

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050925\
 Data File : VN086568.D
 Acq On : 09 May 2025 17:44
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/12/2025
 Supervised By : Mahesh Dadoda 05/12/2025

Quant Time: May 09 23:31:49 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	8.218	168	218018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	379571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	337285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	159158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	146284	46.271	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 92.540%			
35) Dibromofluoromethane	8.159	113	111856	63.495	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 127.000%#			
50) Toluene-d8	10.565	98	466028	49.498	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.000%			
62) 4-Bromofluorobenzene	12.847	95	171714	50.003	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	130268	50.405	ug/l	100
3) Chloromethane	2.359	50	152739	40.664	ug/l	100
4) Vinyl Chloride	2.512	62	147871	41.255	ug/l	100
5) Bromomethane	2.953	94	83517	51.801	ug/l	100
6) Chloroethane	3.118	64	96909	40.397	ug/l	99
7) Trichlorofluoromethane	3.500	101	193230	48.668	ug/l	97
8) Diethyl Ether	3.953	74	75209	43.391	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	113801	47.381	ug/l	96
10) Methyl Iodide	4.589	142	137678	52.139	ug/l	99
11) Tert butyl alcohol	5.512	59	108030	187.281	ug/l	100
12) 1,1-Dichloroethene	4.341	96	117087	45.629	ug/l	97
13) Acrolein	4.177	56	69272	258.022	ug/l	98
14) Allyl chloride	5.018	41	164239	36.004	ug/l	95
15) Acrylonitrile	5.718	53	293911	206.115	ug/l	99
16) Acetone	4.424	43	230358	209.831	ug/l	99
17) Carbon Disulfide	4.712	76	309810	40.322	ug/l	98
18) Methyl Acetate	5.024	43	126411	33.310	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	402256	42.645	ug/l	98
20) Methylene Chloride	5.271	84	130082	44.508	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	121954	45.459	ug/l	91
22) Diisopropyl ether	6.671	45	390053	39.307	ug/l	97
23) Vinyl Acetate	6.600	43	1467567	211.561	ug/l	97
24) 1,1-Dichloroethane	6.565	63	225060	42.985	ug/l	99
25) 2-Butanone	7.477	43	380220	193.216	ug/l	98
26) 2,2-Dichloropropane	7.482	77	200272	42.721	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	151428	45.478	ug/l	94
28) Bromochloromethane	7.812	49	91753	41.330	ug/l	86
29) Tetrahydrofuran	7.835	42	248041	188.494	ug/l	94
30) Chloroform	7.959	83	232071	45.121	ug/l	99
31) Cyclohexane	8.253	56	201873	39.402	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	204859	46.560	ug/l	98
36) 1,1-Dichloropropene	8.365	75	167746	47.674	ug/l	99
37) Ethyl Acetate	7.559	43	152988	41.299	ug/l	100
38) Carbon Tetrachloride	8.359	117	173020	51.635	ug/l	99
39) Methylcyclohexane	9.600	83	189036	45.200	ug/l	96
40) Benzene	8.600	78	534205	47.386	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	85577	39.860	ug/l	94
42) 1,2-Dichloroethane	8.665	62	172988	48.119	ug/l	98
43) Isopropyl Acetate	8.682	43	282527	42.155	ug/l	96
44) Trichloroethene	9.347	130	135376	50.665	ug/l	98
45) 1,2-Dichloropropane	9.618	63	126331	45.780	ug/l	98
46) Dibromomethane	9.706	93	87936	50.014	ug/l	93
47) Bromodichloromethane	9.882	83	183687	48.371	ug/l	100
48) Methyl methacrylate	9.676	41	129557	39.826	ug/l	94
49) 1,4-Dioxane	9.694	88	45378	820.078	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	804394	212.058	ug/l	97
52) Toluene	10.623	92	346093	49.201	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	199440	47.049	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	213397	45.833	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	123932	48.968	ug/l	99
56) Ethyl methacrylate	10.870	69	209064	44.940	ug/l	96
57) 1,3-Dichloropropane	11.159	76	213277	47.497	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	374761	169.725	ug/l	95
59) 2-Hexanone	11.194	43	579587	205.995	ug/l	97
60) Dibromochloromethane	11.353	129	140302	50.484	ug/l	99
61) 1,2-Dibromoethane	11.465	107	129535	50.724	ug/l	99
64) Tetrachloroethene	11.100	164	133887	51.606	ug/l	99
65) Chlorobenzene	11.888	112	375987	49.952	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.953	131	127305	51.268	ug/l	99
67) Ethyl Benzene	11.959	91	655598	48.267	ug/l	99
68) m/p-Xylenes	12.065	106	508971	100.006	ug/l	95
69) o-Xylene	12.394	106	247615	49.197	ug/l	97
70) Styrene	12.406	104	413807	49.343	ug/l	98
71) Bromoform	12.576	173	91696	49.047	ug/l #	100
73) Isopropylbenzene	12.694	105	601956	46.235	ug/l	99
74) N-amyl acetate	12.488	43	242042	37.344	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	168516	45.016	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	159910m	42.576	ug/l	
77) Bromobenzene	12.976	156	145596	50.470	ug/l	89
78) n-propylbenzene	13.029	91	690224	44.990	ug/l	98
79) 2-Chlorotoluene	13.123	91	435484	45.363	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	487584	45.757	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	64760	41.409	ug/l	94
82) 4-Chlorotoluene	13.217	91	436920	45.817	ug/l	98
83) tert-Butylbenzene	13.435	119	424183	45.941	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	496051	45.732	ug/l	99
85) sec-Butylbenzene	13.611	105	575536	44.939	ug/l	99
86) p-Isopropyltoluene	13.723	119	489657	46.385	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	263269	48.547	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	264014	48.336	ug/l	97
89) n-Butylbenzene	14.053	91	409773	43.794	ug/l	99
90) Hexachloroethane	14.329	117	80500	45.336	ug/l	95
91) 1,2-Dichlorobenzene	14.100	146	255001	48.501	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31341	41.522	ug/l	91
93) 1,2,4-Trichlorobenzene	15.388	180	121347	48.199	ug/l	99
94) Hexachlorobutadiene	15.494	225	45205	47.566	ug/l	98
95) Naphthalene	15.635	128	403740	45.239	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	114720	48.130	ug/l	99

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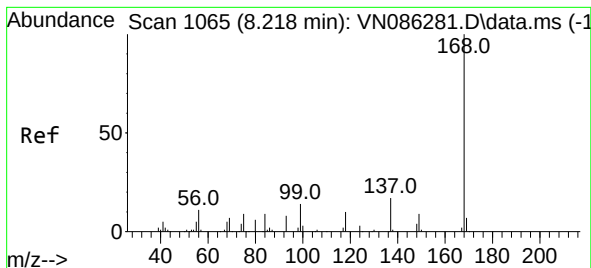
Manual Integrations
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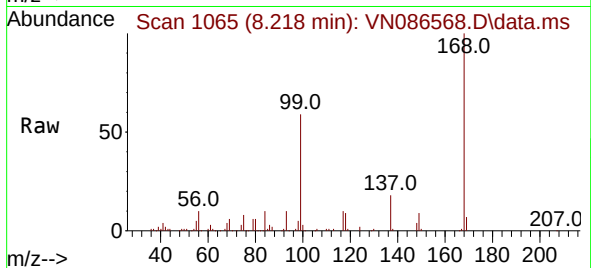
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
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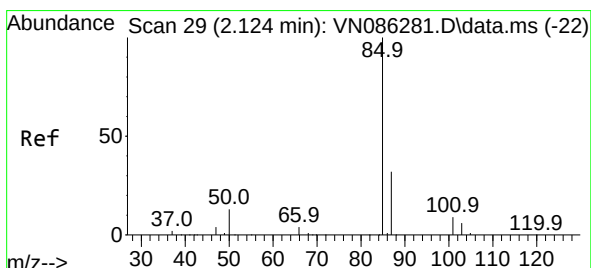
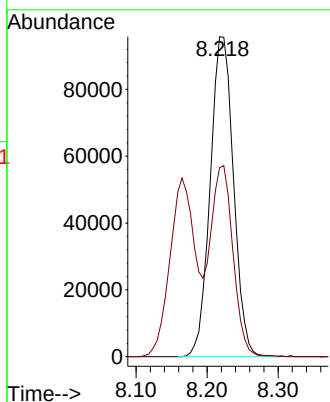
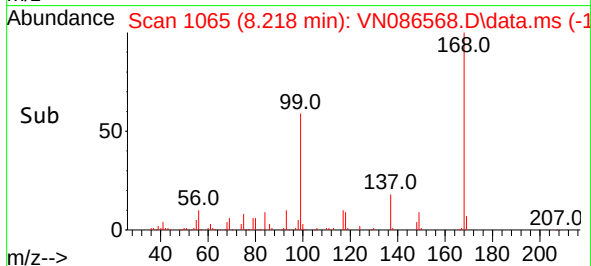
Instrument :
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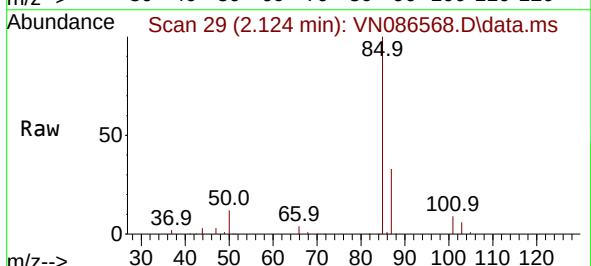
Tgt Ion:168 Resp: 218018
Ion Ratio Lower Upper
168 100
99 58.9 52.5 78.7

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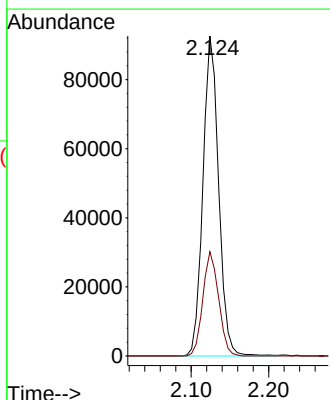
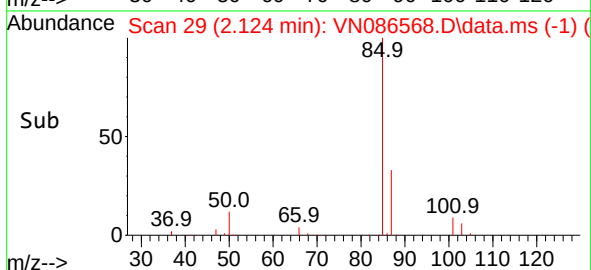
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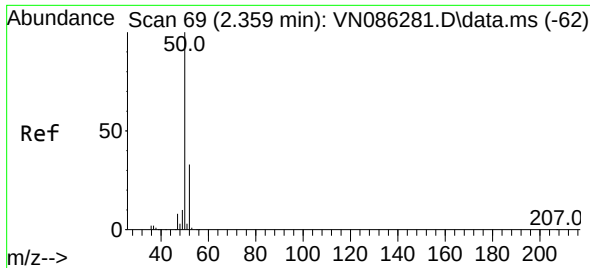


#2
Dichlorodifluoromethane
Concen: 50.405 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44



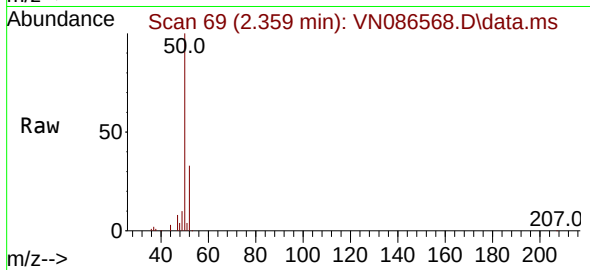
Tgt Ion: 85 Resp: 130268
Ion Ratio Lower Upper
85 100
87 32.6 16.3 48.8





#3
Chloromethane
Concen: 40.664 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

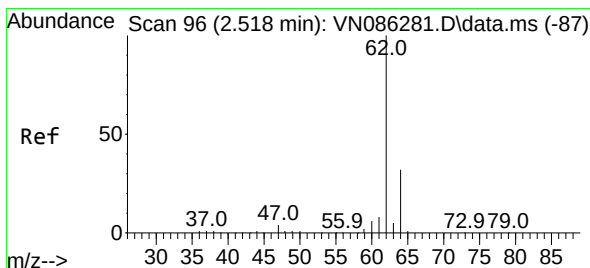
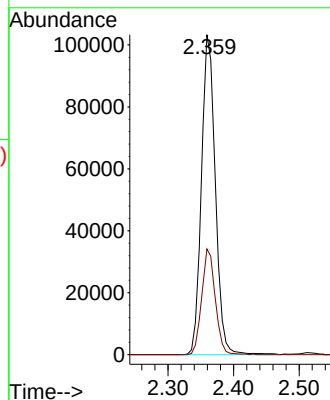
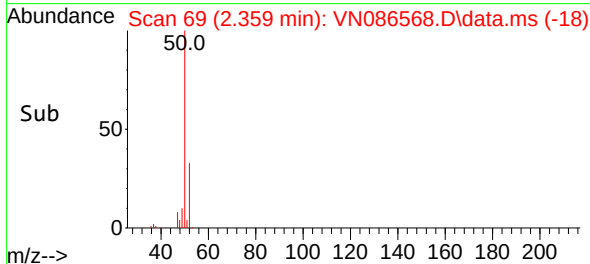
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Tgt Ion: 50 Resp: 152739
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7

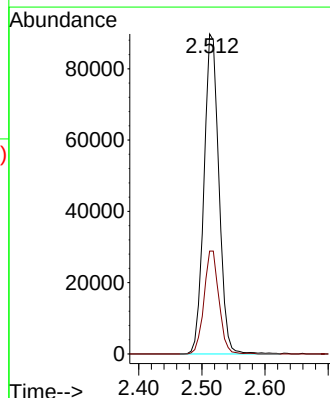
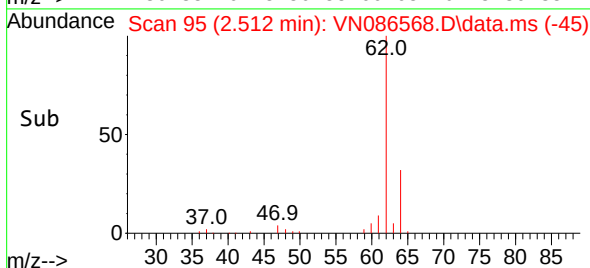
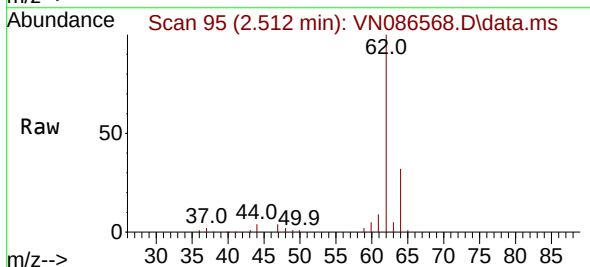
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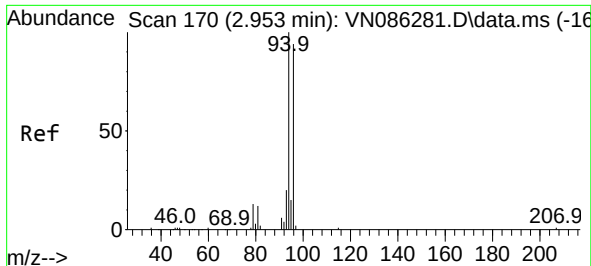
Reviewed By :John Carlone 05/12/2025
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#4
Vinyl Chloride
Concen: 41.255 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086568.D
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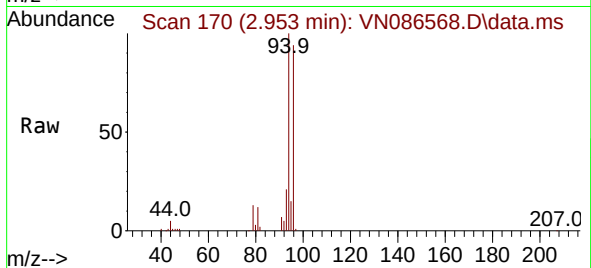
Tgt Ion: 62 Resp: 147871
Ion Ratio Lower Upper
62 100
64 32.2 25.6 38.4





#5
Bromomethane
Concen: 51.801 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

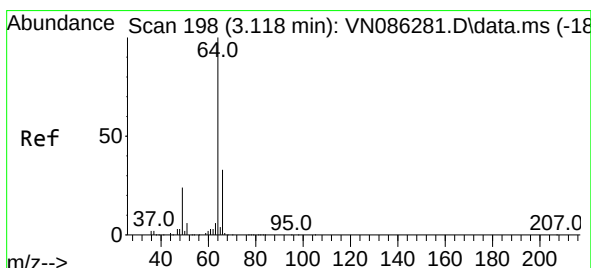
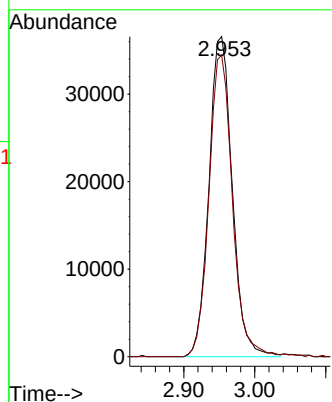
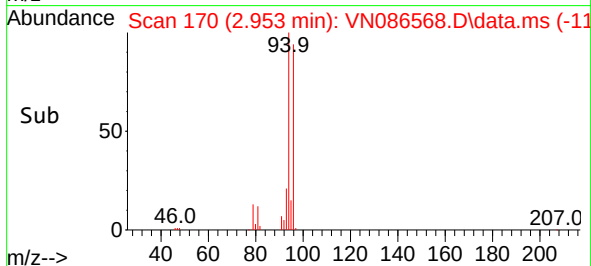
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Tgt Ion: 94 Resp: 8351
Ion Ratio Lower Upper
94 100
96 94.3 75.2 112.8

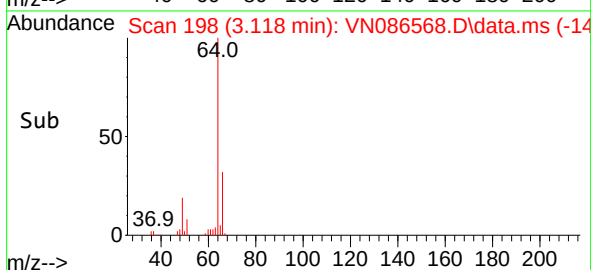
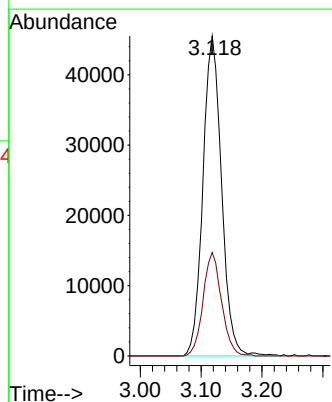
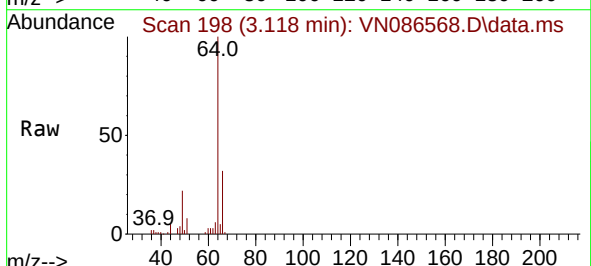
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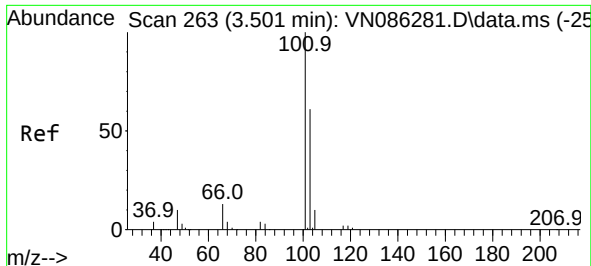
Reviewed By :John Carlone 05/12/2025
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#6
Chloroethane
Concen: 40.397 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN086568.D
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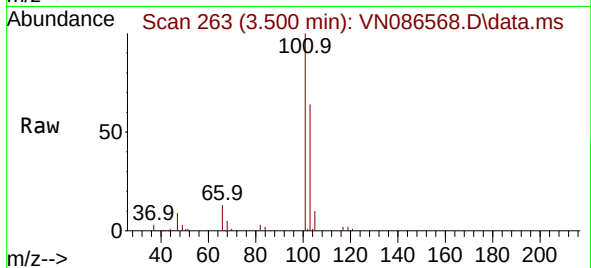
Tgt Ion: 64 Resp: 96909
Ion Ratio Lower Upper
64 100
66 32.4 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 48.668 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086568.D
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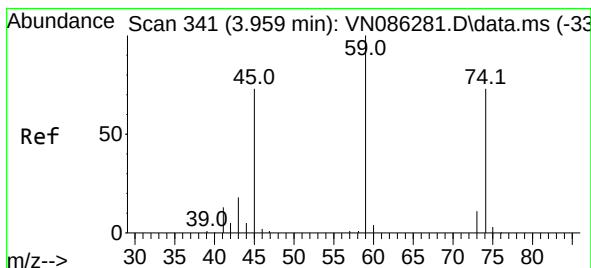
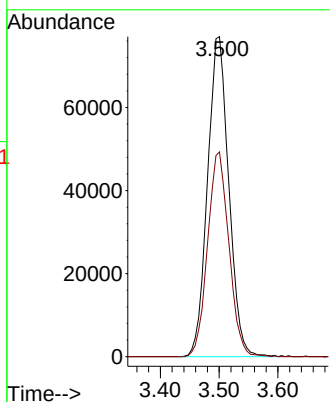
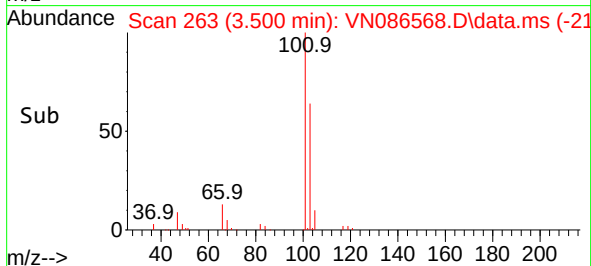
Instrument :
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Tgt Ion:101 Resp: 193230
 Ion Ratio Lower Upper
 101 100
 103 64.0 49.2 73.8

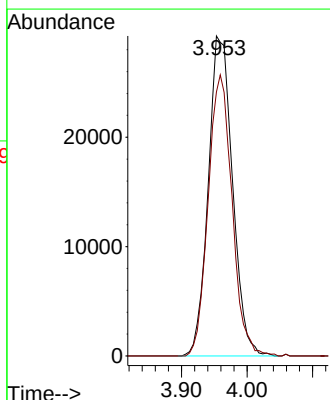
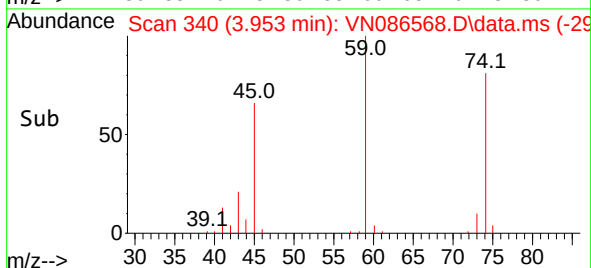
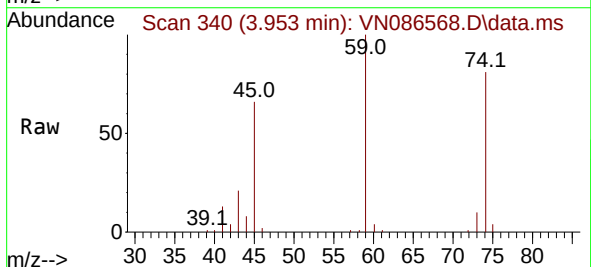
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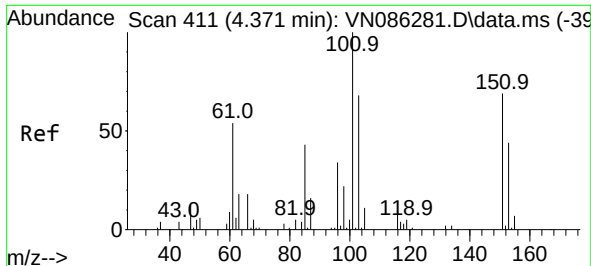
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#8
 Diethyl Ether
 Concen: 43.391 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
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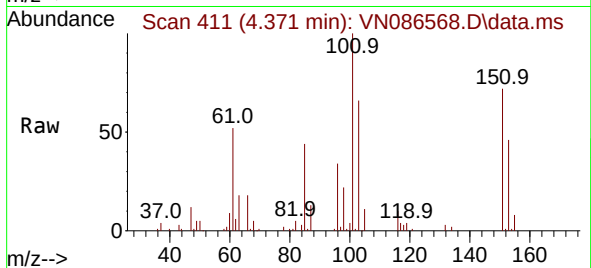
Tgt Ion: 74 Resp: 75209
 Ion Ratio Lower Upper
 74 100
 45 86.5 48.0 144.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.381 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086568.D
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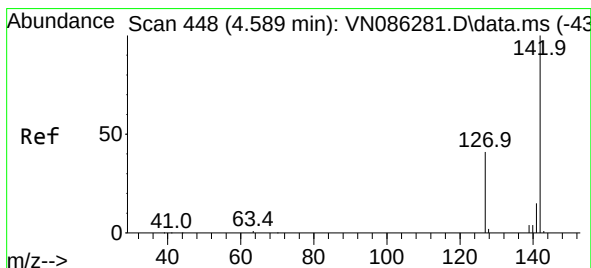
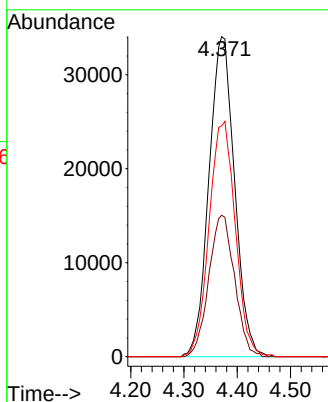
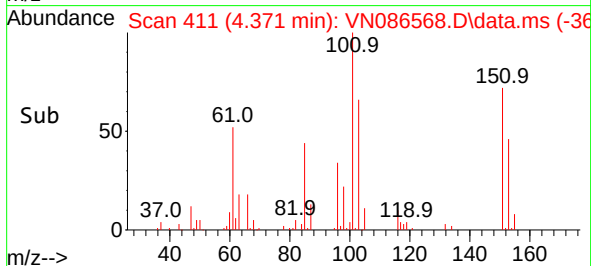
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 11380
Ion Ratio Lower Upper
101 100
85 44.3 34.7 52.1
151 75.3 56.1 84.1

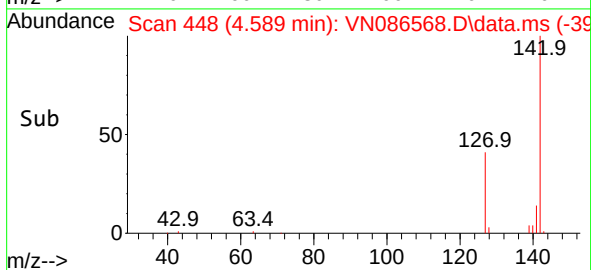
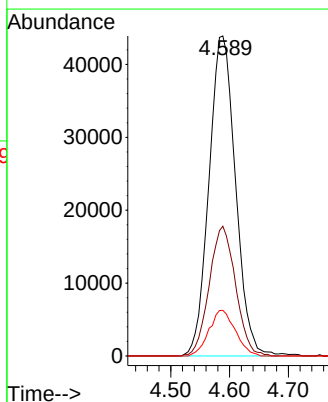
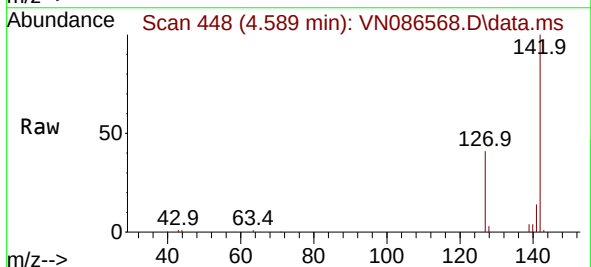
Manual Integrations
APPROVED

