

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
 Data File : VN085199.D
 Acq On : 13 Dec 2024 16:16
 Operator : JC\MD
 Sample : P5270-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 13 23:36:14 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)

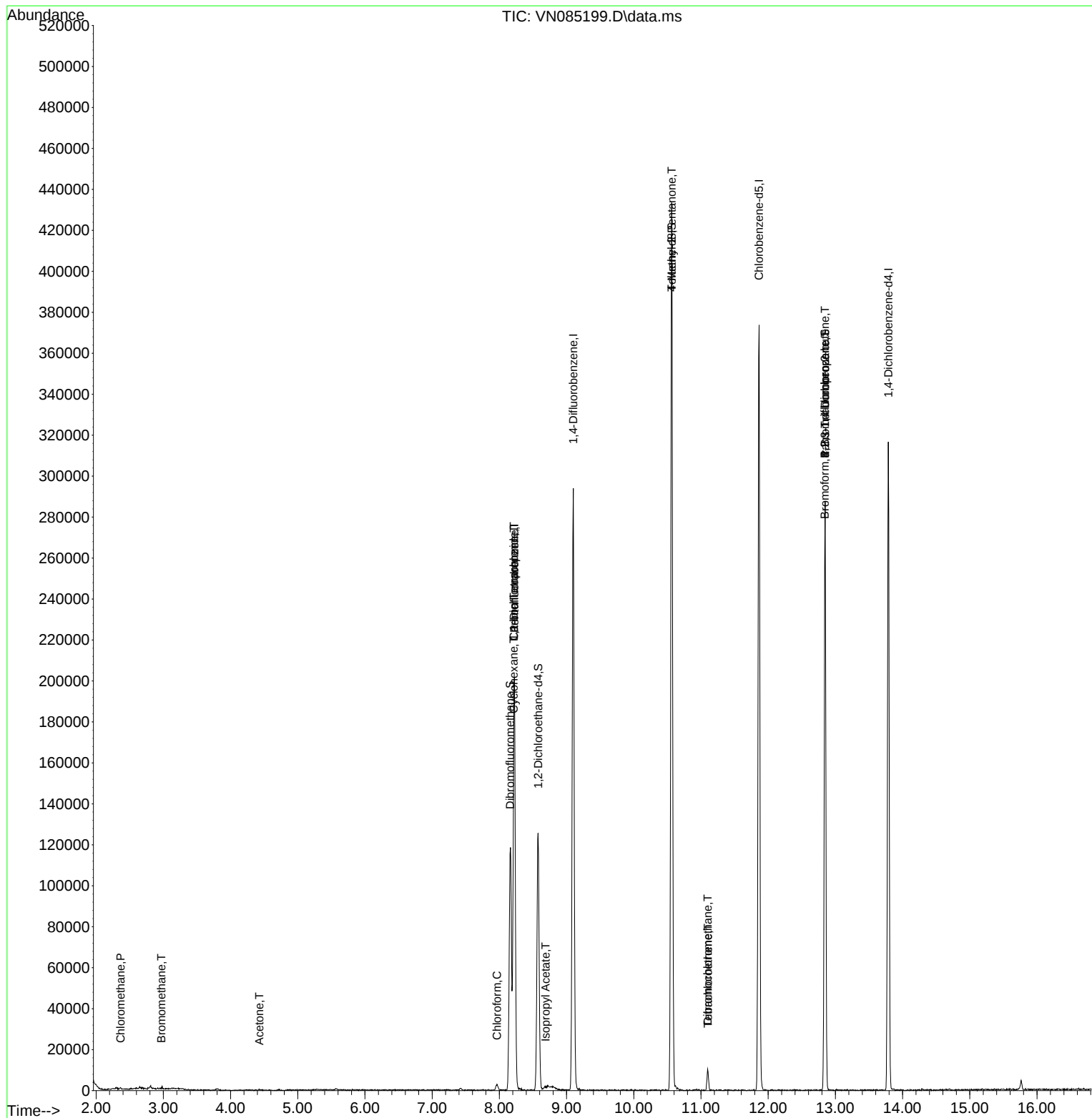
Internal Standards						
1) Pentafluorobenzene	8.224	168	143120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	248974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	219158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	88281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107290	52.628	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.260%	
35) Dibromofluoromethane	8.159	113	86004	51.223	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.440%	
50) Toluene-d8	10.565	98	296646	49.300	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.600%	
62) 4-Bromofluorobenzene	12.847	95	99076	44.030	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 88.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	626	0.334	ug/l #	40
5) Bromomethane	2.971	94	339	0.359	ug/l #	1
16) Acetone	4.430	43	477	0.803	ug/l #	43
18) Methyl Acetate	5.018	43	249	Below Cal	#	50
30) Chloroform	7.965	83	3270	0.997	ug/l	87
31) Cyclohexane	8.212	56	3310	1.219	ug/l #	41
36) 1,1-Dichloropropene	8.218	75	12150	5.343	ug/l #	51
38) Carbon Tetrachloride	8.218	117	15487	5.900	ug/l #	15
43) Isopropyl Acetate	8.688	43	1295	0.302	ug/l #	55
51) 4-Methyl-2-Pentanone	10.565	43	1090	0.556	ug/l #	1
60) Dibromochloromethane	11.100	129	2357	1.216	ug/l #	10
64) Tetrachloroethene	11.106	164	2535	1.717	ug/l #	75
71) Bromoform	12.841	173	392	0.302	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	51223	31.899	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	51223	70.420	ug/l #	10

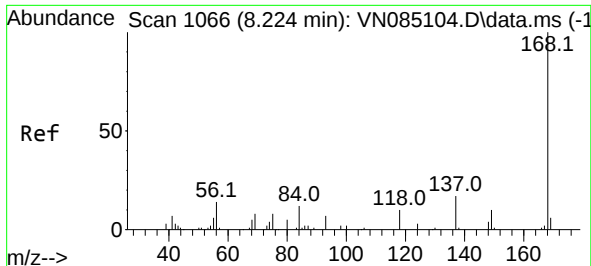
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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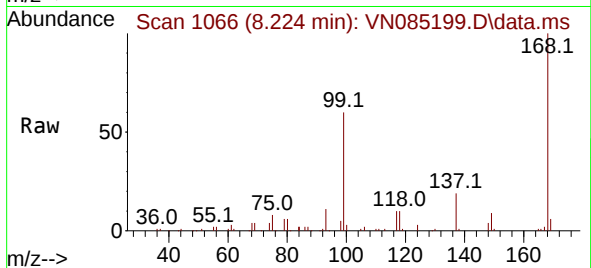
Quant Time: Dec 13 23:36:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration



