

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
 Data File : VN085219.D
 Acq On : 17 Dec 2024 12:44
 Operator : JC\MD
 Sample : VN1217MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 18 00:22:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

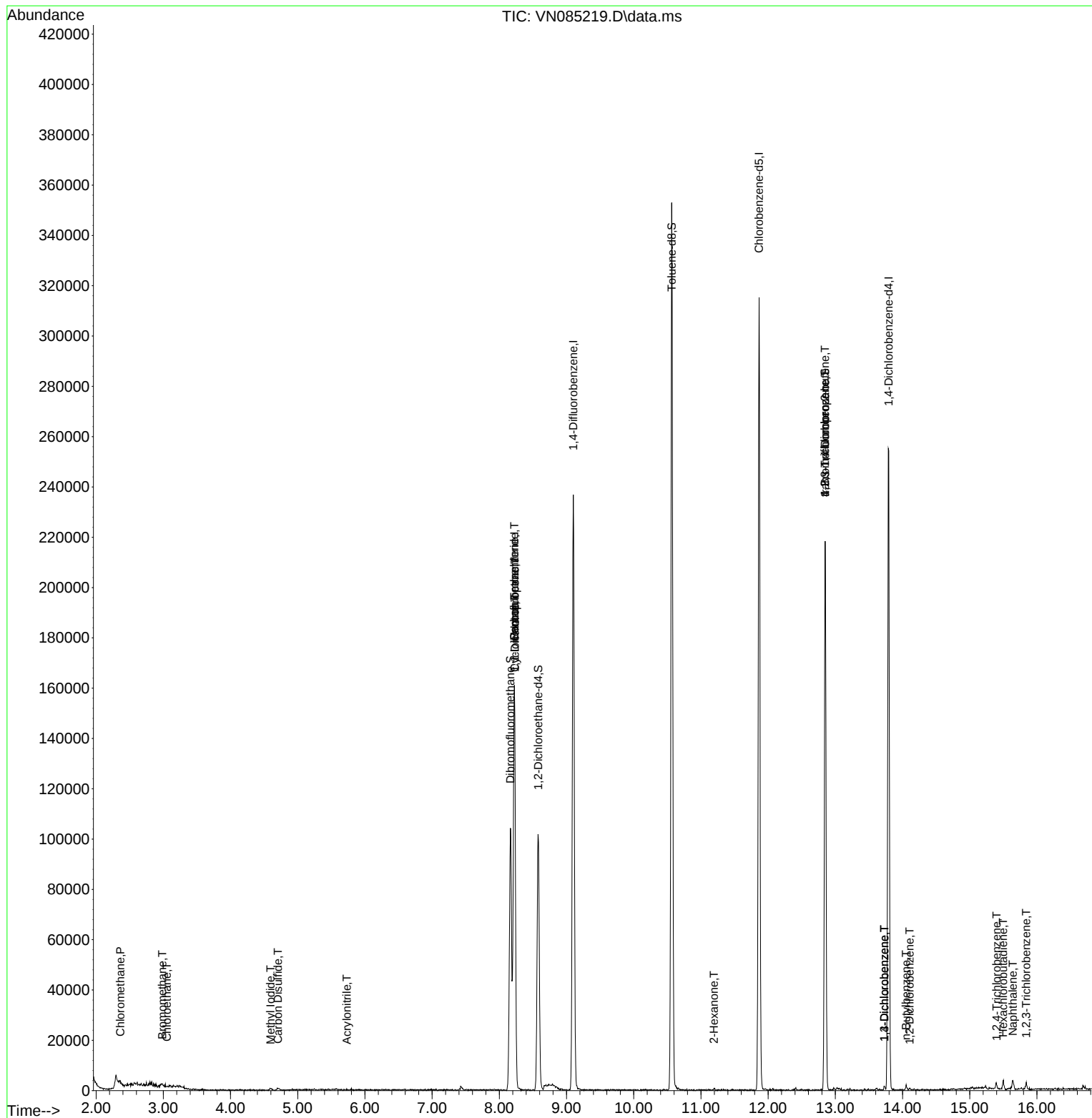
Internal Standards						
1) Pentafluorobenzene	8.224	168	113889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	202395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	177164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	70851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	88487	54.545	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.100%			
35) Dibromofluoromethane	8.165	113	72980	53.470	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.940%			
50) Toluene-d8	10.565	98	240335	49.134	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.260%			
62) 4-Bromofluorobenzene	12.847	95	75149	41.082	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 82.160%			
Target Compounds					Qvalue	
3) Chloromethane	2.359	50	523	0.350	ug/l #	75
5) Bromomethane	2.983	94	689	0.916	ug/l	93
6) Chloroethane	3.054	64	454	0.502	ug/l #	44
10) Methyl Iodide	4.595	142	1156	0.674	ug/l #	86
15) Acrylonitrile	5.730	53	141	0.230	ug/l #	50
17) Carbon Disulfide	4.706	76	1901	0.533	ug/l #	77
18) Methyl Acetate	5.024	43	54	Below Cal	#	50
31) Cyclohexane	8.230	56	2774	1.284	ug/l #	29
36) 1,1-Dichloropropene	8.230	75	9680	5.236	ug/l #	49
38) Carbon Tetrachloride	8.224	117	12401	5.811	ug/l #	17
59) 2-Hexanone	11.194	43	400	0.335	ug/l #	45
76) 1,2,3-Trichloropropane	12.847	75	39243	30.451	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	39243	67.223	ug/l #	10
87) 1,3-Dichlorobenzene	13.729	146	572	0.216	ug/l	80
88) 1,4-Dichlorobenzene	13.729	146	572	0.211	ug/l	82
89) n-Butylbenzene	14.053	91	1206	0.322	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	632	0.249	ug/l	81
93) 1,2,4-Trichlorobenzene	15.400	180	841	0.609	ug/l #	88
94) Hexachlorobutadiene	15.494	225	966	1.515	ug/l	92
95) Naphthalene	15.641	128	4299	1.093	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.841	180	1215	0.922	ug/l	85

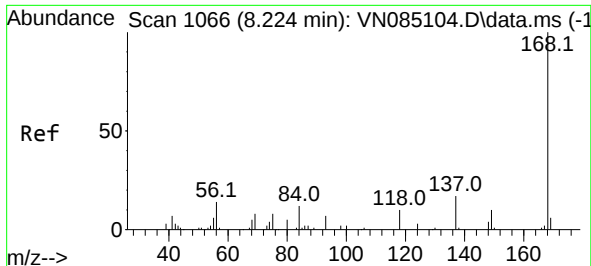
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
Data File : VN085219.D
Acq On : 17 Dec 2024 12:44
Operator : JC\MD
Sample : VN1217MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

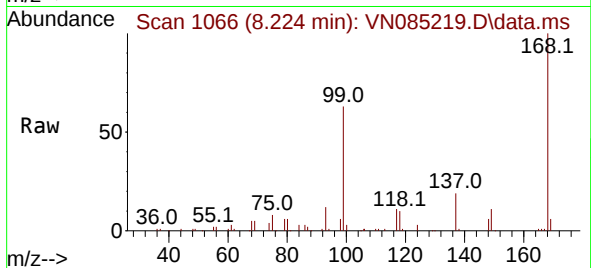
Quant Time: Dec 18 00:22:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration



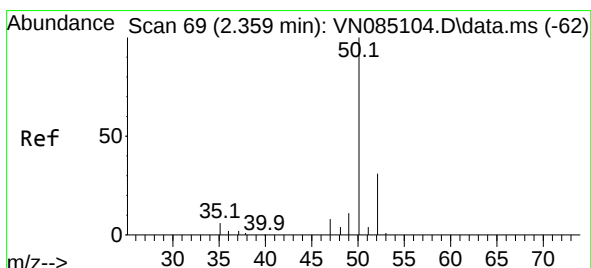
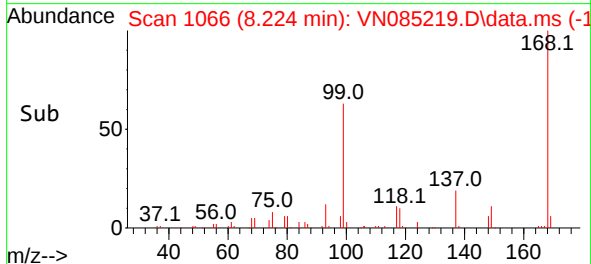
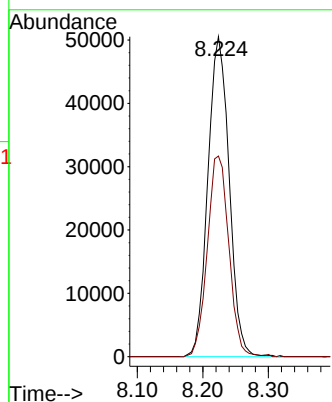


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085219.D
Acq: 17 Dec 2024 12:44

Instrument :
MSVOA_N
ClientSampleId :

