

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120424\
 Data File : VN085086.D
 Acq On : 04 Dec 2024 11:50
 Operator : JC\MD
 Sample : VN1204WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 04 22:02:28 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	155240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	271880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	231756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	89427	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113375	51.271	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.540%
35) Dibromofluoromethane	8.165	113	93450	50.969	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.940%
50) Toluene-d8	10.565	98	310609	47.272	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.540%
62) 4-Bromofluorobenzene	12.847	95	106097	43.177	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	86.360%

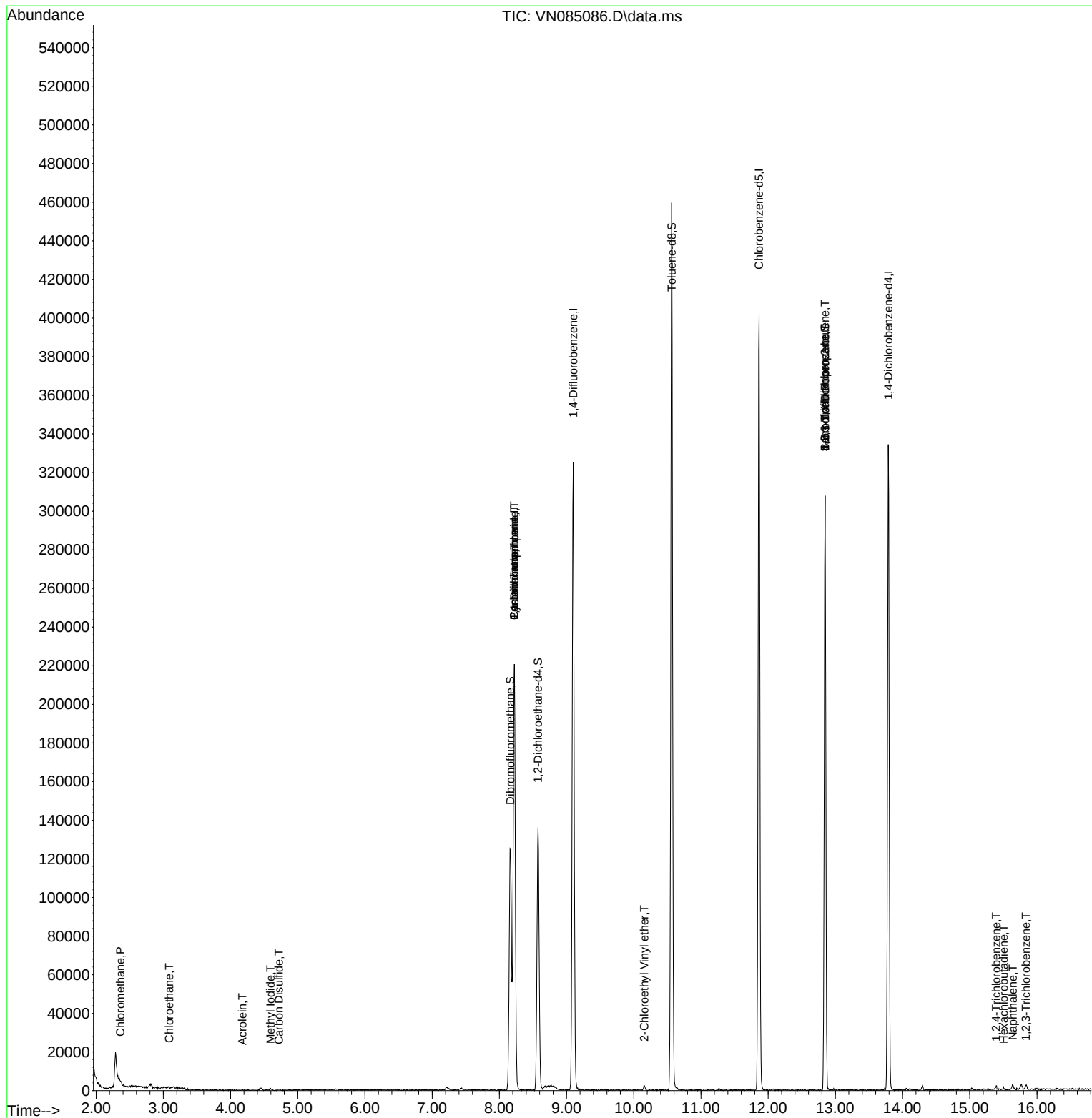
Target Compounds					Qvalue	
3) Chloromethane	2.359	50	992	0.487	ug/l #	40
6) Chloroethane	3.089	64	356	0.289	ug/l #	44
10) Methyl Iodide	4.594	142	1253	0.536	ug/l #	71
13) Acrolein	4.177	56	78	0.396	ug/l #	16
17) Carbon Disulfide	4.718	76	1124	0.231	ug/l #	77
18) Methyl Acetate	5.030	43	244	Below Cal	#	50
31) Cyclohexane	8.224	56	3485	1.183	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	12991	5.231	ug/l #	52
38) Carbon Tetrachloride	8.224	117	17475	6.096	ug/l #	15
58) 2-Chloroethyl Vinyl ether	10.159	63	1153	0.929	ug/l #	83
71) Bromoform	12.847	173	781	0.569	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	56166	34.529	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	56166	76.226	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.394	180	634	0.364	ug/l #	75
94) Hexachlorobutadiene	15.505	225	400	0.497	ug/l #	40
95) Naphthalene	15.641	128	3353	0.675	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.835	180	1198	0.720	ug/l	94

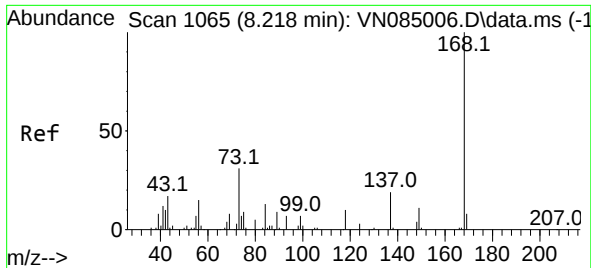
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120424\
Data File : VN085086.D
Acq On : 04 Dec 2024 11:50
Operator : JC\MD
Sample : VN1204WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 04 22:02:28 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

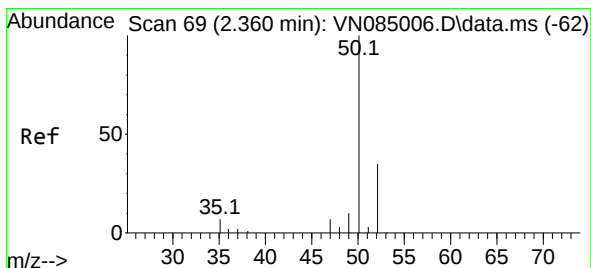
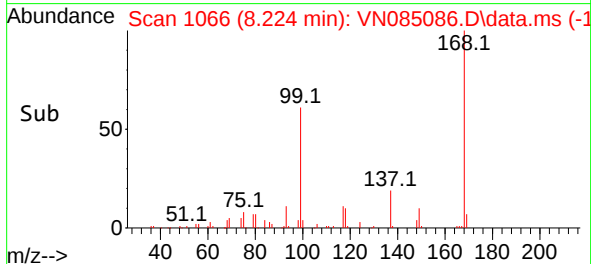
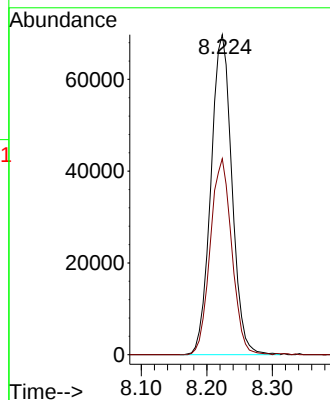
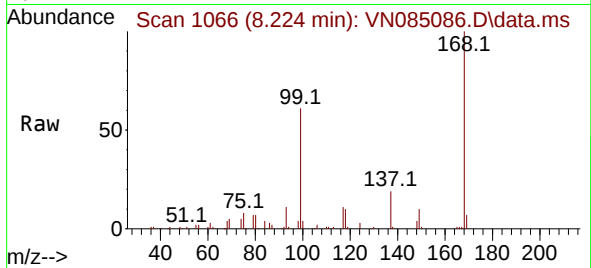