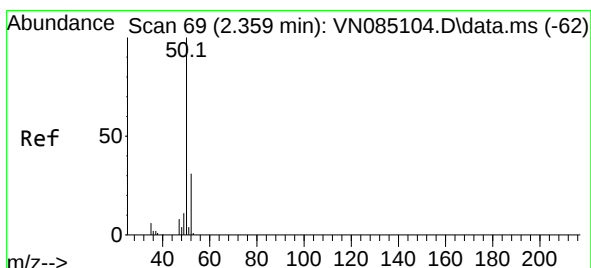
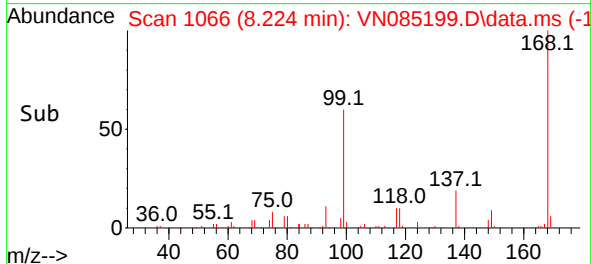
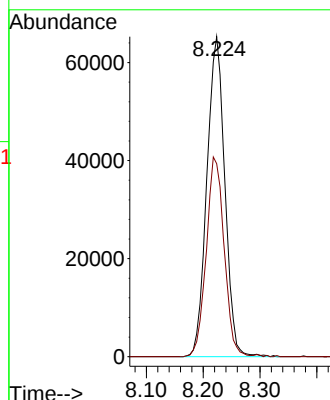


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085199.D
Acq: 13 Dec 2024 16:16

Instrument :
MSVOA_N
ClientSampleId :

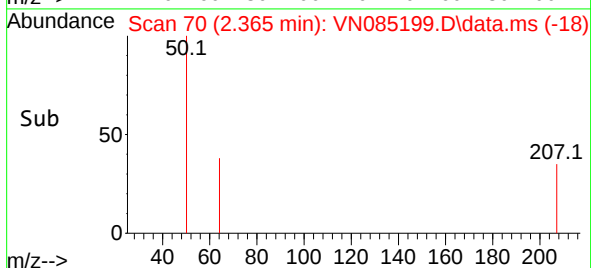
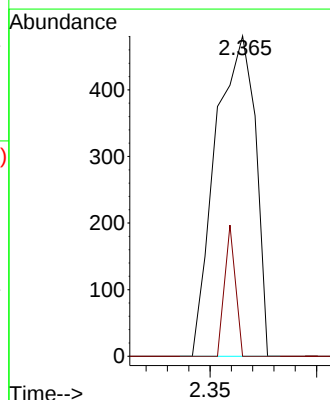
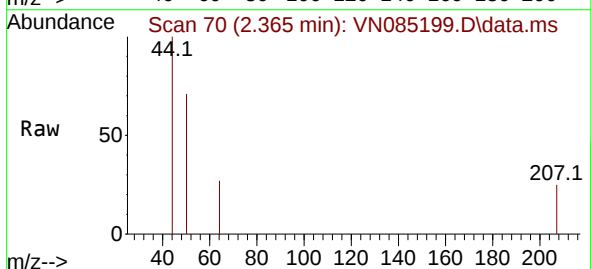


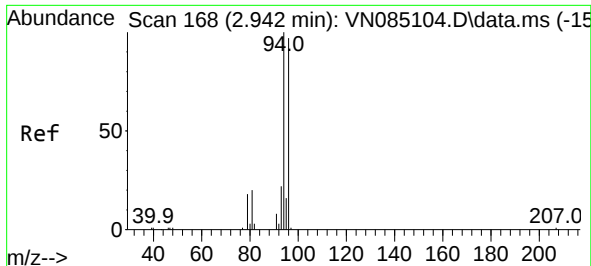
Tgt Ion:168 Resp: 143120
Ion Ratio Lower Upper
168 100
99 60.3 51.2 76.8



#3
Chloromethane
Concen: 0.334 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN085199.D
Acq: 13 Dec 2024 16:16

Tgt Ion: 50 Resp: 626
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

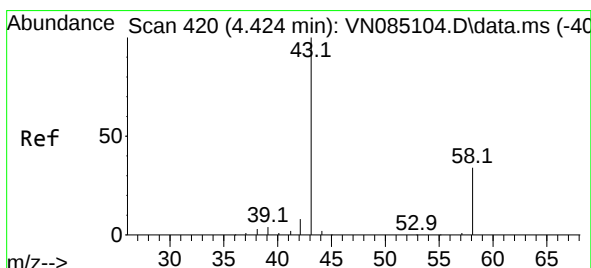
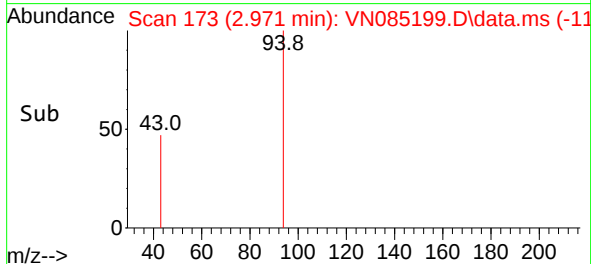
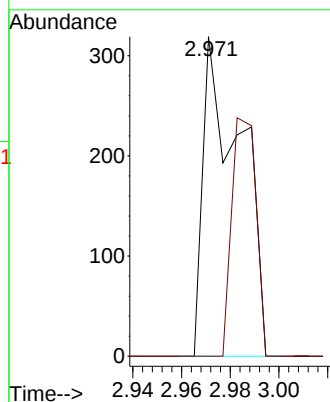
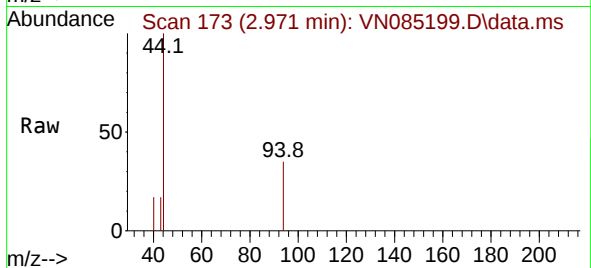




#5
Bromomethane
Concen: 0.359 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.070 min
Lab File: VN085199.D
Acq: 13 Dec 2024 16:16