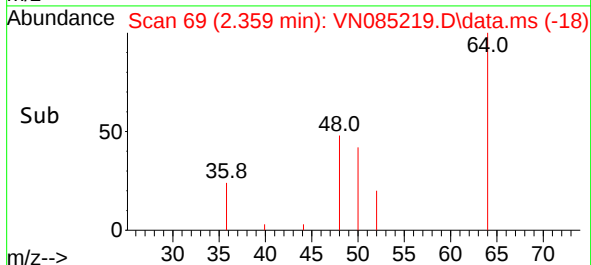
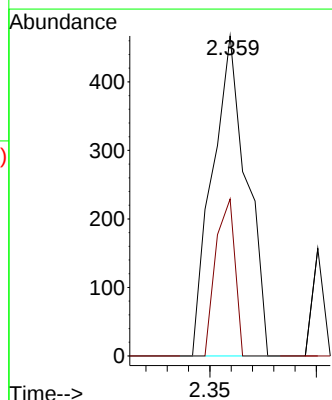
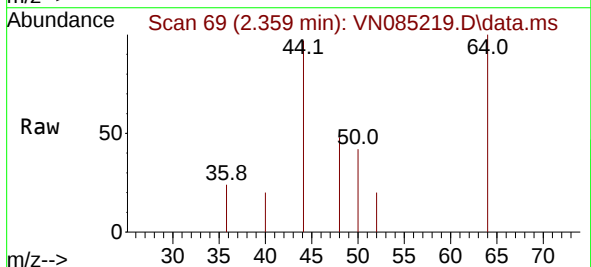


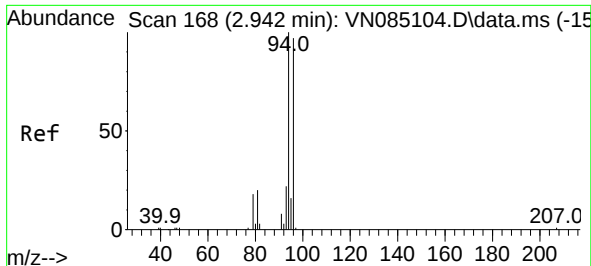
Tgt Ion:168 Resp: 113889
Ion Ratio Lower Upper
168 100
99 62.7 51.2 76.8



#3
Chloromethane
Concen: 0.350 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085219.D
Acq: 17 Dec 2024 12:44

Tgt Ion: 50 Resp: 523
Ion Ratio Lower Upper
50 100
52 49.0 27.8 41.8#

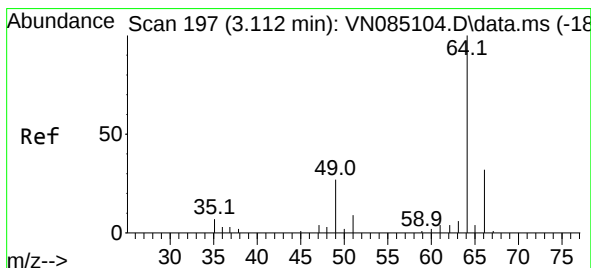
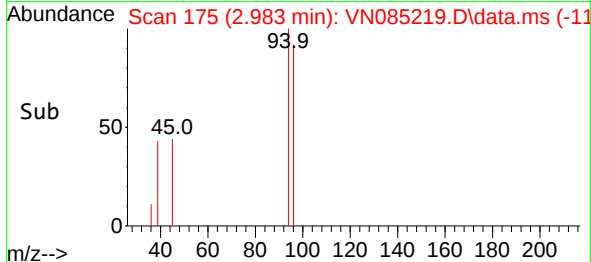
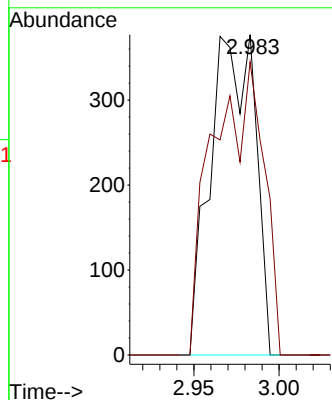
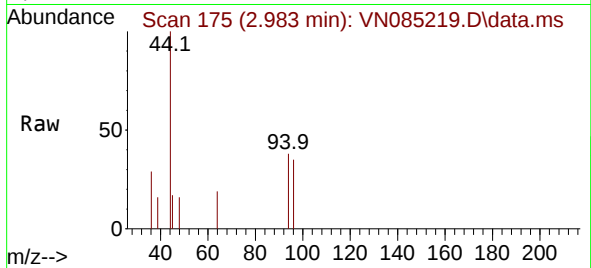




#5
Bromomethane
Concen: 0.916 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.082 min
Lab File: VN085219.D
Acq: 17 Dec 2024 12:44

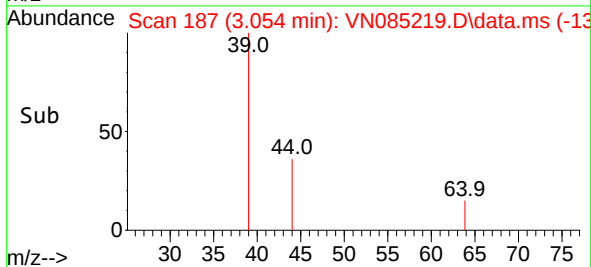
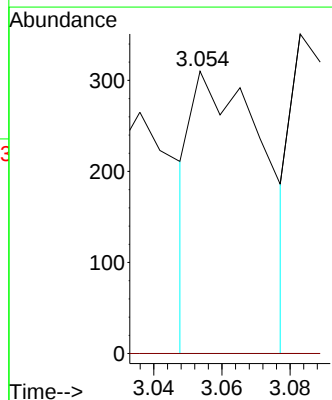
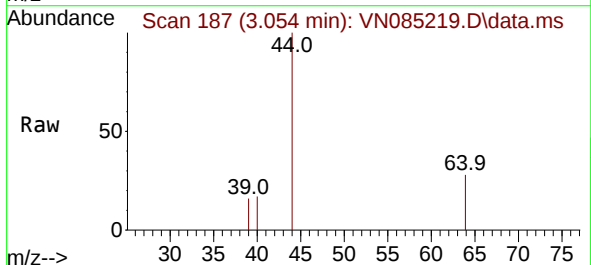
Instrument :
MSVOA_N
ClientSampleId :

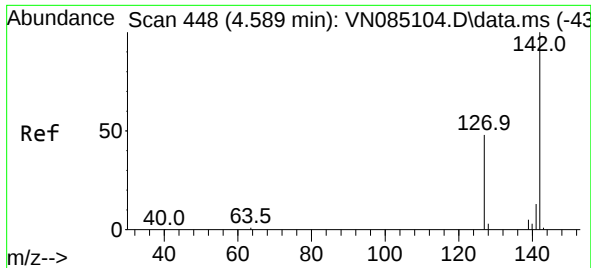
Tgt Ion: 94 Resp: 689
Ion Ratio Lower Upper
94 100
96 91.5 78.7 118.1



#6
Chloroethane
Concen: 0.502 ug/l
RT: 3.054 min Scan# 187
Delta R.T. -0.012 min
Lab File: VN085219.D
Acq: 17 Dec 2024 12:44

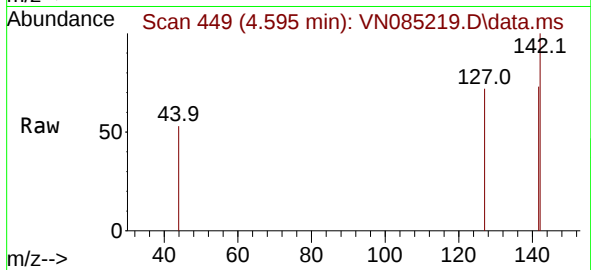
Tgt Ion: 64 Resp: 454
Ion Ratio Lower Upper
64 100
66 0.0 24.4 36.6#



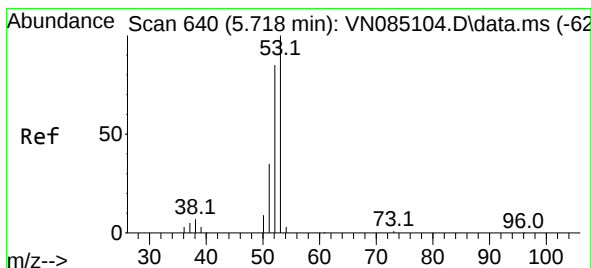
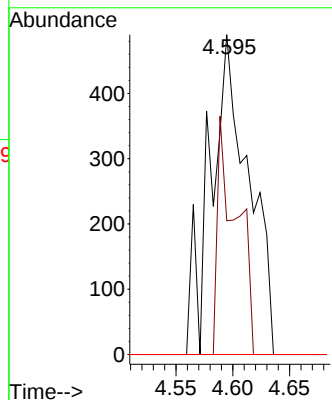
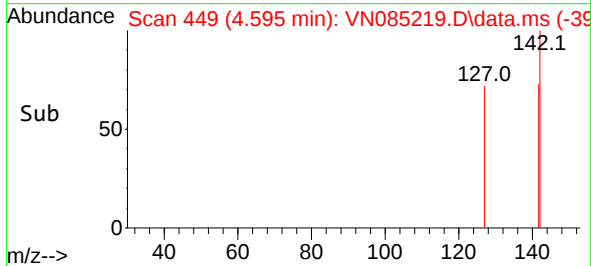


#10
Methyl Iodide
Concen: 0.674 ug/l
RT: 4.595 min Scan# 448
Delta R.T. 0.024 min
Lab File: VN085219.D
Acq: 17 Dec 2024 12:44

