

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
 Data File : VN086302.D
 Acq On : 16 Apr 2025 17:15
 Operator : JC\MD
 Sample : Q1760-07ME
 Misc : 5.85g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-15-VOCME

Quant Time: Apr 17 03:08:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	165485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	323576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	311133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	152386	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	120040	50.023	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.040%	
35) Dibromofluoromethane	8.159	113	72295	48.140	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.280%	
50) Toluene-d8	10.559	98	448425	55.871	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.740%	
62) 4-Bromofluorobenzene	12.847	95	196521	67.130	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 134.260%#	

Target Compounds				Qvalue		
3) Chloromethane	2.354	50	9879	3.465	ug/l	95
5) Bromomethane	2.959	94	247	0.202	ug/l	85
10) Methyl Iodide	4.565	142	2621	1.308	ug/l #	86
13) Acrolein	4.159	56	84	Below Cal	#	1
14) Allyl chloride	5.100	41	1190	0.344	ug/l #	55
15) Acrylonitrile	5.795	53	3573	3.301	ug/l #	30
16) Acetone	4.448	43	1029	Below Cal	#	59
17) Carbon Disulfide	4.689	76	1248	0.214	ug/l #	74
18) Methyl Acetate	5.042	43	9591	3.330	ug/l #	81
20) Methylene Chloride	5.259	84	499	0.225	ug/l #	60
23) Vinyl Acetate	6.577	43	1309	0.249	ug/l #	71
25) 2-Butanone	7.483	43	4679	3.133	ug/l #	48
29) Tetrahydrofuran	7.836	42	669	0.670	ug/l #	32
30) Chloroform	7.983	83	796	0.204	ug/l #	1
31) Cyclohexane	8.212	56	154025	39.606	ug/l #	51
36) 1,1-Dichloropropene	8.218	75	14738	4.913	ug/l #	53
37) Ethyl Acetate	7.483	43	4679	1.482	ug/l #	68
38) Carbon Tetrachloride	8.218	117	16614	5.816	ug/l #	17
39) Methylcyclohexane	9.594	83	404789	113.538	ug/l	95
41) Methacrylonitrile	7.718	41	910	0.497	ug/l #	47
43) Isopropyl Acetate	8.694	43	50205	7.123	ug/l #	55
45) 1,2-Dichloropropane	9.594	63	4912	2.088	ug/l #	1
46) Dibromomethane	9.659	93	703	0.469	ug/l #	1
47) Bromodichloromethane	9.871	83	23545	7.273	ug/l #	26
48) Methyl methacrylate	9.588	41	254357	91.721	ug/l #	75
51) 4-Methyl-2-Pentanone	10.335	43	418617	129.455	ug/l #	41
52) Toluene	10.624	92	6509	1.085	ug/l	89
55) 1,1,2-Trichloroethane	11.000	97	104993	48.664	ug/l #	25
56) Ethyl methacrylate	10.853	69	18423	4.645	ug/l	94
58) 2-Chloroethyl Vinyl ether	10.153	63	881	0.468	ug/l #	47
59) 2-Hexanone	11.165	43	156340	65.182	ug/l #	27
61) 1,2-Dibromoethane	11.429	107	1028	0.472	ug/l #	1
67) Ethyl Benzene	11.959	91	757754	60.477	ug/l	99
68) m/p-Xylenes	12.071	106	355813	75.789	ug/l	100
69) o-Xylene	12.394	106	11742	2.529	ug/l	85
71) Bromoform	12.847	173	742	0.430	ug/l #	1

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

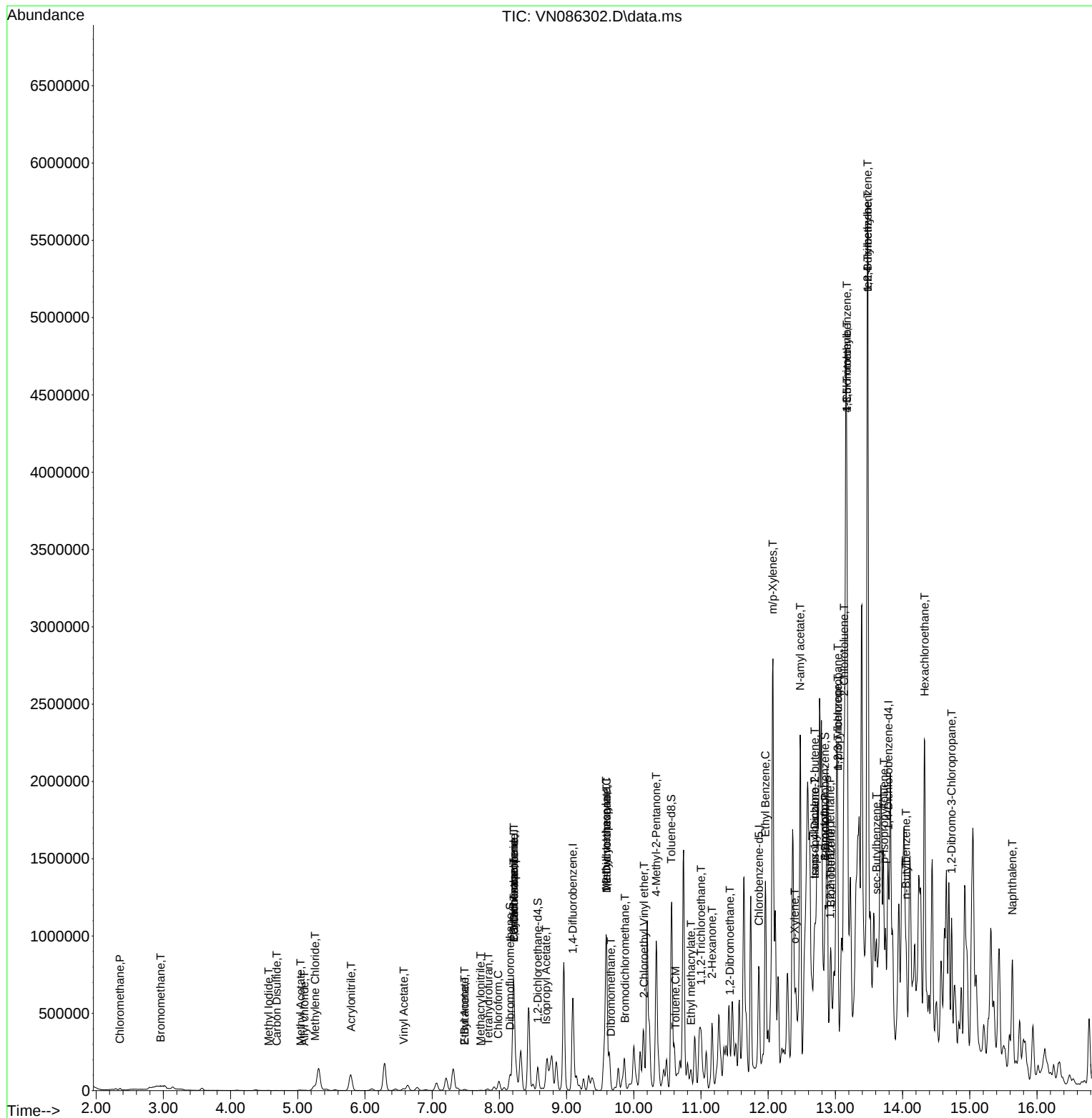
73) Isopropylbenzene	12.694	105	196694	15.779	ug/l	99
74) N-amyl acetate	12.476	43	447670	72.139	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.923	83	20218	5.641	ug/l #	1
76) 1,2,3-Trichloropropane	13.035	75	6043	1.680	ug/l #	1
77) Bromobenzene	12.935	156	594	0.215	ug/l #	1
78) n-propylbenzene	13.035	91	957828	65.207	ug/l	99
79) 2-Chlorotoluene	13.129	91	118249	12.865	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.171	105	604442	59.244	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.694	75	2955	1.973	ug/l #	9
82) 4-Chlorotoluene	13.171	91	74105	8.116	ug/l #	56
83) tert-Butylbenzene	13.482	119	372456	42.131	ug/l #	71
84) 1,2,4-Trimethylbenzene	13.482	105	3006855	289.529	ug/l	99
85) sec-Butylbenzene	13.612	105	158769	12.948	ug/l #	60
86) p-Isopropyltoluene	13.723	119	83837	8.295	ug/l	99
89) n-Butylbenzene	14.053	91	519738	58.015	ug/l #	64
90) Hexachloroethane	14.329	117	89776	52.807	ug/l #	19
92) 1,2-Dibromo-3-Chloropr...	14.729	75	2527	3.497	ug/l #	5
95) Naphthalene	15.635	128	608462	71.209	ug/l	99

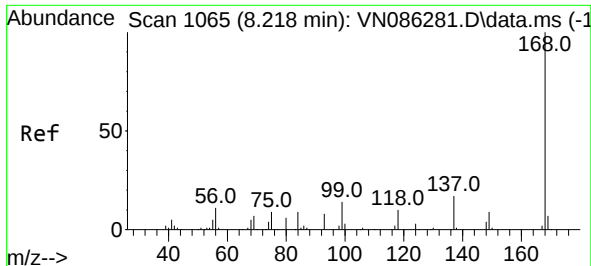
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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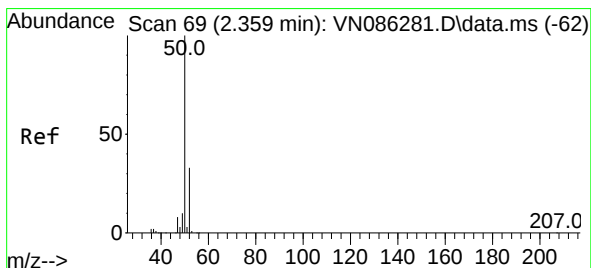
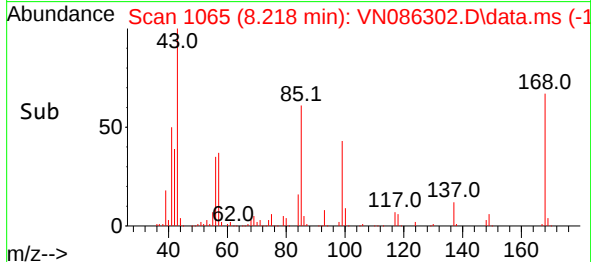
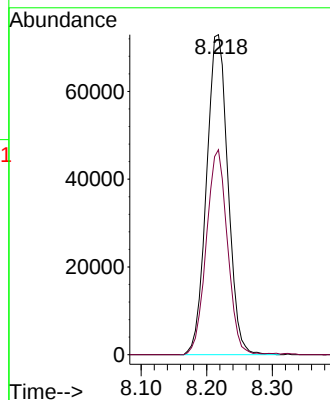
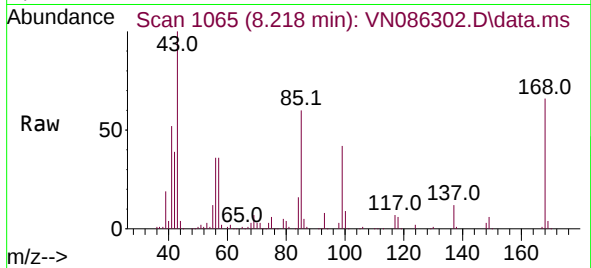




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

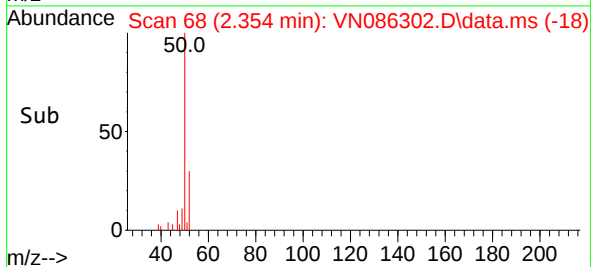
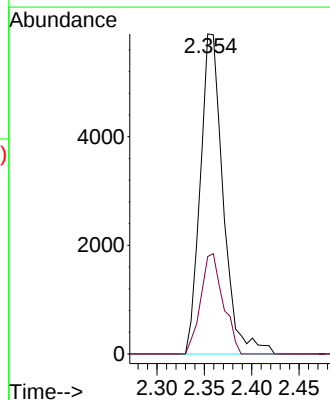
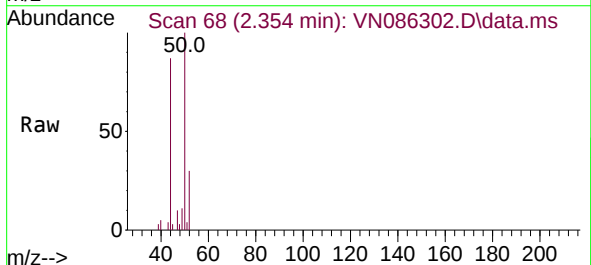
Instrument :
MSVOA_N
ClientSampleId :
TP-15-VOCME

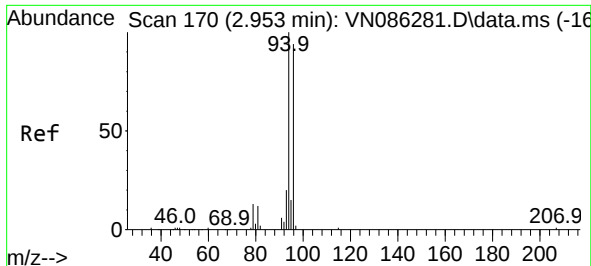
Tgt Ion:168 Resp: 165485
Ion Ratio Lower Upper
168 100
99 64.1 52.5 78.7



#3
Chloromethane
Concen: 3.465 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

Tgt Ion: 50 Resp: 9879
Ion Ratio Lower Upper
50 100
52 30.5 26.5 39.7

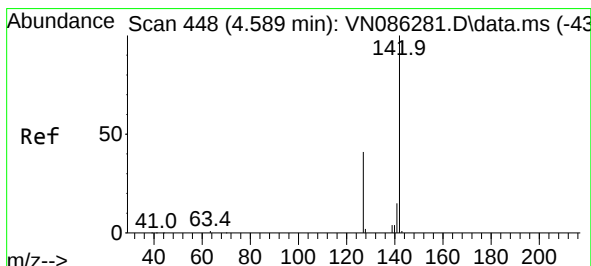
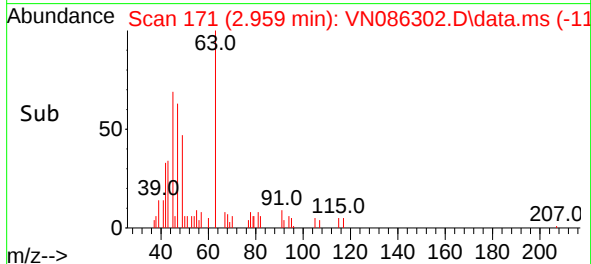
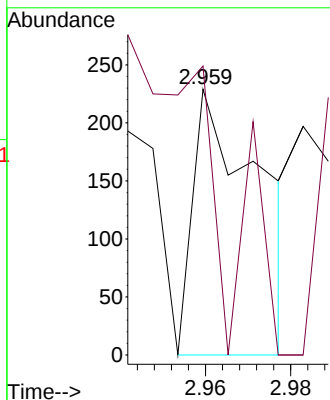
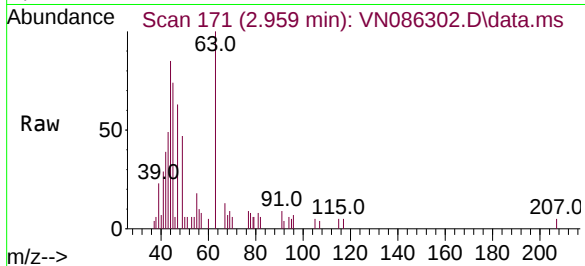




#5
Bromomethane
Concen: 0.202 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

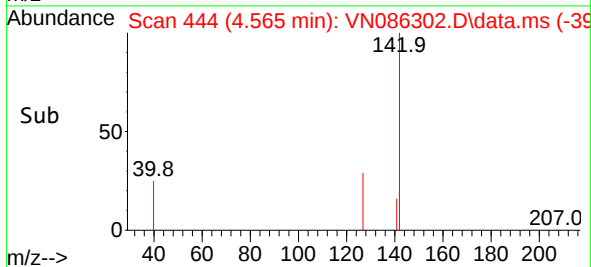
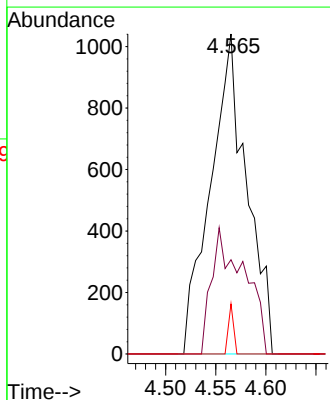
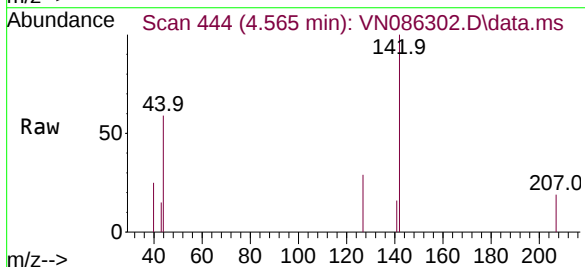
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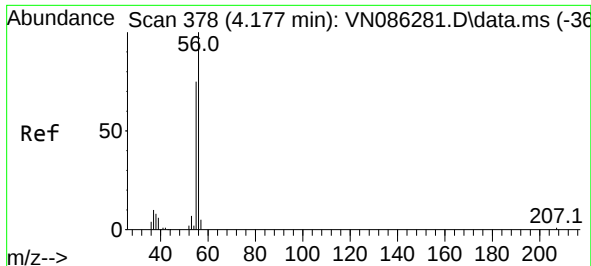
Tgt Ion: 94 Resp: 247
Ion Ratio Lower Upper
94 100
96 108.7 75.2 112.8



#10
Methyl Iodide
Concen: 1.308 ug/l
RT: 4.565 min Scan# 444
Delta R.T. -0.024 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

Tgt Ion:142 Resp: 2621
Ion Ratio Lower Upper
142 100
127 29.5 32.7 49.1#
141 15.7 11.7 17.5