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085086.D
Acq: 04 Dec 2024 11:50

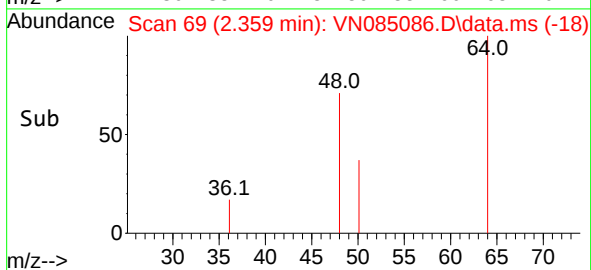
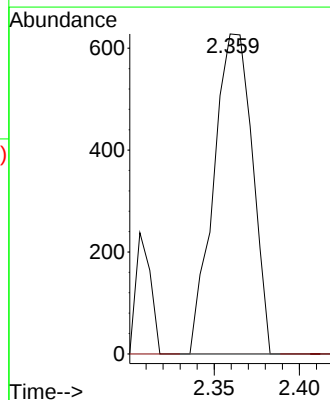
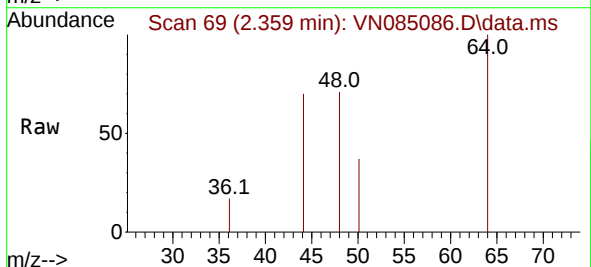
Instrument :
MSVOA_N
ClientSampleId :

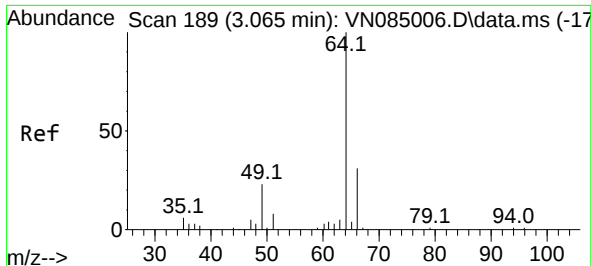
Tgt Ion:168 Resp: 155240
Ion Ratio Lower Upper
168 100
99 61.3 51.2 76.8



#3
Chloromethane
Concen: 0.487 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085086.D
Acq: 04 Dec 2024 11:50

Tgt Ion: 50 Resp: 992
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

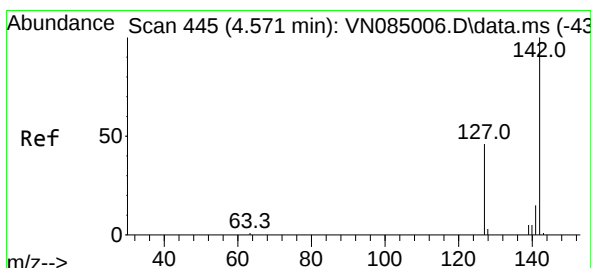
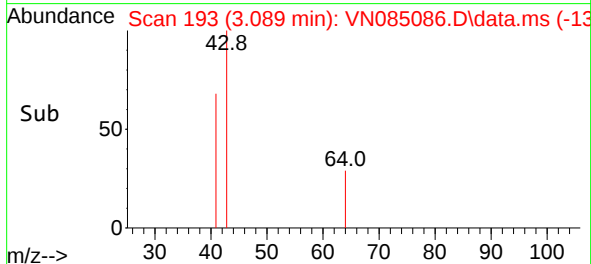
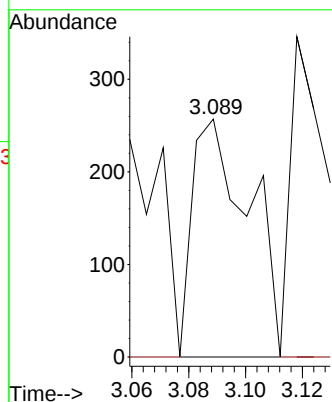
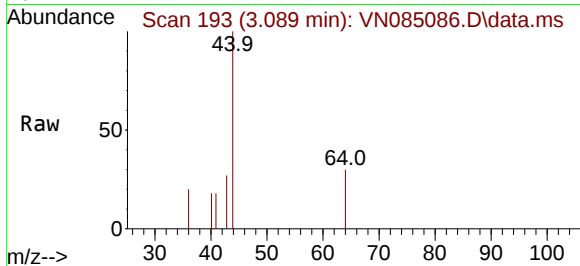




#6
Chloroethane
Concen: 0.289 ug/l
RT: 3.089 min Scan# 193
Delta R.T. 0.023 min
Lab File: VN085086.D
Acq: 04 Dec 2024 11:50

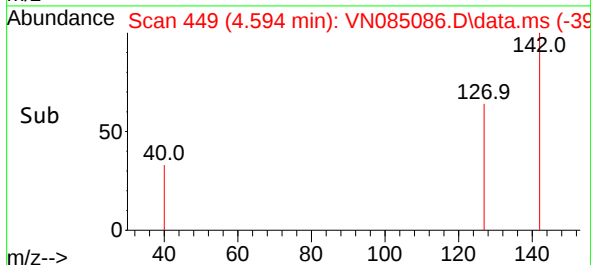
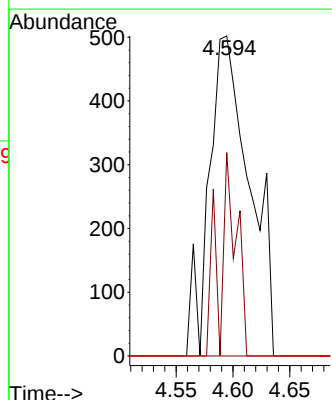
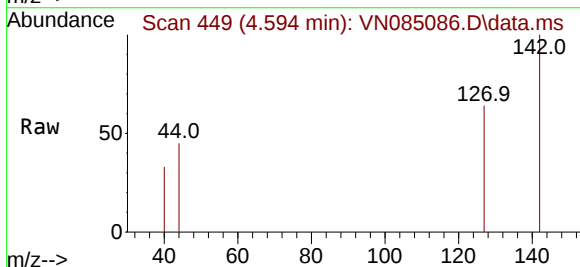
Instrument :
MSVOA_N
ClientSampleId :

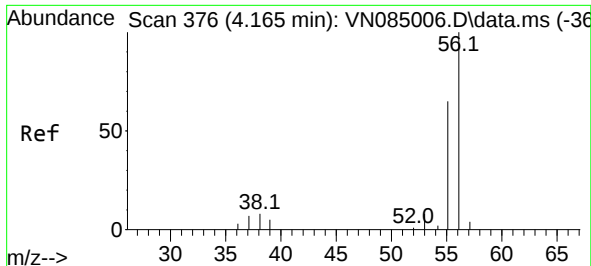
Tgt Ion: 64 Resp: 356
Ion Ratio Lower Upper
64 100
66 0.0 24.4 36.6#



#10
Methyl Iodide
Concen: 0.536 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.023 min
Lab File: VN085086.D
Acq: 04 Dec 2024 11:50

Tgt Ion:142 Resp: 1253
Ion Ratio Lower Upper
142 100
127 63.5 36.6 54.8#
141 0.0 12.2 18.4#





#13

Acrolein

Concen: 0.396 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.012 min

Lab File: VN085086.D

Acq: 04 Dec 2024 11:50

Instrument :

