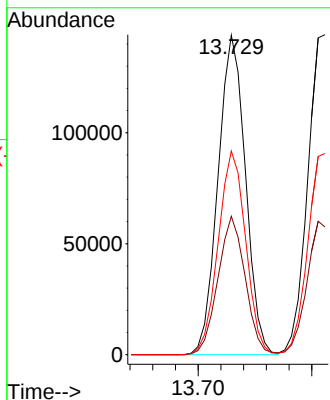
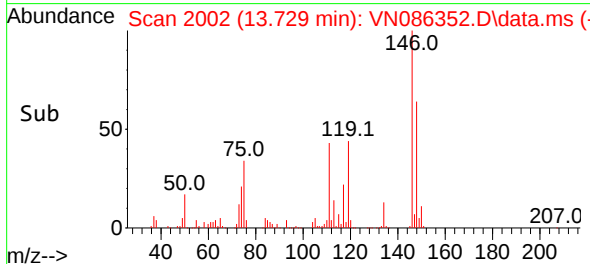
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



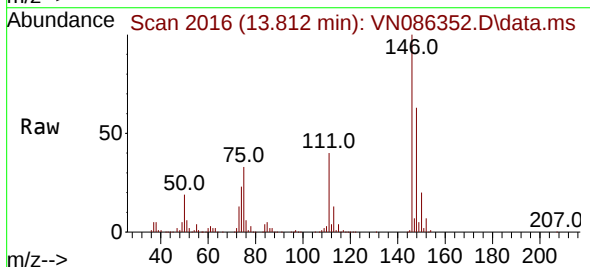
Tgt Ion:146 Resp: 241649
Ion Ratio Lower Upper
146 100
111 43.0 21.9 65.7
148 63.9 31.9 95.5

Manual Integrations
APPROVED

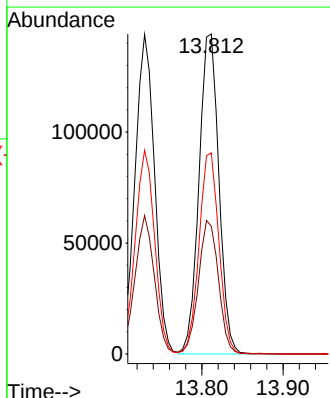
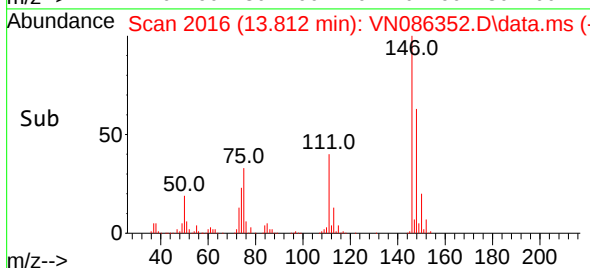
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

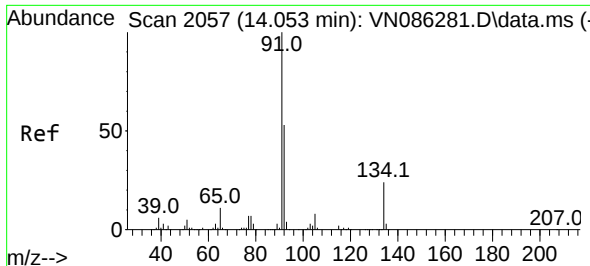


#88
1,4-Dichlorobenzene
Concen: 49.915 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32



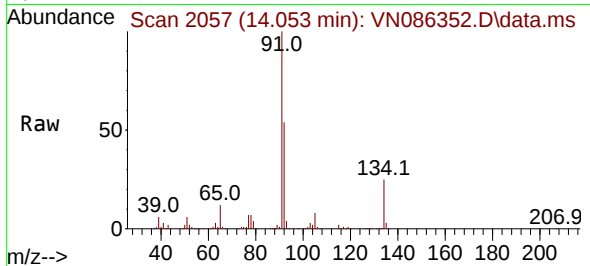
Tgt Ion:146 Resp: 245497
Ion Ratio Lower Upper
146 100
111 42.1 21.3 63.9
148 62.7 31.9 95.9





