

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041825\
 Data File : VN086334.D
 Acq On : 18 Apr 2025 11:09
 Operator : JC\MD
 Sample : VN0418WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0418WBS01

Manual Integrations
 APPROVED

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

Quant Time: Apr 19 02:20:28 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	184094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	332119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	293659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132106	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127301	47.687	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.380%
35) Dibromofluoromethane	8.165	113	76525	49.646	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.300%
50) Toluene-d8	10.565	98	393735	47.795	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.580%
62) 4-Bromofluorobenzene	12.847	95	140539	46.772	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.540%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	45094	20.663	ug/l	99
3) Chloromethane	2.359	50	59470	18.751	ug/l	99
4) Vinyl Chloride	2.518	62	59514	19.664	ug/l	99
5) Bromomethane	2.959	94	31036	22.797	ug/l	97
6) Chloroethane	3.118	64	38601	19.056	ug/l	95
7) Trichlorofluoromethane	3.500	101	70886	21.144	ug/l	98
8) Diethyl Ether	3.959	74	29072	19.864	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	42083	20.750	ug/l	99
10) Methyl Iodide	4.589	142	50028	22.437	ug/l	99
11) Tert butyl alcohol	5.512	59	46359	95.178	ug/l	99
12) 1,1-Dichloroethene	4.341	96	43876	20.250	ug/l	98
13) Acrolein	4.183	56	36583	155.359	ug/l	99
14) Allyl chloride	5.024	41	68784	17.857	ug/l	96
15) Acrylonitrile	5.712	53	116554	96.799	ug/l	100
16) Acetone	4.424	43	109043	115.063	ug/l	97
17) Carbon Disulfide	4.712	76	119270	18.384	ug/l	99
18) Methyl Acetate	5.024	43	57082	17.813	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	156855	19.693	ug/l	99
20) Methylene Chloride	5.271	84	50005	20.262	ug/l	98
21) trans-1,2-Dichloroethene	5.788	96	45215	19.960	ug/l	90
22) Diisopropyl ether	6.665	45	158720	18.942	ug/l	97
23) Vinyl Acetate	6.600	43	567696	96.918	ug/l	98
24) 1,1-Dichloroethane	6.565	63	87429	19.775	ug/l	99
25) 2-Butanone	7.477	43	163910	98.643	ug/l	98
26) 2,2-Dichloropropane	7.488	77	80209	20.263	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	56107	19.955	ug/l	98
28) Bromochloromethane	7.812	49	46150	24.619	ug/l	93
29) Tetrahydrofuran	7.835	42	99623	89.657	ug/l	96
30) Chloroform	7.965	83	87804	20.217	ug/l	98
31) Cyclohexane	8.253	56	81595	18.861	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	77018	20.730	ug/l	96
36) 1,1-Dichloropropene	8.371	75	63394	20.591	ug/l	98
37) Ethyl Acetate	7.559	43	61328	18.921	ug/l	100
38) Carbon Tetrachloride	8.359	117	60997	20.804	ug/l	99
39) Methylcyclohexane	9.594	83	76406	20.880	ug/l	98
40) Benzene	8.600	78	203069	20.587	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	7.777	41	34921	18.589	ug/l	95
42) 1,2-Dichloroethane	8.665	62	66351	21.093	ug/l	100
43) Isopropyl Acetate	8.688	43	119925	19.204	ug/l	100
44) Trichloroethene	9.347	130	50097	21.428	ug/l	99
45) 1,2-Dichloropropane	9.618	63	49666	20.569	ug/l	98
46) Dibromomethane	9.706	93	33062	21.491	ug/l	96
47) Bromodichloromethane	9.888	83	69806	21.009	ug/l	99
48) Methyl methacrylate	9.676	41	52845	18.566	ug/l	96
49) 1,4-Dioxane	9.688	88	19125	395.012	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	325457	98.057	ug/l	98
52) Toluene	10.629	92	127971	20.792	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	77631	20.930	ug/l	97
54) cis-1,3-Dichloropropene	10.306	75	82538	20.260	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	46225	20.874	ug/l	99
56) Ethyl methacrylate	10.871	69	80028	19.660	ug/l	98
57) 1,3-Dichloropropane	11.159	76	81231	20.675	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	159422	82.516	ug/l	98
59) 2-Hexanone	11.194	43	245134	99.573	ug/l	100
60) Dibromochloromethane	11.359	129	52077	21.416	ug/l	100
61) 1,2-Dibromoethane	11.465	107	47029	21.047	ug/l	99
64) Tetrachloroethene	11.100	164	49395	21.867	ug/l	97
65) Chlorobenzene	11.888	112	136093	20.767	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	45425	21.011	ug/l	99
67) Ethyl Benzene	11.959	91	240543	20.340	ug/l	99
68) m/p-Xylenes	12.070	106	182087	41.093	ug/l	98
69) o-Xylene	12.394	106	89396	20.400	ug/l	98
70) Styrene	12.406	104	150535	20.617	ug/l	99
71) Bromoform	12.576	173	33689	20.697	ug/l #	100
73) Isopropylbenzene	12.694	105	223823	20.712	ug/l	100
74) N-amyl acetate	12.488	43	94773	17.616	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	60962	19.620	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	53026m	17.009	ug/l	
77) Bromobenzene	12.976	156	50854	21.238	ug/l	96
78) n-propylbenzene	13.029	91	262582	20.620	ug/l	100
79) 2-Chlorotoluene	13.123	91	161371	20.252	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	183395	20.735	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	25576	19.703	ug/l	94
82) 4-Chlorotoluene	13.217	91	161029	20.344	ug/l	100
83) tert-Butylbenzene	13.435	119	162723	21.232	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	183643	20.397	ug/l	99
85) sec-Butylbenzene	13.611	105	224096	21.081	ug/l	99
86) p-Isopropyltoluene	13.723	119	188051	21.462	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	94560	21.008	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	93456	20.614	ug/l	100
89) n-Butylbenzene	14.053	91	165446	21.303	ug/l	99
90) Hexachloroethane	14.329	117	29509	20.022	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	91319	20.925	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12326	19.674	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	47489	22.725	ug/l	99
94) Hexachlorobutadiene	15.494	225	19157	24.285	ug/l	98
95) Naphthalene	15.635	128	155450	20.985	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	44050	22.266	ug/l	99

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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

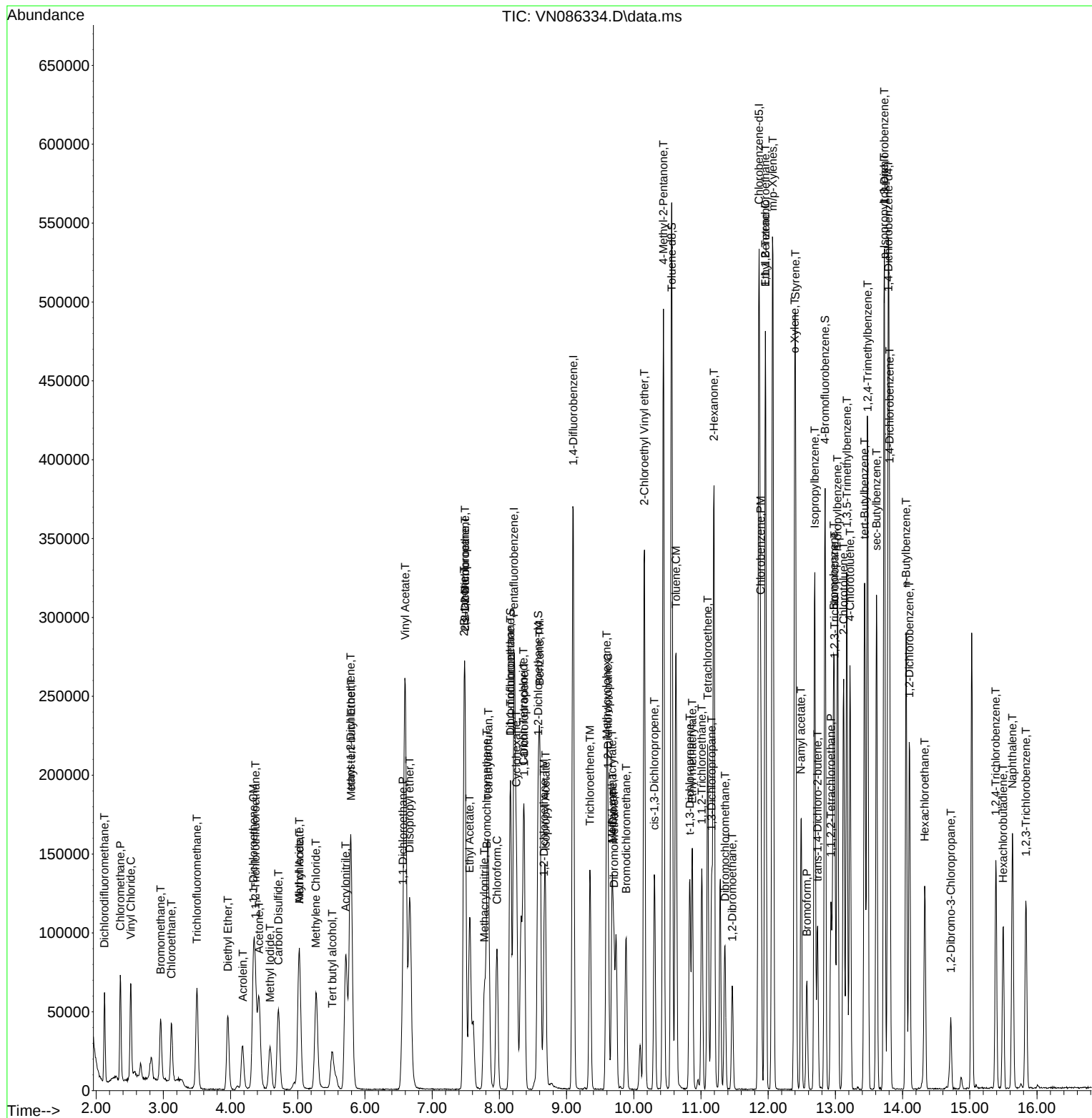
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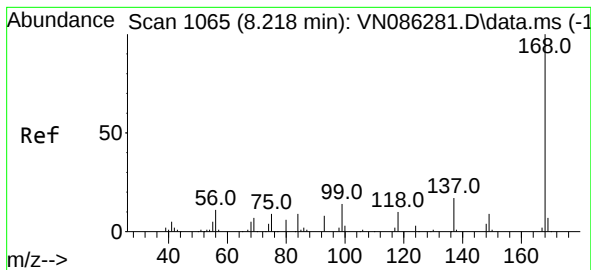
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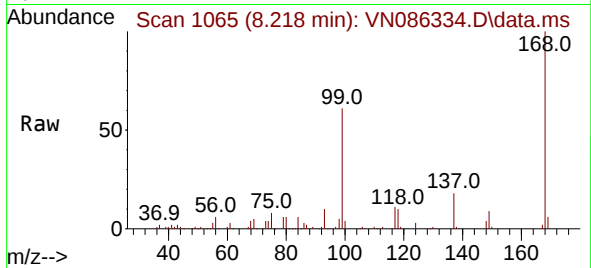
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086334.D
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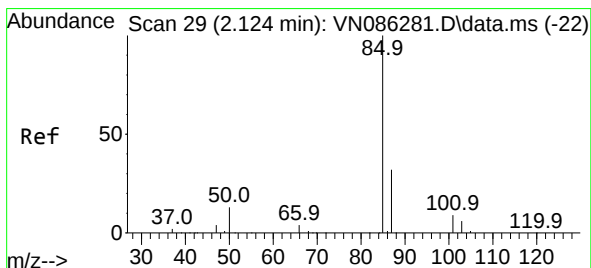
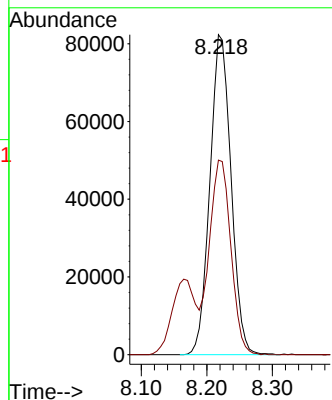
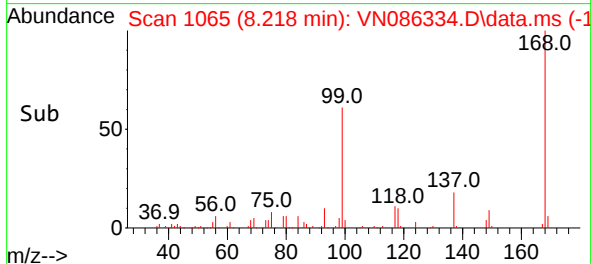
Instrument :
MSVOA_N
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VN0418WBS01



Tgt Ion:168 Resp: 184094
Ion Ratio Lower Upper
168 100
99 60.8 52.5 78.7

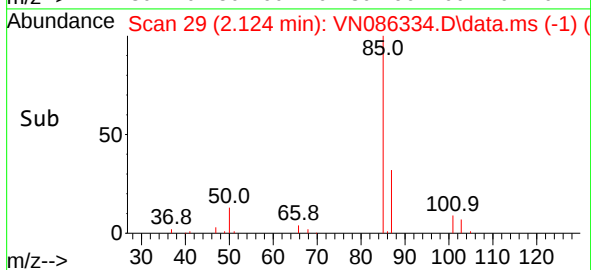
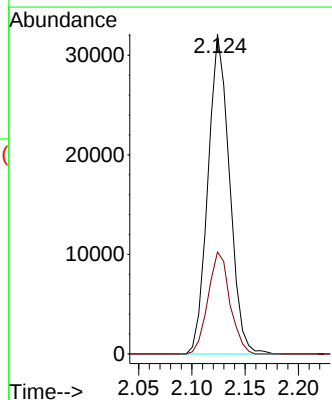
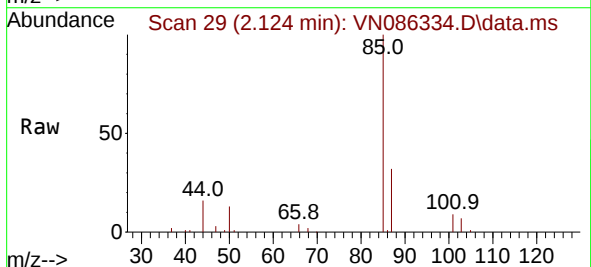
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#2
Dichlorodifluoromethane
Concen: 20.663 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

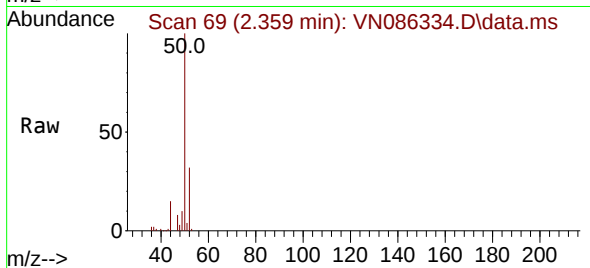
Tgt Ion: 85 Resp: 45094
Ion Ratio Lower Upper
85 100
87 31.9 16.3 48.8





#3
Chloromethane
Concen: 18.751 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

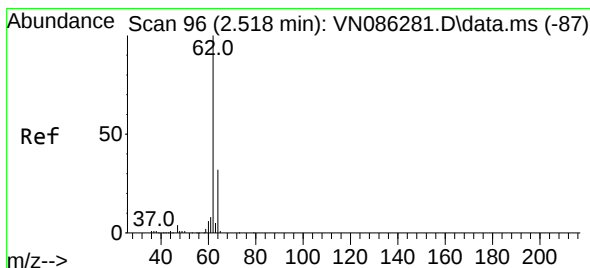
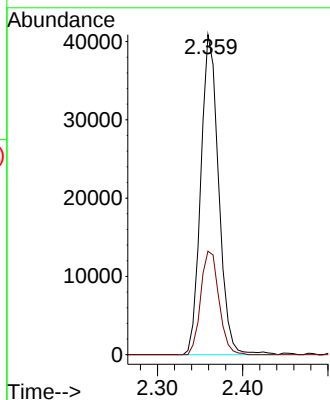
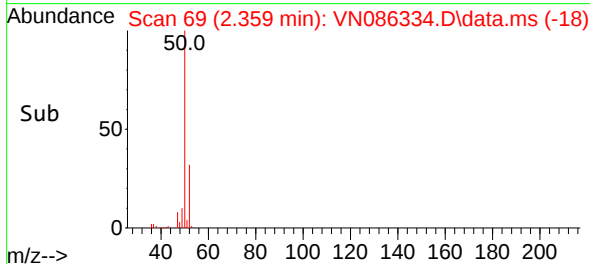
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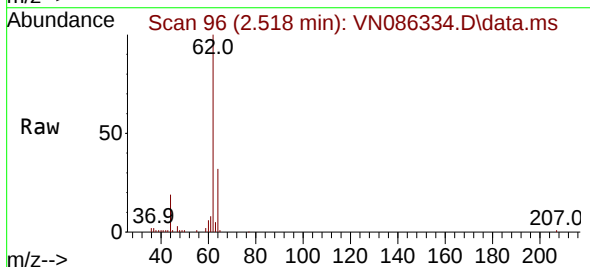
Tgt Ion: 50 Resp: 59470
Ion Ratio Lower Upper
50 100
52 32.4 26.5 39.7

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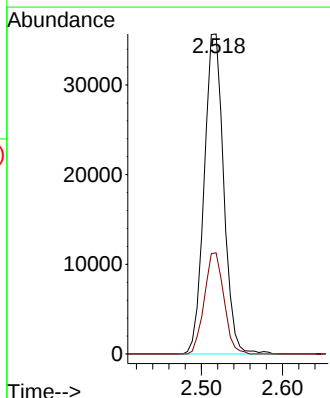
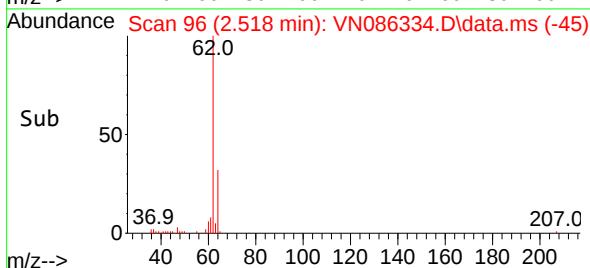
Reviewed By :John Carlone 04/21/2025
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#4
Vinyl Chloride
Concen: 19.664 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09



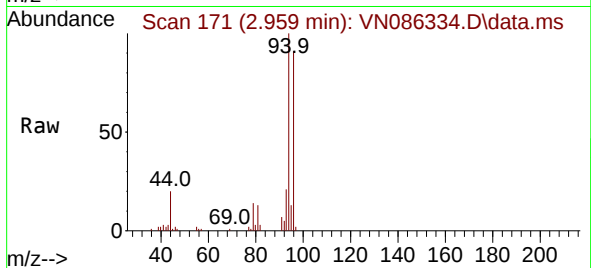
Tgt Ion: 62 Resp: 59514
Ion Ratio Lower Upper
62 100
64 31.6 25.6 38.4





#5
Bromomethane
Concen: 22.797 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

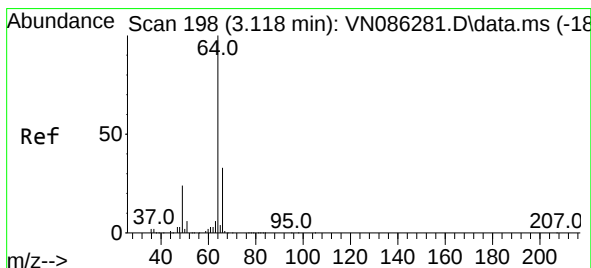
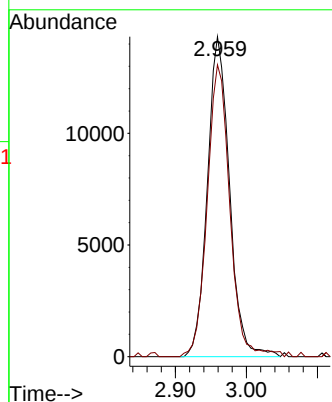
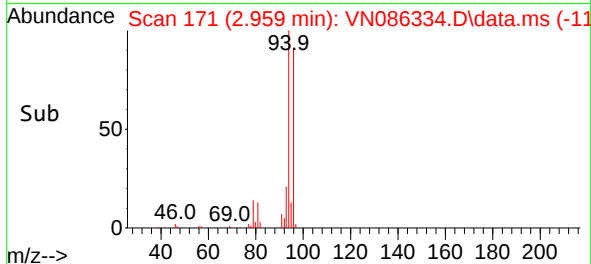
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Tgt Ion: 94 Resp: 3103
Ion Ratio Lower Upper
94 100
96 91.2 75.2 112.8

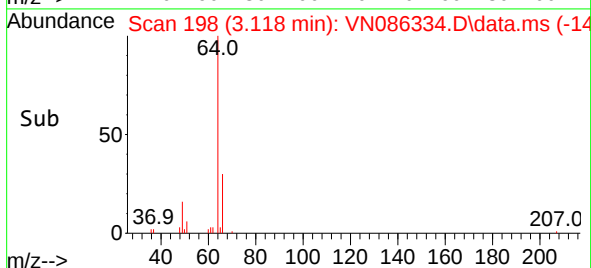
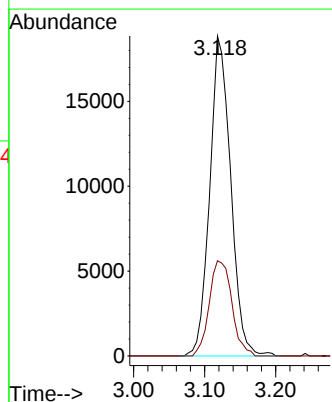
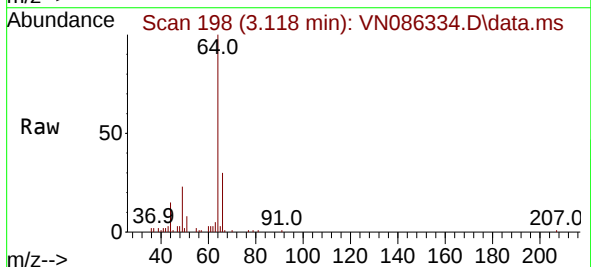
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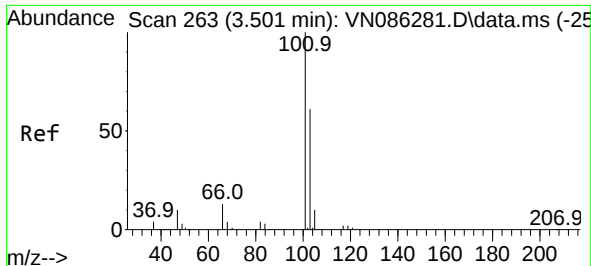
Reviewed By :John Carlone 04/21/2025
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#6
Chloroethane
Concen: 19.056 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

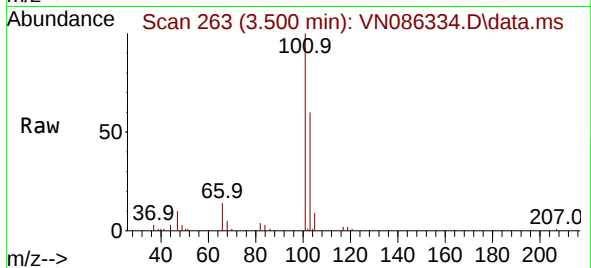
Tgt Ion: 64 Resp: 38601
Ion Ratio Lower Upper
64 100
66 29.7 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 21.144 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN086334.D
 Acq: 18 Apr 2025 11:09

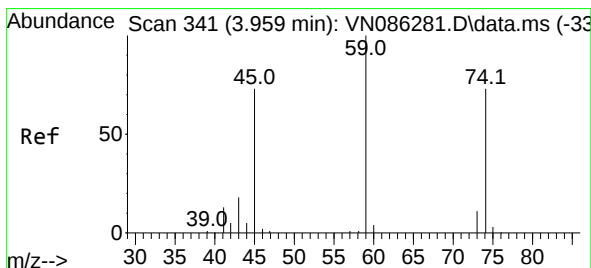
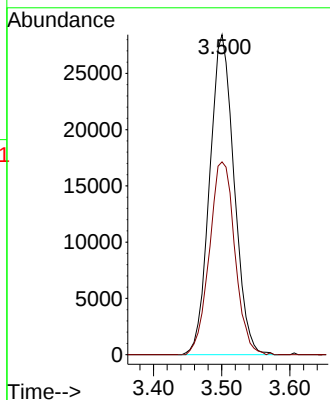
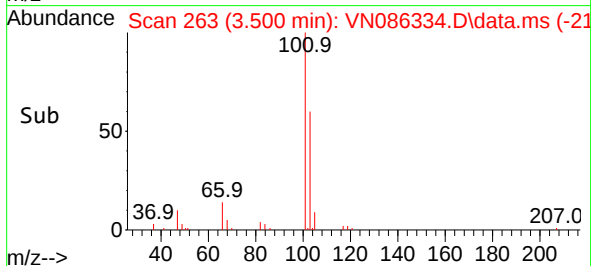
Instrument :
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Tgt Ion:101 Resp: 70880
 Ion Ratio Lower Upper
 101 100
 103 60.3 49.2 73.8

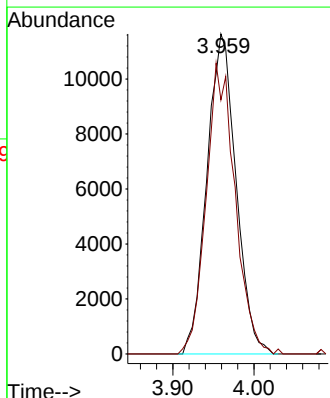
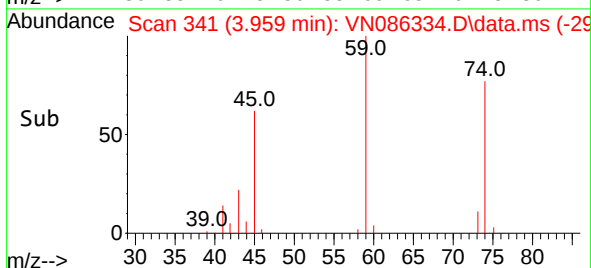
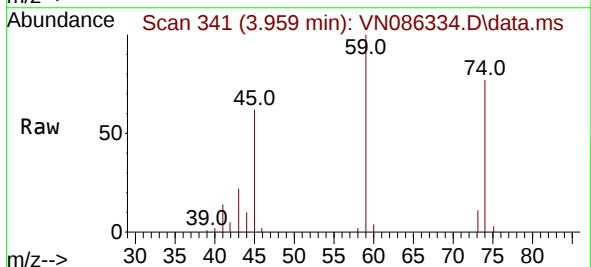
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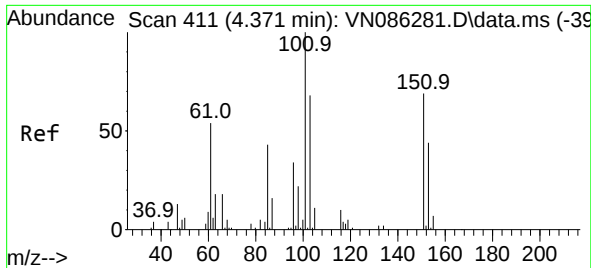
Reviewed By :John Carlone 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025