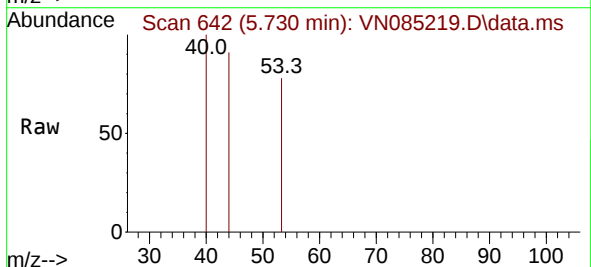
Instrument :
MSVOA_N
ClientSampleId :



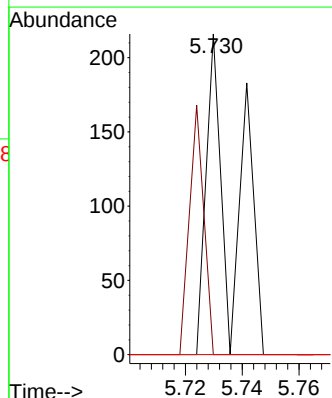
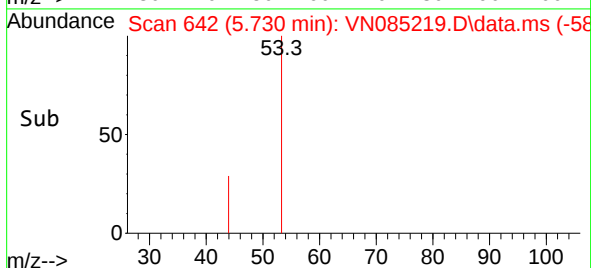
Tgt Ion:142 Resp: 1156
Ion Ratio Lower Upper
142 100
127 41.8 36.6 54.8
141 0.0 12.2 18.4#

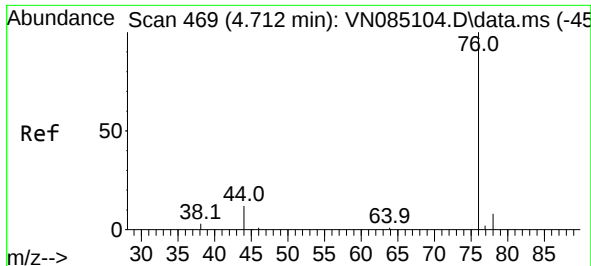


#15
Acrylonitrile
Concen: 0.230 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.018 min
Lab File: VN085219.D
Acq: 17 Dec 2024 12:44



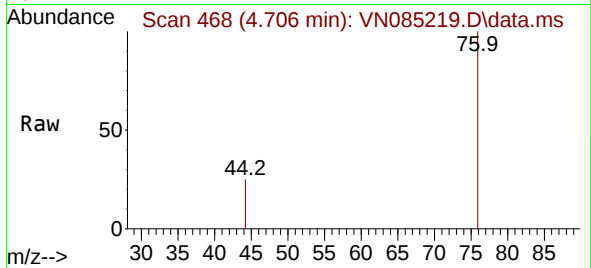
Tgt Ion: 53 Resp: 141
Ion Ratio Lower Upper
53 100
52 41.8 65.5 98.3#
51 0.0 28.4 42.6#



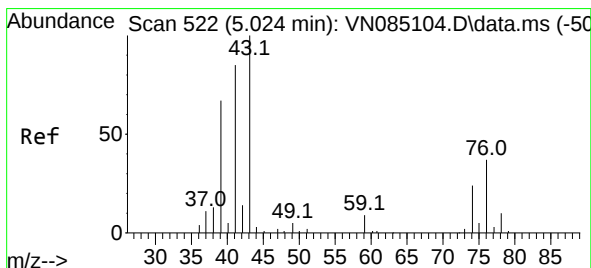
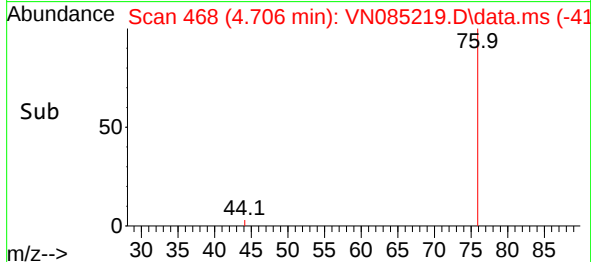
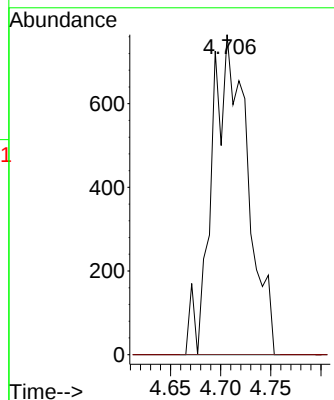


#17
Carbon Disulfide
Concen: 0.533 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN085219.D
Acq: 17 Dec 2024 12:44

Instrument :
MSVOA_N
ClientSampleId :

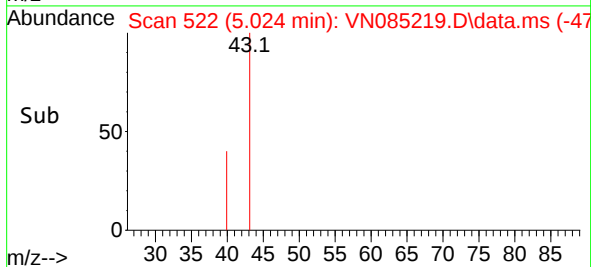
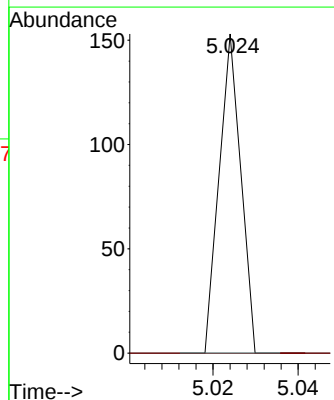
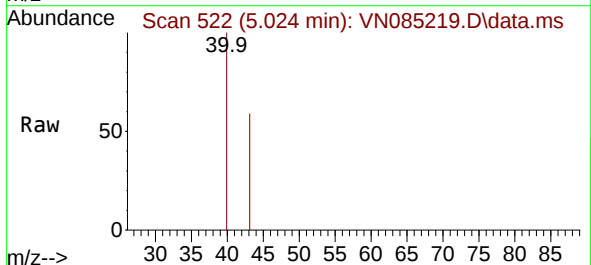


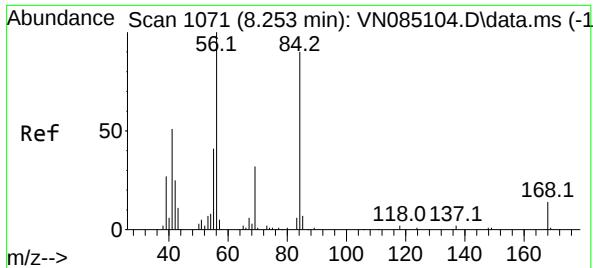
Tgt Ion: 76 Resp: 1901
Ion Ratio Lower Upper
76 100
78 0.0 6.5 9.7#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085219.D
Acq: 17 Dec 2024 12:44

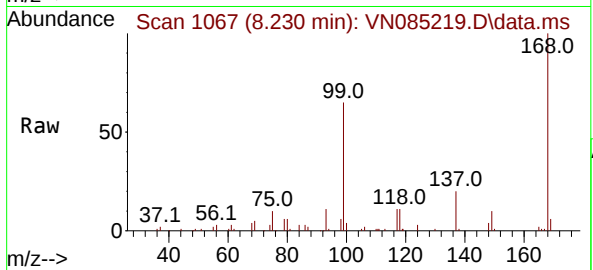
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



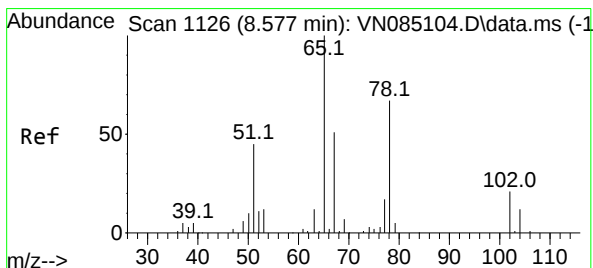
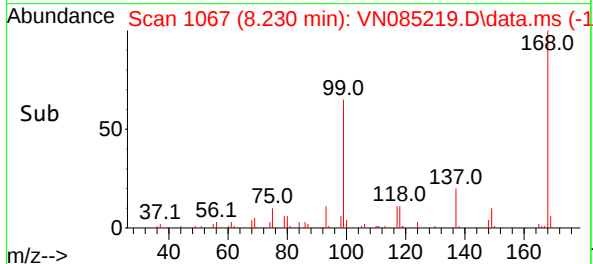
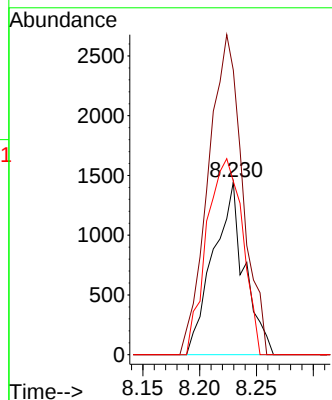