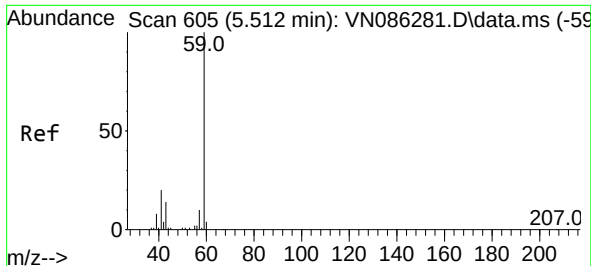
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#10
Methyl Iodide
Concen: 52.139 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

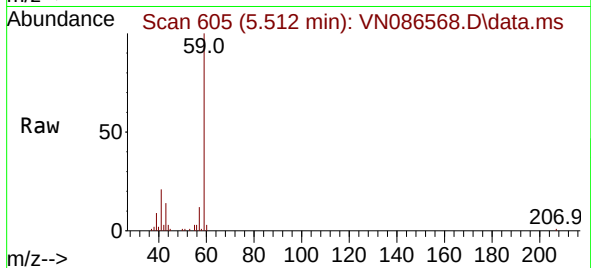
Tgt Ion:142 Resp: 137678
Ion Ratio Lower Upper
142 100
127 40.6 32.7 49.1
141 14.3 11.7 17.5





#11
Tert butyl alcohol
Concen: 187.281 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

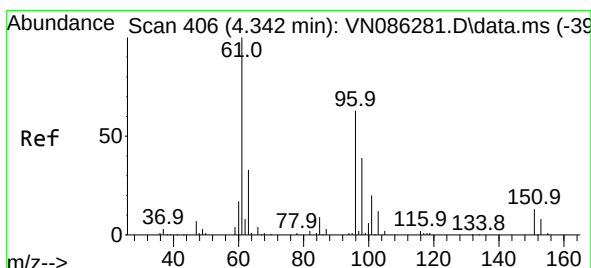
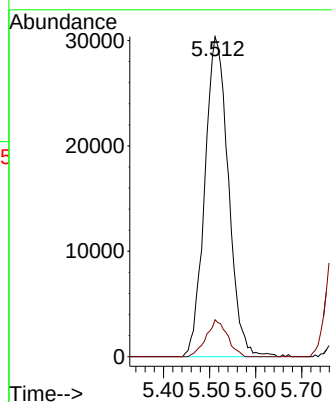
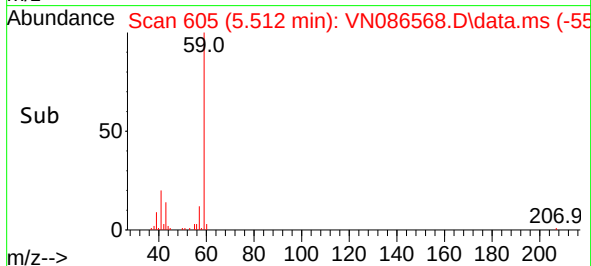
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



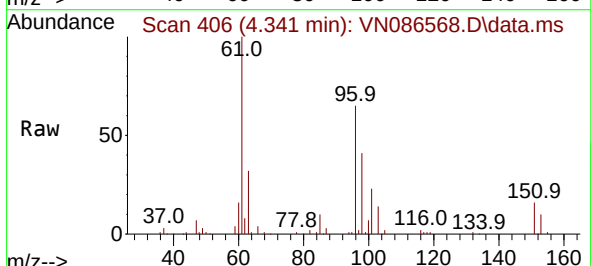
Tgt Ion: 59 Resp: 108030
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

Manual Integrations
APPROVED

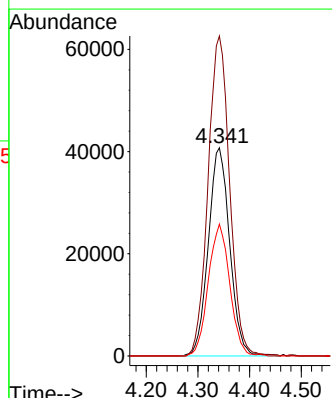
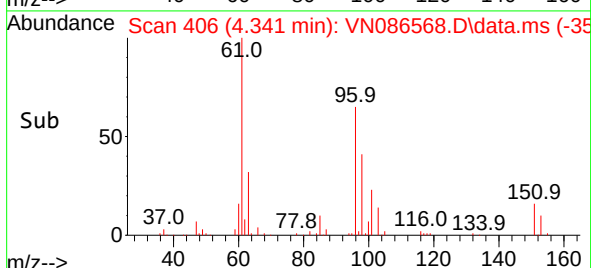
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

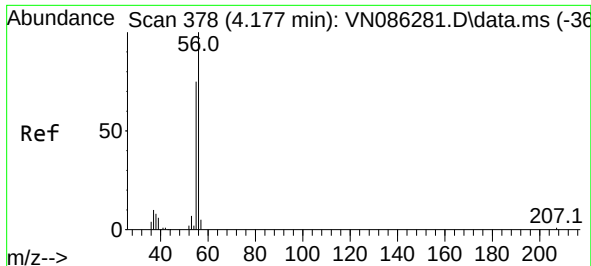


#12
1,1-Dichloroethene
Concen: 45.629 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44



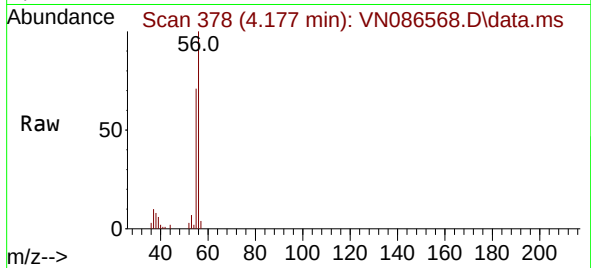
Tgt Ion: 96 Resp: 117087
Ion Ratio Lower Upper
96 100
61 153.8 126.6 189.8
98 63.4 49.6 74.4





#13
Acrolein
Concen: 258.022 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

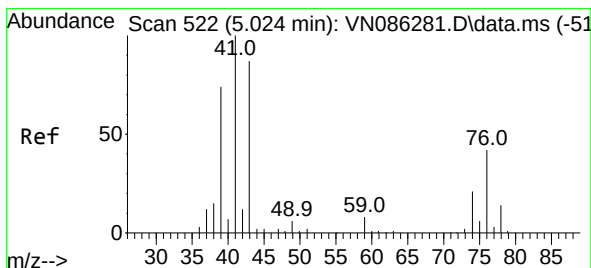
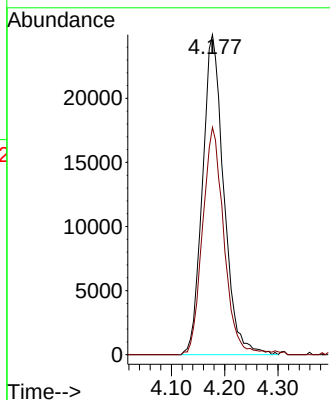
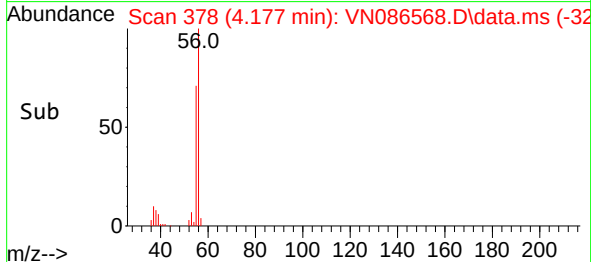
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



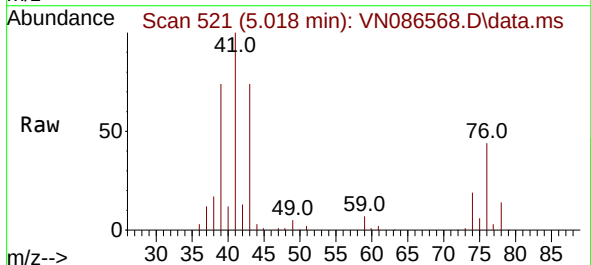
Tgt Ion: 56 Resp: 69272
Ion Ratio Lower Upper
56 100
55 71.3 58.5 87.7

Manual Integrations
APPROVED

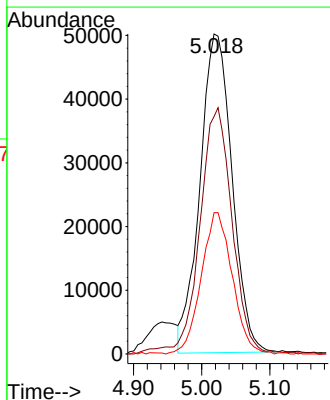
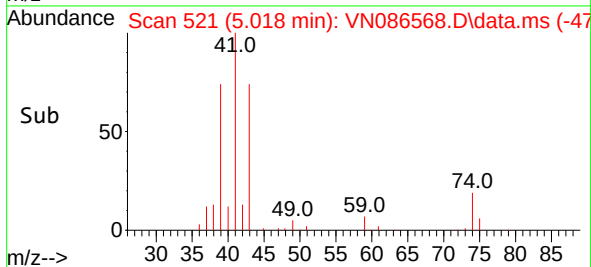
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

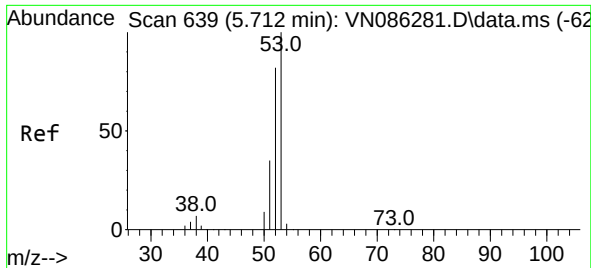


#14
Allyl chloride
Concen: 36.004 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44



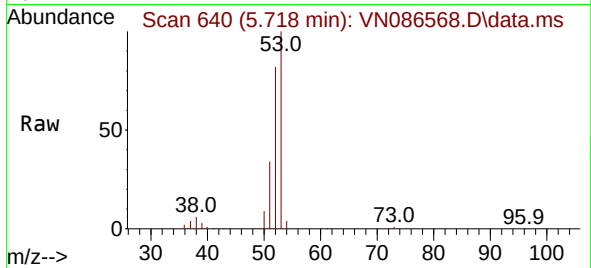
Tgt Ion: 41 Resp: 164239
Ion Ratio Lower Upper
41 100
39 78.0 59.2 88.8
76 42.8 31.2 46.8





#15
Acrylonitrile
Concen: 206.115 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

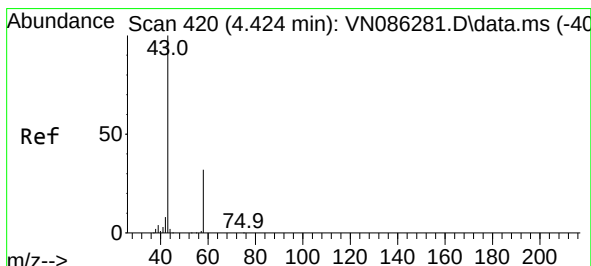
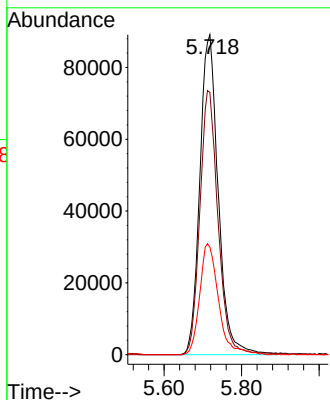
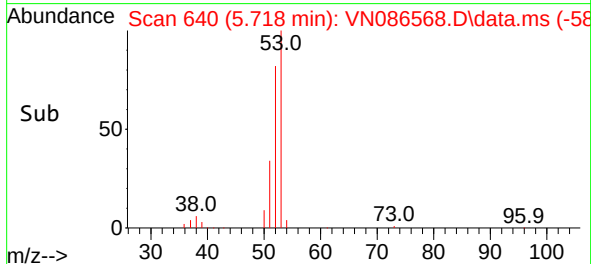
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 29391
Ion Ratio Lower Upper
53 100
52 81.0 65.5 98.3
51 35.4 28.6 42.8

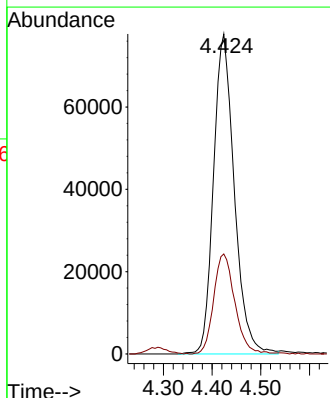
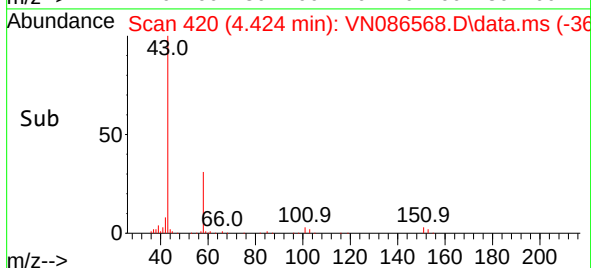
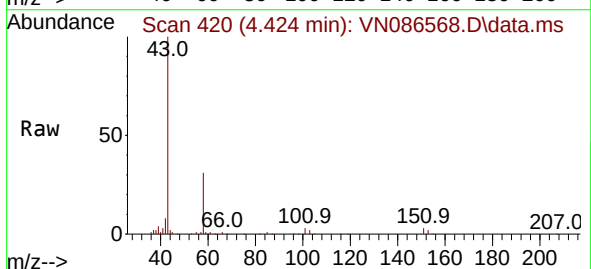
Manual Integrations
APPROVED

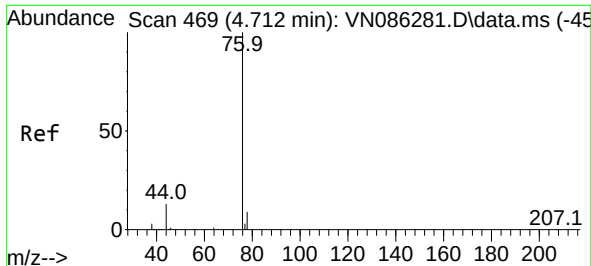
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#16
Acetone
Concen: 209.831 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

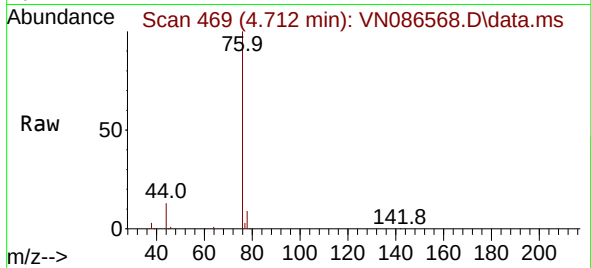
Tgt Ion: 43 Resp: 230358
Ion Ratio Lower Upper
43 100
58 30.9 25.3 37.9





#17
Carbon Disulfide
Concen: 40.322 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

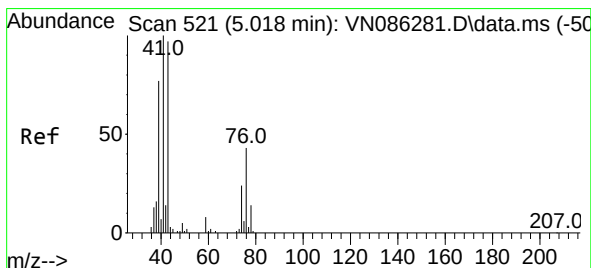
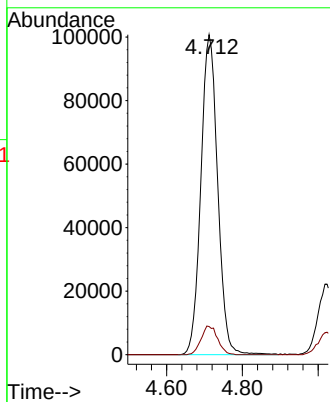
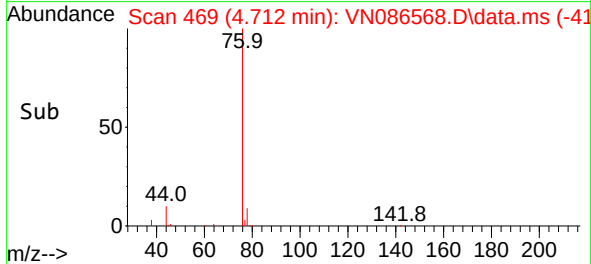
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 309810
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4

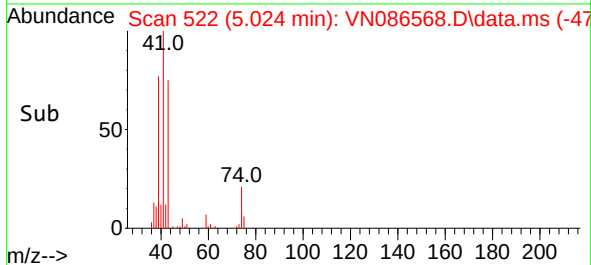
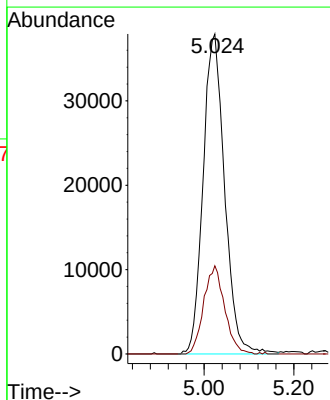
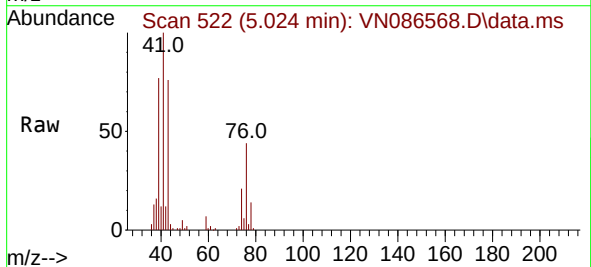
Manual Integrations
APPROVED

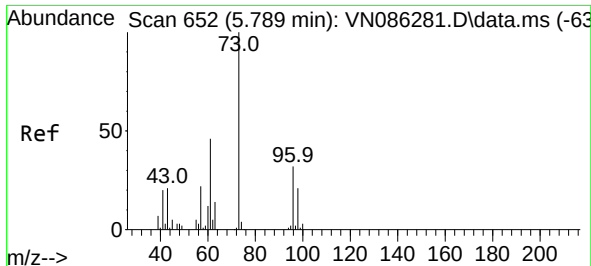
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#18
Methyl Acetate
Concen: 33.310 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

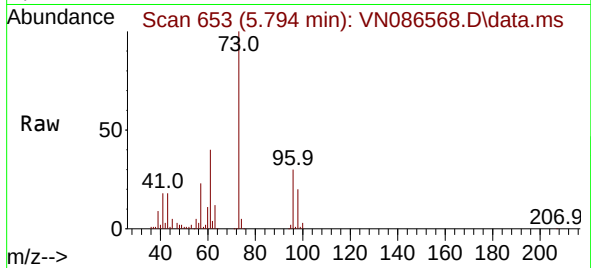
Tgt Ion: 43 Resp: 126411
Ion Ratio Lower Upper
43 100
74 26.7 19.8 29.6





#19
Methyl tert-butyl Ether
Concen: 42.645 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

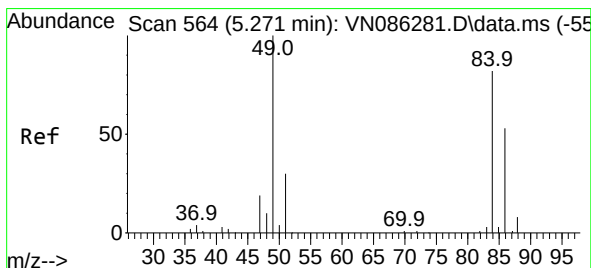
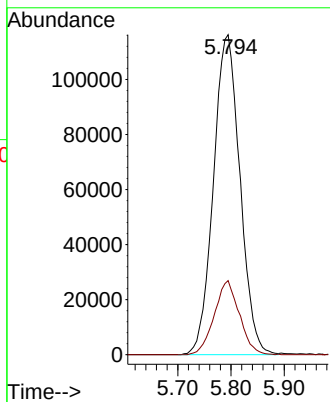
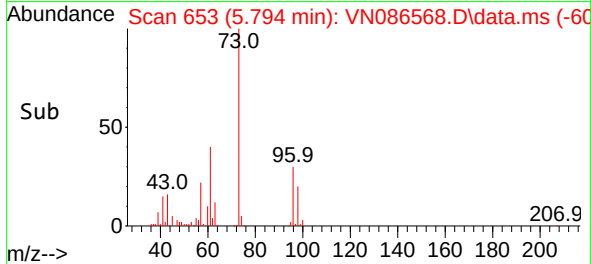
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 402250
Ion Ratio Lower Upper
73 100
57 23.1 17.6 26.4

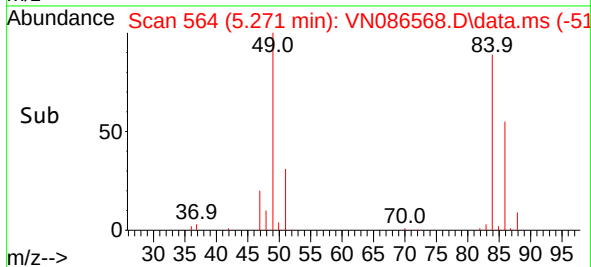
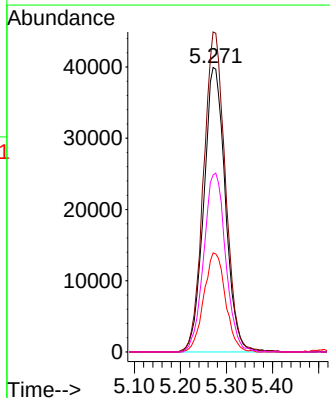
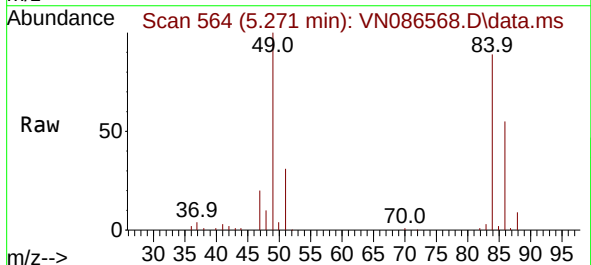
Manual Integrations
APPROVED

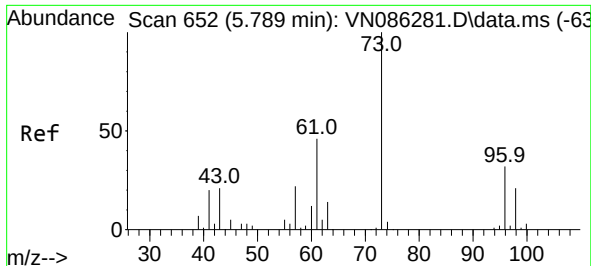
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#20
Methylene Chloride
Concen: 44.508 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

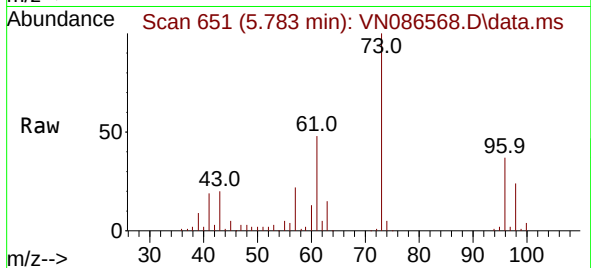
Tgt Ion: 84 Resp: 130082
Ion Ratio Lower Upper
84 100
49 112.5 98.2 147.2
51 34.8 29.8 44.6
86 62.2 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 45.459 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

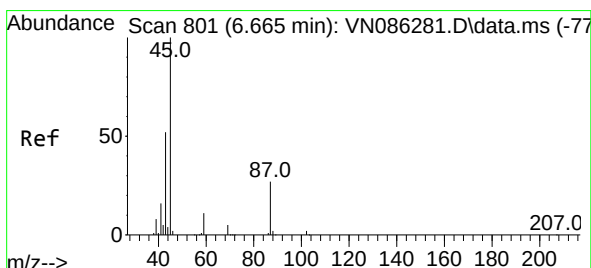
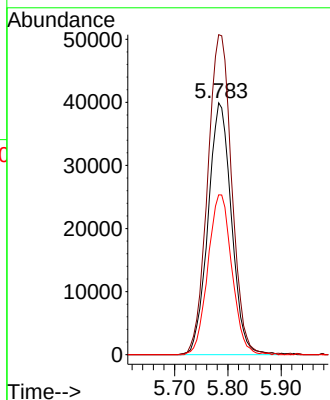
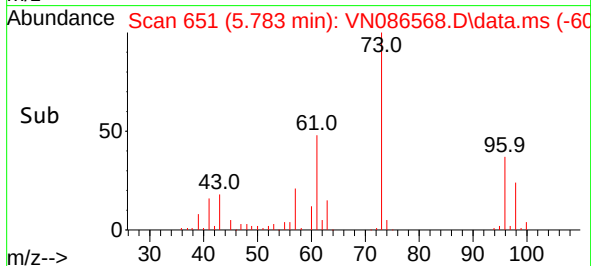
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 121954
Ion Ratio Lower Upper
96 100
61 127.1 114.6 171.8
98 63.5 51.2 76.8

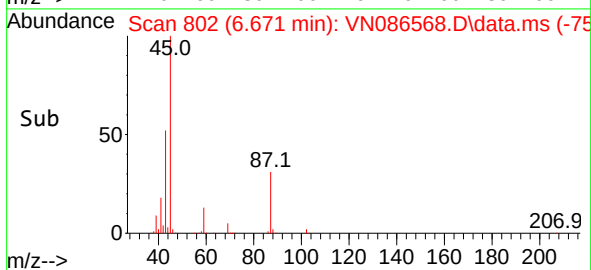
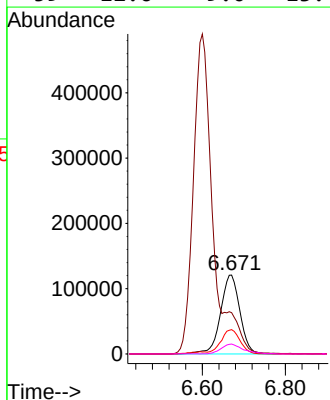
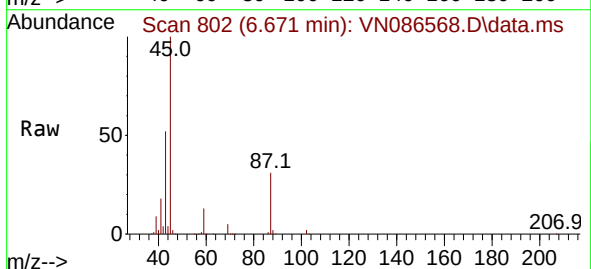
Manual Integrations
APPROVED