#8
 Diethyl Ether
 Concen: 19.864 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086334.D
 Acq: 18 Apr 2025 11:09

Tgt Ion: 74 Resp: 29072
 Ion Ratio Lower Upper
 74 100
 45 90.1 48.0 144.2





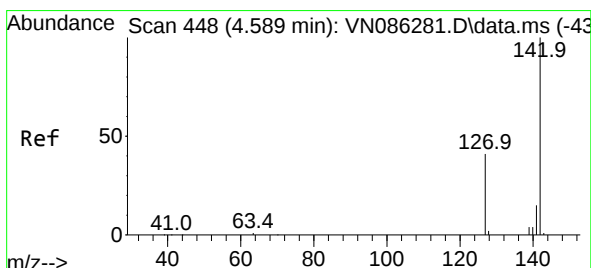
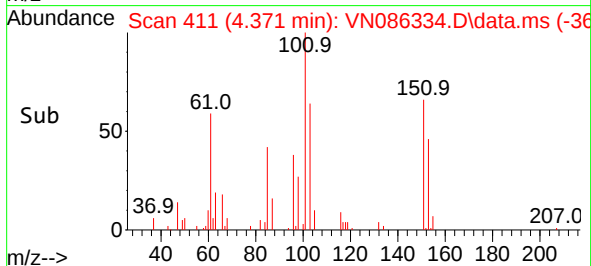
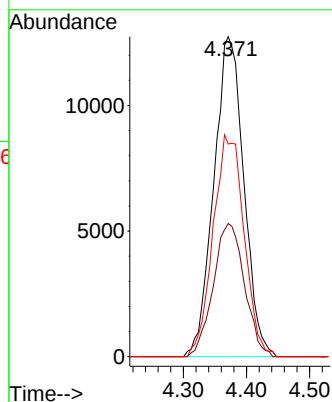
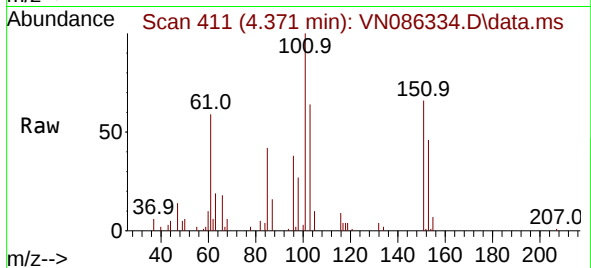
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.750 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01

Tgt Ion:101 Resp: 4208
Ion Ratio Lower Upper
101 100
85 43.3 34.7 52.1
151 71.4 56.1 84.1

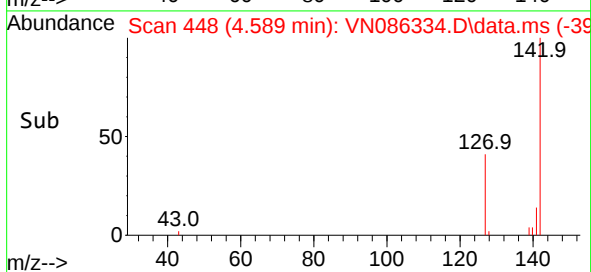
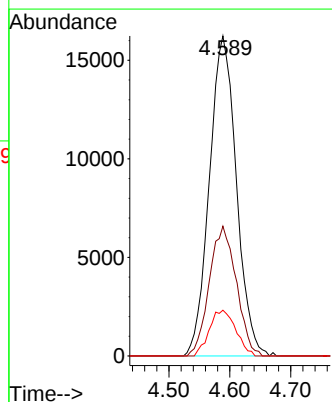
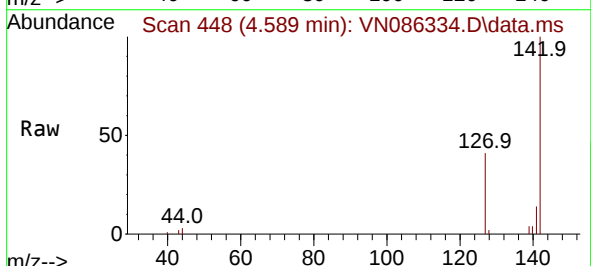
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 22.437 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

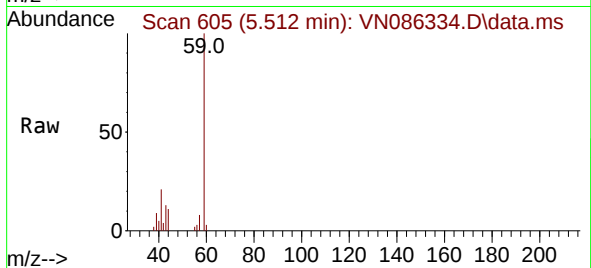
Tgt Ion:142 Resp: 50028
Ion Ratio Lower Upper
142 100
127 40.6 32.7 49.1
141 14.3 11.7 17.5





#11
Tert butyl alcohol
Concen: 95.178 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

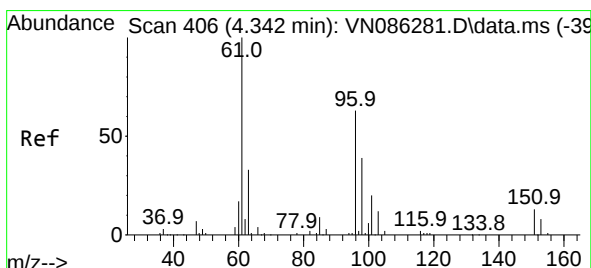
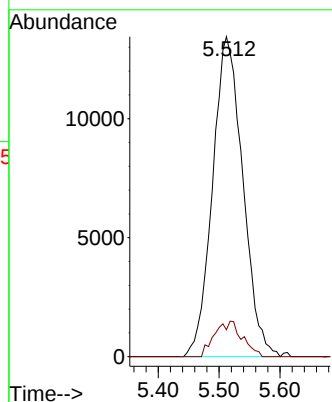
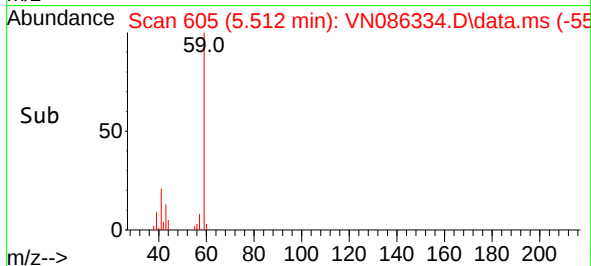
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01



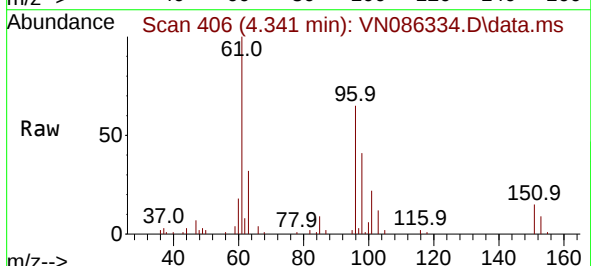
Tgt Ion: 59 Resp: 46359
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

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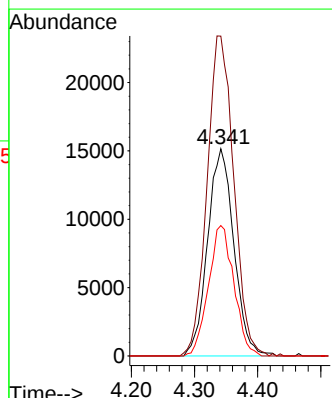
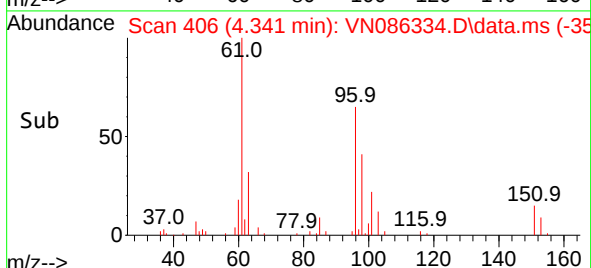
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#12
1,1-Dichloroethene
Concen: 20.250 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09



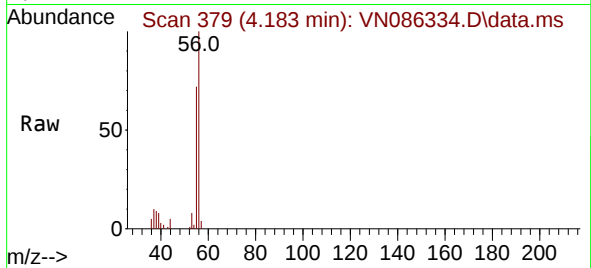
Tgt Ion: 96 Resp: 43876
Ion Ratio Lower Upper
96 100
61 154.4 126.6 189.8
98 62.9 49.6 74.4





#13
Acrolein
Concen: 155.359 ug/l
RT: 4.183 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

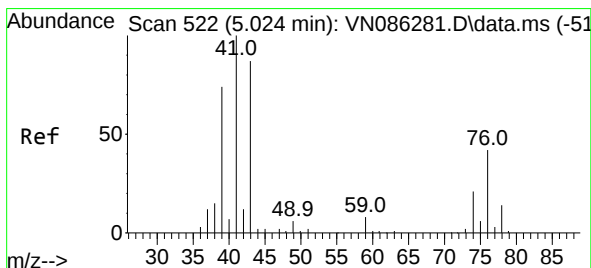
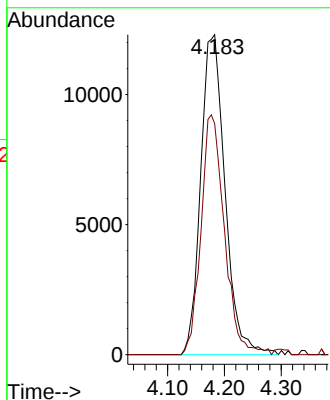
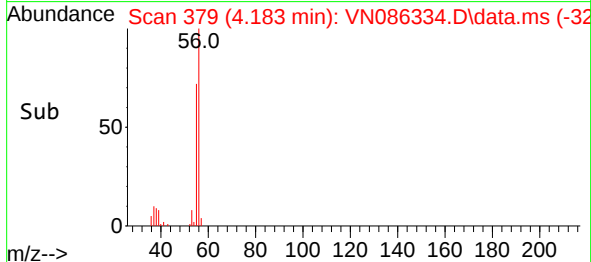
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01



Tgt Ion: 56 Resp: 3658
Ion Ratio Lower Upper
56 100
55 72.2 58.5 87.7

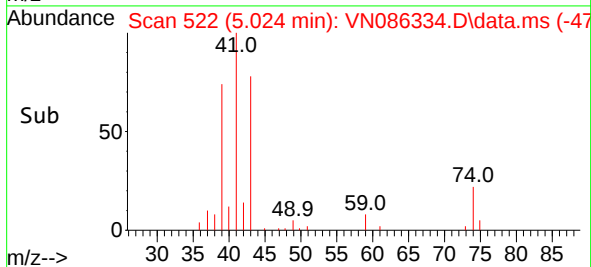
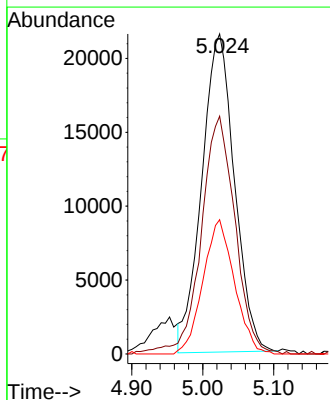
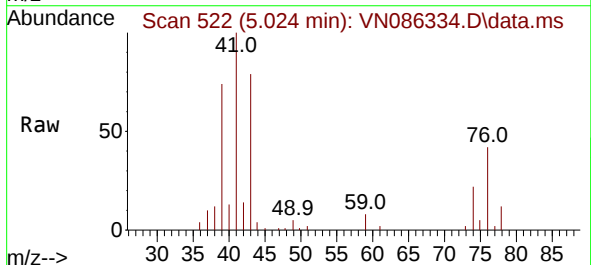
Manual Integrations
APPROVED

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



#14
Allyl chloride
Concen: 17.857 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

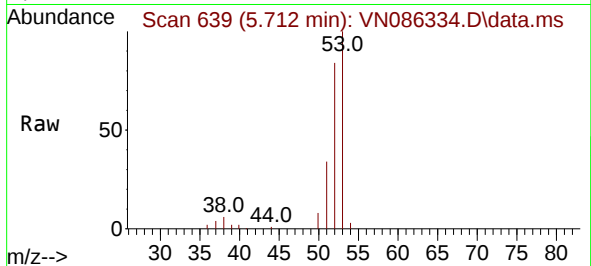
Tgt Ion: 41 Resp: 68784
Ion Ratio Lower Upper
41 100
39 77.5 59.2 88.8
76 40.6 31.2 46.8





#15
Acrylonitrile
Concen: 96.799 ug/l
RT: 5.712 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

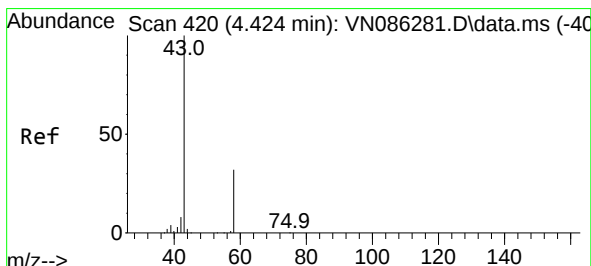
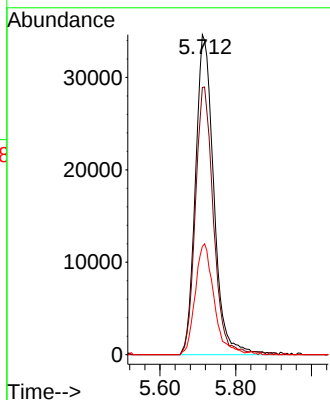
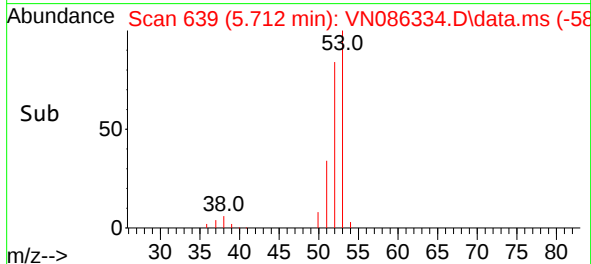
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01



Tgt Ion: 53 Resp: 116554
Ion Ratio Lower Upper
53 100
52 81.8 65.5 98.3
51 35.6 28.6 42.8

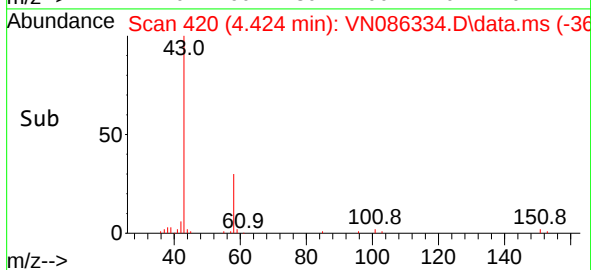
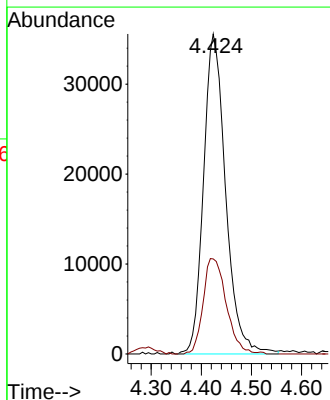
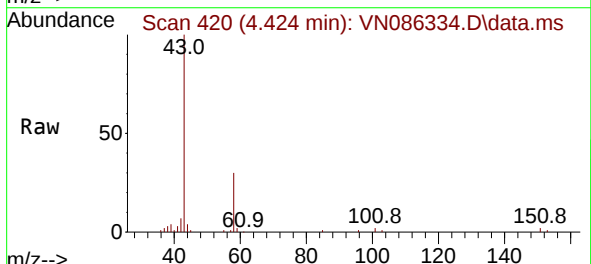
Manual Integrations
APPROVED

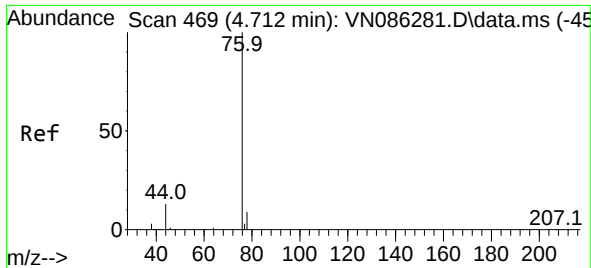
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#16
Acetone
Concen: 115.063 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

Tgt Ion: 43 Resp: 109043
Ion Ratio Lower Upper
43 100
58 29.7 25.3 37.9





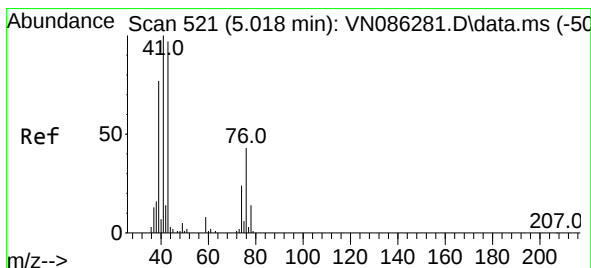
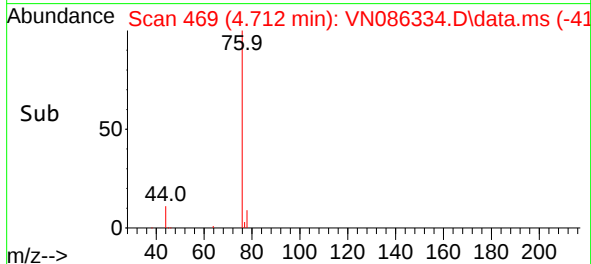
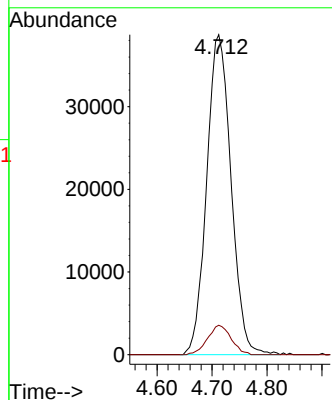
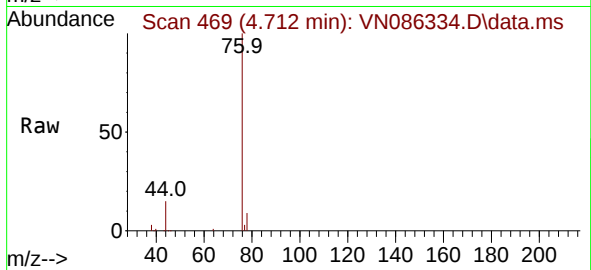
#17
Carbon Disulfide
Concen: 18.384 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01

Tgt Ion: 76 Resp: 119270
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4

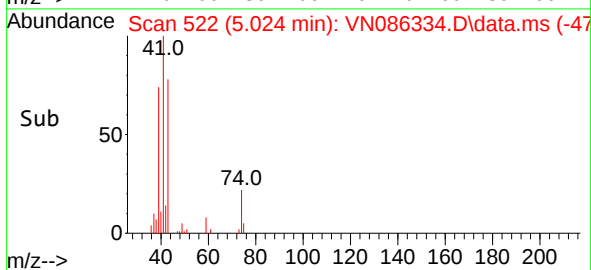
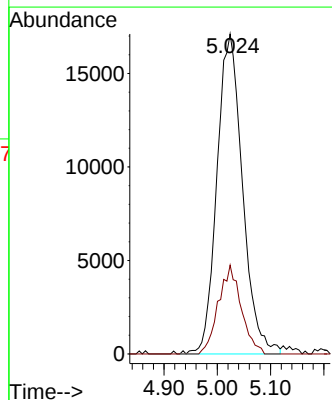
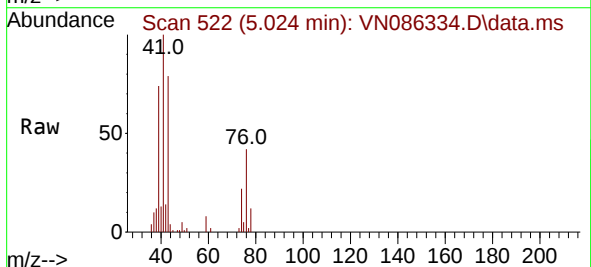
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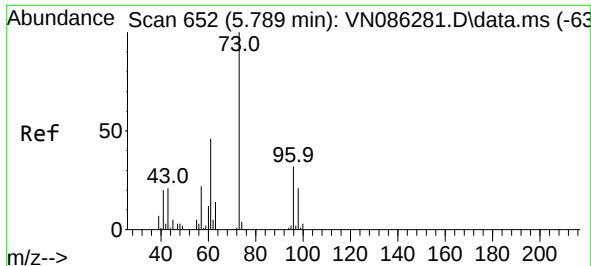
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#18
Methyl Acetate
Concen: 17.813 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

Tgt Ion: 43 Resp: 57082
Ion Ratio Lower Upper
43 100
74 24.6 19.8 29.6





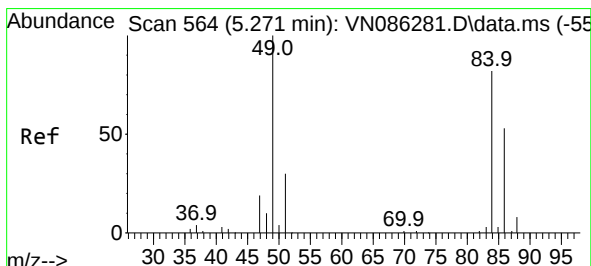
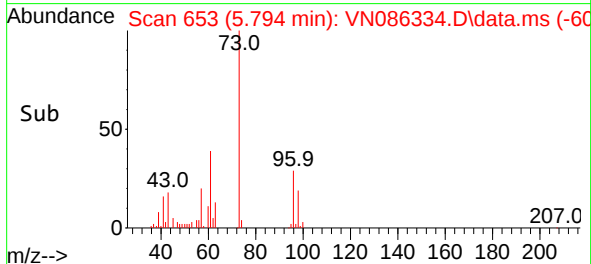
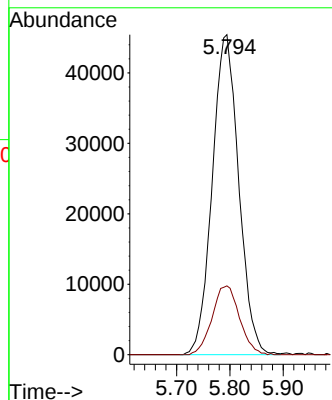
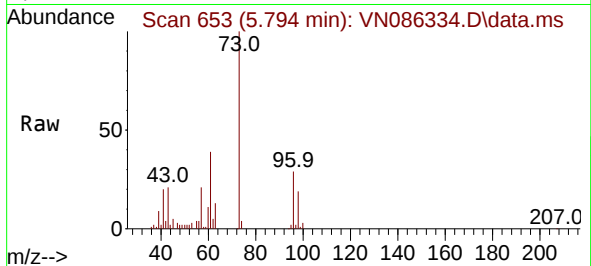
#19
Methyl tert-butyl Ether
Concen: 19.693 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01

Tgt Ion: 73 Resp: 15685
Ion Ratio Lower Upper
73 100
57 21.5 17.6 26.4

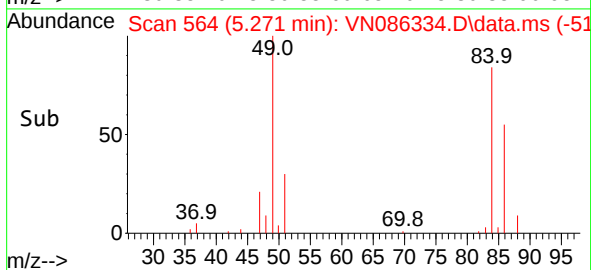
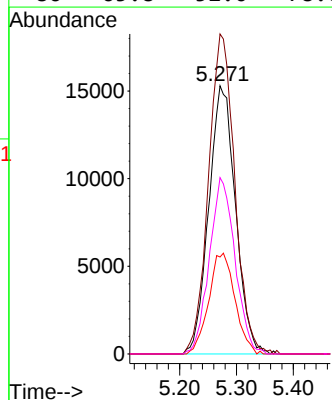
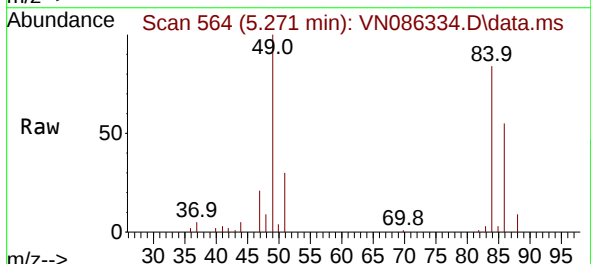
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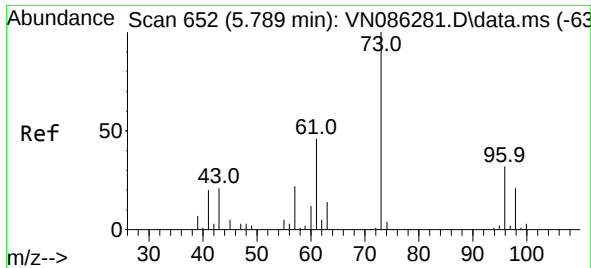
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#20
Methylene Chloride
Concen: 20.262 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

Tgt Ion: 84 Resp: 50005
Ion Ratio Lower Upper
84 100
49 119.3 98.2 147.2
51 36.1 29.8 44.6
86 65.8 52.0 78.0





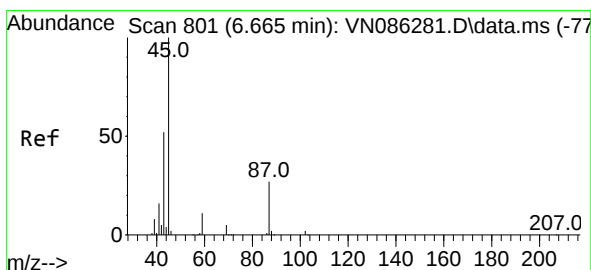
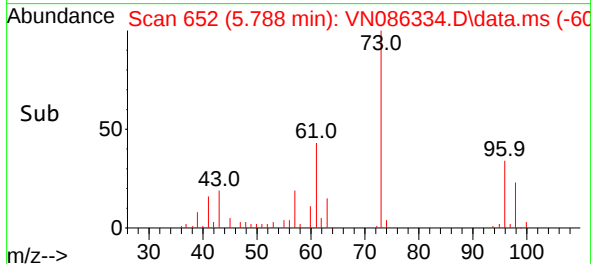
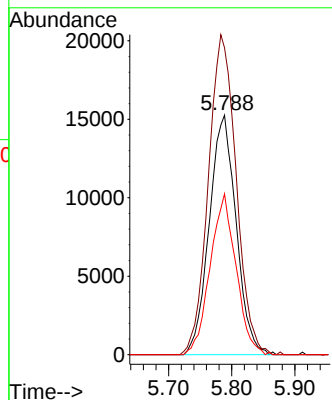
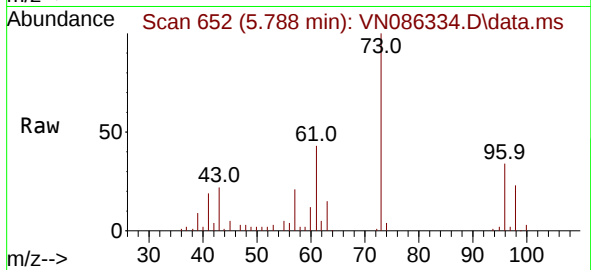
#21
trans-1,2-Dichloroethene
Concen: 19.960 ug/l
RT: 5.788 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01