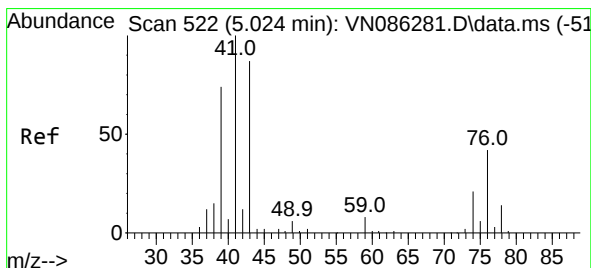
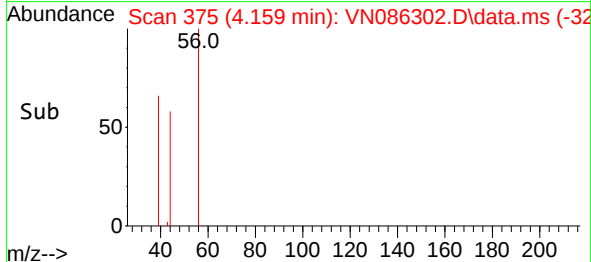
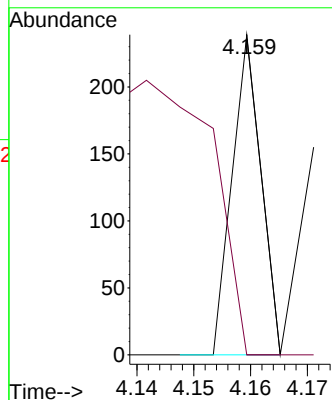
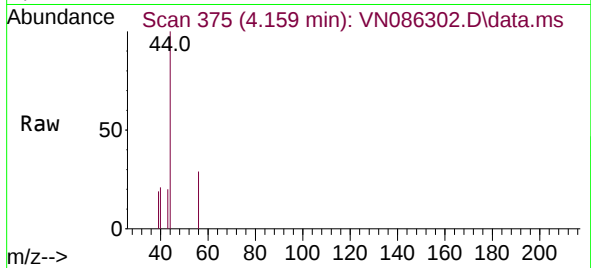




#13
Acrolein
Concen: Below Cal
RT: 4.159 min Scan# 31
Delta R.T. -0.018 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

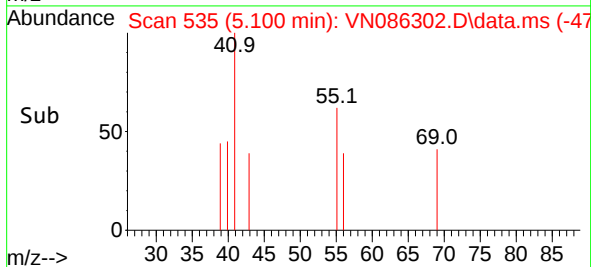
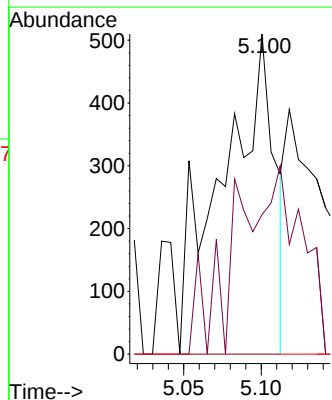
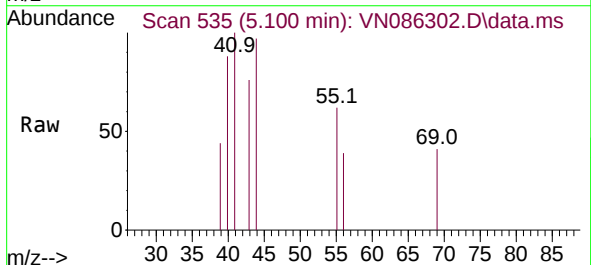
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ClientSampleId :
TP-15-VOCME

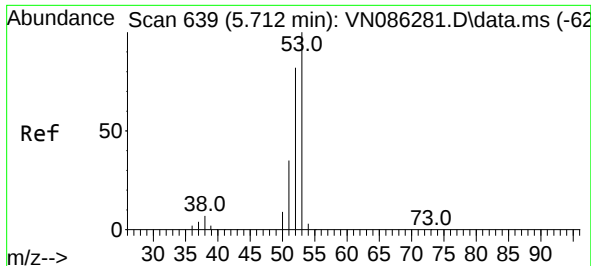
Tgt Ion: 56 Resp: 84
Ion Ratio Lower Upper
56 100
55 202.4 58.5 87.7#



#14
Allyl chloride
Concen: 0.344 ug/l
RT: 5.100 min Scan# 535
Delta R.T. 0.077 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

Tgt Ion: 41 Resp: 1190
Ion Ratio Lower Upper
41 100
39 44.5 59.2 88.8#
76 0.0 31.2 46.8#

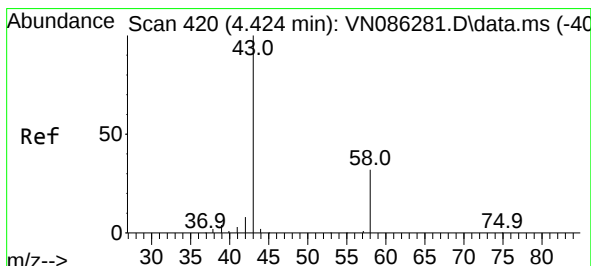
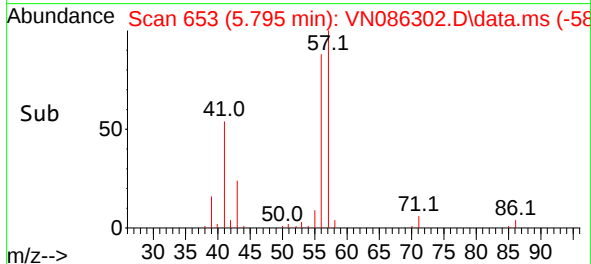
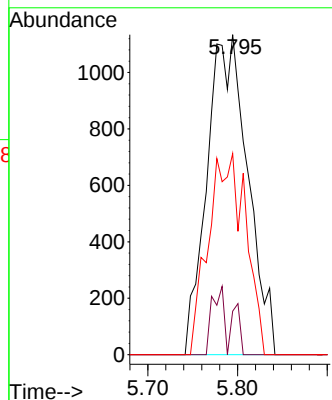
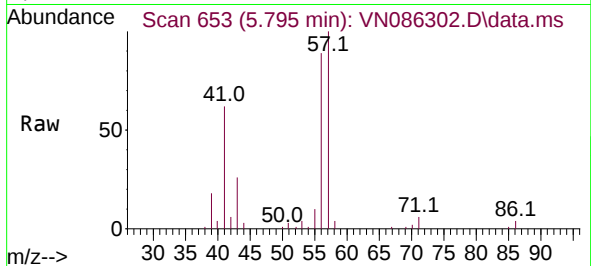




#15
Acrylonitrile
Concen: 3.301 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.082 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

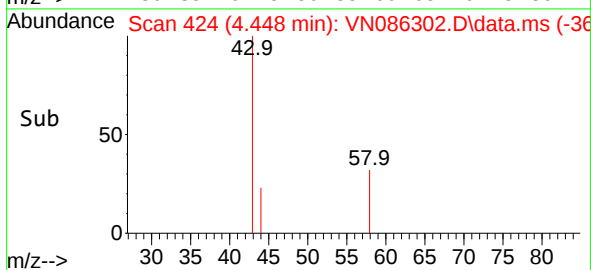
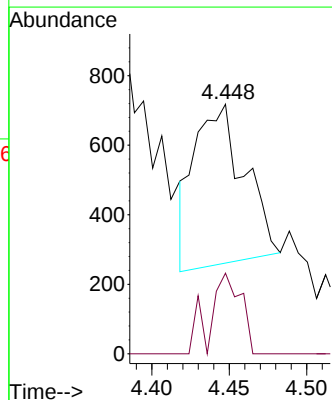
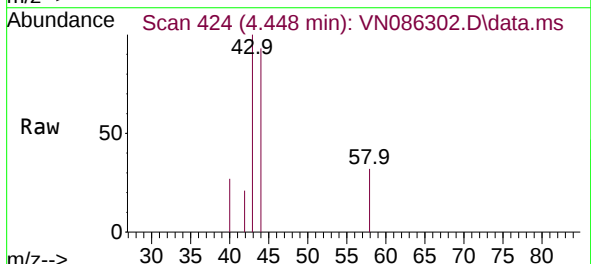
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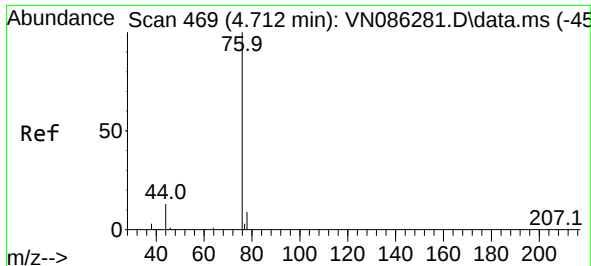
Tgt Ion: 53 Resp: 3573
Ion Ratio Lower Upper
53 100
52 6.2 65.5 98.3#
51 57.6 28.6 42.8#



#16
Acetone
Concen: Below Cal
RT: 4.448 min Scan# 424
Delta R.T. 0.024 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

Tgt Ion: 43 Resp: 1029
Ion Ratio Lower Upper
43 100
58 54.3 25.3 37.9#

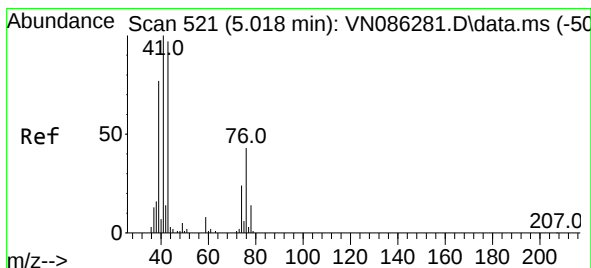
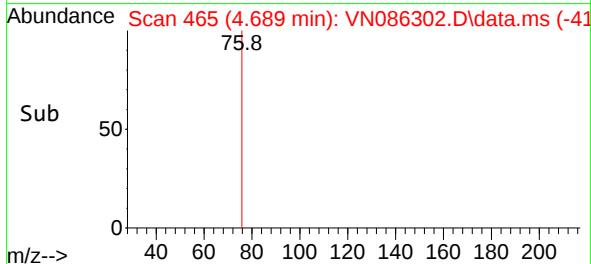
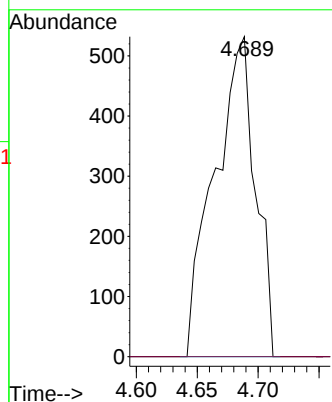
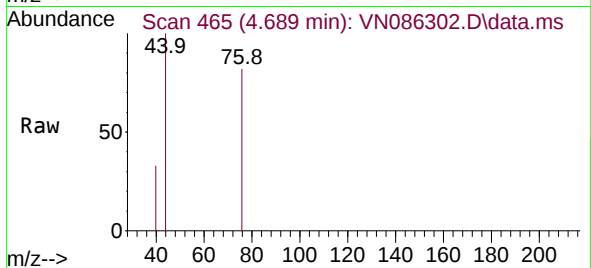




#17
Carbon Disulfide
Concen: 0.214 ug/l
RT: 4.689 min Scan# 465
Delta R.T. -0.024 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

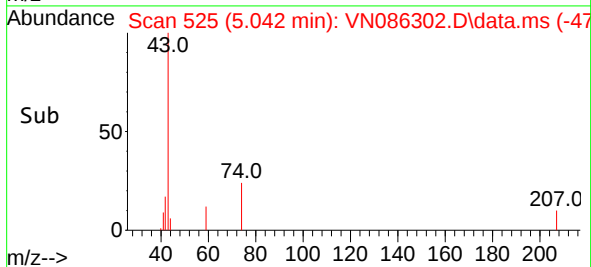
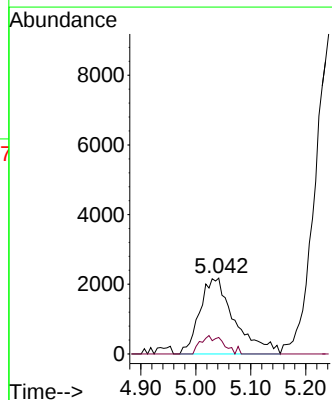
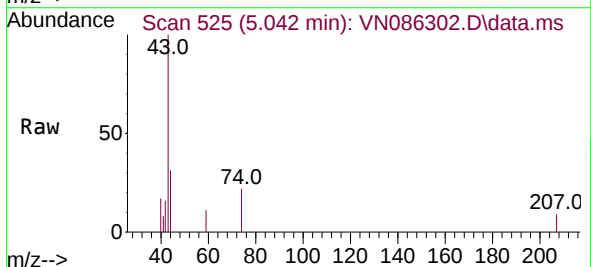
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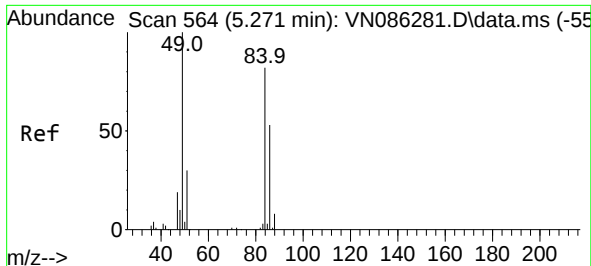
Tgt Ion: 76 Resp: 1248
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#



#18
Methyl Acetate
Concen: 3.330 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.024 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

Tgt Ion: 43 Resp: 9591
Ion Ratio Lower Upper
43 100
74 15.1 19.8 29.6#

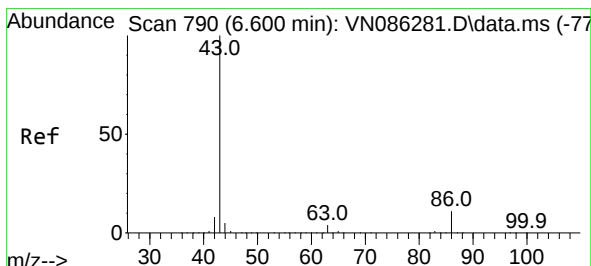
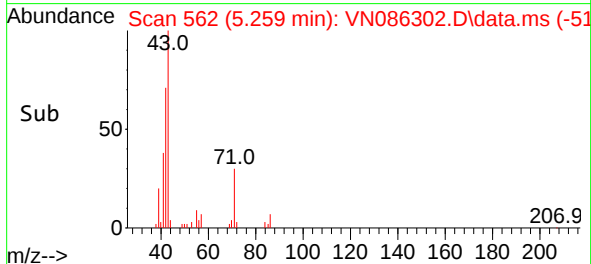
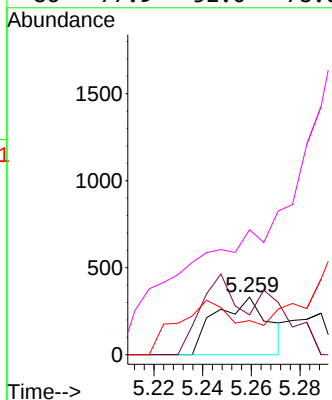
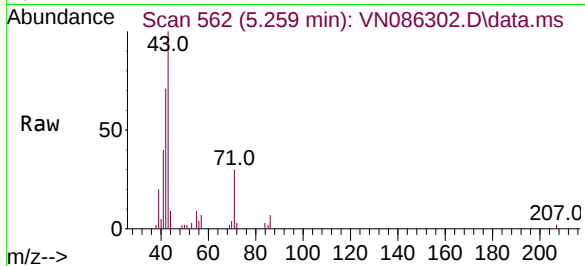




#20
Methylene Chloride
Concen: 0.225 ug/l
RT: 5.259 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

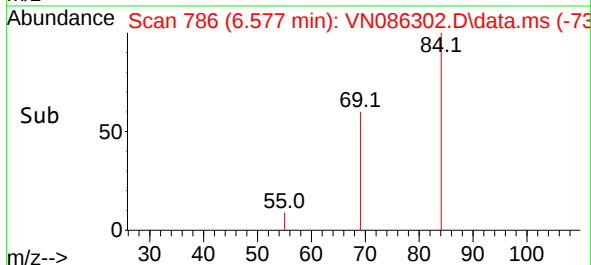
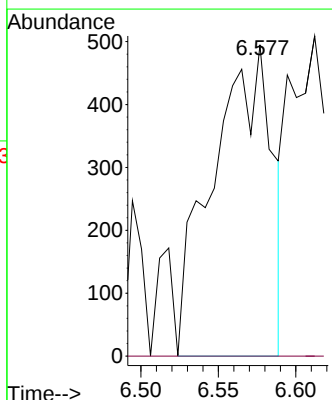
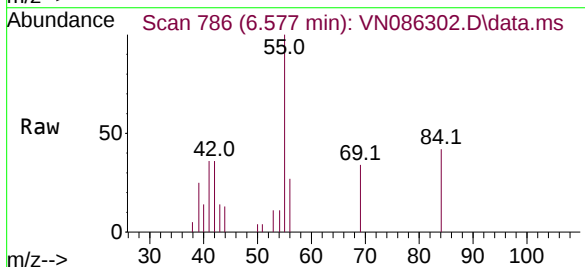
Instrument :
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ClientSampleId :
TP-15-VOCME

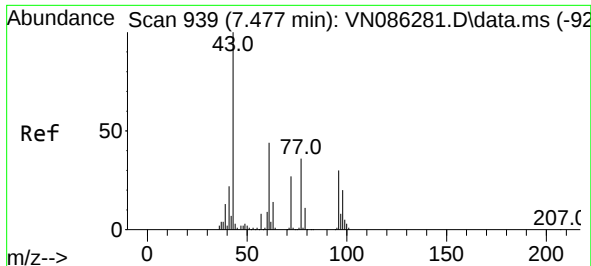
Tgt Ion: 84 Resp: 499
Ion Ratio Lower Upper
84 100
49 69.2 98.2 147.2#
51 4.8 29.8 44.6#
86 77.9 52.0 78.0



#23
Vinyl Acetate
Concen: 0.249 ug/l
RT: 6.577 min Scan# 786
Delta R.T. -0.024 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

Tgt Ion: 43 Resp: 1309
Ion Ratio Lower Upper
43 100
86 0.0 8.6 13.0#

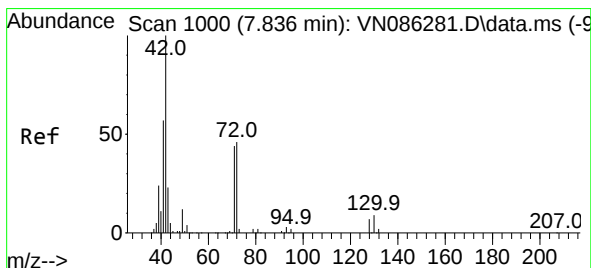
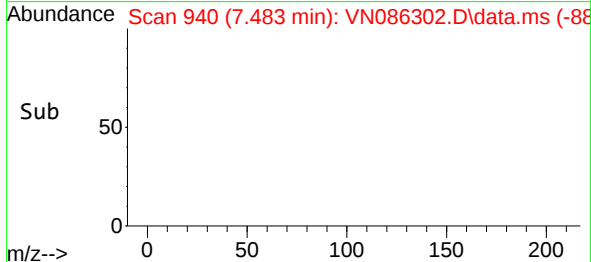
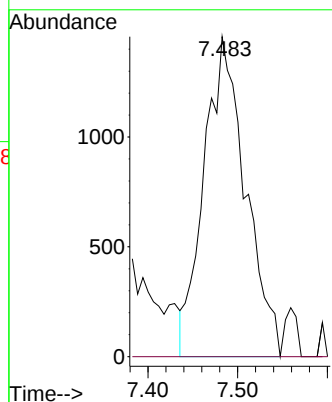
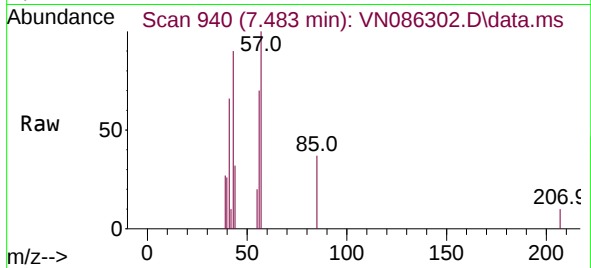




