

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022425\
 Data File : VN085835.D
 Acq On : 24 Feb 2025 14:24
 Operator : JC\MD
 Sample : Q1405-03RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 24 14:41:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

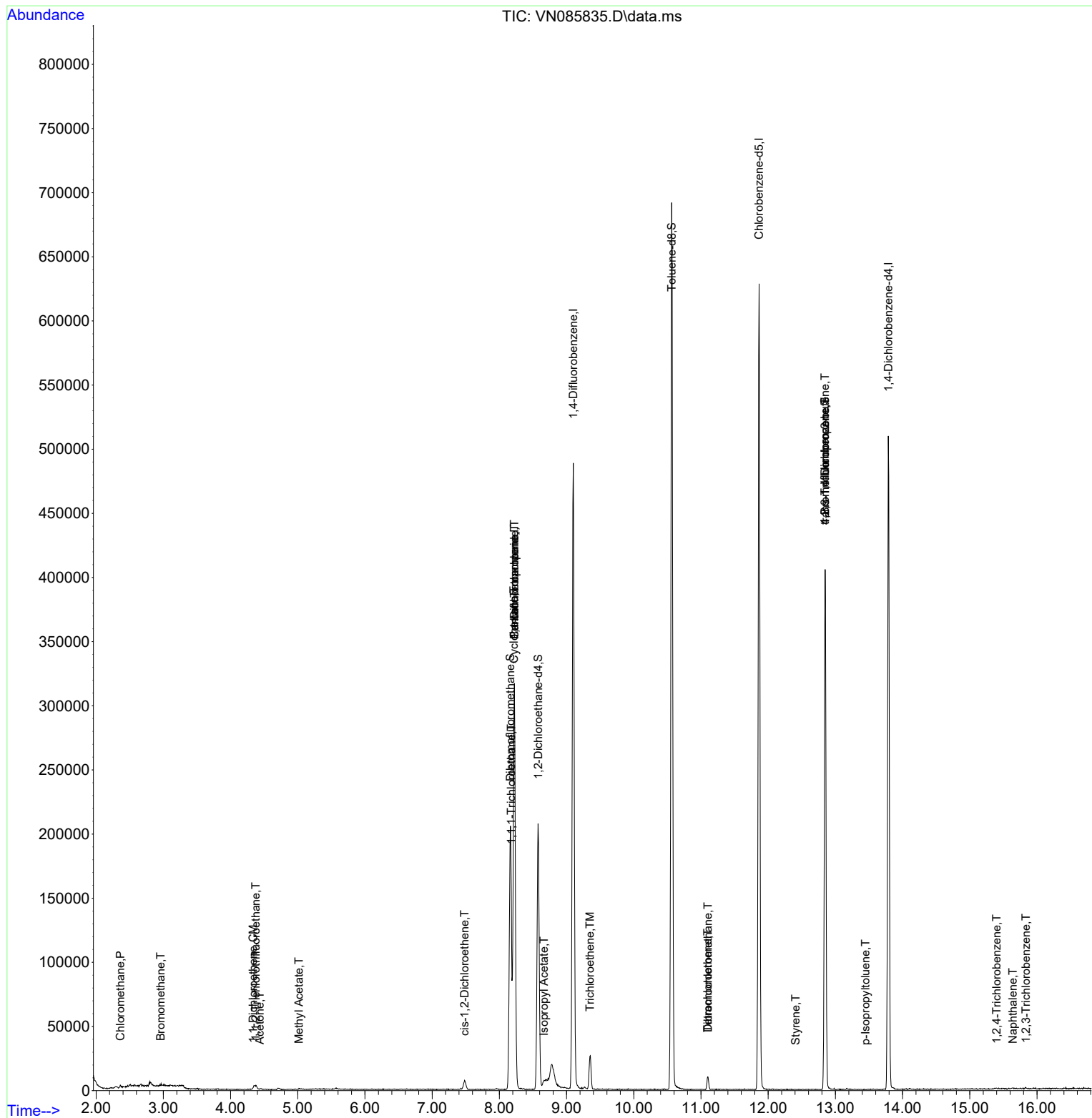
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	225971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	429272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	376021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	144563	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	166156	56.72	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.44%	
35) Dibromofluoromethane	8.165	113	148168	52.75	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.50%	
50) Toluene-d8	10.565	98	490388	47.98	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.96%	
62) 4-Bromofluorobenzene	12.847	95	146936	43.64	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 87.28%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1263	0.41	ug/l #	88
5) Bromomethane	2.959	94	578	0.28	ug/l #	73
9) 1,1,2-Trichlorotrifluo...	4.377	101	1444	0.53	ug/l #	70
12) 1,1-Dichloroethene	4.336	96	762	0.31	ug/l #	67
16) Acetone	4.436	43	650	0.70	ug/l #	40
18) Methyl Acetate	5.018	43	1083	0.34	ug/l #	47
27) cis-1,2-Dichloroethene	7.483	96	4897	1.58	ug/l	83
31) Cyclohexane	8.218	56	4677	1.12	ug/l #	1
32) 1,1,1-Trichloroethane	8.177	97	1728	0.37	ug/l #	39
36) 1,1-Dichloropropene	8.224	75	18994	4.78	ug/l #	49
38) Carbon Tetrachloride	8.224	117	23690	5.02	ug/l #	17
43) Isopropyl Acetate	8.665	43	4915	0.31	ug/l #	53
44) Trichloroethene	9.347	130	10367	3.31	ug/l	96
60) Dibromochloromethane	11.106	129	2652	0.77	ug/l #	10
64) Tetrachloroethene	11.100	164	2812	0.97	ug/l #	74
70) Styrene	12.412	104	113	0.60	ug/l #	26
76) 1,2,3-Trichloropropane	12.847	75	73207	22.80	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	73207	66.52	ug/l #	13
86) p-Isopropyltoluene	13.447	119	78	0.63	ug/l #	50
93) 1,2,4-Trichlorobenzene	15.400	180	470	0.20	ug/l #	45
95) Naphthalene	15.641	128	1698	0.27	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.835	180	543	0.24	ug/l #	39

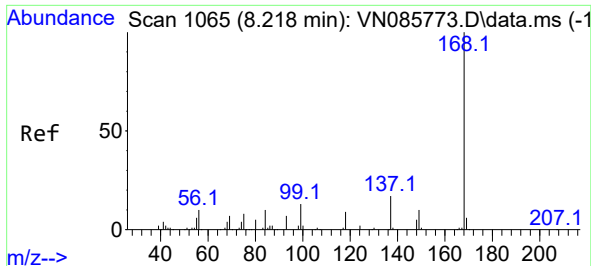
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN085835.D
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Sample : Q1405-03RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

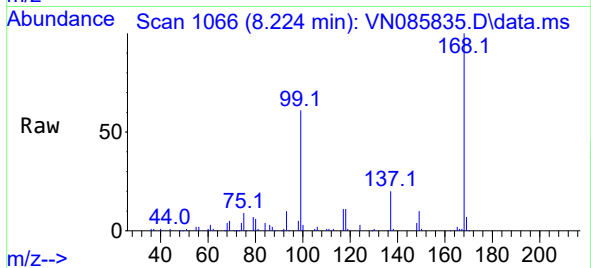
Quant Time: Feb 24 14:41:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
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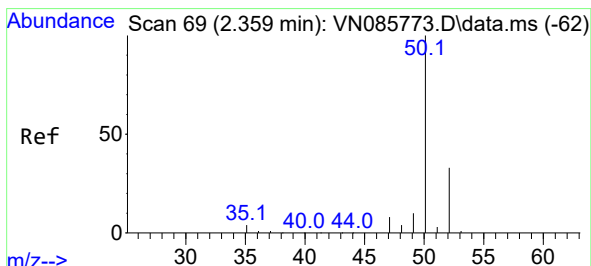
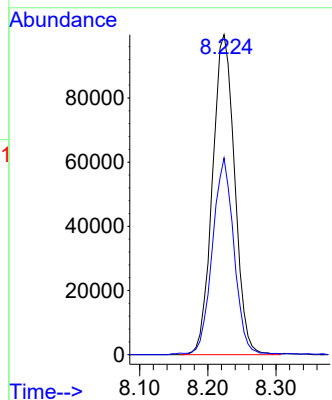
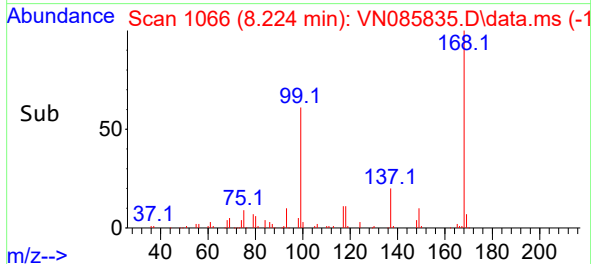


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24

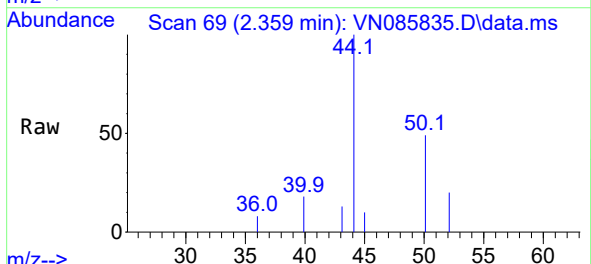
Instrument :
MSVOA_X
ClientSampleId :