Tgt Ion: 96 Resp: 45215
Ion Ratio Lower Upper
96 100
61 128.1 114.6 171.8
98 67.1 51.2 76.8

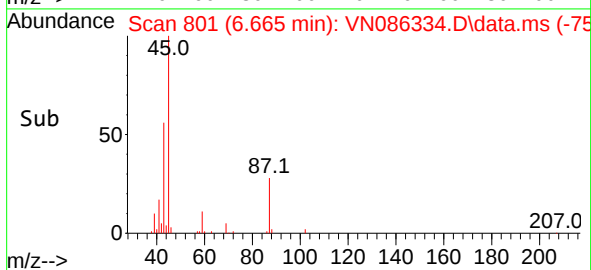
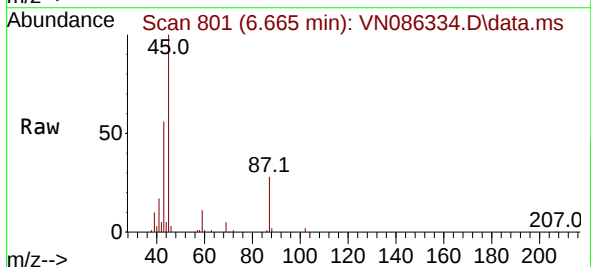
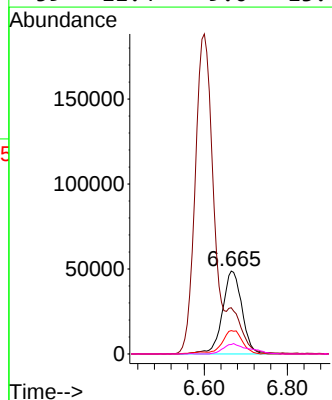
Manual Integrations
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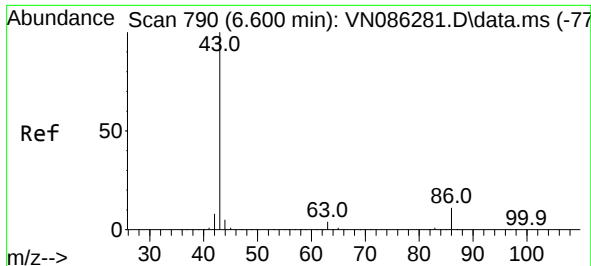
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#22
Diisopropyl ether
Concen: 18.942 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

Tgt Ion: 45 Resp: 158720
Ion Ratio Lower Upper
45 100
43 54.8 41.8 62.8
87 28.3 21.6 32.4
59 11.4 9.0 13.4





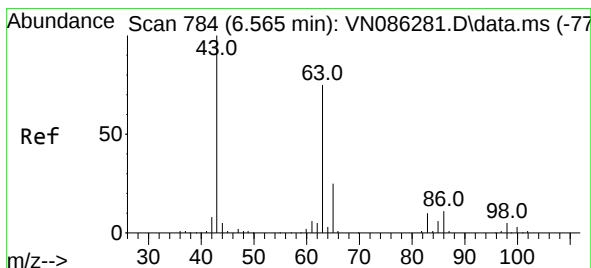
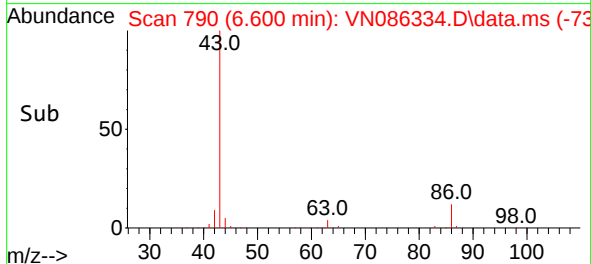
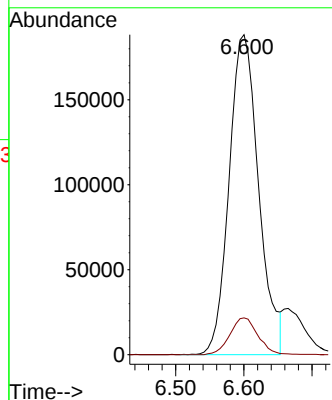
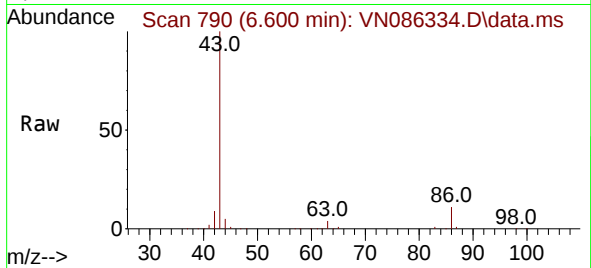
#23
 Vinyl Acetate
 Concen: 96.918 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086334.D
 Acq: 18 Apr 2025 11:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0418WBS01

Tgt Ion: 43 Resp: 567690
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.6 13.0

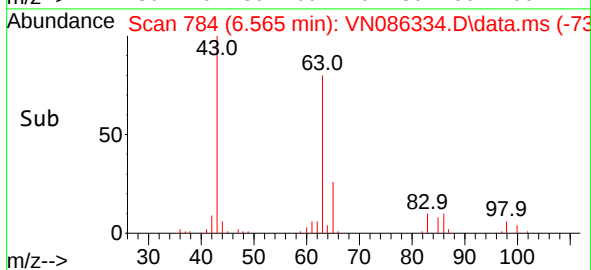
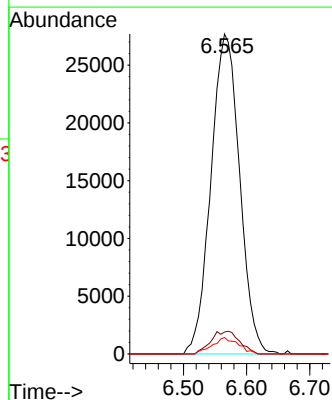
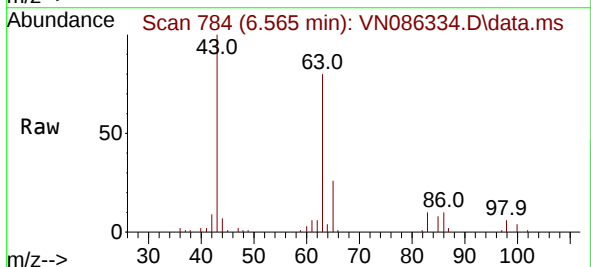
Manual Integrations
 APPROVED

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



#24
 1,1-Dichloroethane
 Concen: 19.775 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086334.D
 Acq: 18 Apr 2025 11:09

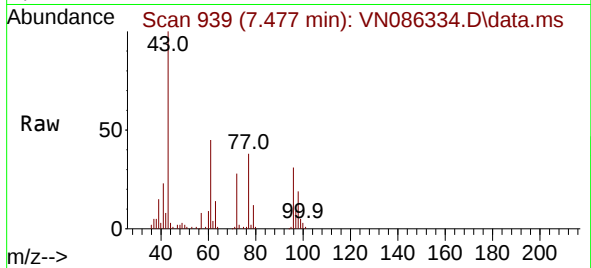
Tgt Ion: 63 Resp: 87429
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.2
 100 5.2 2.1 6.5





#25
2-Butanone
Concen: 98.643 ug/l
RT: 7.477 min Scan# 910
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

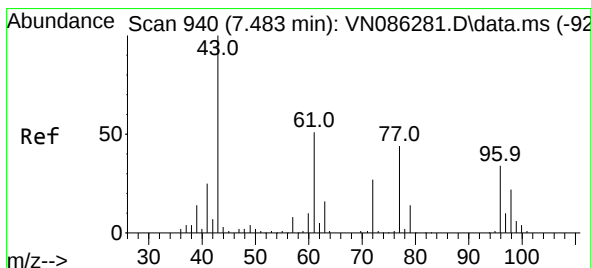
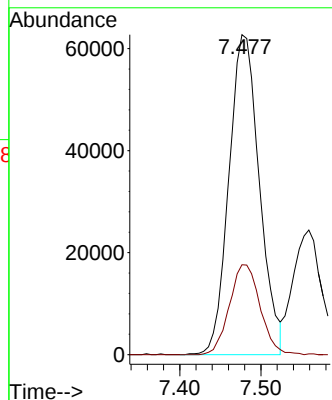
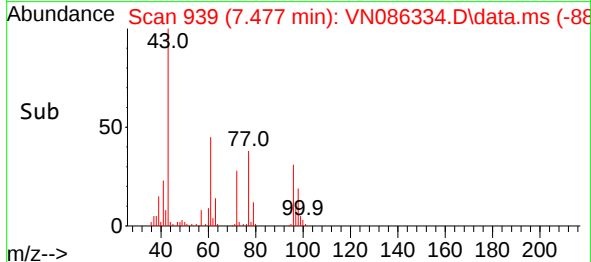
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01



Tgt Ion: 43 Resp: 163910
Ion Ratio Lower Upper
43 100
72 28.1 21.7 32.5

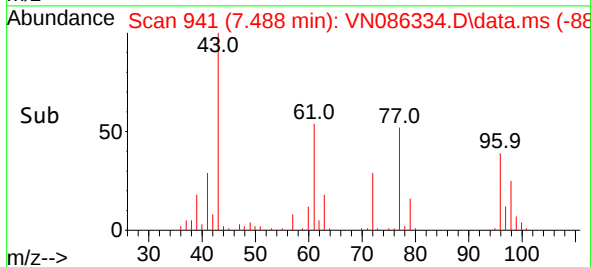
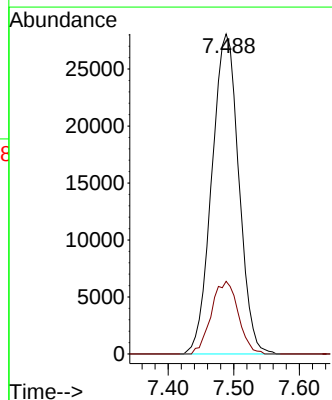
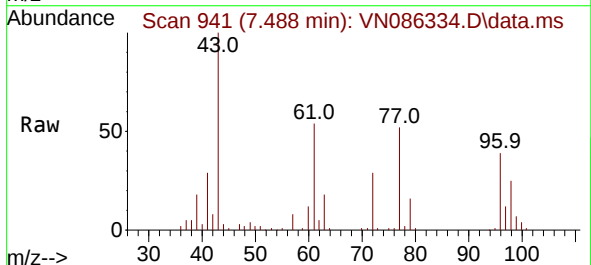
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 20.263 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

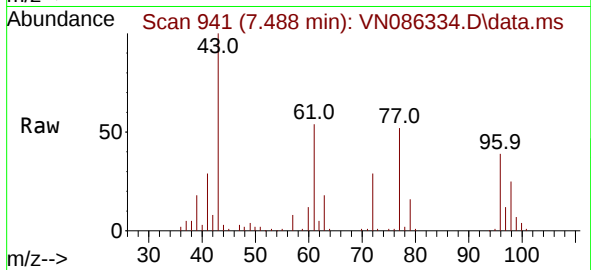
Tgt Ion: 77 Resp: 80209
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 19.955 ug/l
 RT: 7.488 min Scan# 940
 Delta R.T. 0.006 min
 Lab File: VN086334.D
 Acq: 18 Apr 2025 11:09

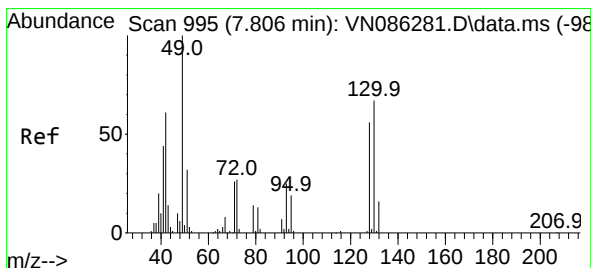
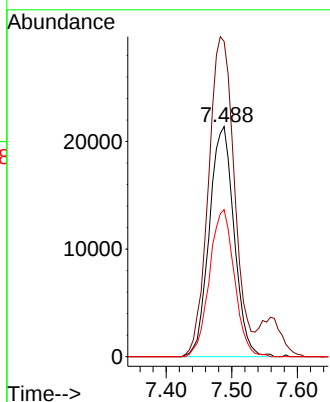
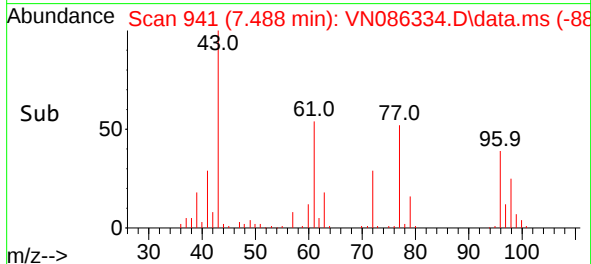
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0418WBS01



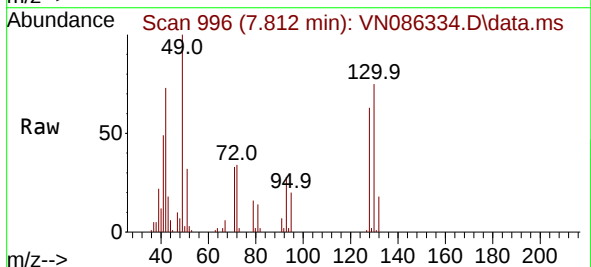
Tgt Ion: 96 Resp: 5610
 Ion Ratio Lower Upper
 96 100
 61 146.2 0.0 299.0
 98 64.3 0.0 129.6

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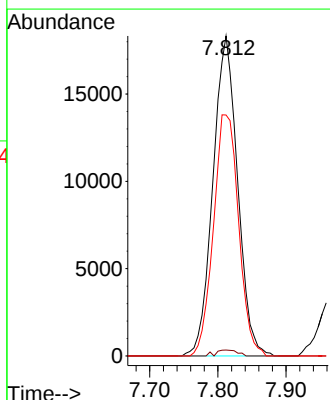
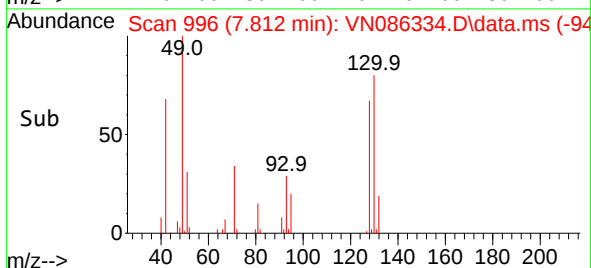
Reviewed By :John Carlone 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025

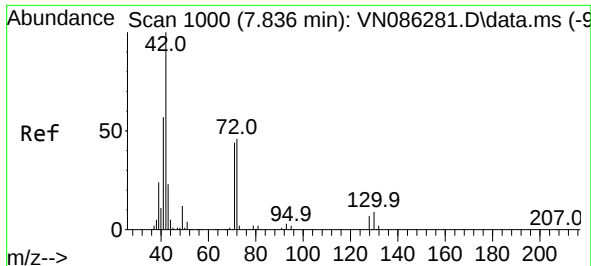


#28
 Bromochloromethane
 Concen: 24.619 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086334.D
 Acq: 18 Apr 2025 11:09



Tgt Ion: 49 Resp: 46150
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.4
 130 77.0 57.1 85.7





#29

Tetrahydrofuran

Concen: 89.657 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086334.D

Acq: 18 Apr 2025 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0418WBS01

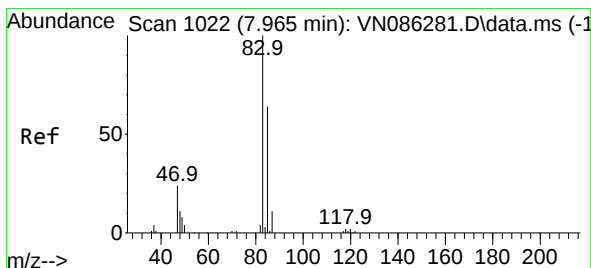
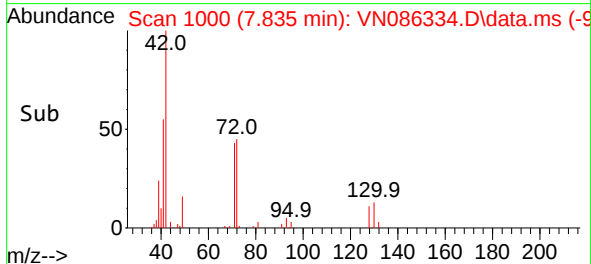
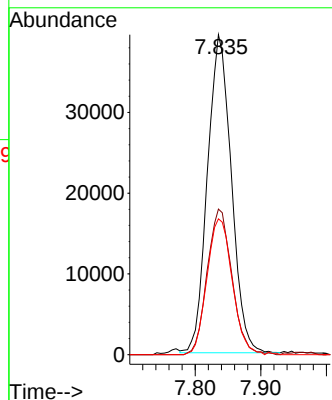
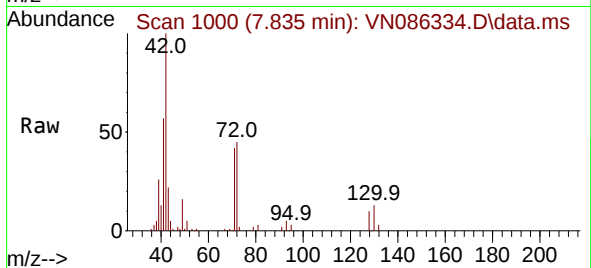
Tgt Ion:	42	Resp:	9962
Ion Ratio	Lower	Upper	
42	100		
72	47.3	36.2	54.4
71	45.2	34.0	51.0

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#30

Chloroform

Concen: 20.217 ug/l

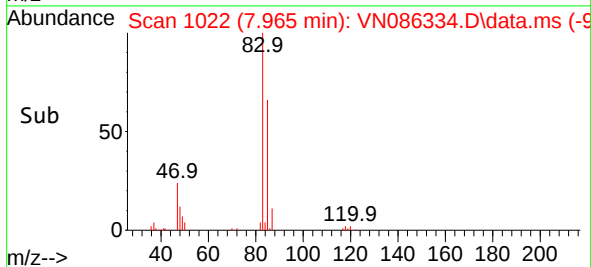
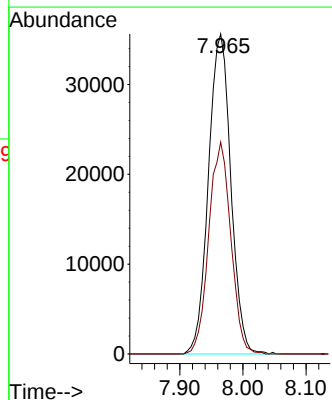
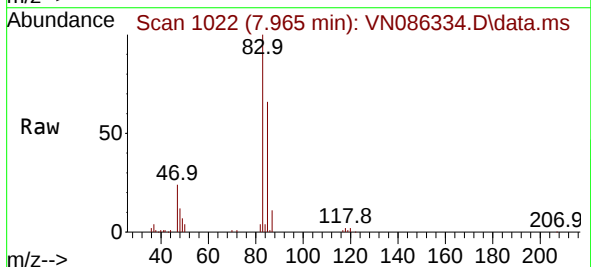
RT: 7.965 min Scan# 1022

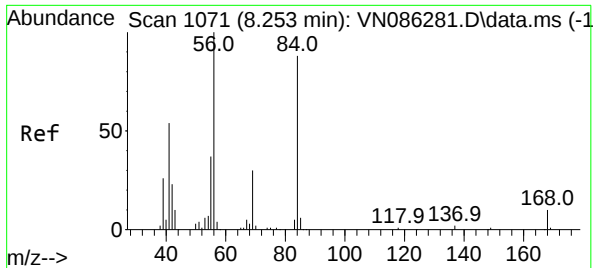
Delta R.T. -0.000 min

Lab File: VN086334.D

Acq: 18 Apr 2025 11:09

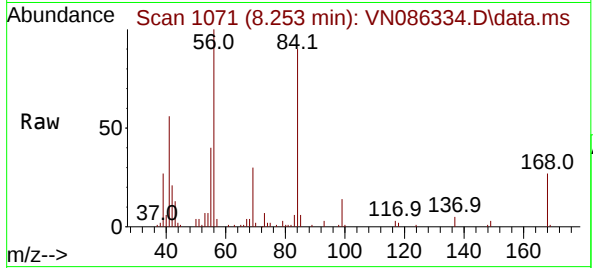
Tgt Ion:	83	Resp:	87804
Ion Ratio	Lower	Upper	
83	100		
85	66.2	51.5	77.3





#31
Cyclohexane
Concen: 18.861 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

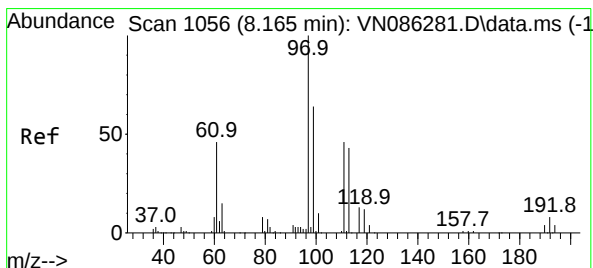
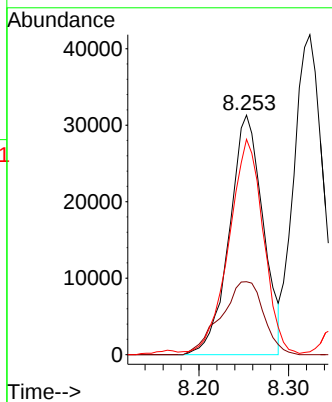
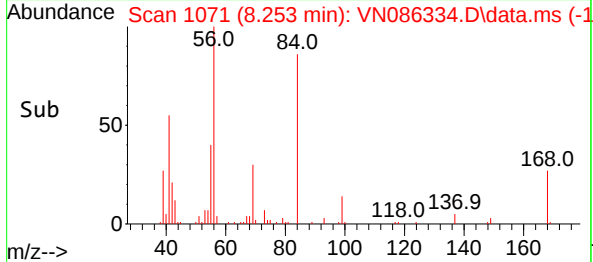
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01



Tgt Ion: 56 Resp: 8159
Ion Ratio Lower Upper
56 100
69 30.5 24.2 36.2
84 88.8 70.3 105.5

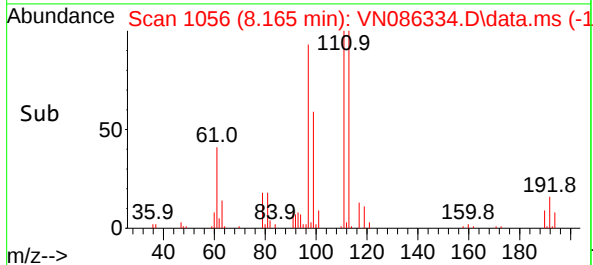
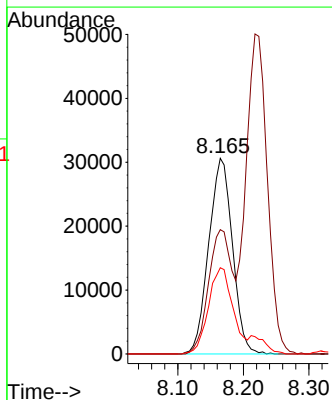
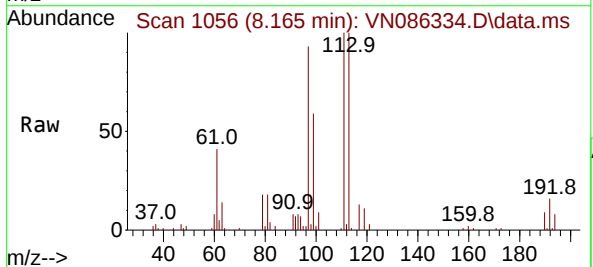
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#32
1,1,1-Trichloroethane
Concen: 20.730 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

Tgt Ion: 97 Resp: 77018
Ion Ratio Lower Upper
97 100
99 63.2 52.7 79.1
61 45.6 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 47.687 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086334.D

Acq: 18 Apr 2025 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0418WBS01

Tgt Ion: 65 Resp: 12730

Ion Ratio Lower Upper

65 100

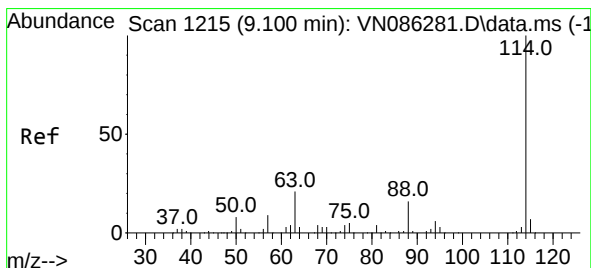
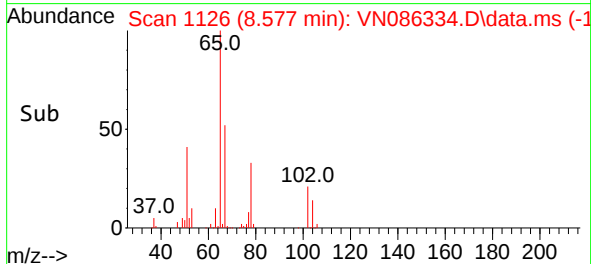
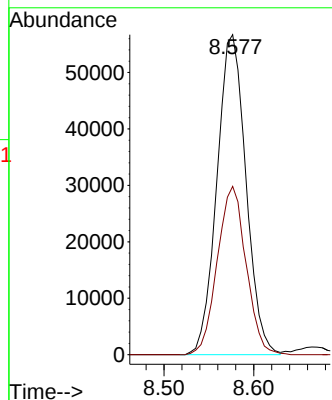
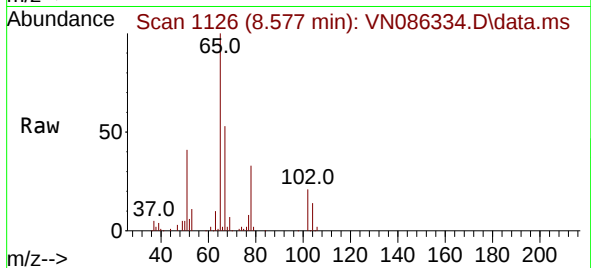
67 52.1 0.0 106.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086334.D