#25
2-Butanone
Concen: 3.133 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

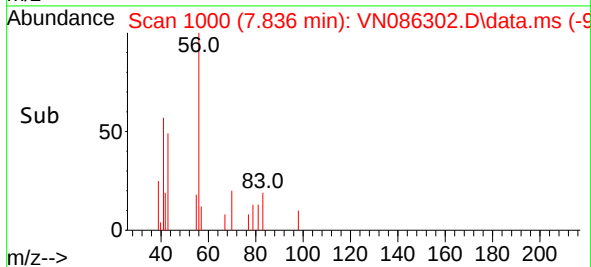
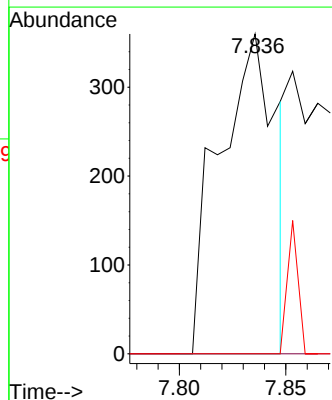
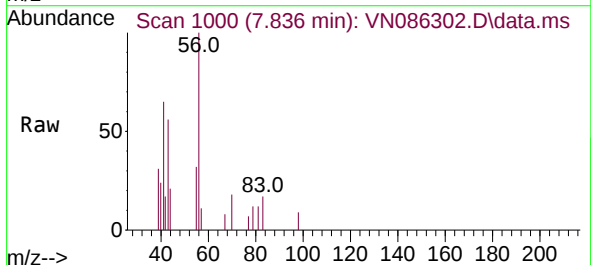
Instrument :
MSVOA_N
ClientSampleId :
TP-15-VOCME

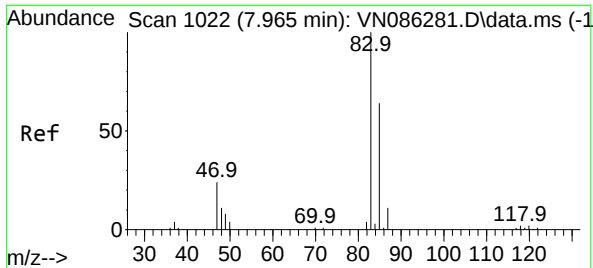
Tgt Ion: 43 Resp: 4679
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#29
Tetrahydrofuran
Concen: 0.670 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

Tgt Ion: 42 Resp: 669
Ion Ratio Lower Upper
42 100
72 0.0 36.2 54.4#
71 0.0 34.0 51.0#

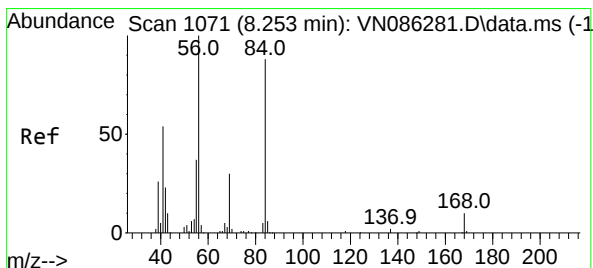
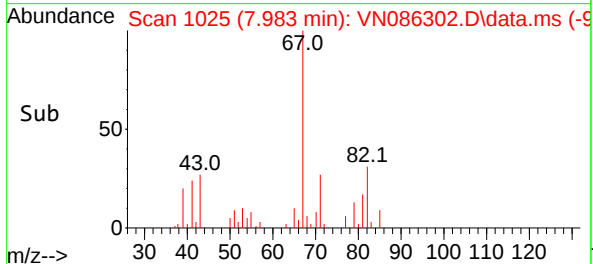
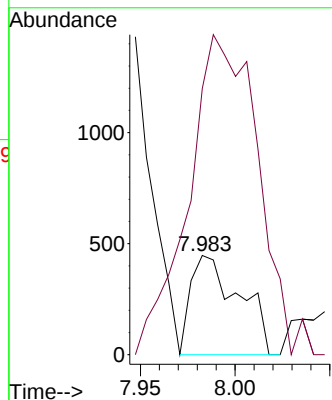
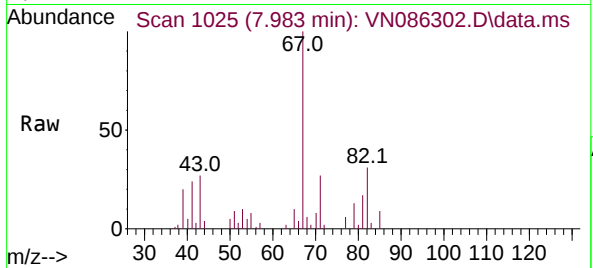




#30
Chloroform
Concen: 0.204 ug/l
RT: 7.983 min Scan# 1064
Delta R.T. 0.018 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

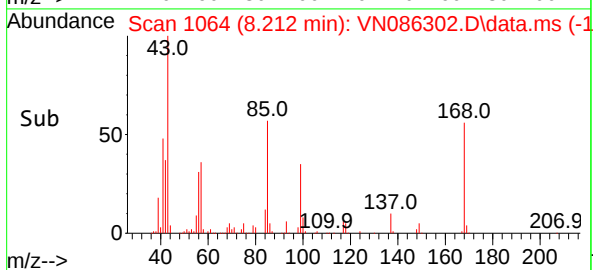
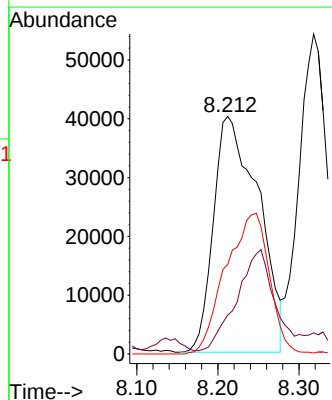
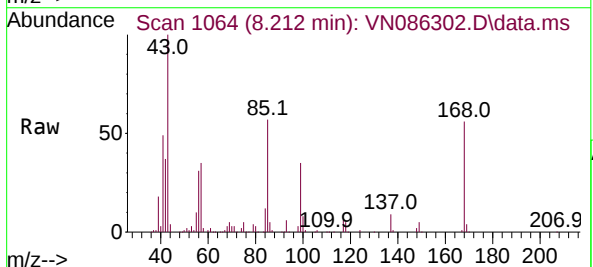
Instrument :
MSVOA_N
ClientSampleId :
TP-15-VOCME

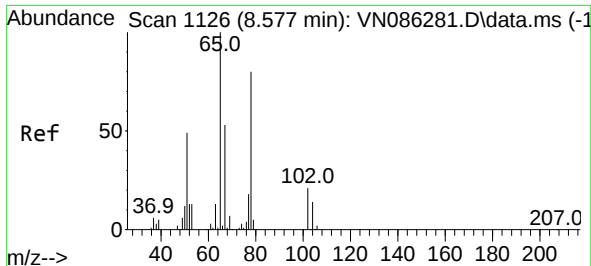
Tgt Ion: 83 Resp: 796
Ion Ratio Lower Upper
83 100
85 191.5 51.5 77.3#



#31
Cyclohexane
Concen: 39.606 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.041 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

Tgt Ion: 56 Resp: 154025
Ion Ratio Lower Upper
56 100
69 12.0 24.2 36.2#
84 37.9 70.3 105.5#





#33

1,2-Dichloroethane-d4

Concen: 50.023 ug/l

RT: 8.571 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN086302.D

Acq: 16 Apr 2025 17:15

Instrument :

MSVOA_N

ClientSampleId :

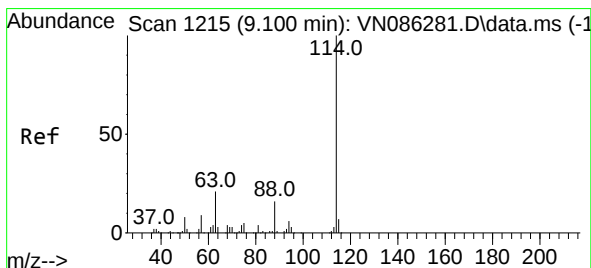
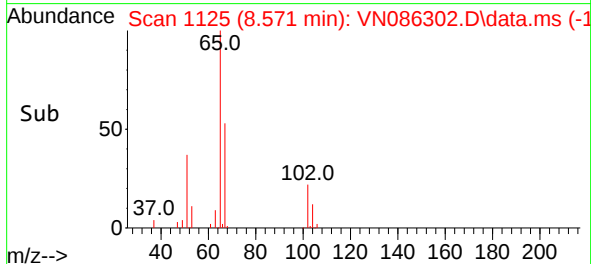
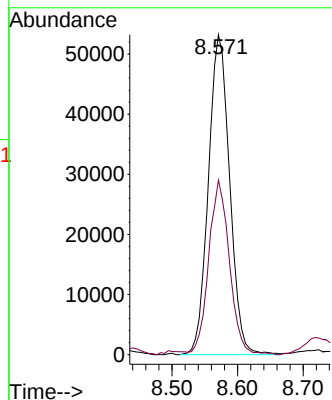
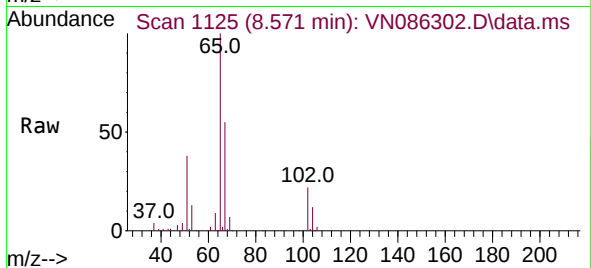
TP-15-VOCME

Tgt Ion: 65 Resp: 120040

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086302.D

Acq: 16 Apr 2025 17:15

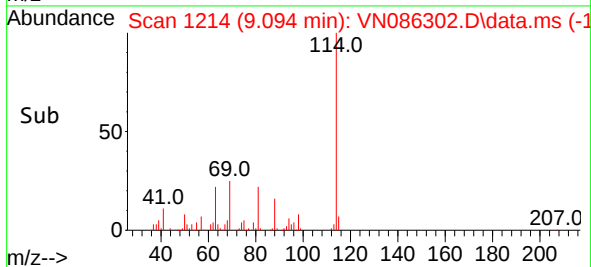
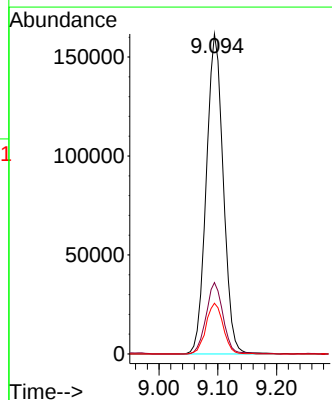
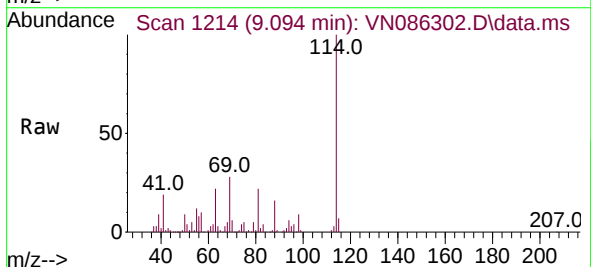
Tgt Ion: 114 Resp: 323576

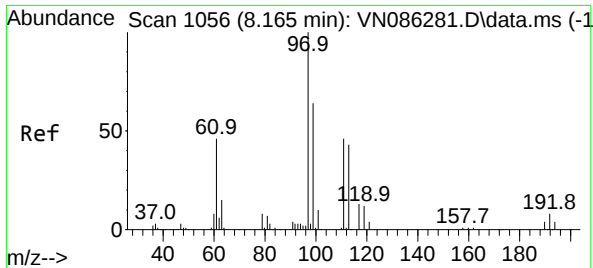
Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.6

88 15.9 0.0 31.8

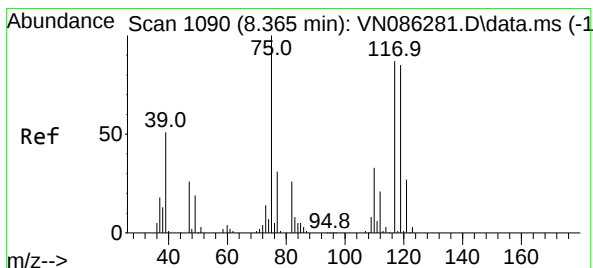
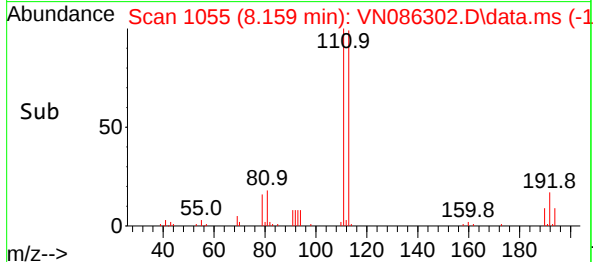
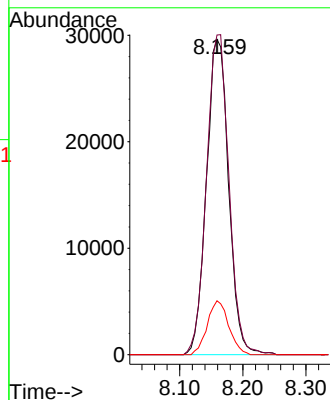
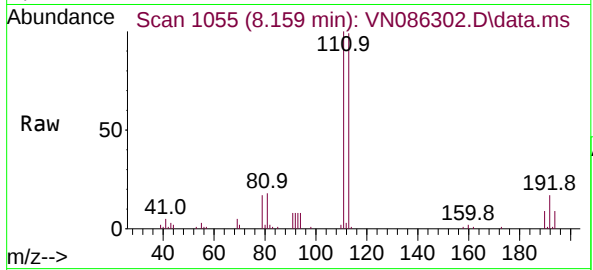




#35
 Dibromofluoromethane
 Concen: 48.140 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN086302.D
 Acq: 16 Apr 2025 17:15

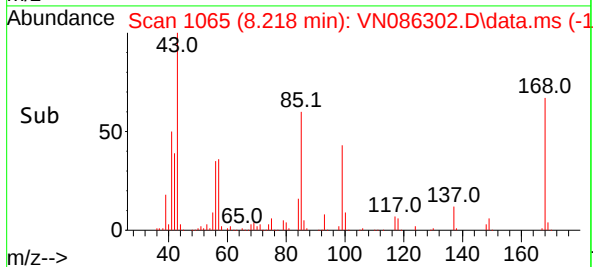
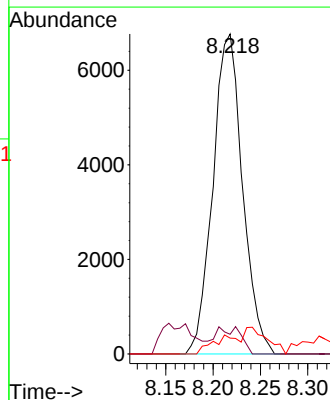
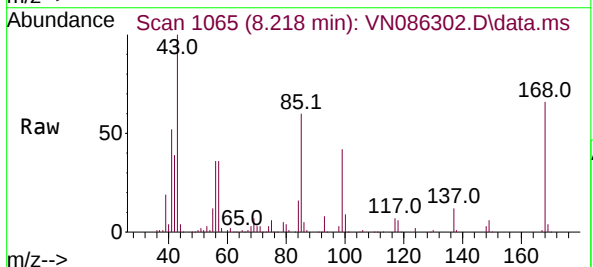
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-15-VOCME

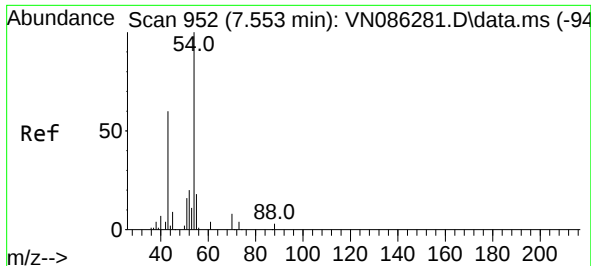
Tgt Ion:113 Resp: 72295
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.4 125.0
 192 16.5 13.7 20.5



#36
 1,1-Dichloropropene
 Concen: 4.913 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.147 min
 Lab File: VN086302.D
 Acq: 16 Apr 2025 17:15

Tgt Ion: 75 Resp: 14738
 Ion Ratio Lower Upper
 75 100
 110 7.1 16.8 50.4#
 77 5.1 24.9 37.3#





#37

Ethyl Acetate

Concen: 1.482 ug/l

RT: 7.483 min Scan# 94

Delta R.T. -0.071 min

Lab File: VN086302.D

Acq: 16 Apr 2025 17:15

Instrument :

MSVOA_N

ClientSampleId :

TP-15-VOCME

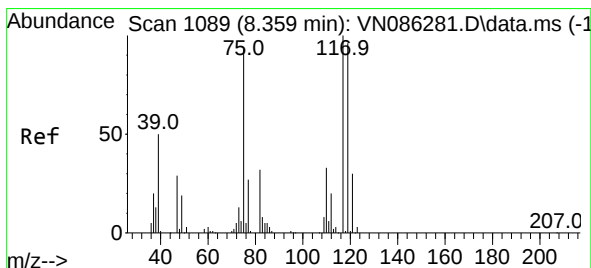
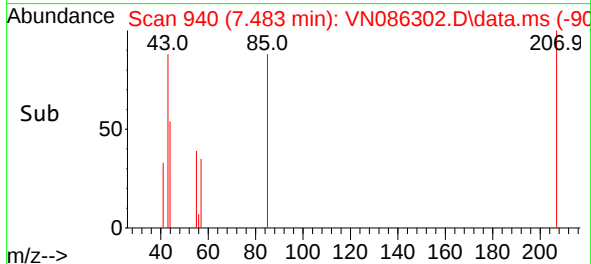
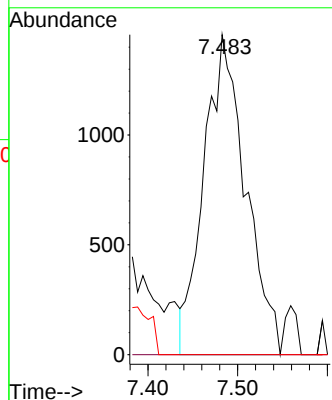
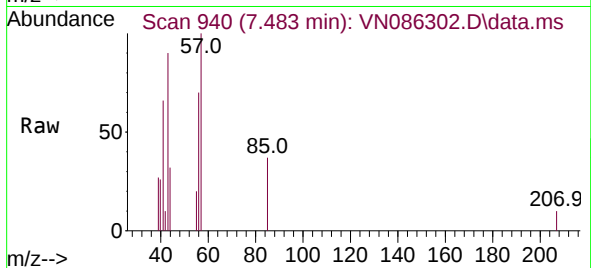
Tgt Ion: 43 Resp: 4679

Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

70 0.0 9.2 13.8#



#38

Carbon Tetrachloride

Concen: 5.816 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN086302.D

Acq: 16 Apr 2025 17:15

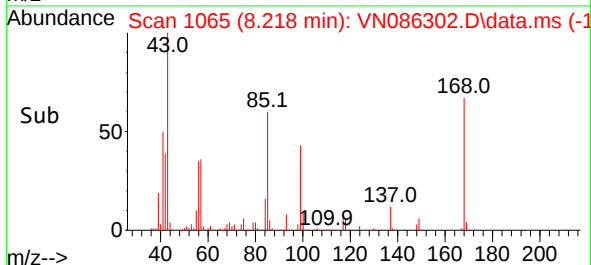
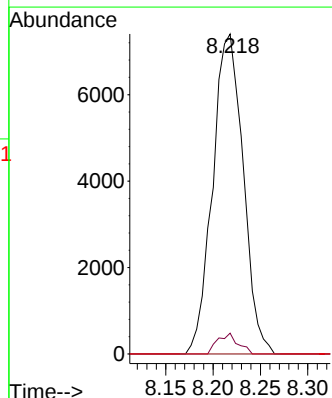
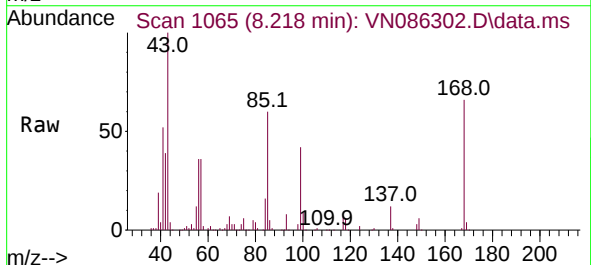
Tgt Ion: 117 Resp: 16614

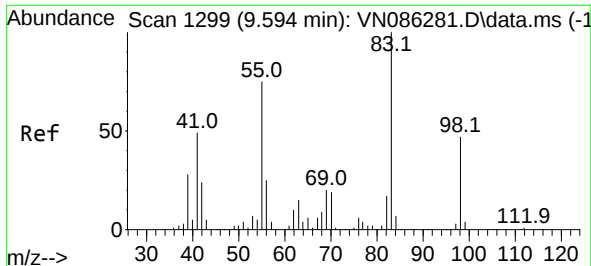
Ion Ratio Lower Upper

117 100

119 6.5 76.8 115.2#

121 0.0 23.8 35.8#





#39

Methylcyclohexane

Concen: 113.538 ug/l

RT: 9.594 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086302.D

Acq: 16 Apr 2025 17:15

Instrument :

MSVOA_N

ClientSampleId :

TP-15-VOCME

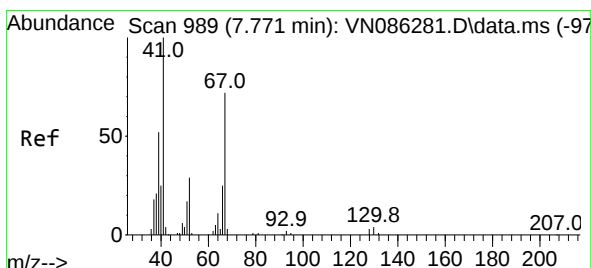
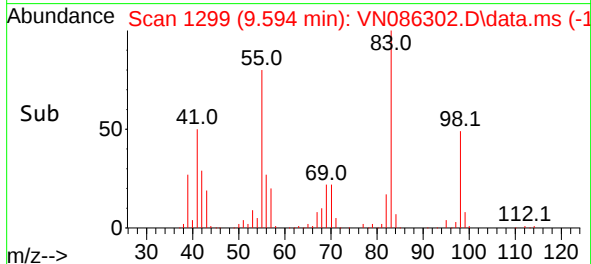
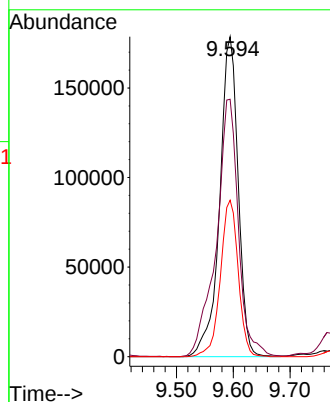
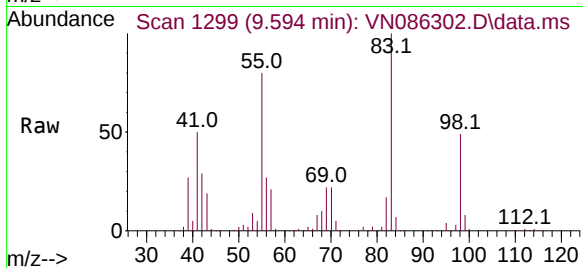
Tgt Ion: 83 Resp: 404789

Ion Ratio Lower Upper

83 100

55 80.5 59.8 89.8

98 48.9 37.9 56.9



#41

Methacrylonitrile

Concen: 0.497 ug/l

RT: 7.718 min Scan# 980

Delta R.T. -0.053 min

Lab File: VN086302.D

Acq: 16 Apr 2025 17:15

Tgt Ion: 41 Resp: 910

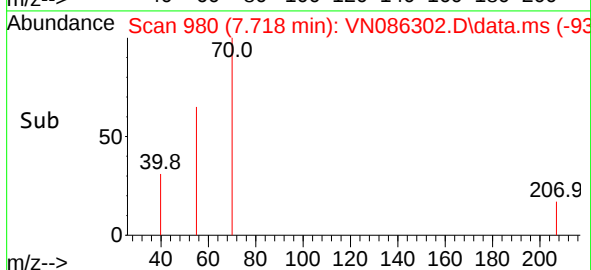
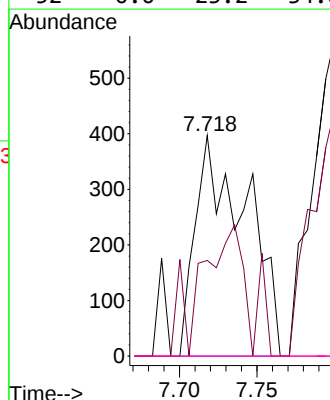
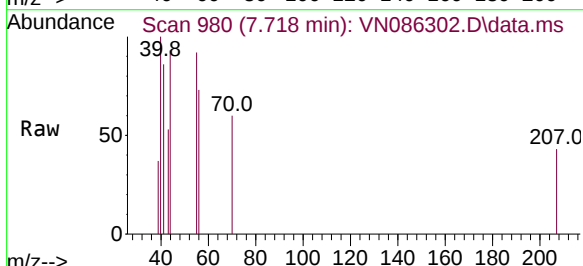
Ion Ratio Lower Upper

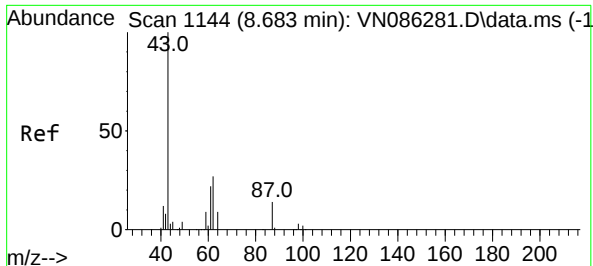
41 100

39 49.2 43.0 64.4

67 0.0 58.8 88.2#

52 0.0 23.2 34.8#

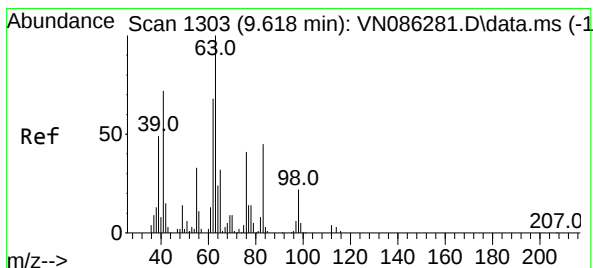
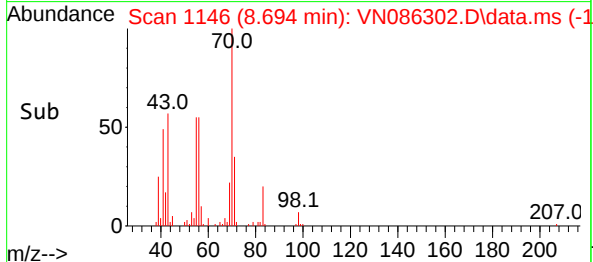
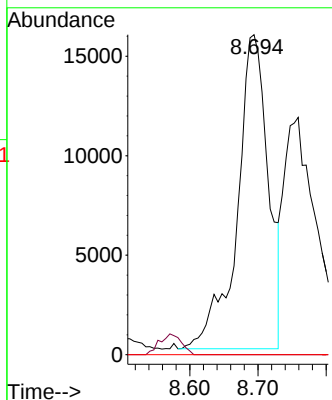
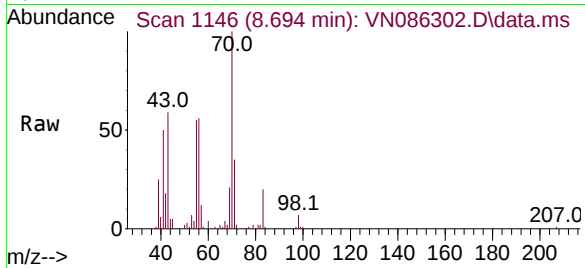




#43
Isopropyl Acetate
Concen: 7.123 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.011 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

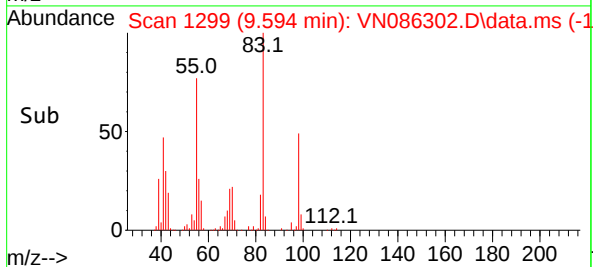
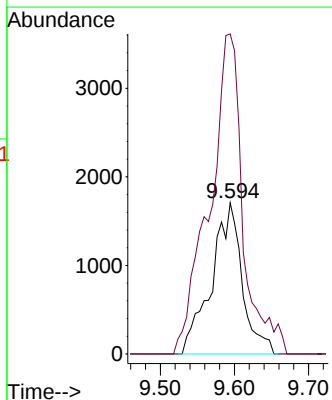
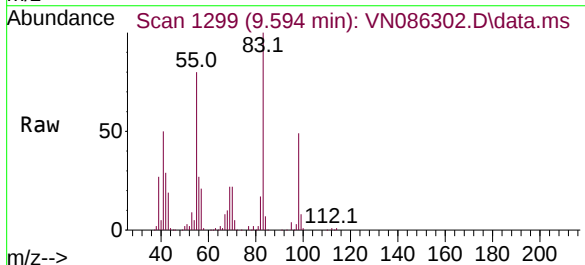
Instrument :
MSVOA_N
ClientSampleId :
TP-15-VOCME

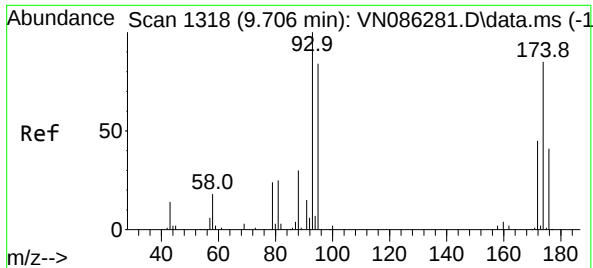
Tgt Ion: 43 Resp: 50205
Ion Ratio Lower Upper
43 100
61 0.0 20.5 30.7#
87 0.0 10.5 15.7#



#45
1,2-Dichloropropane
Concen: 2.088 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.024 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

Tgt Ion: 63 Resp: 4912
Ion Ratio Lower Upper
63 100
65 201.9 25.4 38.2#

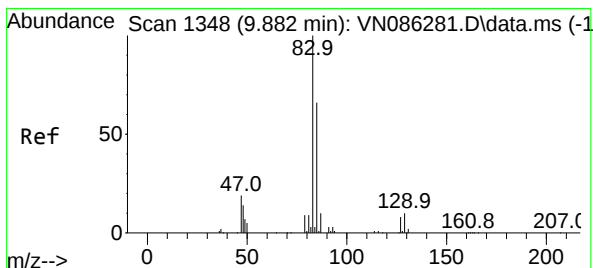
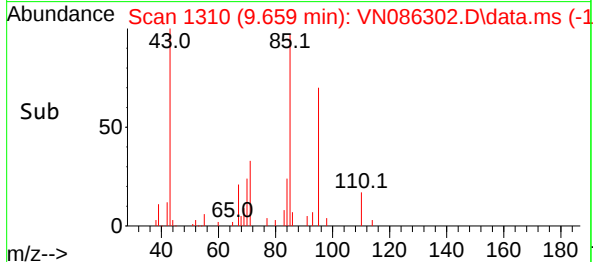
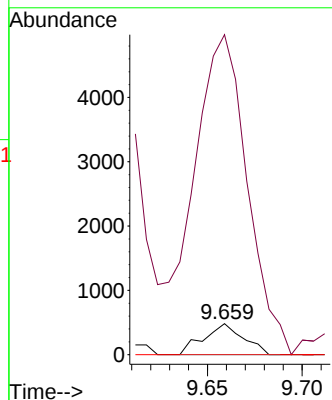
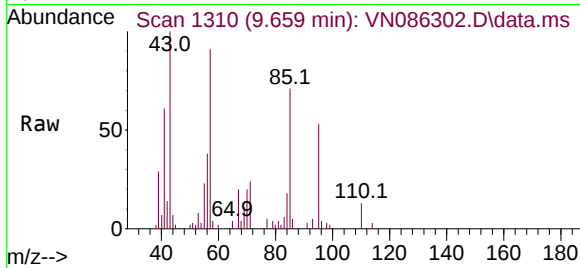




#46
Dibromomethane
Concen: 0.469 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.047 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

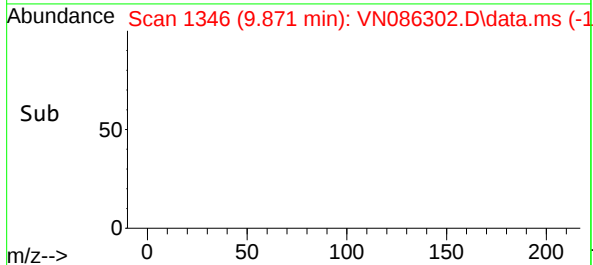
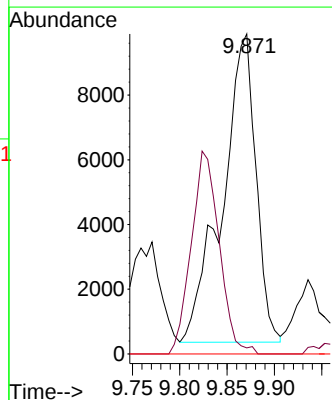
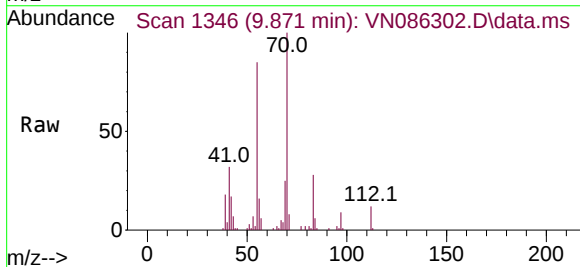
Instrument :
MSVOA_N
ClientSampleId :
TP-15-VOCME

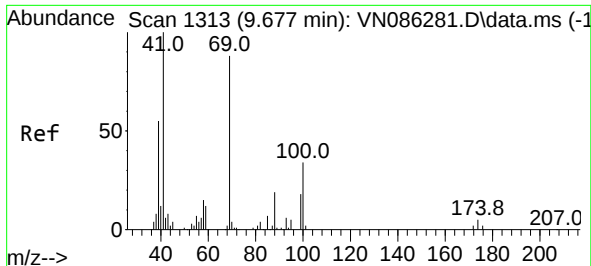
Tgt Ion: 93 Resp: 703
Ion Ratio Lower Upper
93 100
95 1357.6 66.2 99.4#
174 0.0 67.8 101.6#



#47
Bromodichloromethane
Concen: 7.273 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.012 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

Tgt Ion: 83 Resp: 23545
Ion Ratio Lower Upper
83 100
85 2.0 52.6 78.8#
127 0.0 6.1 9.1#

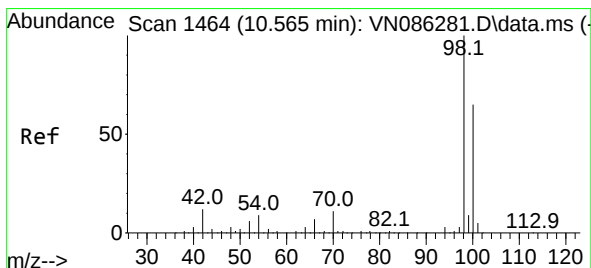
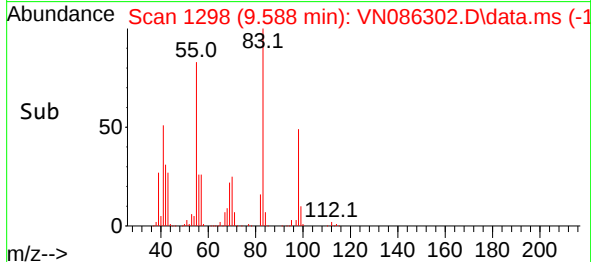
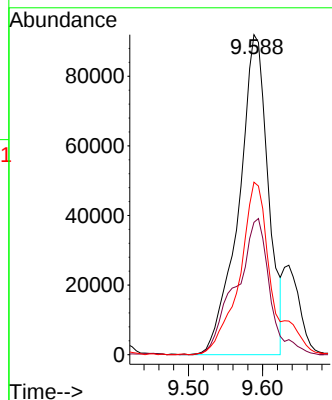
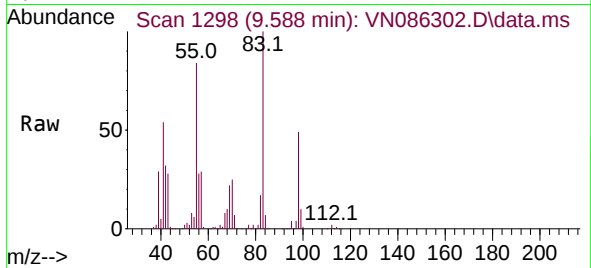