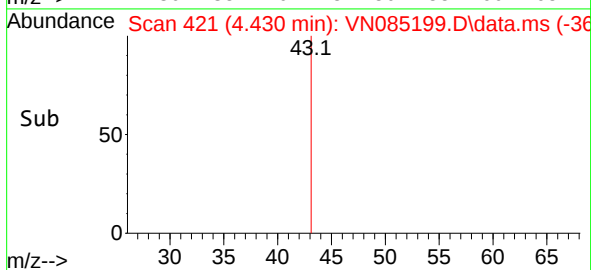
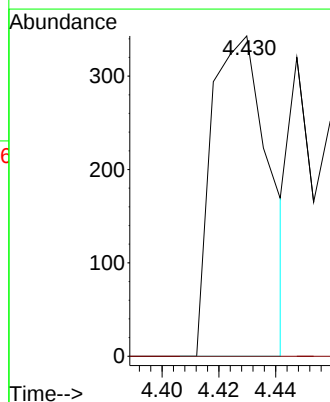
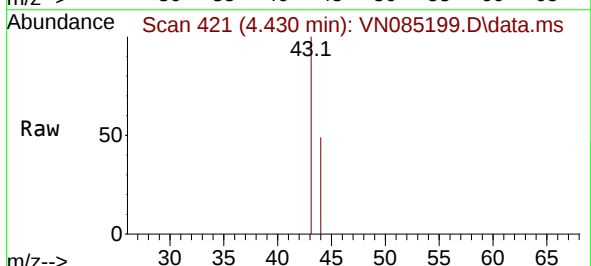
Instrument :
MSVOA_N
ClientSampleId :

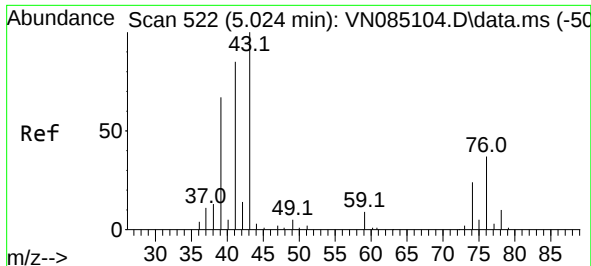
Tgt Ion: 94 Resp: 339
Ion Ratio Lower Upper
94 100
96 0.0 78.7 118.1#



#16
Acetone
Concen: 0.803 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085199.D
Acq: 13 Dec 2024 16:16

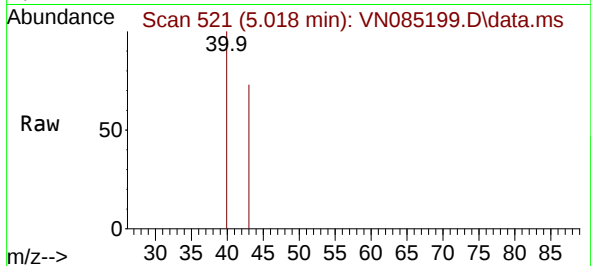
Tgt Ion: 43 Resp: 477
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.2#



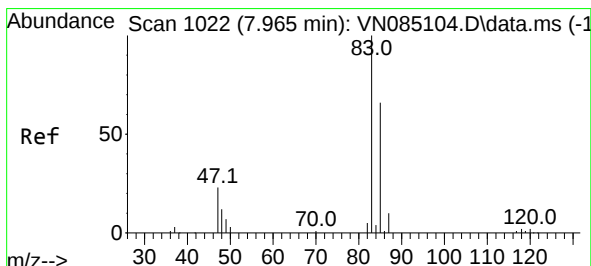
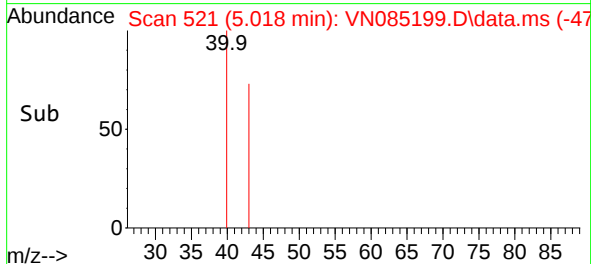
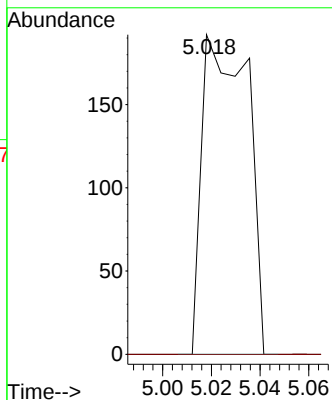


#18
Methyl Acetate
Concen: Below Cal
RT: 5.018 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN085199.D
Acq: 13 Dec 2024 16:16

Instrument :
MSVOA_N
ClientSampleId :

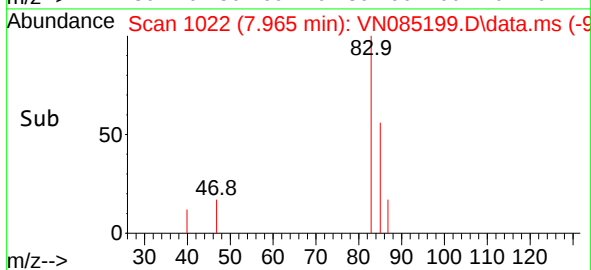
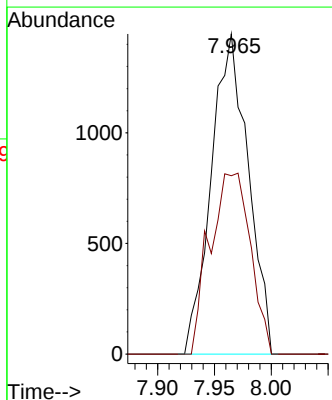
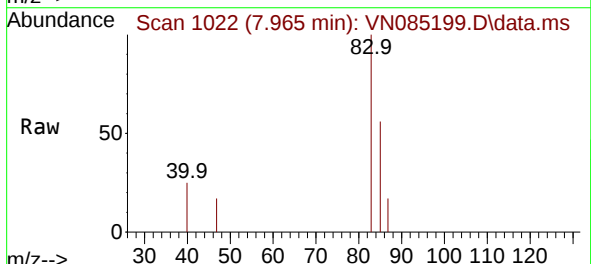


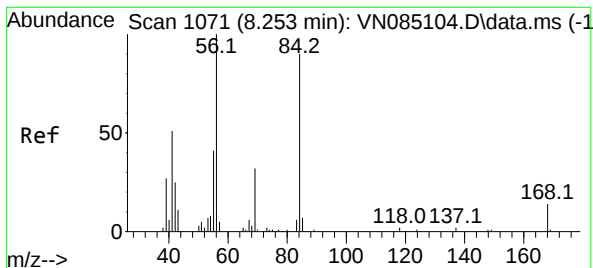
Tgt Ion: 43 Resp: 249
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



#30
Chloroform
Concen: 0.997 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085199.D
Acq: 13 Dec 2024 16:16