Acq: 18 Apr 2025 11:09

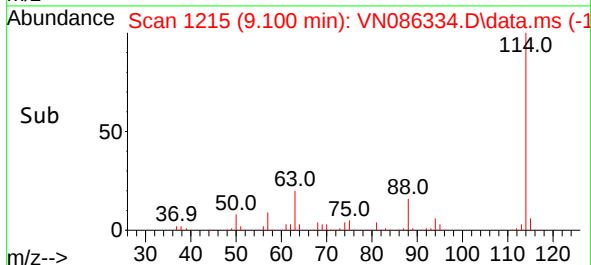
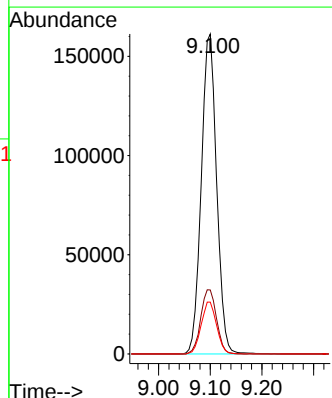
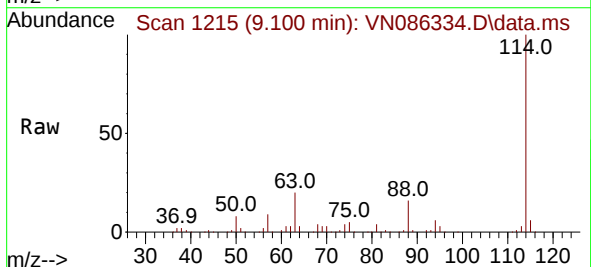
Tgt Ion:114 Resp: 332119

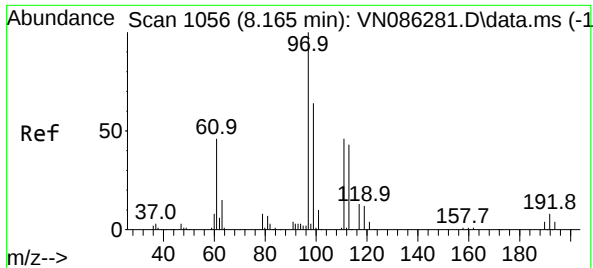
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

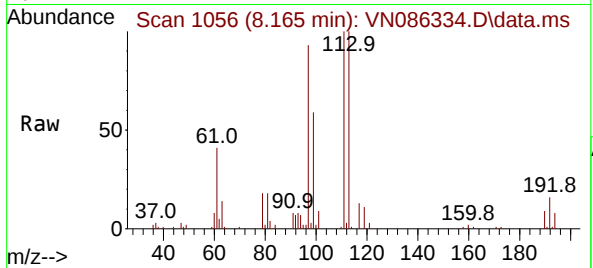
88 16.2 0.0 31.8





#35
Dibromofluoromethane
Concen: 49.646 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

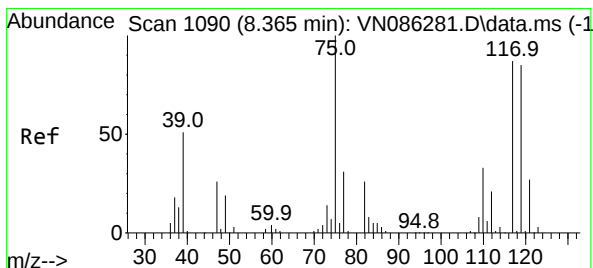
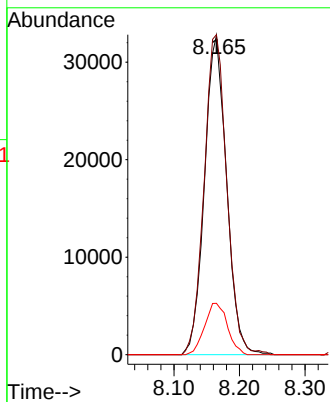
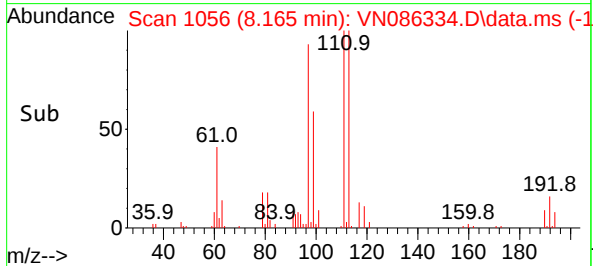
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01



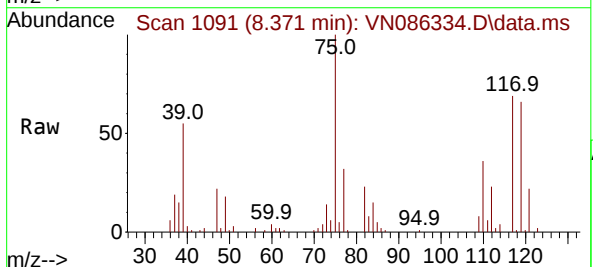
Tgt Ion: 113 Resp: 7652
Ion Ratio Lower Upper
113 100
111 103.0 83.4 125.0
192 16.7 13.7 20.5

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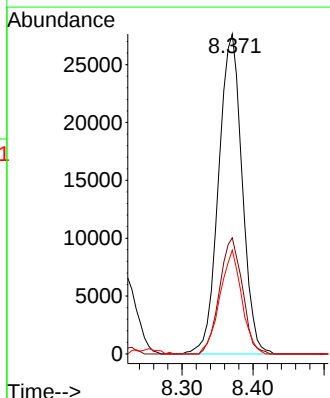
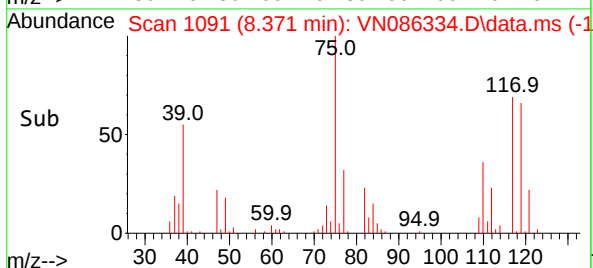
Reviewed By :John Carlone 04/21/2025
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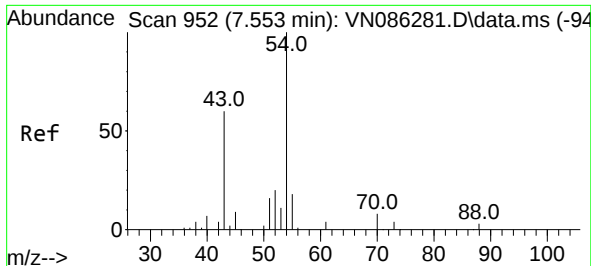


#36
1,1-Dichloropropene
Concen: 20.591 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09



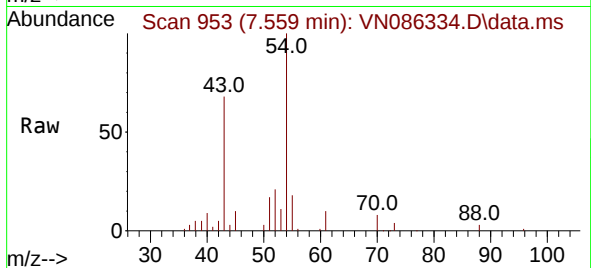
Tgt Ion: 75 Resp: 63394
Ion Ratio Lower Upper
75 100
110 35.3 16.8 50.4
77 30.3 24.9 37.3





#37
Ethyl Acetate
Concen: 18.921 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

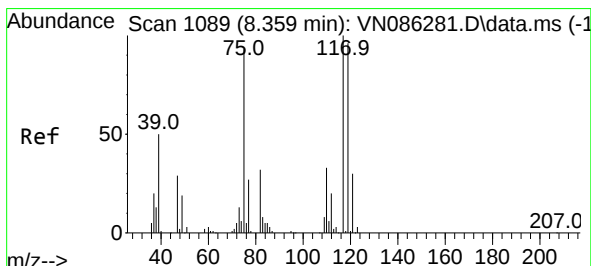
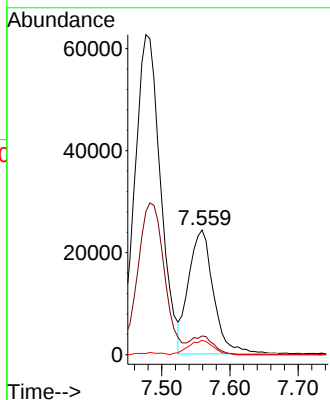
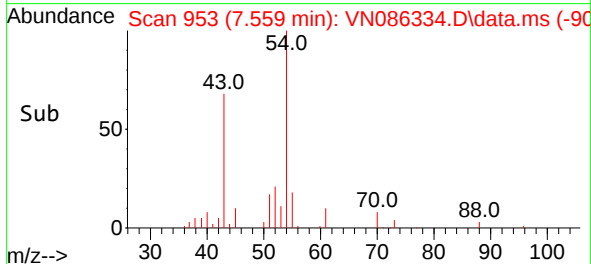
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01



Tgt Ion: 43 Resp: 61328
Ion Ratio Lower Upper
43 100
61 13.6 11.1 16.7
70 11.5 9.2 13.8

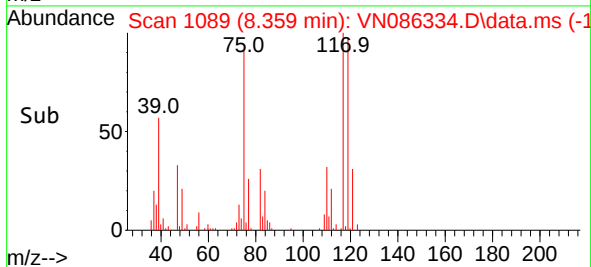
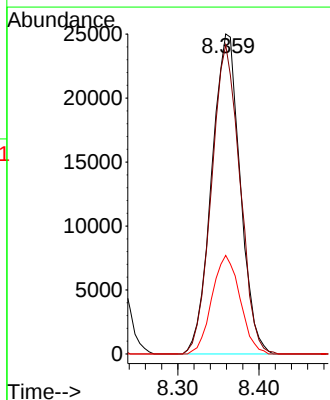
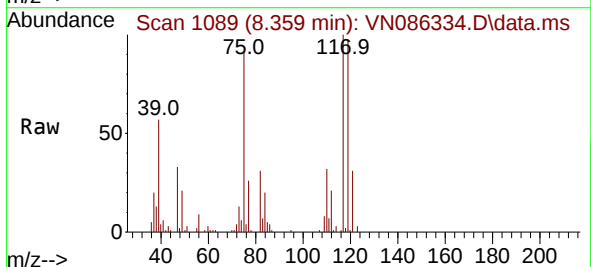
Manual Integrations
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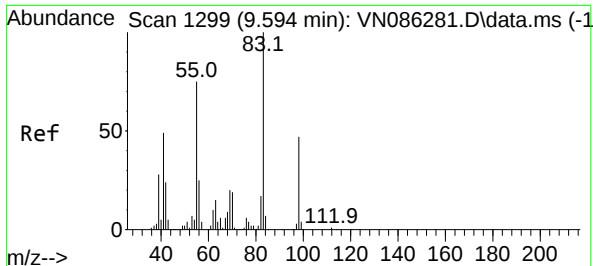
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#38
Carbon Tetrachloride
Concen: 20.804 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

Tgt Ion:117 Resp: 60997
Ion Ratio Lower Upper
117 100
119 96.6 76.8 115.2
121 30.8 23.8 35.8





#39

Methylcyclohexane

Concen: 20.880 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.000 min

Lab File: VN086334.D

Acq: 18 Apr 2025 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0418WBS01

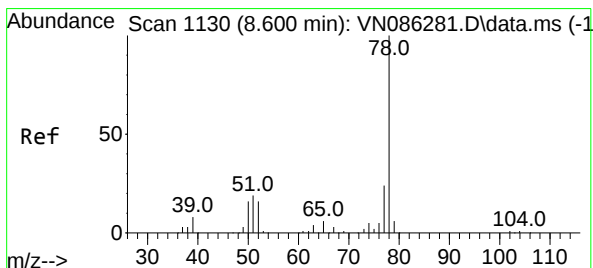
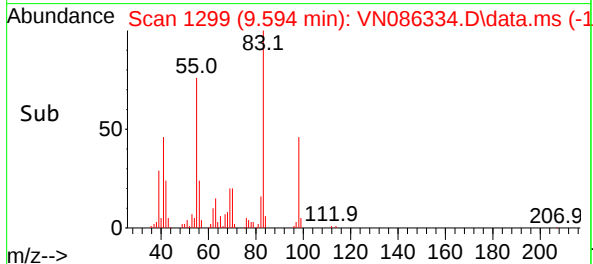
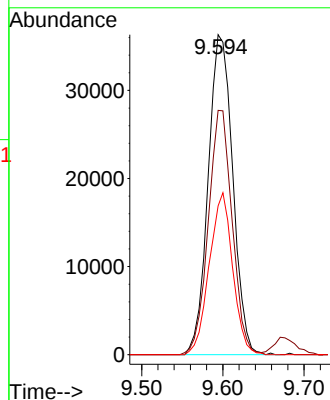
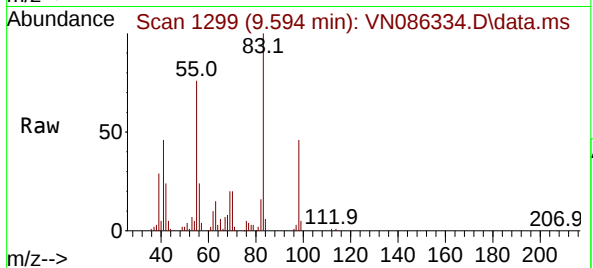
Tgt Ion:	83	Resp:	76400
Ion Ratio	Lower	Upper	
83	100		
55	76.3	59.8	89.8
98	46.5	37.9	56.9

Manual Integrations

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Supervised By :Mahesh Dadoda 04/21/2025



#40

Benzene

Concen: 20.587 ug/l

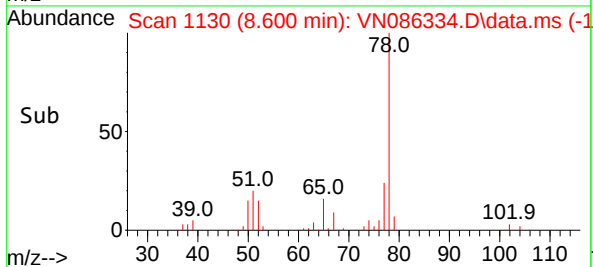
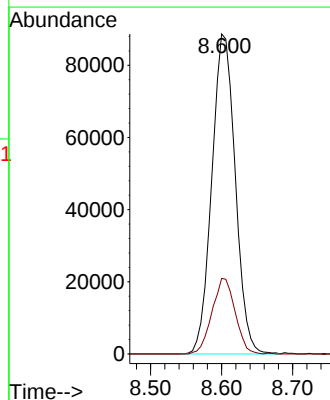
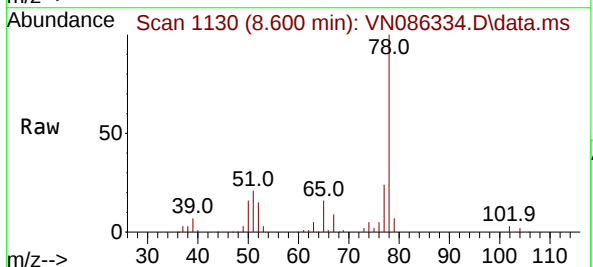
RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086334.D

Acq: 18 Apr 2025 11:09

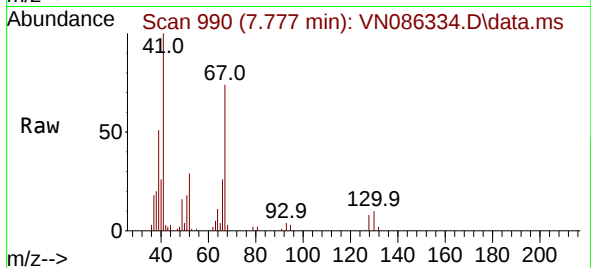
Tgt Ion:	78	Resp:	203069
Ion Ratio	Lower	Upper	
78	100		
77	23.6	19.4	29.2





#41
Methacrylonitrile
Concen: 18.589 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.006 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

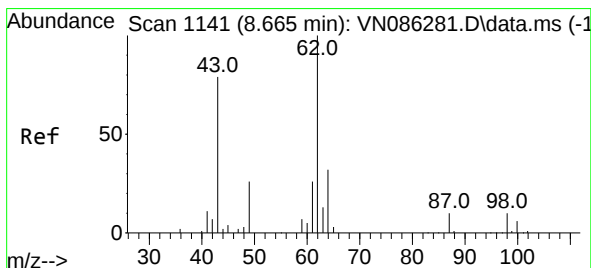
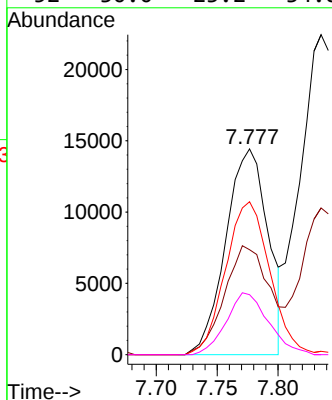
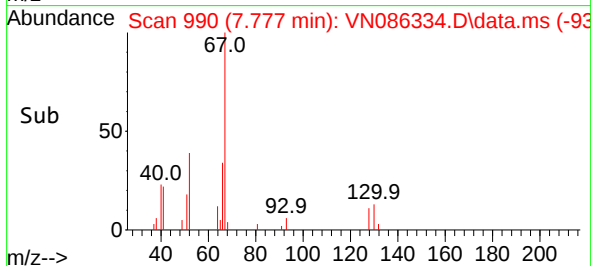
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01



Tgt Ion: 41 Resp: 3492
Ion Ratio Lower Upper
41 100
39 58.3 43.0 64.4
67 77.9 58.8 88.2
52 30.0 23.2 34.8

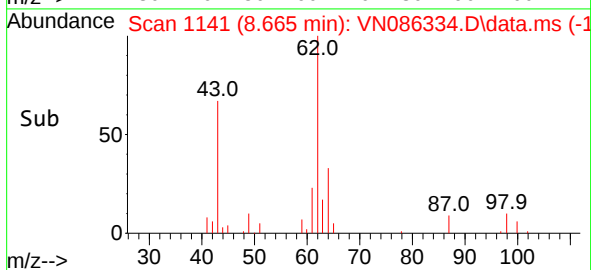
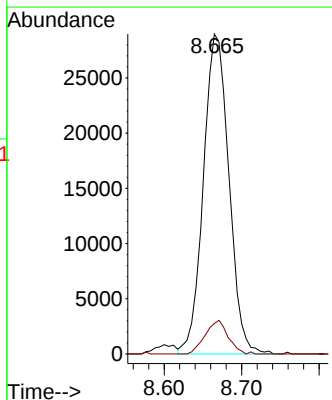
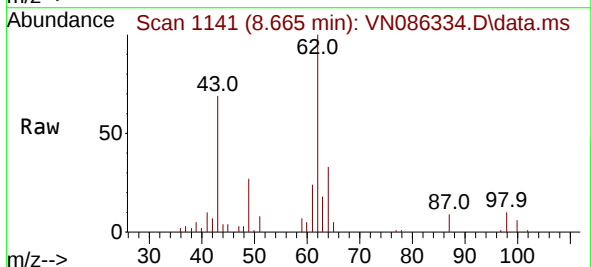
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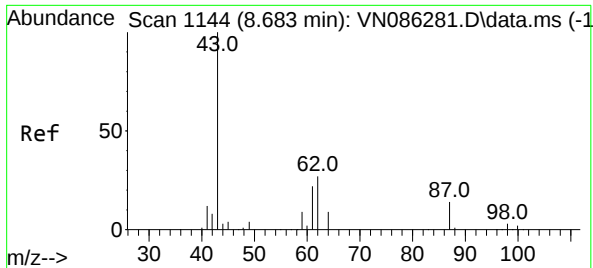
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#42
1,2-Dichloroethane
Concen: 21.093 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

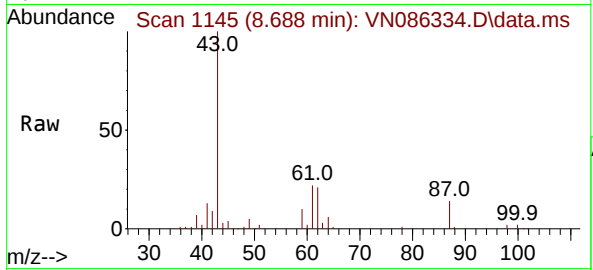
Tgt Ion: 62 Resp: 66351
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.2





#43
Isopropyl Acetate
Concen: 19.204 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

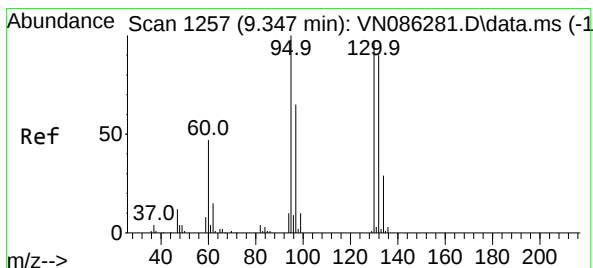
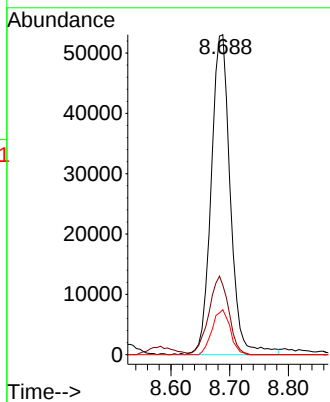
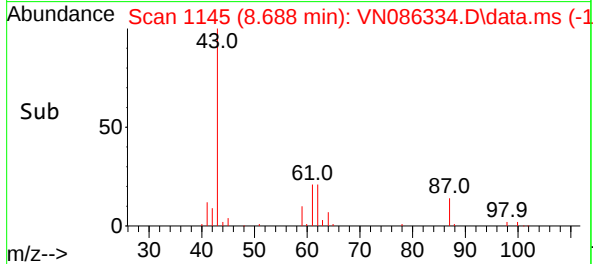
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01



Tgt Ion: 43 Resp: 11992
Ion Ratio Lower Upper
43 100
61 25.4 20.5 30.7
87 13.2 10.5 15.7

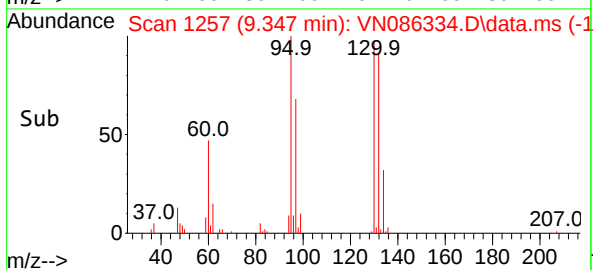
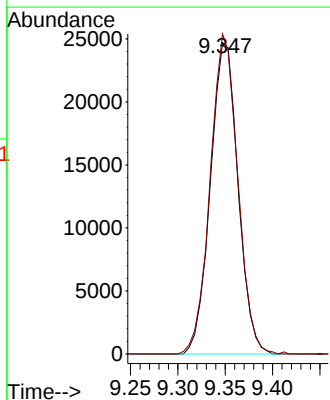
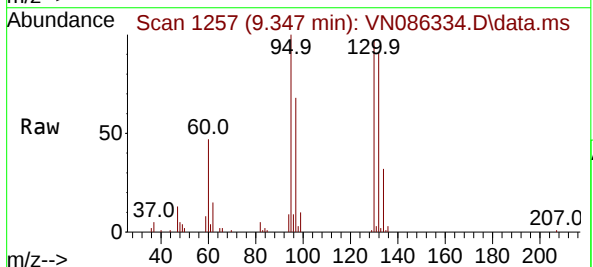
Manual Integrations
APPROVED

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



#44
Trichloroethene
Concen: 21.428 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

Tgt Ion:130 Resp: 50097
Ion Ratio Lower Upper
130 100
95 102.8 0.0 207.2





#45

1,2-Dichloropropane

Concen: 20.569 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086334.D

Acq: 18 Apr 2025 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0418WBS01

Tgt Ion: 63 Resp: 4966

Ion Ratio Lower Upper

63 100

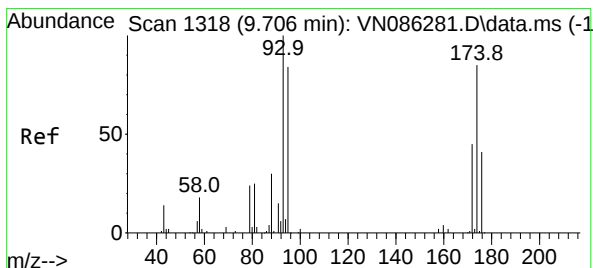
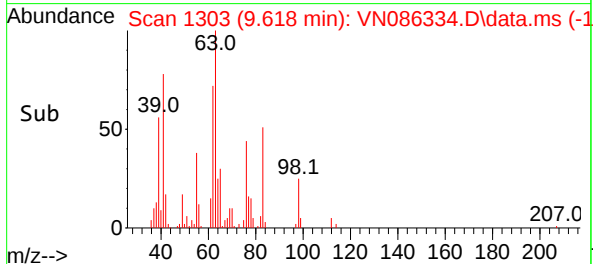
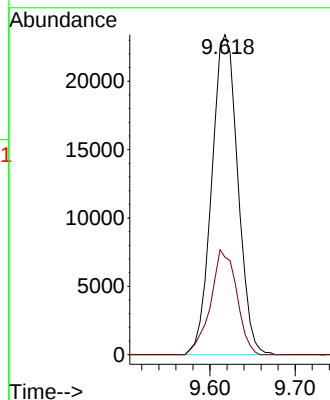
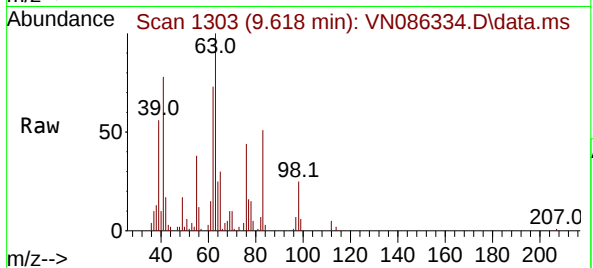
65 30.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#46

Dibromomethane

Concen: 21.491 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086334.D

Acq: 18 Apr 2025 11:09

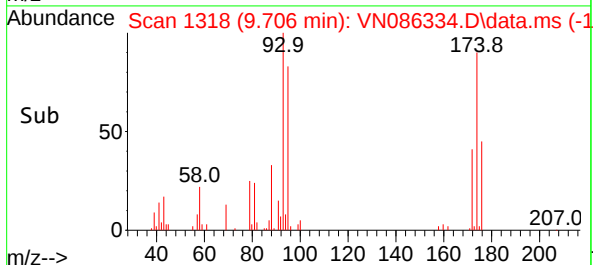
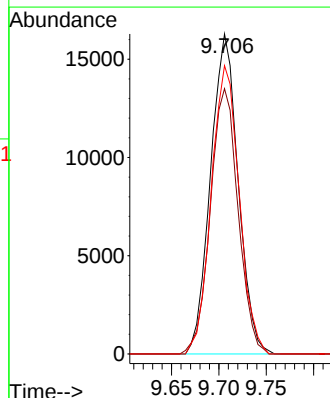
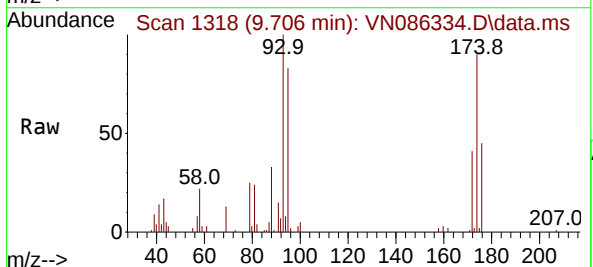
Tgt Ion: 93 Resp: 33062