#89
n-Butylbenzene
Concen: 46.466 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

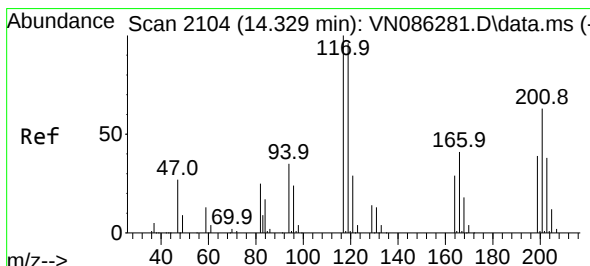
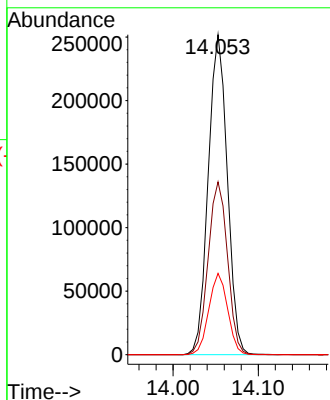
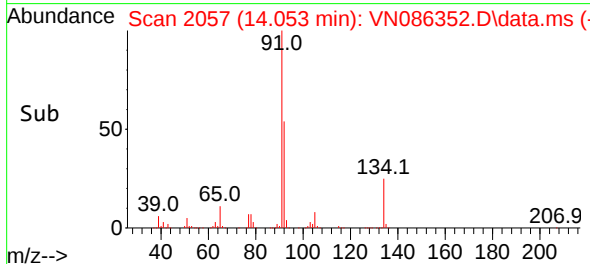
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 391489
Ion Ratio Lower Upper
91 100
92 55.0 26.8 80.4
134 25.1 12.2 36.6

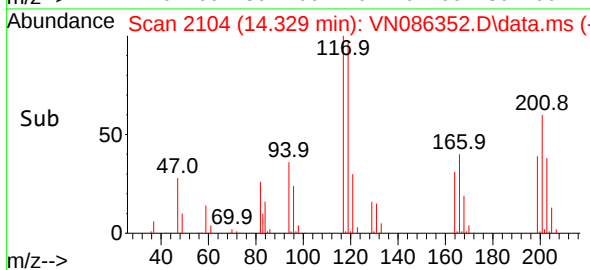
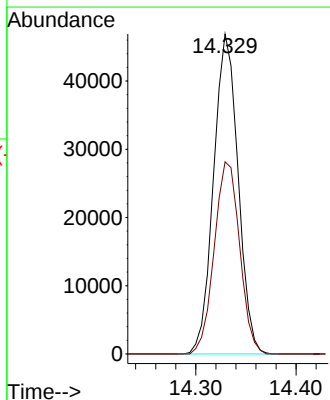
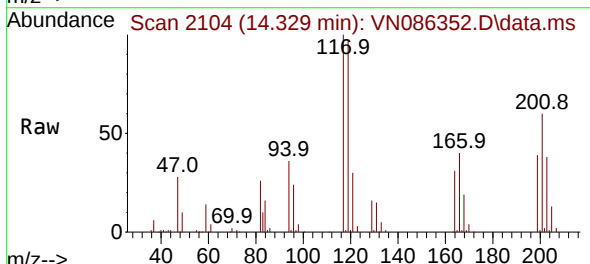
Manual Integrations
APPROVED

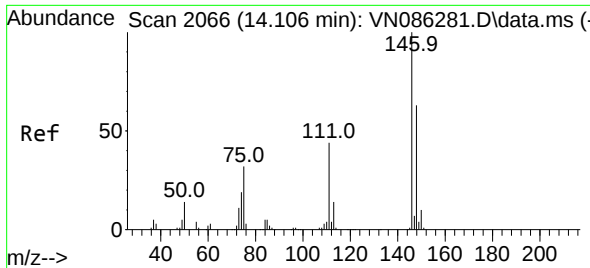
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#90
Hexachloroethane
Concen: 49.700 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