Tgt Ion: 83 Resp: 3270
Ion Ratio Lower Upper
83 100
85 55.7 52.6 78.8





#31

Cyclohexane

Concen: 1.219 ug/l

RT: 8.212 min Scan# 1064

Delta R.T. -0.041 min

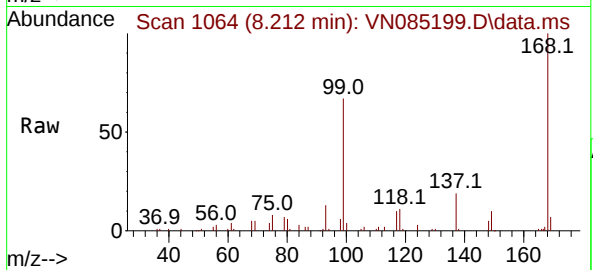
Lab File: VN085199.D

Acq: 13 Dec 2024 16:16

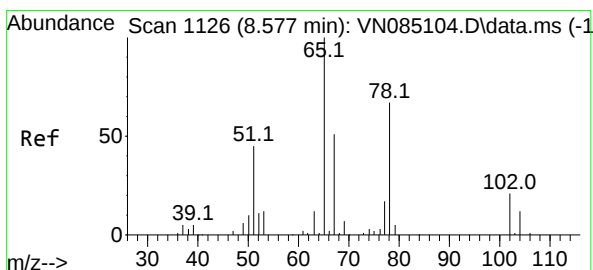
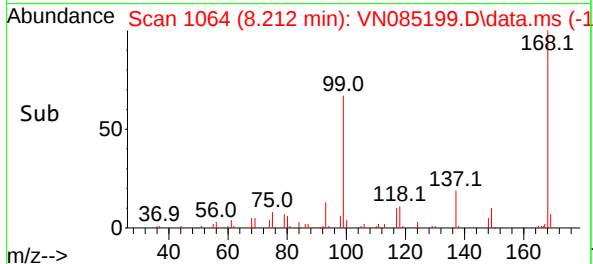
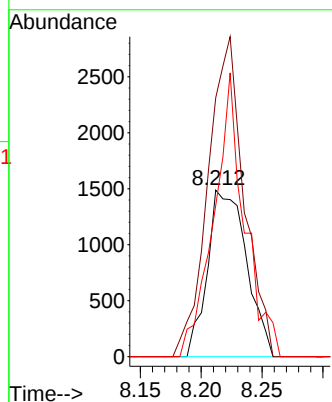
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 56	Resp: 3310
Ion Ratio	Lower Upper
56	100
69	155.4 24.6 36.8#
84	90.8 71.4 107.2



#33

1,2-Dichloroethane-d4

Concen: 52.628 ug/l

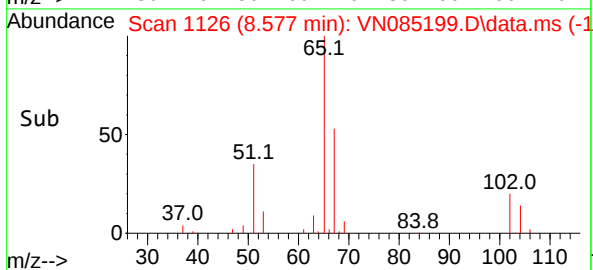
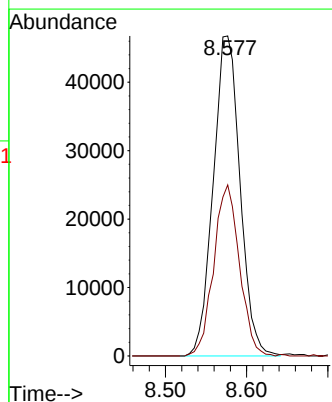
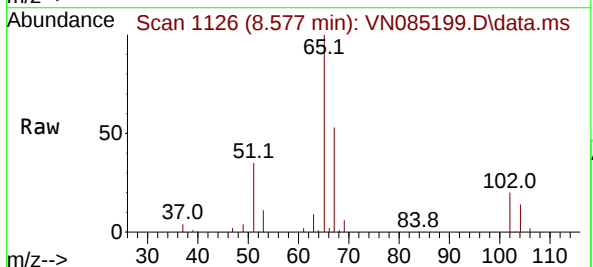
RT: 8.577 min Scan# 1126

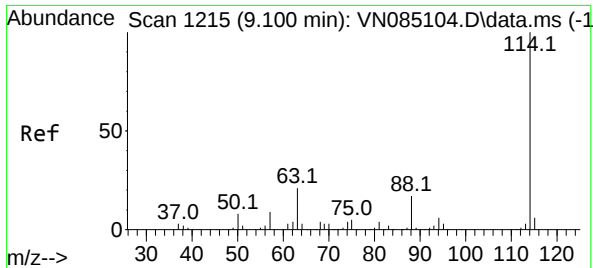
Delta R.T. 0.006 min

Lab File: VN085199.D

Acq: 13 Dec 2024 16:16

Tgt Ion: 65	Resp: 107290
Ion Ratio	Lower Upper
65	100
67	51.4 0.0 105.0

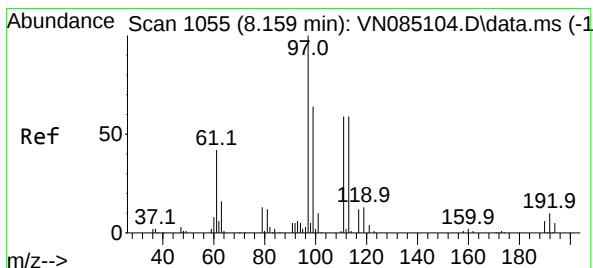
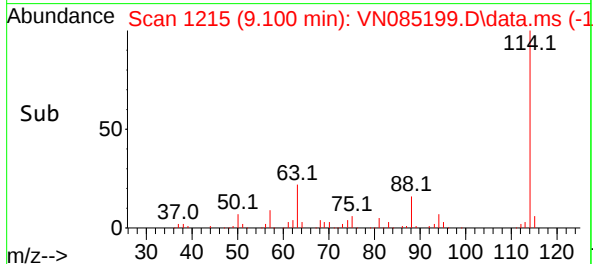
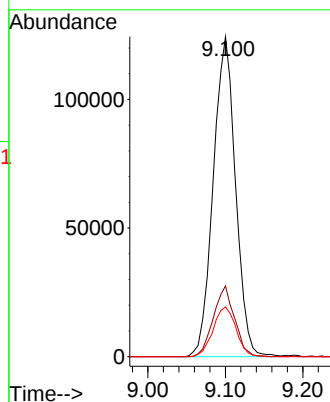
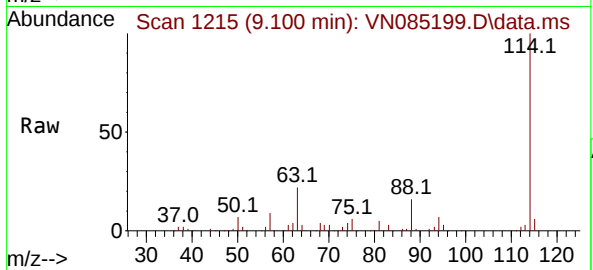