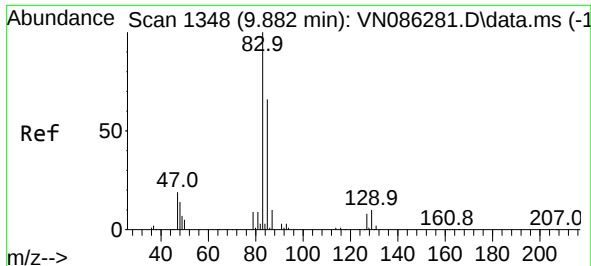
Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.4

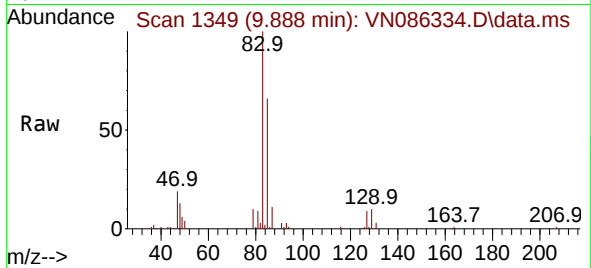
174 90.9 67.8 101.6





#47
Bromodichloromethane
Concen: 21.009 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

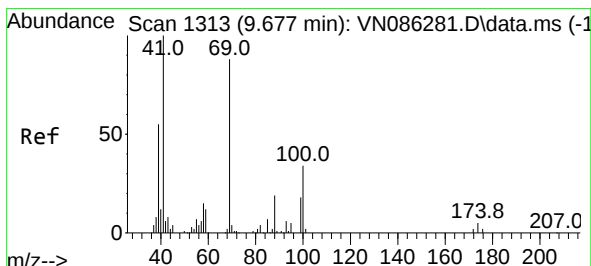
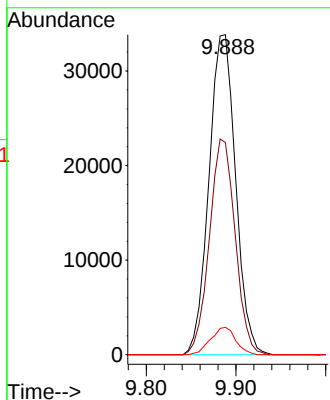
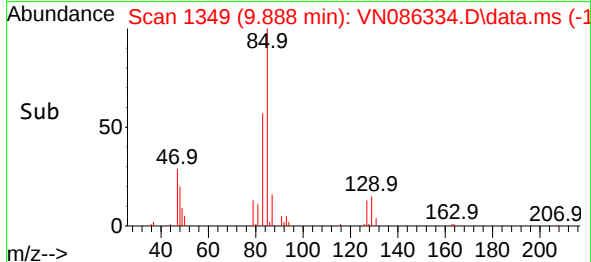
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01



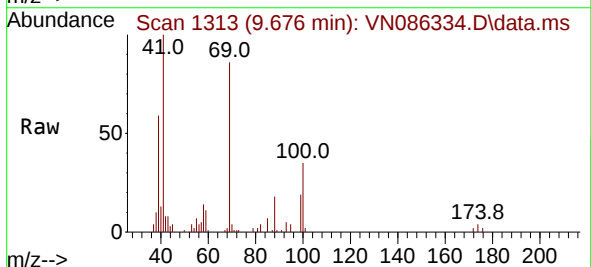
Tgt Ion: 83 Resp: 69800
Ion Ratio Lower Upper
83 100
85 66.3 52.6 78.8
127 8.6 6.1 9.1

Manual Integrations
APPROVED

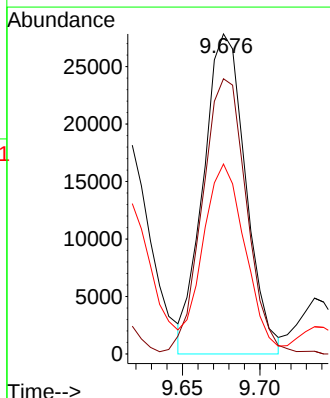
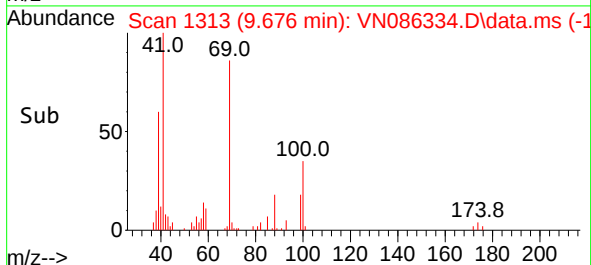
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

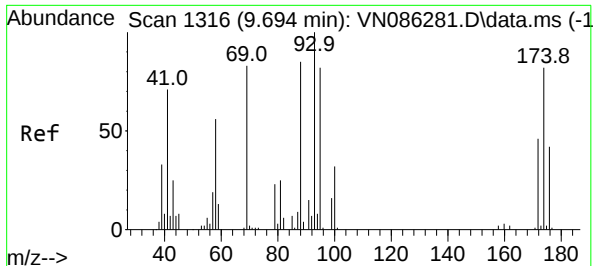


#48
Methyl methacrylate
Concen: 18.566 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09



Tgt Ion: 41 Resp: 52845
Ion Ratio Lower Upper
41 100
69 89.9 68.2 102.2
39 59.0 45.2 67.8





#49

1,4-Dioxane

Concen: 395.012 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VN086334.D

Acq: 18 Apr 2025 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0418WBS01

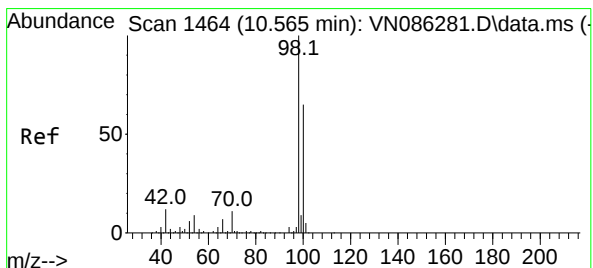
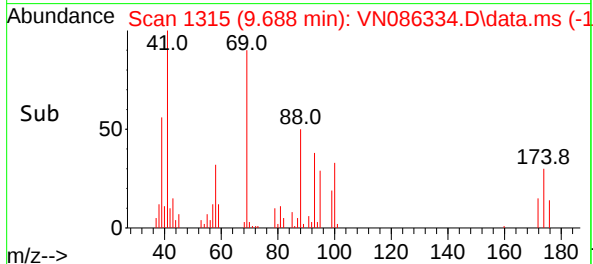
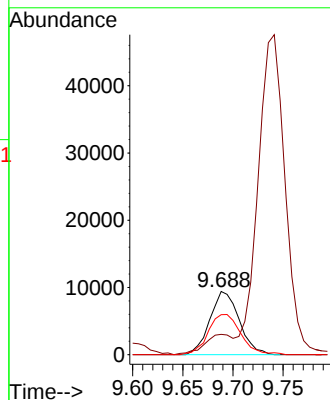
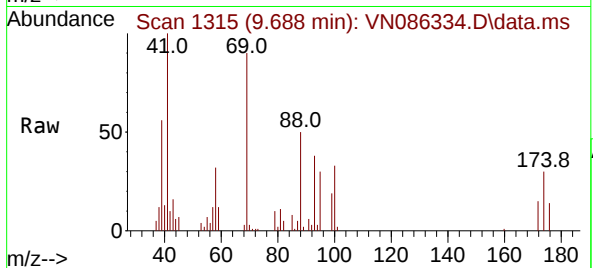
Tgt Ion: 88 Resp: 19125
 Ion Ratio Lower Upper
 88 100
 43 30.8 23.8 35.8
 58 70.7 57.4 86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#50

Toluene-d8

Concen: 47.795 ug/l

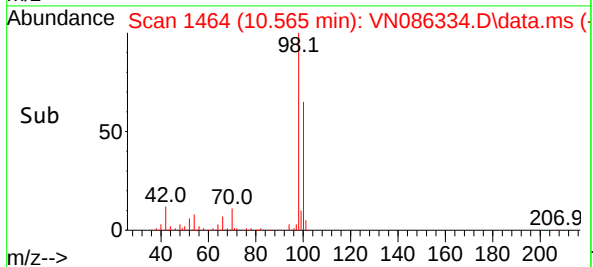
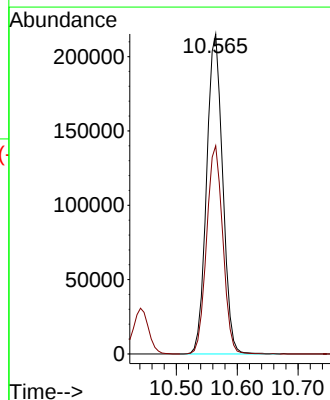
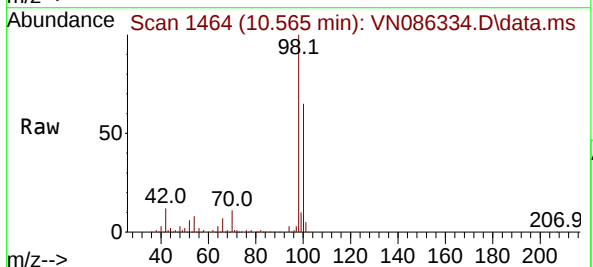
RT: 10.565 min Scan# 1464

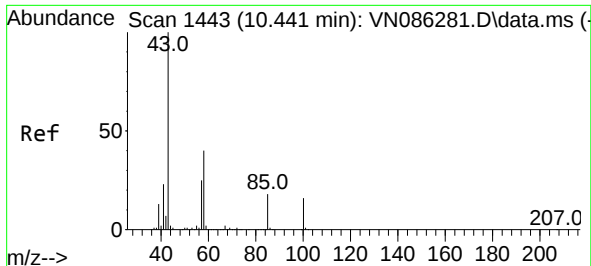
Delta R.T. -0.000 min

Lab File: VN086334.D

Acq: 18 Apr 2025 11:09

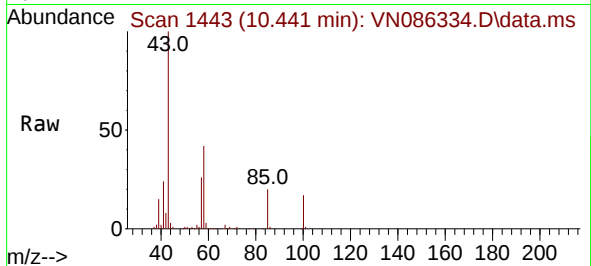
Tgt Ion: 98 Resp: 393735
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 98.057 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

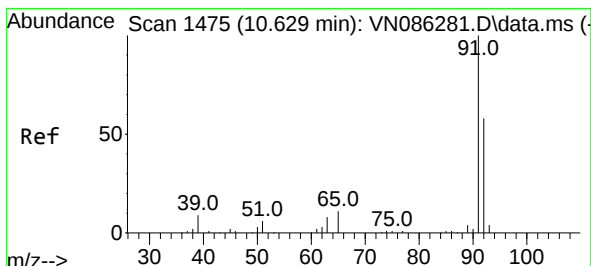
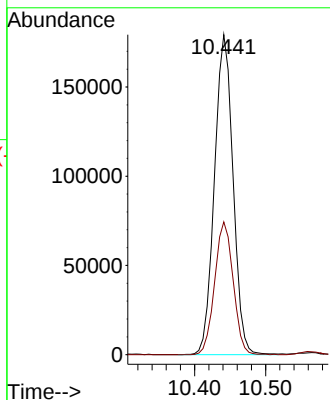
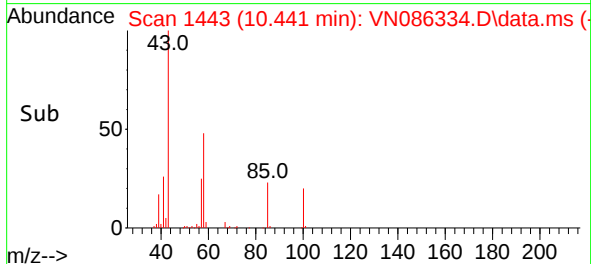
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01



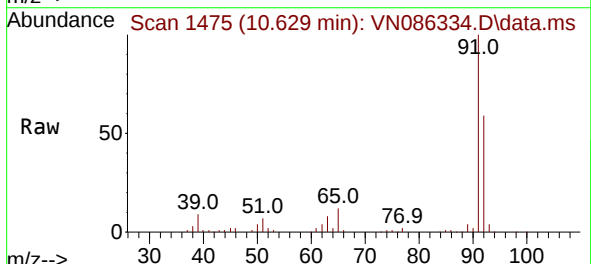
Tgt Ion: 43 Resp: 32545
Ion Ratio Lower Upper
43 100
58 41.3 32.2 48.4

Manual Integrations
APPROVED

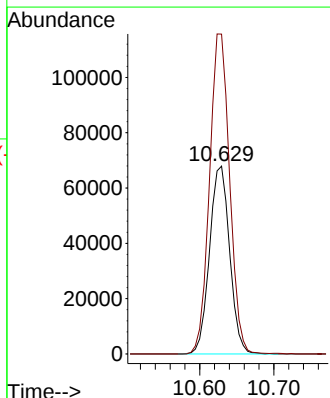
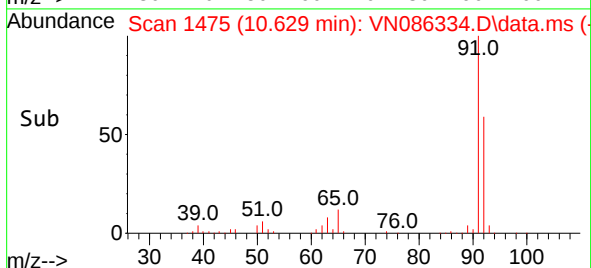
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

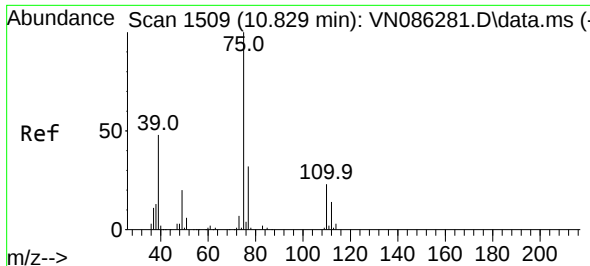


#52
Toluene
Concen: 20.792 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09



Tgt Ion: 92 Resp: 127971
Ion Ratio Lower Upper
92 100
91 170.4 137.3 205.9





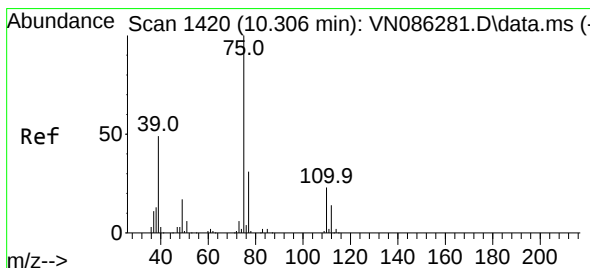
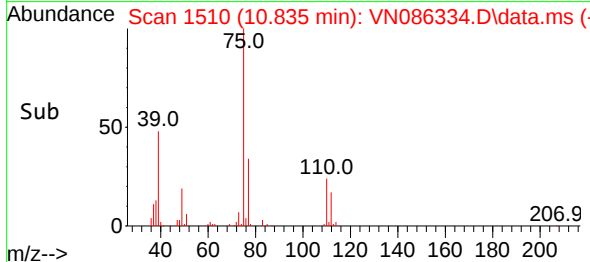
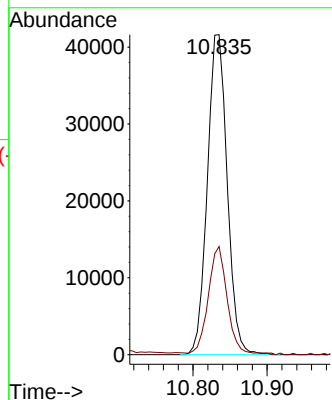
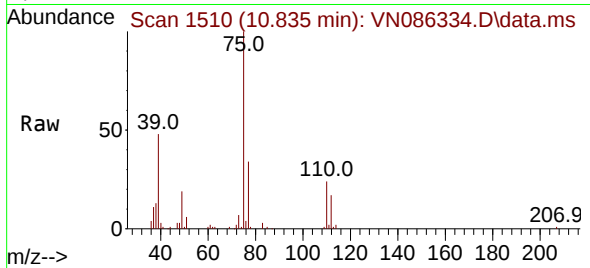
#53
t-1,3-Dichloropropene
Concen: 20.930 ug/l
RT: 10.835 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01

Tgt Ion: 75 Resp: 7763
Ion Ratio Lower Upper
75 100
77 33.3 25.4 38.0

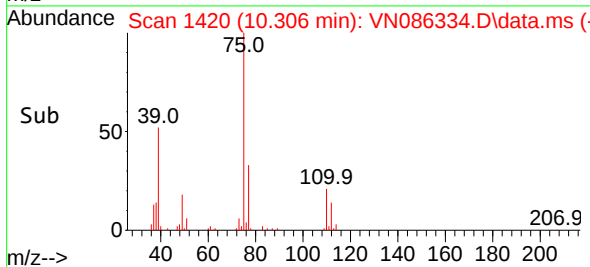
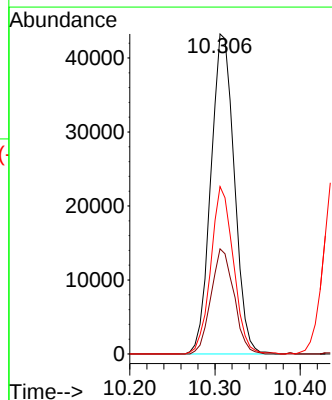
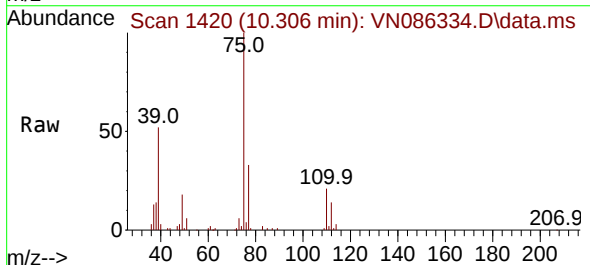
Manual Integrations
APPROVED

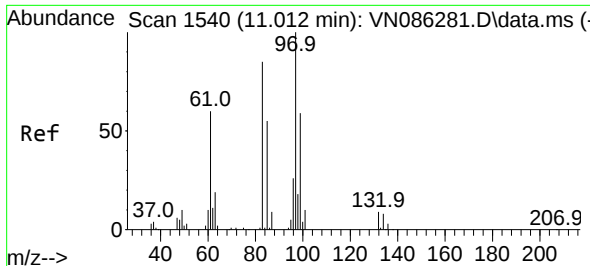
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#54
cis-1,3-Dichloropropene
Concen: 20.260 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

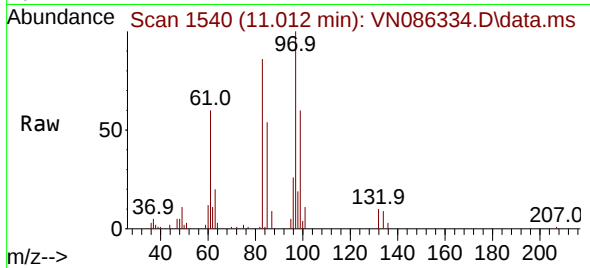
Tgt Ion: 75 Resp: 82538
Ion Ratio Lower Upper
75 100
77 32.9 25.2 37.8
39 52.3 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 20.874 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

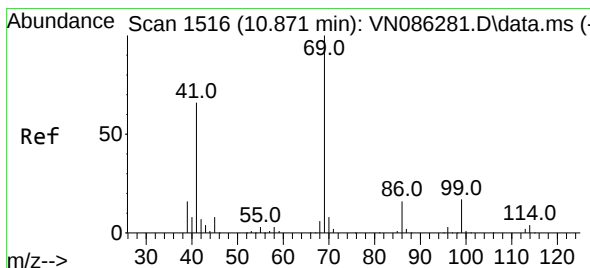
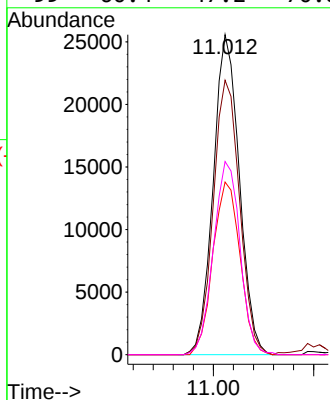
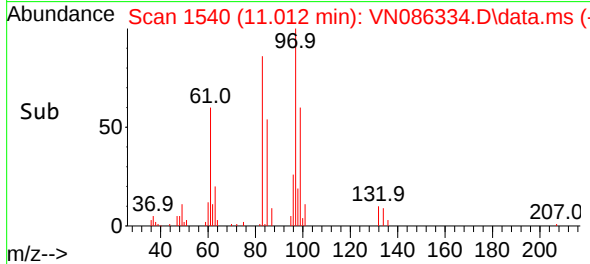
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01



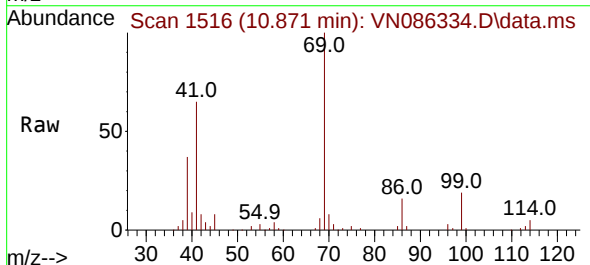
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.7	68.4	102.6
85	53.9	43.9	65.9
99	60.4	47.2	70.8

Manual Integrations
APPROVED

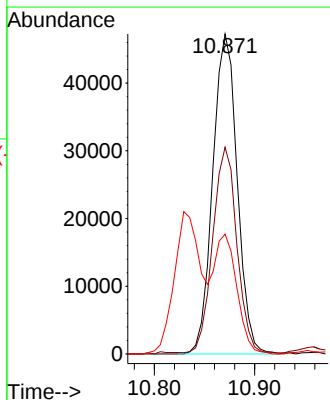
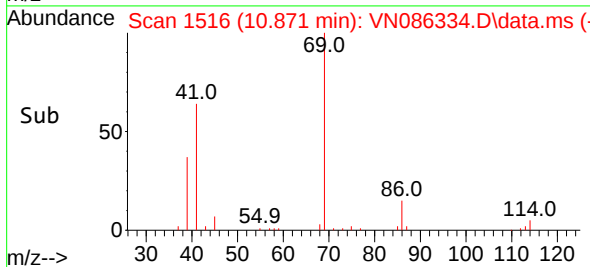
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

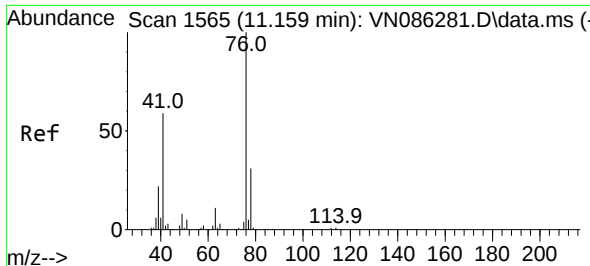


#56
Ethyl methacrylate
Concen: 19.660 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09



Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.4	51.7	77.5
39	35.1	26.3	39.5





#57

1,3-Dichloropropane

Concen: 20.675 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN086334.D

Acq: 18 Apr 2025 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN0418WBS01

Tgt Ion: 76 Resp: 8123

Ion Ratio Lower Upper

76 100

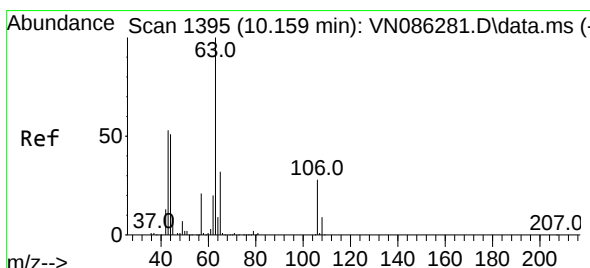
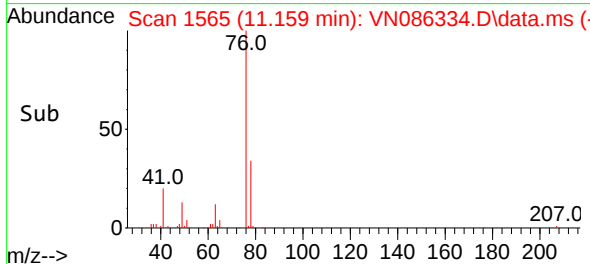
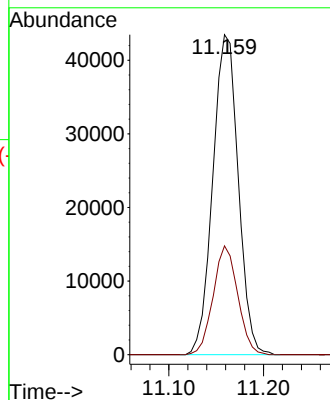
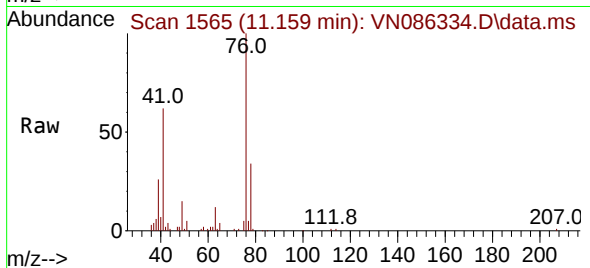
78 32.8 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 82.516 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086334.D

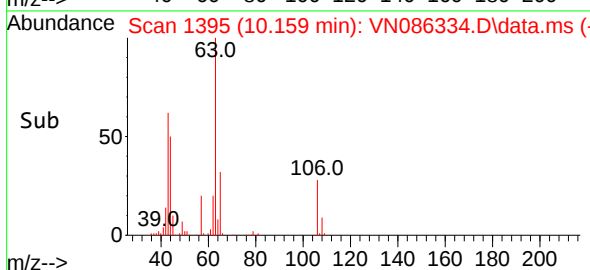
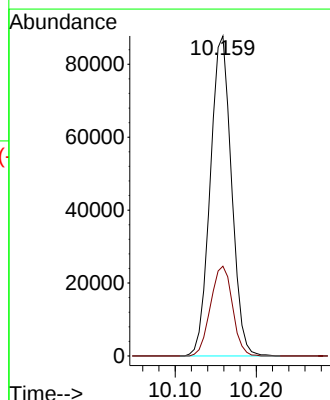
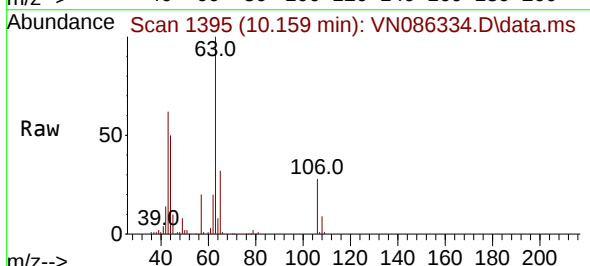
Acq: 18 Apr 2025 11:09