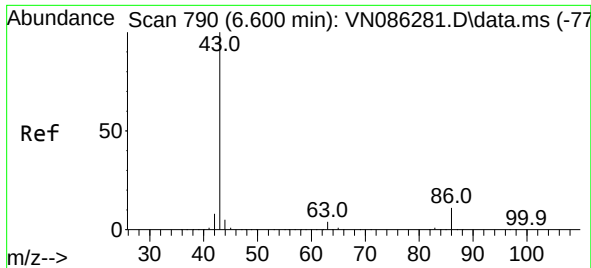
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#22
Diisopropyl ether
Concen: 39.307 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

Tgt Ion: 45 Resp: 390053
Ion Ratio Lower Upper
45 100
43 51.6 41.8 62.8
87 30.8 21.6 32.4
59 12.6 9.0 13.4





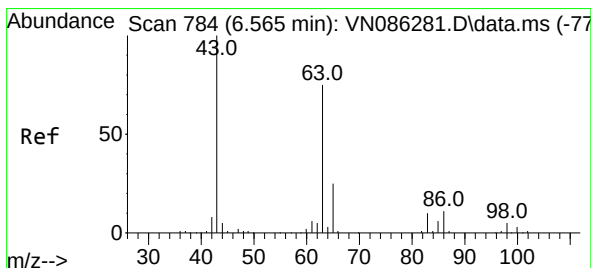
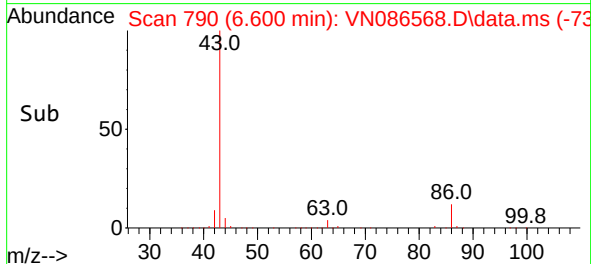
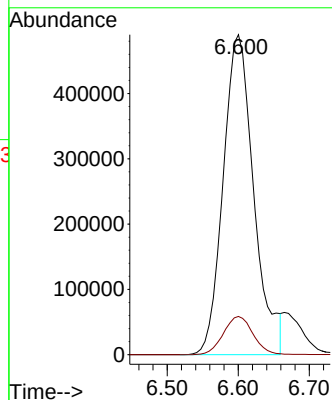
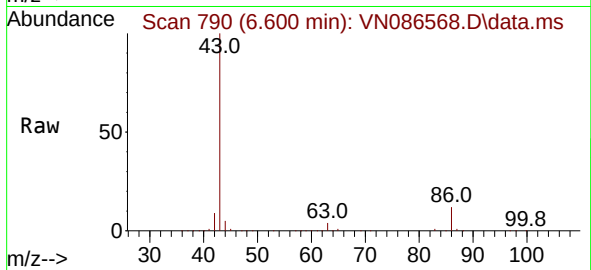
#23
 Vinyl Acetate
 Concen: 211.561 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086568.D
 Acq: 09 May 2025 17:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 146756
 Ion Ratio Lower Upper
 43 100
 86 11.9 8.6 13.0

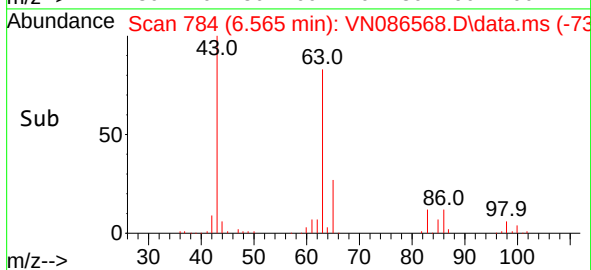
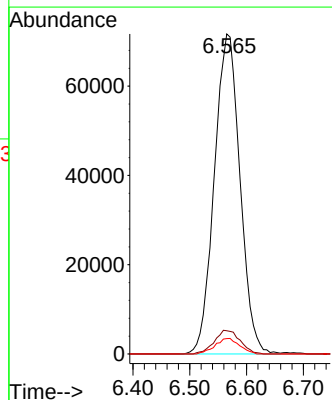
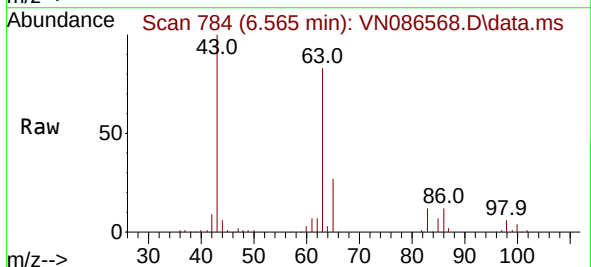
Manual Integrations
 APPROVED

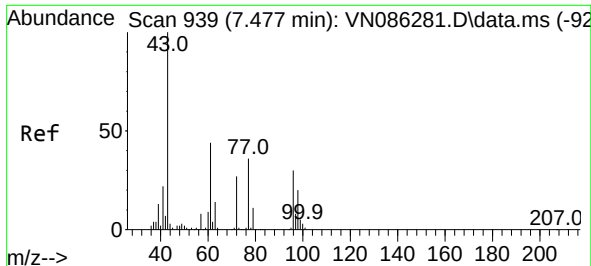
Reviewed By :John Carlone 05/12/2025
 Supervised By :Mahesh Dadoda 05/12/2025



#24
 1,1-Dichloroethane
 Concen: 42.985 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086568.D
 Acq: 09 May 2025 17:44

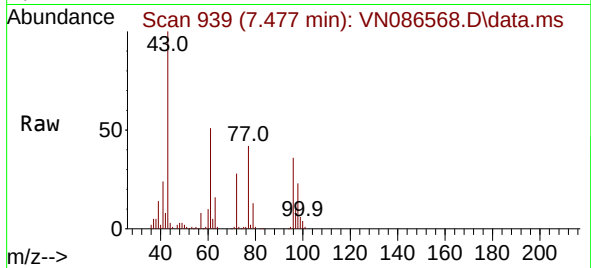
Tgt Ion: 63 Resp: 225060
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.2
 100 4.8 2.1 6.5





#25
2-Butanone
Concen: 193.216 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

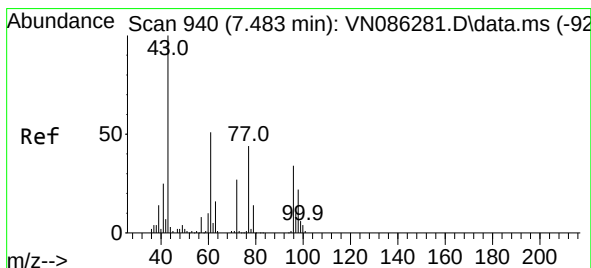
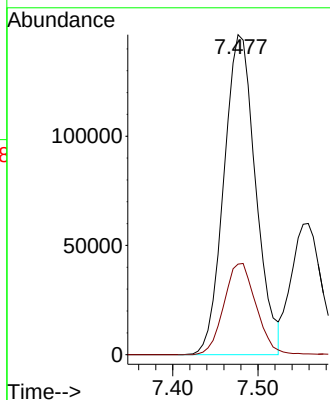
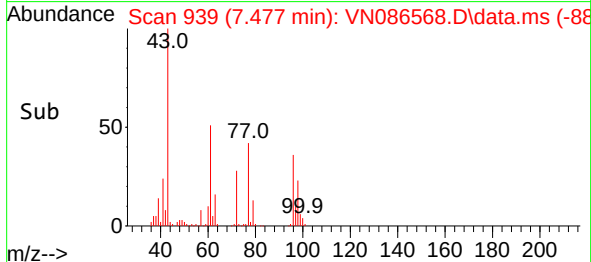
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



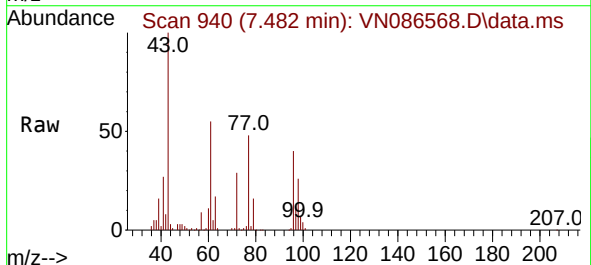
Tgt Ion: 43 Resp: 380220
Ion Ratio Lower Upper
43 100
72 28.3 21.7 32.5

Manual Integrations
APPROVED

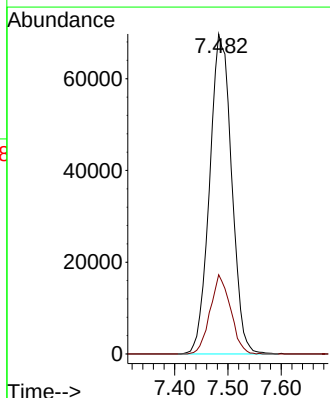
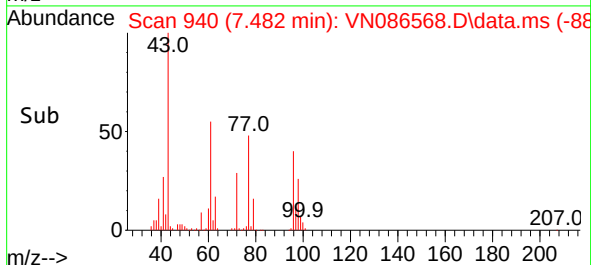
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

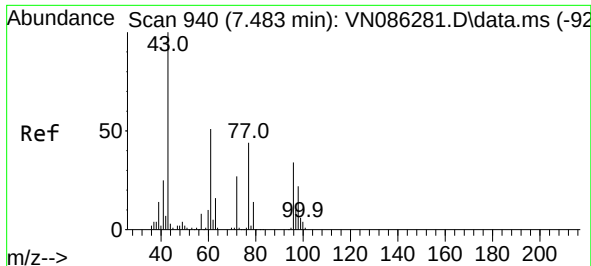


#26
2,2-Dichloropropane
Concen: 42.721 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44



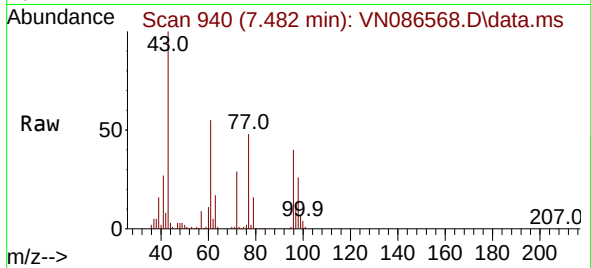
Tgt Ion: 77 Resp: 200272
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 45.478 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086568.D
 Acq: 09 May 2025 17:44

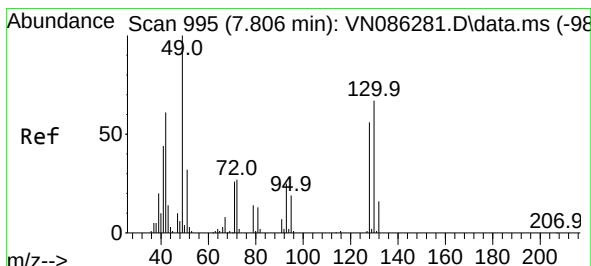
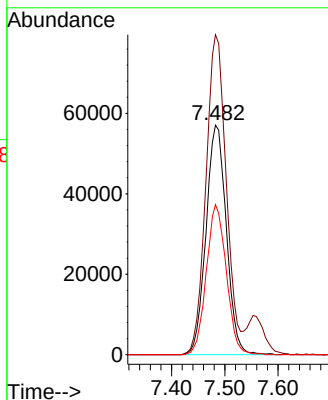
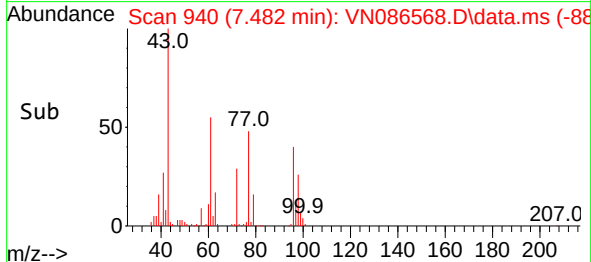
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 151428
 Ion Ratio Lower Upper
 96 100
 61 138.3 0.0 299.0
 98 64.3 0.0 129.6

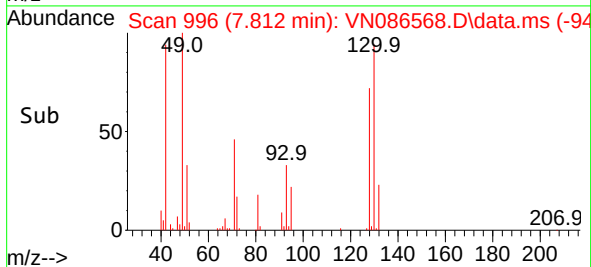
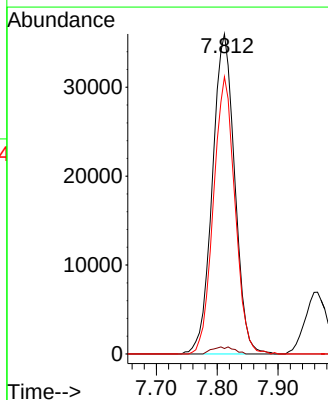
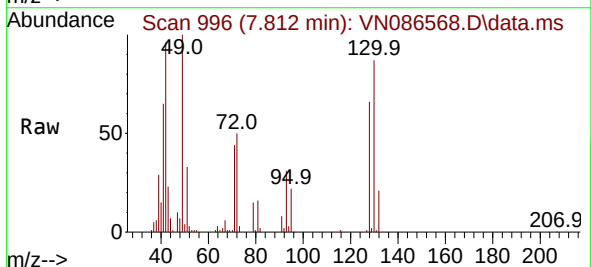
Manual Integrations
 APPROVED

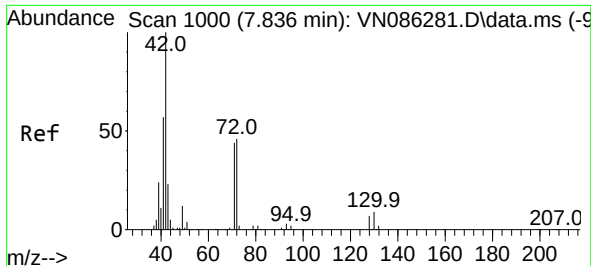
Reviewed By :John Carlone 05/12/2025
 Supervised By :Mahesh Dadoda 05/12/2025



#28
 Bromochloromethane
 Concen: 41.330 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086568.D
 Acq: 09 May 2025 17:44

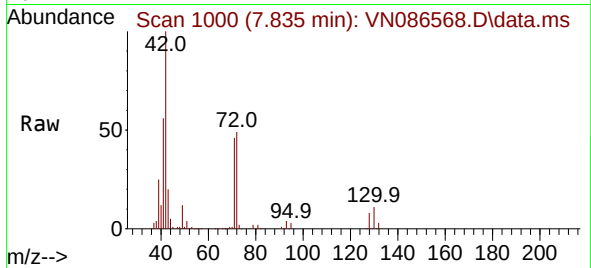
Tgt Ion: 49 Resp: 91753
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.4
 130 83.4 57.1 85.7





#29
Tetrahydrofuran
Concen: 188.494 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

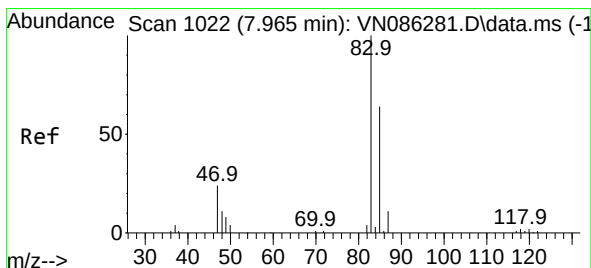
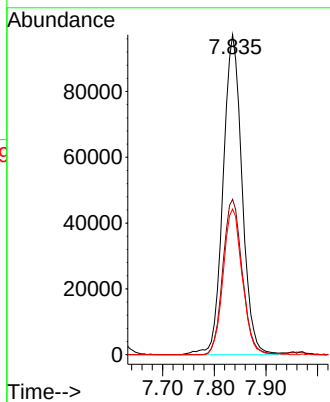
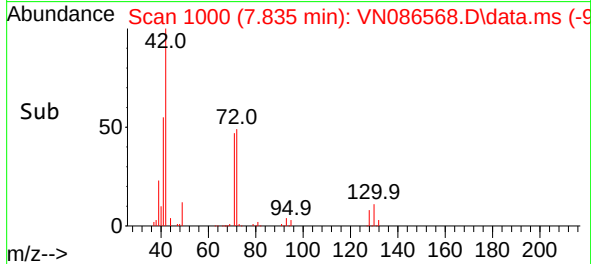
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 24804
Ion Ratio Lower Upper
42 100
72 49.5 36.2 54.4
71 46.0 34.0 51.0

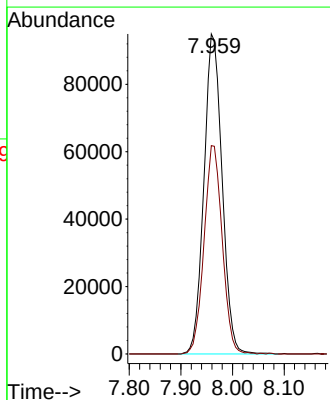
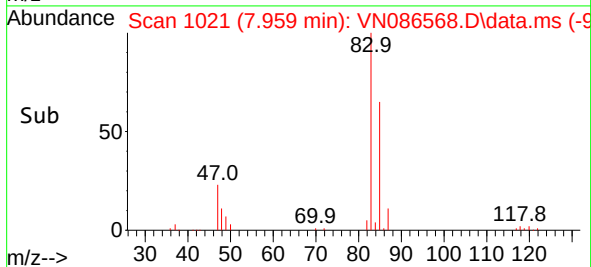
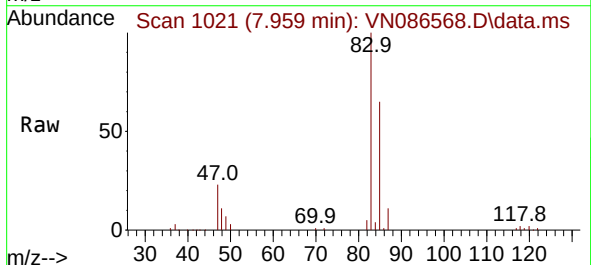
Manual Integrations
APPROVED

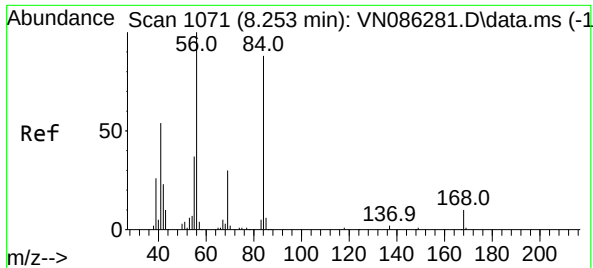
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#30
Chloroform
Concen: 45.121 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

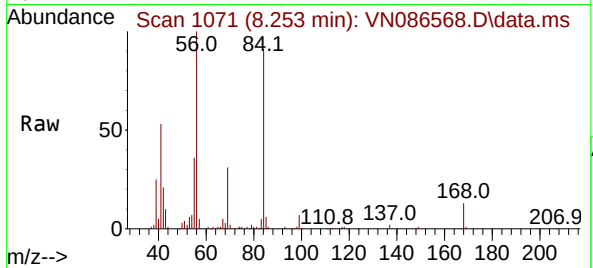
Tgt Ion: 83 Resp: 232071
Ion Ratio Lower Upper
83 100
85 65.1 51.5 77.3





#31
Cyclohexane
Concen: 39.402 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

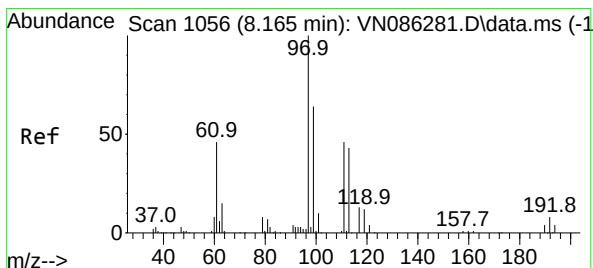
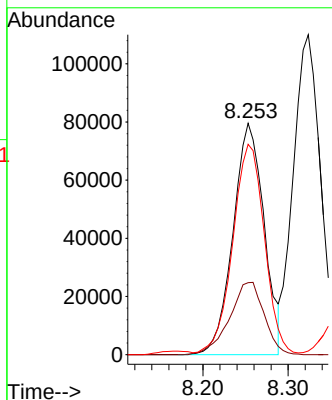
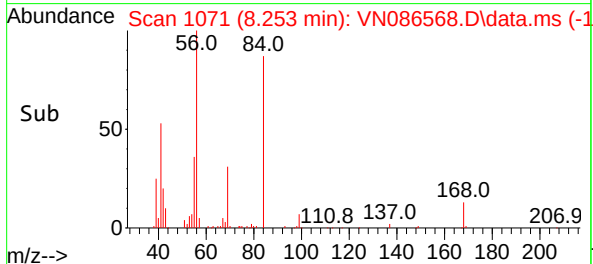
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



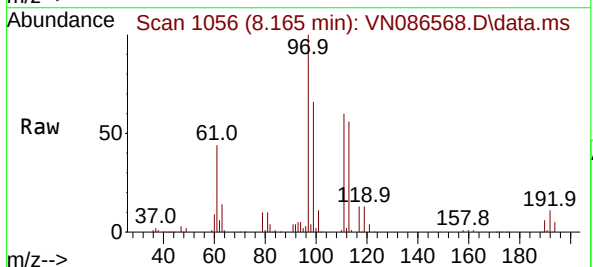
Tgt Ion: 56 Resp: 20187
Ion Ratio Lower Upper
56 100
69 31.1 24.2 36.2
84 89.4 70.3 105.5

Manual Integrations
APPROVED

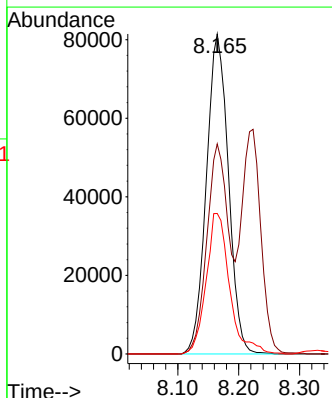
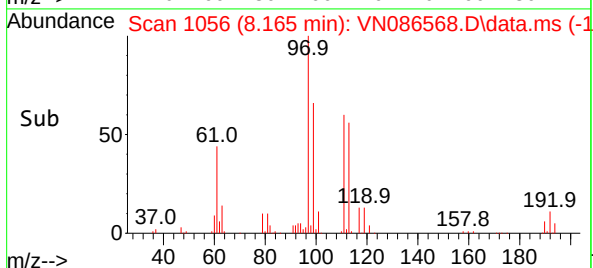
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

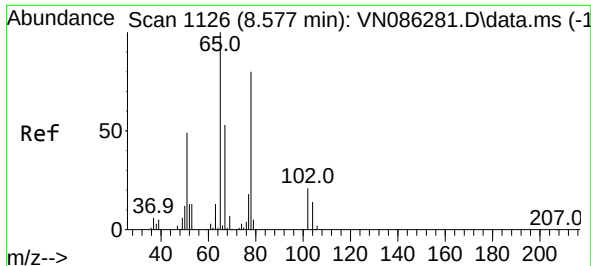


#32
1,1,1-Trichloroethane
Concen: 46.560 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44



Tgt Ion: 97 Resp: 204859
Ion Ratio Lower Upper
97 100
99 65.5 52.7 79.1
61 46.7 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 46.271 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086568.D

Acq: 09 May 2025 17:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 146284

Ion Ratio Lower Upper

65 100

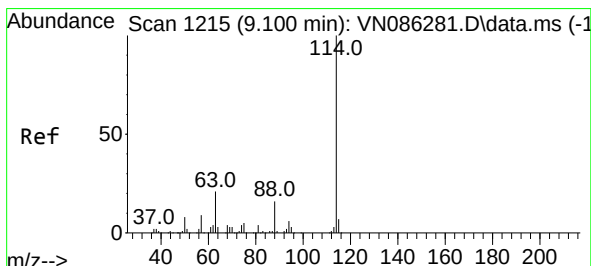
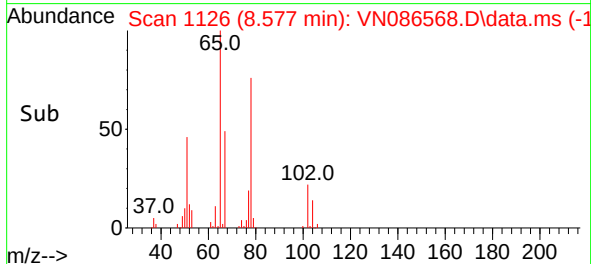
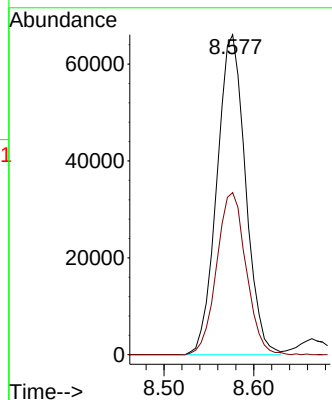
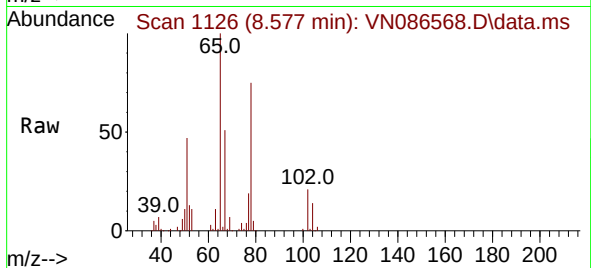
67 52.0 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086568.D

Acq: 09 May 2025 17:44

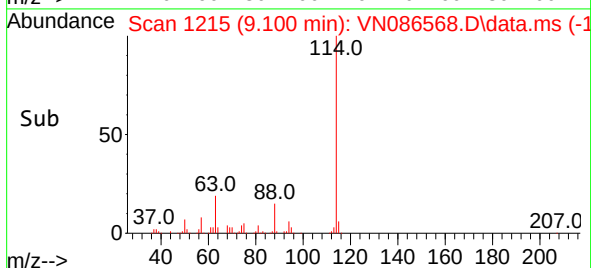
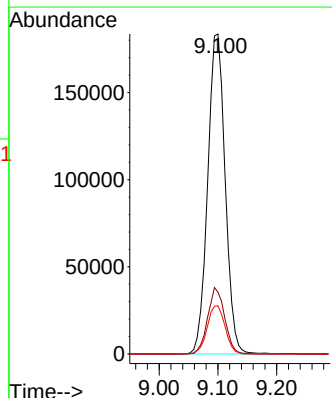
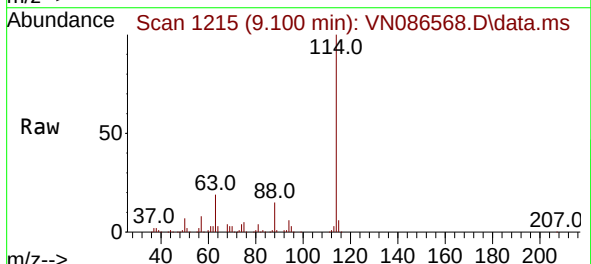
Tgt Ion:114 Resp: 379571

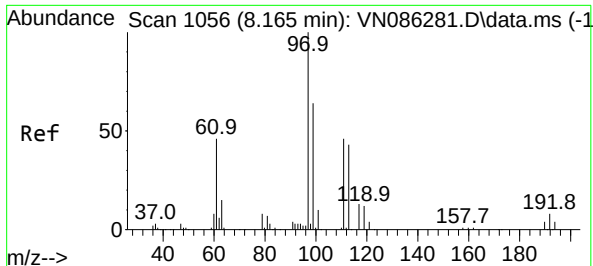
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.6