#31
Cyclohexane
Concen: 1.284 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN085219.D
Acq: 17 Dec 2024 12:44

Instrument :
MSVOA_N
ClientSampleId :

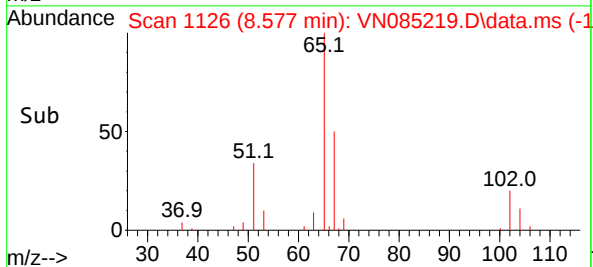
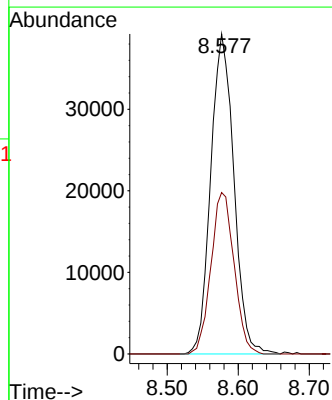
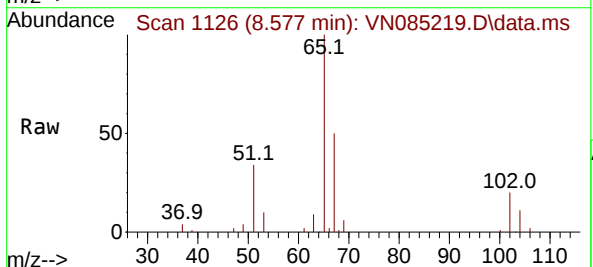


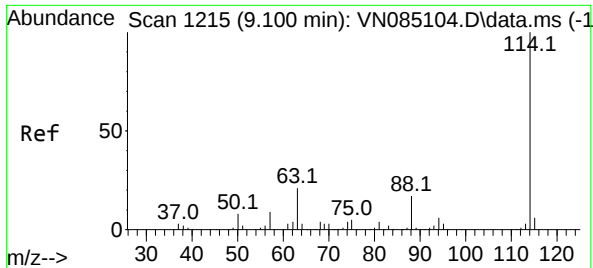
Tgt Ion: 56 Resp: 2774
Ion Ratio Lower Upper
56 100
69 164.8 24.6 36.8#
84 100.3 71.4 107.2



#33
1,2-Dichloroethane-d4
Concen: 54.545 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085219.D
Acq: 17 Dec 2024 12:44

Tgt Ion: 65 Resp: 88487
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.0

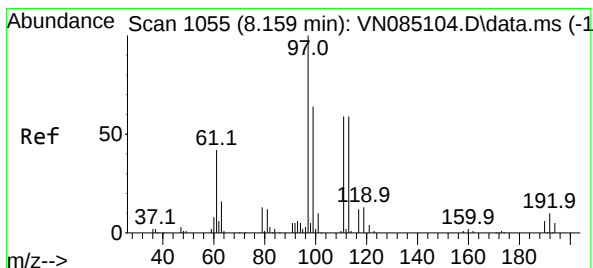
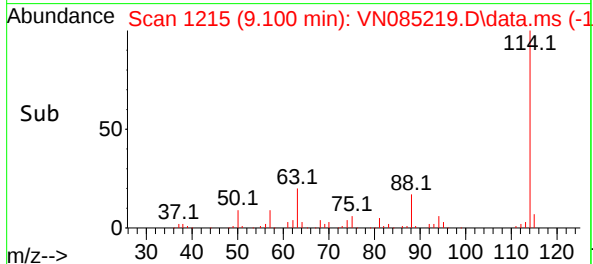
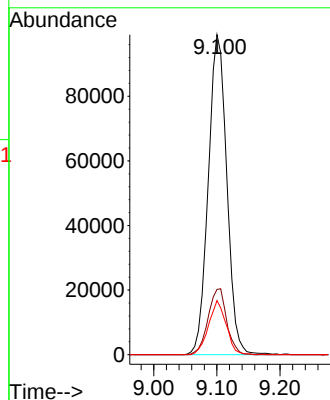
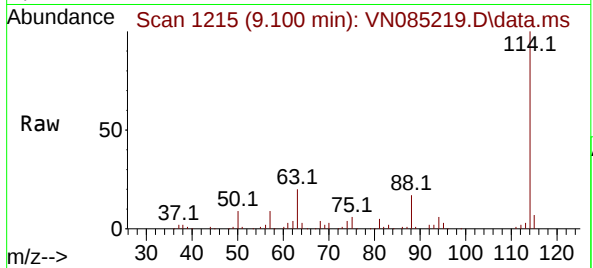




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085219.D
Acq: 17 Dec 2024 12:44

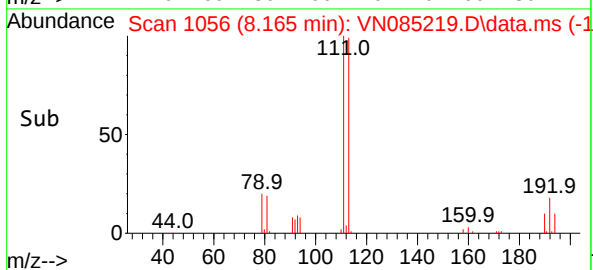
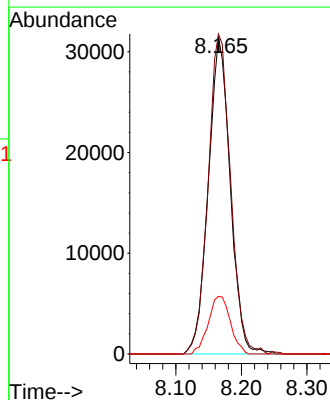
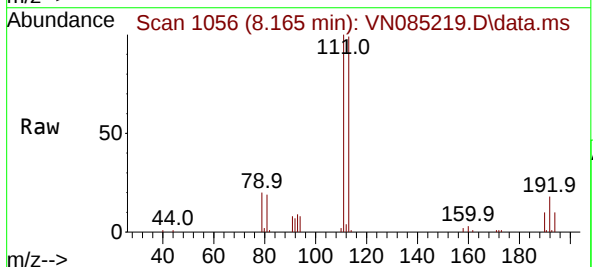
Instrument :
MSVOA_N
ClientSampleId :

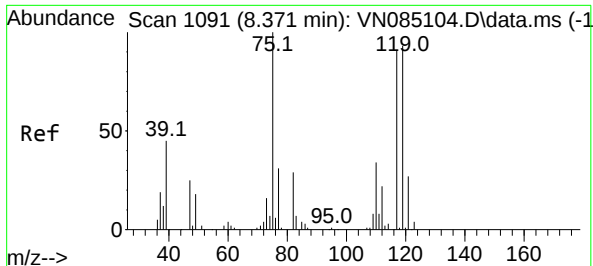
Tgt Ion:114 Resp: 202395
Ion Ratio Lower Upper
114 100
63 20.4 0.0 41.0
88 16.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 53.470 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085219.D
Acq: 17 Dec 2024 12:44

Tgt Ion:113 Resp: 72980
Ion Ratio Lower Upper
113 100
111 103.1 82.0 123.0
192 18.3 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.236 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN085219.D

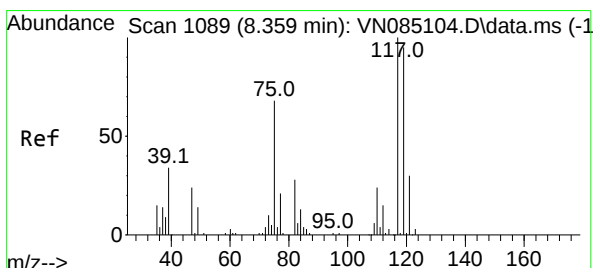
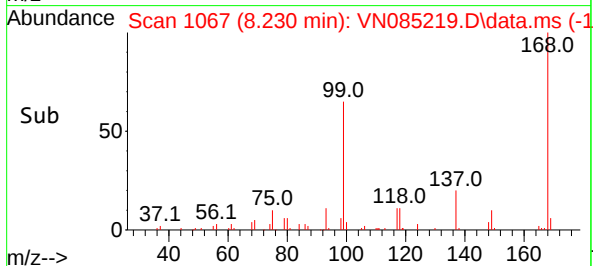
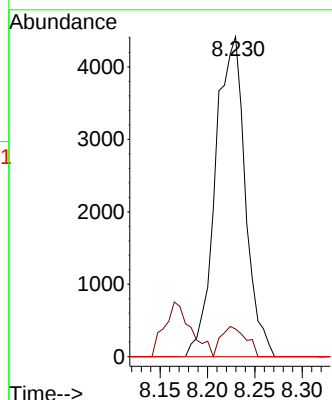
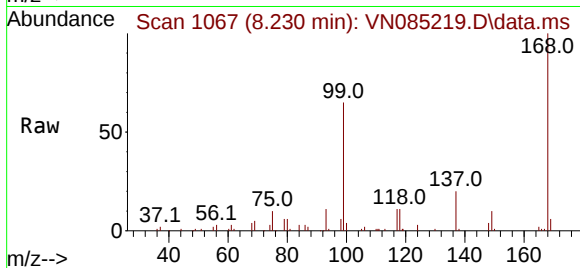
Acq: 17 Dec 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	9680
Ion	Ratio	Lower	Upper
75	100		
110	7.9	17.2	51.6#
77	0.0	24.2	36.4#