MSVOA_N

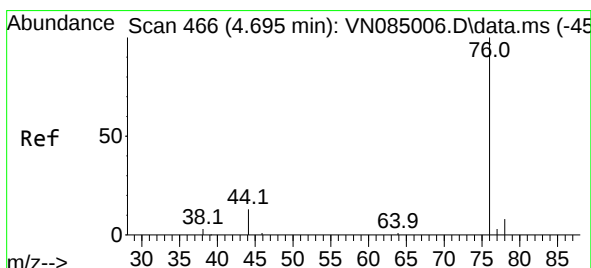
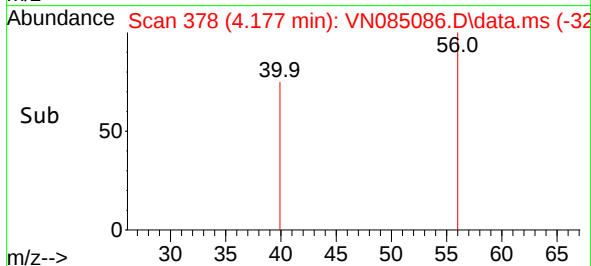
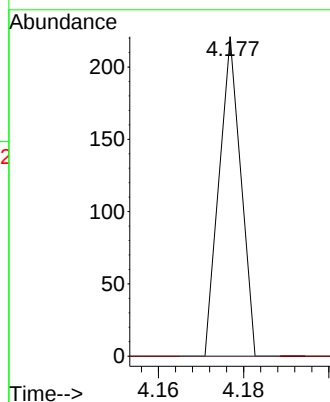
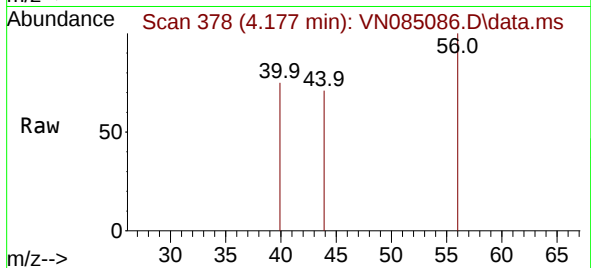
ClientSampleId :

Tgt Ion: 56 Resp: 78

Ion Ratio Lower Upper

56 100

55 0.0 54.5 81.7#



#17

Carbon Disulfide

Concen: 0.231 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.023 min

Lab File: VN085086.D

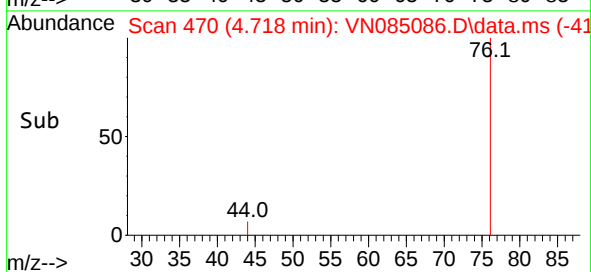
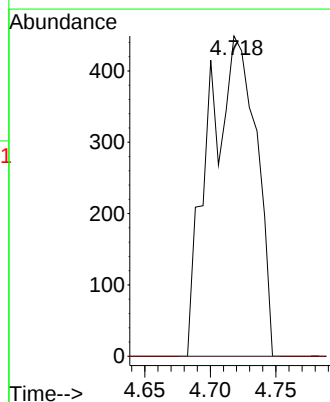
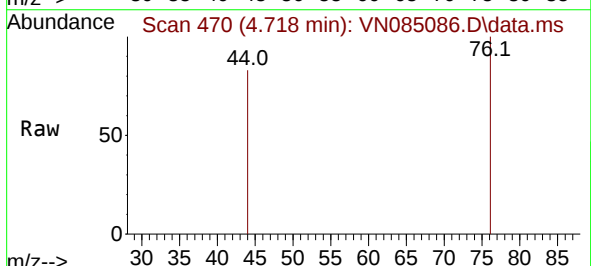
Acq: 04 Dec 2024 11:50

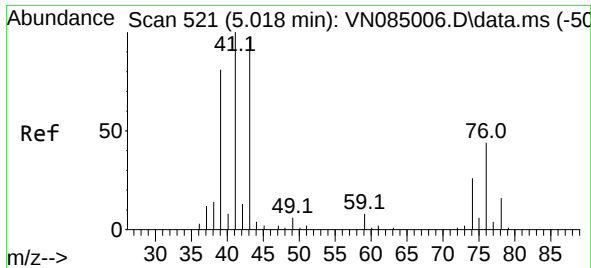
Tgt Ion: 76 Resp: 1124

Ion Ratio Lower Upper

76 100

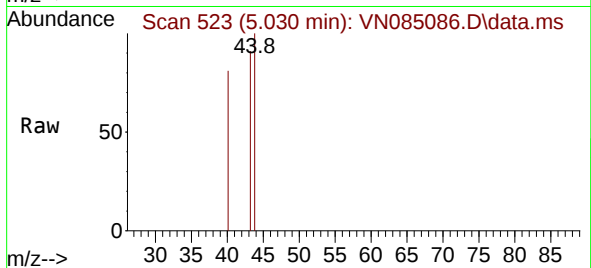
78 0.0 6.5 9.7#



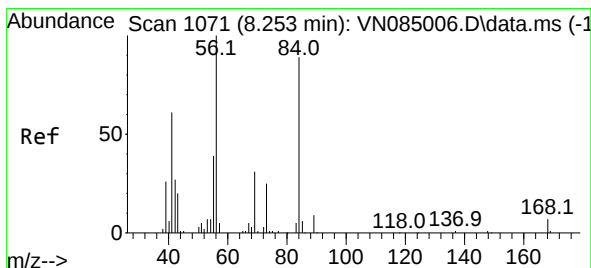
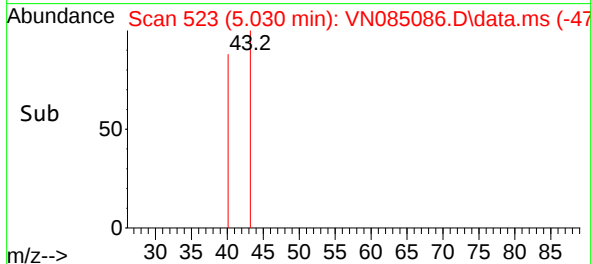
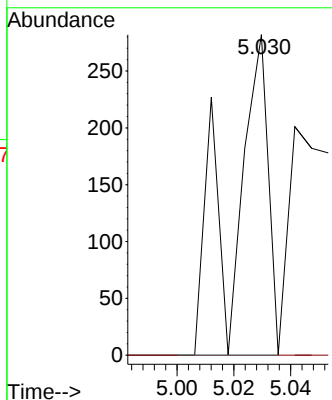


#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN085086.D
Acq: 04 Dec 2024 11:50

Instrument :
MSVOA_N
ClientSampleId :

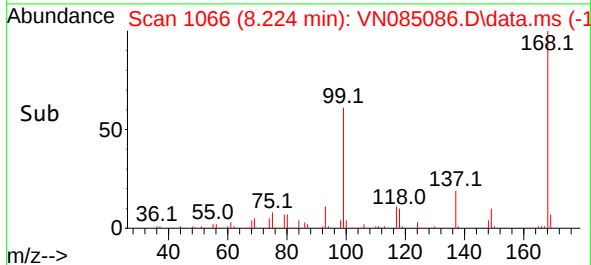
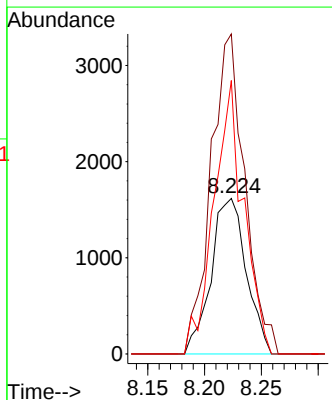
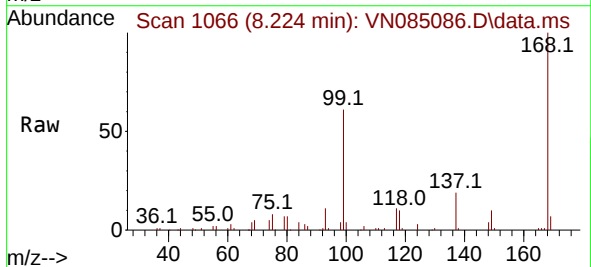