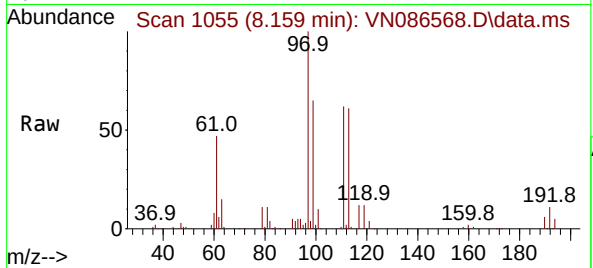
88 15.1 0.0 31.8





#35
Dibromofluoromethane
Concen: 63.495 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

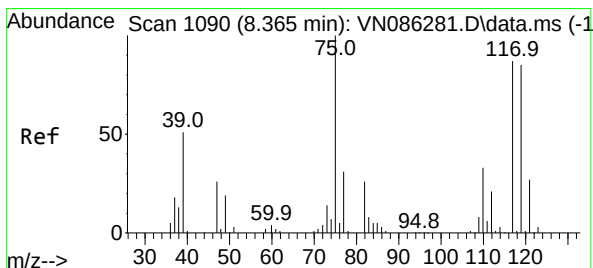
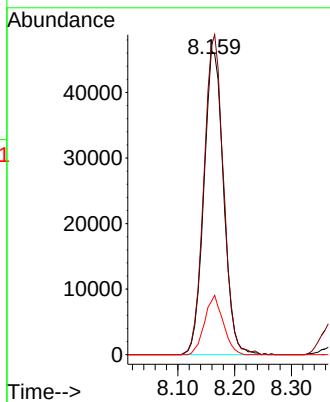
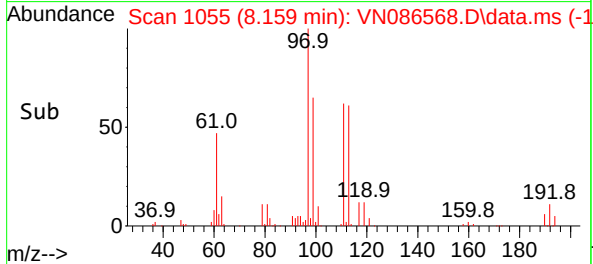
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



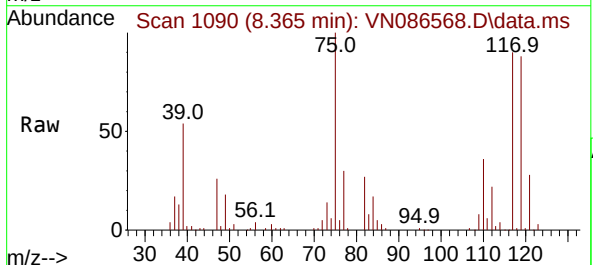
Tgt Ion: 113 Resp: 111850
Ion Ratio Lower Upper
113 100
111 104.2 83.4 125.0
192 18.3 13.7 20.5

Manual Integrations
APPROVED

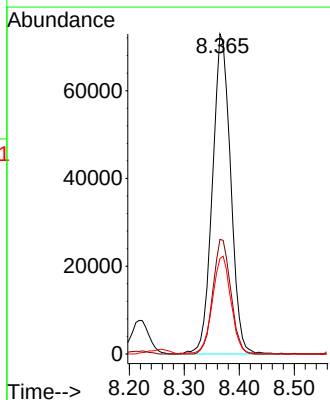
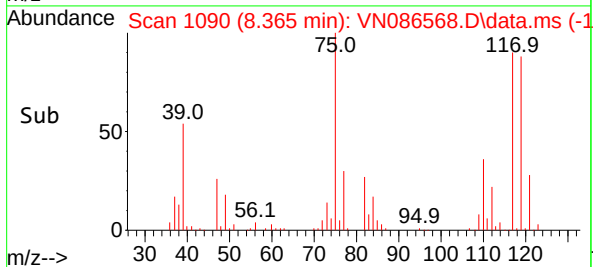
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

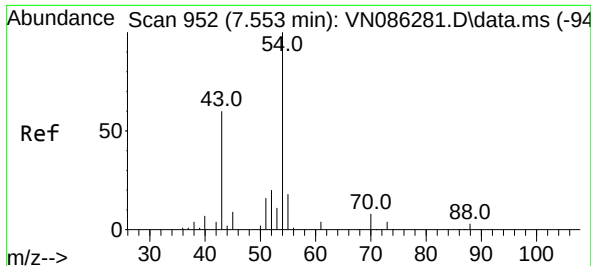


#36
1,1-Dichloropropene
Concen: 47.674 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44



Tgt Ion: 75 Resp: 167746
Ion Ratio Lower Upper
75 100
110 35.2 16.8 50.4
77 31.1 24.9 37.3





#37

Ethyl Acetate

Concen: 41.299 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN086568.D

Acq: 09 May 2025 17:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 15298

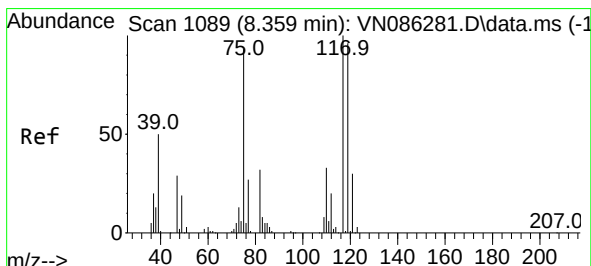
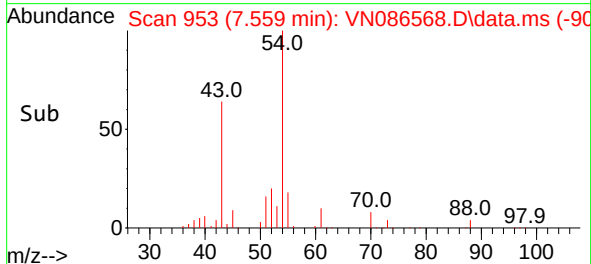
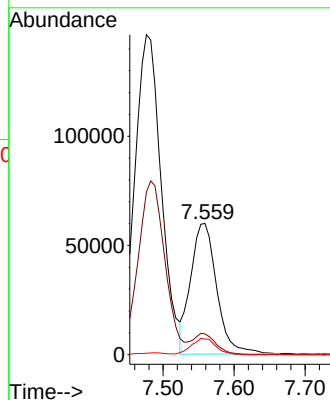
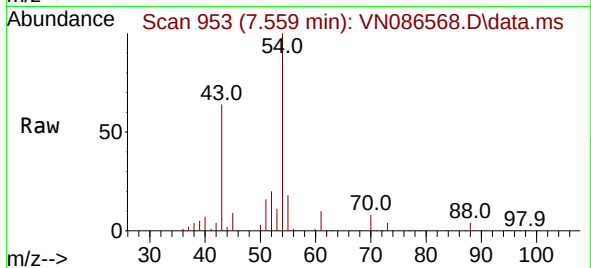
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.1	16.7
70	11.7	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#38

Carbon Tetrachloride

Concen: 51.635 ug/l

RT: 8.359 min Scan# 1089

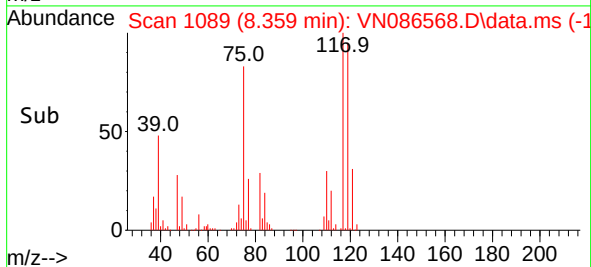
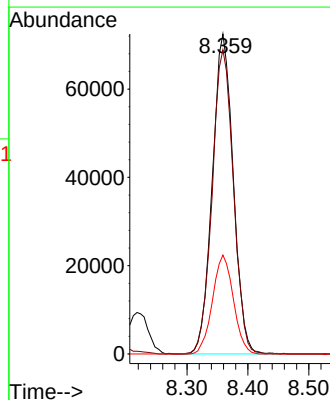
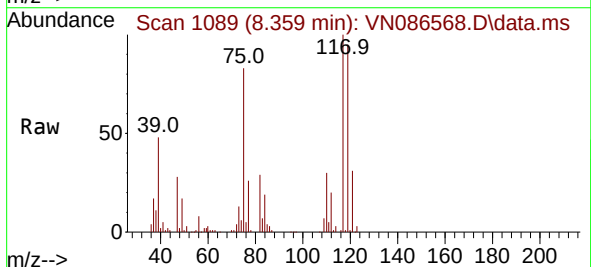
Delta R.T. -0.000 min

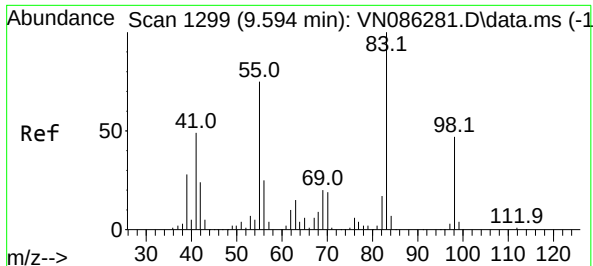
Lab File: VN086568.D

Acq: 09 May 2025 17:44

Tgt Ion:117 Resp: 173020

Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.8	115.2
121	30.9	23.8	35.8





#39

Methylcyclohexane

Concen: 45.200 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN086568.D

Acq: 09 May 2025 17:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 18903

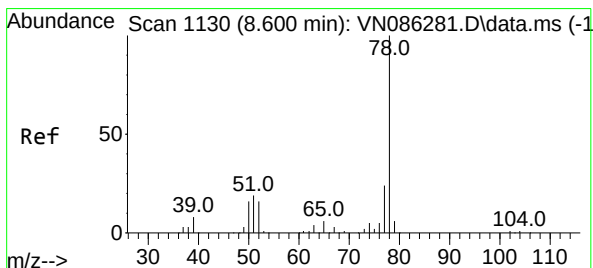
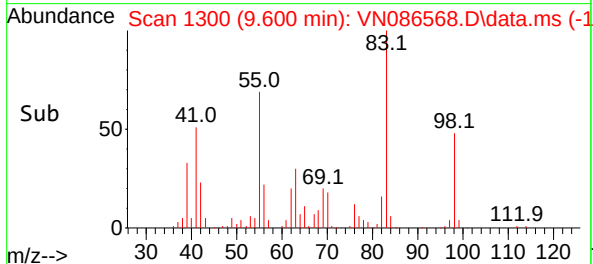
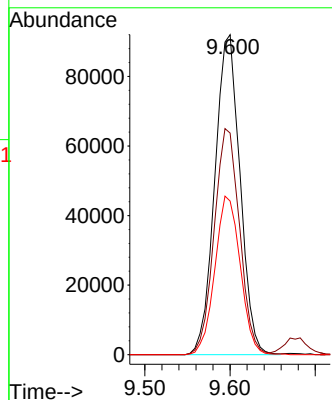
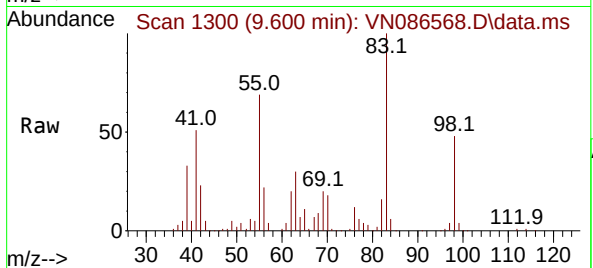
Ion	Ratio	Lower	Upper
83	100		
55	69.2	59.8	89.8
98	48.0	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#40

Benzene

Concen: 47.386 ug/l

RT: 8.600 min Scan# 1130

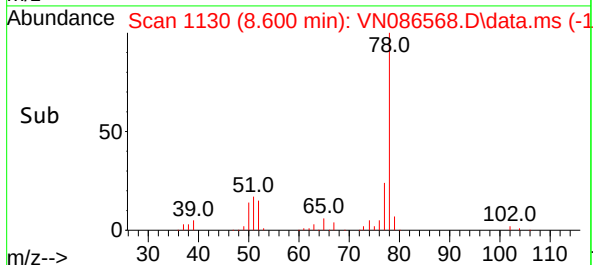
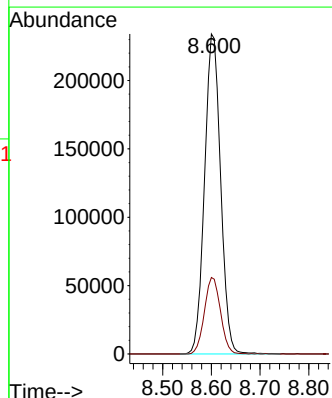
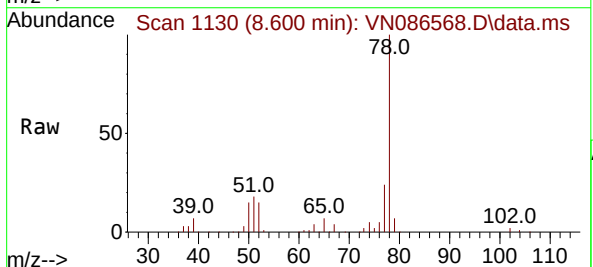
Delta R.T. -0.000 min

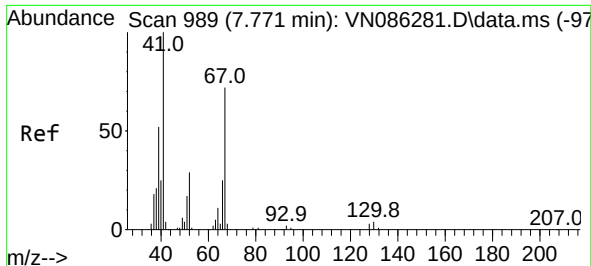
Lab File: VN086568.D

Acq: 09 May 2025 17:44

Tgt Ion: 78 Resp: 534205

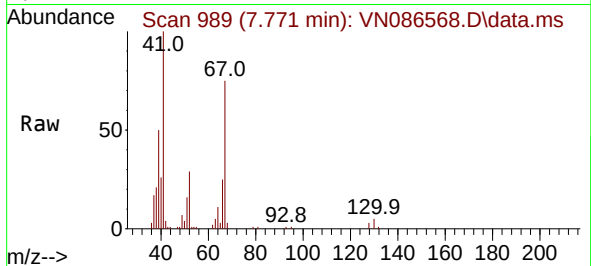
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.4	29.2





#41
Methacrylonitrile
Concen: 39.860 ug/l
RT: 7.771 min Scan# 989
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

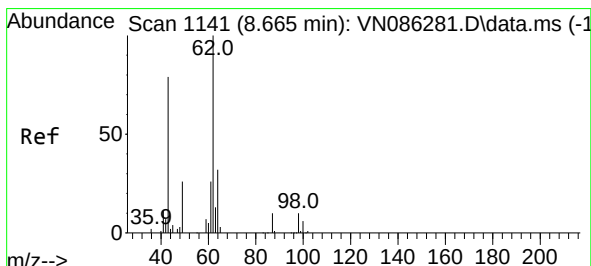
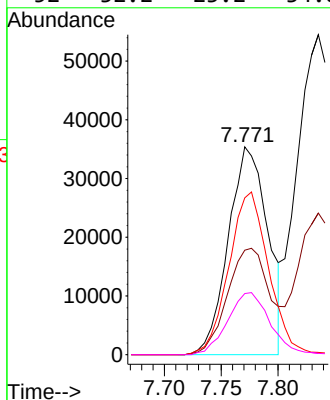
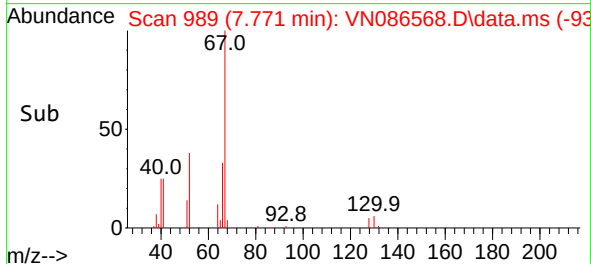
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	8557
Ion Ratio	100	Lower	Upper
39	57.1	43.0	64.4
67	78.9	58.8	88.2
52	32.2	23.2	34.8

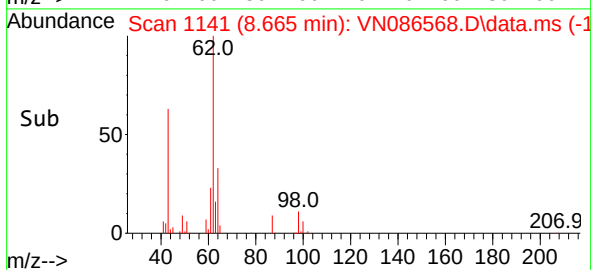
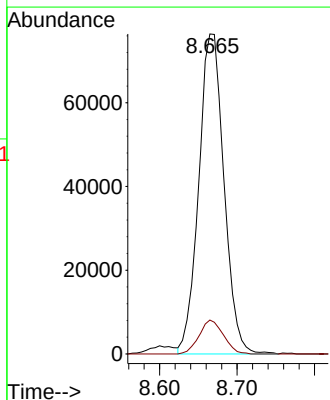
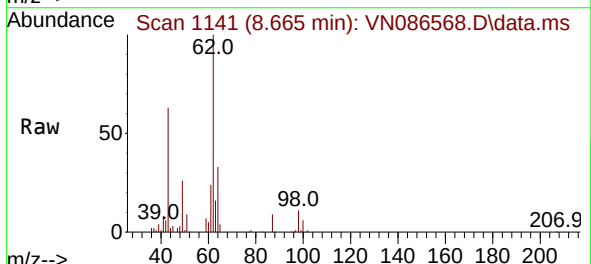
Manual Integrations
APPROVED

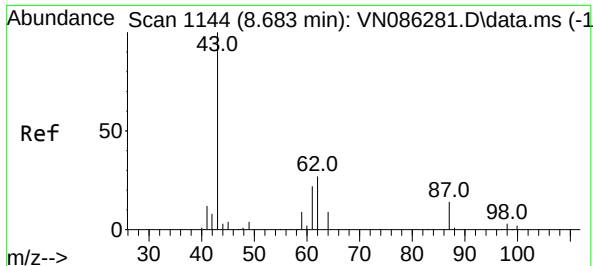
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#42
1,2-Dichloroethane
Concen: 48.119 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

Tgt Ion:	62	Resp:	172988
Ion Ratio	100	Lower	Upper
98	10.2	0.0	19.2





#43

Isopropyl Acetate

Concen: 42.155 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.001 min

Lab File: VN086568.D

Acq: 09 May 2025 17:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 28252

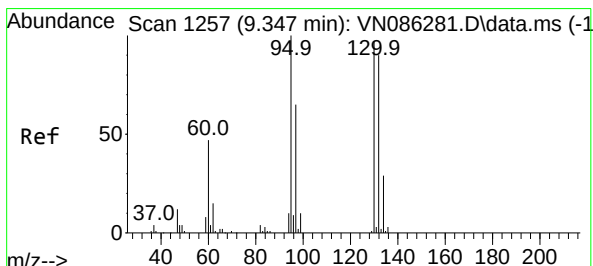
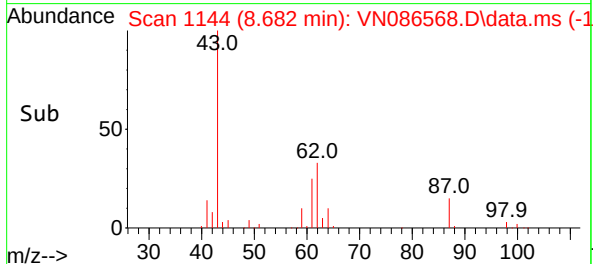
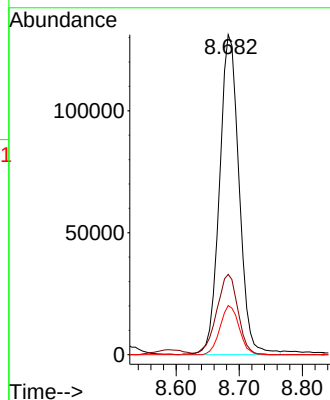
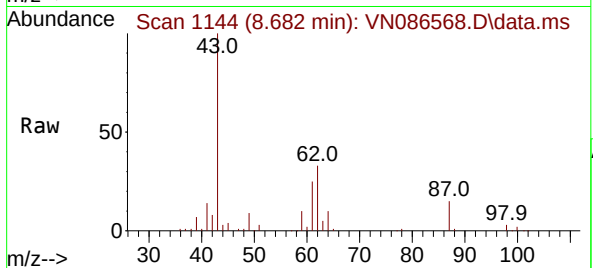
Ion	Ratio	Lower	Upper
43	100		
61	27.3	20.5	30.7
87	15.0	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#44

Trichloroethene

Concen: 50.665 ug/l

RT: 9.347 min Scan# 1257

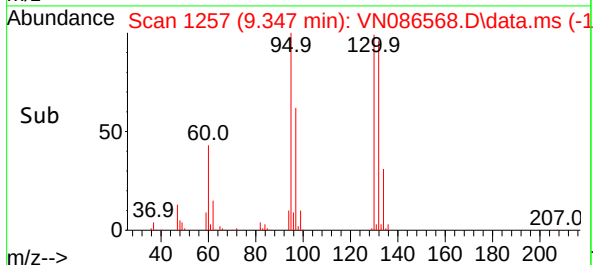
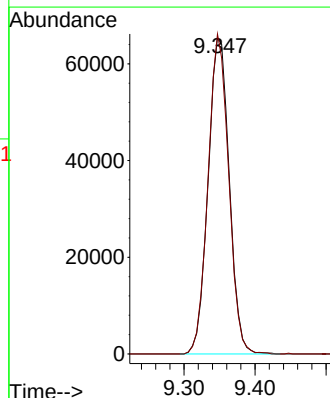
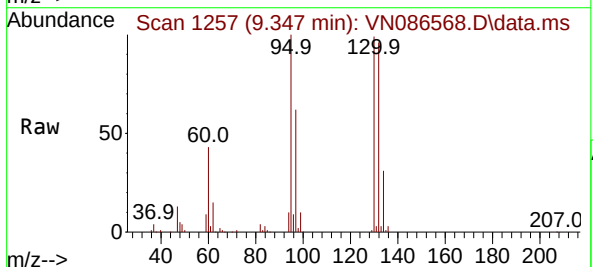
Delta R.T. -0.000 min

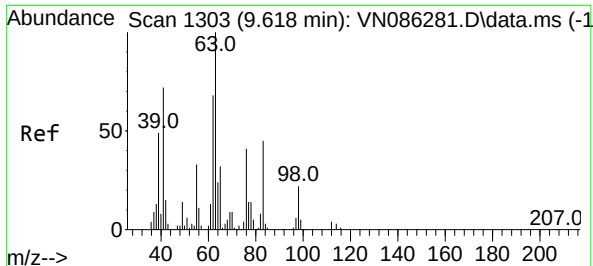
Lab File: VN086568.D

Acq: 09 May 2025 17:44

Tgt Ion:130 Resp: 135376

Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	207.2





#45

1,2-Dichloropropane

Concen: 45.780 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086568.D

Acq: 09 May 2025 17:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 12633

Ion Ratio Lower Upper

63 100

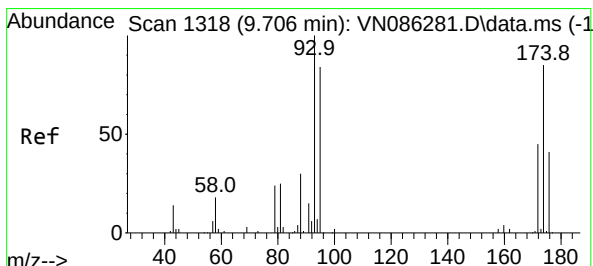
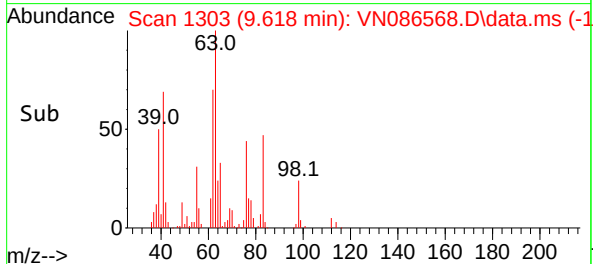
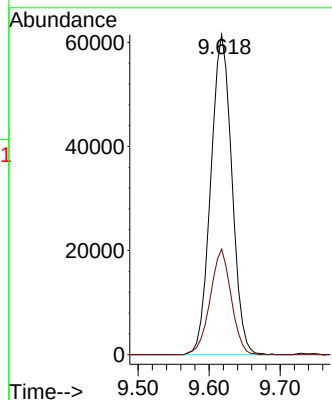
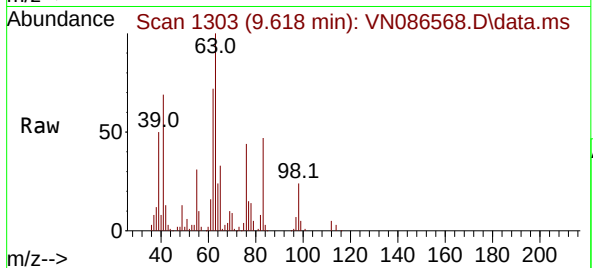
65 33.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#46

Dibromomethane

Concen: 50.014 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086568.D

Acq: 09 May 2025 17:44

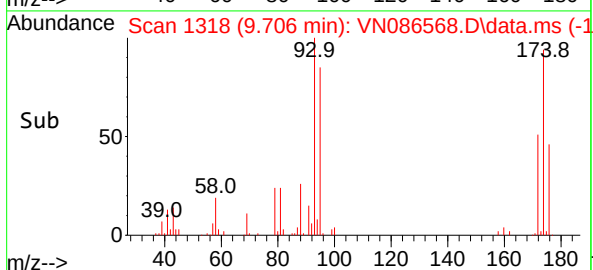
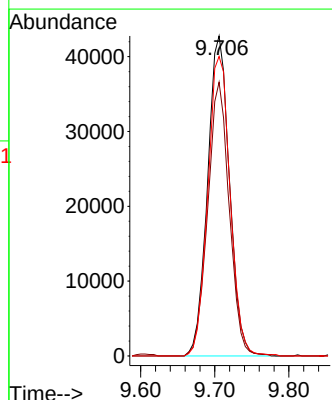
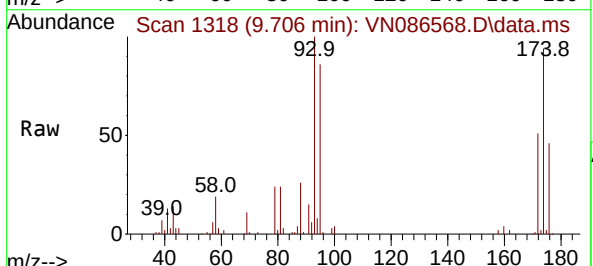
Tgt Ion: 93 Resp: 87936

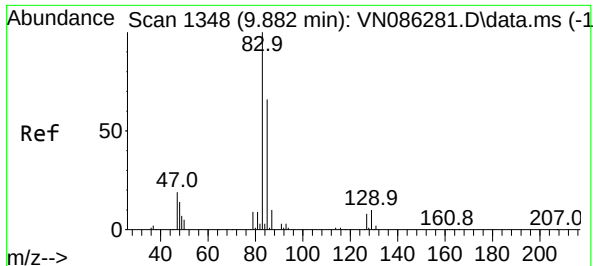
Ion Ratio Lower Upper

93 100

95 83.9 66.2 99.4

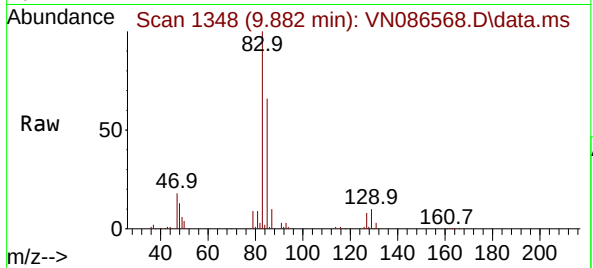
174 95.6 67.8 101.6





#47
Bromodichloromethane
Concen: 48.371 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