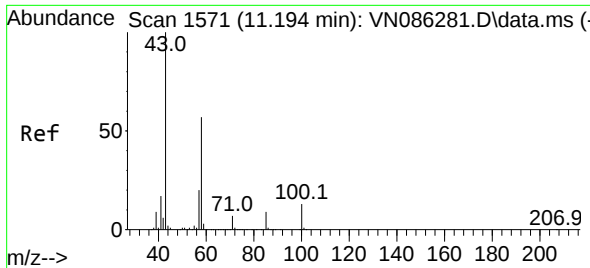
Tgt Ion: 63 Resp: 159422

Ion Ratio Lower Upper

63 100

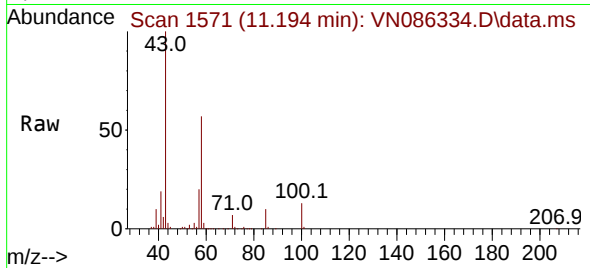
106 28.9 22.2 33.2





#59
2-Hexanone
Concen: 99.573 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

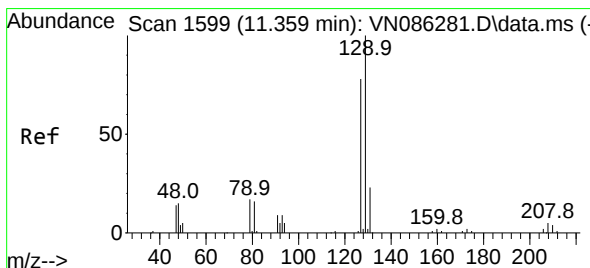
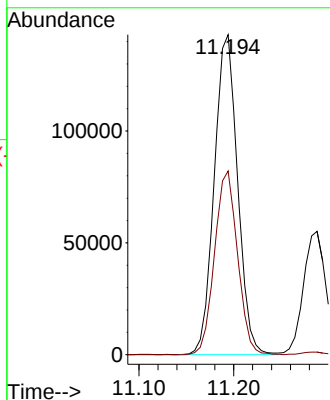
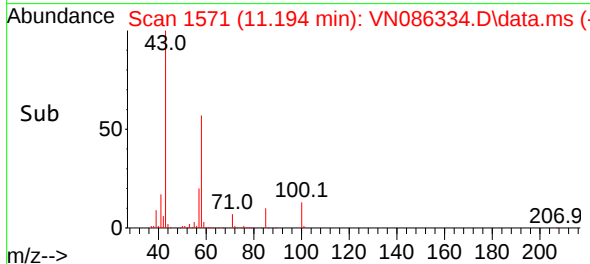
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01



Tgt Ion: 43 Resp: 245134
Ion Ratio Lower Upper
43 100
58 56.4 28.3 85.0

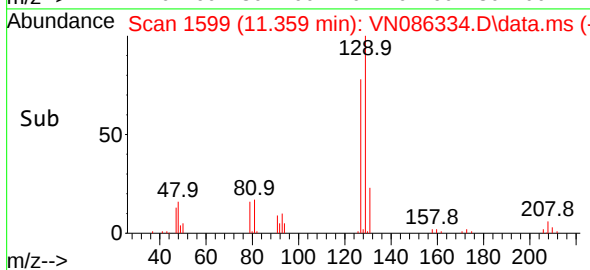
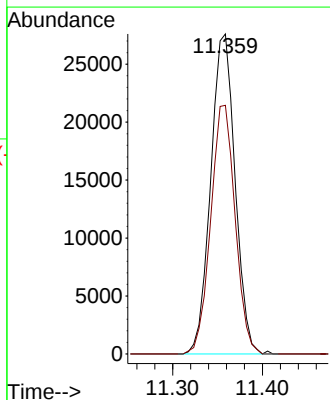
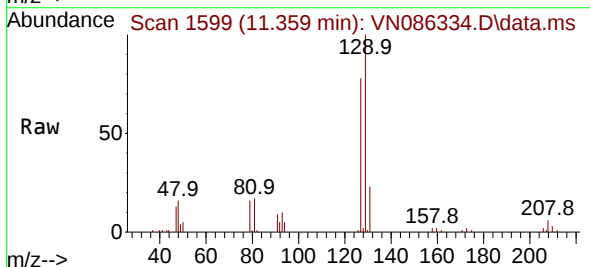
Manual Integrations
APPROVED

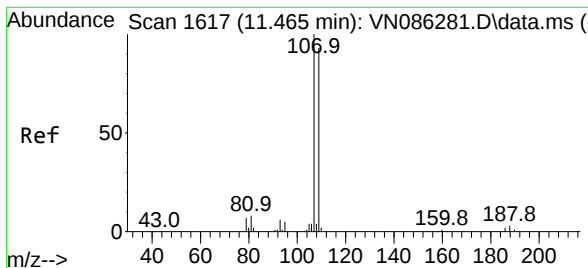
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#60
Dibromochloromethane
Concen: 21.416 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

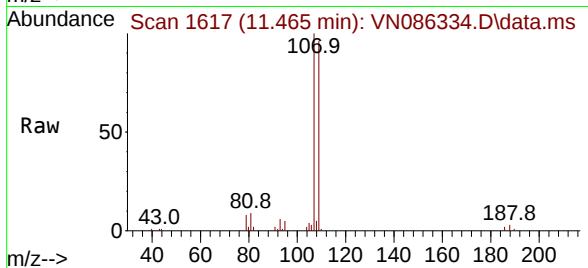
Tgt Ion:129 Resp: 52077
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1





#61
1,2-Dibromoethane
Concen: 21.047 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

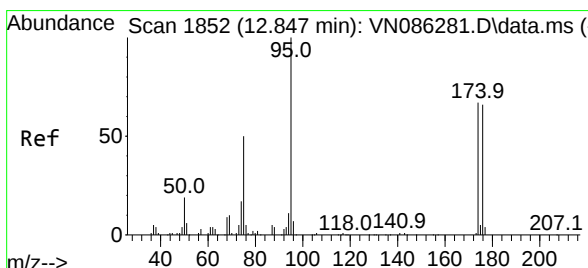
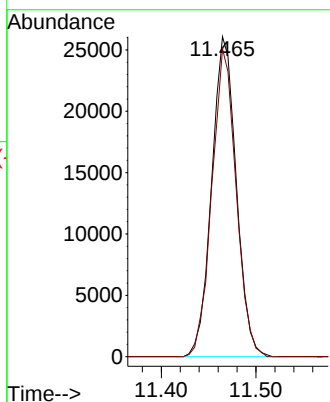
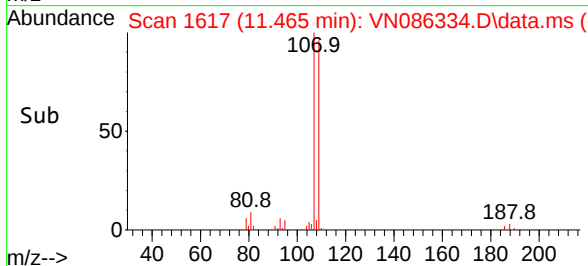
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01



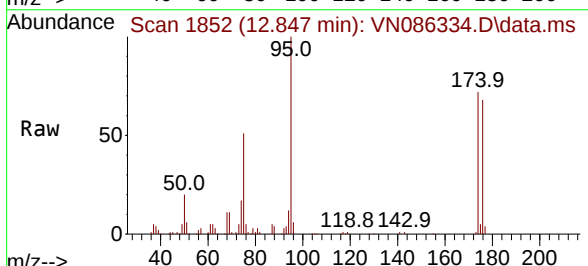
Tgt Ion:107 Resp: 47029
Ion Ratio Lower Upper
107 100
109 94.8 75.4 113.0

Manual Integrations
APPROVED

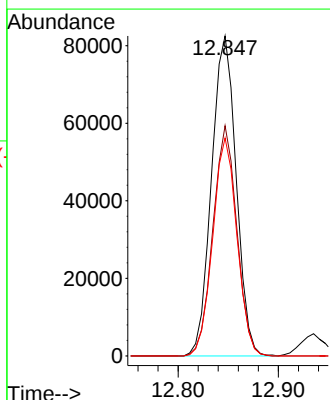
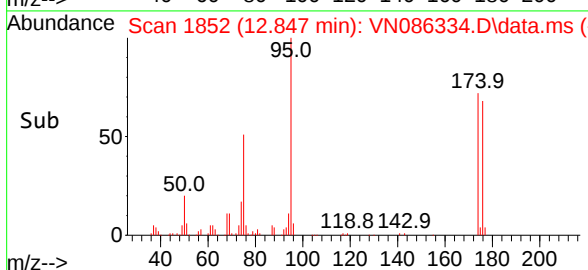
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

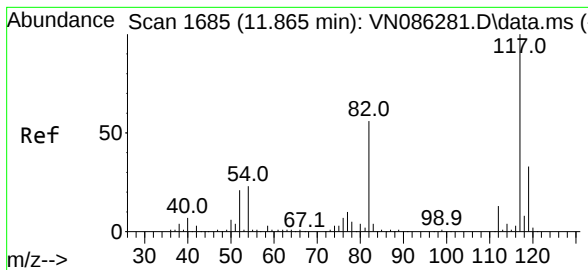


#62
4-Bromofluorobenzene
Concen: 46.772 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09



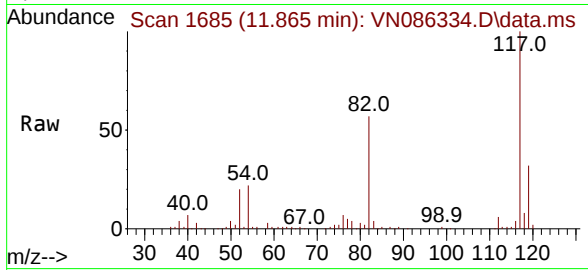
Tgt Ion: 95 Resp: 140539
Ion Ratio Lower Upper
95 100
174 69.8 0.0 133.4
176 67.0 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

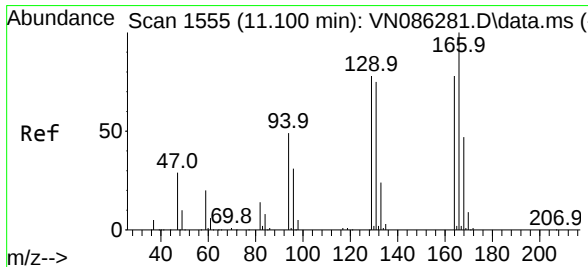
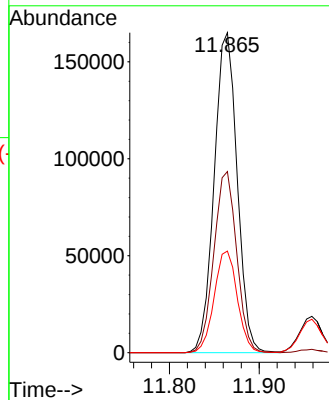
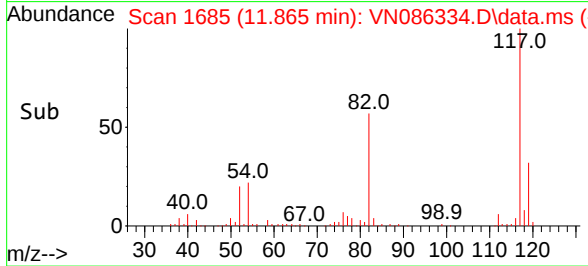
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01



Tgt Ion:117 Resp: 293659
Ion Ratio Lower Upper
117 100
82 56.6 44.7 67.1
119 31.7 26.4 39.6

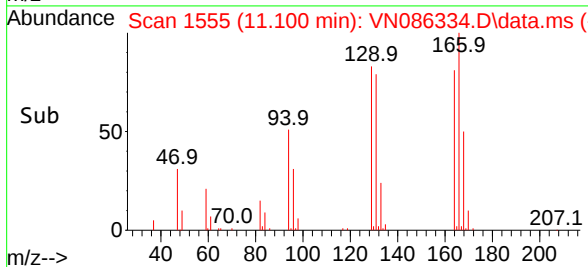
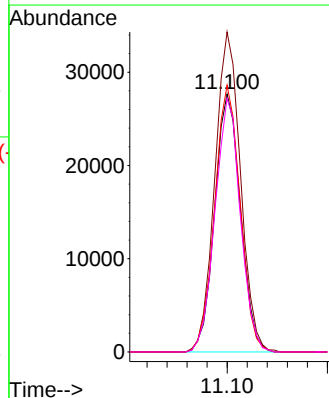
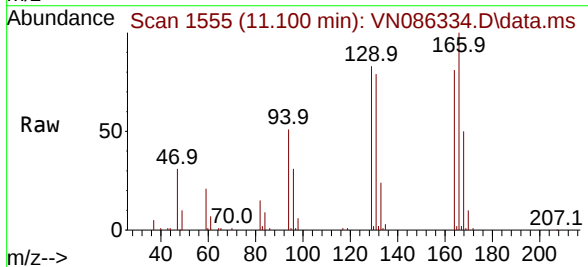
Manual Integrations
APPROVED

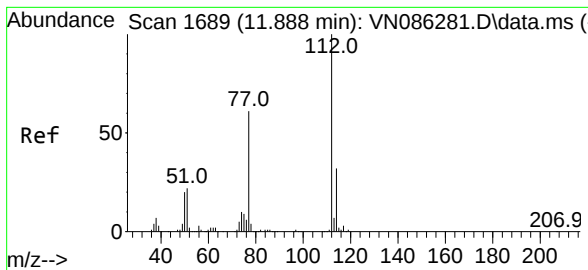
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#64
Tetrachloroethene
Concen: 21.867 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

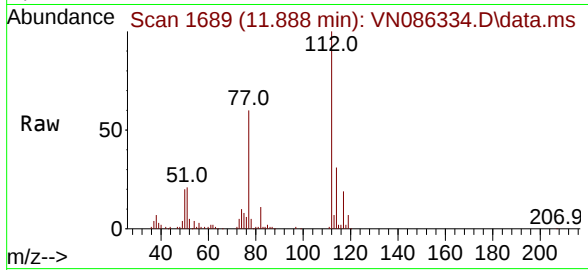
Tgt Ion:164 Resp: 49395
Ion Ratio Lower Upper
164 100
166 124.1 103.0 154.4
129 103.4 80.1 120.1
131 98.4 77.2 115.8





#65
Chlorobenzene
Concen: 20.767 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

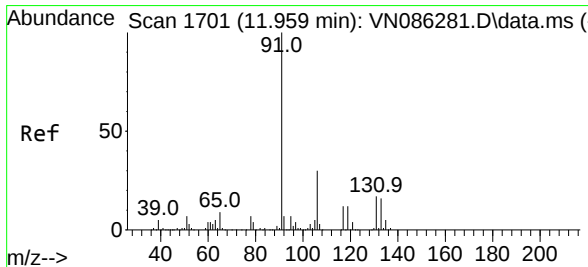
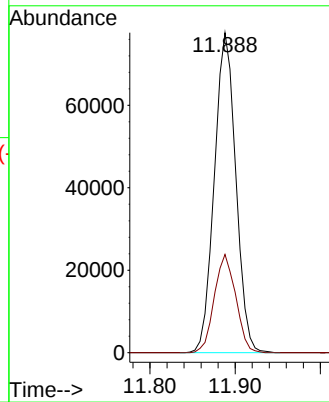
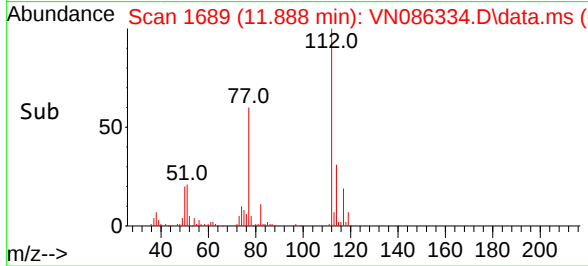
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01



Tgt Ion:112 Resp: 13609
Ion Ratio Lower Upper
112 100
114 30.7 25.4 38.0

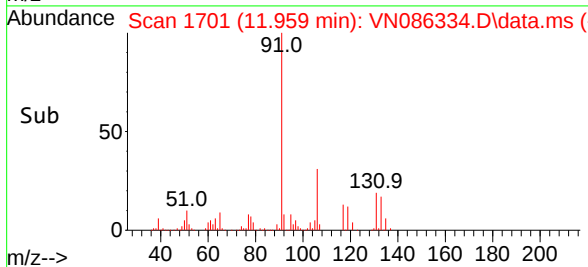
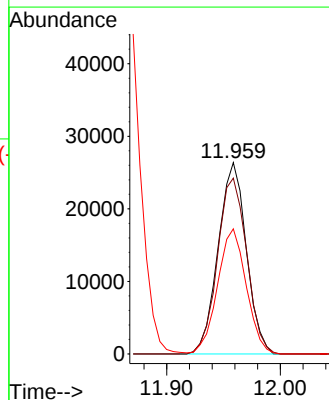
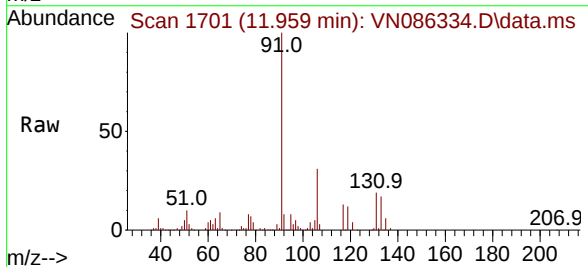
Manual Integrations
APPROVED

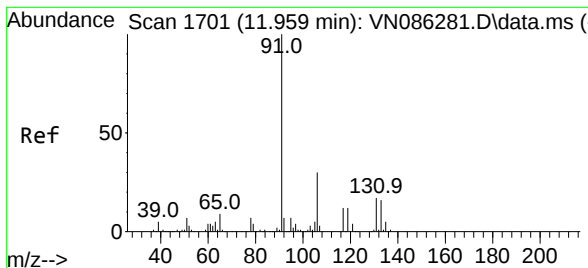
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 21.011 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

Tgt Ion:131 Resp: 45425
Ion Ratio Lower Upper
131 100
133 95.5 47.1 141.3
119 66.7 33.8 101.4





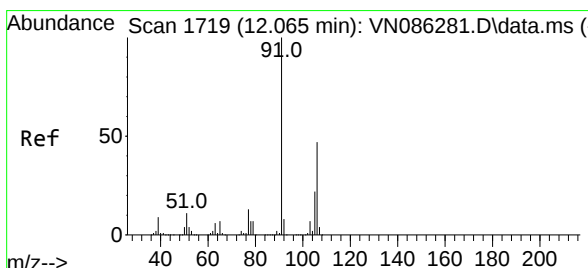
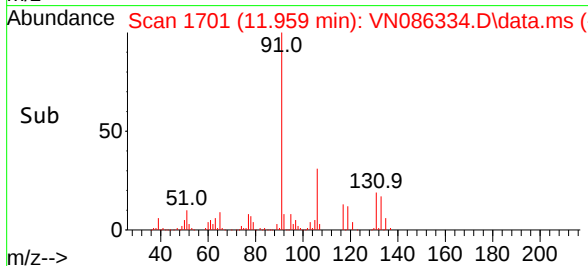
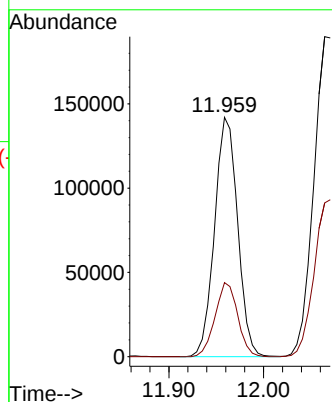
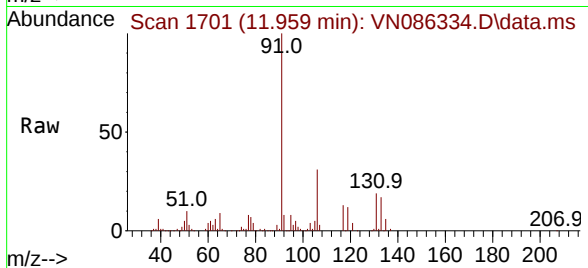
#67
Ethyl Benzene
Concen: 20.340 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01

Tgt Ion: 91 Resp: 24054
Ion Ratio Lower Upper
91 100
106 30.9 24.3 36.5

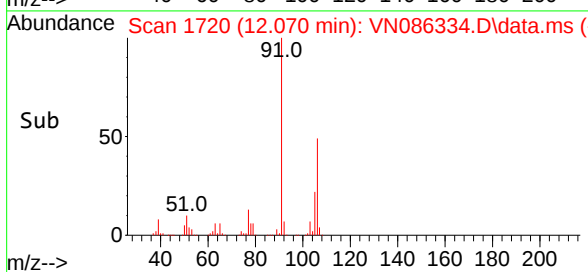
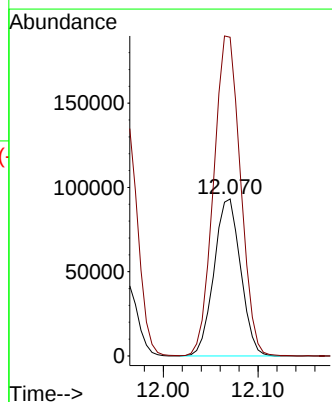
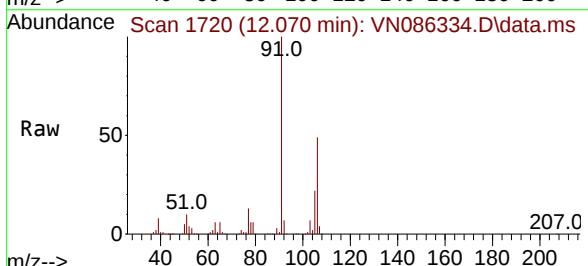
Manual Integrations
APPROVED

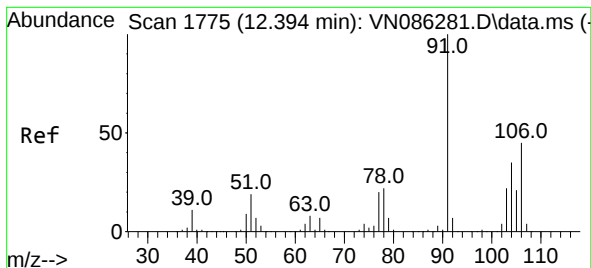
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#68
m/p-Xylenes
Concen: 41.093 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

Tgt Ion:106 Resp: 182087
Ion Ratio Lower Upper
106 100
91 205.8 166.5 249.7





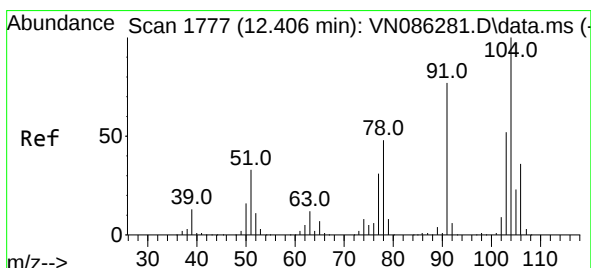
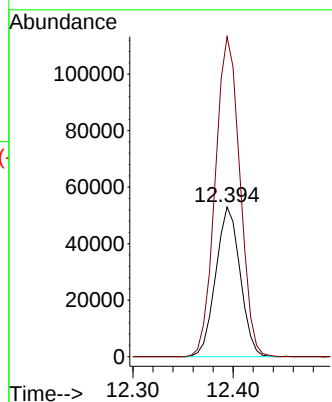
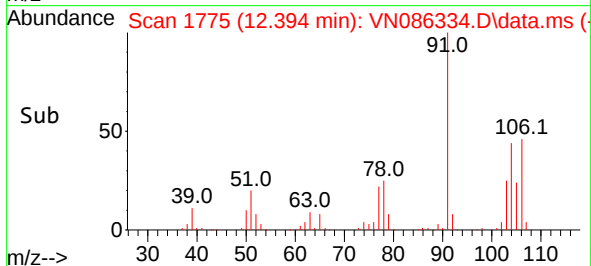
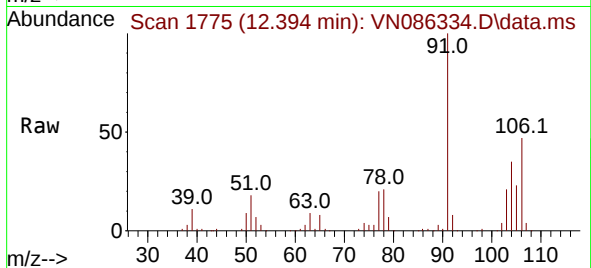
#69
o-Xylene
Concen: 20.400 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01

Tgt Ion:106 Resp: 89390
Ion Ratio Lower Upper
106 100
91 216.7 109.7 329.0

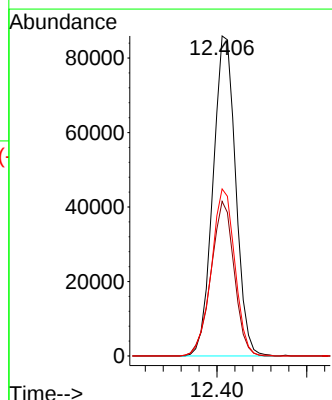
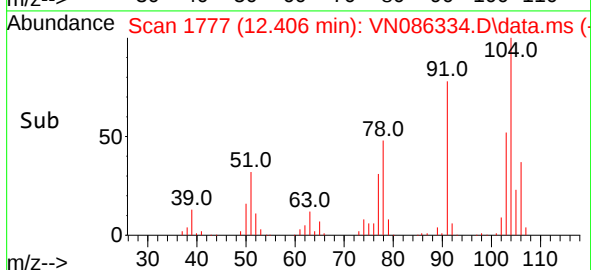
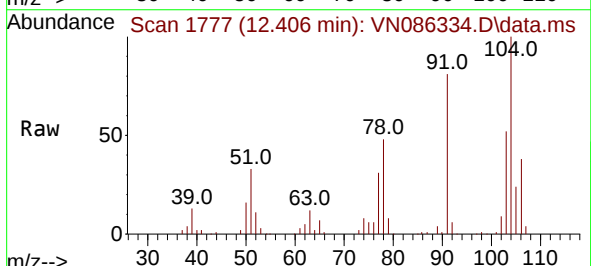
Manual Integrations
APPROVED

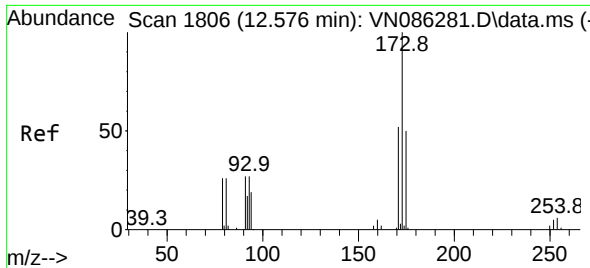
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#70
Styrene
Concen: 20.617 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