Tgt Ion:117 Resp: 79463
Ion Ratio Lower Upper
117 100
201 62.3 31.4 94.2





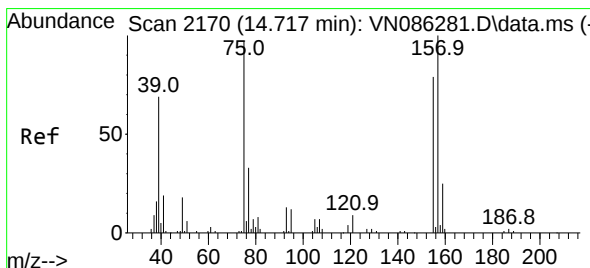
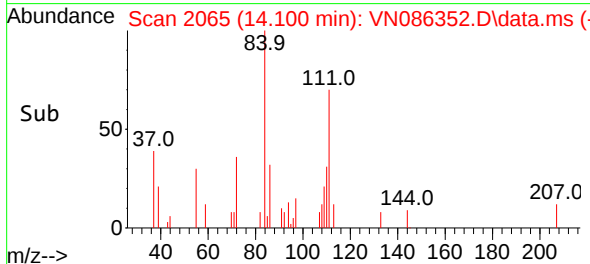
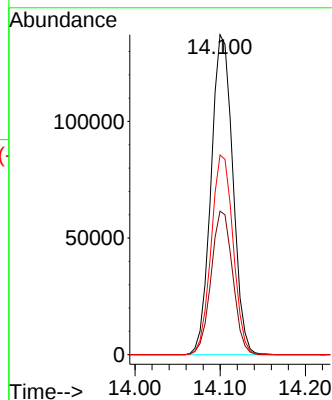
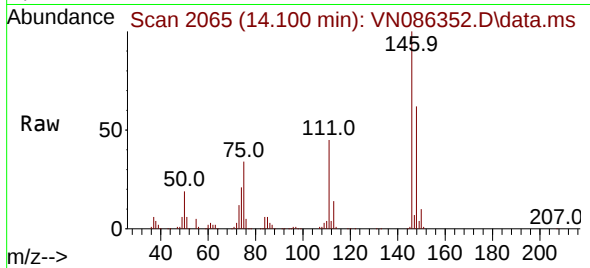
#91
1,2-Dichlorobenzene
Concen: 51.403 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 243354
Ion Ratio Lower Upper
146 100
111 44.5 22.4 67.0
148 62.9 31.8 95.4

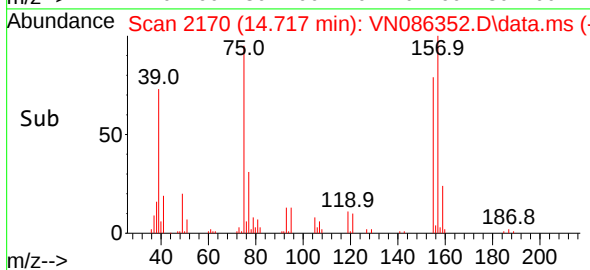
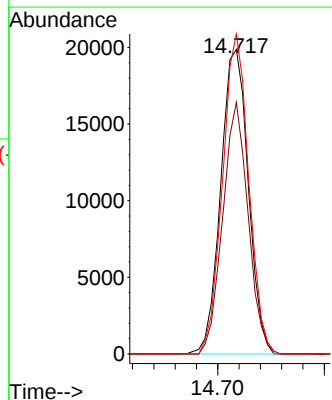
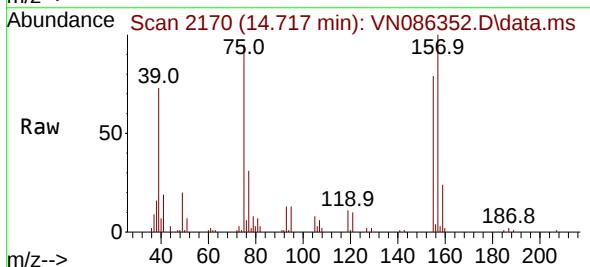
Manual Integrations
APPROVED