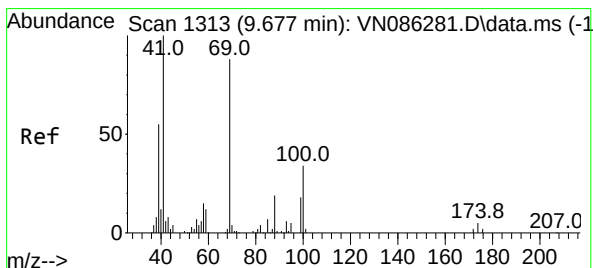
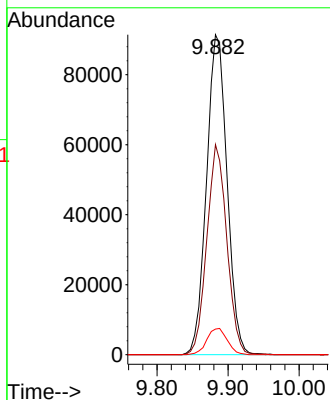
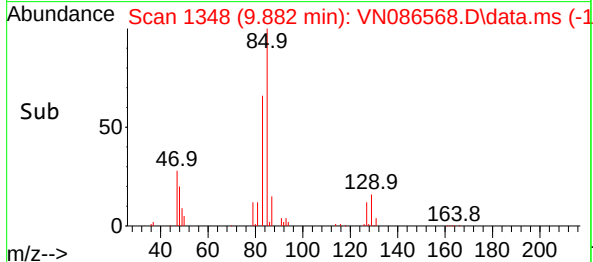
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



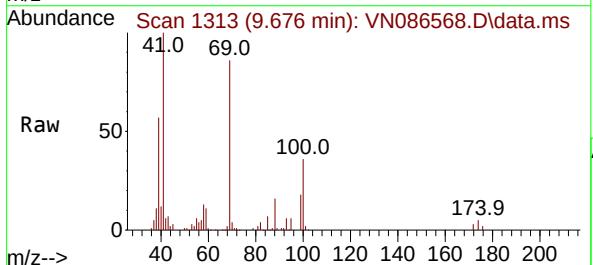
Tgt Ion: 83 Resp: 18368
Ion Ratio Lower Upper
83 100
85 65.6 52.6 78.8
127 8.0 6.1 9.1

Manual Integrations
APPROVED

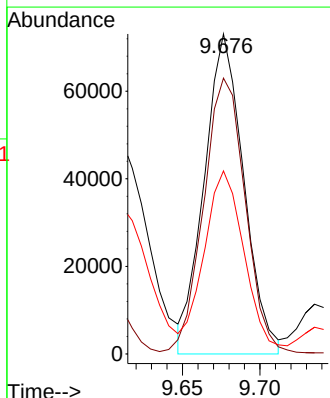
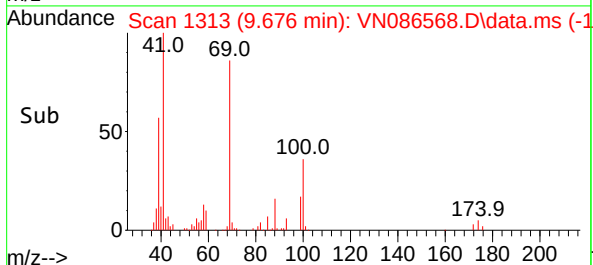
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

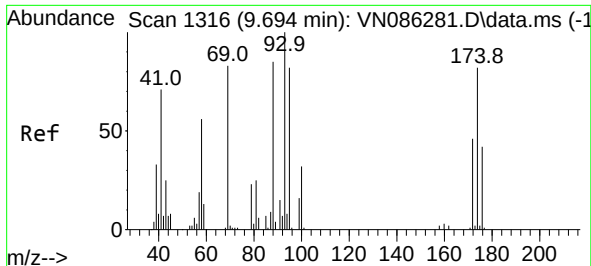


#48
Methyl methacrylate
Concen: 39.826 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44



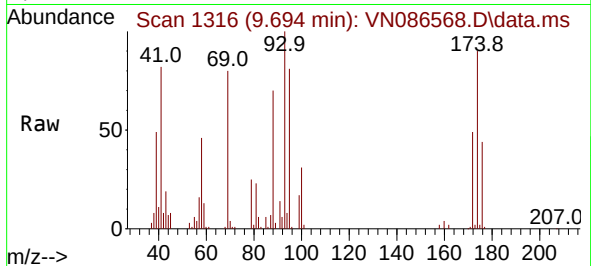
Tgt Ion: 41 Resp: 129557
Ion Ratio Lower Upper
41 100
69 91.6 68.2 102.2
39 59.1 45.2 67.8





#49
1,4-Dioxane
Concen: 820.078 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

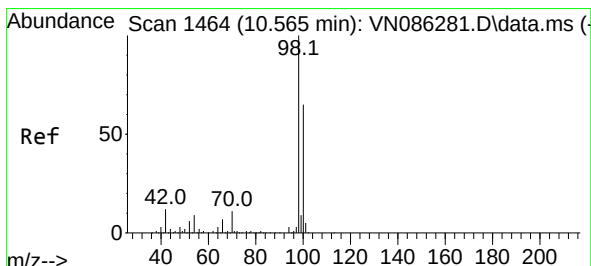
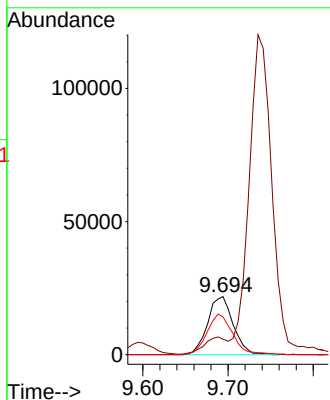
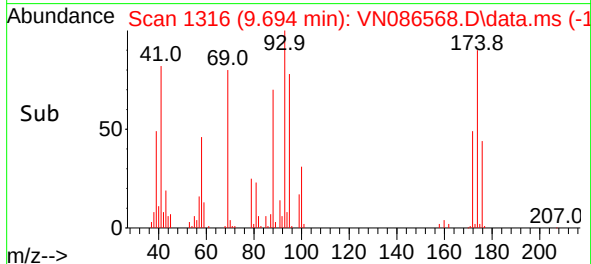
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 45378
Ion Ratio Lower Upper
88 100
43 26.3 23.8 35.8
58 70.5 57.4 86.2

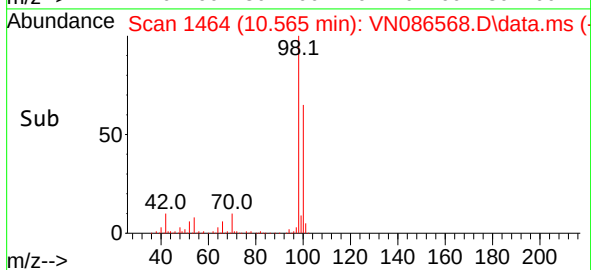
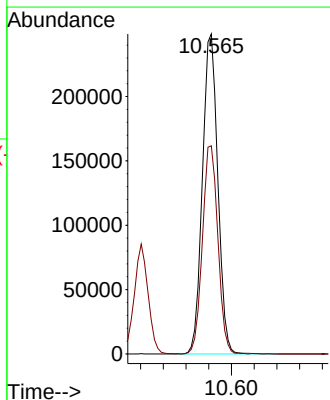
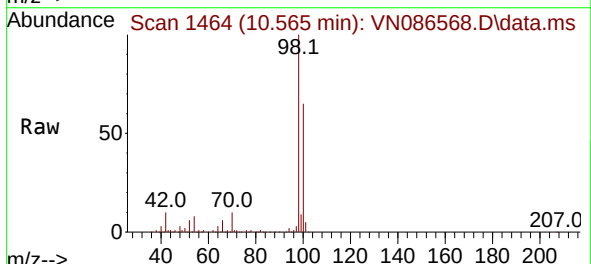
Manual Integrations
APPROVED

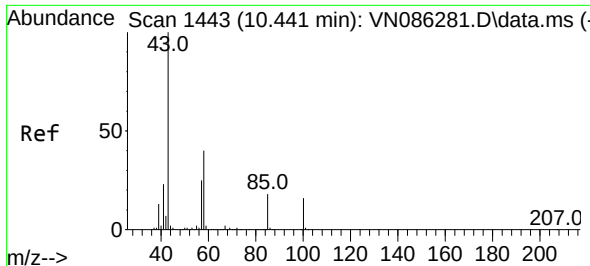
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#50
Toluene-d8
Concen: 49.498 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

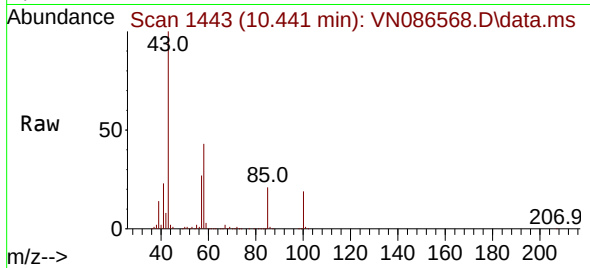
Tgt Ion: 98 Resp: 466028
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 212.058 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

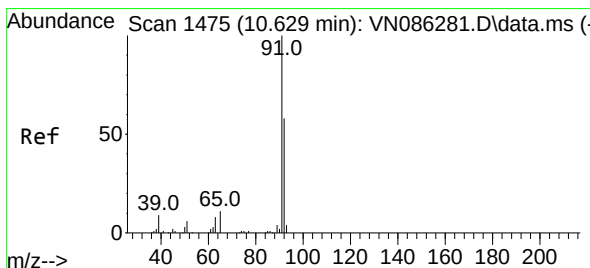
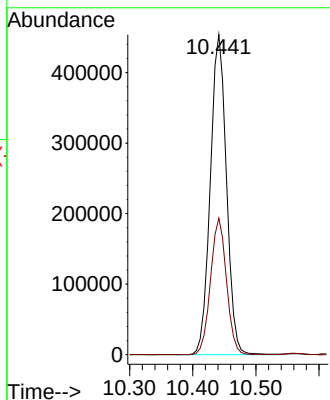
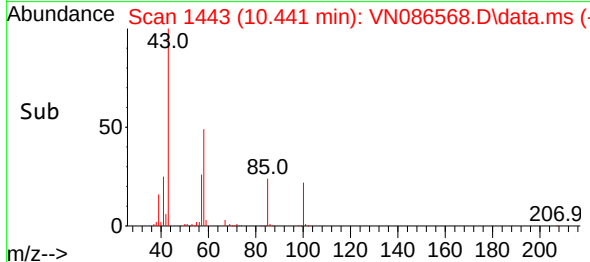
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 804394
Ion Ratio Lower Upper
43 100
58 42.1 32.2 48.4

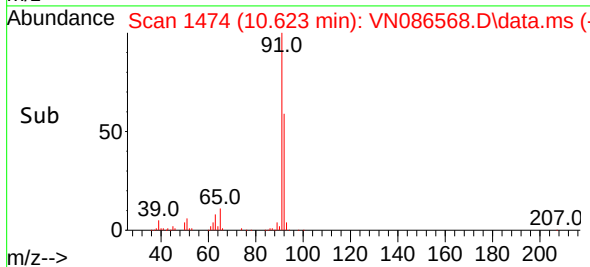
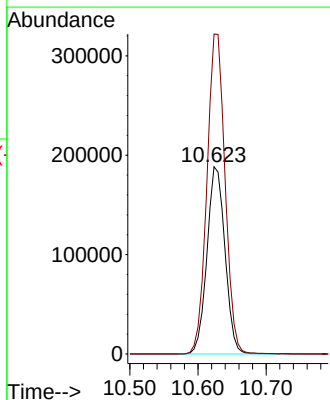
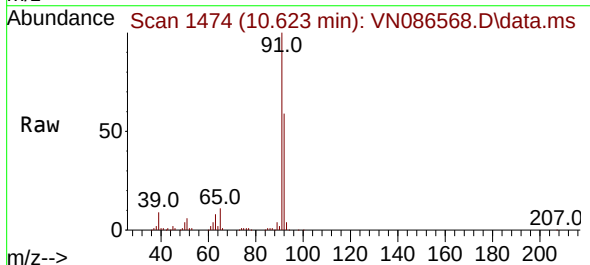
Manual Integrations
APPROVED

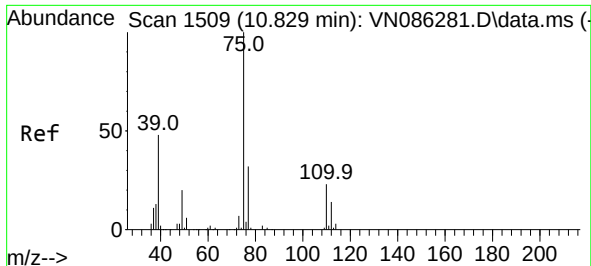
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#52
Toluene
Concen: 49.201 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

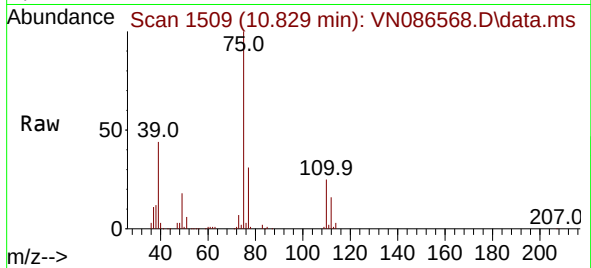
Tgt Ion: 92 Resp: 346093
Ion Ratio Lower Upper
92 100
91 172.3 137.3 205.9





#53
 t-1,3-Dichloropropene
 Concen: 47.049 ug/l
 RT: 10.829 min Scan# 1509
 Delta R.T. -0.000 min
 Lab File: VN086568.D
 Acq: 09 May 2025 17:44

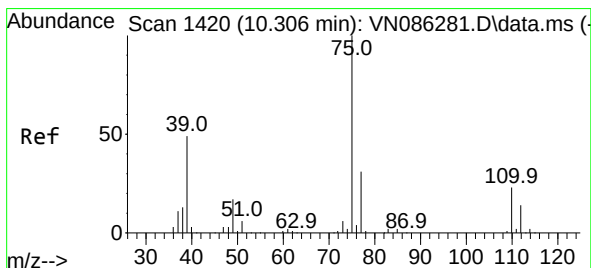
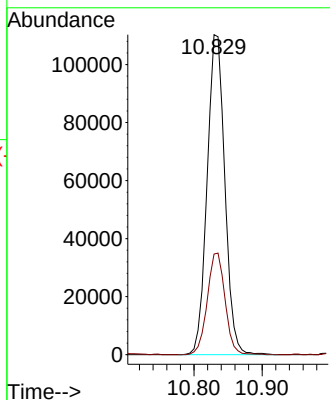
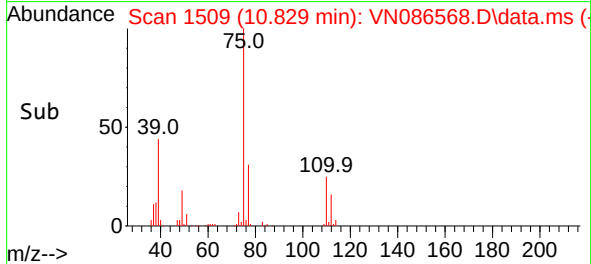
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 75 Resp: 199440
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0

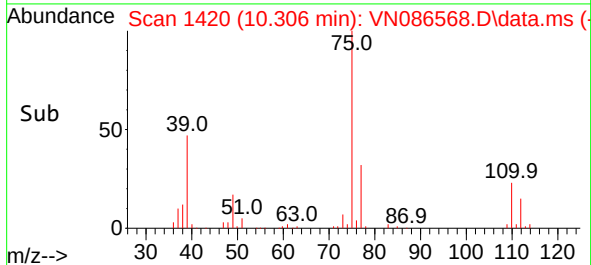
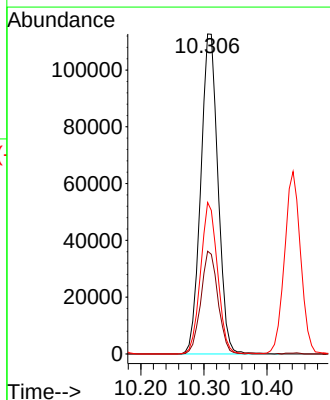
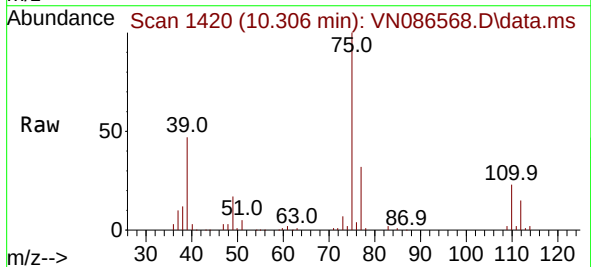
Manual Integrations
 APPROVED

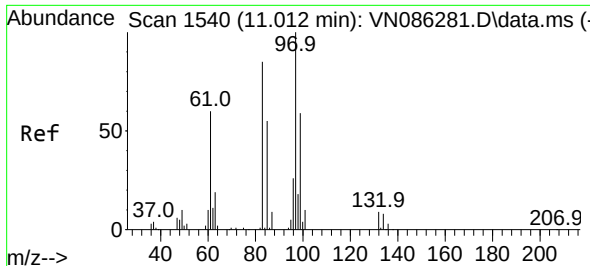
Reviewed By :John Carlone 05/12/2025
 Supervised By :Mahesh Dadoda 05/12/2025



#54
 cis-1,3-Dichloropropene
 Concen: 45.833 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VN086568.D
 Acq: 09 May 2025 17:44

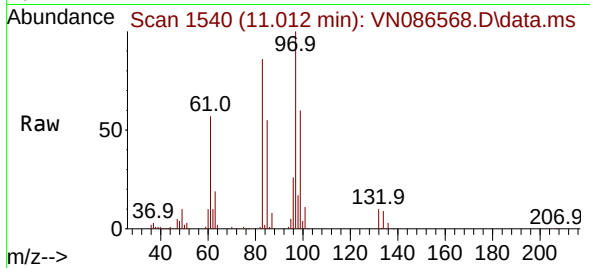
Tgt Ion: 75 Resp: 213397
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.2 37.8
 39 47.4 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 48.968 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

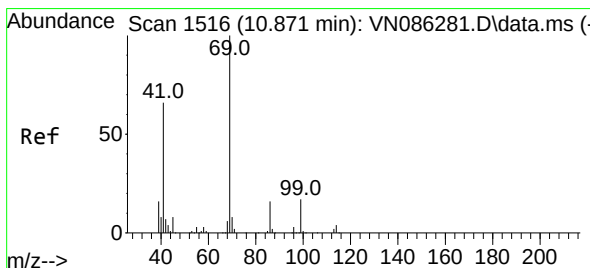
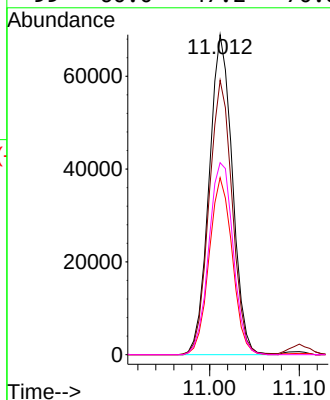
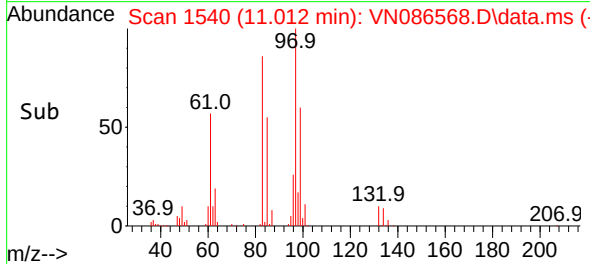
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 123932
Ion Ratio Lower Upper
97 100
83 85.8 68.4 102.6
85 55.3 43.9 65.9
99 60.0 47.2 70.8

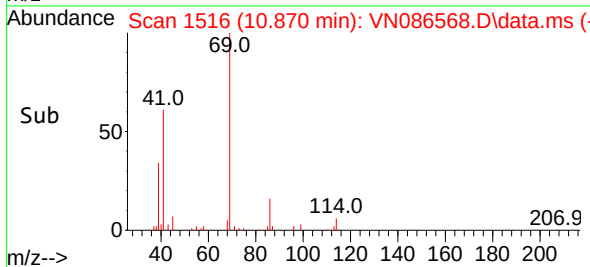
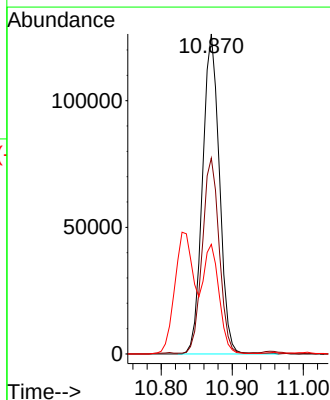
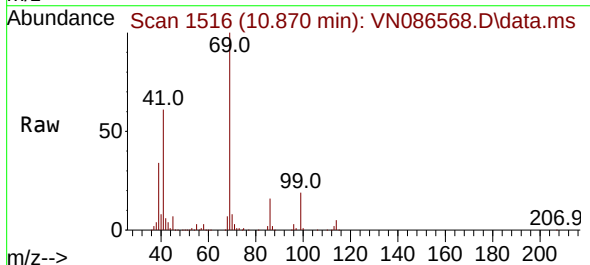
Manual Integrations
APPROVED

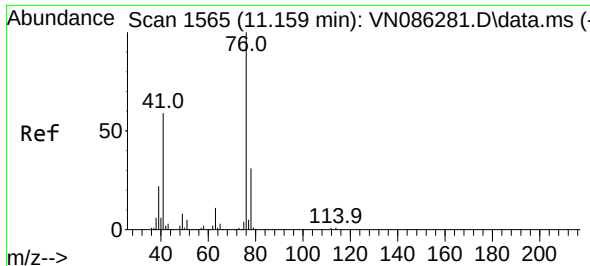
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#56
Ethyl methacrylate
Concen: 44.940 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

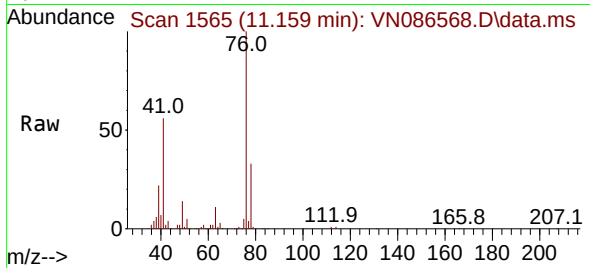
Tgt Ion: 69 Resp: 209064
Ion Ratio Lower Upper
69 100
41 61.1 51.7 77.5
39 31.4 26.3 39.5





#57
1,3-Dichloropropane
Concen: 47.497 ug/l
RT: 11.159 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

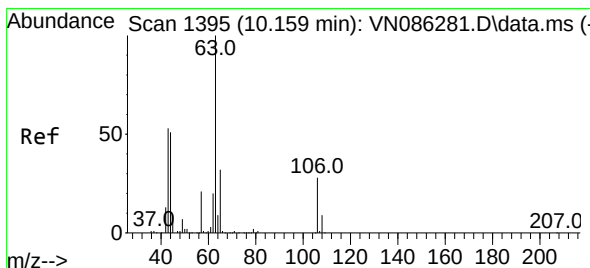
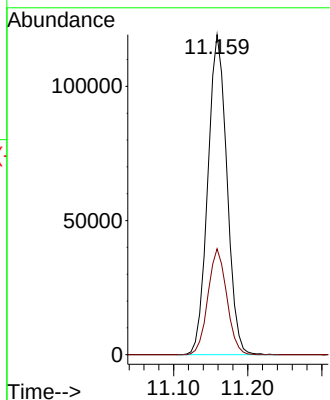
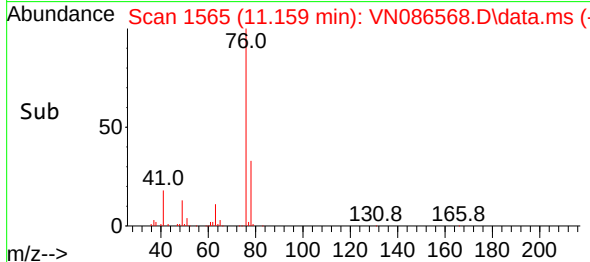
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



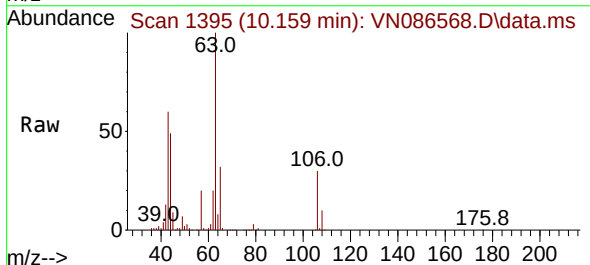
Tgt Ion: 76 Resp: 21327
Ion Ratio Lower Upper
76 100
78 32.6 25.6 38.4

Manual Integrations
APPROVED

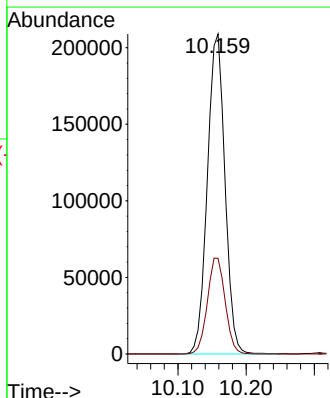
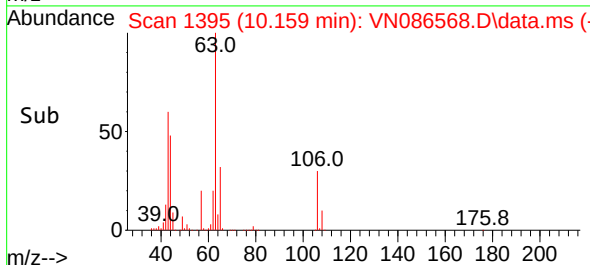
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

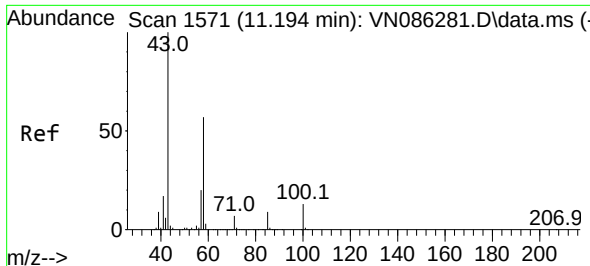


#58
2-Chloroethyl Vinyl ether
Concen: 169.725 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44



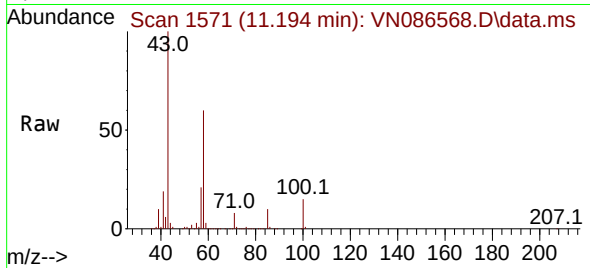
Tgt Ion: 63 Resp: 374761
Ion Ratio Lower Upper
63 100
106 30.3 22.2 33.2





#59
2-Hexanone
Concen: 205.995 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