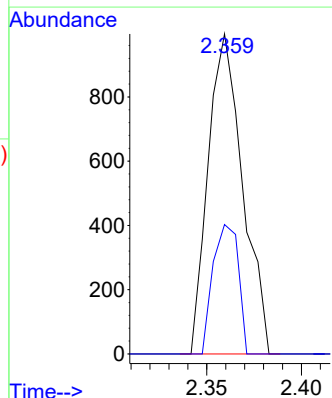
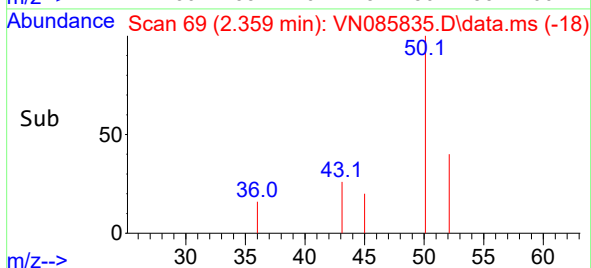
Tgt Ion:168 Resp: 225971
Ion Ratio Lower Upper
168 100
99 61.1 47.9 71.9

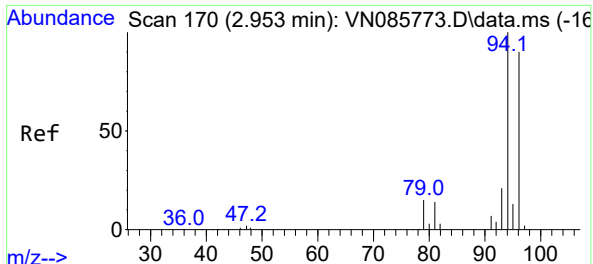


#3
Chloromethane
Concen: 0.41 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24



Tgt Ion: 50 Resp: 1263
Ion Ratio Lower Upper
50 100
52 40.5 26.7 40.1#

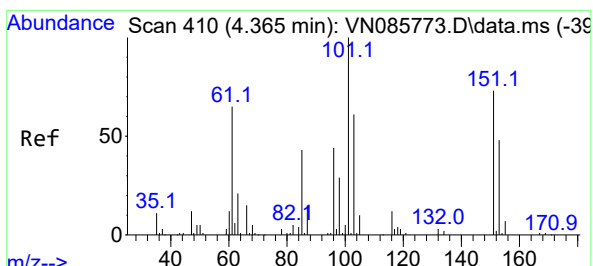
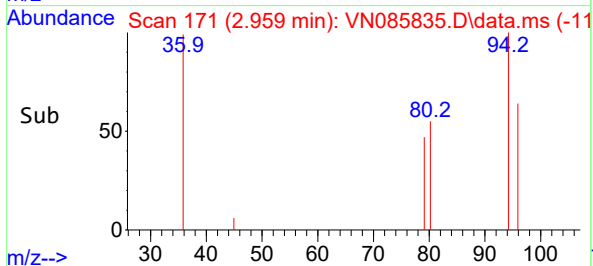
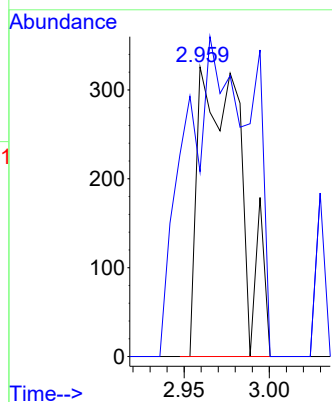
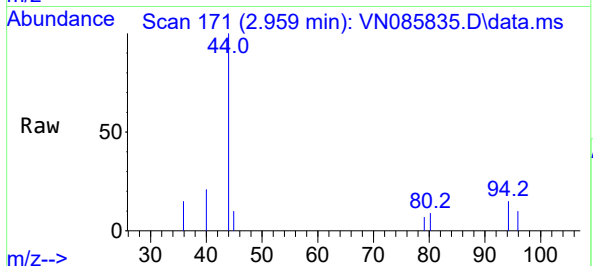




#5
Bromomethane
Concen: 0.28 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24

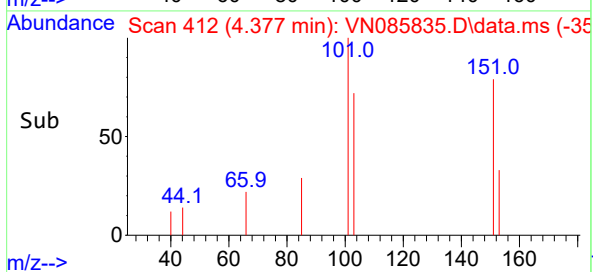
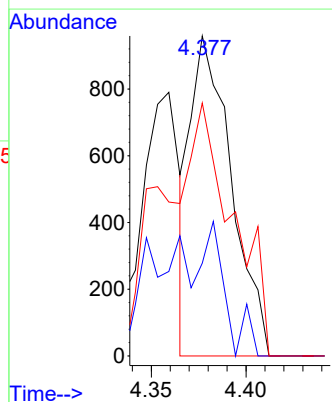
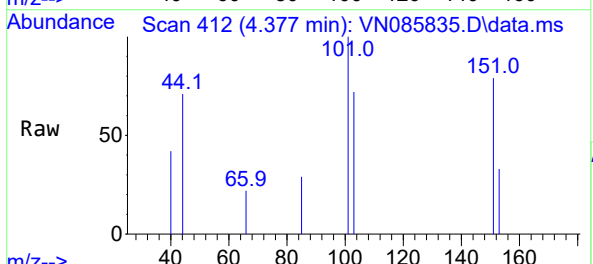
Instrument :
MSVOA_X
ClientSampleId :

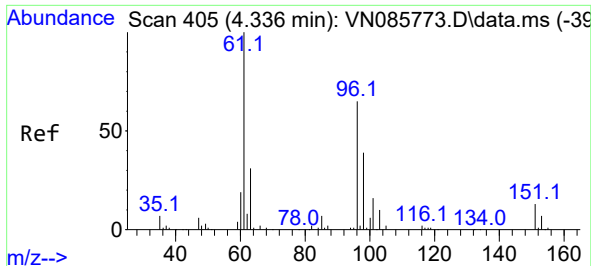
Tgt Ion: 94 Resp: 578
Ion Ratio Lower Upper
94 100
96 63.8 71.7 107.5#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.53 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.012 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24

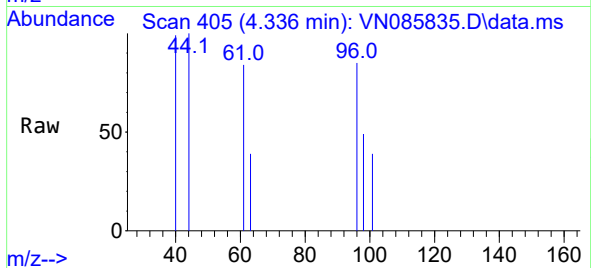
Tgt Ion:101 Resp: 1444
Ion Ratio Lower Upper
101 100
85 0.0 35.7 53.5#
151 83.7 61.4 92.2



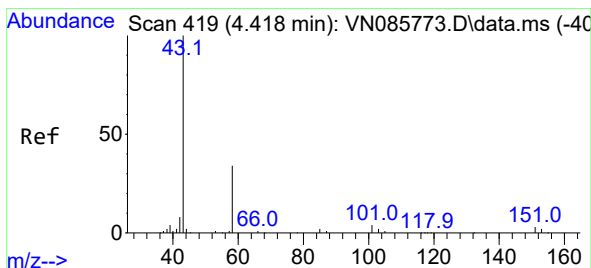
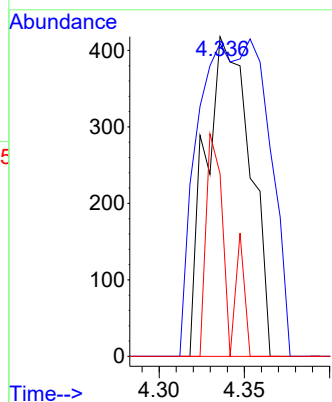
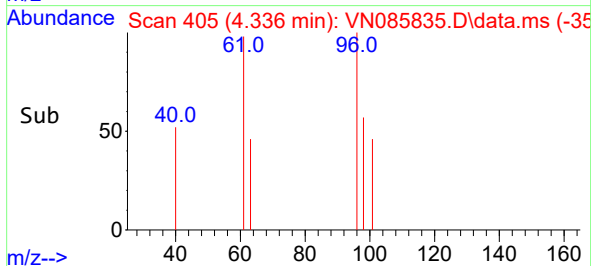


#12
1,1-Dichloroethene
Concen: 0.31 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24

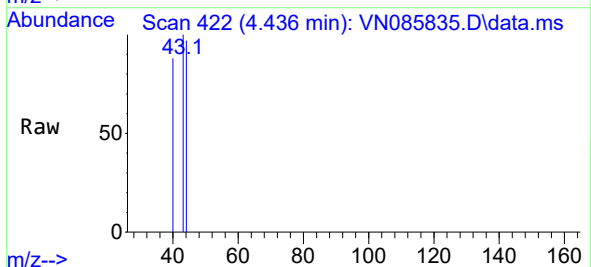
Instrument :
MSVOA_X
ClientSampleId :