#48
Methyl methacrylate
Concen: 91.721 ug/l
RT: 9.588 min Scan# 11
Delta R.T. -0.088 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

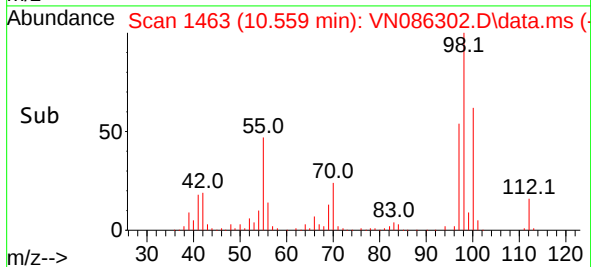
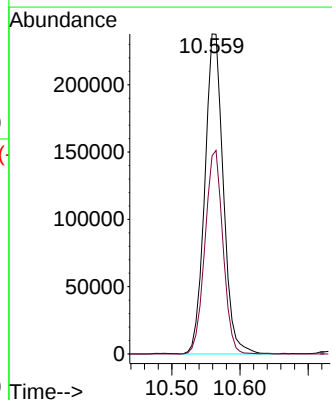
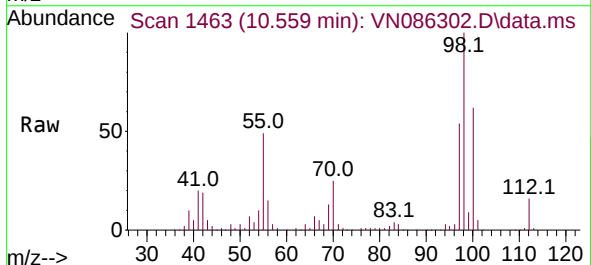
Instrument :
MSVOA_N
ClientSampleId :
TP-15-VOCME

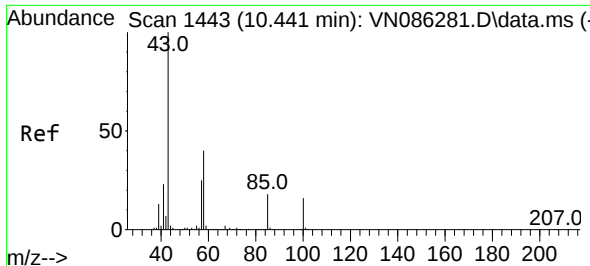
Tgt Ion: 41 Resp: 254357
Ion Ratio Lower Upper
41 100
69 48.9 68.2 102.2#
39 58.6 45.2 67.8



#50
Toluene-d8
Concen: 55.871 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

Tgt Ion: 98 Resp: 448425
Ion Ratio Lower Upper
98 100
100 61.8 52.5 78.7

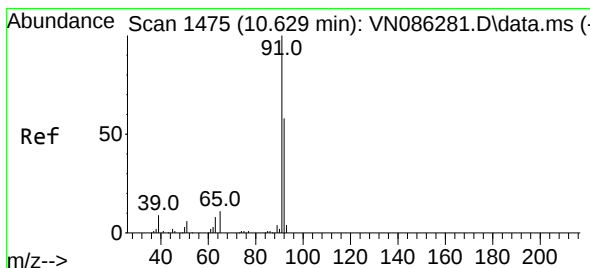
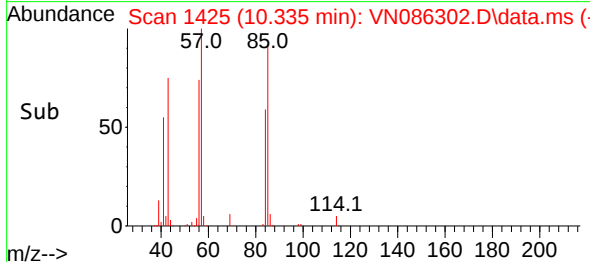
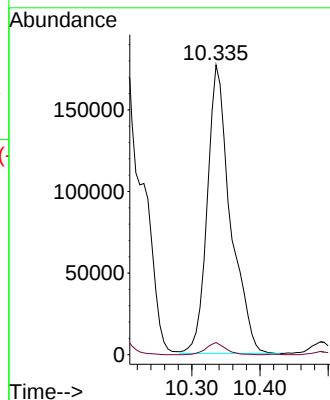
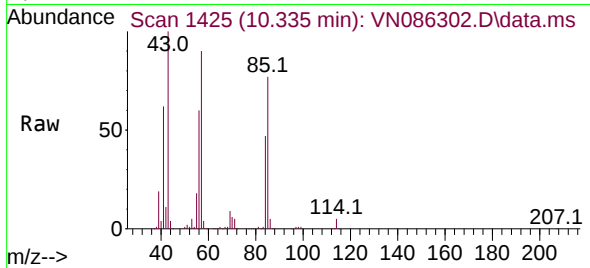




#51
4-Methyl-2-Pentanone
Concen: 129.455 ug/l
RT: 10.335 min Scan# 1443
Delta R.T. -0.106 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

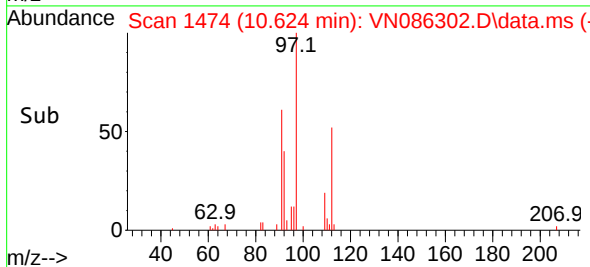
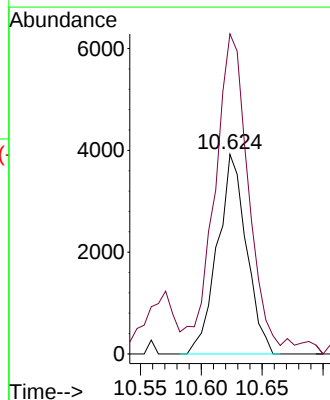
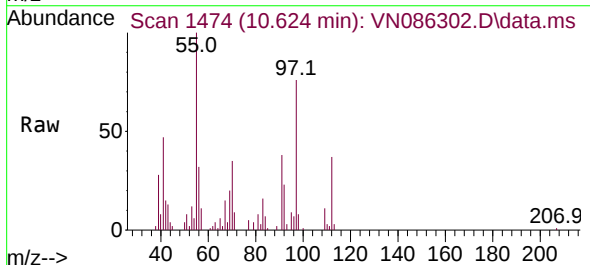
Instrument :
MSVOA_N
ClientSampleId :
TP-15-VOCME

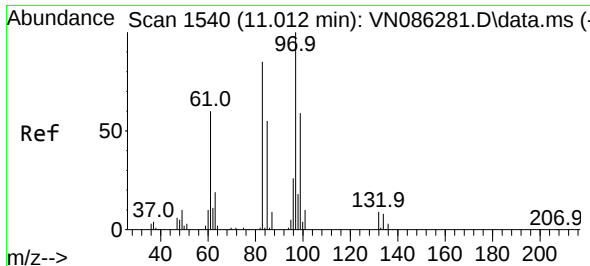
Tgt Ion: 43 Resp: 418617
Ion Ratio Lower Upper
43 100
58 3.5 32.2 48.4#



#52
Toluene
Concen: 1.085 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

Tgt Ion: 92 Resp: 6509
Ion Ratio Lower Upper
92 100
91 187.3 137.3 205.9

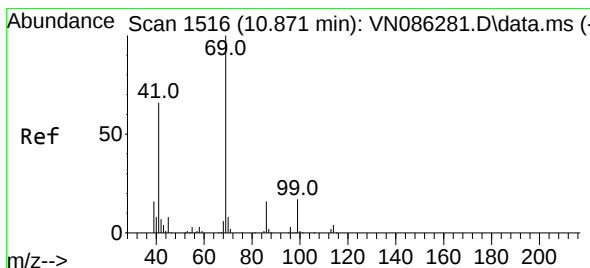
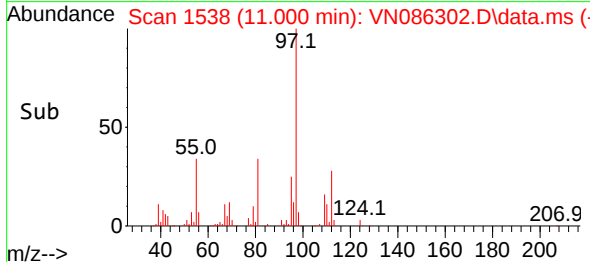
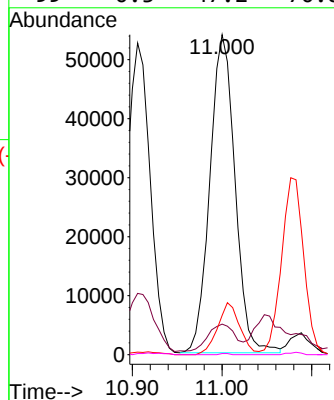
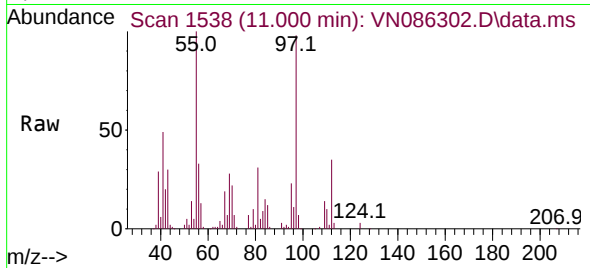




#55
1,1,2-Trichloroethane
Concen: 48.664 ug/l
RT: 11.000 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

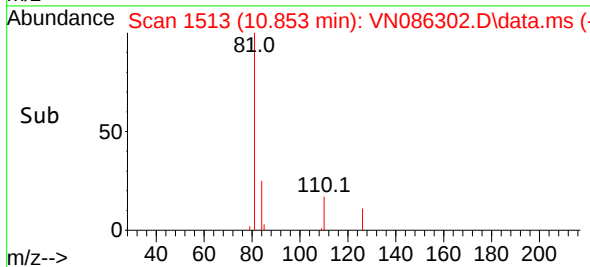
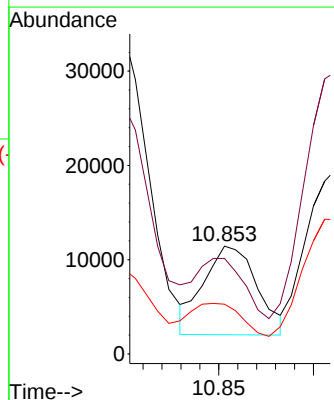
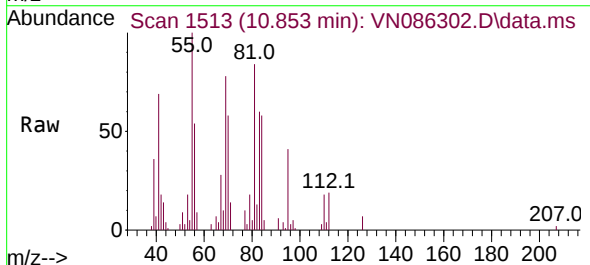
Instrument :
MSVOA_N
ClientSampleId :
TP-15-VOCME

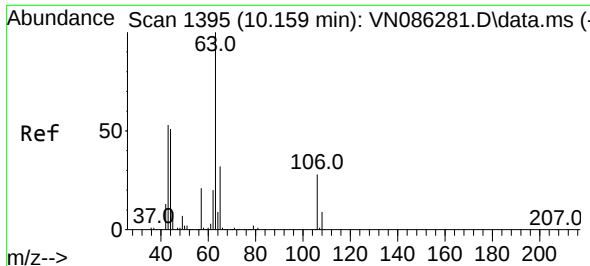
Tgt Ion: 97 Resp: 104993
Ion Ratio Lower Upper
97 100
83 8.4 68.4 102.6#
85 12.3 43.9 65.9#
99 0.3 47.2 70.8#



#56
Ethyl methacrylate
Concen: 4.645 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.018 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

Tgt Ion: 69 Resp: 18423
Ion Ratio Lower Upper
69 100
41 60.2 51.7 77.5
39 36.9 26.3 39.5

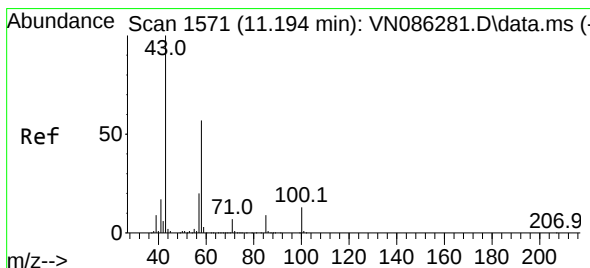
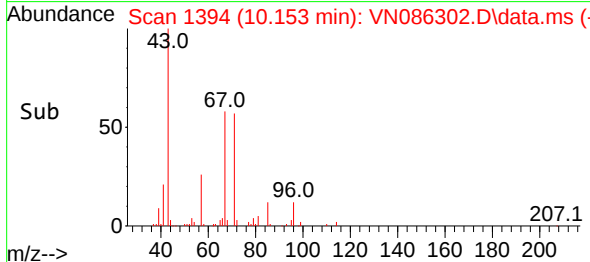
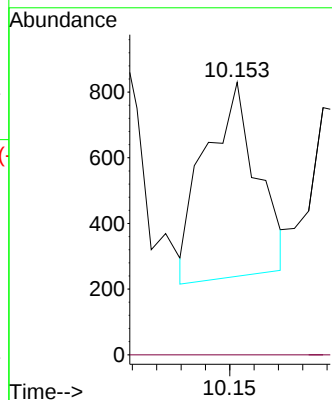
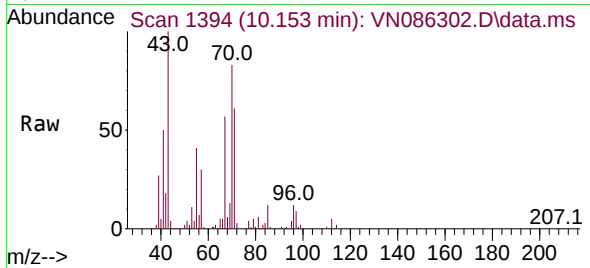




#58
2-Chloroethyl Vinyl ether
Concen: 0.468 ug/l
RT: 10.153 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

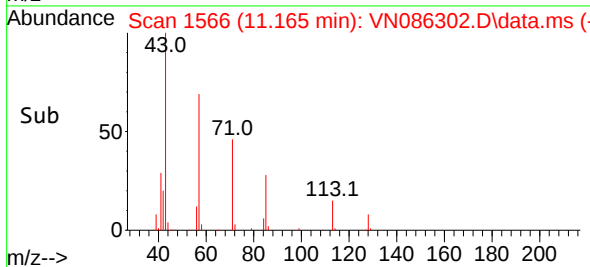
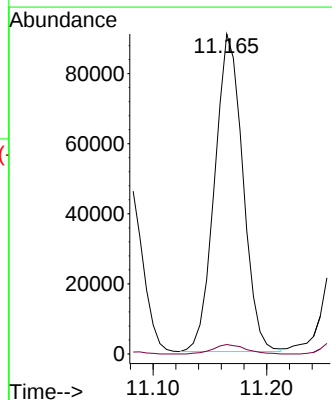
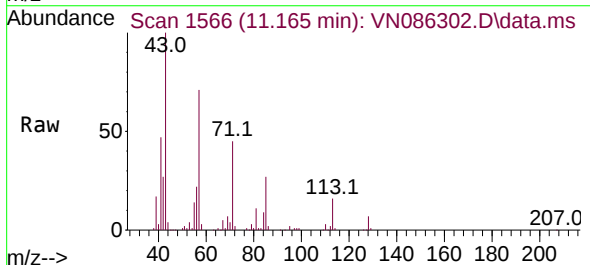
Instrument :
MSVOA_N
ClientSampleId :
TP-15-VOCME

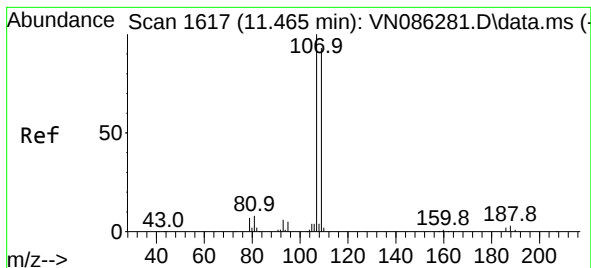
Tgt Ion: 63 Resp: 881
Ion Ratio Lower Upper
63 100
106 0.0 22.2 33.2#



#59
2-Hexanone
Concen: 65.182 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.029 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

Tgt Ion: 43 Resp: 156340
Ion Ratio Lower Upper
43 100
58 3.4 28.3 85.0#

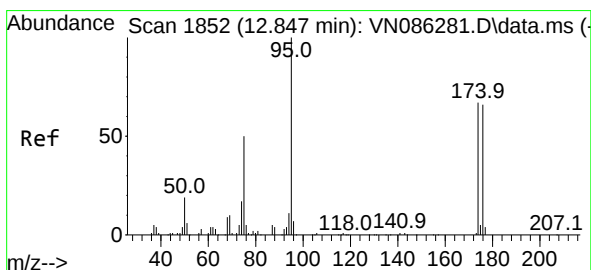
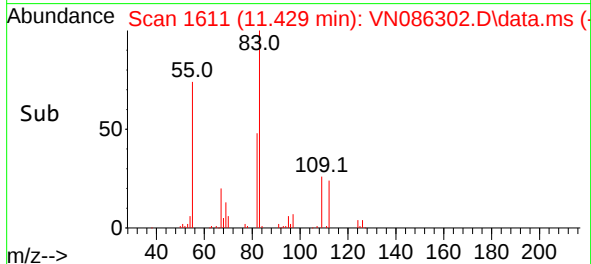
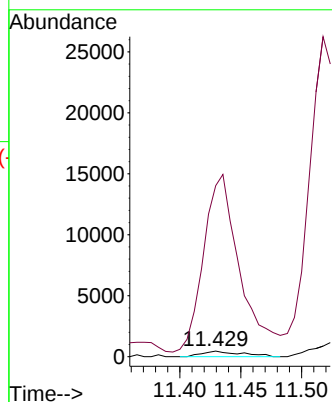
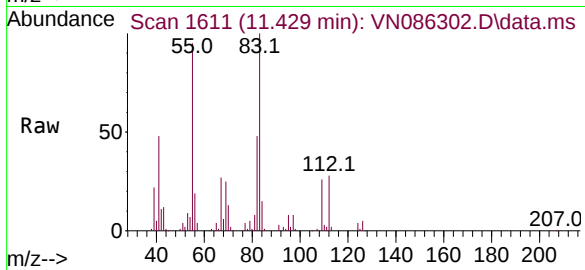