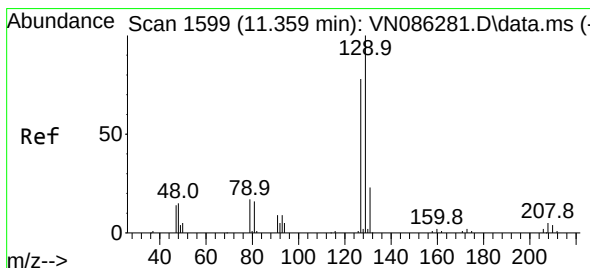
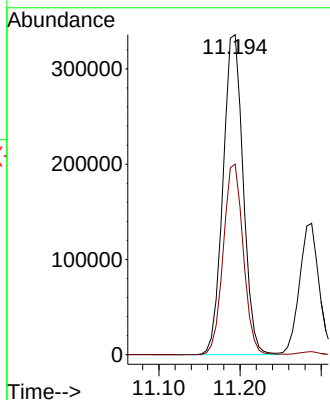
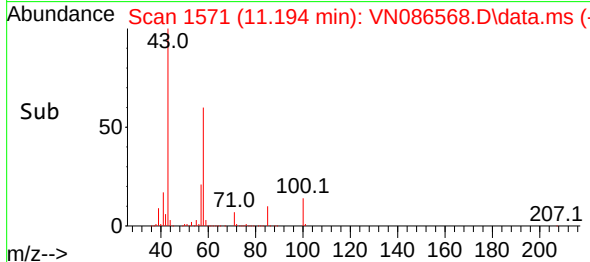
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 57958
Ion Ratio Lower Upper
43 100
58 59.1 28.3 85.0

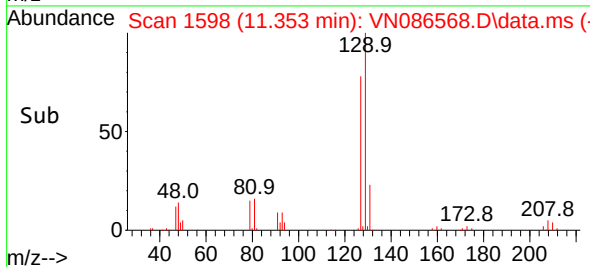
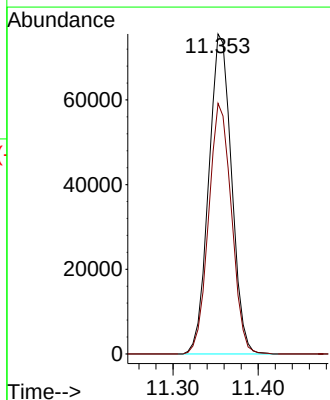
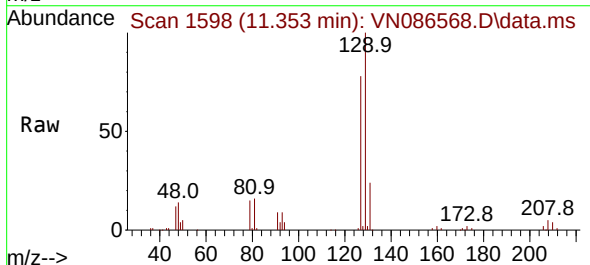
Manual Integrations
APPROVED

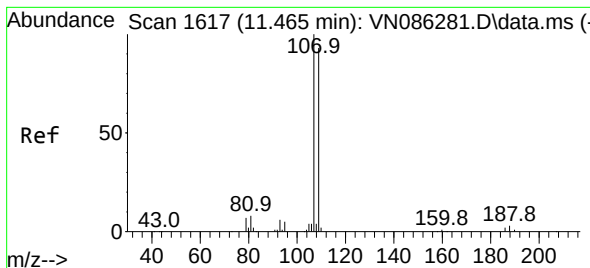
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#60
Dibromochloromethane
Concen: 50.484 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

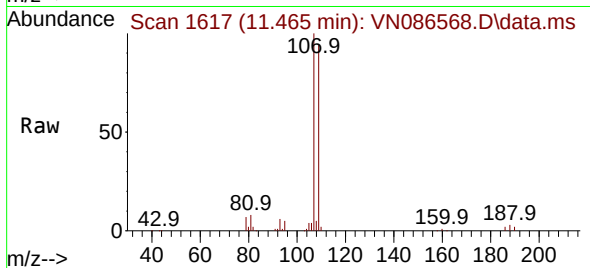
Tgt Ion:129 Resp: 140302
Ion Ratio Lower Upper
129 100
127 78.5 38.7 116.1





#61
1,2-Dibromoethane
Concen: 50.724 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

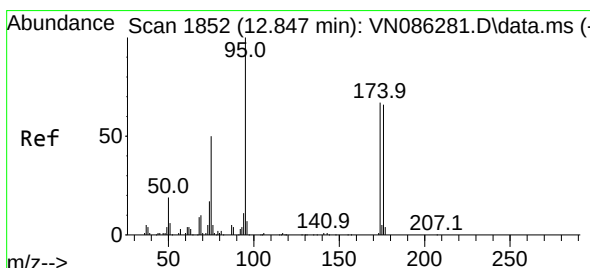
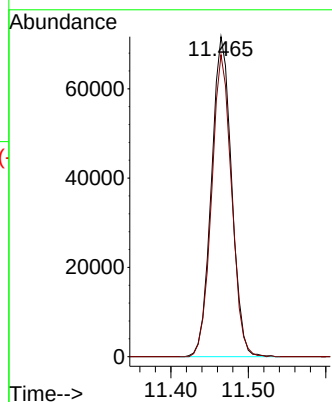
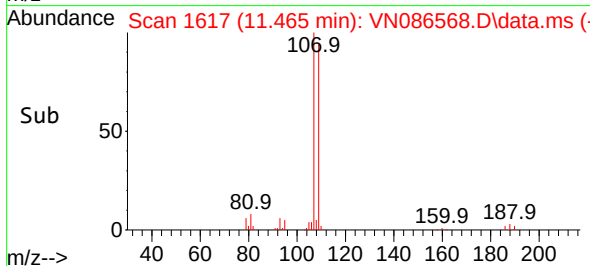
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



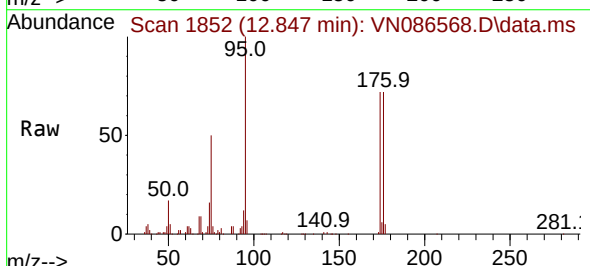
Tgt Ion:107 Resp: 12953
Ion Ratio Lower Upper
107 100
109 93.3 75.4 113.0

Manual Integrations
APPROVED

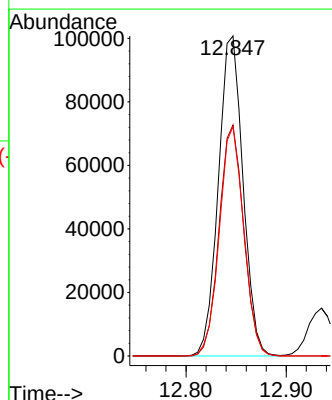
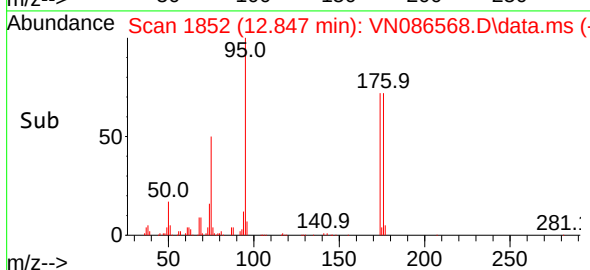
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

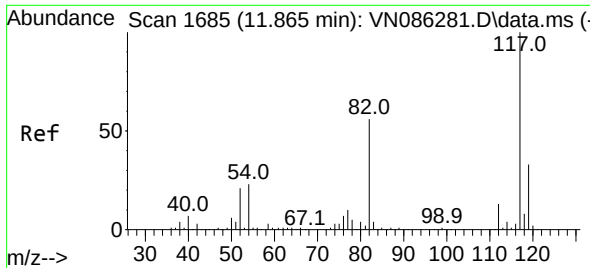


#62
4-Bromofluorobenzene
Concen: 50.003 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44



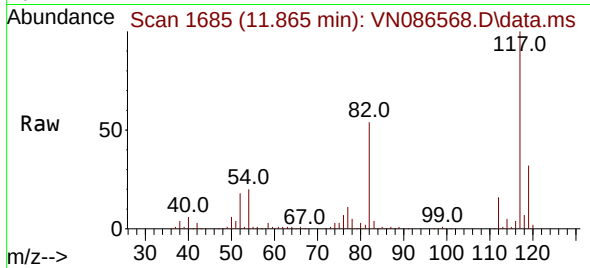
Tgt Ion: 95 Resp: 171714
Ion Ratio Lower Upper
95 100
174 71.7 0.0 133.4
176 70.7 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

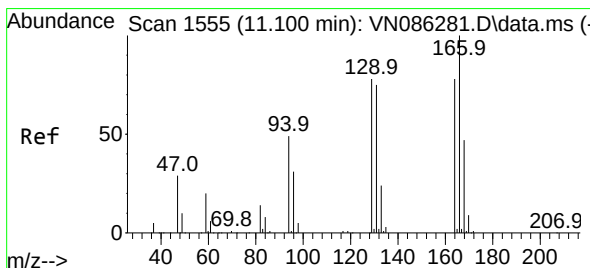
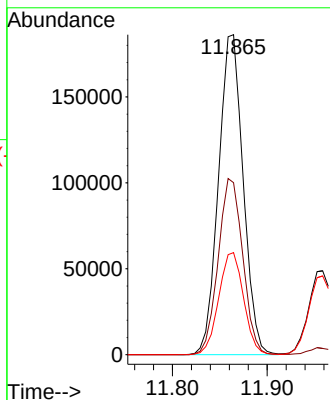
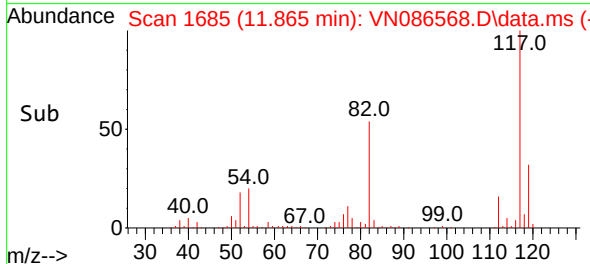
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 337285
Ion Ratio Lower Upper
117 100
82 53.8 44.7 67.1
119 31.9 26.4 39.6

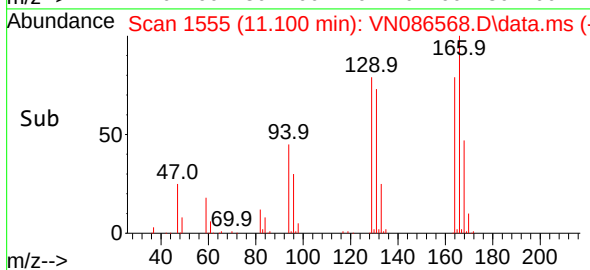
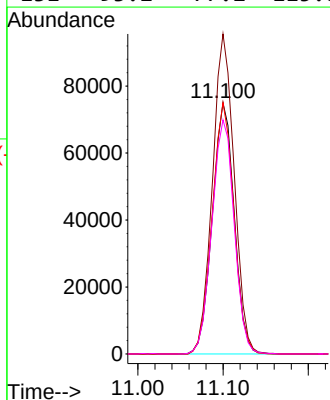
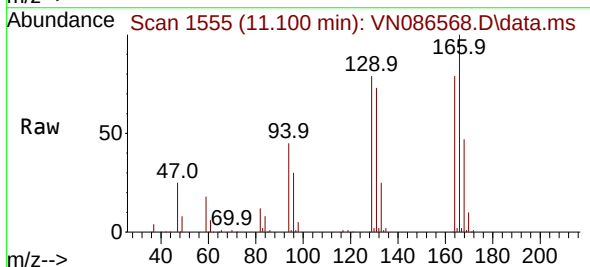
Manual Integrations
APPROVED

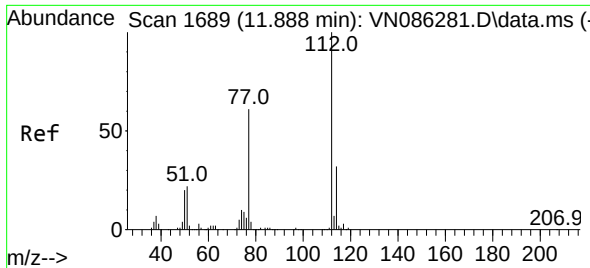
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#64
Tetrachloroethene
Concen: 51.606 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

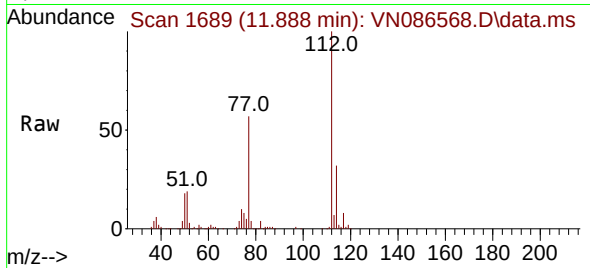
Tgt Ion:164 Resp: 133887
Ion Ratio Lower Upper
164 100
166 127.4 103.0 154.4
129 100.0 80.1 120.1
131 93.2 77.2 115.8





#65
Chlorobenzene
Concen: 49.952 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

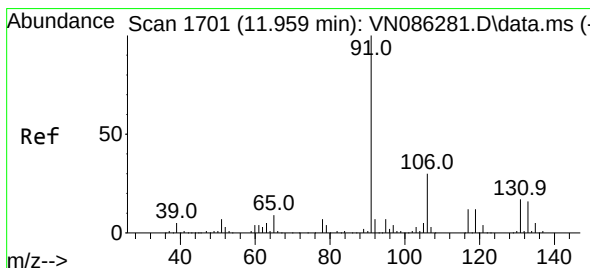
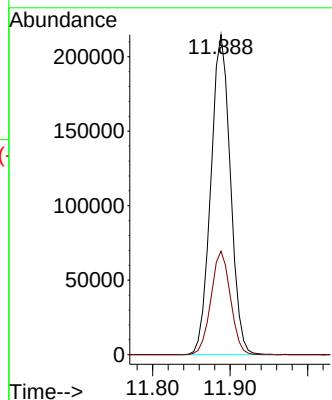
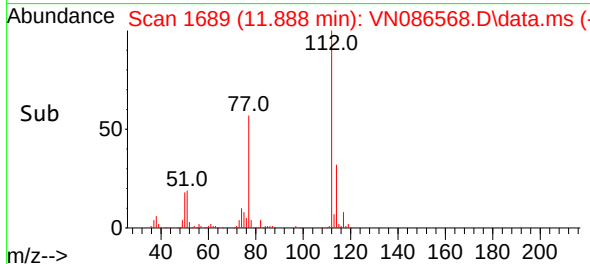
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



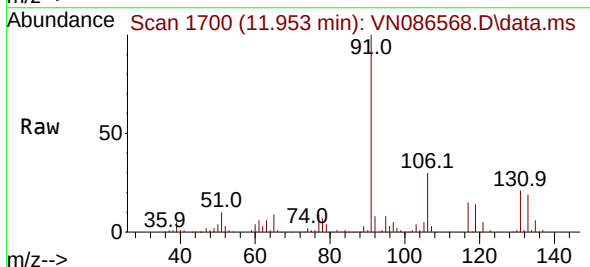
Tgt Ion:112 Resp: 37598
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0

Manual Integrations
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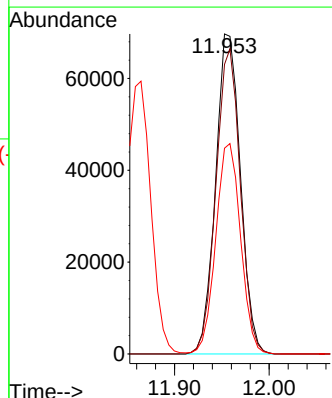
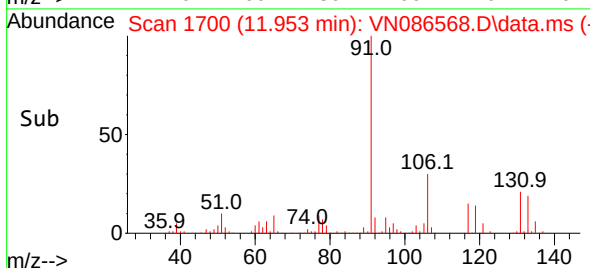
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

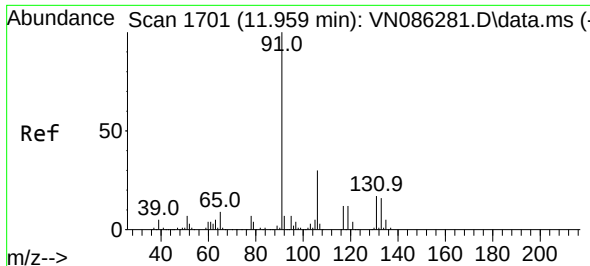


#66
1,1,1,2-Tetrachloroethane
Concen: 51.268 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44



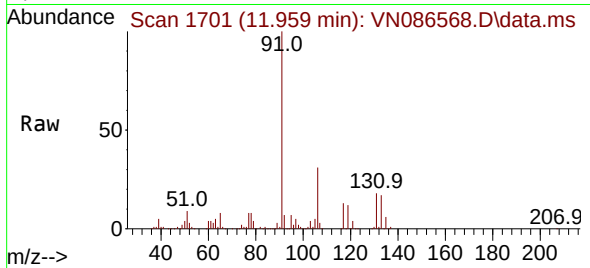
Tgt Ion:131 Resp: 127305
Ion Ratio Lower Upper
131 100
133 93.6 47.1 141.3
119 65.7 33.8 101.4





#67
Ethyl Benzene
Concen: 48.267 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

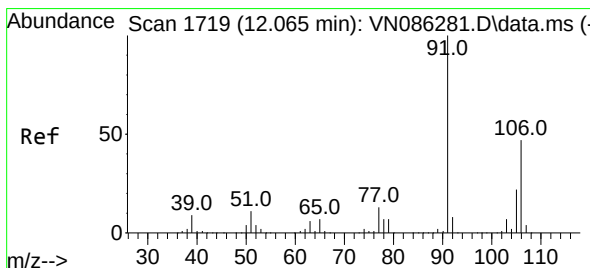
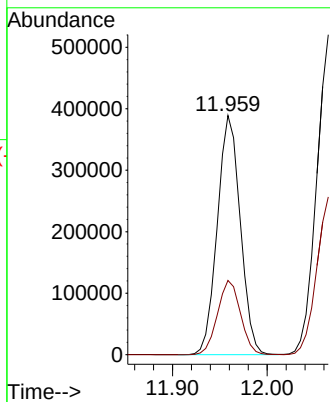
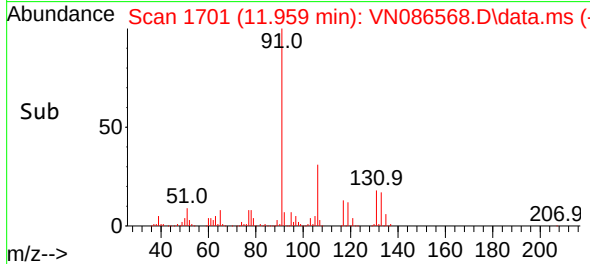
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



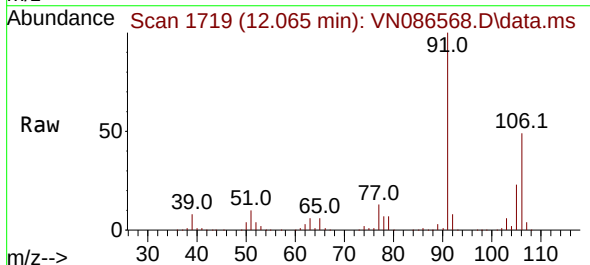
Tgt Ion: 91 Resp: 655598
Ion Ratio Lower Upper
91 100
106 31.0 24.3 36.5

Manual Integrations
APPROVED

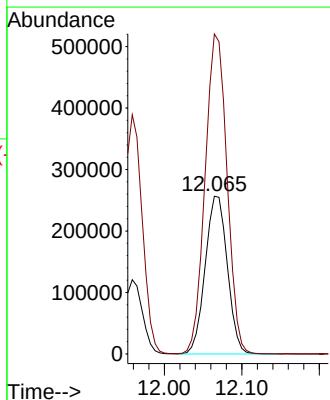
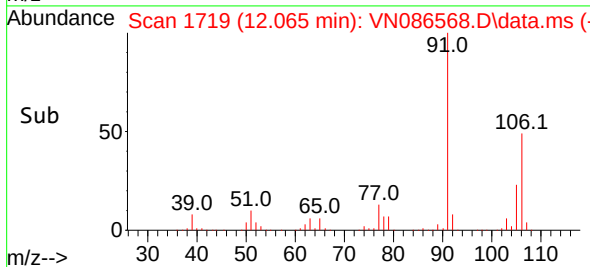
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

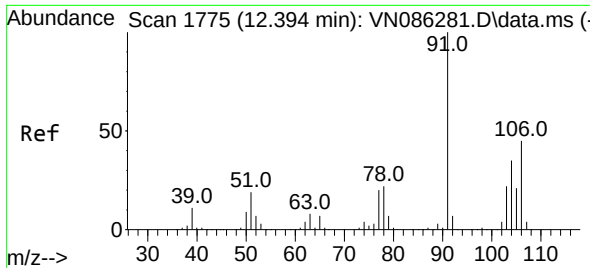


#68
m/p-Xylenes
Concen: 100.006 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44



Tgt Ion:106 Resp: 508971
Ion Ratio Lower Upper
106 100
91 201.0 166.5 249.7





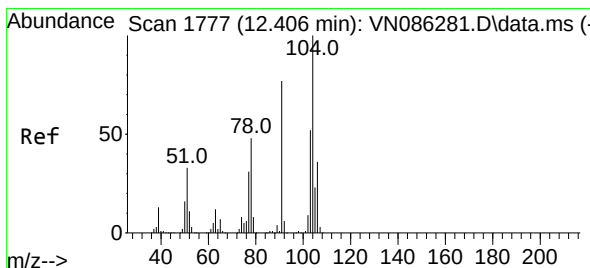
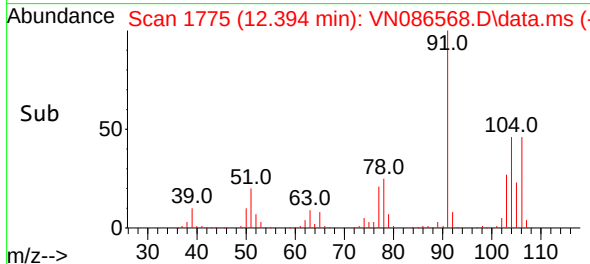
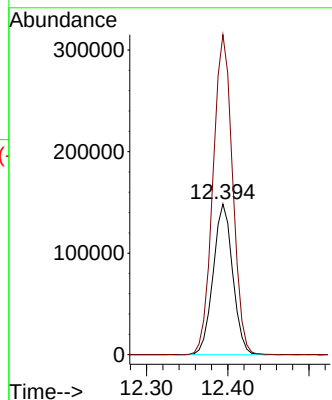
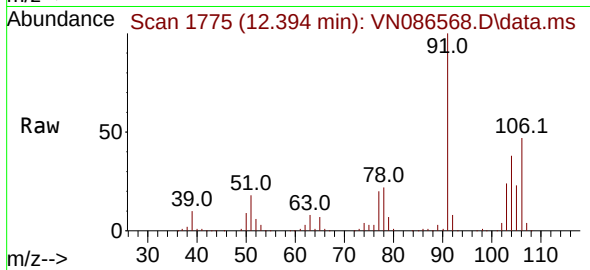
#69
o-Xylene
Concen: 49.197 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 247615
Ion Ratio Lower Upper
106 100
91 214.0 109.7 329.0

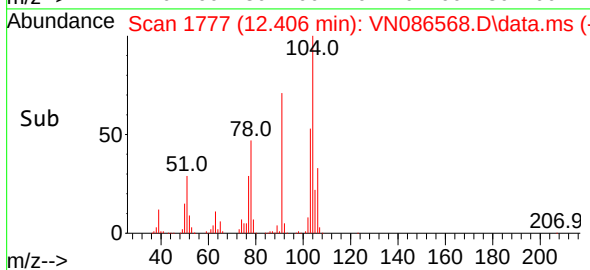
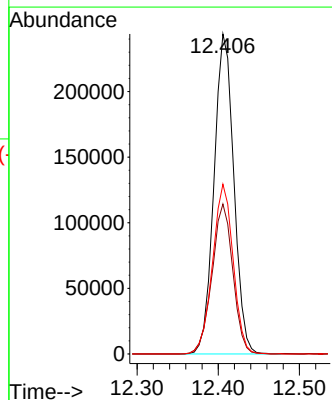
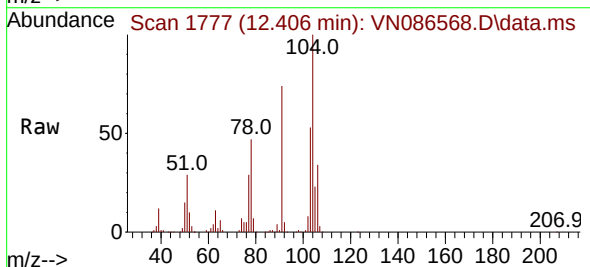
Manual Integrations
APPROVED

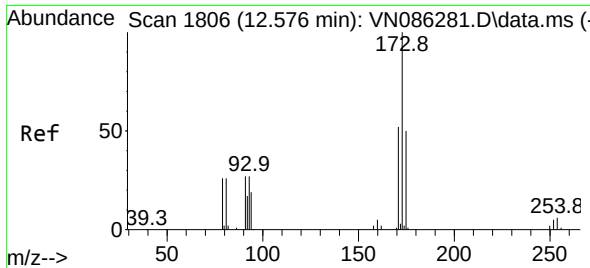
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#70
Styrene
Concen: 49.343 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

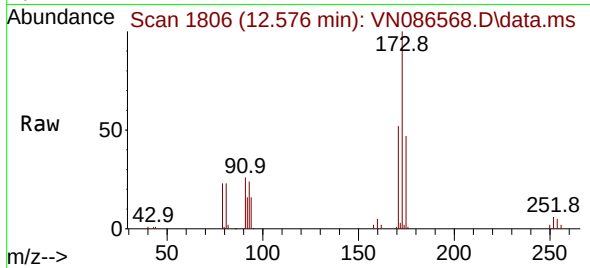
Tgt Ion:104 Resp: 413807
Ion Ratio Lower Upper
104 100
78 49.2 40.6 61.0
103 55.2 43.6 65.4





#71
Bromoform
Concen: 49.047 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