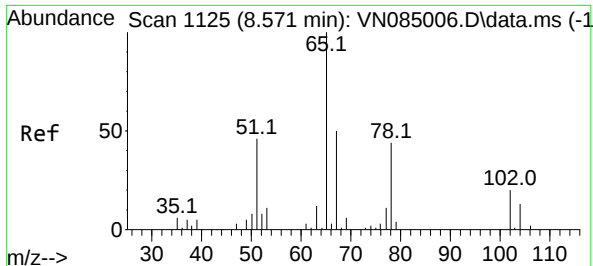
Tgt Ion: 43 Resp: 244
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



#31
Cyclohexane
Concen: 1.183 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN085086.D
Acq: 04 Dec 2024 11:50

Tgt Ion: 56 Resp: 3485
Ion Ratio Lower Upper
56 100
69 205.7 24.6 36.8#
84 175.7 71.4 107.2#





#33

1,2-Dichloroethane-d4

Concen: 51.271 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085086.D

Acq: 04 Dec 2024 11:50

Instrument :

MSVOA_N

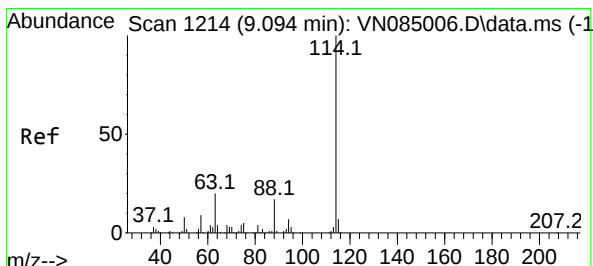
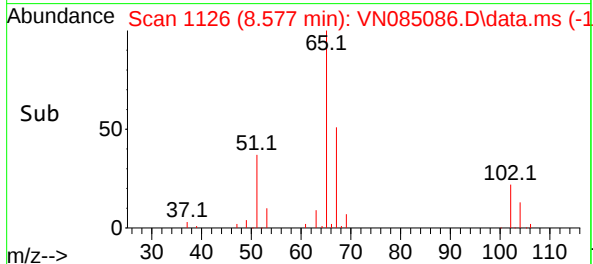
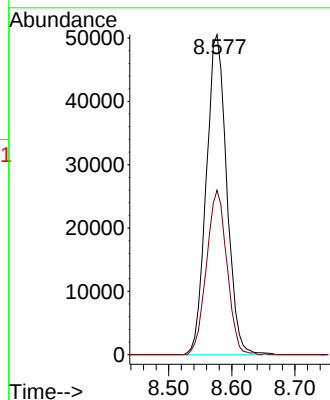
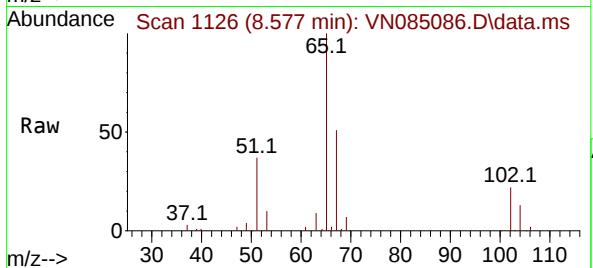
ClientSampleId :

Tgt Ion: 65 Resp: 113375

Ion Ratio Lower Upper

65 100

67 51.3 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085086.D

Acq: 04 Dec 2024 11:50

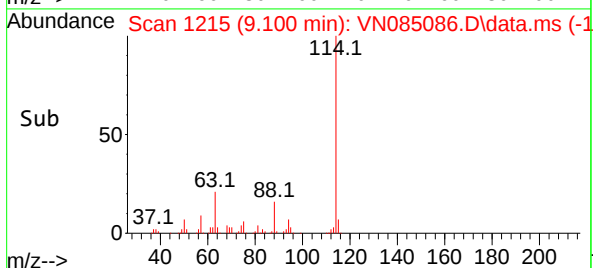
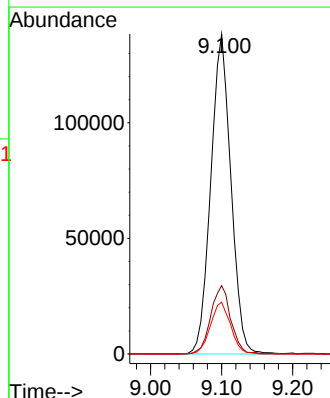
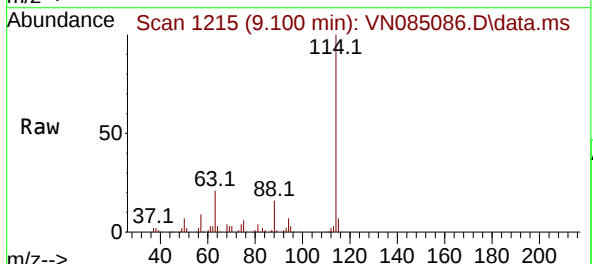
Tgt Ion: 114 Resp: 271880

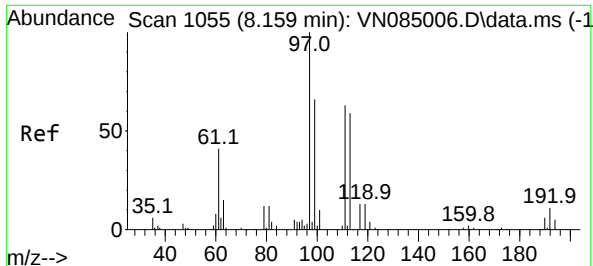
Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.0

88 16.2 0.0 34.8

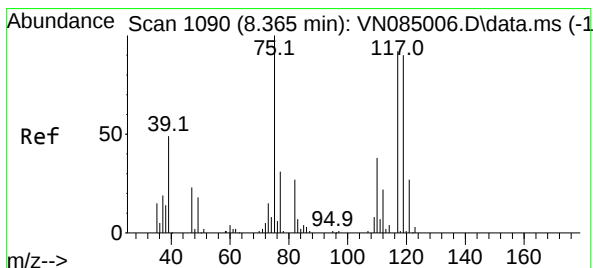
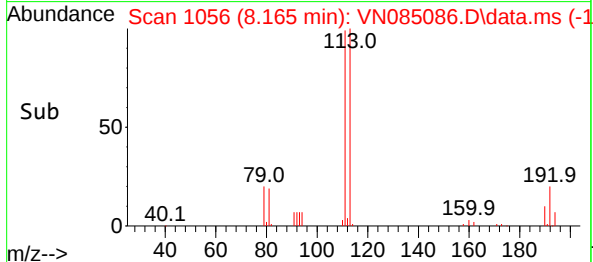
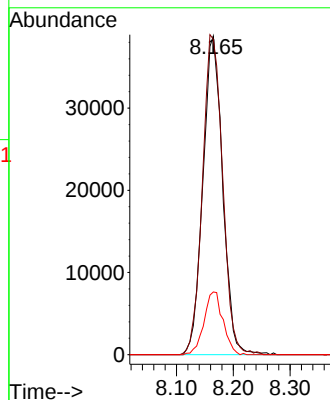
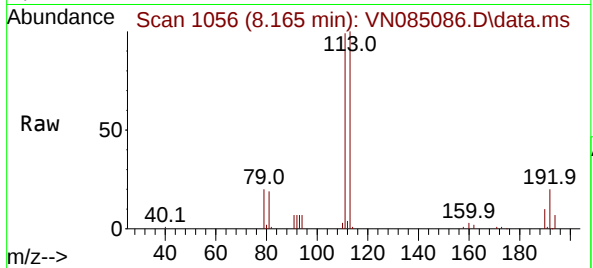