#61
1,2-Dibromoethane
Concen: 0.472 ug/l
RT: 11.429 min Scan# 1611
Delta R.T. -0.035 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

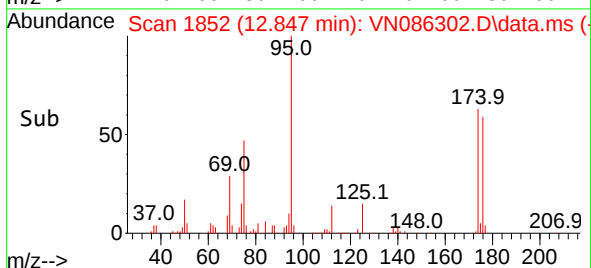
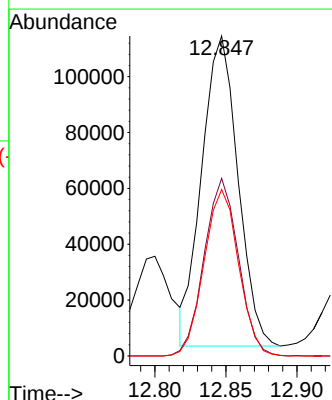
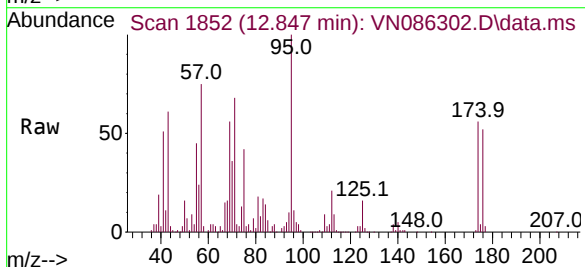
Instrument :
MSVOA_N
ClientSampleId :
TP-15-VOCME

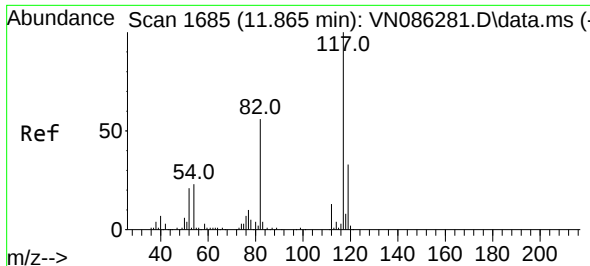
Tgt Ion:107 Resp: 1028
Ion Ratio Lower Upper
107 100
109 2925.5 75.4 113.0#



#62
4-Bromofluorobenzene
Concen: 67.130 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

Tgt Ion: 95 Resp: 196521
Ion Ratio Lower Upper
95 100
174 54.2 0.0 133.4
176 51.4 0.0 129.2

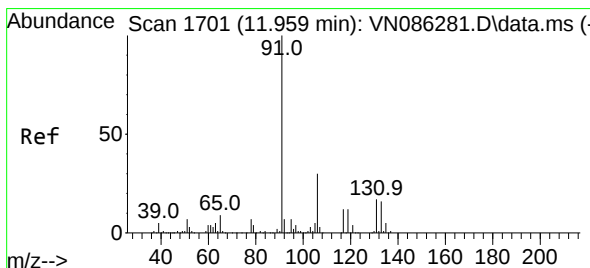
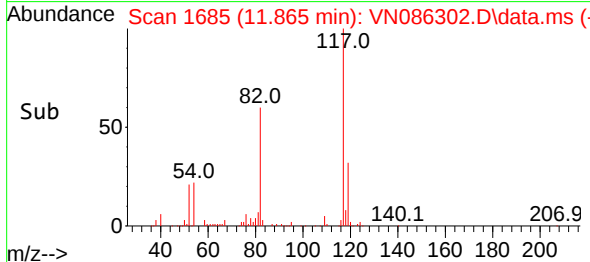
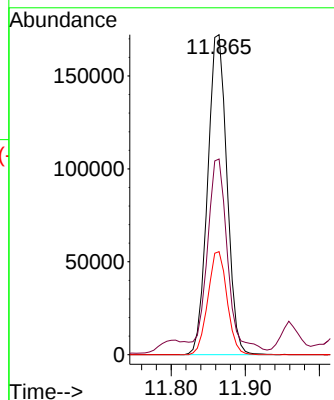
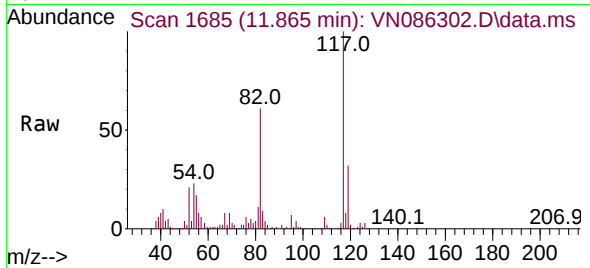




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

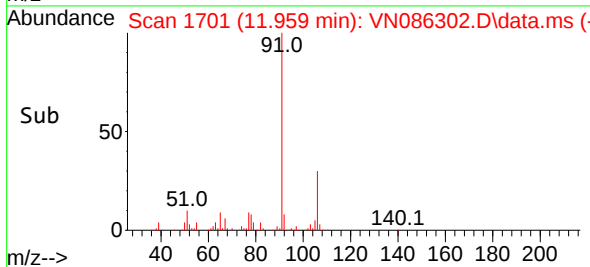
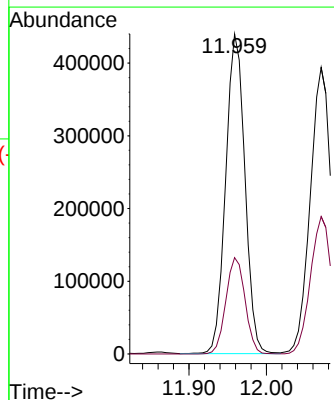
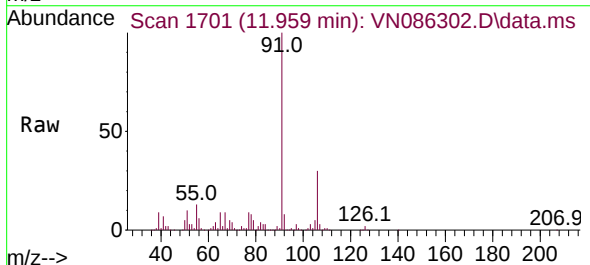
Instrument :
MSVOA_N
ClientSampleId :
TP-15-VOCME

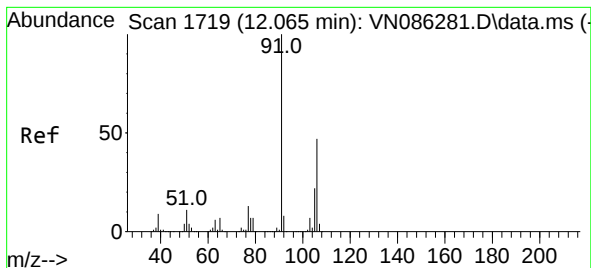
Tgt Ion:117 Resp: 311133
Ion Ratio Lower Upper
117 100
82 57.1 44.7 67.1
119 32.2 26.4 39.6



#67
Ethyl Benzene
Concen: 60.477 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

Tgt Ion: 91 Resp: 757754
Ion Ratio Lower Upper
91 100
106 30.1 24.3 36.5

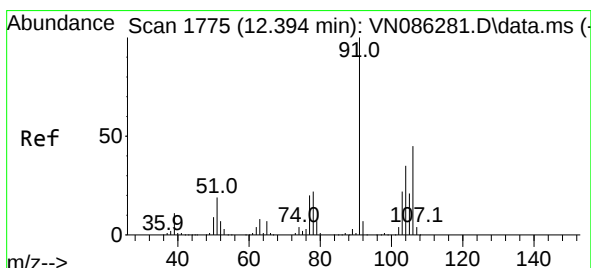
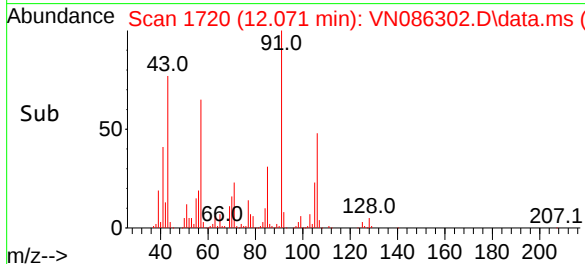
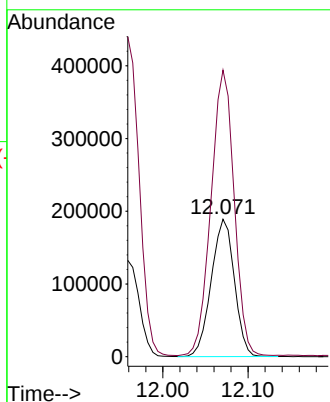
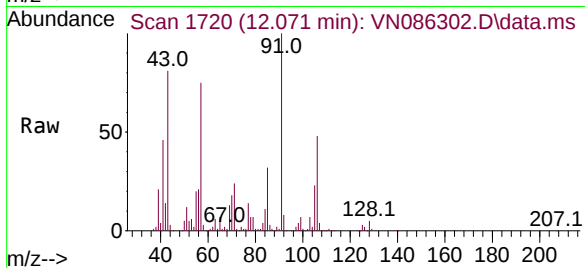




#68
m/p-Xylenes
Concen: 75.789 ug/l
RT: 12.071 min Scan# 1719
Delta R.T. 0.006 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

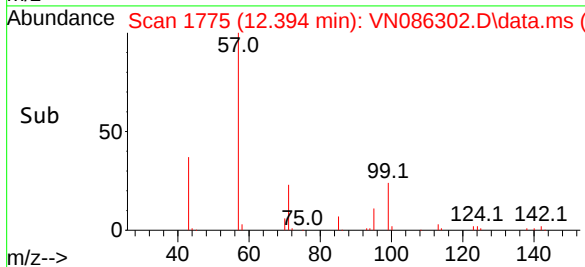
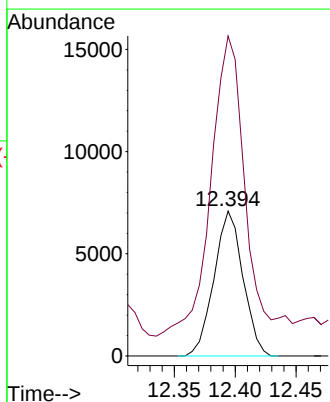
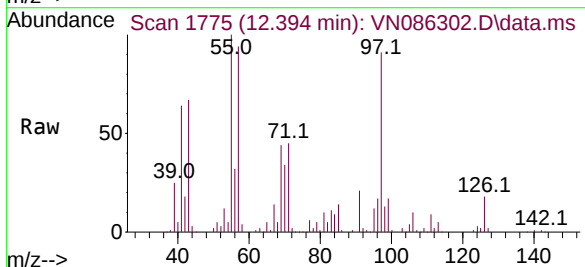
Instrument :
MSVOA_N
ClientSampleId :
TP-15-VOCME

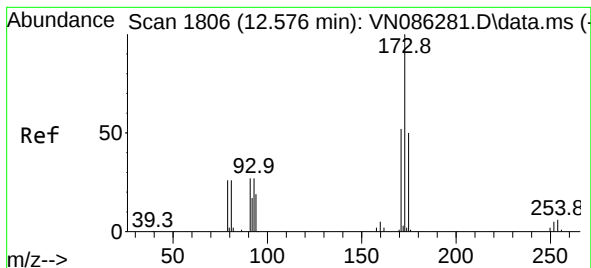
Tgt Ion:106 Resp: 355813
Ion Ratio Lower Upper
106 100
91 207.9 166.5 249.7



#69
o-Xylene
Concen: 2.529 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

Tgt Ion:106 Resp: 11742
Ion Ratio Lower Upper
106 100
91 244.1 109.7 329.0





#71

Bromoform

Concen: 0.430 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.271 min

Lab File: VN086302.D

Acq: 16 Apr 2025 17:15

Instrument :

MSVOA_N

ClientSampleId :

TP-15-VOCME

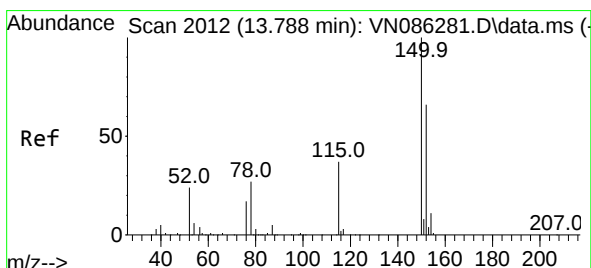
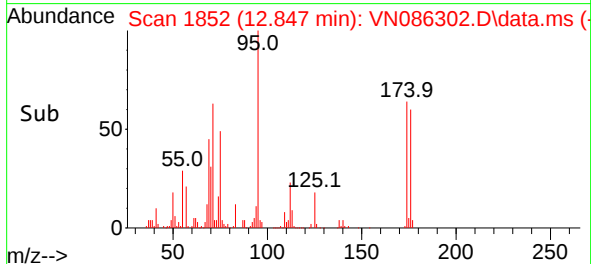
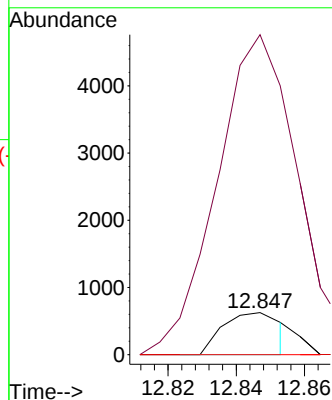
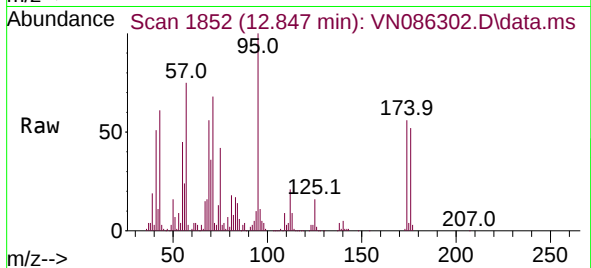
Tgt Ion:173 Resp: 742

Ion Ratio Lower Upper

173 100

175 858.2 24.6 73.6#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN086302.D

Acq: 16 Apr 2025 17:15

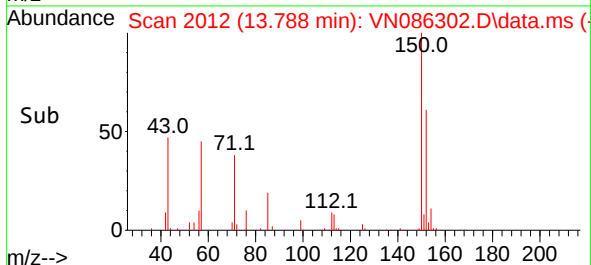
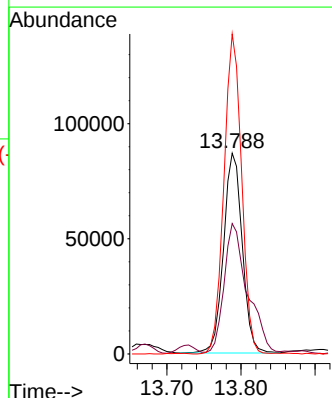
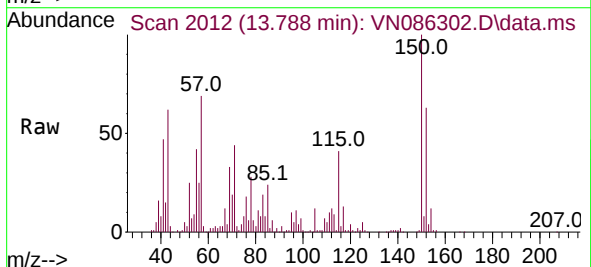
Tgt Ion:152 Resp: 152386

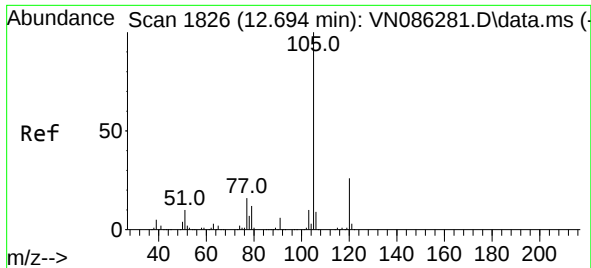
Ion Ratio Lower Upper

152 100

115 79.4 31.9 95.9

150 151.0 0.0 352.0

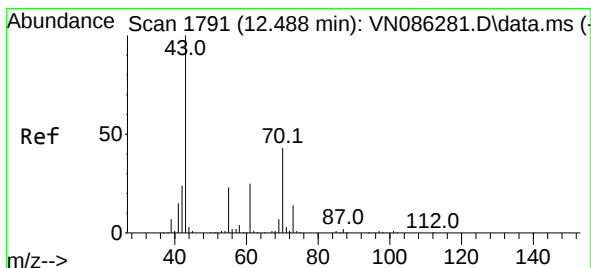
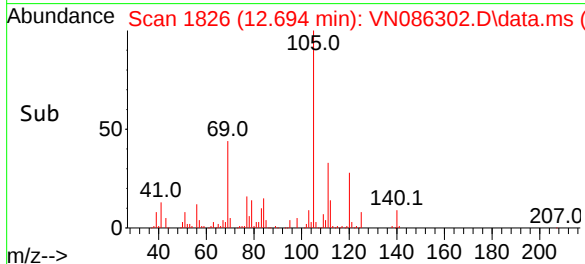
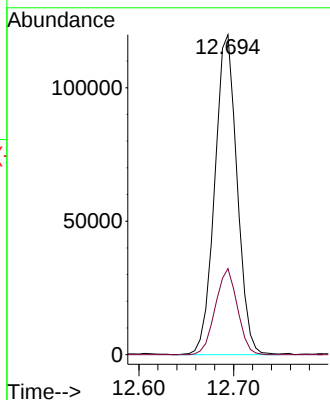
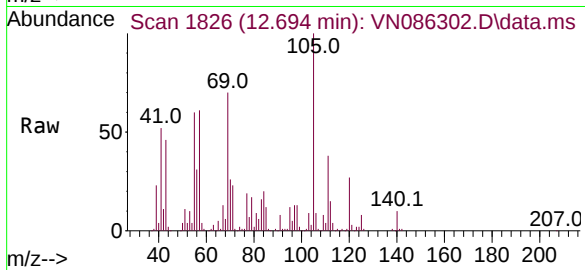