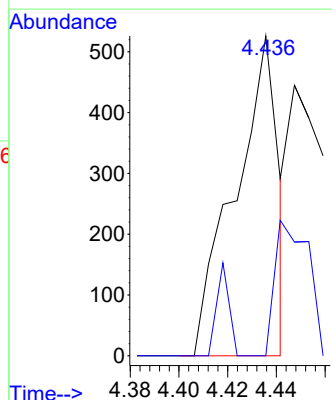
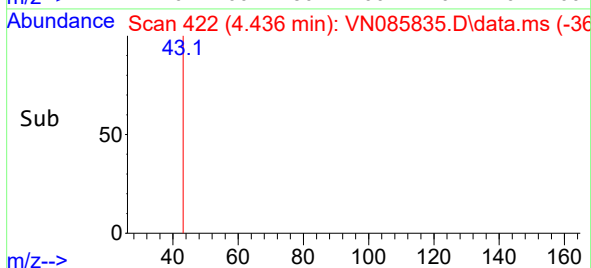
Tgt Ion: 96 Resp: 762
Ion Ratio Lower Upper
96 100
61 97.8 123.3 184.9#
98 57.2 48.6 72.8

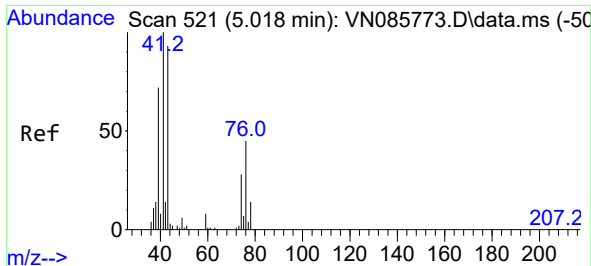


#16
Acetone
Concen: 0.70 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24



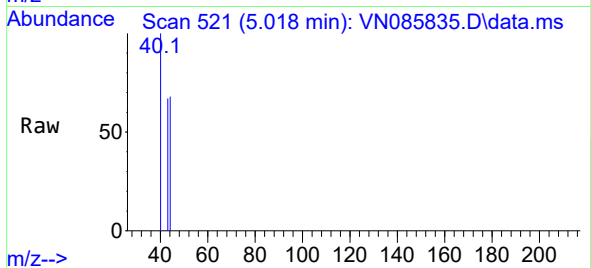
Tgt Ion: 43 Resp: 650
Ion Ratio Lower Upper
43 100
58 0.0 27.5 41.3#



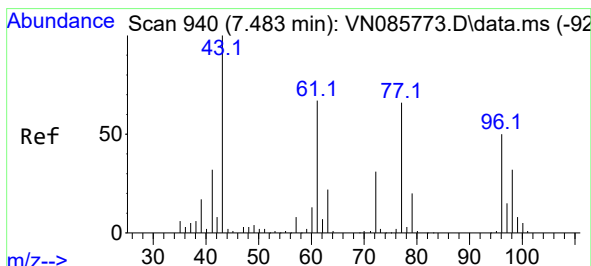
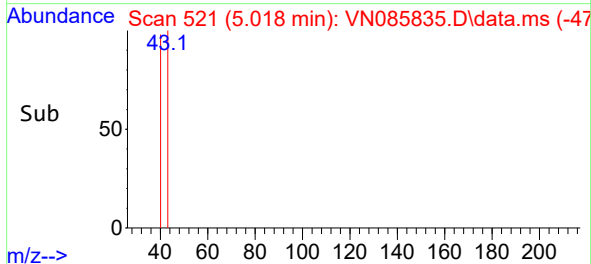
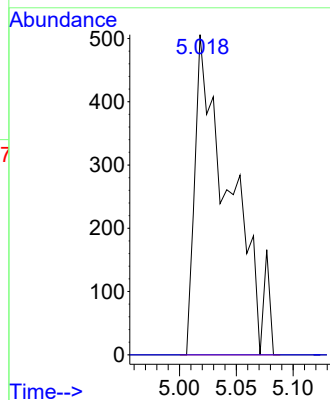


#18
Methyl Acetate
Concen: 0.34 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24

Instrument :
MSVOA_X
ClientSampleId :

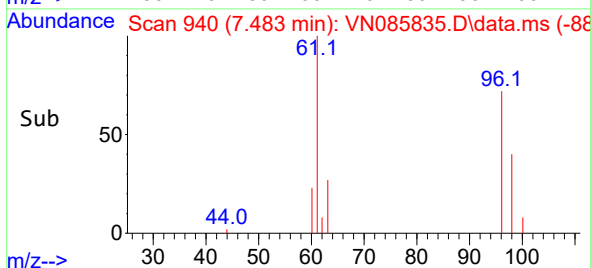
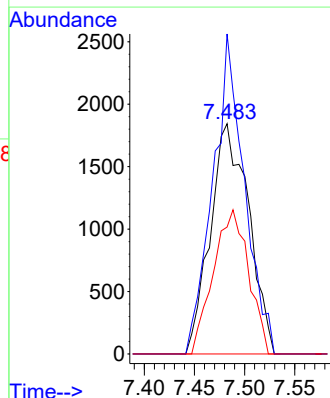
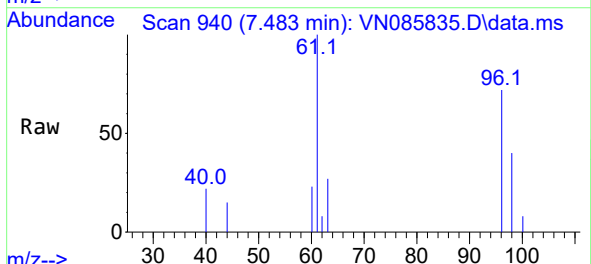


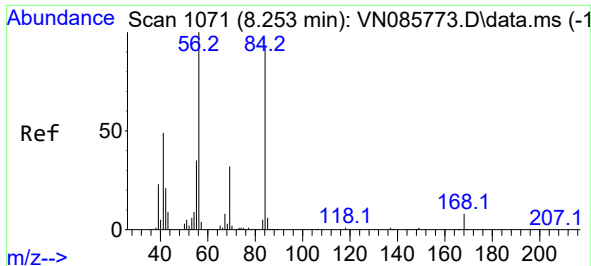
Tgt Ion: 43 Resp: 1083
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.4#



#27
cis-1,2-Dichloroethene
Concen: 1.58 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24

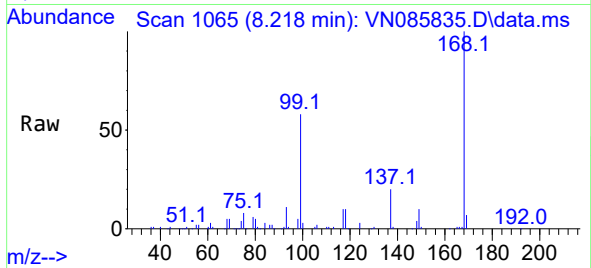
Tgt Ion: 96 Resp: 4897
Ion Ratio Lower Upper
96 100
61 114.6 0.0 280.6
98 57.6 0.0 128.6





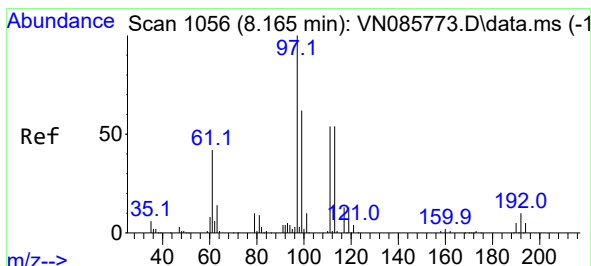
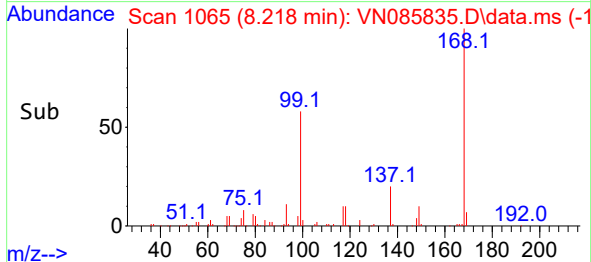
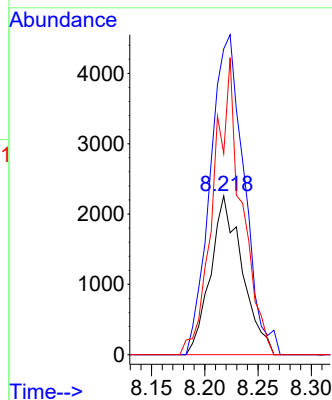
#31
Cyclohexane
Concen: 1.12 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 56 Resp: 4677