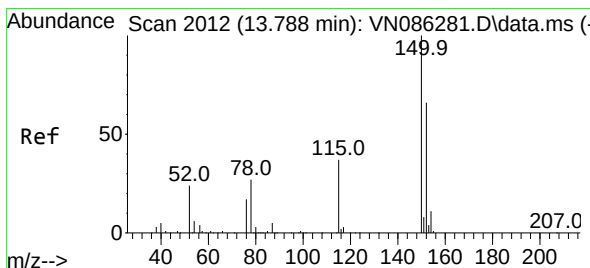
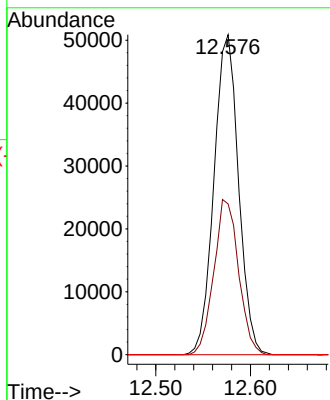
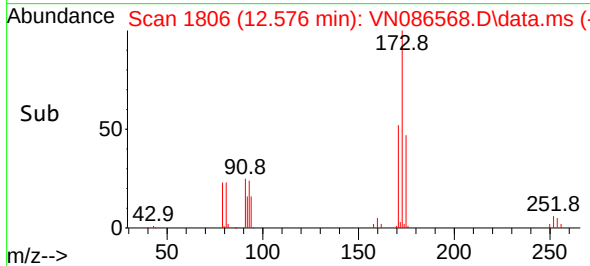
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



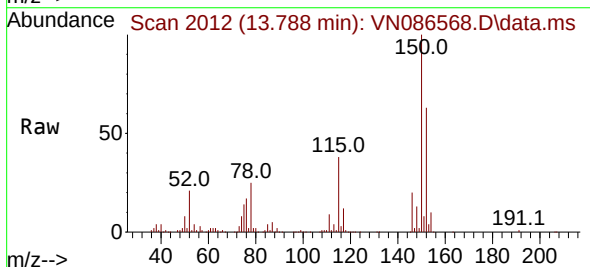
Tgt Ion:173 Resp: 91690
Ion Ratio Lower Upper
173 100
175 48.8 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

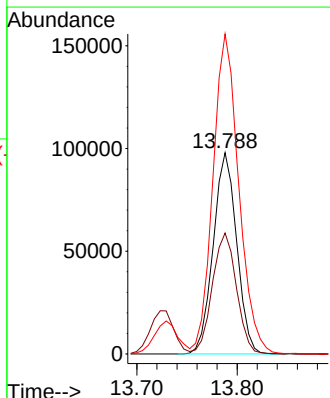
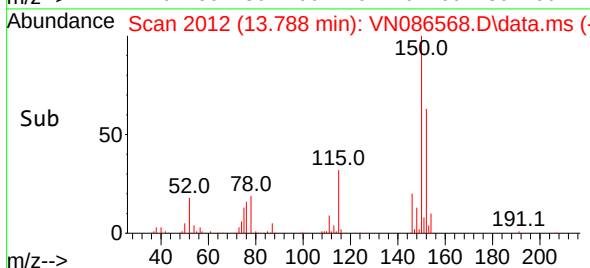
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

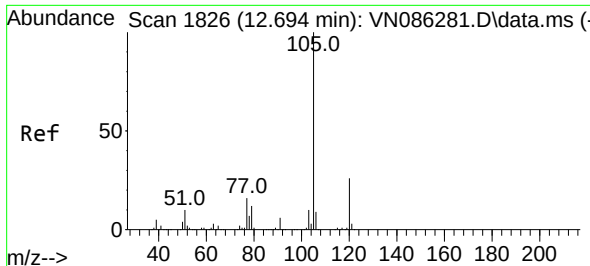


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44



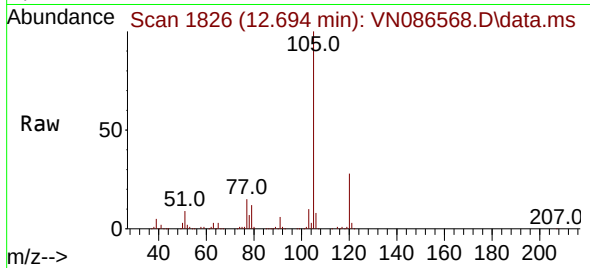
Tgt Ion:152 Resp: 159158
Ion Ratio Lower Upper
152 100
115 61.8 31.9 95.9
150 175.0 0.0 352.0





#73
Isopropylbenzene
Concen: 46.235 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

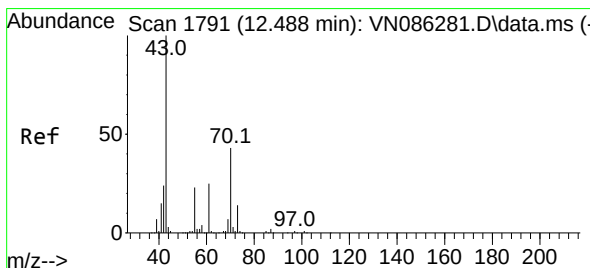
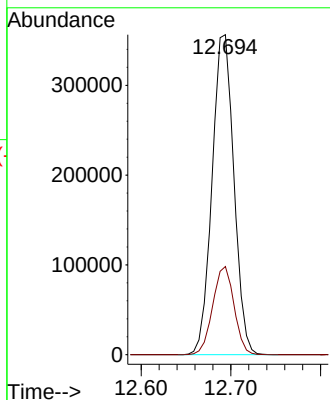
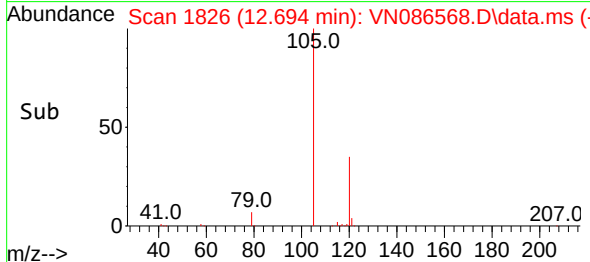
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 601950
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.3

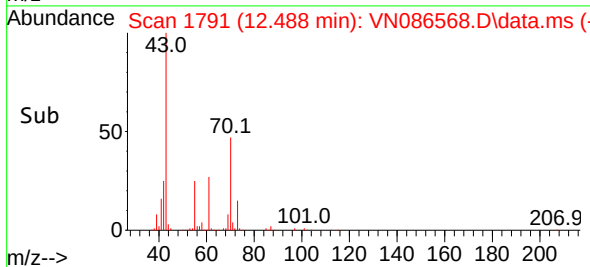
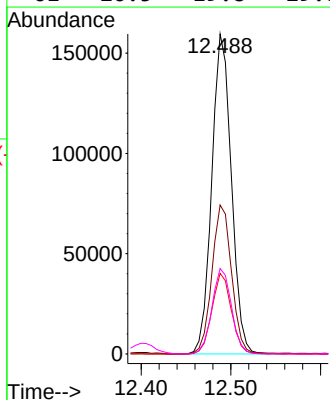
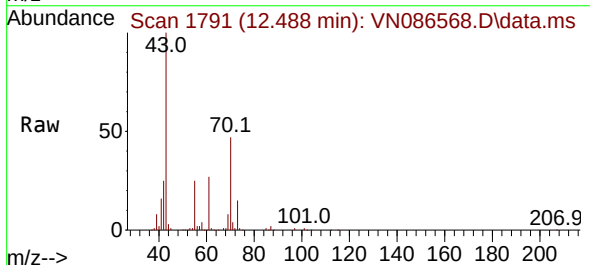
Manual Integrations
APPROVED

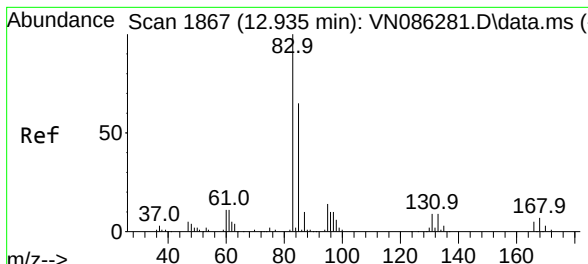
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#74
N-ethyl acetate
Concen: 37.344 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

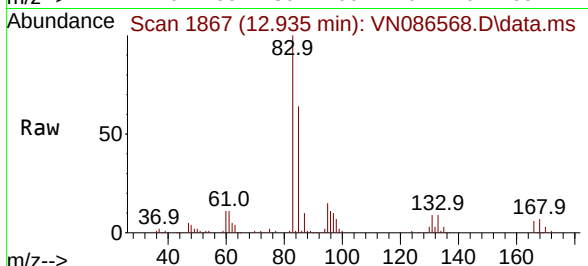
Tgt Ion: 43 Resp: 242042
Ion Ratio Lower Upper
43 100
70 46.7 35.0 52.4
55 25.0 19.0 28.4
61 26.5 19.8 29.8





#75
 1,1,2,2-Tetrachloroethane
 Concen: 45.016 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN086568.D
 Acq: 09 May 2025 17:44

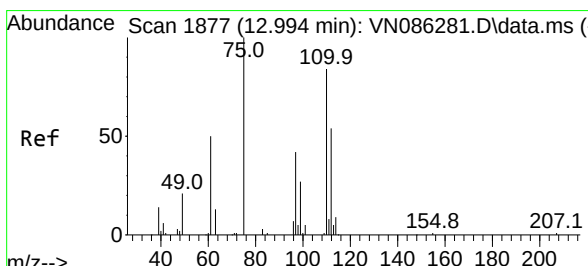
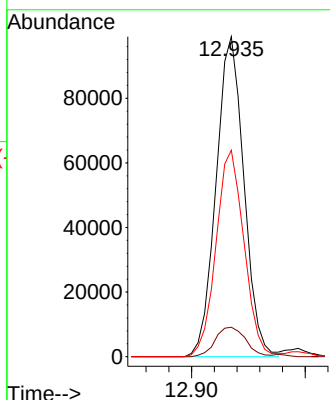
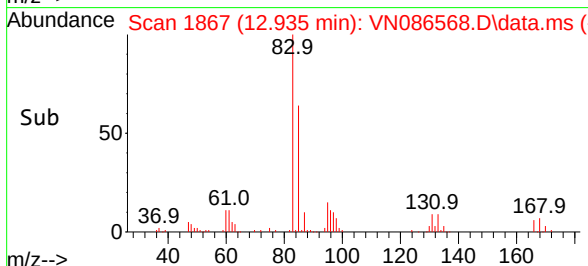
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



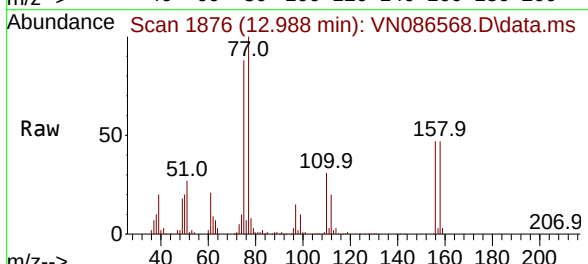
Tgt Ion: 83 Resp: 168510
 Ion Ratio Lower Upper
 83 100
 131 10.1 4.7 14.1
 85 65.1 32.7 98.1

Manual Integrations
 APPROVED

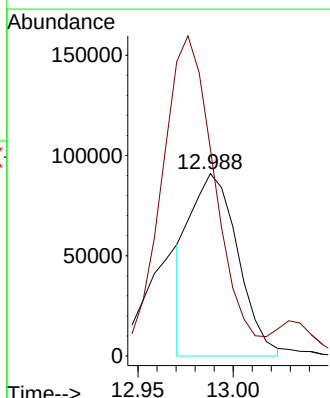
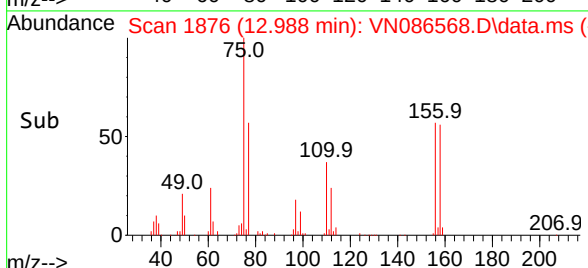
Reviewed By :John Carlone 05/12/2025
 Supervised By :Mahesh Dadoda 05/12/2025

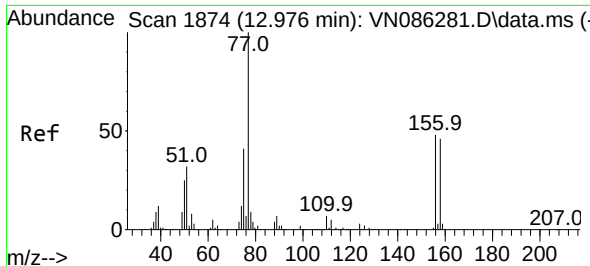


#76
 1,2,3-Trichloropropane
 Concen: 42.576 ug/l m
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VN086568.D
 Acq: 09 May 2025 17:44



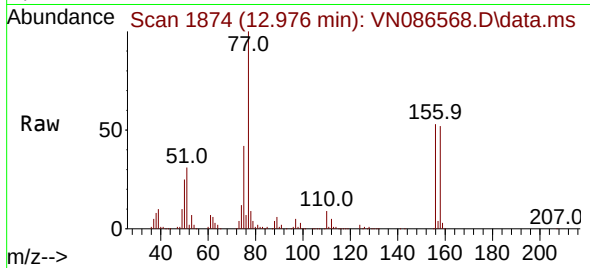
Tgt Ion: 75 Resp: 159910
 Ion Ratio Lower Upper
 75 100
 77 197.0 98.8 296.4





#77
Bromobenzene
Concen: 50.470 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

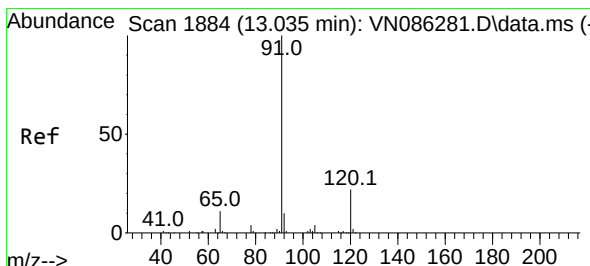
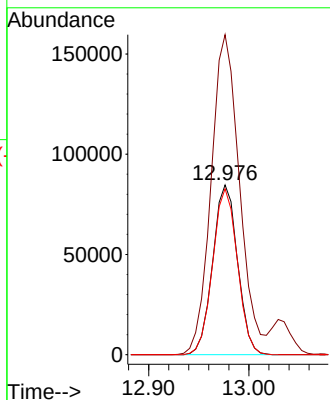
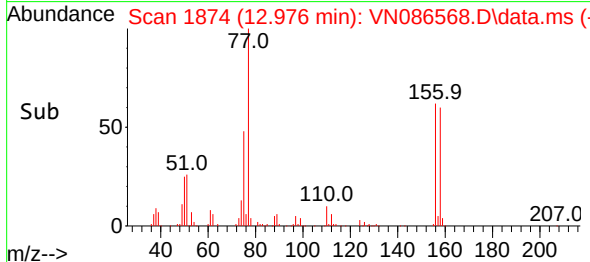
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



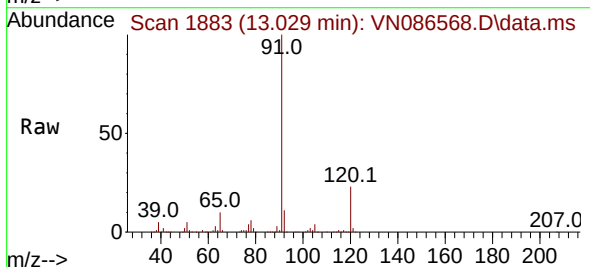
Tgt Ion:156 Resp: 145590
Ion Ratio Lower Upper
156 100
77 216.4 121.1 363.1
158 97.4 47.9 143.6

Manual Integrations
APPROVED

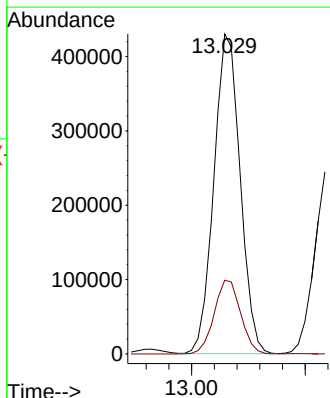
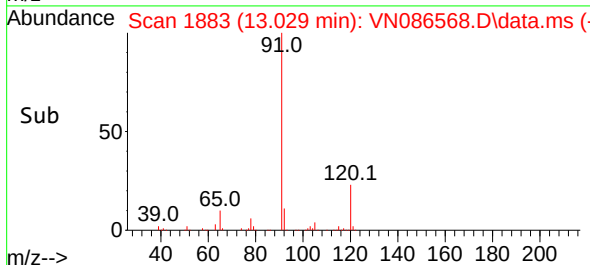
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

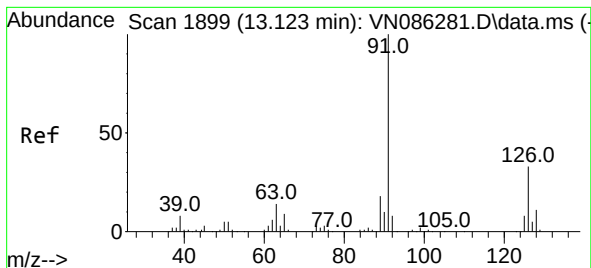


#78
n-propylbenzene
Concen: 44.990 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44



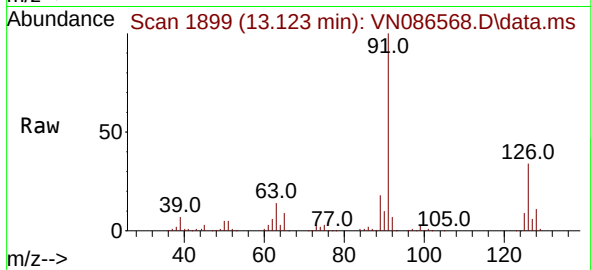
Tgt Ion: 91 Resp: 690224
Ion Ratio Lower Upper
91 100
120 23.2 11.1 33.3





#79
2-Chlorotoluene
Concen: 45.363 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

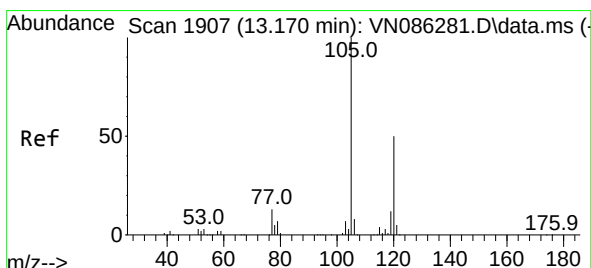
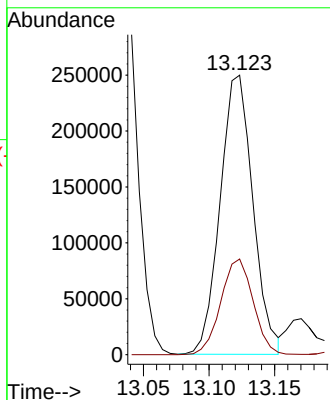
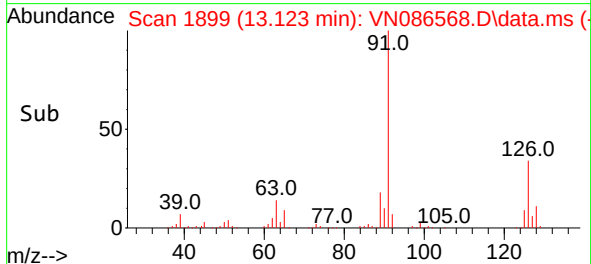
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



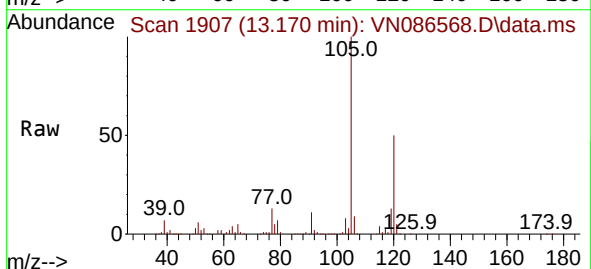
Tgt Ion: 91 Resp: 435484
Ion Ratio Lower Upper
91 100
126 33.7 16.1 48.2

Manual Integrations
APPROVED

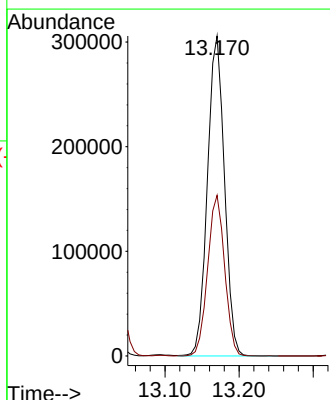
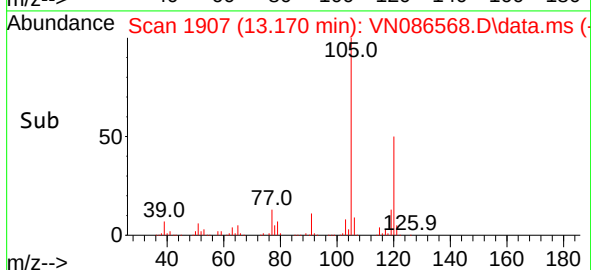
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

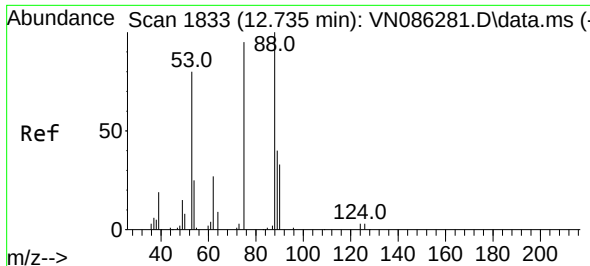


#80
1,3,5-Trimethylbenzene
Concen: 45.757 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44



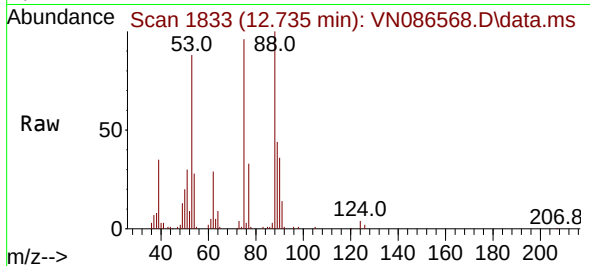
Tgt Ion:105 Resp: 487584
Ion Ratio Lower Upper
105 100
120 50.1 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 41.409 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

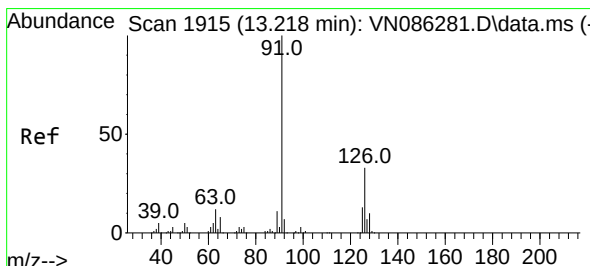
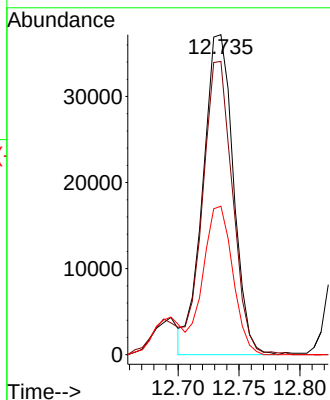
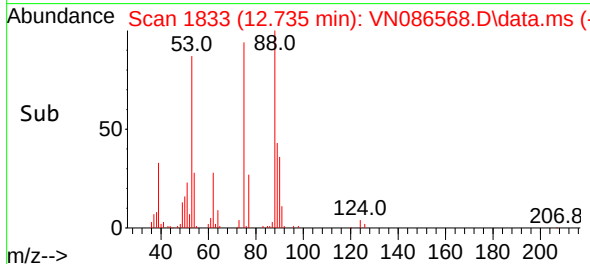
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 64760
Ion Ratio Lower Upper
75 100
53 90.5 79.2 118.8
89 45.1 35.7 53.5

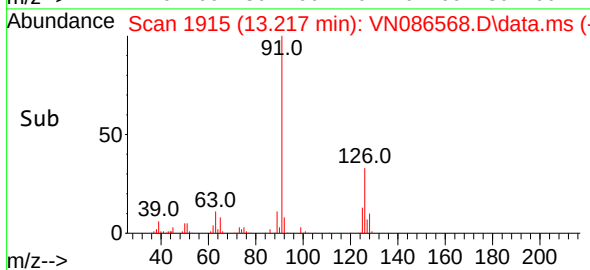
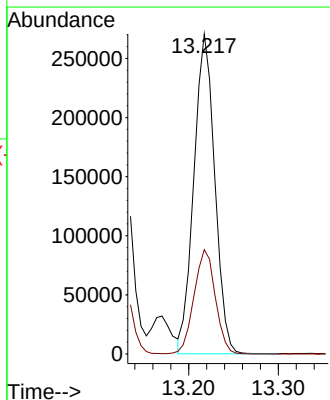
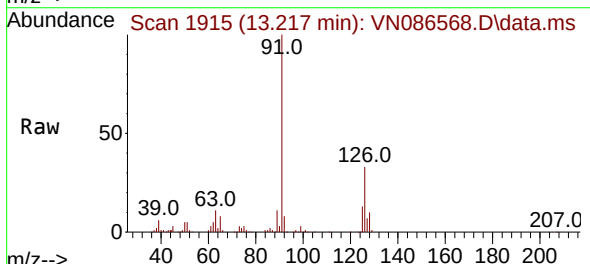
Manual Integrations
APPROVED

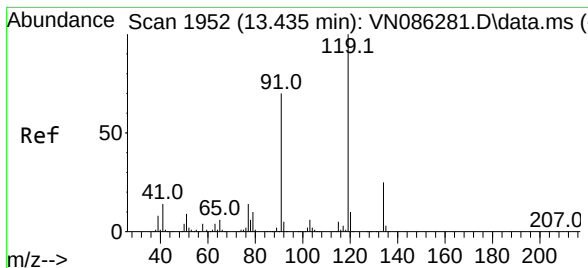
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#82
4-Chlorotoluene
Concen: 45.817 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

Tgt Ion: 91 Resp: 436920
Ion Ratio Lower Upper
91 100
126 33.3 16.2 48.6





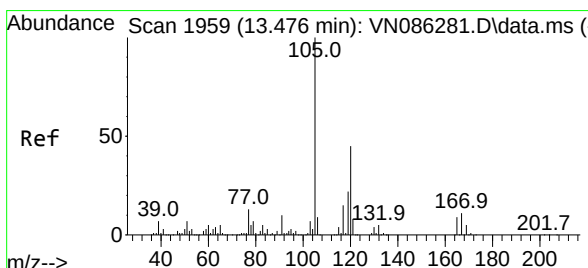
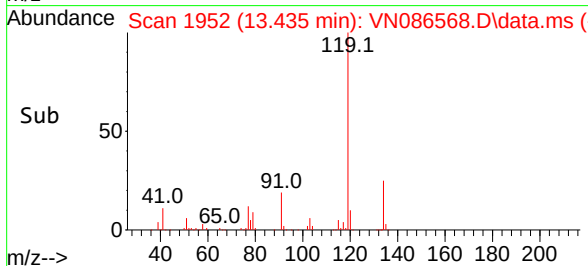
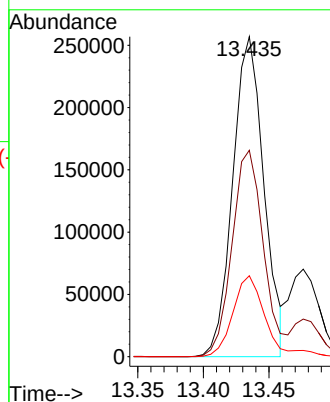
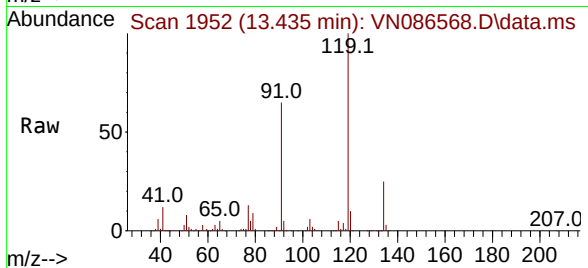
#83
tert-Butylbenzene
Concen: 45.941 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 424183
Ion Ratio Lower Upper
119 100
91 65.6 34.4 103.3
134 26.5 13.0 39.0