#73
Isopropylbenzene
Concen: 15.779 ug/l
RT: 12.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

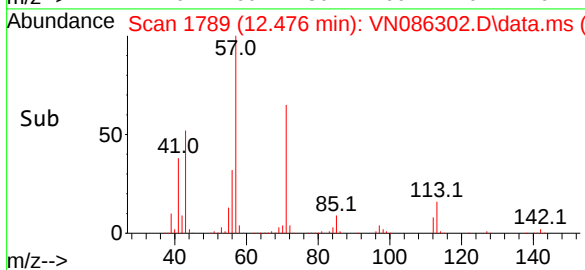
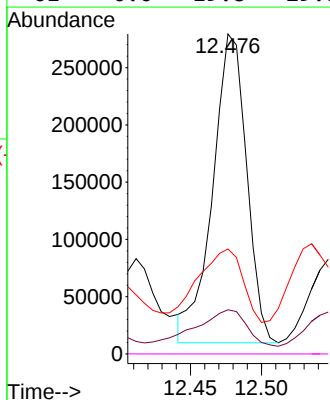
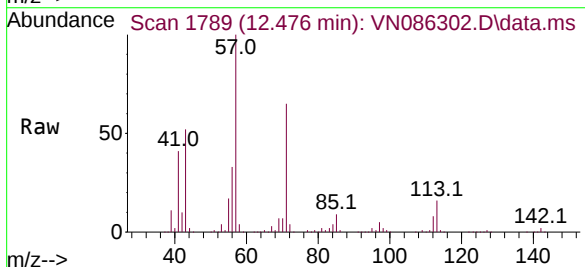
Instrument :
MSVOA_N
ClientSampleId :
TP-15-VOCME

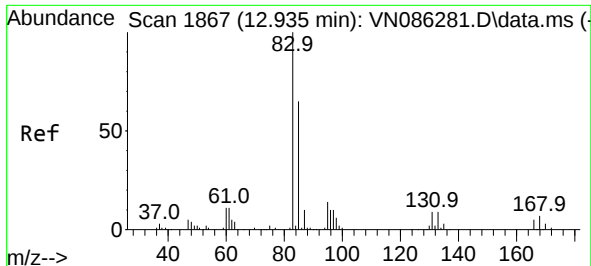
Tgt Ion:105 Resp: 196694
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3



#74
N-ethyl acetate
Concen: 72.139 ug/l
RT: 12.476 min Scan# 1789
Delta R.T. -0.012 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

Tgt Ion: 43 Resp: 447670
Ion Ratio Lower Upper
43 100
70 17.8 35.0 52.4#
55 31.7 19.0 28.4#
61 0.0 19.8 29.8#

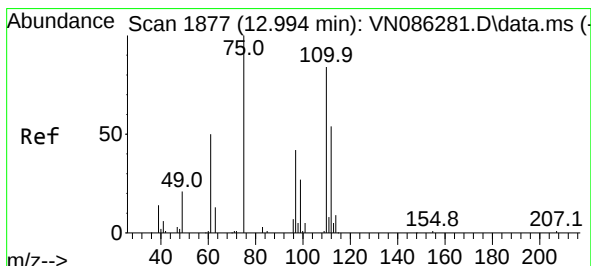
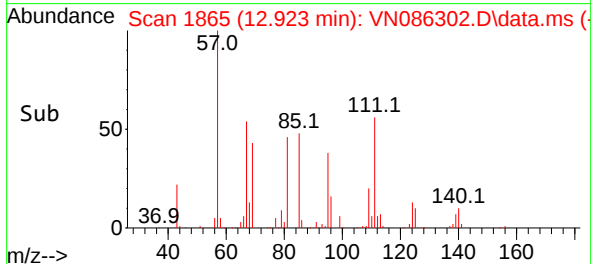
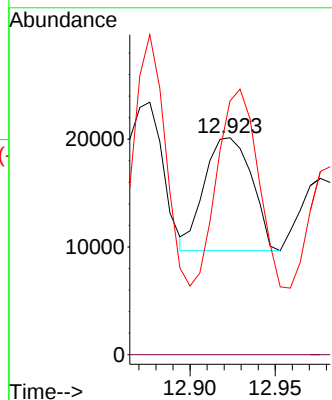
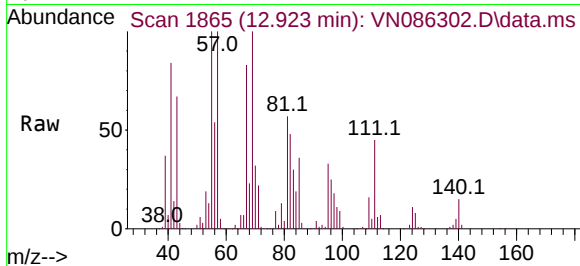




#75
1,1,2,2-Tetrachloroethane
Concen: 5.641 ug/l
RT: 12.923 min Scan# 1865
Delta R.T. -0.012 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

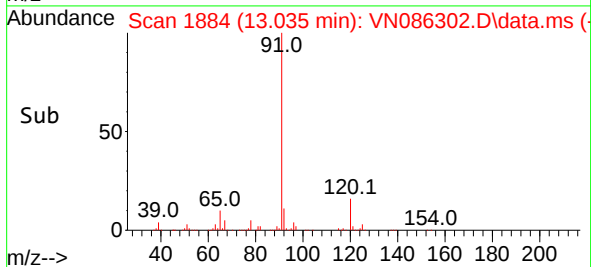
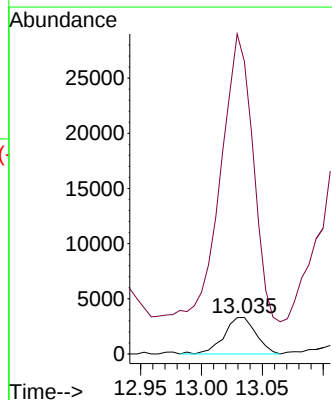
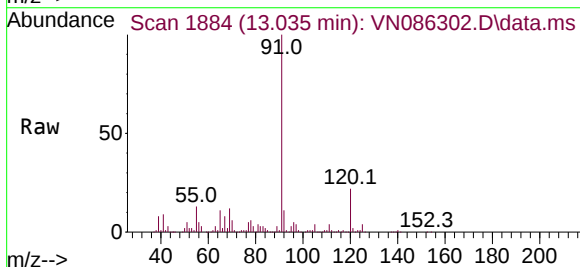
Instrument :
MSVOA_N
ClientSampleId :
TP-15-VOCME

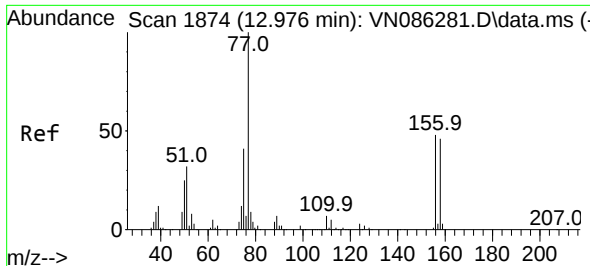
Tgt Ion: 83 Resp: 20218
Ion Ratio Lower Upper
83 100
131 0.0 4.7 14.1#
85 221.9 32.7 98.1#



#76
1,2,3-Trichloropropane
Concen: 1.680 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.041 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

Tgt Ion: 75 Resp: 6043
Ion Ratio Lower Upper
75 100
77 802.7 98.8 296.4#

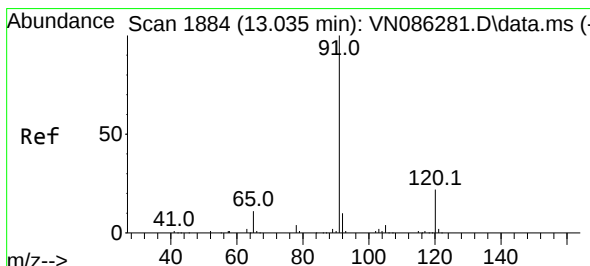
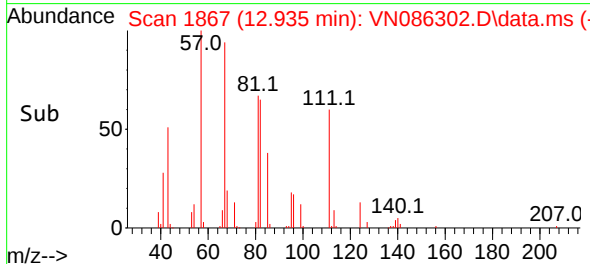
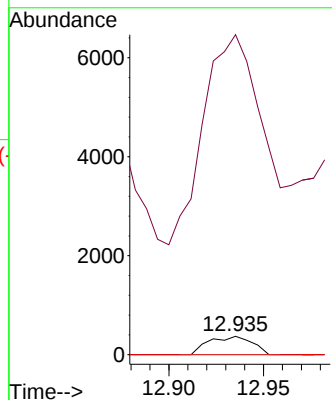
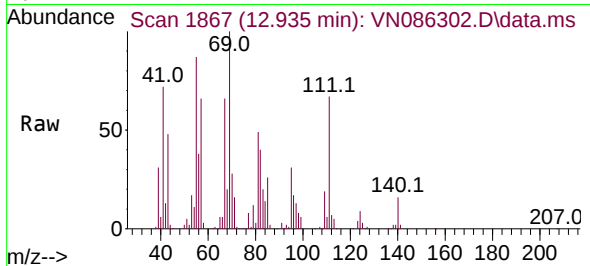




#77
Bromobenzene
Concen: 0.215 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.041 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

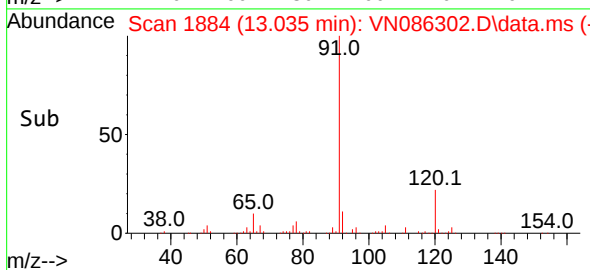
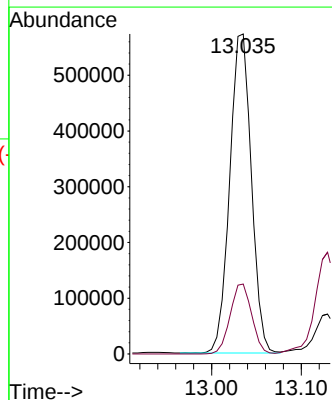
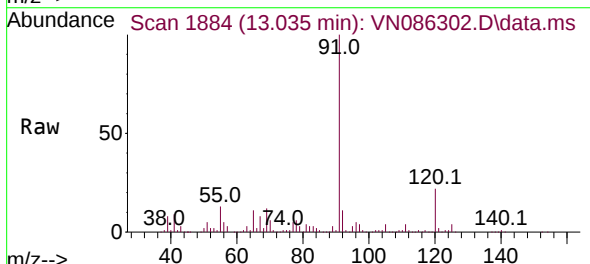
Instrument :
MSVOA_N
ClientSampleId :
TP-15-VOCME

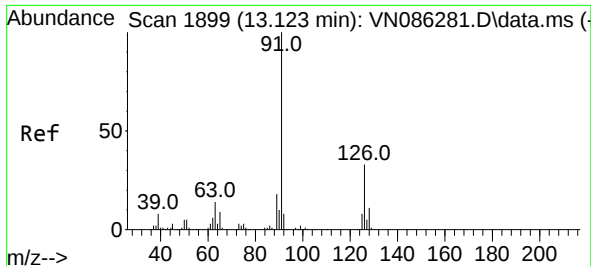
Tgt Ion:156 Resp: 594
Ion Ratio Lower Upper
156 100
77 1580.3 121.1 363.1#
158 0.0 47.9 143.6#



#78
n-propylbenzene
Concen: 65.207 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

Tgt Ion: 91 Resp: 957828
Ion Ratio Lower Upper
91 100
120 21.8 11.1 33.3

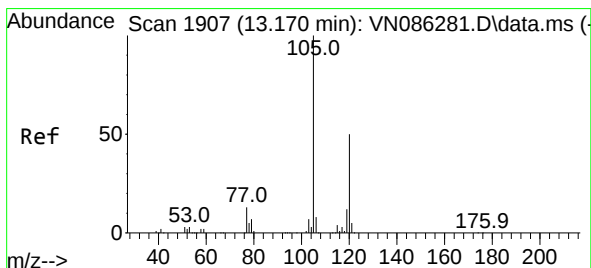
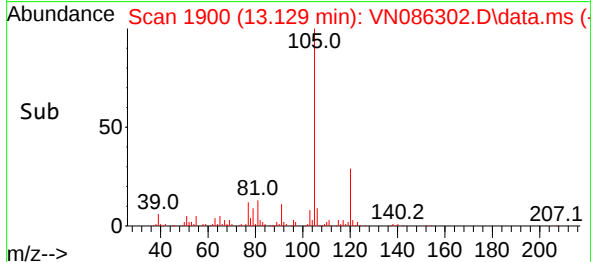
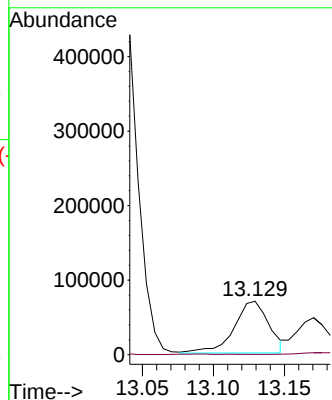
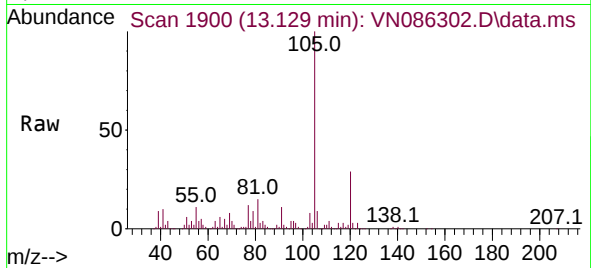




#79
2-Chlorotoluene
Concen: 12.865 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

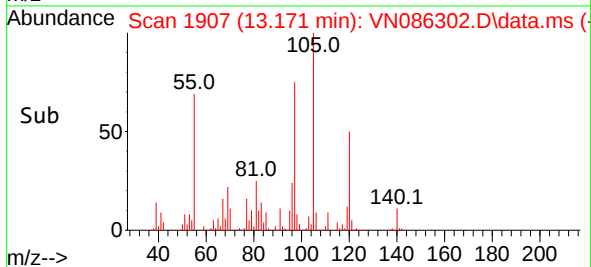
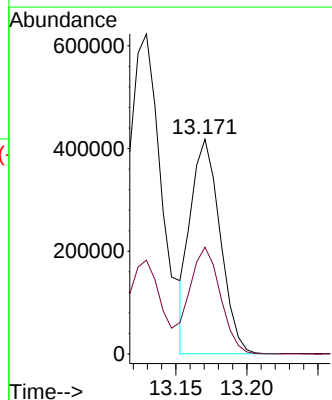
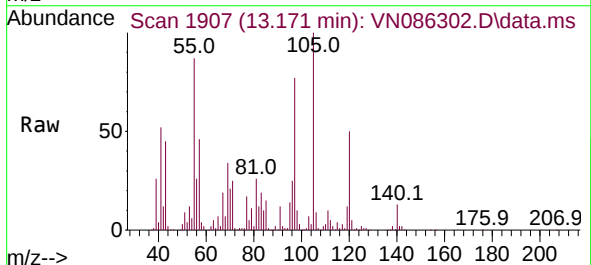
Instrument :
MSVOA_N
ClientSampleId :
TP-15-VOCME

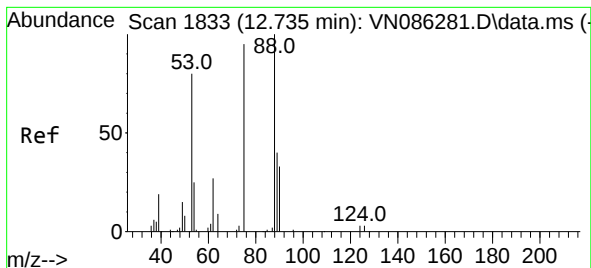
Tgt Ion: 91 Resp: 118249
Ion Ratio Lower Upper
91 100
126 0.0 16.1 48.2#



#80
1,3,5-Trimethylbenzene
Concen: 59.244 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

Tgt Ion: 105 Resp: 604442
Ion Ratio Lower Upper
105 100
120 53.0 24.5 73.5

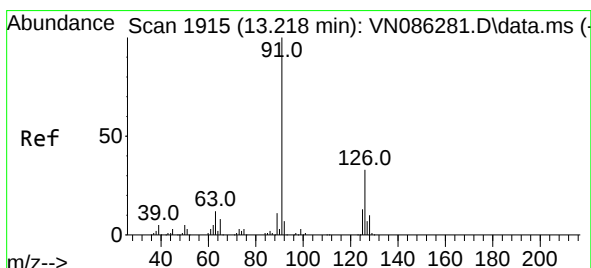
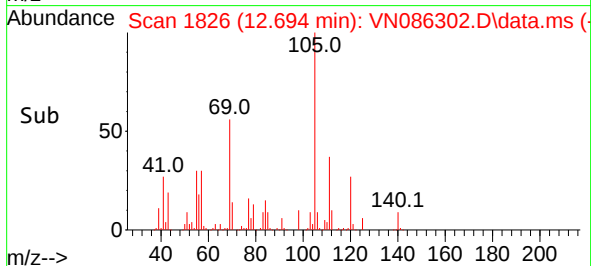
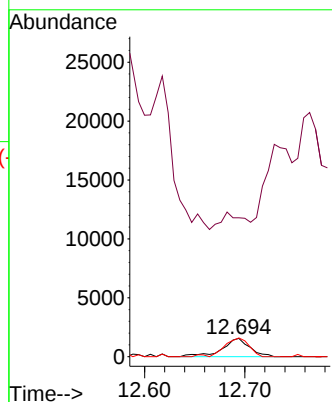
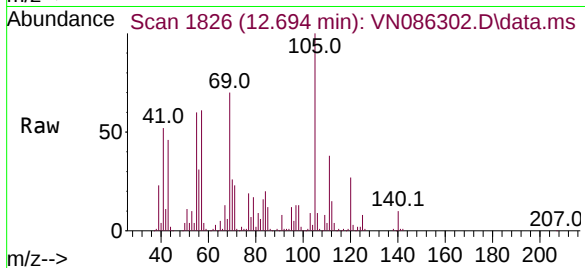




#81
trans-1,4-Dichloro-2-butene
Concen: 1.973 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