Tgt Ion:104 Resp: 150535
Ion Ratio Lower Upper
104 100
78 49.4 40.6 61.0
103 54.2 43.6 65.4





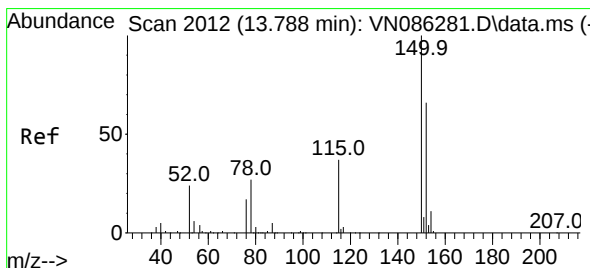
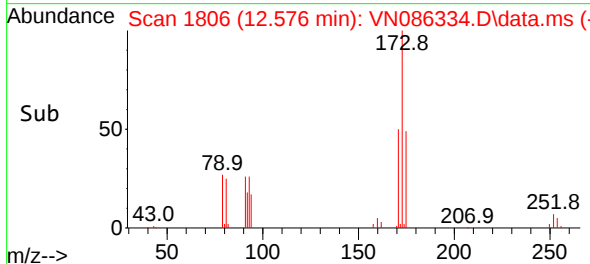
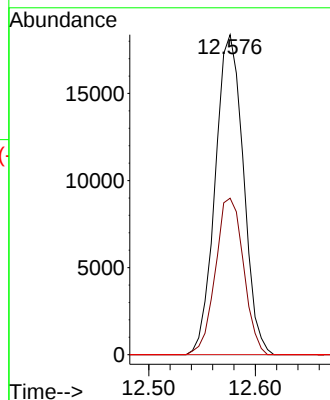
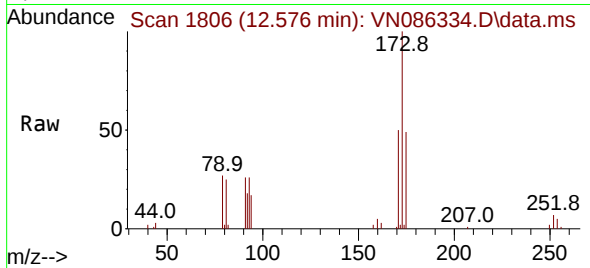
#71
Bromoform
Concen: 20.697 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01

Tgt Ion:173 Resp: 33689
Ion Ratio Lower Upper
173 100
175 48.8 24.6 73.6
254 0.0 0.0 0.0

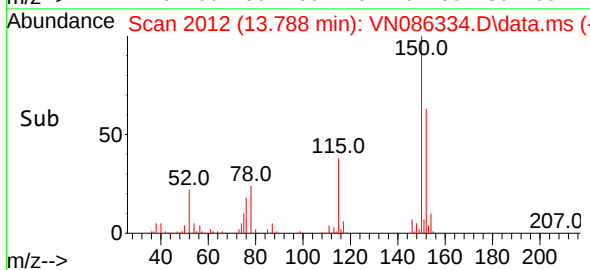
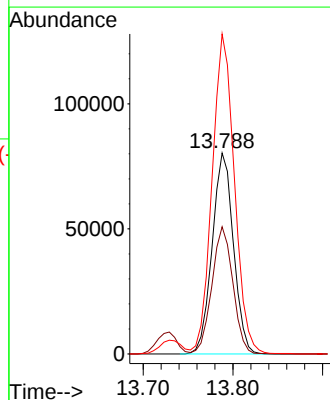
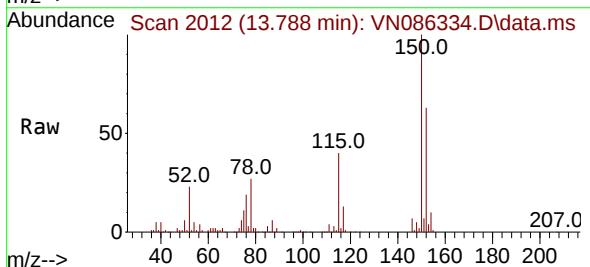
Manual Integrations
APPROVED

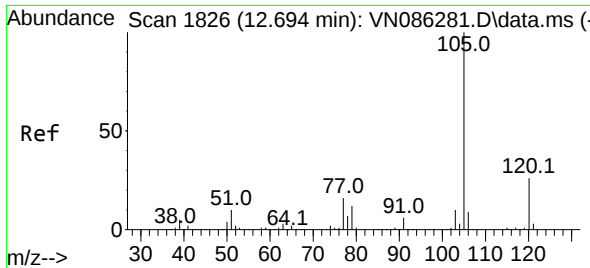
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

Tgt Ion:152 Resp: 132106
Ion Ratio Lower Upper
152 100
115 62.4 31.9 95.9
150 166.8 0.0 352.0





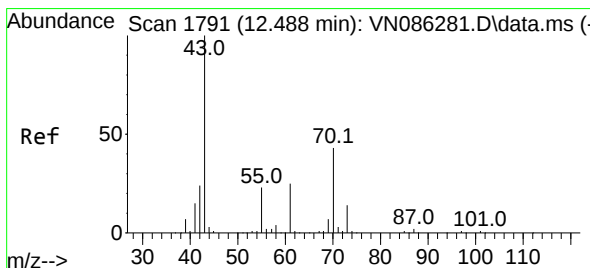
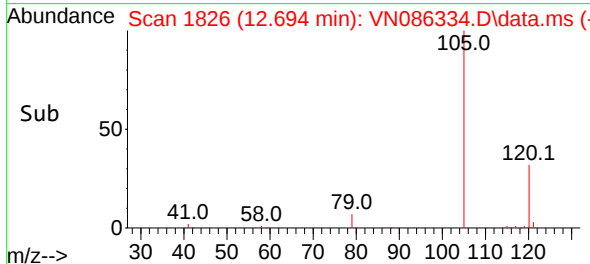
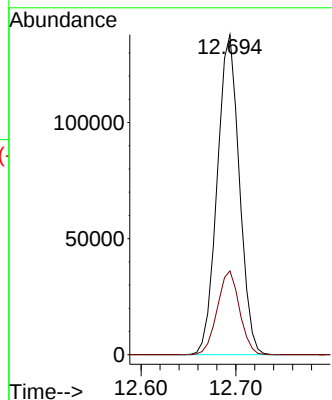
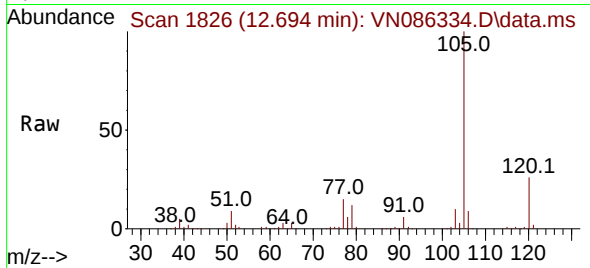
#73
Isopropylbenzene
Concen: 20.712 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01

Tgt Ion:105 Resp: 22382
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3

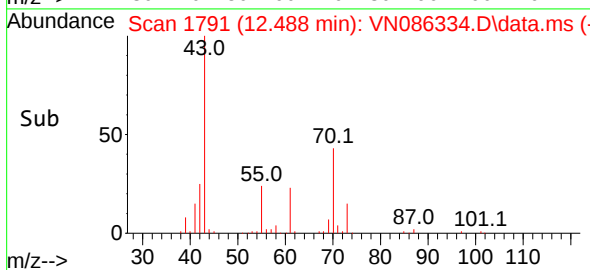
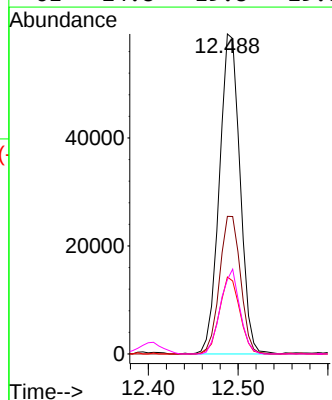
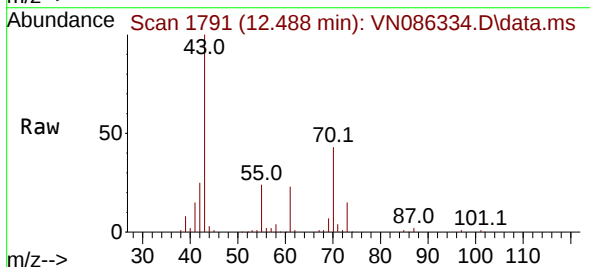
Manual Integrations
APPROVED

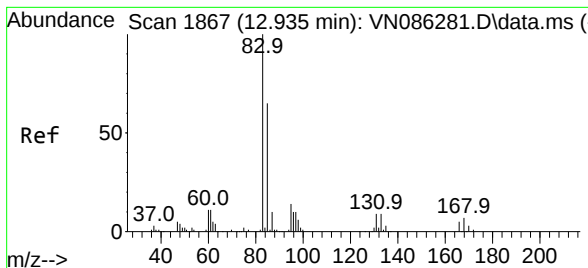
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#74
N-ethyl acetate
Concen: 17.616 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

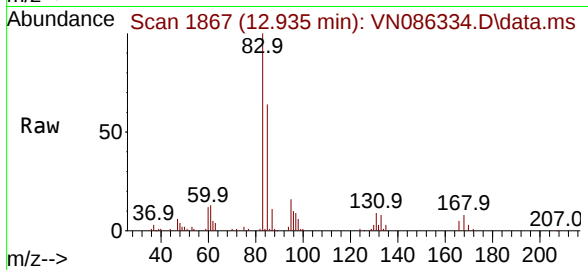
Tgt Ion: 43 Resp: 94773
Ion Ratio Lower Upper
43 100
70 43.5 35.0 52.4
55 23.8 19.0 28.4
61 24.8 19.8 29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 19.620 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

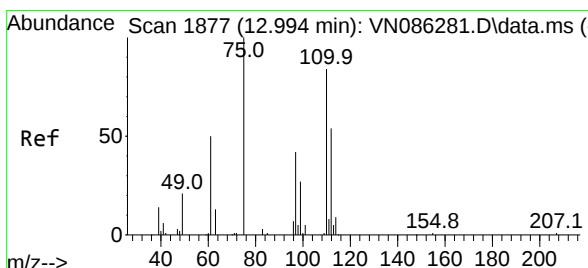
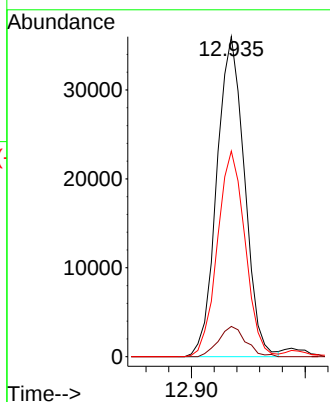
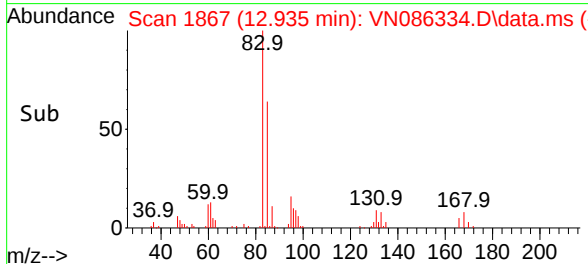
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01



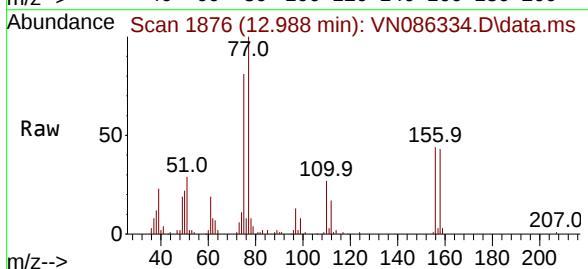
Tgt Ion: 83 Resp: 60962
Ion Ratio Lower Upper
83 100
131 9.3 4.7 14.1
85 64.3 32.7 98.1

Manual Integrations
APPROVED

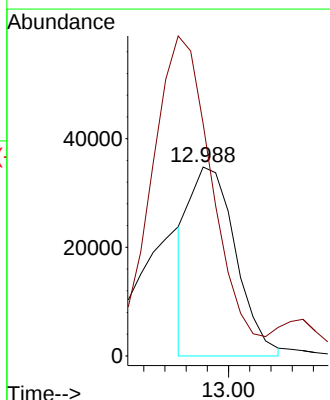
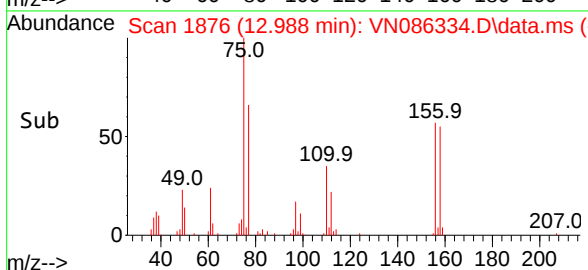
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#76
1,2,3-Trichloropropane
Concen: 17.009 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09



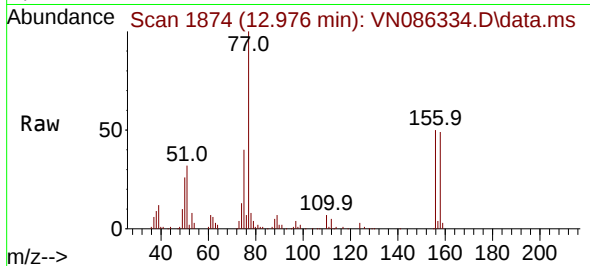
Tgt Ion: 75 Resp: 53026
Ion Ratio Lower Upper
75 100
77 223.6 98.8 296.4





#77
Bromobenzene
Concen: 21.238 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

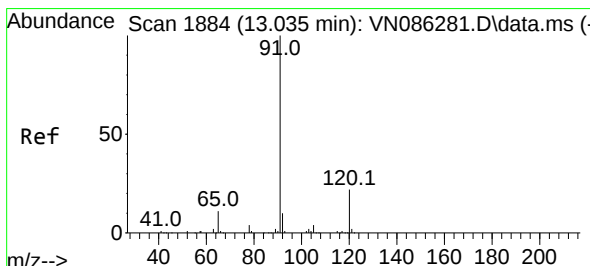
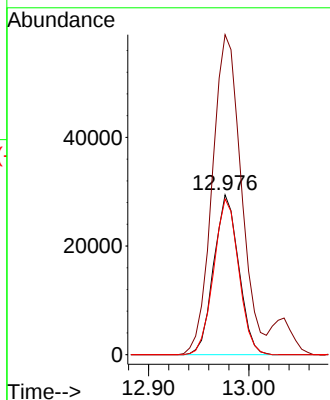
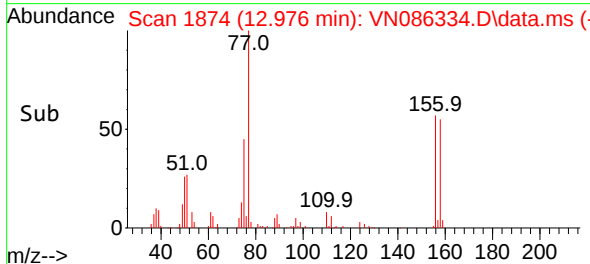
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01



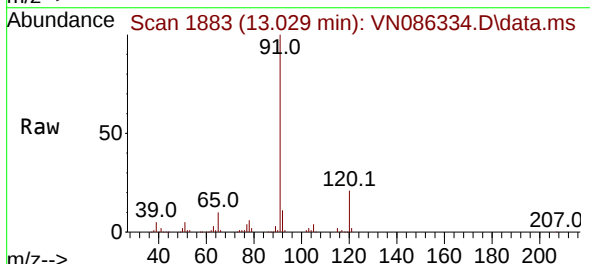
Tgt Ion:156 Resp: 50854
Ion Ratio Lower Upper
156 100
77 233.1 121.1 363.1
158 97.3 47.9 143.6

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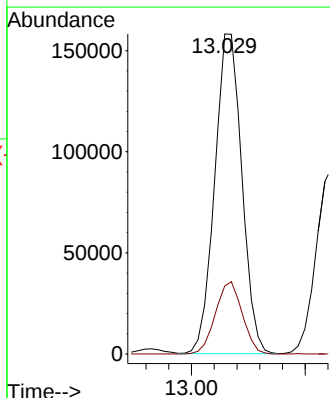
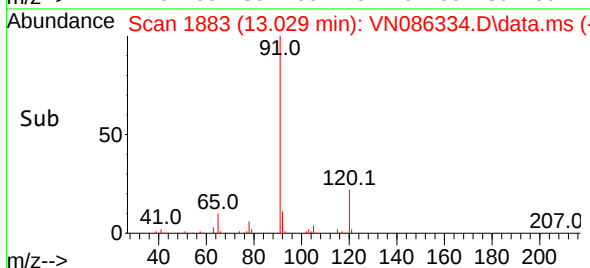
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

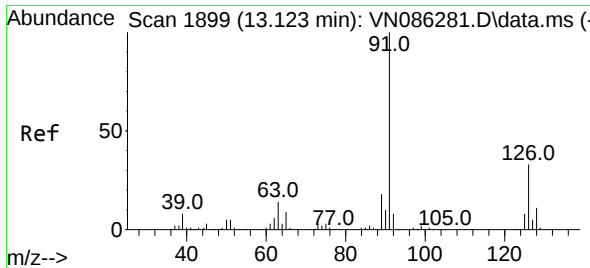


#78
n-propylbenzene
Concen: 20.620 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09



Tgt Ion: 91 Resp: 262582
Ion Ratio Lower Upper
91 100
120 22.3 11.1 33.3





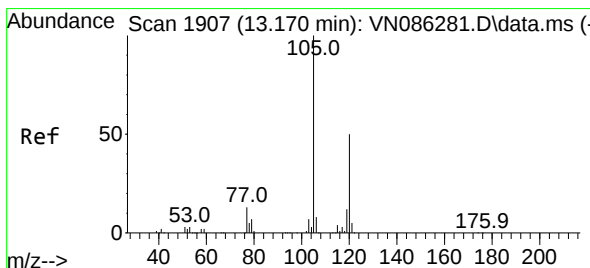
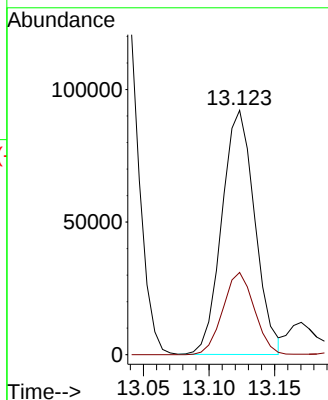
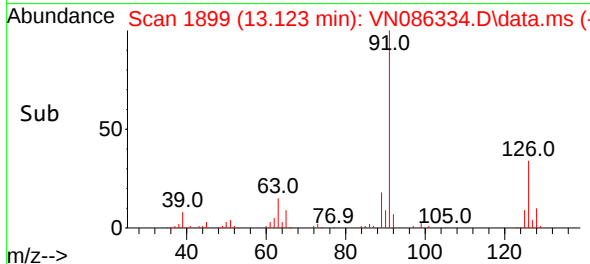
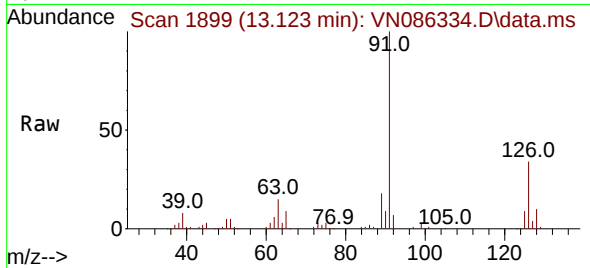
#79
2-Chlorotoluene
Concen: 20.252 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01

Tgt Ion: 91 Resp: 16137
Ion Ratio Lower Upper
91 100
126 32.2 16.1 48.2

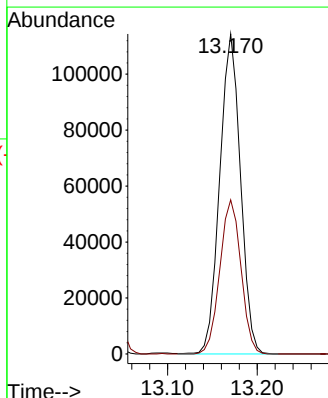
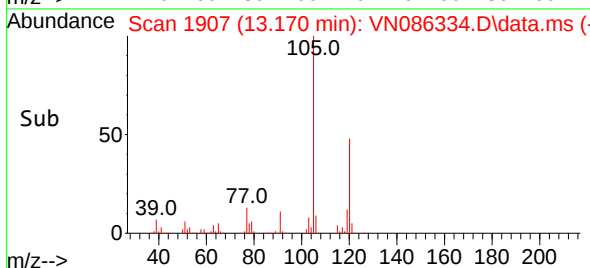
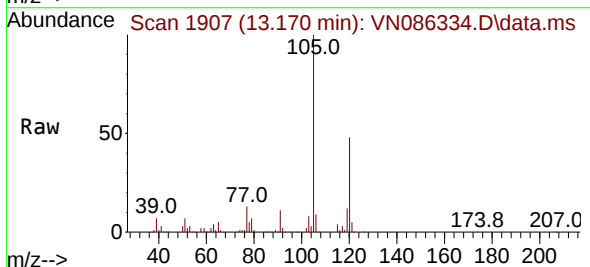
Manual Integrations
APPROVED

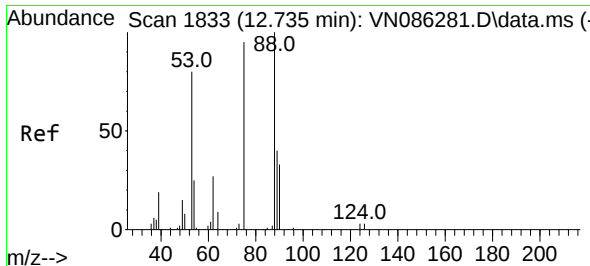
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.735 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

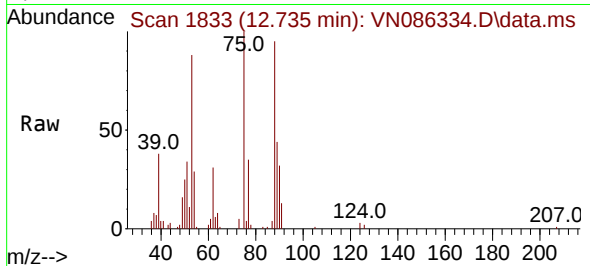
Tgt Ion:105 Resp: 183395
Ion Ratio Lower Upper
105 100
120 49.0 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 19.703 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

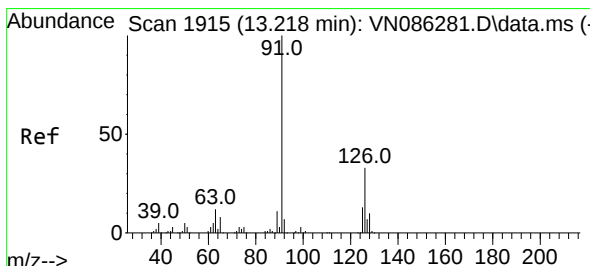
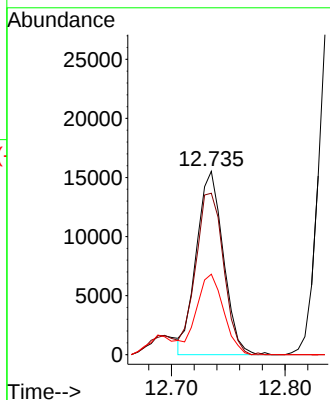
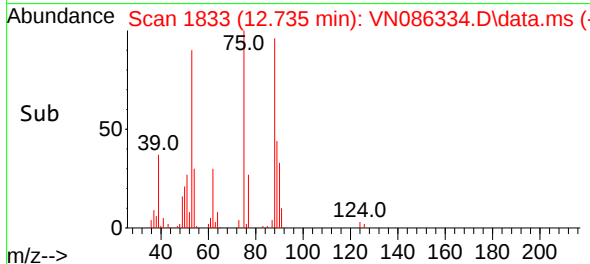
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01



Tgt Ion: 75 Resp: 25570
Ion Ratio Lower Upper
75 100
53 91.7 79.2 118.8
89 43.1 35.7 53.5

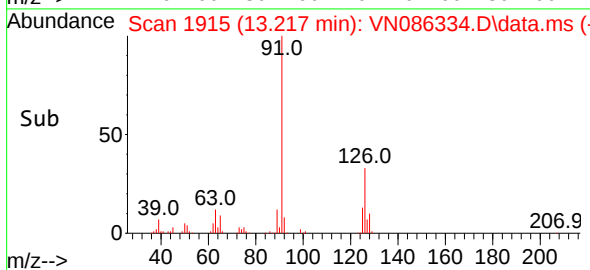
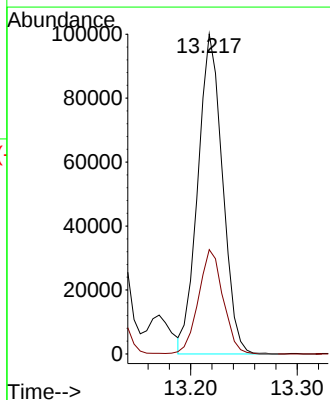
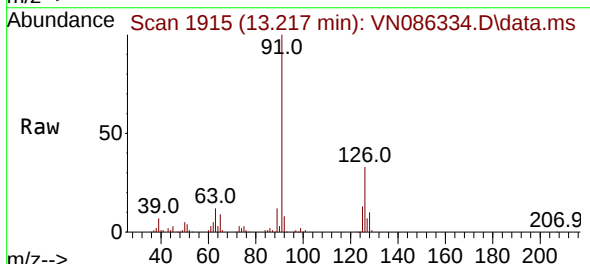
Manual Integrations
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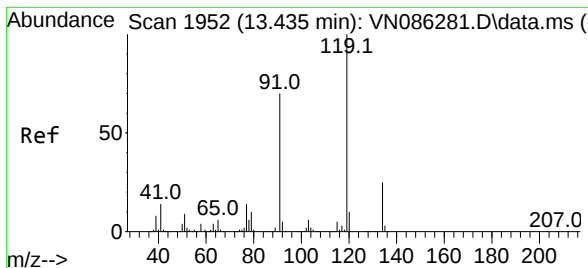
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#82
4-Chlorotoluene
Concen: 20.344 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

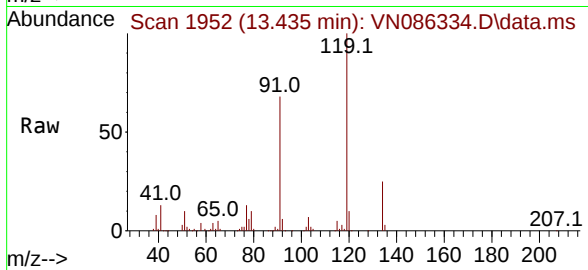
Tgt Ion: 91 Resp: 161029
Ion Ratio Lower Upper
91 100
126 32.5 16.2 48.6





#83
 tert-Butylbenzene
 Concen: 21.232 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN086334.D
 Acq: 18 Apr 2025 11:09