#35
Dibromofluoromethane
Concen: 50.969 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085086.D
Acq: 04 Dec 2024 11:50

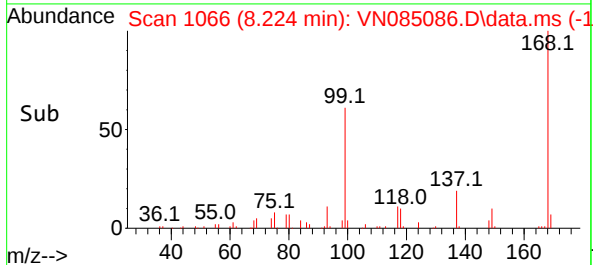
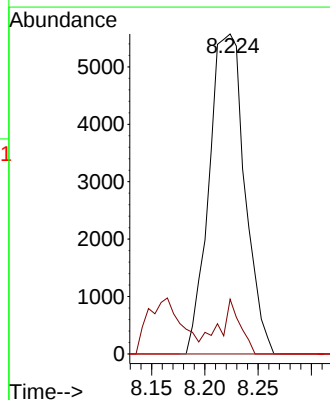
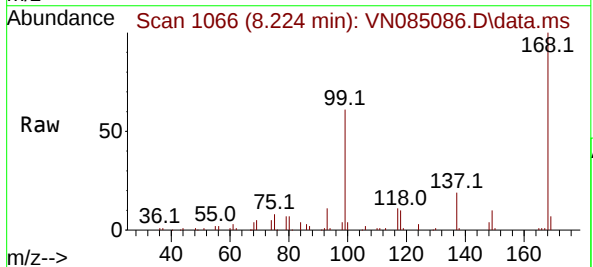
Instrument :
MSVOA_N
ClientSampleId :

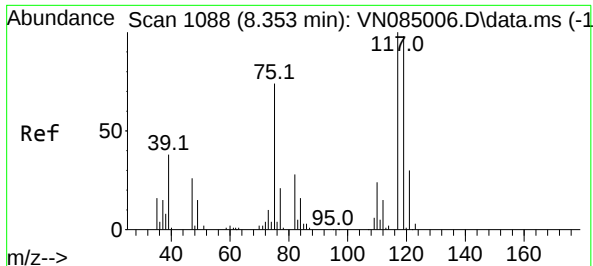
Tgt Ion:113 Resp: 93450
Ion Ratio Lower Upper
113 100
111 102.3 82.0 123.0
192 18.9 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.231 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN085086.D
Acq: 04 Dec 2024 11:50

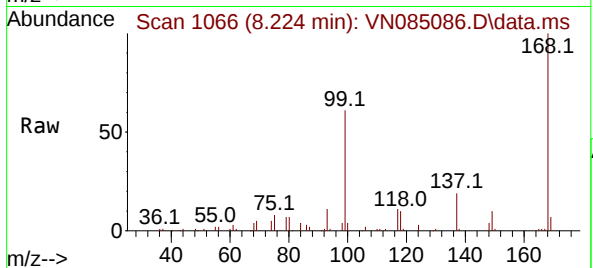
Tgt Ion: 75 Resp: 12991
Ion Ratio Lower Upper
75 100
110 10.3 17.2 51.6#
77 0.0 24.2 36.4#



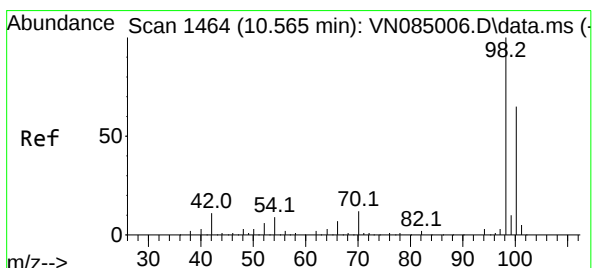
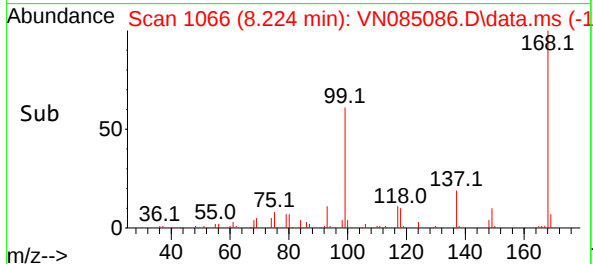
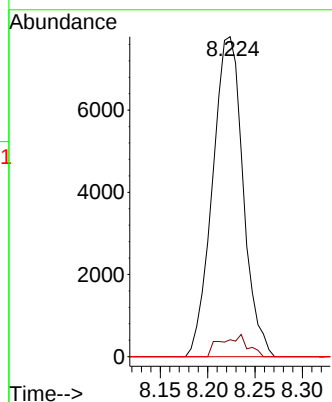


#38
Carbon Tetrachloride
Concen: 6.096 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.130 min
Lab File: VN085086.D
Acq: 04 Dec 2024 11:50

Instrument :
MSVOA_N
ClientSampleId :

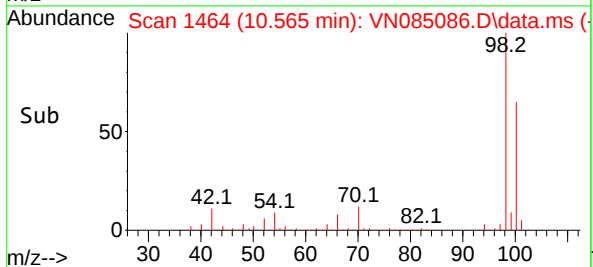
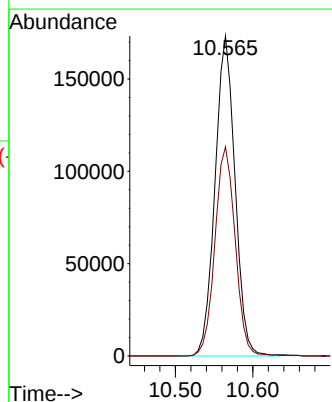
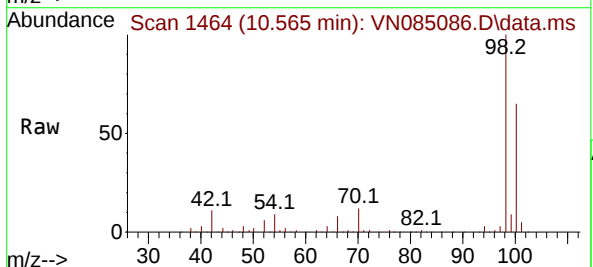


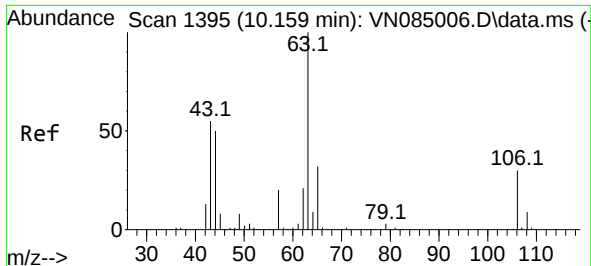
Tgt Ion:117 Resp: 17475
Ion Ratio Lower Upper
117 100
119 5.3 78.6 117.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.272 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085086.D
Acq: 04 Dec 2024 11:50