#38

Carbon Tetrachloride

Concen: 5.811 ug/l

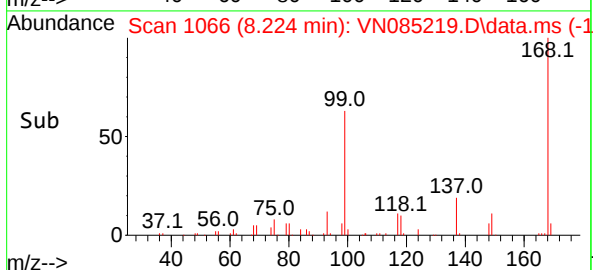
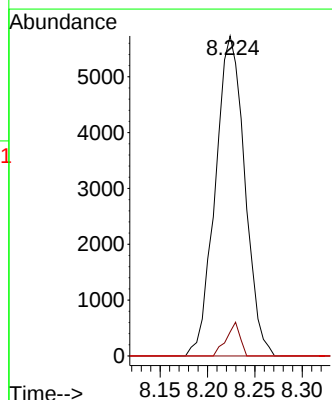
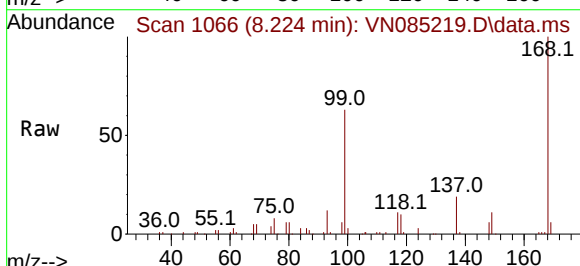
RT: 8.224 min Scan# 1066

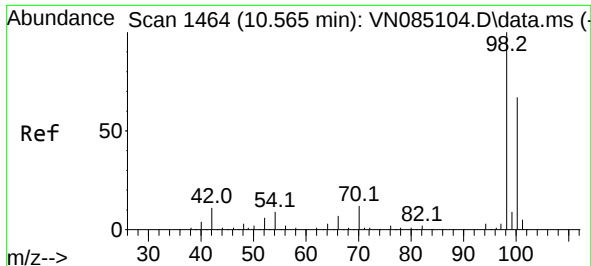
Delta R.T. -0.129 min

Lab File: VN085219.D

Acq: 17 Dec 2024 12:44

Tgt Ion:	117	Resp:	12401
Ion	Ratio	Lower	Upper
117	100		
119	7.5	78.6	117.8#
121	0.0	24.2	36.2#

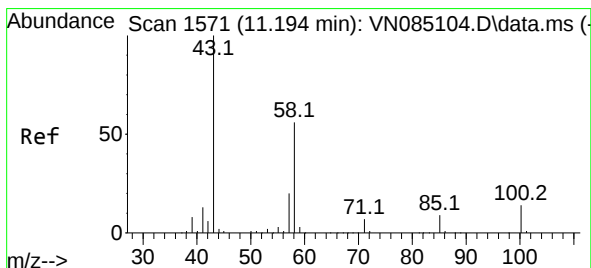
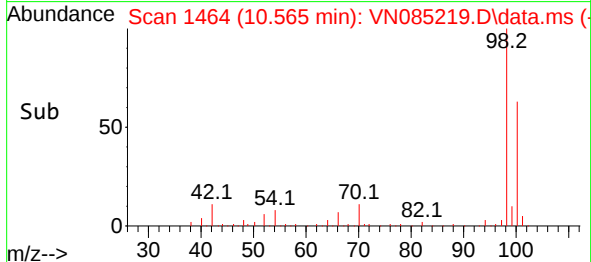
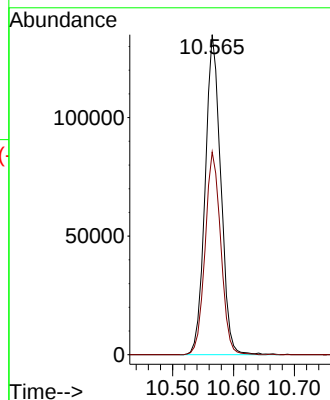
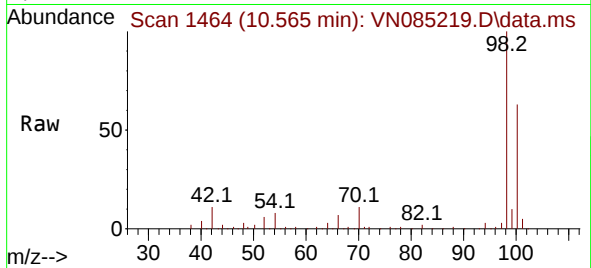




#50
Toluene-d8
Concen: 49.134 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085219.D
Acq: 17 Dec 2024 12:44

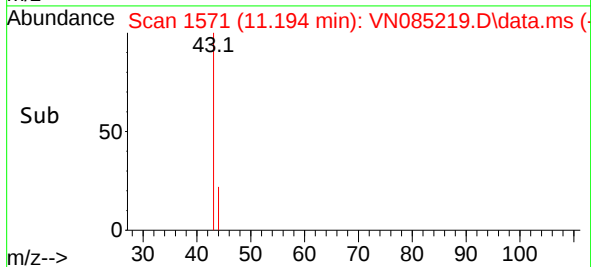
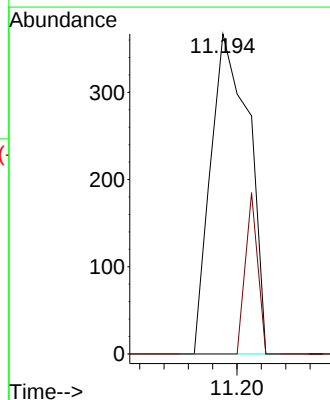
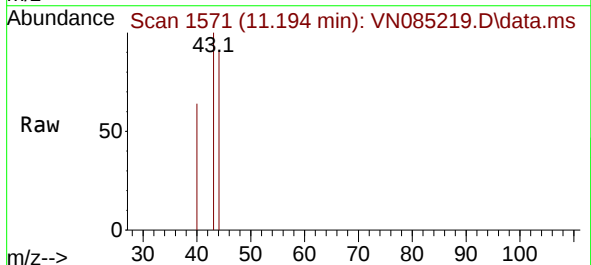
Instrument :
MSVOA_N
ClientSampleId :

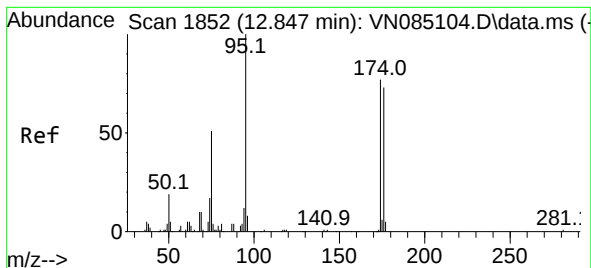
Tgt Ion: 98 Resp: 240335
Ion Ratio Lower Upper
98 100
100 63.4 52.5 78.7



#59
2-Hexanone
Concen: 0.335 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085219.D
Acq: 17 Dec 2024 12:44

Tgt Ion: 43 Resp: 400
Ion Ratio Lower Upper
43 100
58 16.3 28.3 85.0#

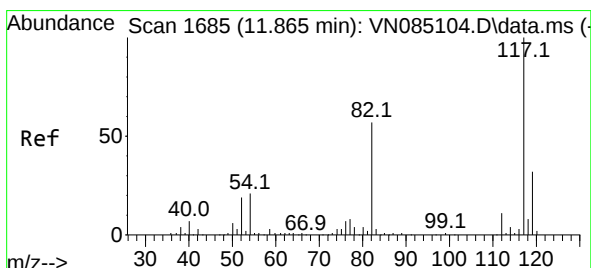
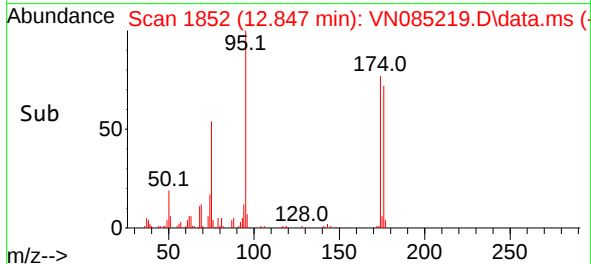
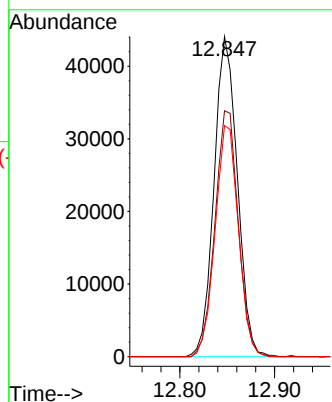
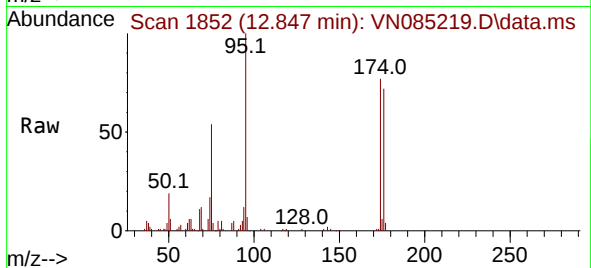