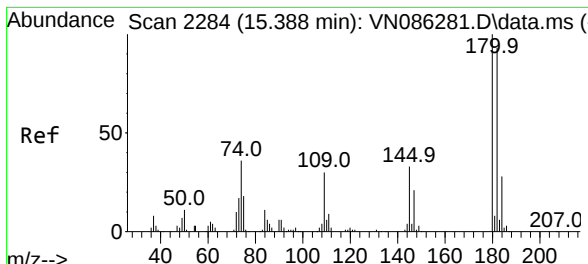
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.395 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

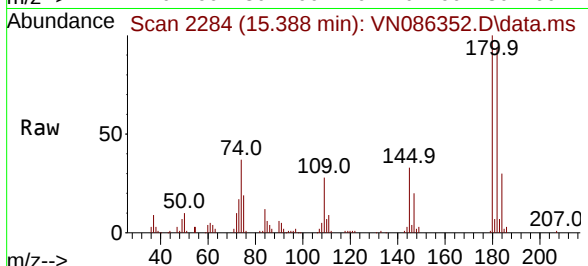
Tgt Ion: 75 Resp: 35611
Ion Ratio Lower Upper
75 100
155 76.2 40.3 120.9
157 99.8 49.0 147.2





#93
1,2,4-Trichlorobenzene
Concen: 50.346 ug/l
RT: 15.388 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

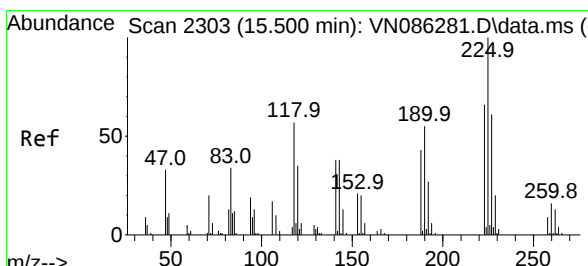
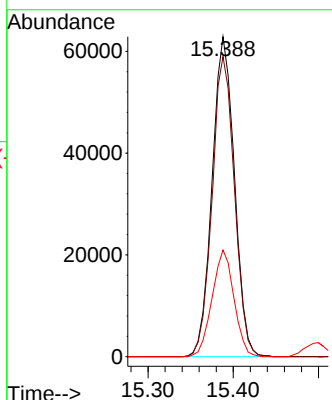
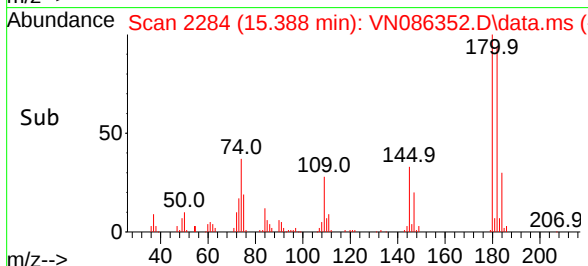
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



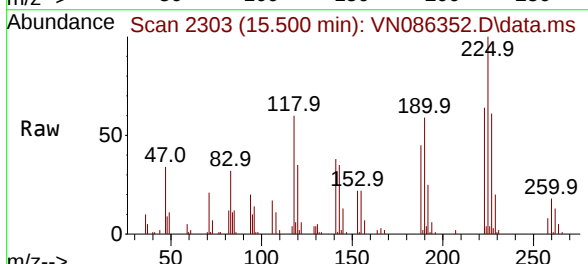
Tgt Ion:180 Resp: 11413
Ion Ratio Lower Upper
180 100
182 93.9 47.0 141.0
145 32.7 16.4 49.1

Manual Integrations
APPROVED

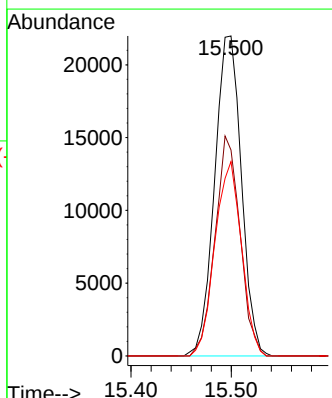
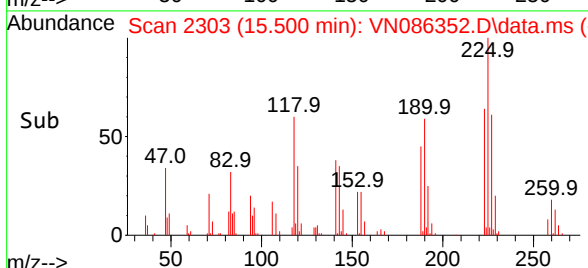
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