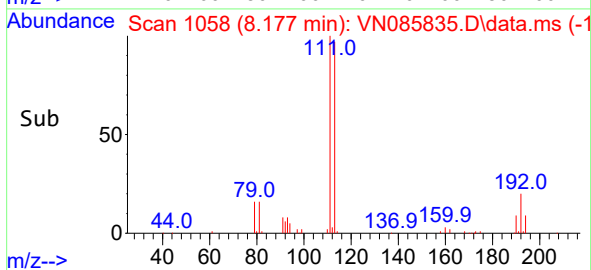
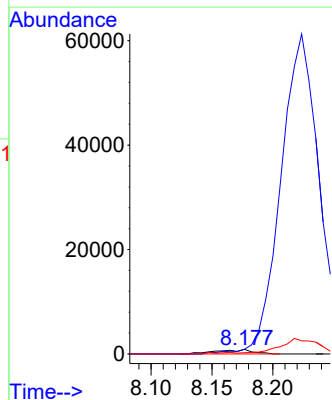
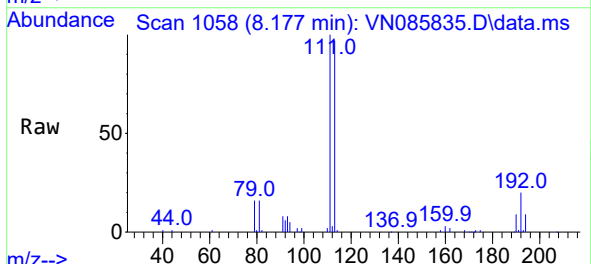
Ion	Ratio	Lower	Upper
56	100		
69	192.6	25.8	38.6#
84	126.7	74.5	111.7#

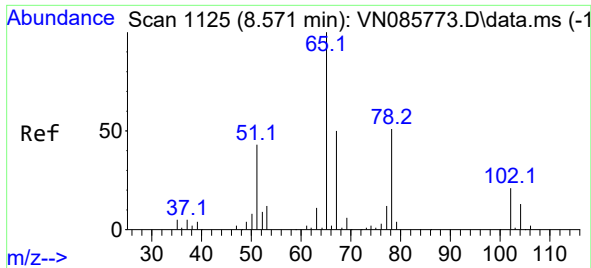


#32
1,1,1-Trichloroethane
Concen: 0.37 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.012 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24

Tgt Ion: 97 Resp: 1728

Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.4	75.6#
61	22.7	35.5	53.3#

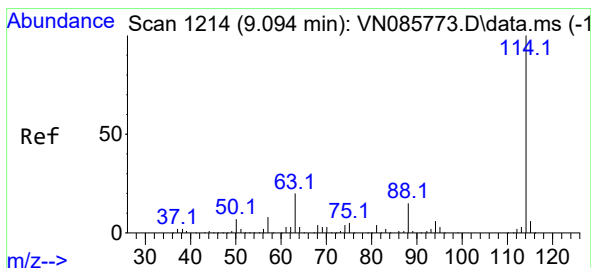
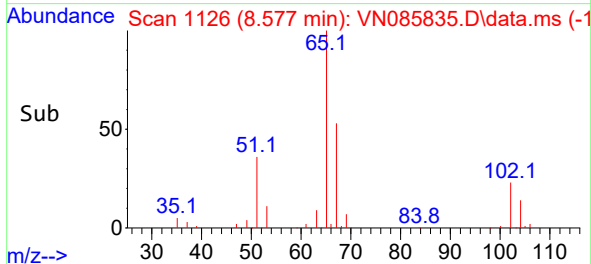
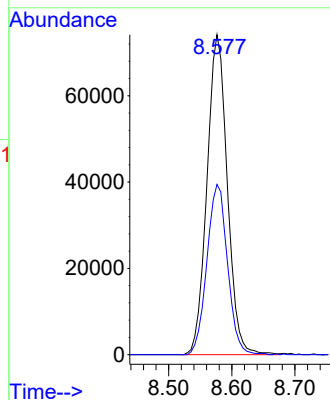
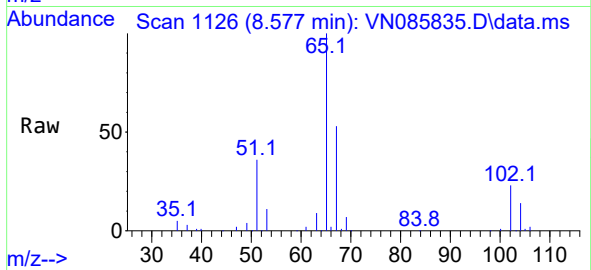




#33
1,2-Dichloroethane-d4
Concen: 56.72 ug/l
RT: 8.577 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24

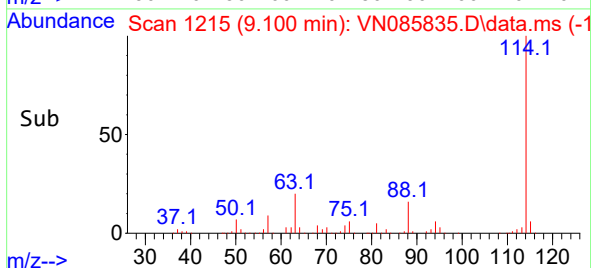
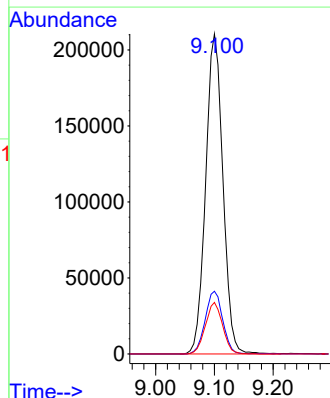
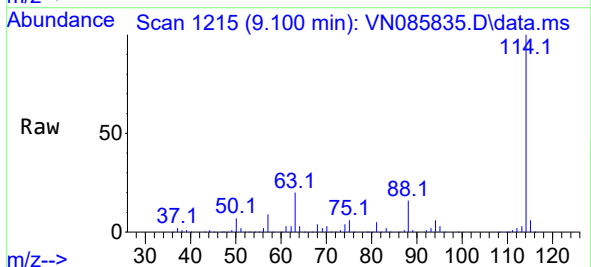
Instrument :
MSVOA_X
ClientSampleId :

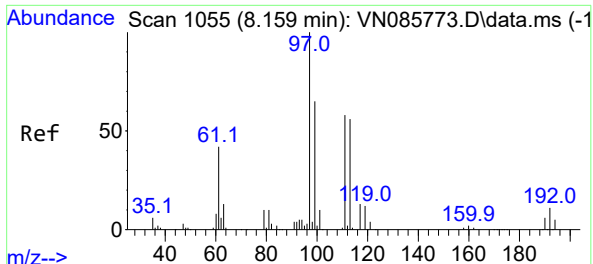
Tgt Ion: 65 Resp: 166156
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24

Tgt Ion: 114 Resp: 429272
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.2
88 16.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 52.75 ug/l

RT: 8.165 min Scan# 1055

Delta R.T. 0.006 min

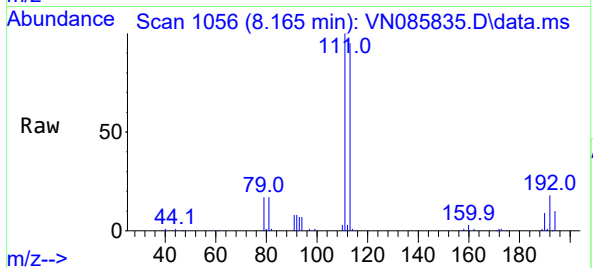
Lab File: VN085835.D

Acq: 24 Feb 2025 14:24

Instrument :

MSVOA_X

ClientSampleId :



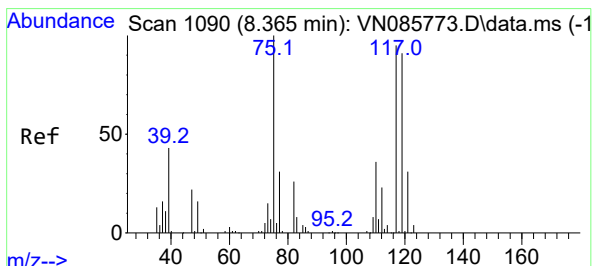
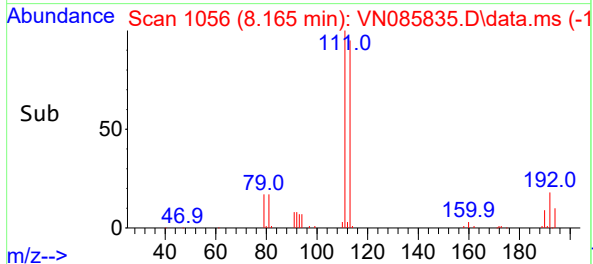
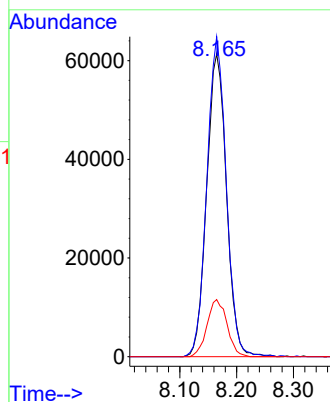
Tgt Ion:113 Resp: 148168

Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 19.0 14.7 22.1



#36

1,1-Dichloropropene

Concen: 4.78 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085835.D

Acq: 24 Feb 2025 14:24

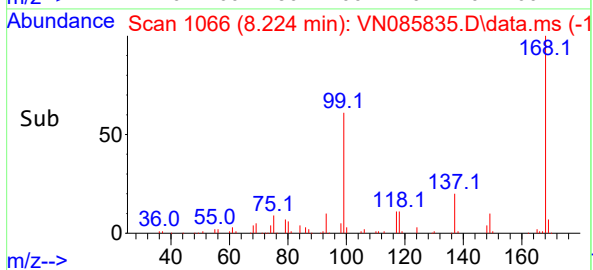
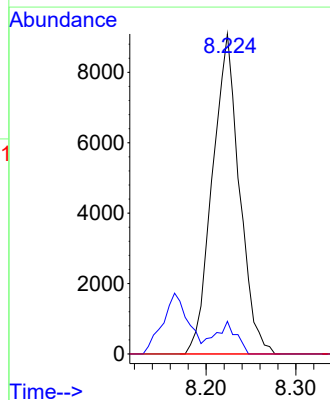
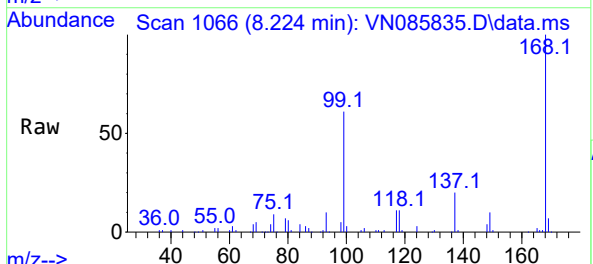
Tgt Ion: 75 Resp: 18994

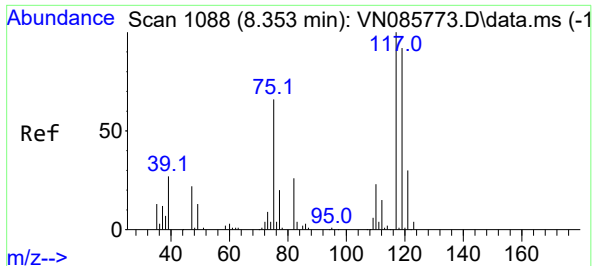
Ion Ratio Lower Upper

75 100

110 7.3 17.3 52.0#

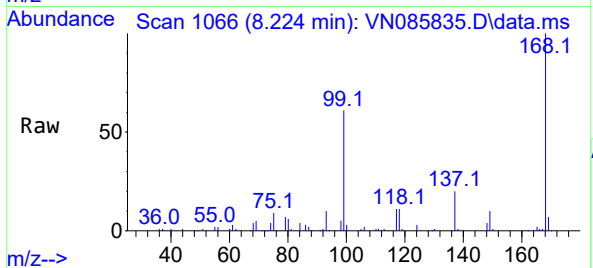
77 0.0 24.6 37.0#



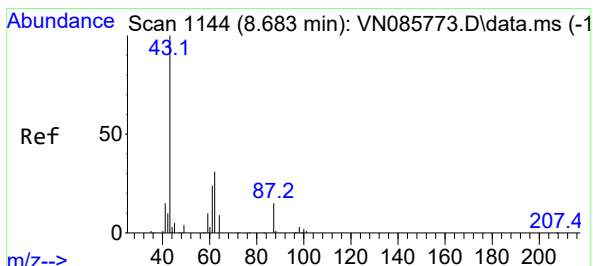
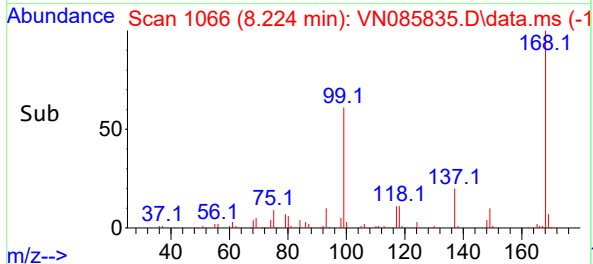
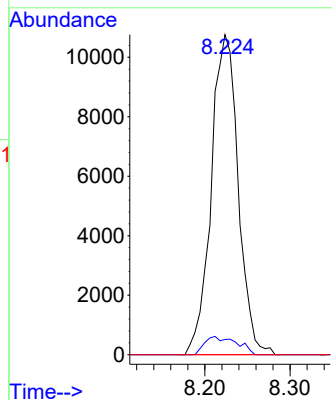


#38
Carbon Tetrachloride
Concen: 5.02 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.129 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24

Instrument :
MSVOA_X
ClientSampleId :

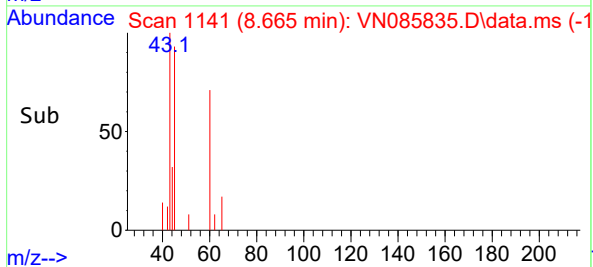
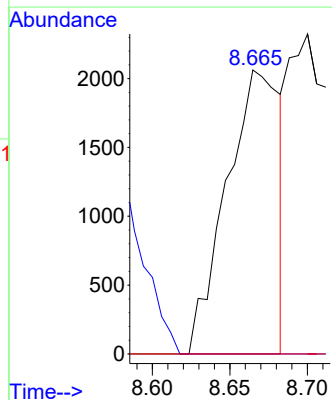
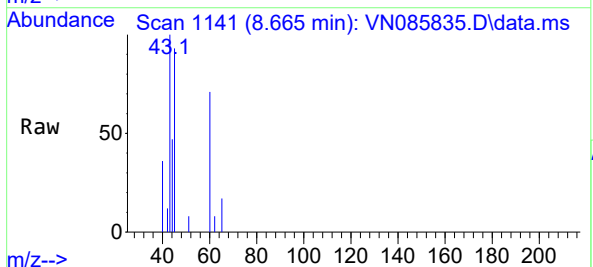


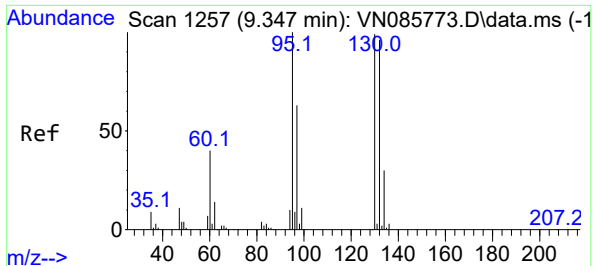
Tgt Ion:117 Resp: 23690
Ion Ratio Lower Upper
117 100
119 4.8 73.8 110.6#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: 0.31 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.018 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24

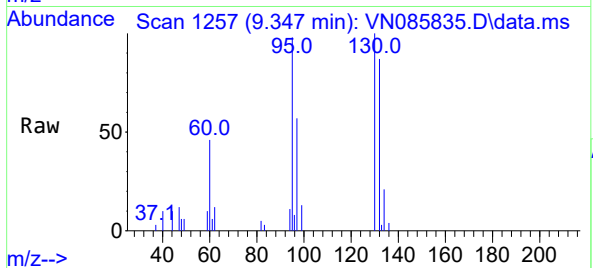
Tgt Ion: 43 Resp: 4915
Ion Ratio Lower Upper
43 100
61 0.0 22.6 34.0#
87 0.0 11.8 17.8#



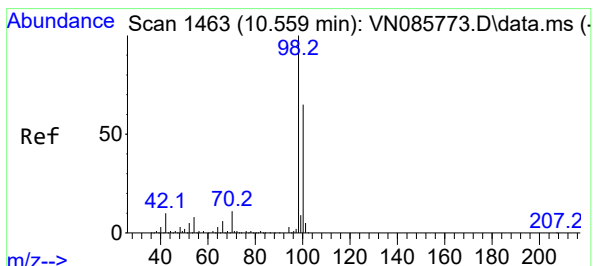
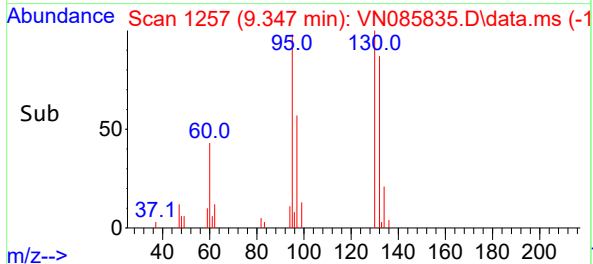
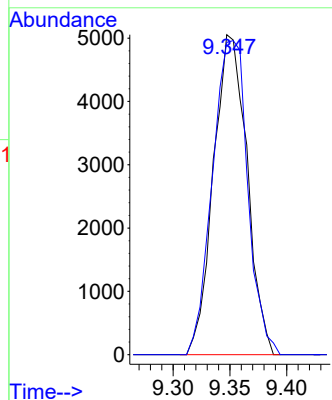


#44
Trichloroethene
Concen: 3.31 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24

Instrument :
MSVOA_X
ClientSampleId :