#62
4-Bromofluorobenzene
Concen: 41.082 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085219.D
Acq: 17 Dec 2024 12:44

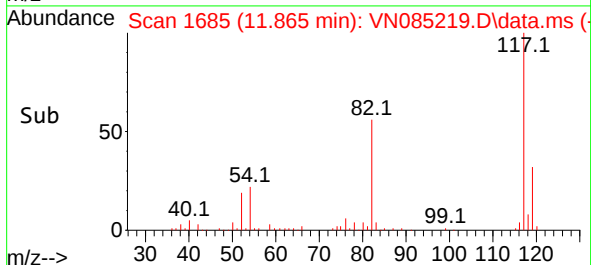
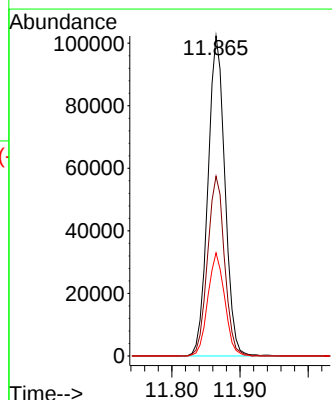
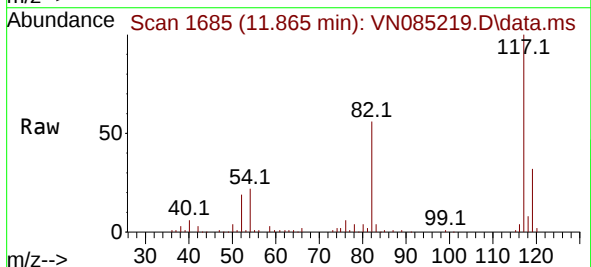
Instrument :
MSVOA_N
ClientSampleId :

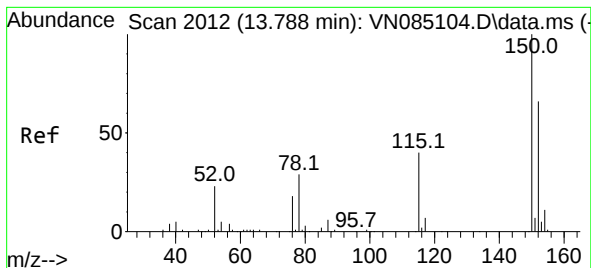
Tgt Ion: 95 Resp: 75149
Ion Ratio Lower Upper
95 100
174 77.1 0.0 146.6
176 72.4 0.0 141.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085219.D
Acq: 17 Dec 2024 12:44

Tgt Ion: 117 Resp: 177164
Ion Ratio Lower Upper
117 100
82 56.1 46.0 69.0
119 32.2 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.006 min

Lab File: VN085219.D

Acq: 17 Dec 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

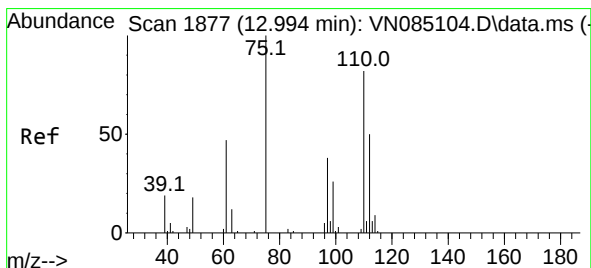
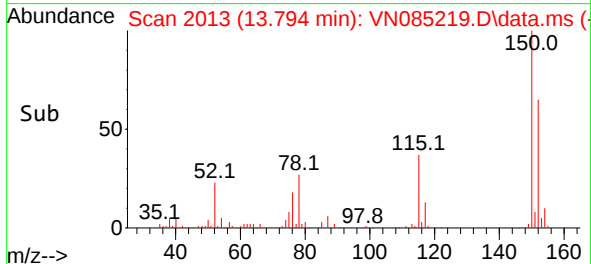
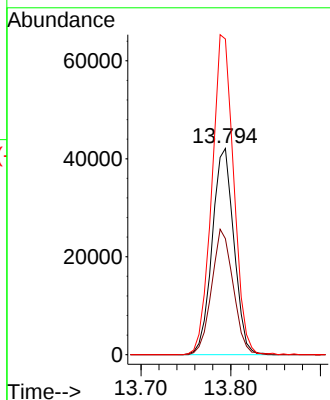
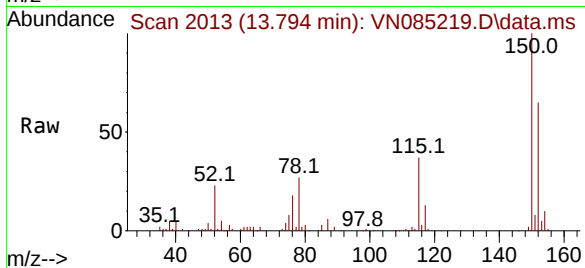
Tgt Ion:152 Resp: 70851

Ion Ratio Lower Upper

152 100

115 60.3 31.7 95.1

150 156.0 0.0 351.4



#76

1,2,3-Trichloropropane

Concen: 30.451 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN085219.D

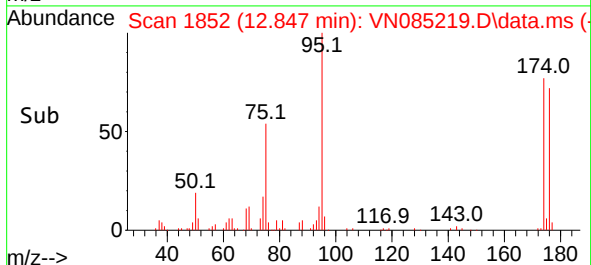
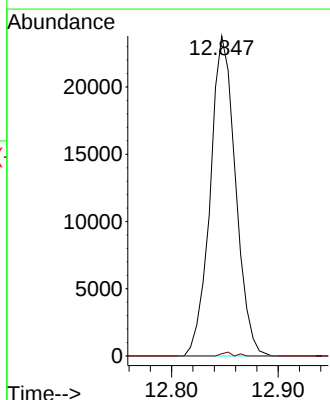
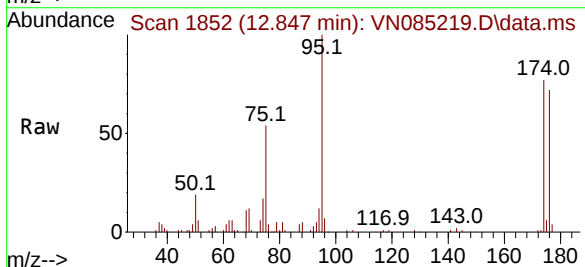
Acq: 17 Dec 2024 12:44

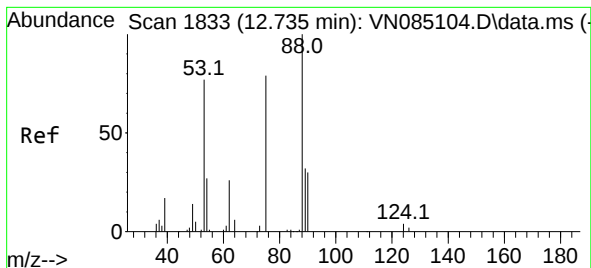
Tgt Ion: 75 Resp: 39243

Ion Ratio Lower Upper

75 100

77 0.6 109.1 327.4#

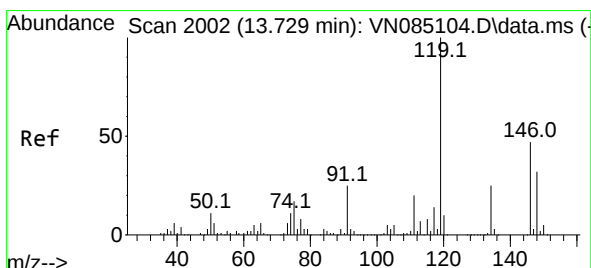
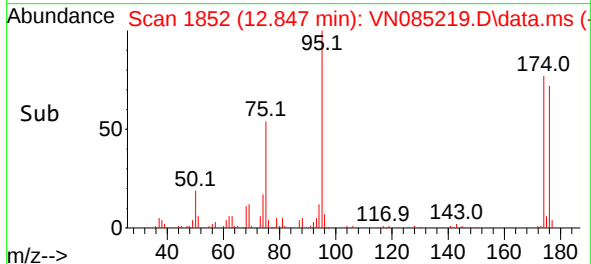
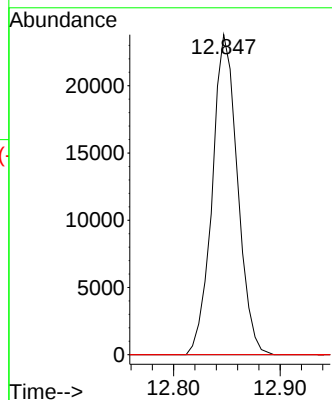
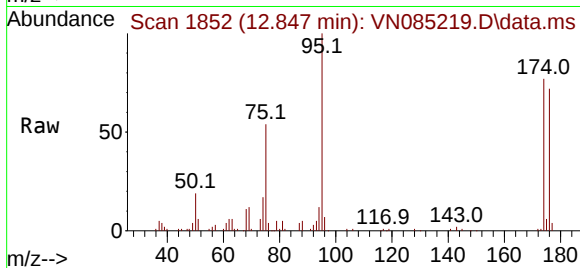