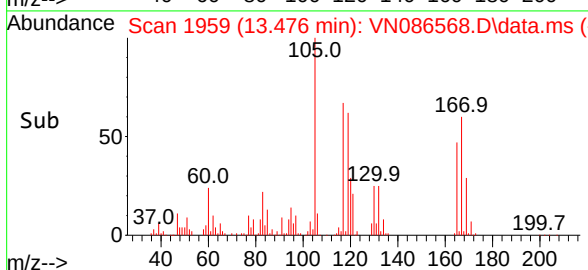
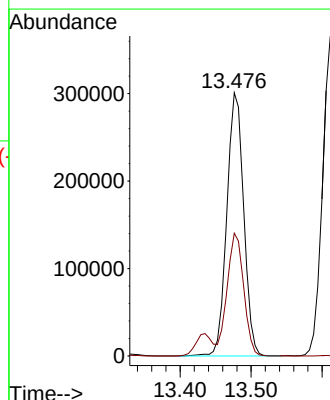
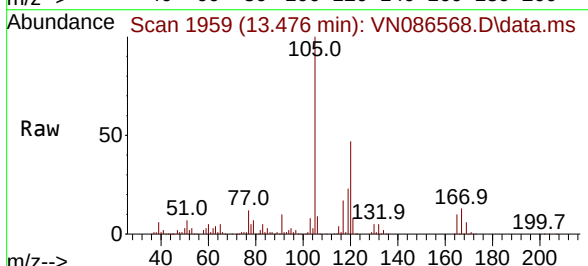
Manual Integrations
APPROVED

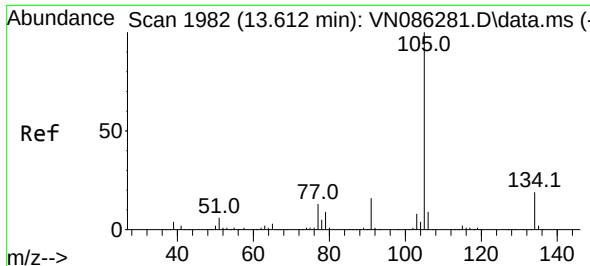
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#84
1,2,4-Trimethylbenzene
Concen: 45.732 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

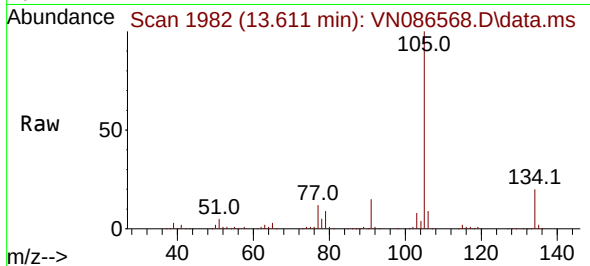
Tgt Ion:105 Resp: 496051
Ion Ratio Lower Upper
105 100
120 45.4 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 44.939 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086568.D
 Acq: 09 May 2025 17:44

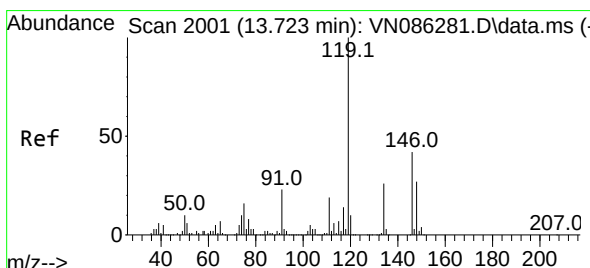
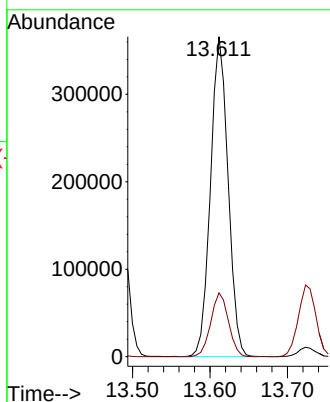
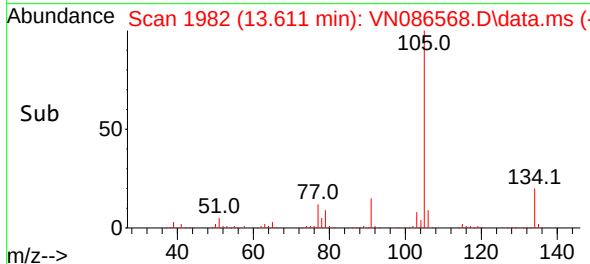
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



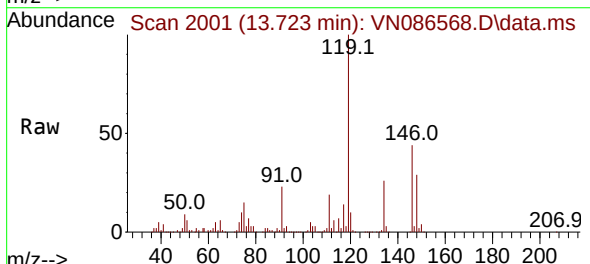
Tgt Ion:105 Resp: 575530
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.7 29.1

Manual Integrations
 APPROVED

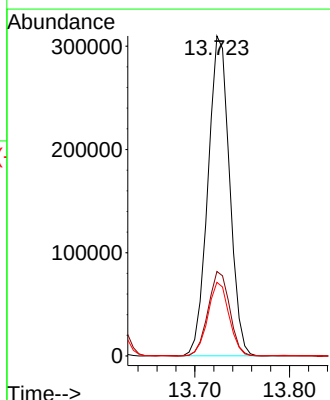
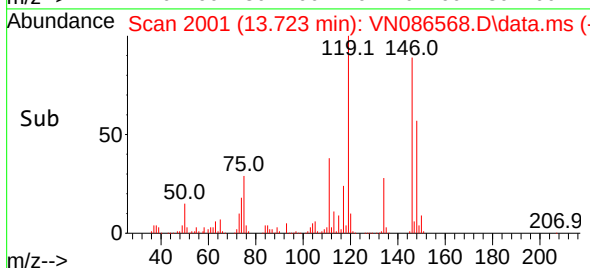
Reviewed By :John Carlone 05/12/2025
 Supervised By :Mahesh Dadoda 05/12/2025

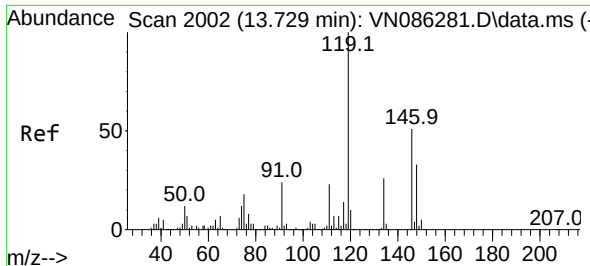


#86
 p-Isopropyltoluene
 Concen: 46.385 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086568.D
 Acq: 09 May 2025 17:44



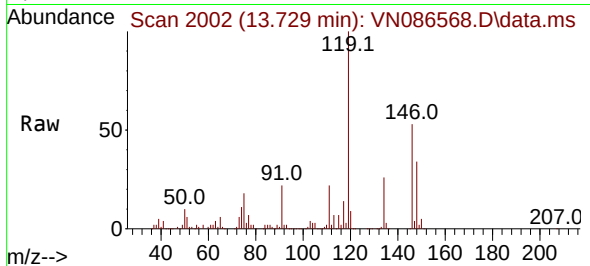
Tgt Ion:119 Resp: 489657
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 22.7 11.9 35.9





#87
1,3-Dichlorobenzene
Concen: 48.547 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

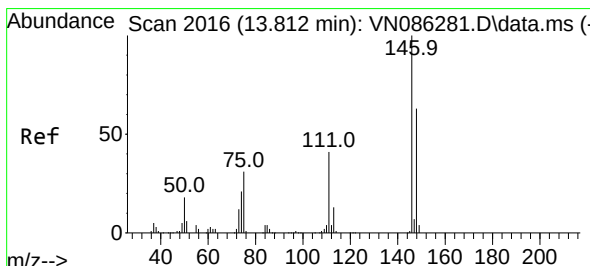
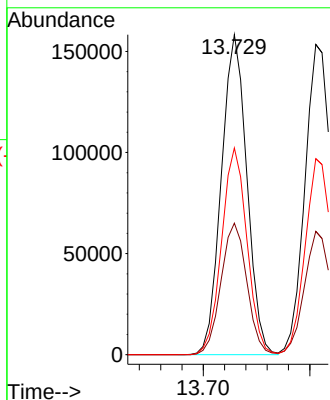
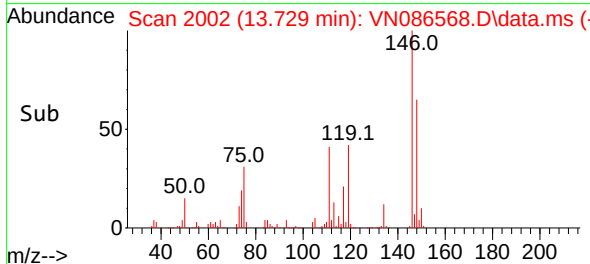
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



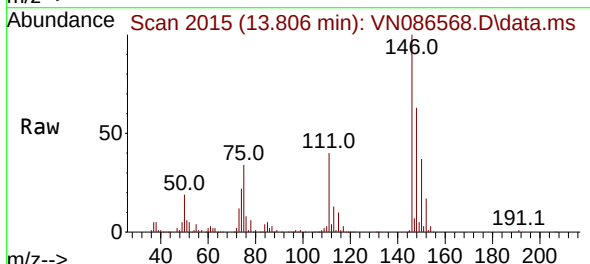
Tgt Ion:146 Resp: 263269
Ion Ratio Lower Upper
146 100
111 41.7 21.9 65.7
148 64.2 31.9 95.5

Manual Integrations
APPROVED

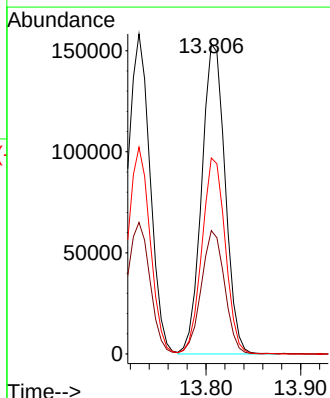
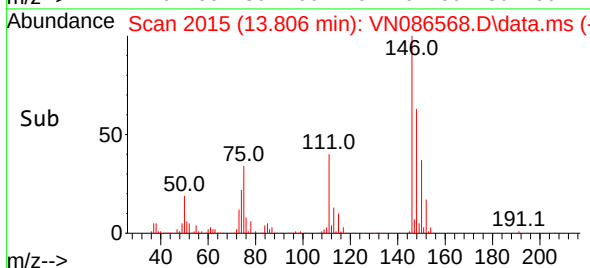
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

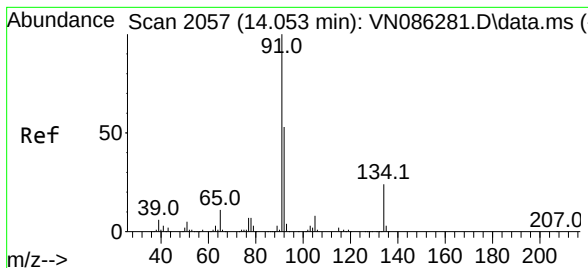


#88
1,4-Dichlorobenzene
Concen: 48.336 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44



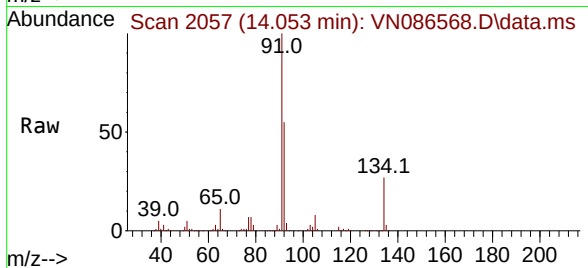
Tgt Ion:146 Resp: 264014
Ion Ratio Lower Upper
146 100
111 39.4 21.3 63.9
148 62.9 31.9 95.9





#89
n-Butylbenzene
Concen: 43.794 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

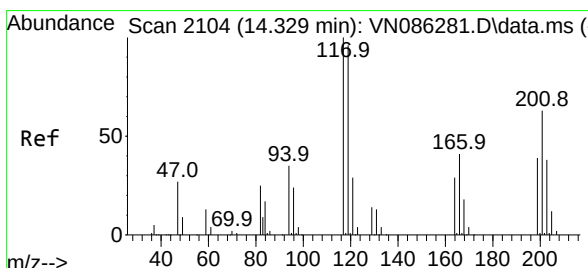
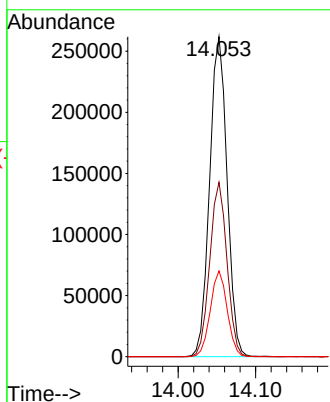
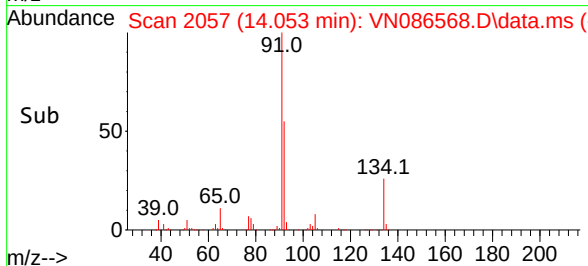
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 40977
Ion Ratio Lower Upper
91 100
92 53.8 26.8 80.4
134 25.9 12.2 36.6

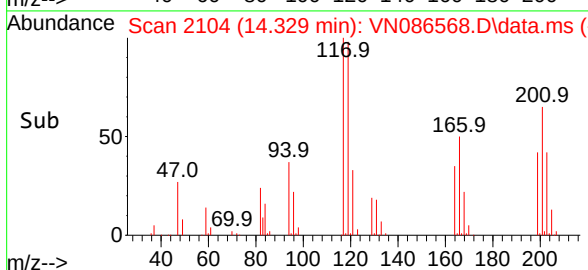
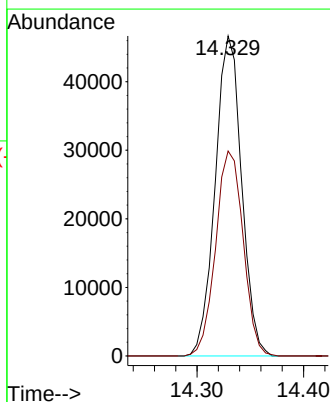
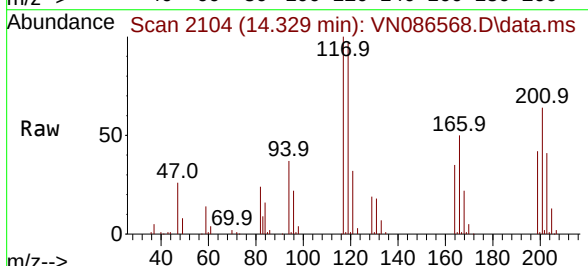
Manual Integrations
APPROVED

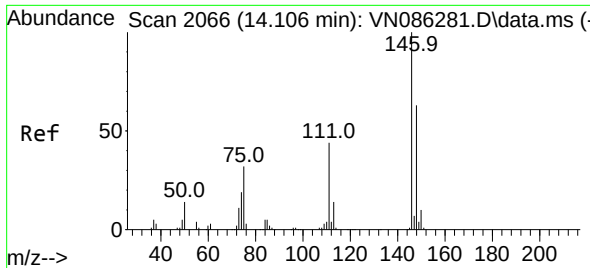
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#90
Hexachloroethane
Concen: 45.336 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

Tgt Ion:117 Resp: 80500
Ion Ratio Lower Upper
117 100
201 66.5 31.4 94.2





#91

1,2-Dichlorobenzene

Concen: 48.501 ug/l

RT: 14.100 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN086568.D

Acq: 09 May 2025 17:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

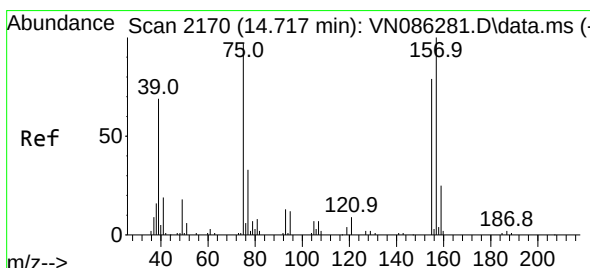
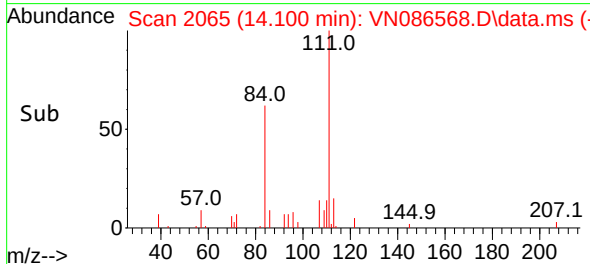
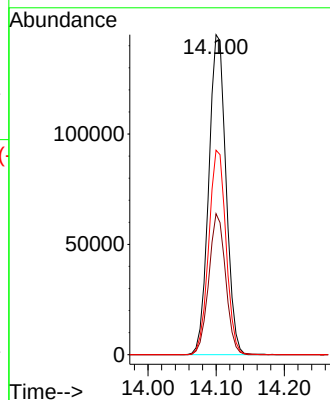
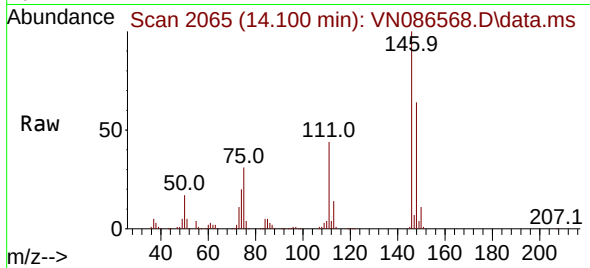
Tgt Ion:	146	Resp:	25500
Ion Ratio	Lower	Upper	
146	100		
111	43.0	22.4	67.0
148	63.9	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 41.522 ug/l

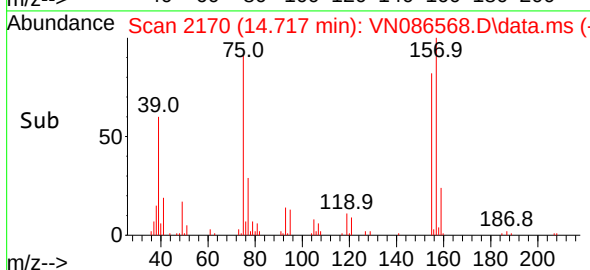
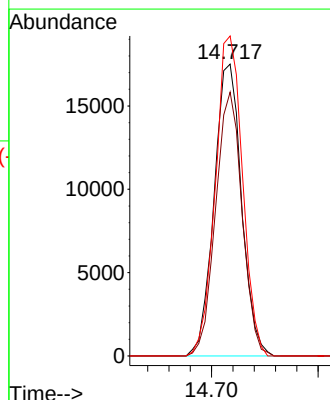
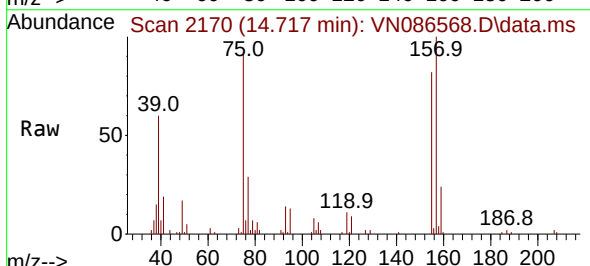
RT: 14.717 min Scan# 2170

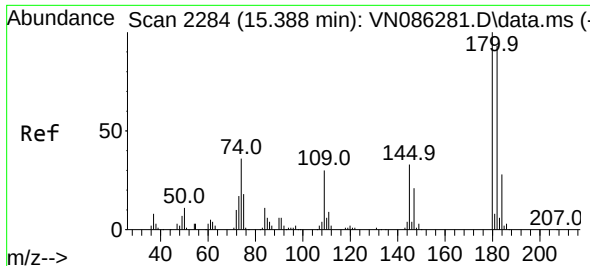
Delta R.T. -0.000 min

Lab File: VN086568.D

Acq: 09 May 2025 17:44

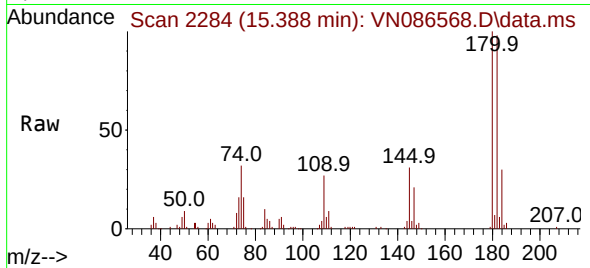
Tgt Ion:	75	Resp:	31341
Ion Ratio	Lower	Upper	
75	100		
155	87.0	40.3	120.9
157	108.5	49.0	147.2





#93
1,2,4-Trichlorobenzene
Concen: 48.199 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

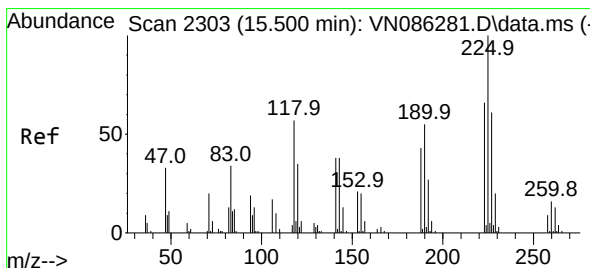
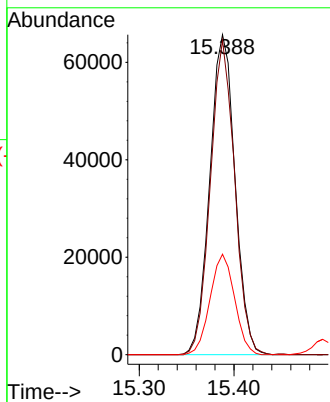
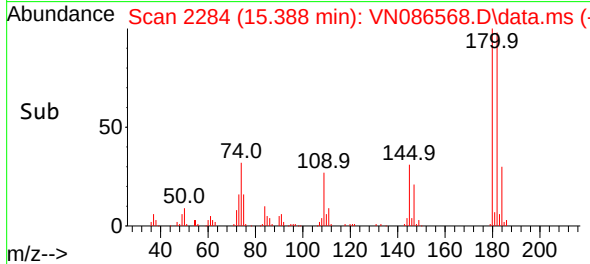
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



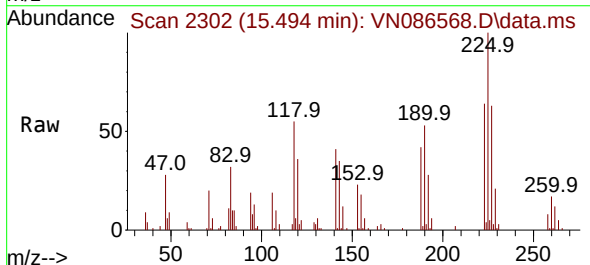
Tgt Ion:180 Resp: 12134
Ion Ratio Lower Upper
180 100
182 94.4 47.0 141.0
145 30.6 16.4 49.1

Manual Integrations
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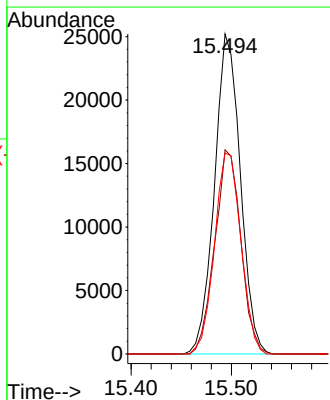
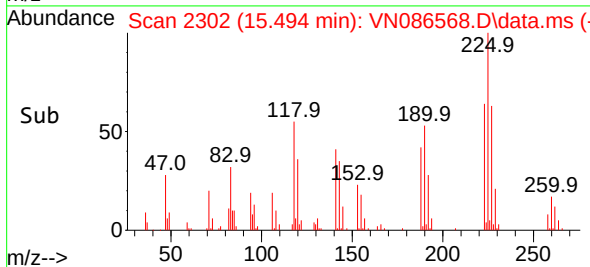
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

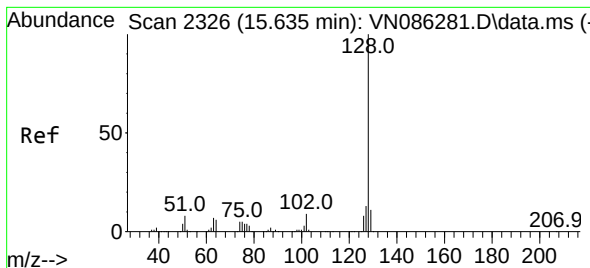


#94
Hexachlorobutadiene
Concen: 47.566 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44



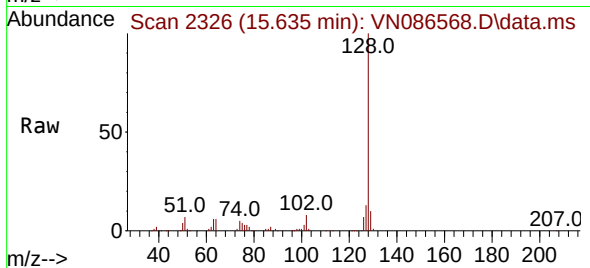
Tgt Ion:225 Resp: 45205
Ion Ratio Lower Upper
225 100
223 64.3 32.8 98.3
227 64.1 31.4 94.0





#95
Naphthalene
Concen: 45.239 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

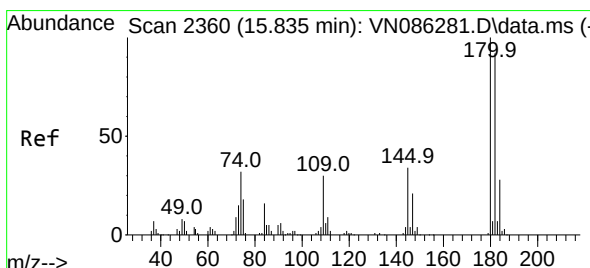
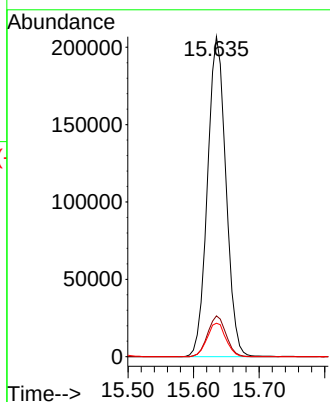
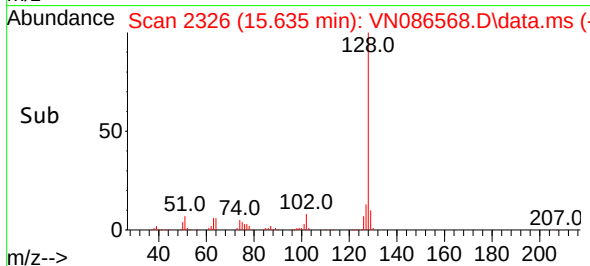
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 403740
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#96
1,2,3-Trichlorobenzene
Concen: 48.130 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086568.D
Acq: 09 May 2025 17:44

Tgt Ion:180 Resp: 114720
Ion Ratio Lower Upper
180 100
182 93.9 47.3 142.0
145 33.6 17.2 51.5