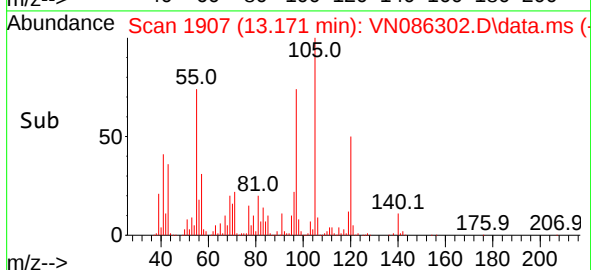
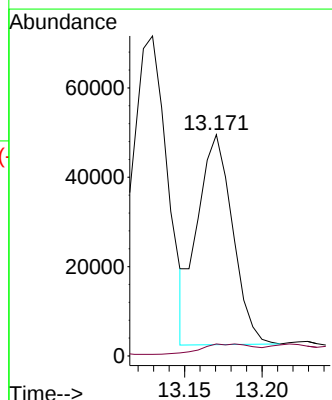
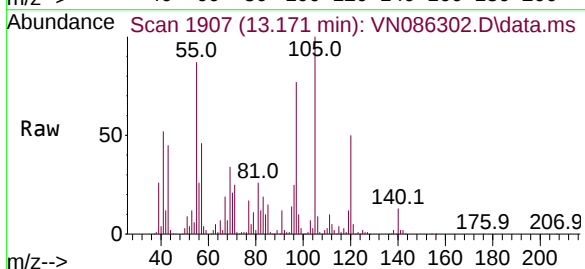
Instrument :
MSVOA_N
ClientSampleId :
TP-15-VOCME

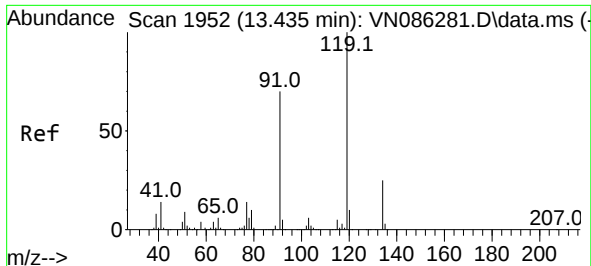
Tgt Ion: 75 Resp: 2955
Ion Ratio Lower Upper
75 100
53 0.0 79.2 118.8#
89 92.1 35.7 53.5#



#82
4-Chlorotoluene
Concen: 8.116 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.047 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

Tgt Ion: 91 Resp: 74105
Ion Ratio Lower Upper
91 100
126 7.7 16.2 48.6#

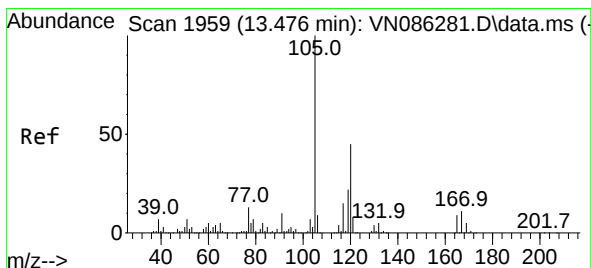
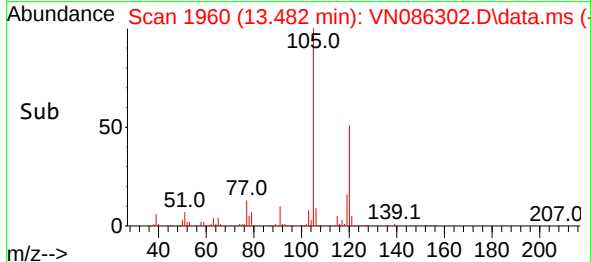
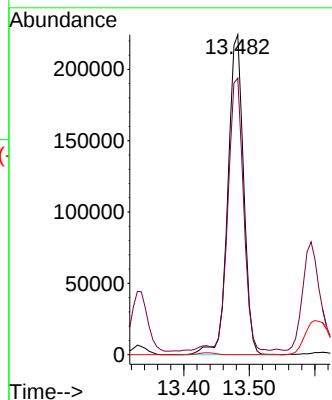
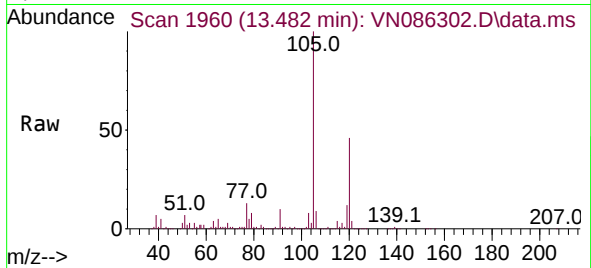




#83
 tert-Butylbenzene
 Concen: 42.131 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.047 min
 Lab File: VN086302.D
 Acq: 16 Apr 2025 17:15

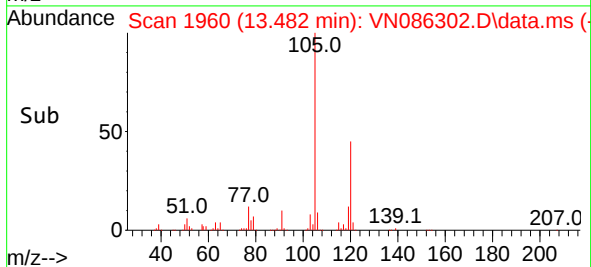
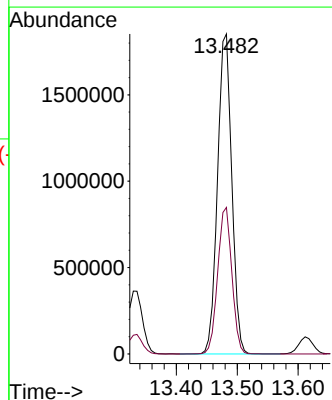
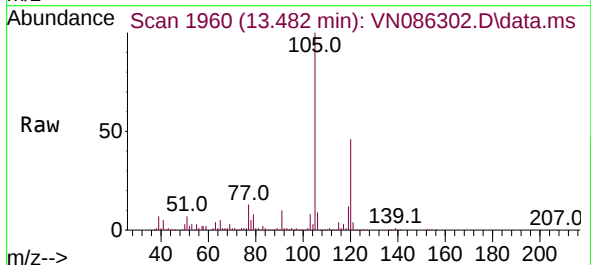
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-15-VOCME

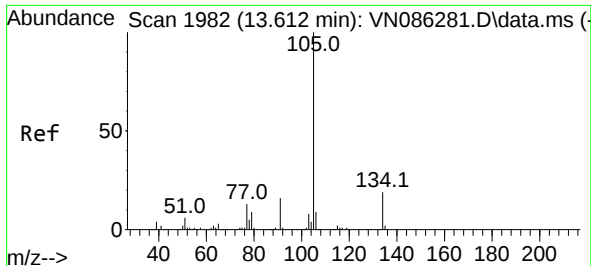
Tgt Ion:119 Resp: 372456
 Ion Ratio Lower Upper
 119 100
 91 86.1 34.4 103.3
 134 0.0 13.0 39.0#



#84
 1,2,4-Trimethylbenzene
 Concen: 289.529 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN086302.D
 Acq: 16 Apr 2025 17:15

Tgt Ion:105 Resp: 3006855
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.4 67.3

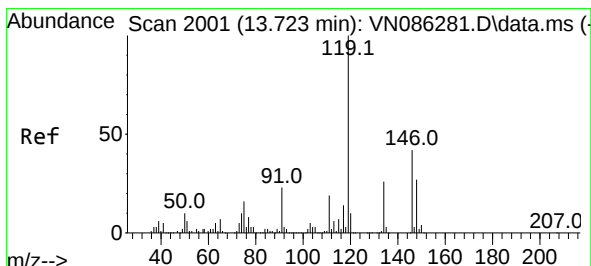
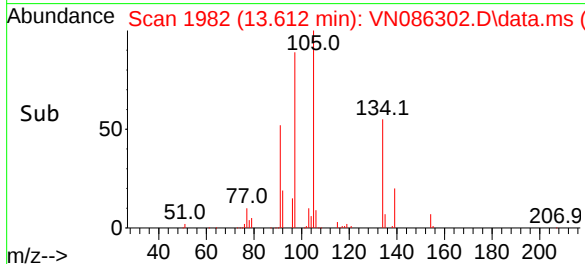
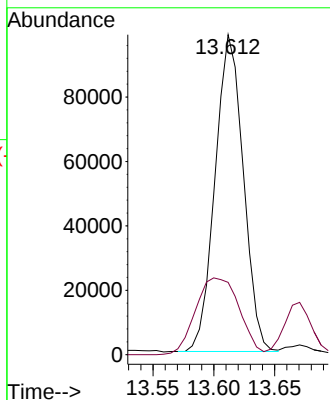
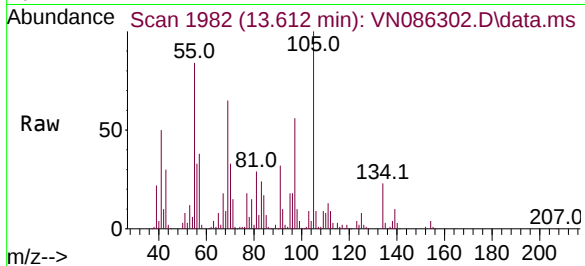




#85
 sec-Butylbenzene
 Concen: 12.948 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086302.D
 Acq: 16 Apr 2025 17:15

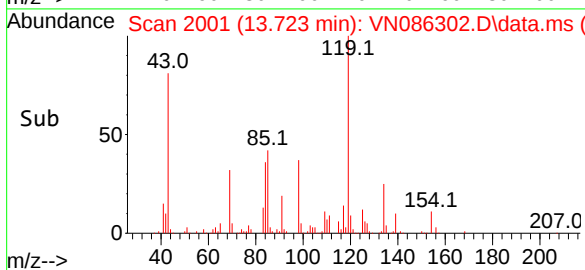
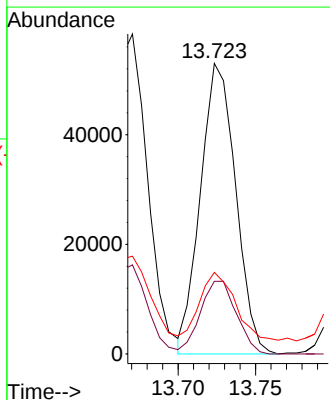
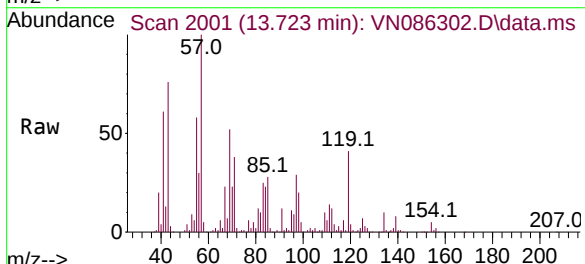
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-15-VOCME

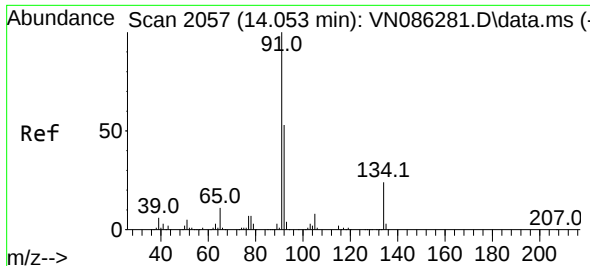
Tgt Ion:105 Resp: 158769
 Ion Ratio Lower Upper
 105 100
 134 37.4 9.7 29.1#



#86
 p-Isopropyltoluene
 Concen: 8.295 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086302.D
 Acq: 16 Apr 2025 17:15

Tgt Ion:119 Resp: 83837
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.1 39.1
 91 23.2 11.9 35.9

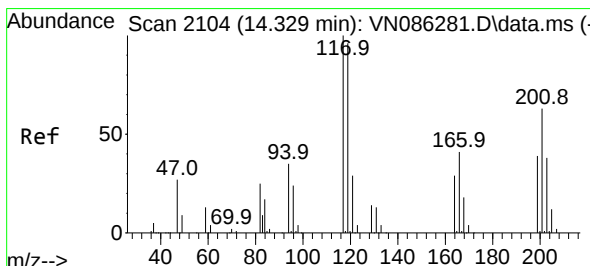
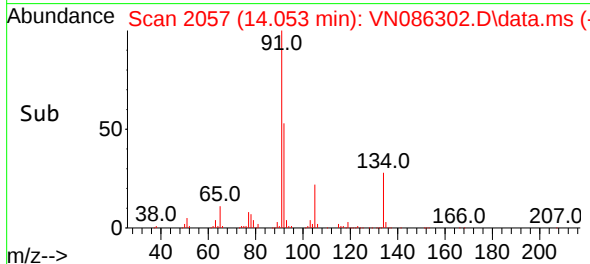
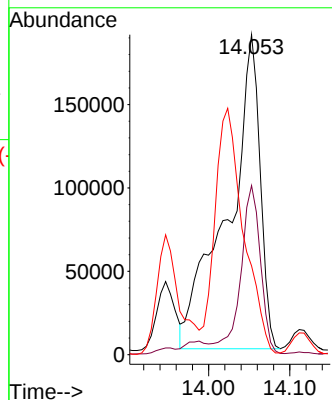
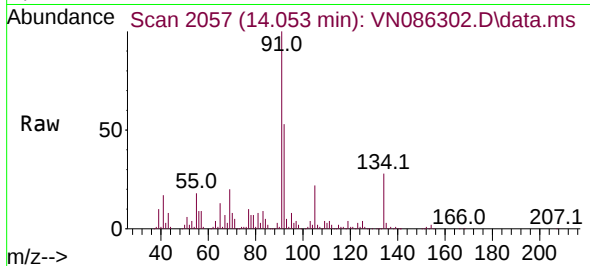




#89
n-Butylbenzene
Concen: 58.015 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

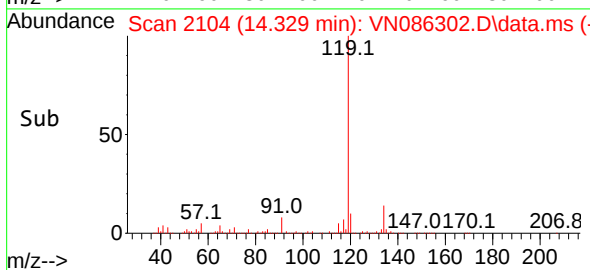
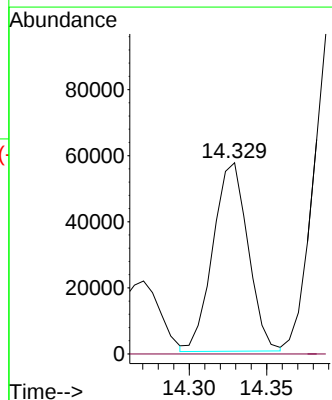
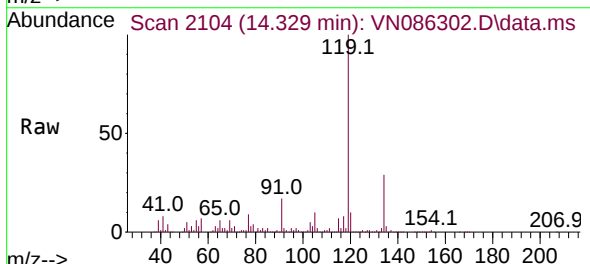
Instrument :
MSVOA_N
ClientSampleId :
TP-15-VOCME

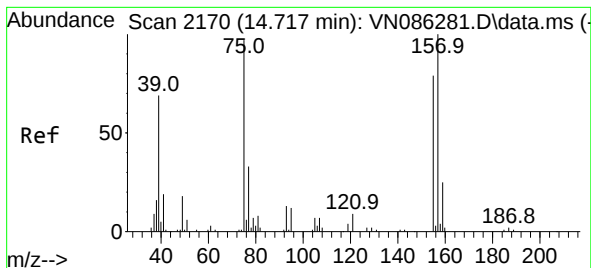
Tgt Ion: 91 Resp: 519738
Ion Ratio Lower Upper
91 100
92 32.7 26.8 80.4
134 0.0 12.2 36.6#



#90
Hexachloroethane
Concen: 52.807 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

Tgt Ion: 117 Resp: 89776
Ion Ratio Lower Upper
117 100
201 0.0 31.4 94.2#

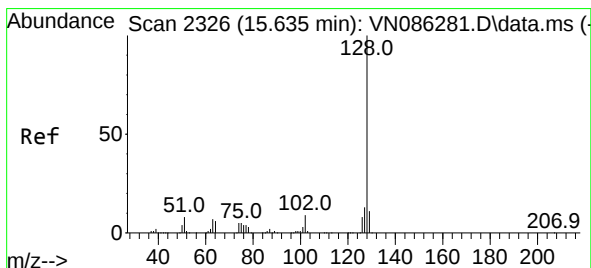
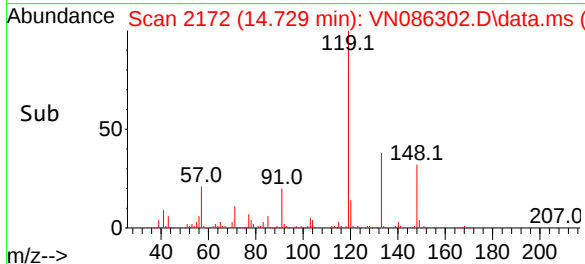
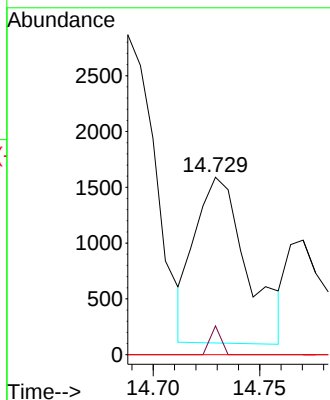
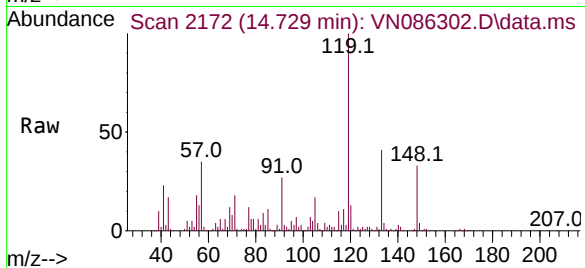




#92
1,2-Dibromo-3-Chloropropane
Concen: 3.497 ug/l
RT: 14.729 min Scan# 2170
Delta R.T. 0.012 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

Instrument :
MSVOA_N
ClientSampleId :
TP-15-VOCME

Tgt Ion: 75 Resp: 2527
Ion Ratio Lower Upper
75 100
155 0.0 40.3 120.9#
157 0.0 49.0 147.2#



#95
Naphthalene
Concen: 71.209 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086302.D
Acq: 16 Apr 2025 17:15

Tgt Ion: 128 Resp: 608462
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.2 8.6 13.0