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085199.D
Acq: 13 Dec 2024 16:16

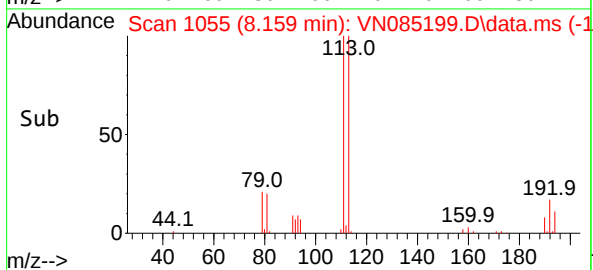
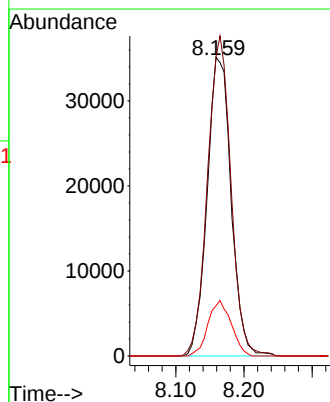
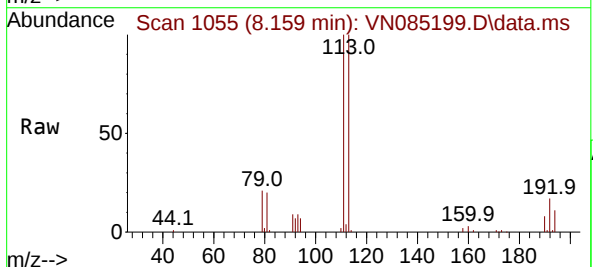
Instrument :
MSVOA_N
ClientSampleId :

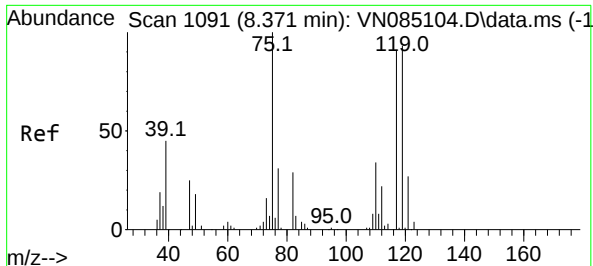
Tgt Ion:114 Resp: 248974
Ion Ratio Lower Upper
114 100
63 22.1 0.0 41.0
88 15.5 0.0 34.8



#35
Dibromofluoromethane
Concen: 51.223 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN085199.D
Acq: 13 Dec 2024 16:16

Tgt Ion:113 Resp: 86004
Ion Ratio Lower Upper
113 100
111 104.4 82.0 123.0
192 18.0 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.343 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085199.D

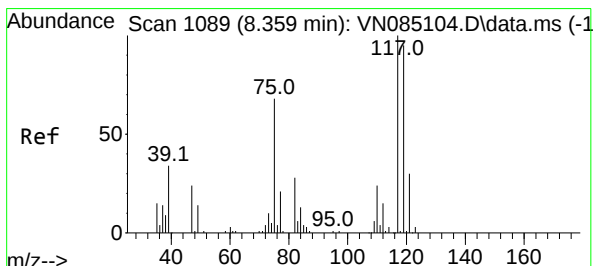
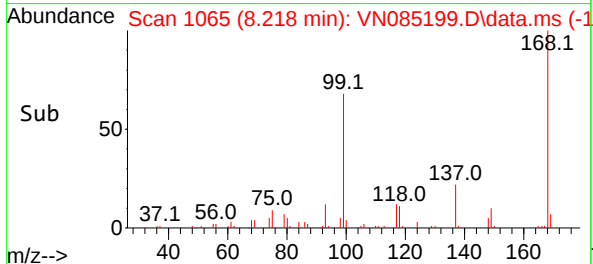
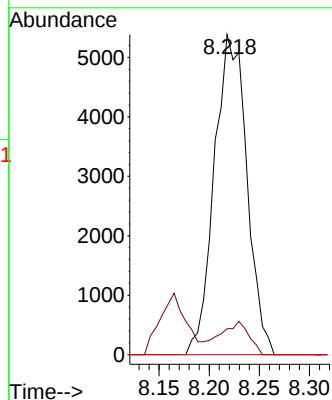
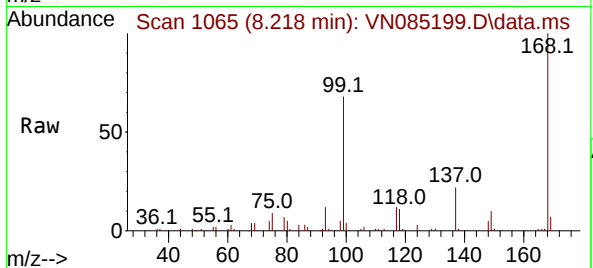
Acq: 13 Dec 2024 16:16

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 75	Resp: 12150
Ion Ratio	Lower Upper
75	100
110	9.3 17.2 51.6#
77	0.0 24.2 36.4#



#38

Carbon Tetrachloride

Concen: 5.900 ug/l

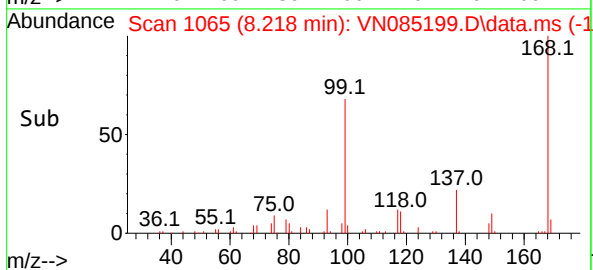
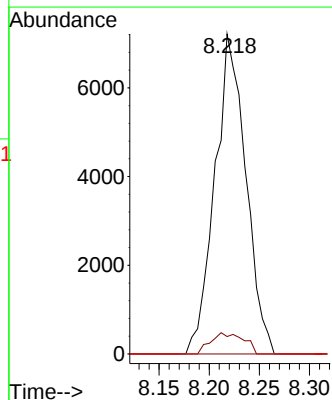
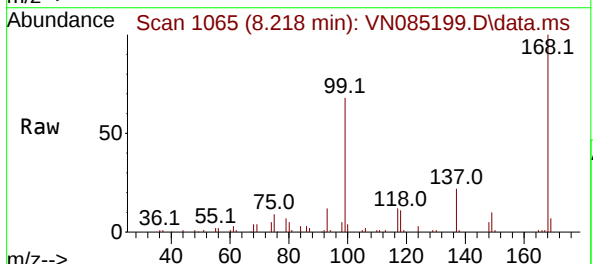
RT: 8.218 min Scan# 1065