#81
trans-1,4-Dichloro-2-butene
Concen: 67.223 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN085219.D
Acq: 17 Dec 2024 12:44

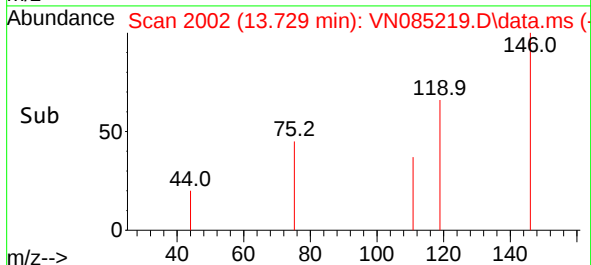
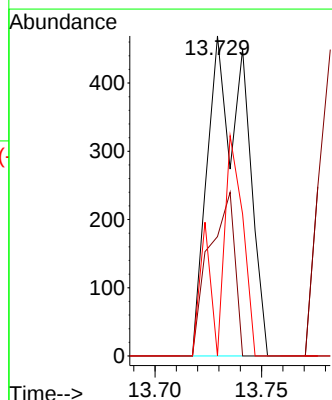
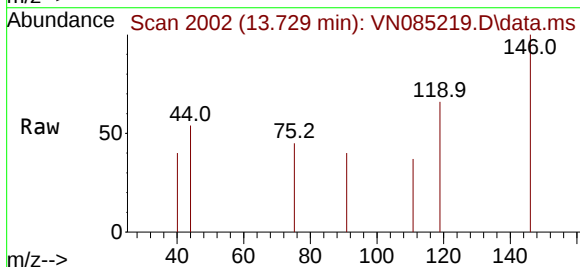
Instrument :
MSVOA_N
ClientSampleId :

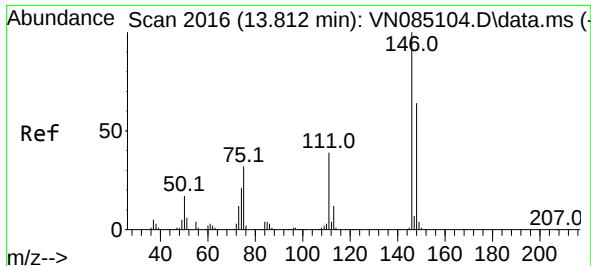
Tgt Ion: 75 Resp: 39243
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.4#
89 0.0 37.9 56.9#



#87
1,3-Dichlorobenzene
Concen: 0.216 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085219.D
Acq: 17 Dec 2024 12:44

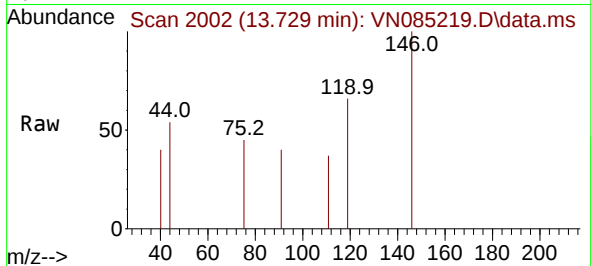
Tgt Ion:146 Resp: 572
Ion Ratio Lower Upper
146 100
111 35.0 21.6 65.0
148 44.9 32.2 96.6



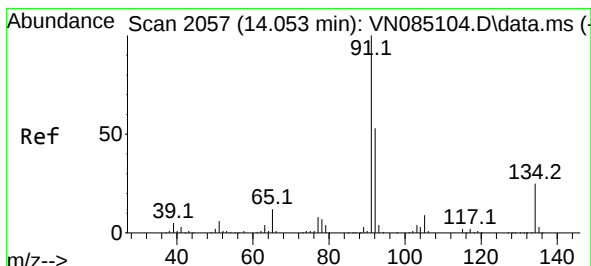
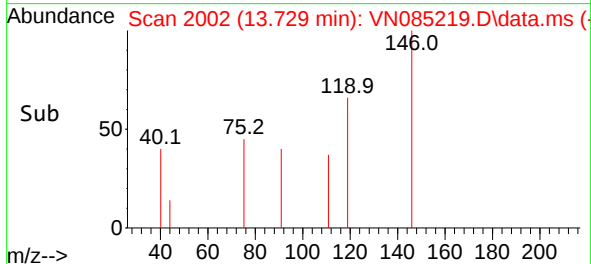
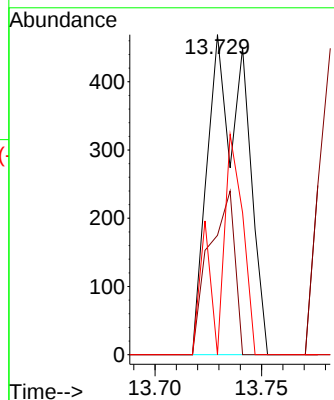


#88
1,4-Dichlorobenzene
Concen: 0.211 ug/l
RT: 13.729 min Scan# 2016
Delta R.T. -0.082 min
Lab File: VN085219.D
Acq: 17 Dec 2024 12:44

Instrument :
MSVOA_N
ClientSampleId :

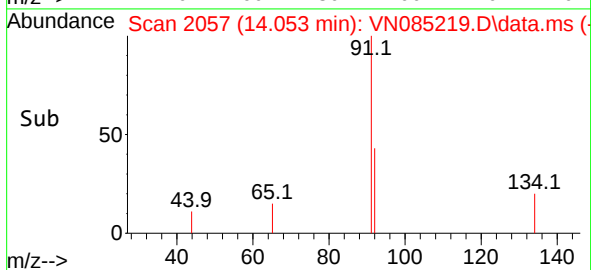
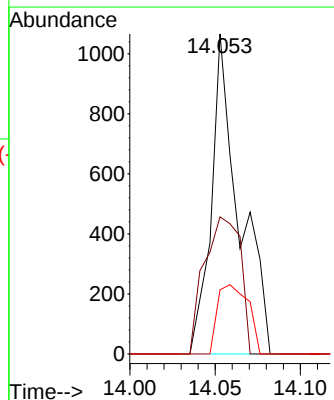
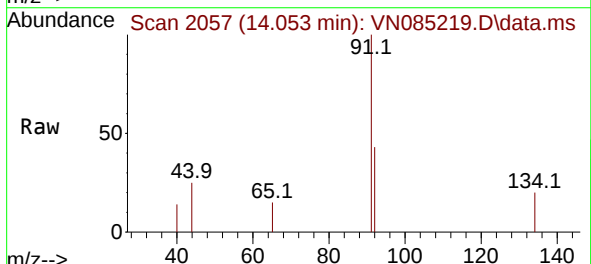


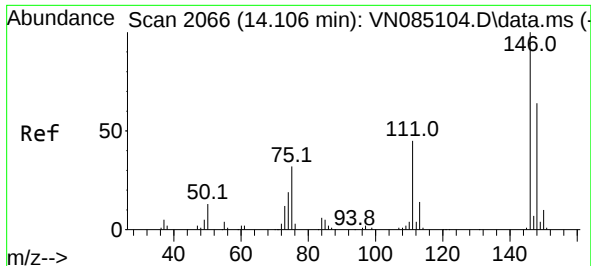
Tgt Ion:146 Resp: 572
Ion Ratio Lower Upper
146 100
111 35.0 20.9 62.8
148 44.9 31.3 93.9



#89
n-Butylbenzene
Concen: 0.322 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085219.D
Acq: 17 Dec 2024 12:44

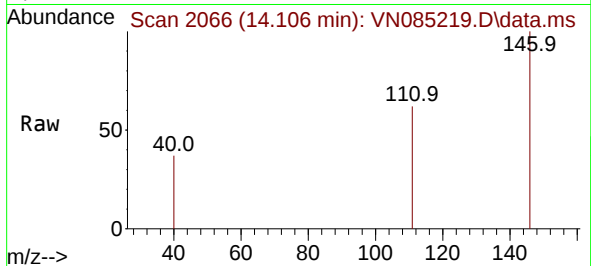
Tgt Ion: 91 Resp: 1206
Ion Ratio Lower Upper
91 100
92 55.6 26.8 80.3
134 24.0 12.8 38.4