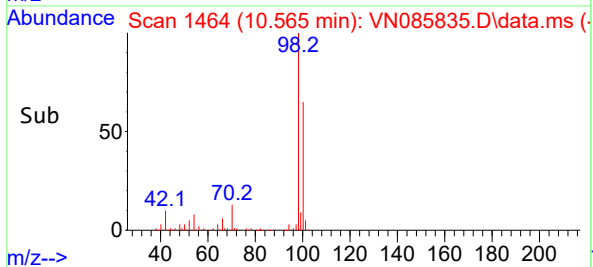
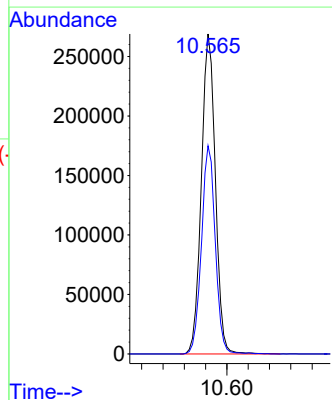
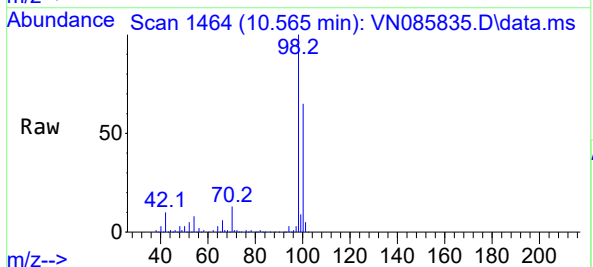


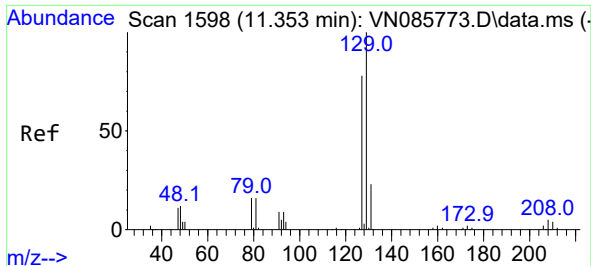
Tgt Ion:130 Resp: 10367
Ion Ratio Lower Upper
130 100
95 97.6 0.0 202.6



#50
Toluene-d8
Concen: 47.98 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24

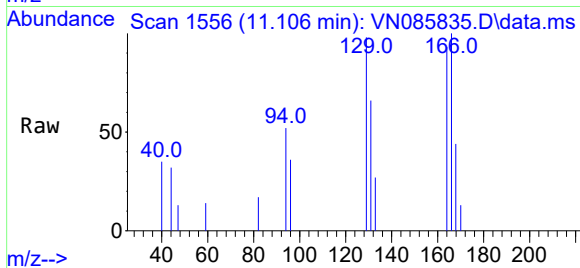
Tgt Ion: 98 Resp: 490388
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1



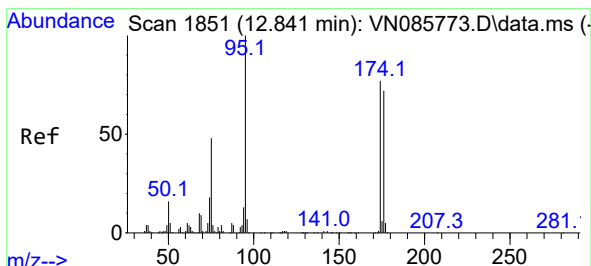
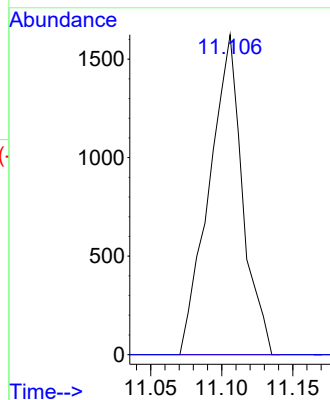
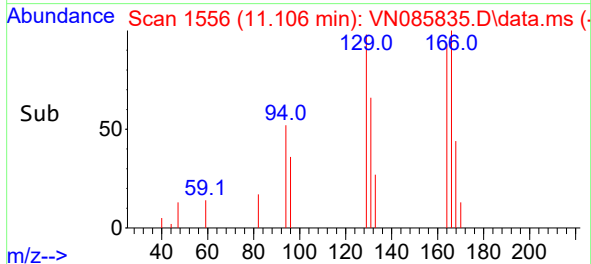


#60
Dibromochloromethane
Concen: 0.77 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.247 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24

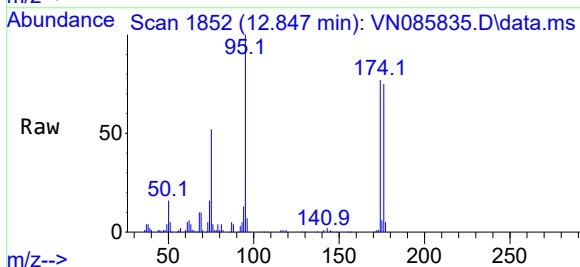
Instrument :
MSVOA_X
ClientSampleId :



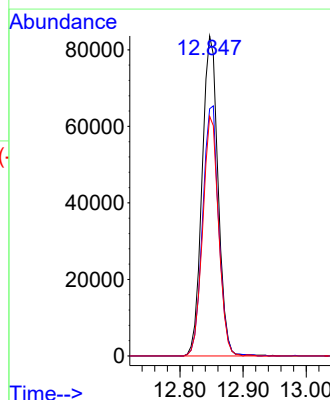
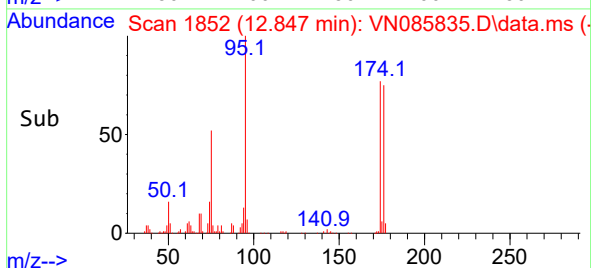
Tgt Ion:129 Resp: 2652
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.5#

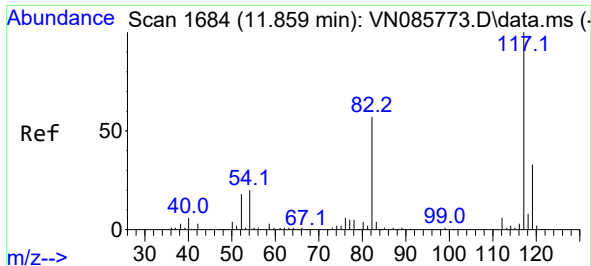


#62
4-Bromofluorobenzene
Concen: 43.64 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24



Tgt Ion: 95 Resp: 146936
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.4
176 74.1 0.0 146.6

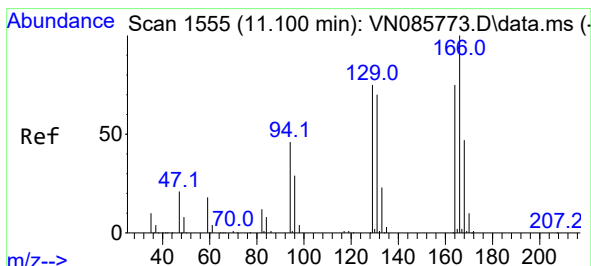
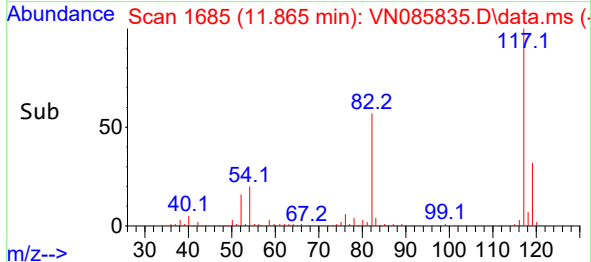
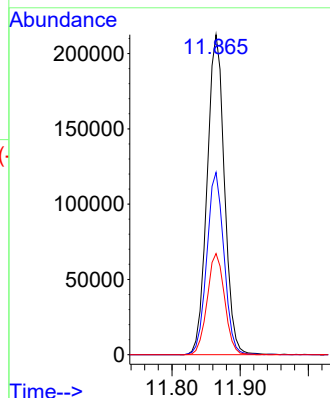
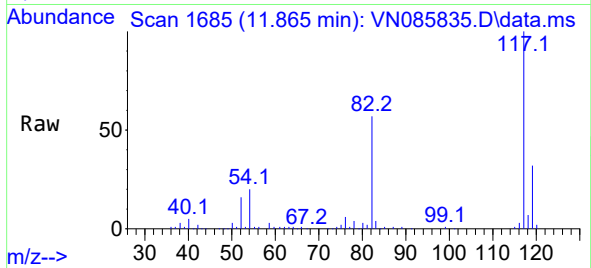