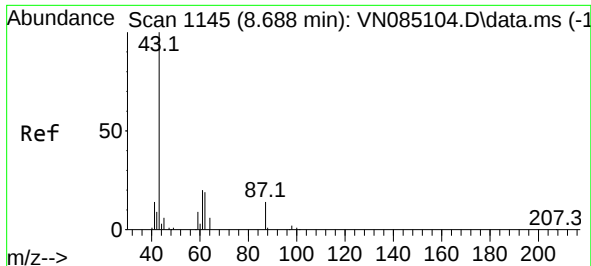
Delta R.T. -0.135 min

Lab File: VN085199.D

Acq: 13 Dec 2024 16:16

Tgt Ion: 117	Resp: 15487
Ion Ratio	Lower Upper
117	100
119	5.5 78.6 117.8#
121	0.0 24.2 36.2#





#43

Isopropyl Acetate

Concen: 0.302 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

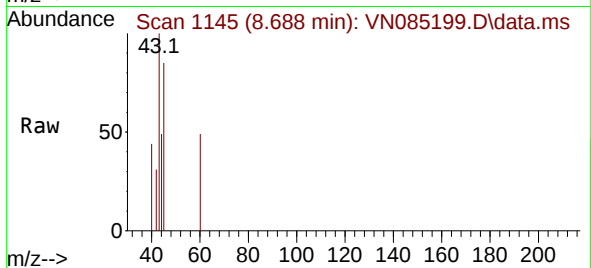
Lab File: VN085199.D

Acq: 13 Dec 2024 16:16

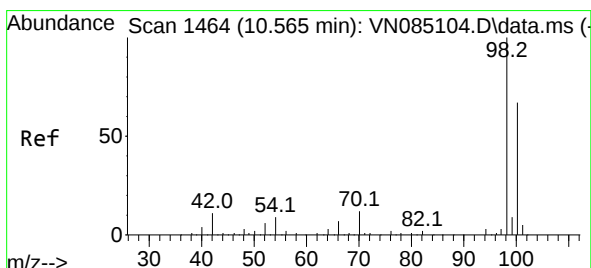
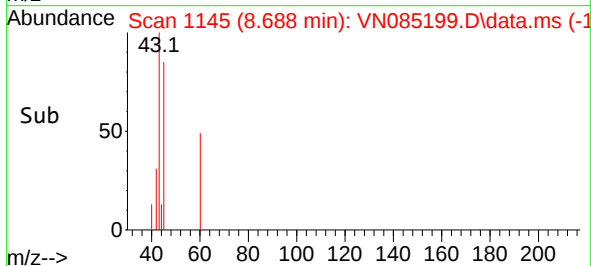
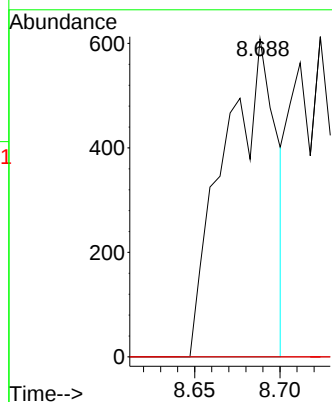
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43	Resp: 1295
Ion Ratio	Lower Upper
43	100
61	0.0 20.6 30.8#
87	0.0 11.0 16.4#



#50

Toluene-d8

Concen: 49.300 ug/l

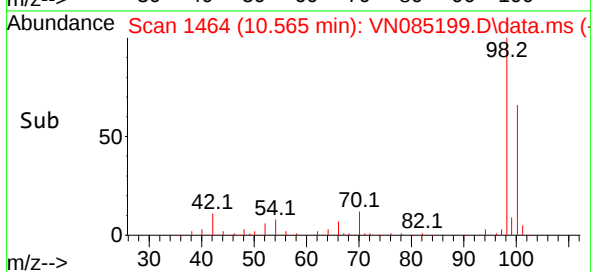
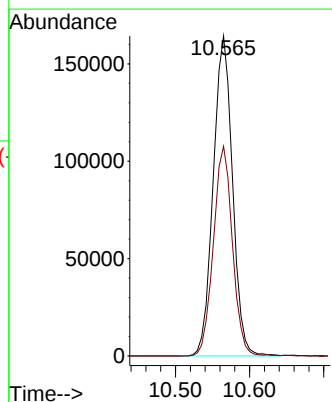
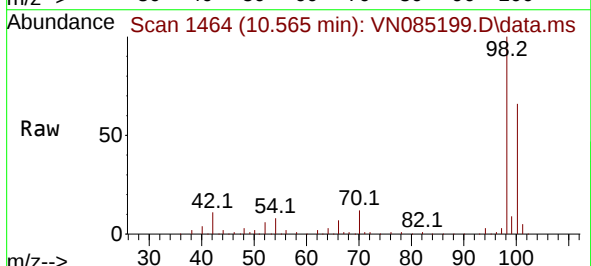
RT: 10.565 min Scan# 1464