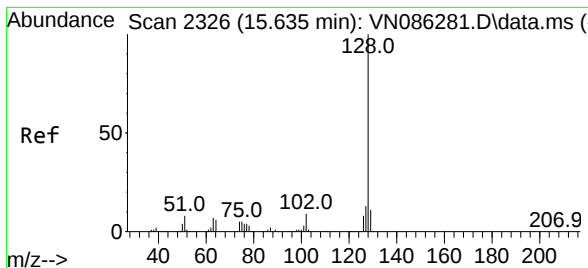


#94
Hexachlorobutadiene
Concen: 47.708 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32



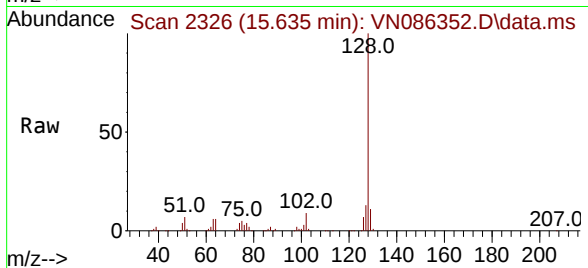
Tgt Ion:225 Resp: 40826
Ion Ratio Lower Upper
225 100
223 64.1 32.8 98.3
227 60.1 31.4 94.0





#95
Naphthalene
Concen: 51.562 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32

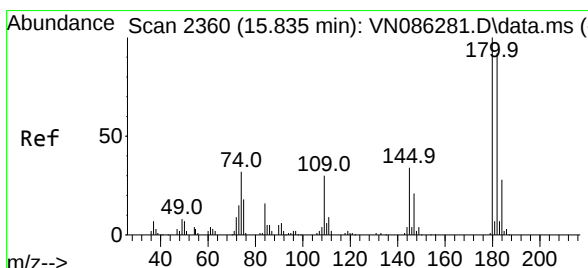
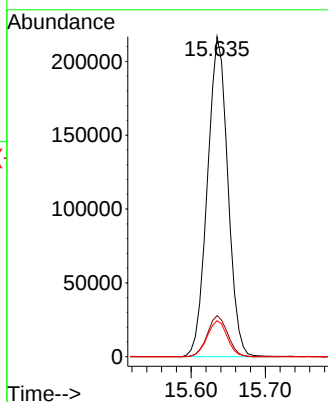
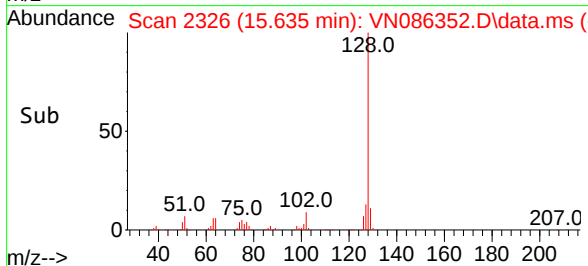
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



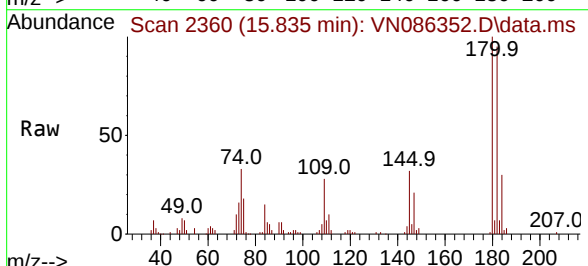
Tgt Ion:128 Resp: 414358
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 49.981 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086352.D
Acq: 18 Apr 2025 18:32



Tgt Ion:180 Resp: 107271
Ion Ratio Lower Upper
180 100
182 96.3 47.3 142.0
145 33.7 17.2 51.5