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24

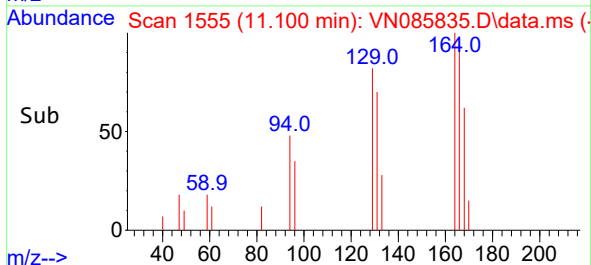
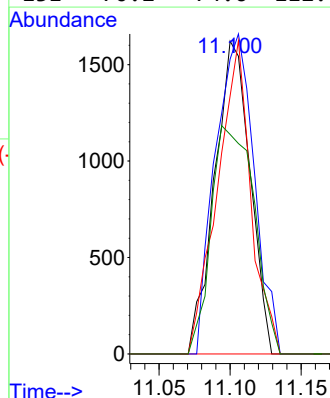
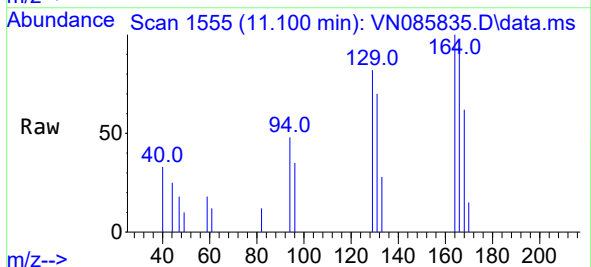
Instrument :
MSVOA_X
ClientSampleId :

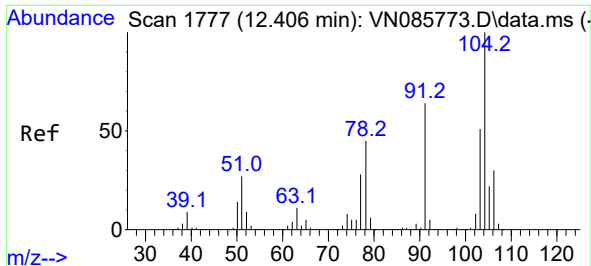
Tgt Ion:117 Resp: 376021
Ion Ratio Lower Upper
117 100
82 56.9 45.7 68.5
119 31.6 26.2 39.2



#64
Tetrachloroethene
Concen: 0.97 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24

Tgt Ion:164 Resp: 2812
Ion Ratio Lower Upper
164 100
166 94.3 107.2 160.8#
129 82.5 80.7 121.1
131 70.2 74.6 112.0#

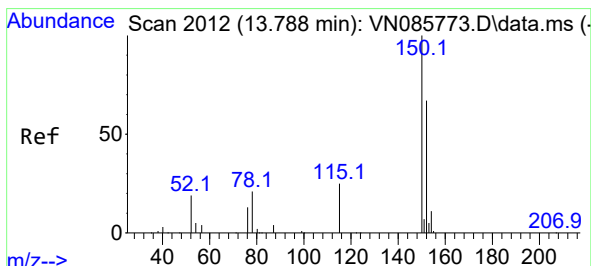
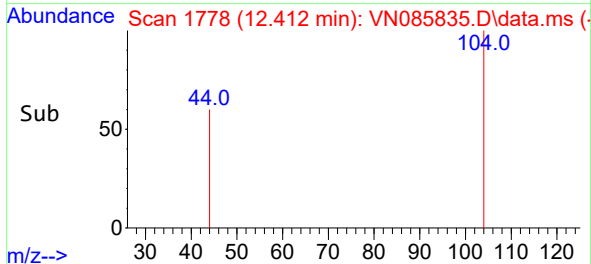
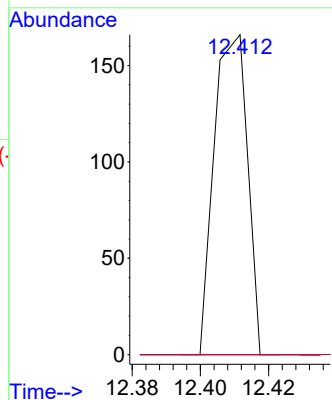
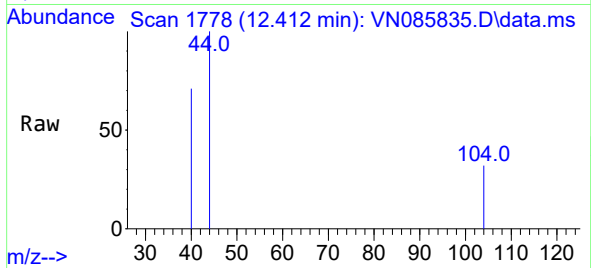




#70
Styrene
Concen: 0.60 ug/l
RT: 12.412 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24

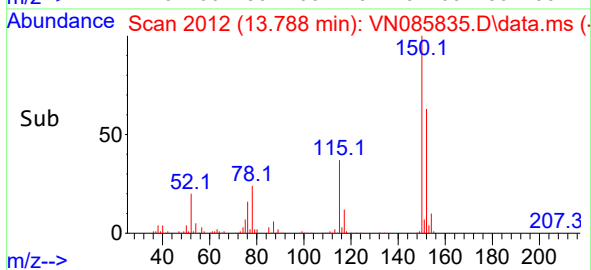
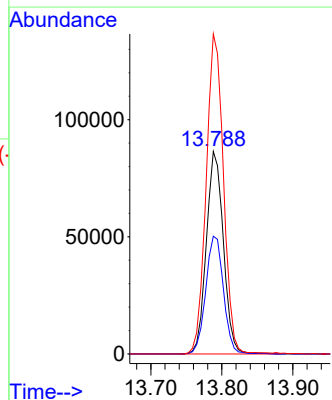
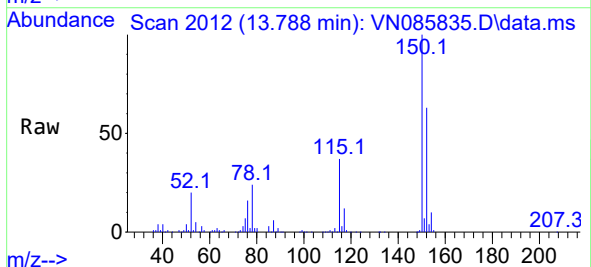
Instrument :
MSVOA_X
ClientSampleId :

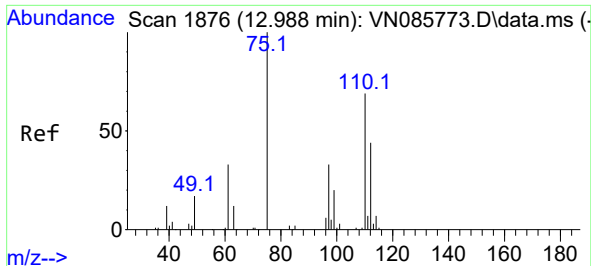
Tgt Ion:104 Resp: 113
Ion Ratio Lower Upper
104 100
78 0.0 39.0 58.6#
103 0.0 43.3 64.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24

Tgt Ion:152 Resp: 144563
Ion Ratio Lower Upper
152 100
115 60.2 30.4 91.3
150 159.9 0.0 345.4

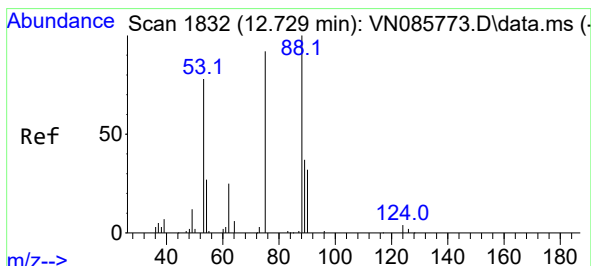
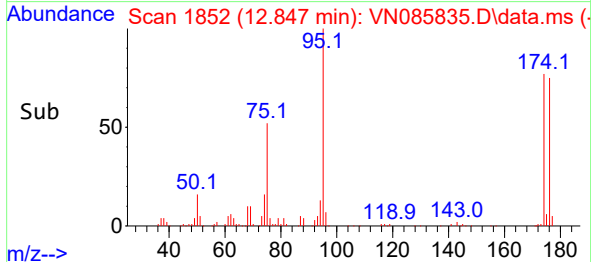
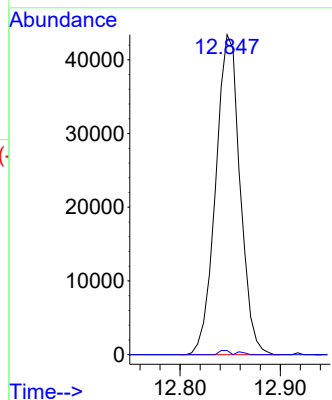
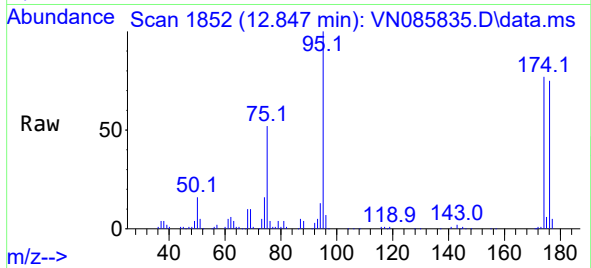




#76
1,2,3-Trichloropropane
Concen: 22.80 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24