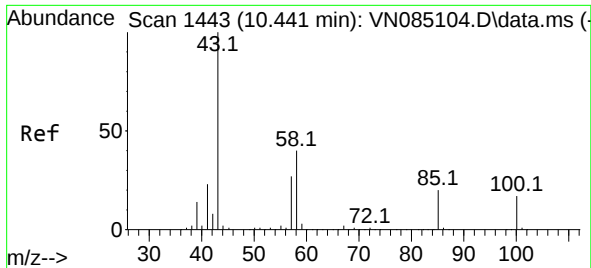
Delta R.T. -0.000 min

Lab File: VN085199.D

Acq: 13 Dec 2024 16:16

Tgt Ion: 98	Resp: 296646
Ion Ratio	Lower Upper
98	100
100	64.7 52.5 78.7

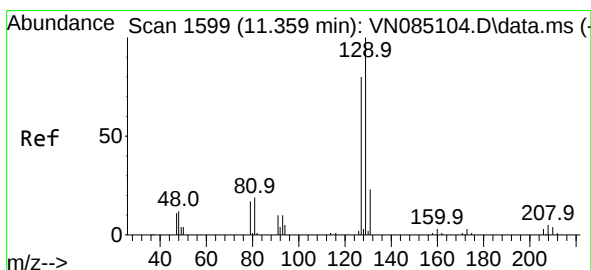
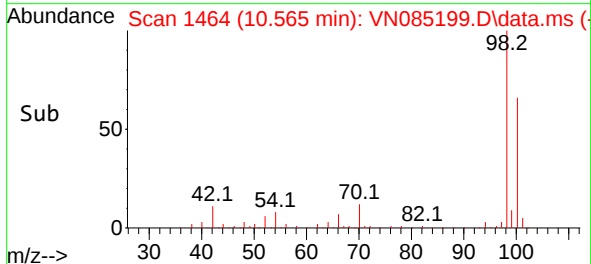
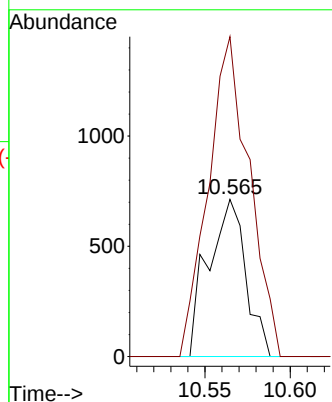
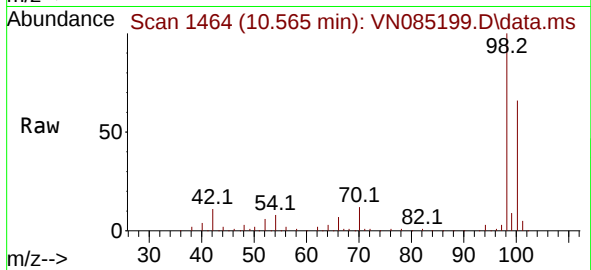




#51
4-Methyl-2-Pentanone
Concen: 0.556 ug/l
RT: 10.565 min Scan# 1443
Delta R.T. 0.123 min
Lab File: VN085199.D
Acq: 13 Dec 2024 16:16

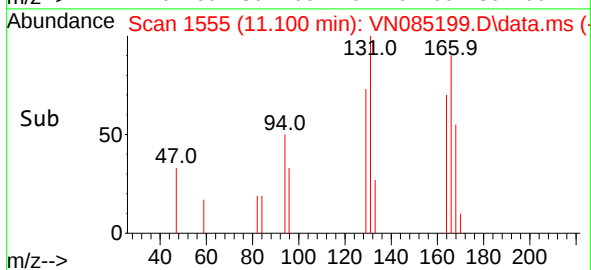
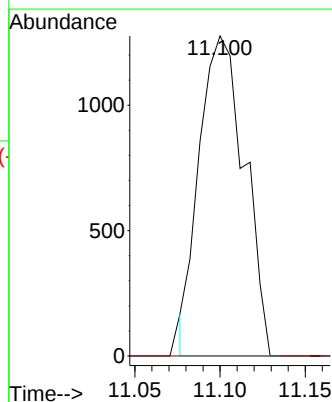
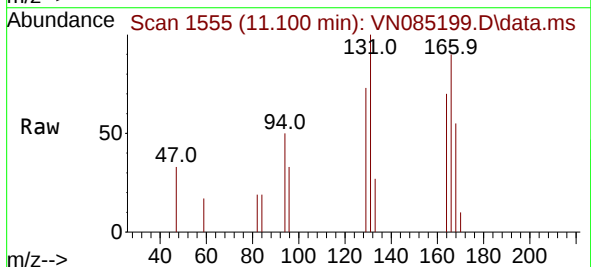
Instrument :
MSVOA_N
ClientSampleId :

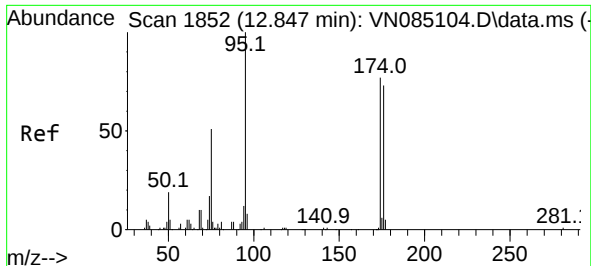
Tgt Ion: 43 Resp: 1090
Ion Ratio Lower Upper
43 100
58 223.3 32.1 48.1#



#60
Dibromochloromethane
Concen: 1.216 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.259 min
Lab File: VN085199.D
Acq: 13 Dec 2024 16:16

Tgt Ion: 129 Resp: 2357
Ion Ratio Lower Upper
129 100
127 0.0 39.2 117.6#

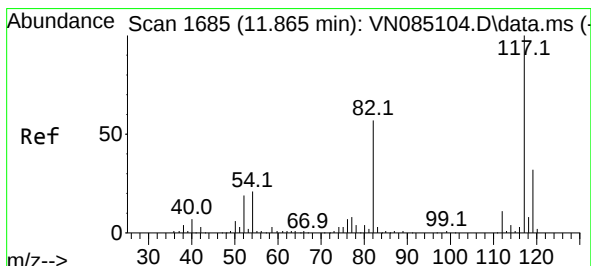
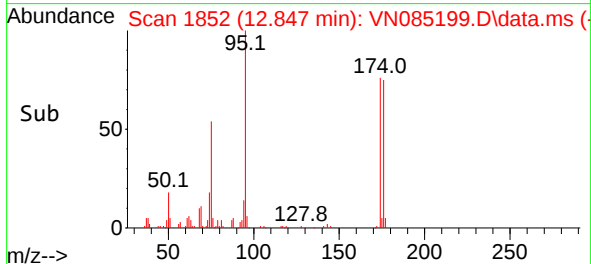
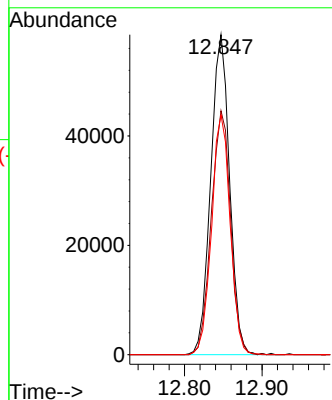
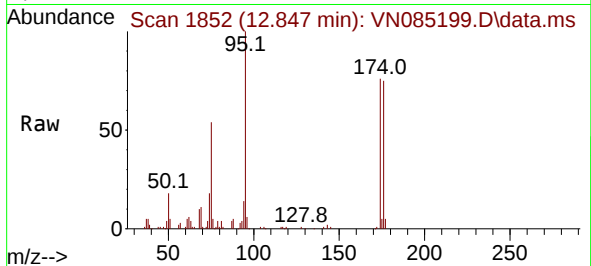




#62
4-Bromofluorobenzene
Concen: 44.030 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085199.D
Acq: 13 Dec 2024 16:16