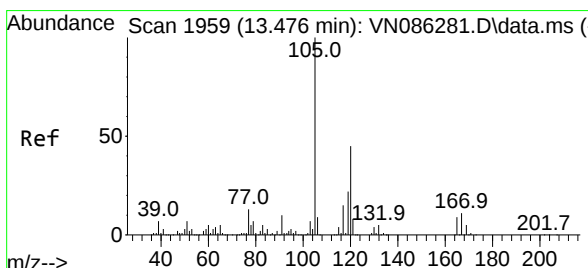
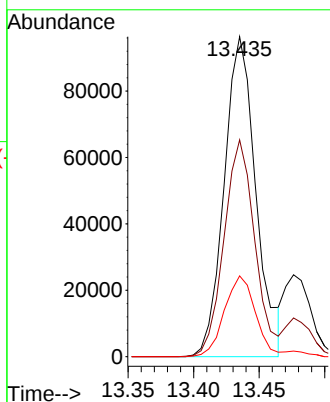
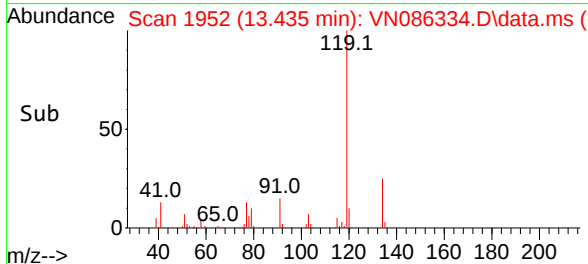
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0418WBS01



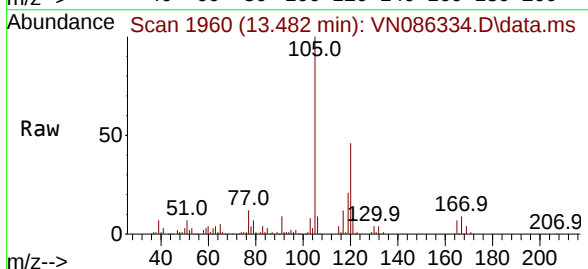
Tgt Ion:119 Resp: 162723
 Ion Ratio Lower Upper
 119 100
 91 65.9 34.4 103.3
 134 25.8 13.0 39.0

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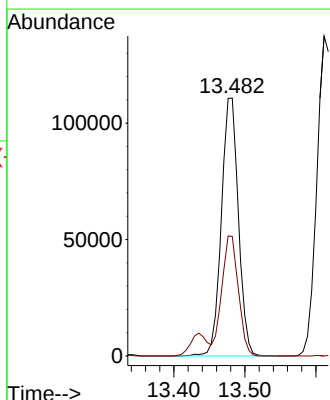
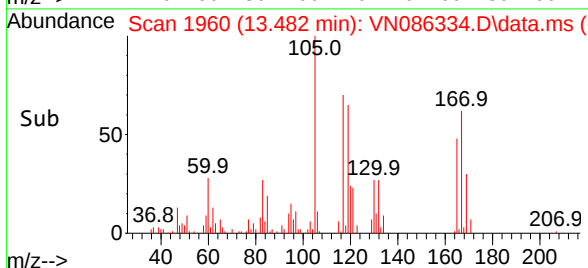
Reviewed By :John Carlone 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025

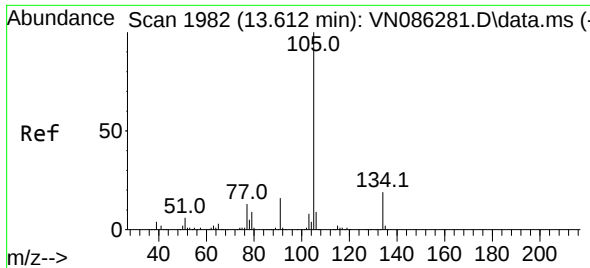


#84
 1,2,4-Trimethylbenzene
 Concen: 20.397 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN086334.D
 Acq: 18 Apr 2025 11:09



Tgt Ion:105 Resp: 183643
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.4 67.3





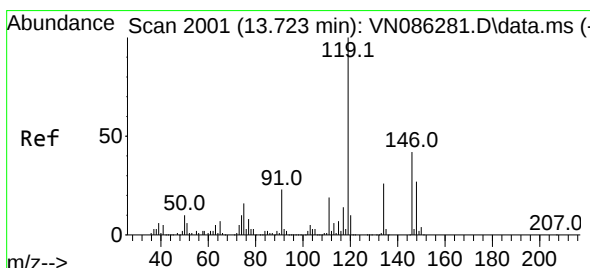
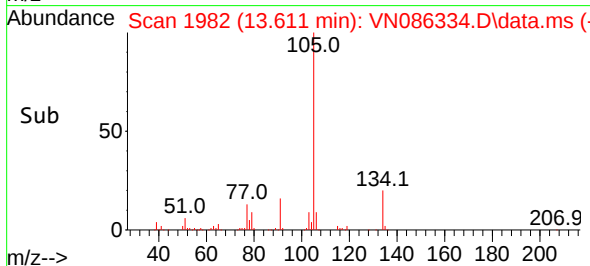
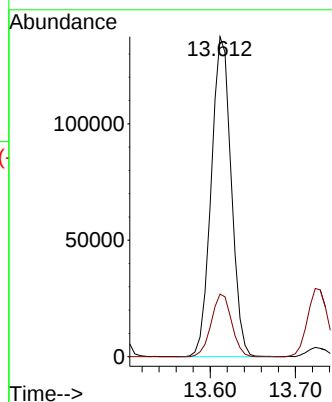
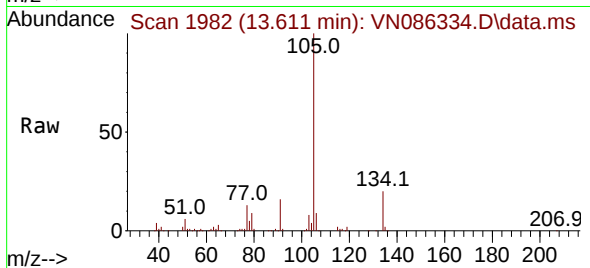
#85
 sec-Butylbenzene
 Concen: 21.081 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086334.D
 Acq: 18 Apr 2025 11:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0418WBS01

Tgt Ion:105 Resp: 224090
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.7 29.1

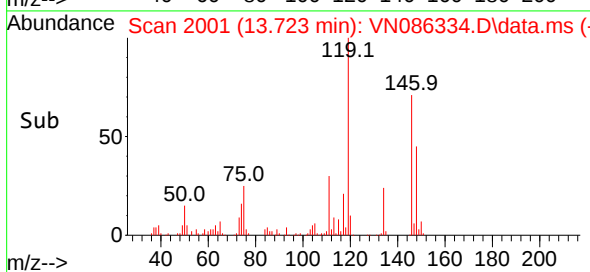
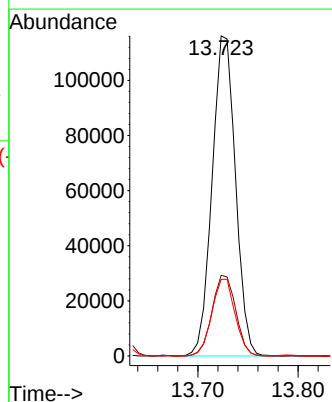
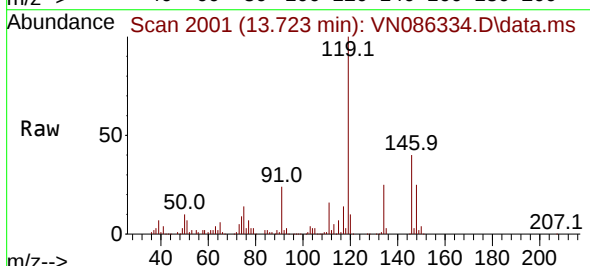
Manual Integrations
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Reviewed By :John Carlone 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025



#86
 p-Isopropyltoluene
 Concen: 21.462 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086334.D
 Acq: 18 Apr 2025 11:09

Tgt Ion:119 Resp: 188051
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.1 39.1
 91 24.0 11.9 35.9





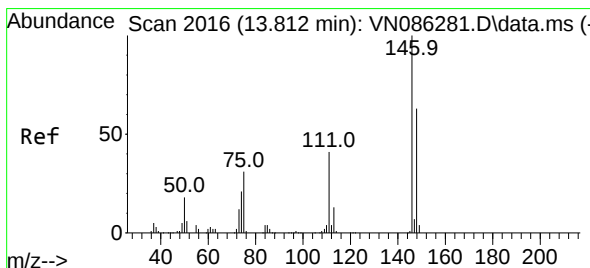
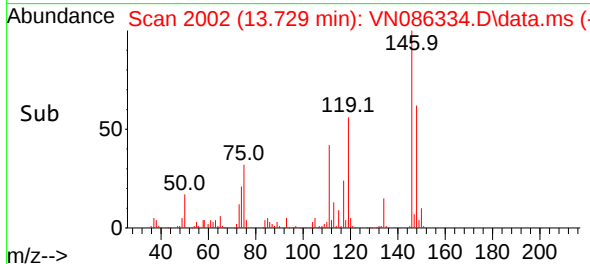
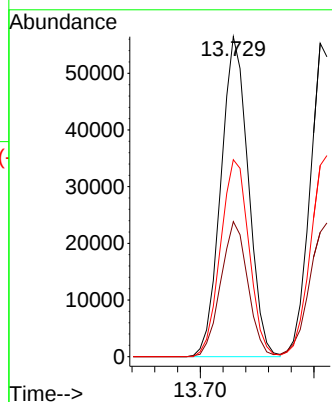
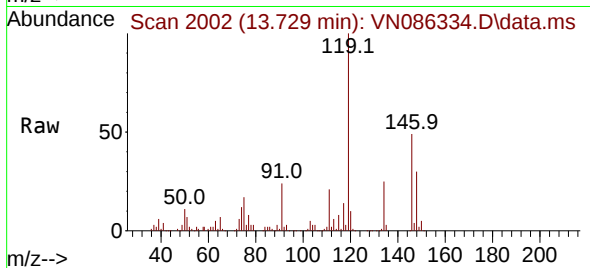
#87
1,3-Dichlorobenzene
Concen: 21.008 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01

Tgt Ion:146 Resp: 94560
Ion Ratio Lower Upper
146 100
111 41.7 21.9 65.7
148 63.9 31.9 95.5

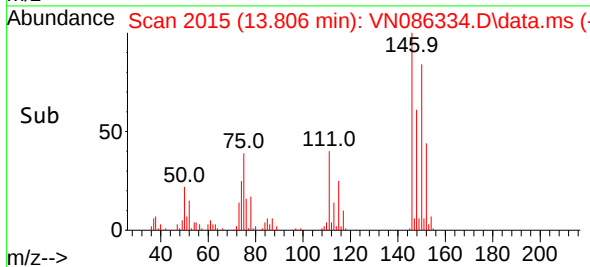
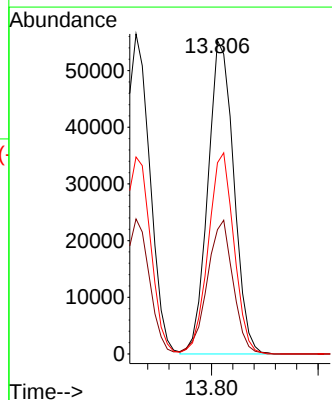
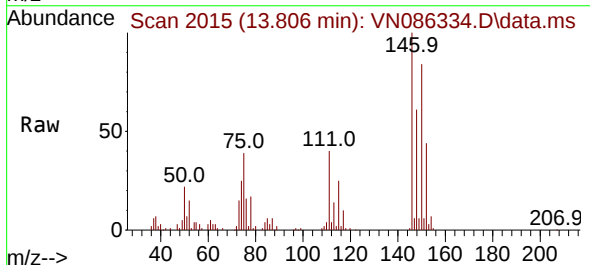
Manual Integrations
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Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#88
1,4-Dichlorobenzene
Concen: 20.614 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

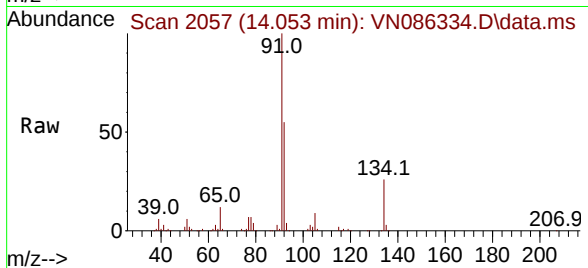
Tgt Ion:146 Resp: 93456
Ion Ratio Lower Upper
146 100
111 42.8 21.3 63.9
148 63.6 31.9 95.9





#89
n-Butylbenzene
Concen: 21.303 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

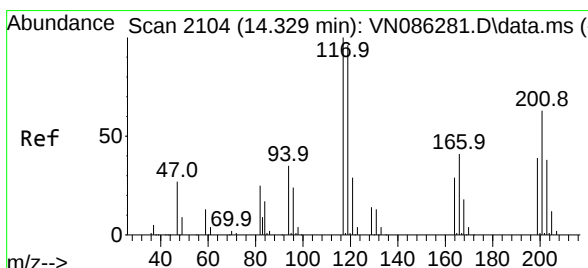
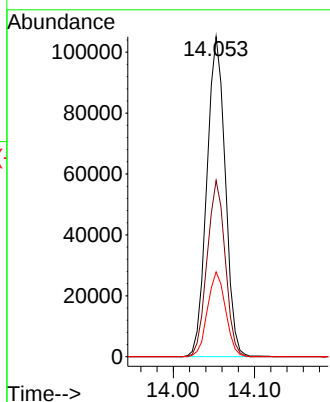
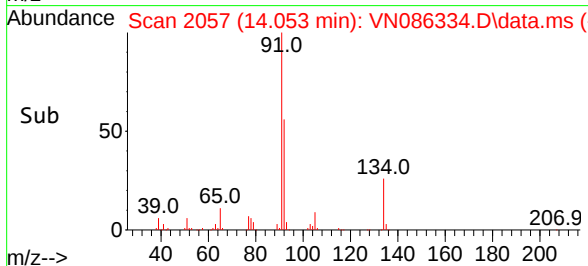
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01



Tgt Ion: 91 Resp: 165440
Ion Ratio Lower Upper
91 100
92 54.1 26.8 80.4
134 26.0 12.2 36.6

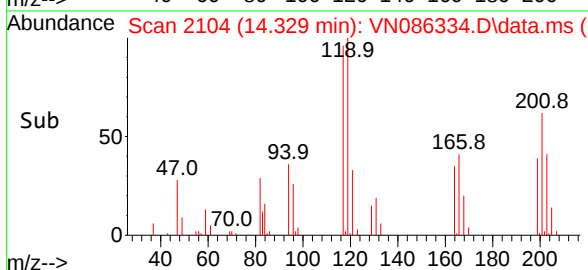
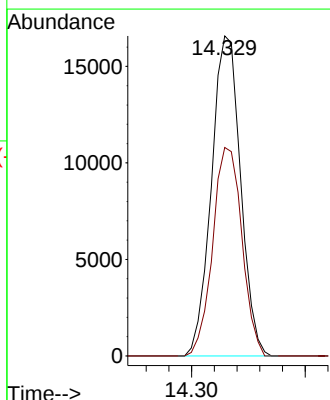
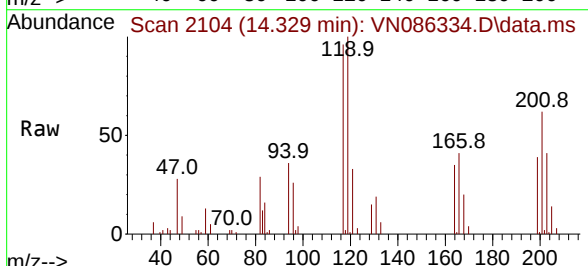
Manual Integrations
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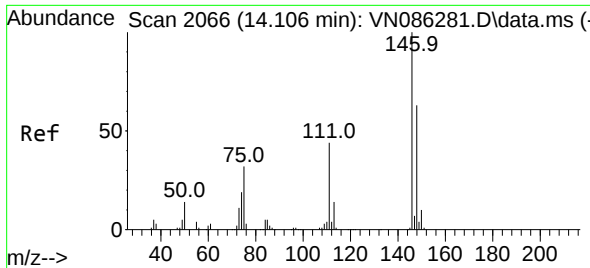
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#90
Hexachloroethane
Concen: 20.022 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

Tgt Ion:117 Resp: 29509
Ion Ratio Lower Upper
117 100
201 65.3 31.4 94.2





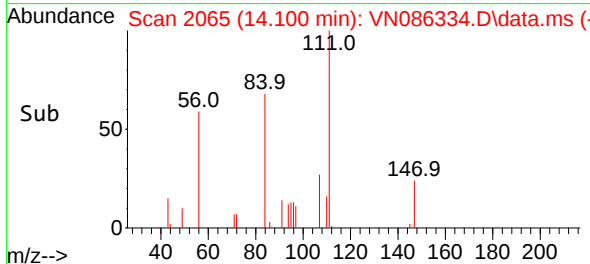
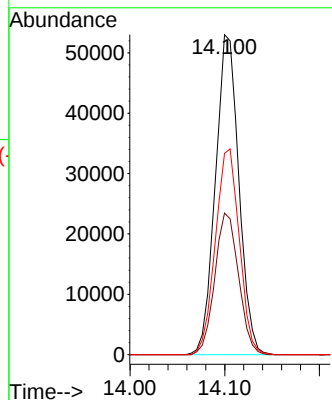
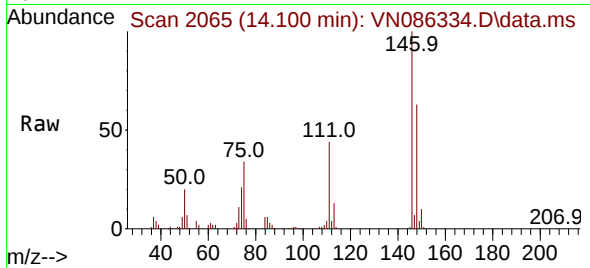
#91
1,2-Dichlorobenzene
Concen: 20.925 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01

Tgt Ion:146 Resp: 91319
Ion Ratio Lower Upper
146 100
111 44.8 22.4 67.0
148 65.7 31.8 95.4

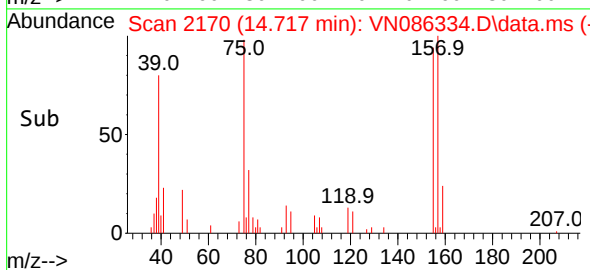
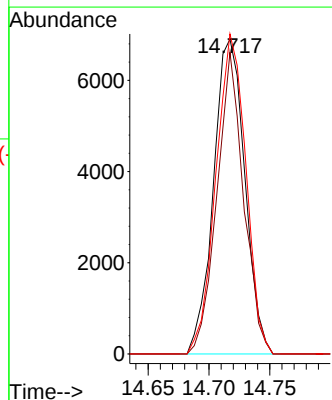
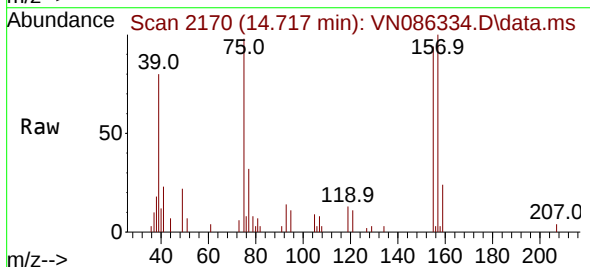
Manual Integrations
APPROVED

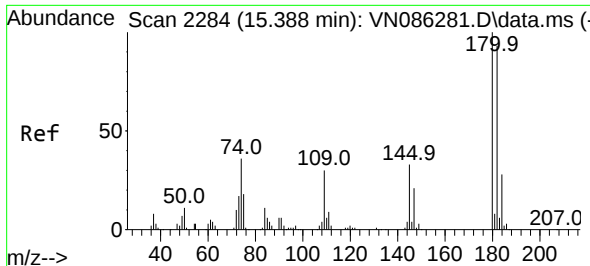
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.674 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

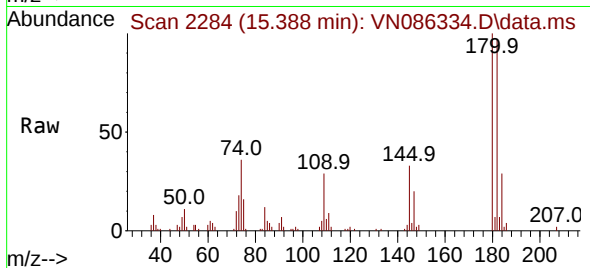
Tgt Ion: 75 Resp: 12326
Ion Ratio Lower Upper
75 100
155 82.1 40.3 120.9
157 97.2 49.0 147.2





#93
1,2,4-Trichlorobenzene
Concen: 22.725 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

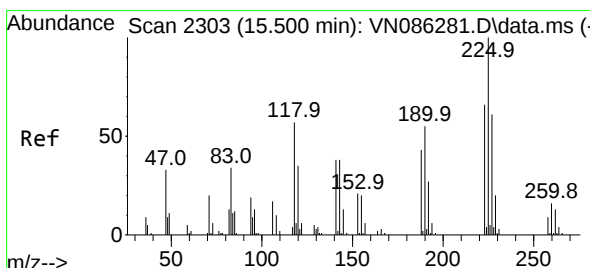
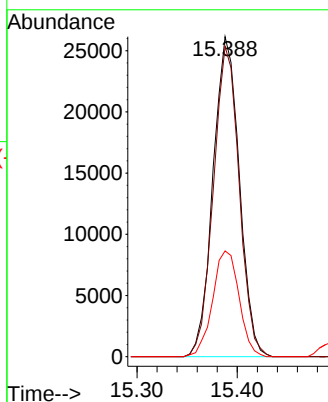
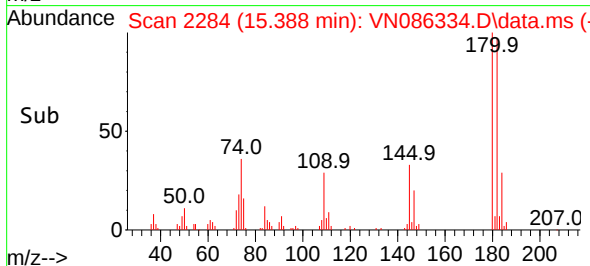
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01



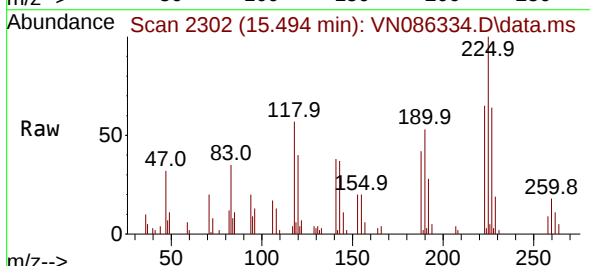
Tgt Ion:180 Resp: 47489
Ion Ratio Lower Upper
180 100
182 95.1 47.0 141.0
145 33.3 16.4 49.1

Manual Integrations
APPROVED

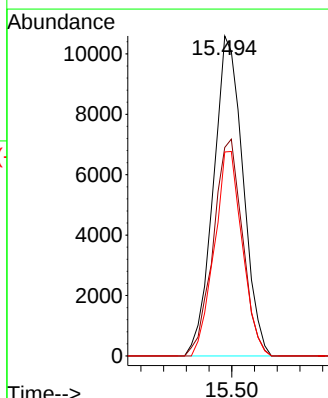
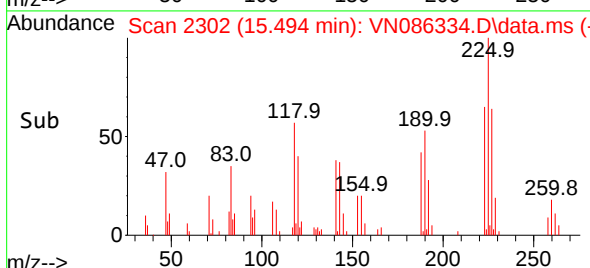
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

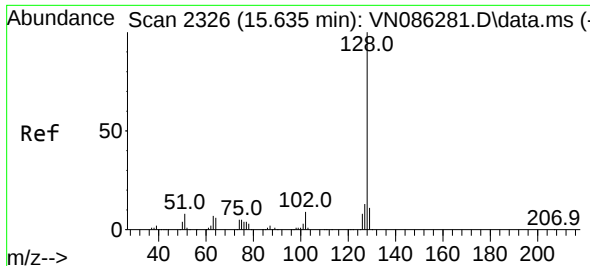


#94
Hexachlorobutadiene
Concen: 24.285 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09



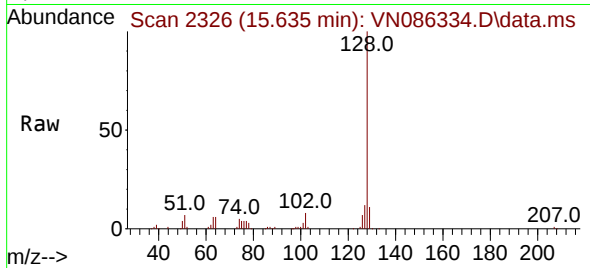
Tgt Ion:225 Resp: 19157
Ion Ratio Lower Upper
225 100
223 66.7 32.8 98.3
227 60.7 31.4 94.0





#95
Naphthalene
Concen: 20.985 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

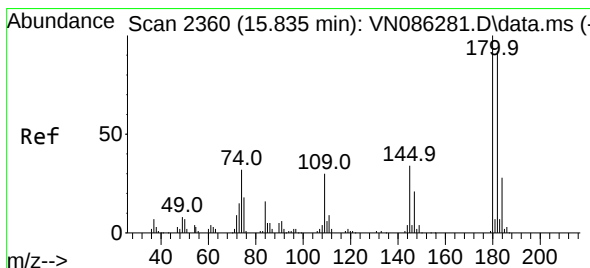
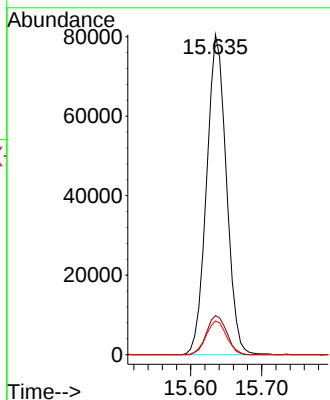
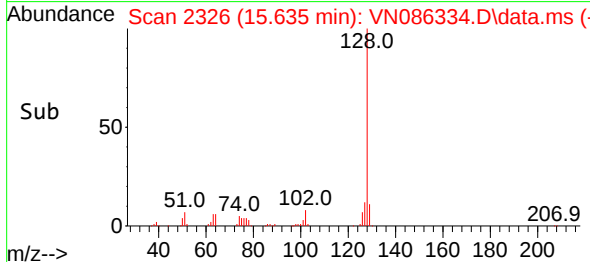
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBS01



Tgt Ion:128 Resp: 155450
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.8 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 22.266 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086334.D
Acq: 18 Apr 2025 11:09

Tgt Ion:180 Resp: 44050
Ion Ratio Lower Upper
180 100
182 95.5 47.3 142.0
145 34.1 17.2 51.5