Tgt Ion: 98 Resp: 310609
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7

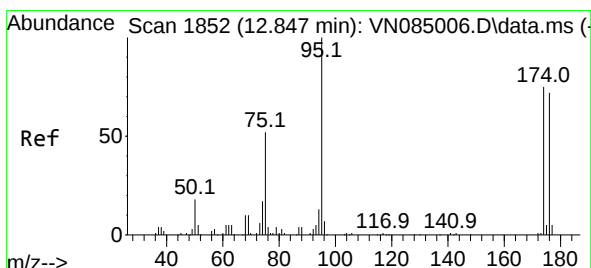
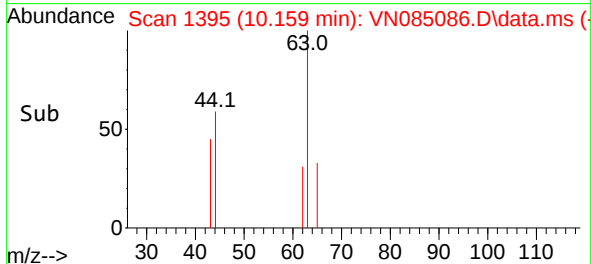
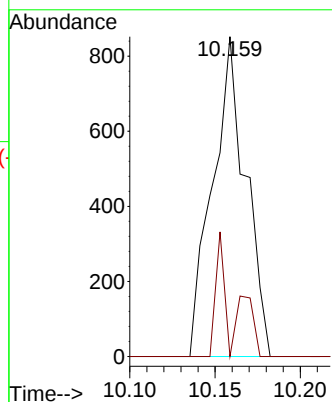
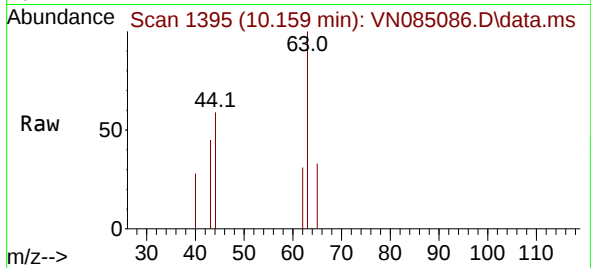




#58
2-Chloroethyl Vinyl ether
Concen: 0.929 ug/l
RT: 10.159 min Scan# 1153
Delta R.T. -0.000 min
Lab File: VN085086.D
Acq: 04 Dec 2024 11:50

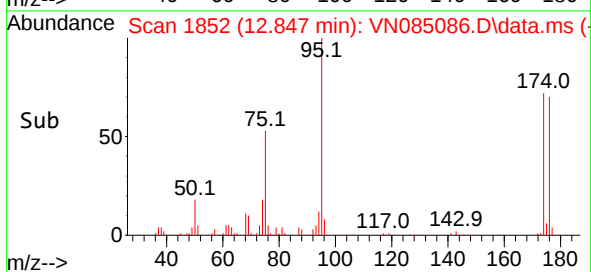
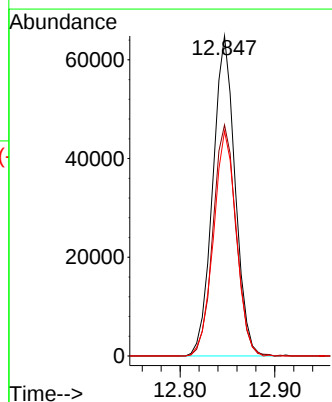
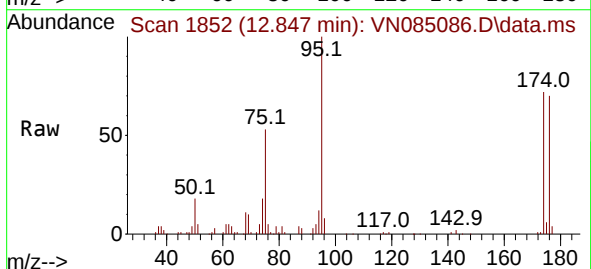
Instrument :
MSVOA_N
ClientSampleId :

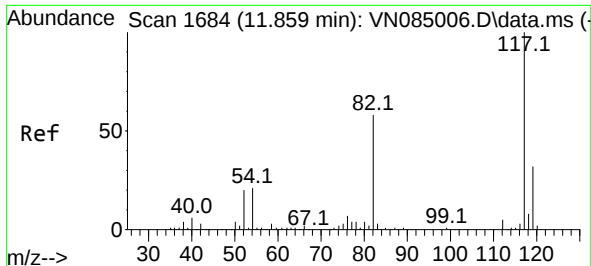
Tgt Ion: 63 Resp: 1153
Ion Ratio Lower Upper
63 100
106 19.9 23.0 34.6#



#62
4-Bromofluorobenzene
Concen: 43.177 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085086.D
Acq: 04 Dec 2024 11:50

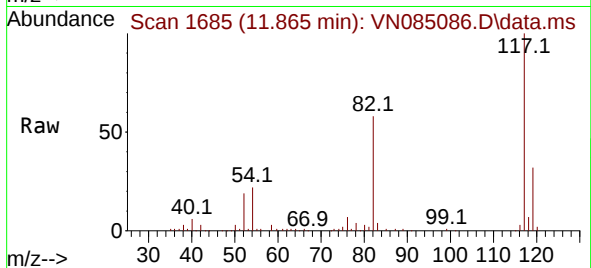
Tgt Ion: 95 Resp: 106097
Ion Ratio Lower Upper
95 100
174 74.3 0.0 146.6
176 71.8 0.0 141.8



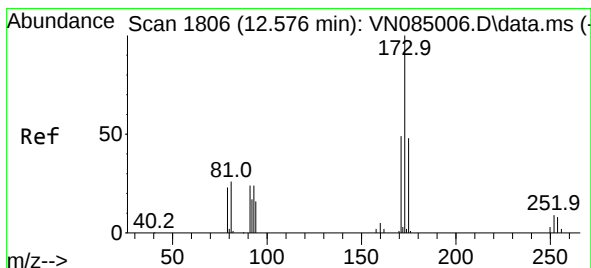
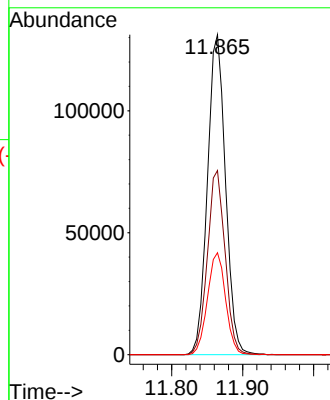
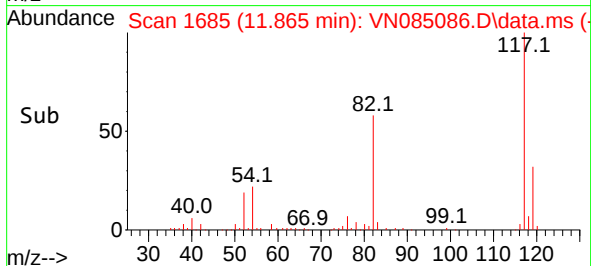


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085086.D
Acq: 04 Dec 2024 11:50

Instrument :
MSVOA_N
ClientSampleId :

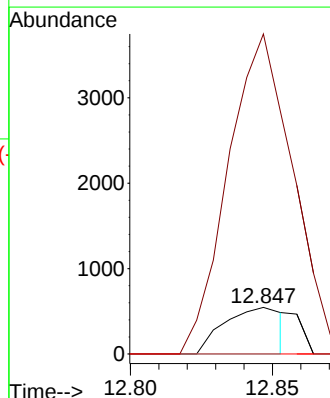
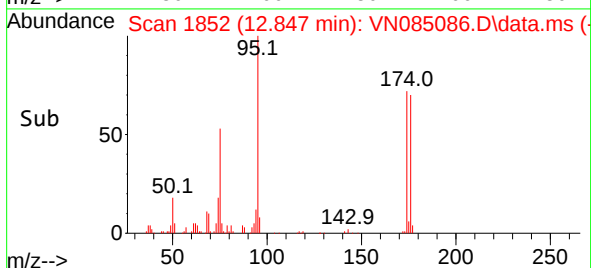
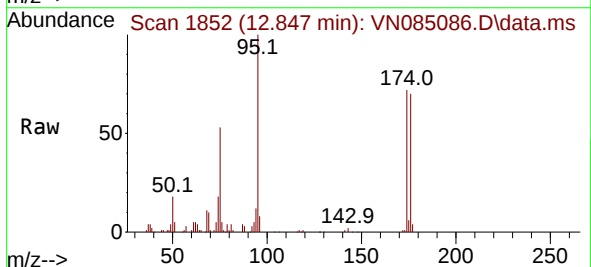