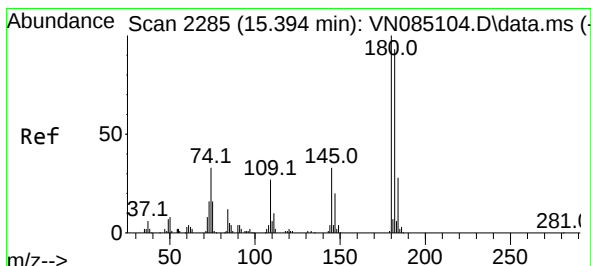
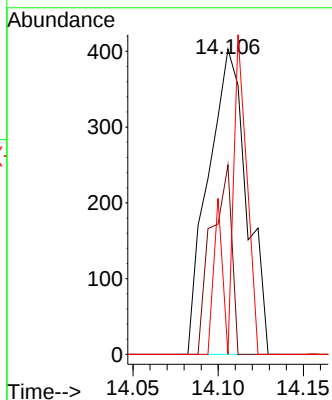
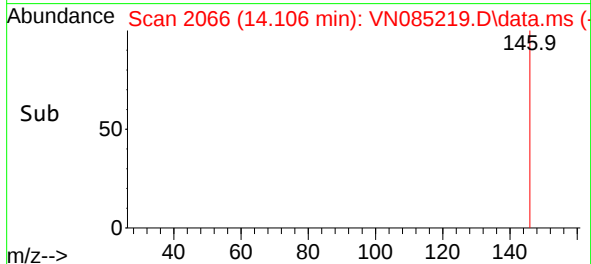


#91
1,2-Dichlorobenzene
Concen: 0.249 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN085219.D
Acq: 17 Dec 2024 12:44

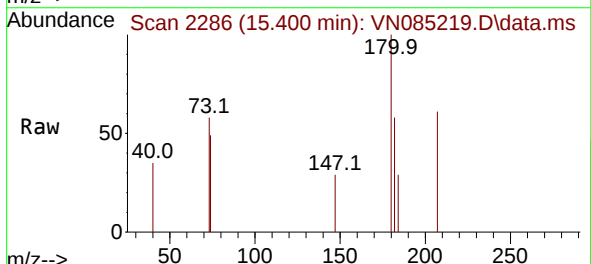
Instrument :
MSVOA_N
ClientSampleId :



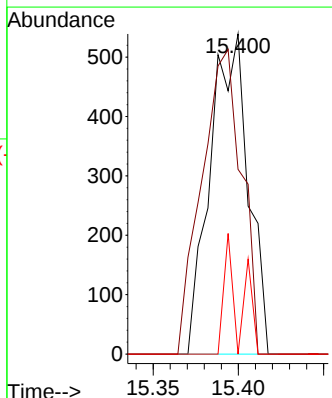
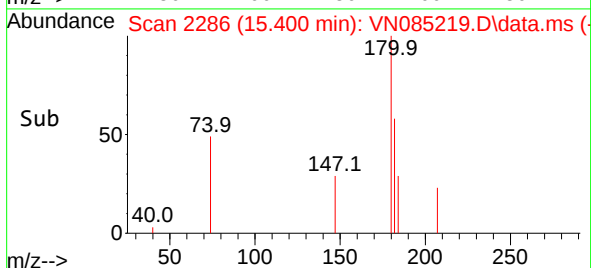
Tgt Ion:146 Resp: 632
Ion Ratio Lower Upper
146 100
111 32.8 21.9 65.8
148 47.0 31.1 93.2

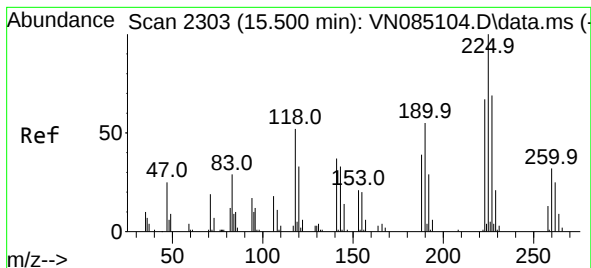


#93
1,2,4-Trichlorobenzene
Concen: 0.609 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.012 min
Lab File: VN085219.D
Acq: 17 Dec 2024 12:44



Tgt Ion:180 Resp: 841
Ion Ratio Lower Upper
180 100
182 99.3 46.9 140.8
145 15.2 16.3 48.8#





#94

Hexachlorobutadiene

Concen: 1.515 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN085219.D

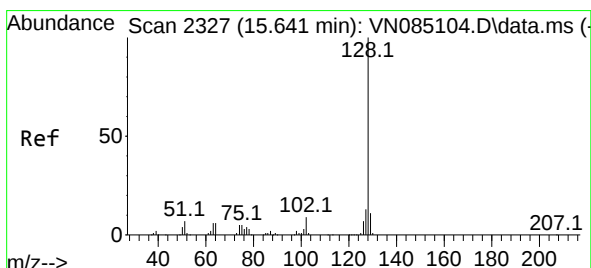
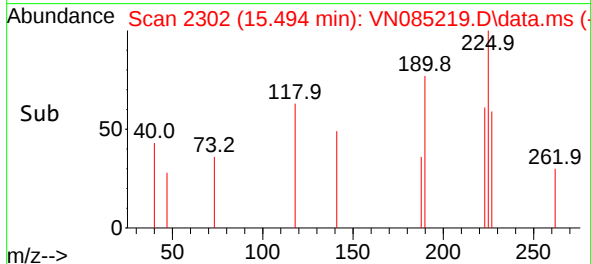
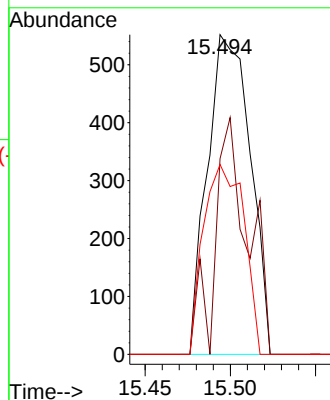
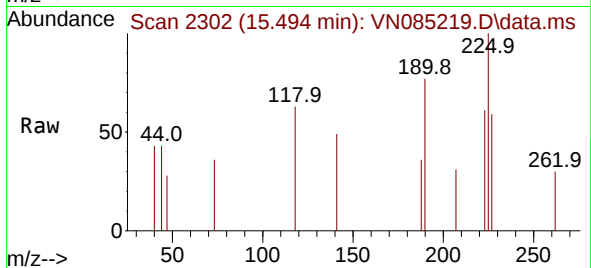
Acq: 17 Dec 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:225	Resp:	966
Ion	Ratio	Lower Upper
225	100	
223	57.0	30.9 92.8
227	56.1	31.5 94.5



#95

Naphthalene

Concen: 1.093 ug/l

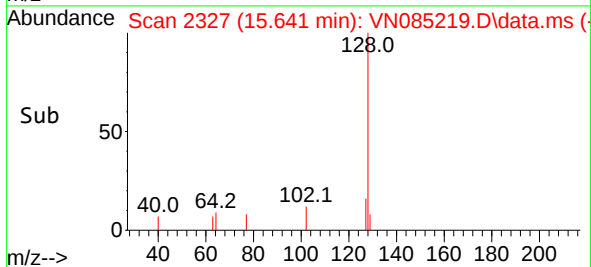
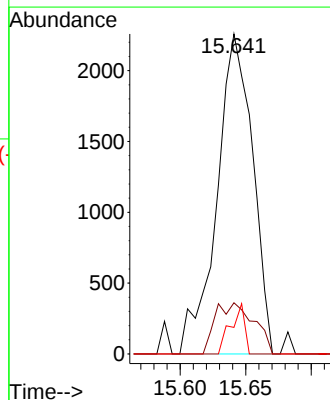
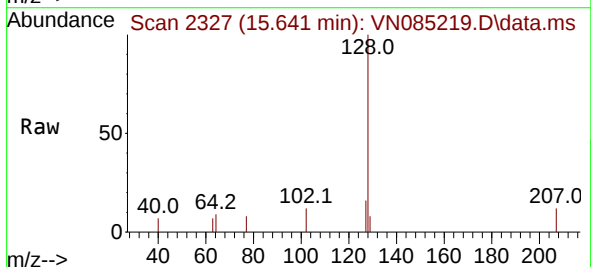
RT: 15.641 min Scan# 2327

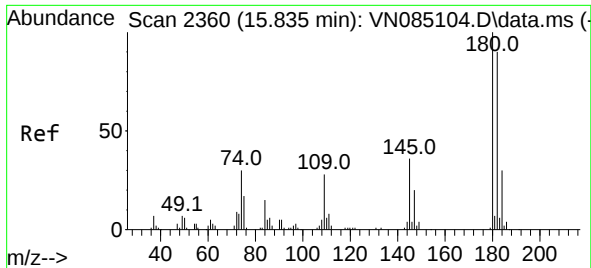
Delta R.T. -0.000 min

Lab File: VN085219.D

Acq: 17 Dec 2024 12:44

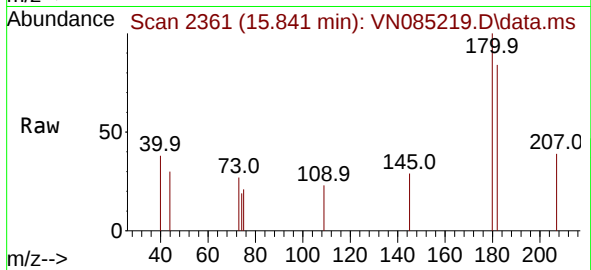
Tgt Ion:128	Resp:	4299
Ion	Ratio	Lower Upper
128	100	
127	17.2	10.6 16.0#
129	6.1	8.6 12.8#





#96
1,2,3-Trichlorobenzene
Concen: 0.922 ug/l
RT: 15.841 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN085219.D
Acq: 17 Dec 2024 12:44

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	180	Resp:	1215
Ion	Ratio	Lower	Upper
180	100		
182	81.0	46.4	139.2
145	22.7	17.3	52.0