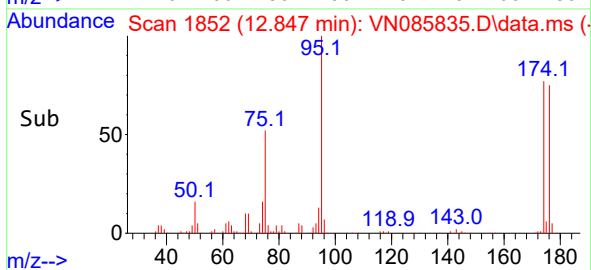
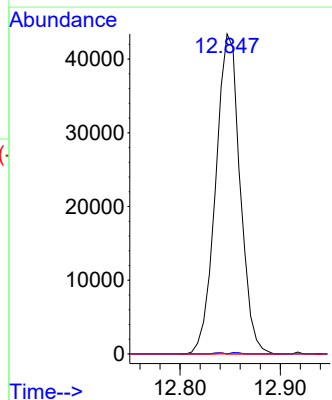
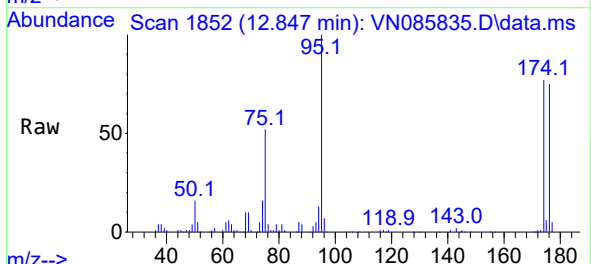
Instrument :
MSVOA_X
ClientSampleId :

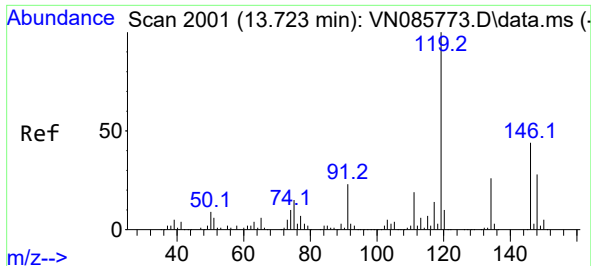
Tgt Ion: 75 Resp: 73207
Ion Ratio Lower Upper
75 100
77 0.9 100.0 300.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.52 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.118 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24

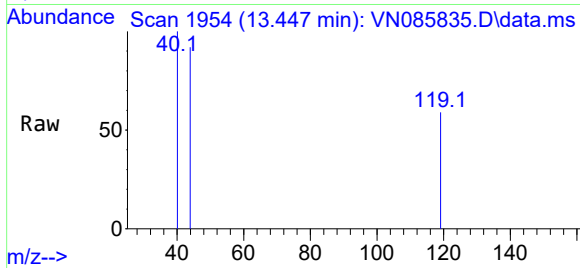
Tgt Ion: 75 Resp: 73207
Ion Ratio Lower Upper
75 100
53 0.2 74.2 111.4#
89 0.0 34.9 52.3#



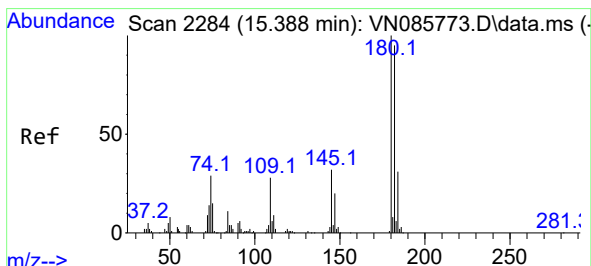
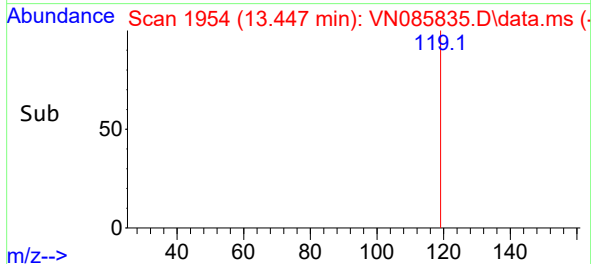
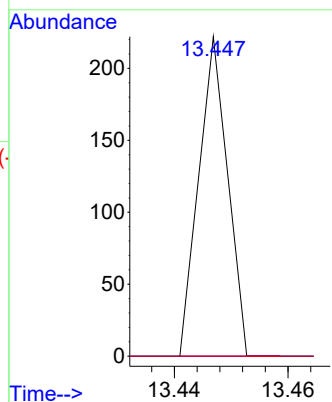


#86
p-Isopropyltoluene
Concen: 0.63 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.276 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24

Instrument :
MSVOA_X
ClientSampleId :

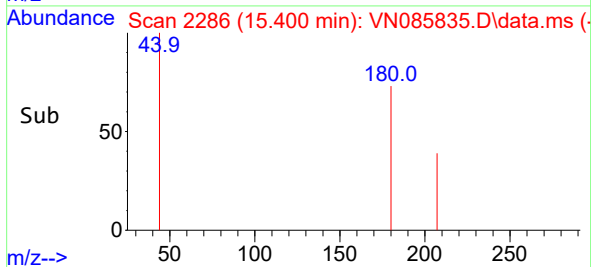
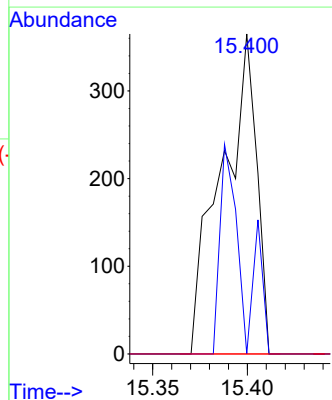
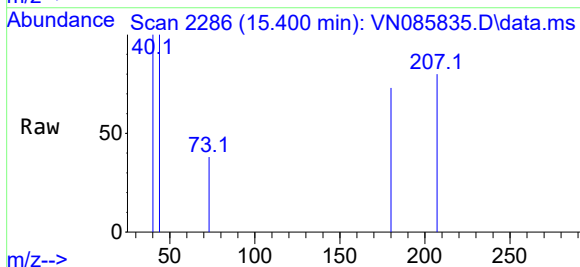


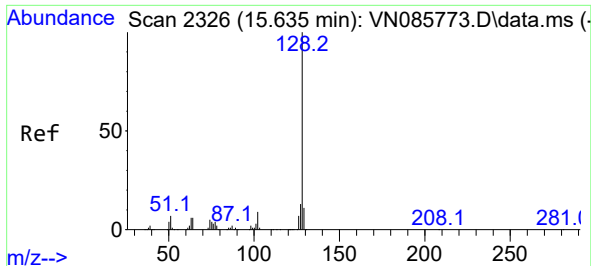
Tgt Ion:119 Resp: 78
Ion Ratio Lower Upper
119 100
134 0.0 13.0 39.0#
91 0.0 11.7 35.1#



#93
1,2,4-Trichlorobenzene
Concen: 0.20 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.012 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24

Tgt Ion:180 Resp: 470
Ion Ratio Lower Upper
180 100
182 41.9 47.3 141.9#
145 0.0 16.2 48.5#

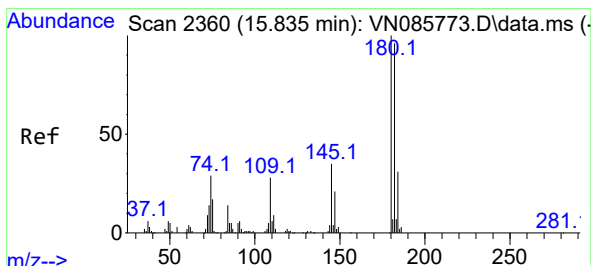
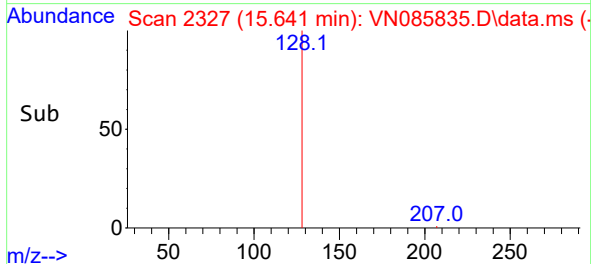
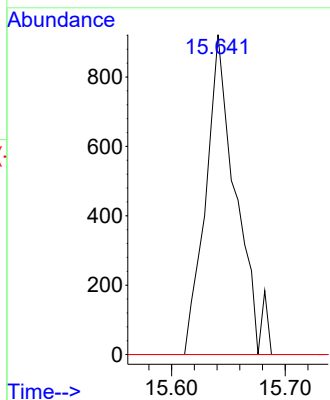
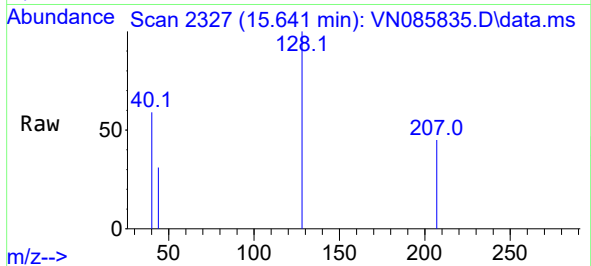




#95
Naphthalene
Concen: 0.27 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 1698
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.24 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24

Tgt Ion:180 Resp: 543
Ion Ratio Lower Upper
180 100
182 28.5 47.3 141.8#
145 11.2 16.9 50.6#