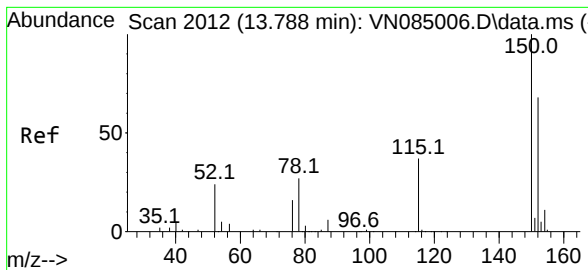
Tgt Ion:117 Resp: 231756
Ion Ratio Lower Upper
117 100
82 57.6 46.0 69.0
119 31.8 25.6 38.4



#71
Bromoform
Concen: 0.569 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.270 min
Lab File: VN085086.D
Acq: 04 Dec 2024 11:50

Tgt Ion:173 Resp: 781
Ion Ratio Lower Upper
173 100
175 620.7 23.8 71.2#
254 0.0 0.0 0.0

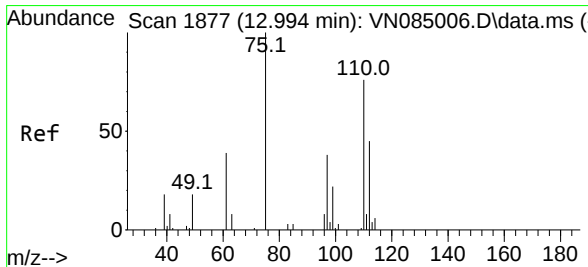
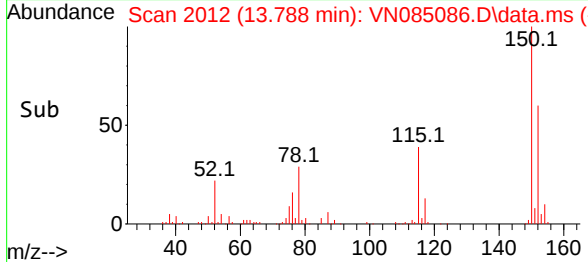
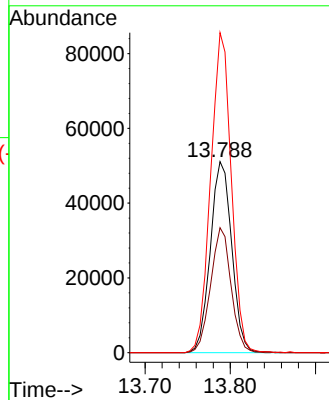
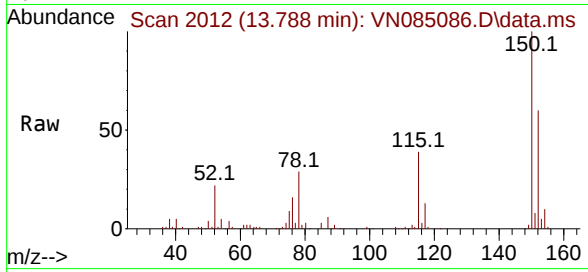




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085086.D
Acq: 04 Dec 2024 11:50

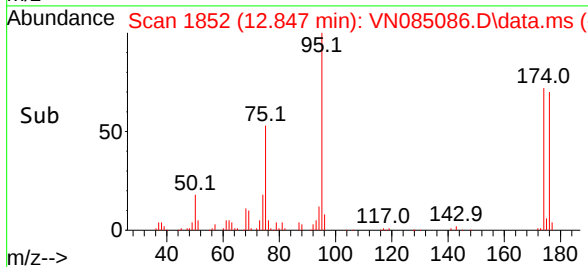
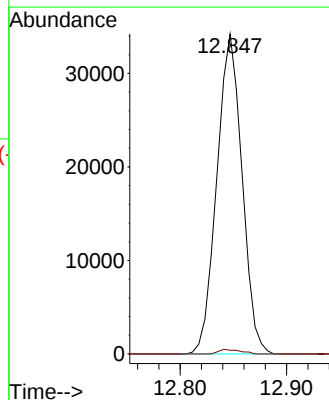
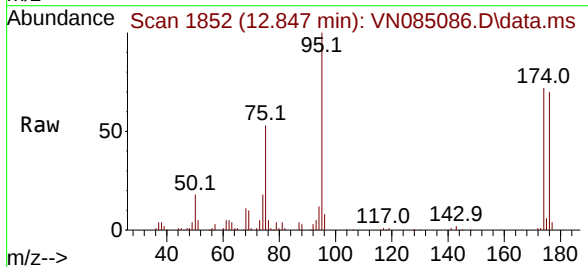
Instrument :
MSVOA_N
ClientSampleId :

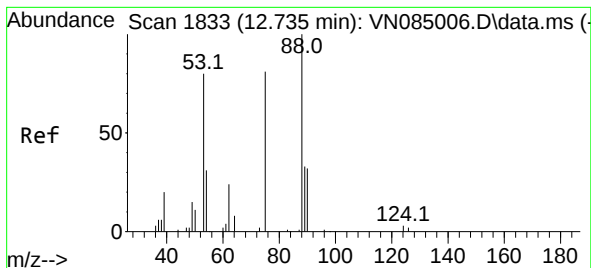
Tgt Ion:152 Resp: 89427
Ion Ratio Lower Upper
152 100
115 62.5 31.7 95.1
150 160.7 0.0 351.4



#76
1,2,3-Trichloropropane
Concen: 34.529 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN085086.D
Acq: 04 Dec 2024 11:50

Tgt Ion: 75 Resp: 56166
Ion Ratio Lower Upper
75 100
77 1.2 109.1 327.4#

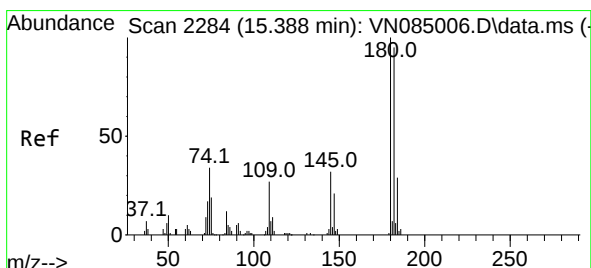
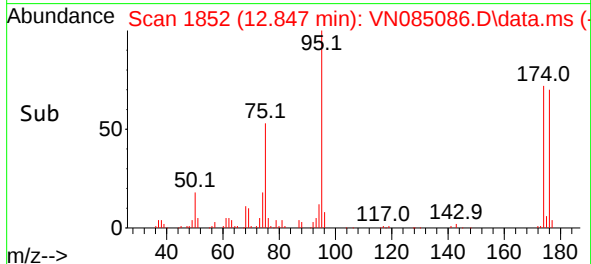
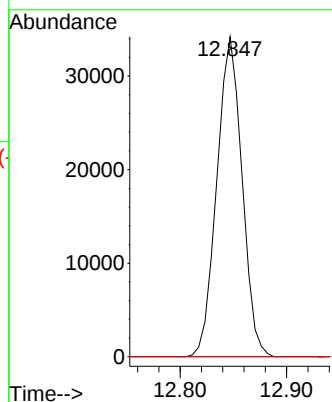
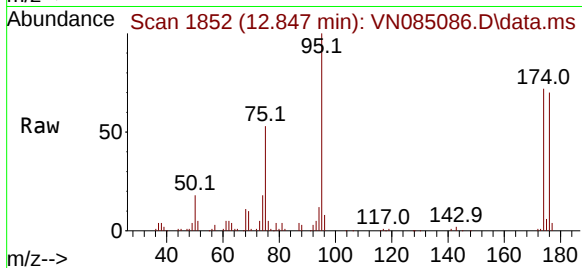




#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.226 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN085086.D
 Acq: 04 Dec 2024 11:50

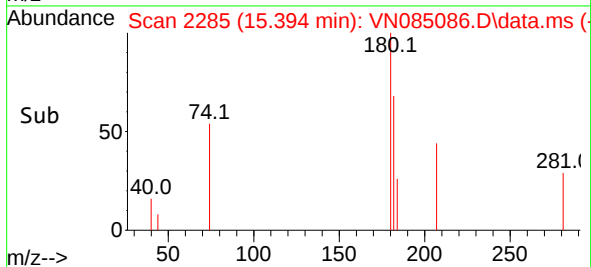
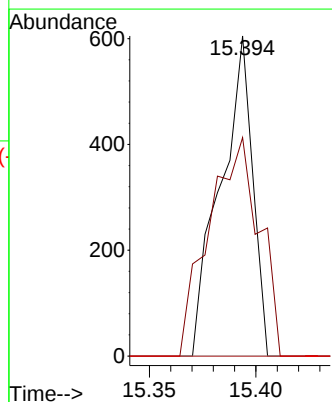
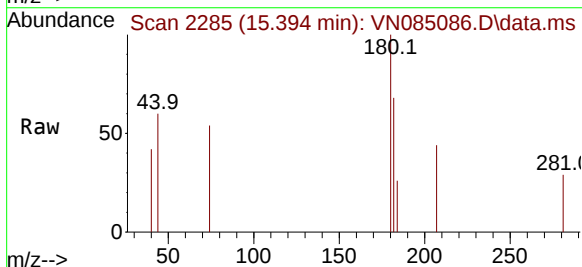
Instrument :
 MSVOA_N
 ClientSampleId :

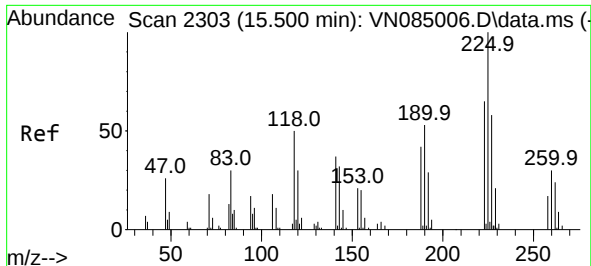
Tgt Ion: 75 Resp: 56166
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.2 117.4#
 89 0.0 37.9 56.9#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.364 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. 0.006 min
 Lab File: VN085086.D
 Acq: 04 Dec 2024 11:50

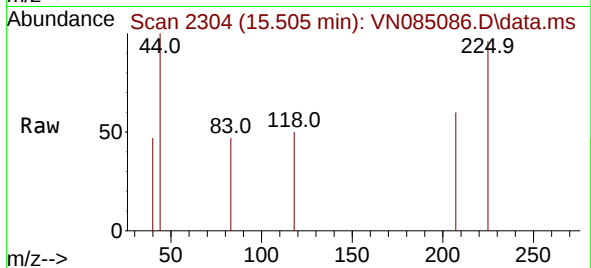
Tgt Ion:180 Resp: 634
 Ion Ratio Lower Upper
 180 100
 182 107.1 46.9 140.8
 145 0.0 16.3 48.8#



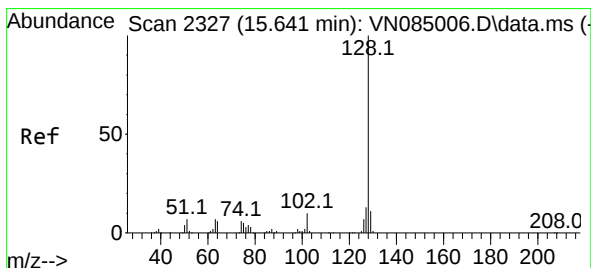
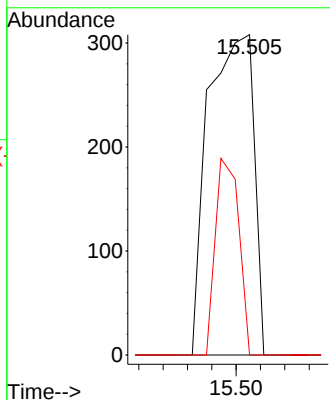
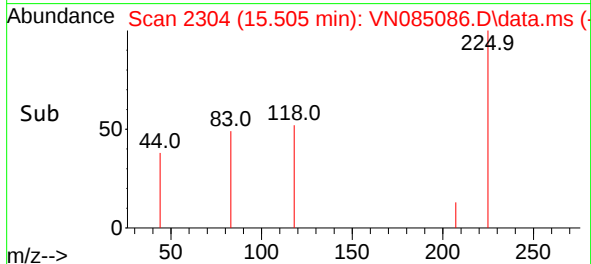


#94
Hexachlorobutadiene
Concen: 0.497 ug/l
RT: 15.505 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN085086.D
Acq: 04 Dec 2024 11:50

Instrument :
MSVOA_N
ClientSampleId :

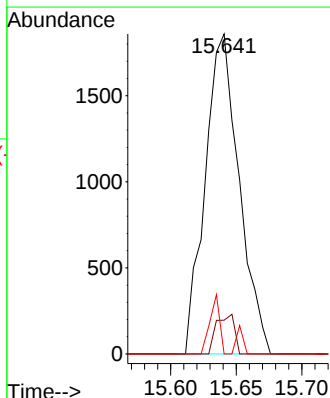
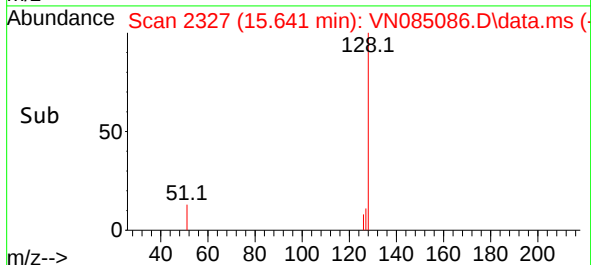
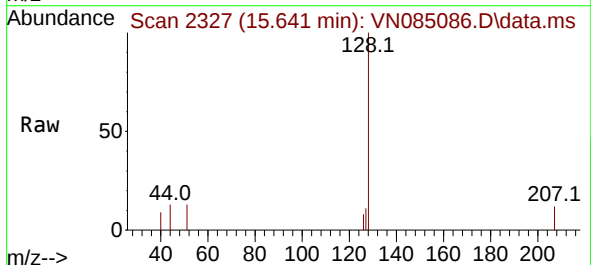


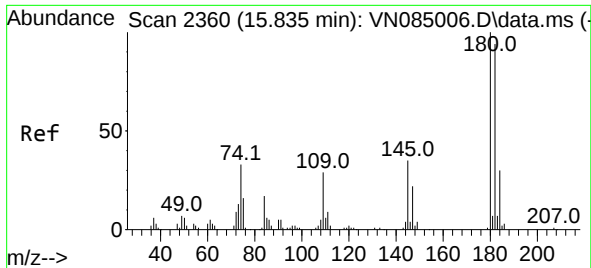
Tgt Ion:225 Resp: 400
Ion Ratio Lower Upper
225 100
223 0.0 30.9 92.8#
227 31.5 31.5 94.5



#95
Naphthalene
Concen: 0.675 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN085086.D
Acq: 04 Dec 2024 11:50

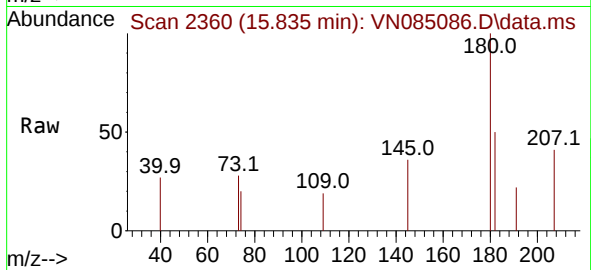
Tgt Ion:128 Resp: 3353
Ion Ratio Lower Upper
128 100
127 6.5 10.6 16.0#
129 1.7 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.720 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN085086.D
 Acq: 04 Dec 2024 11:50

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 1198
 Ion Ratio Lower Upper
 180 100
 182 87.3 46.4 139.2
 145 29.9 17.3 52.0