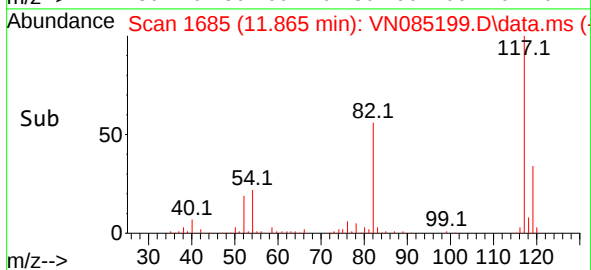
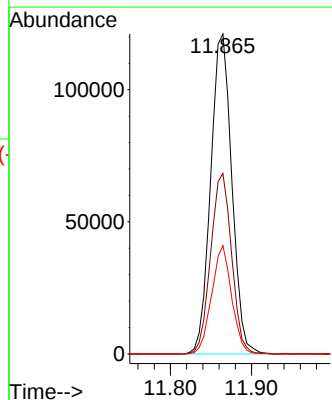
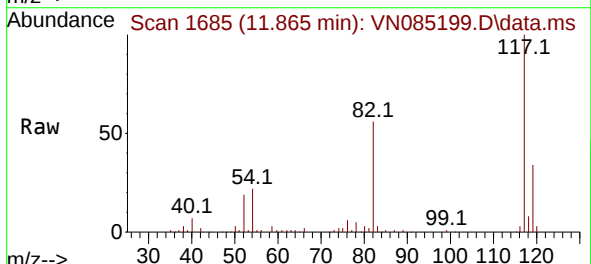
Instrument :
MSVOA_N
ClientSampleId :

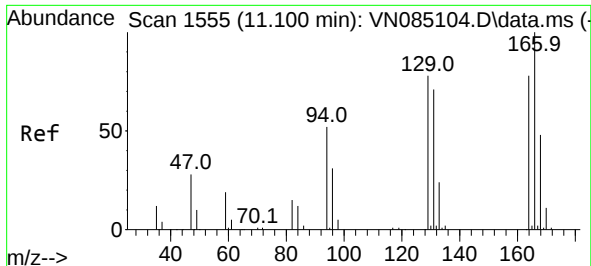
Tgt Ion: 95 Resp: 99076
Ion Ratio Lower Upper
95 100
174 77.7 0.0 146.6
176 73.7 0.0 141.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085199.D
Acq: 13 Dec 2024 16:16

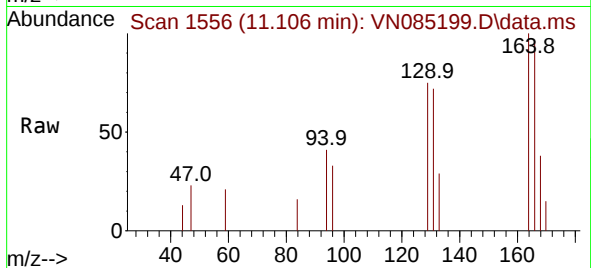
Tgt Ion: 117 Resp: 219158
Ion Ratio Lower Upper
117 100
82 56.4 46.0 69.0
119 33.9 25.6 38.4



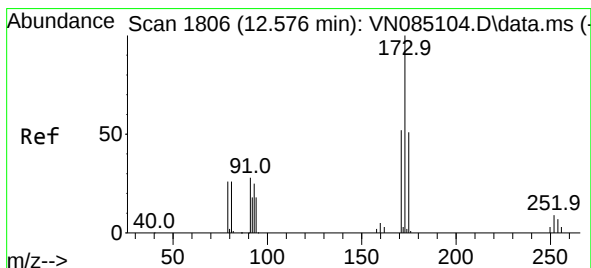
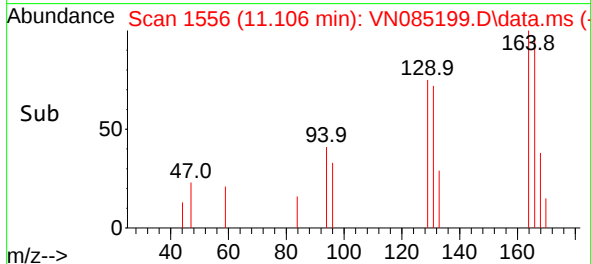
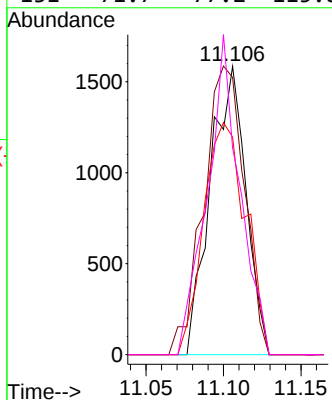


#64
Tetrachloroethene
Concen: 1.717 ug/l
RT: 11.106 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN085199.D
Acq: 13 Dec 2024 16:16

Instrument :
MSVOA_N
ClientSampleId :

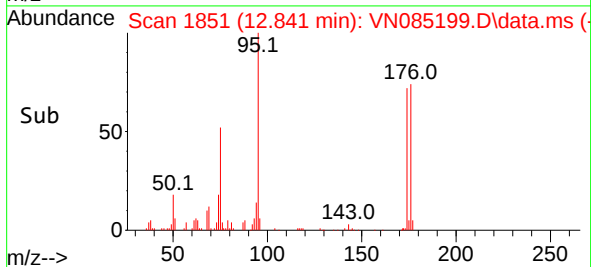
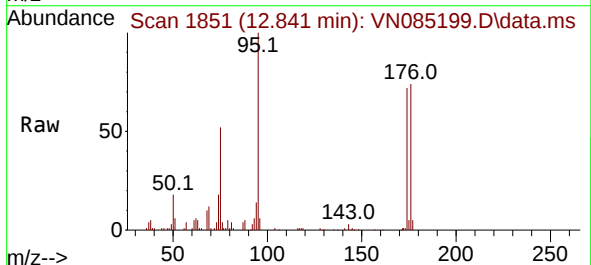
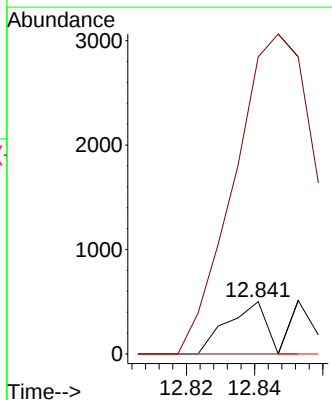


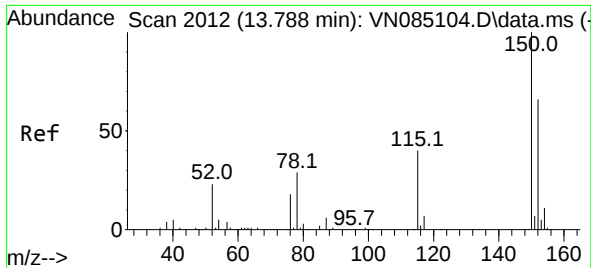
Tgt Ion:164 Resp: 2535
Ion Ratio Lower Upper
164 100
166 96.2 100.6 151.0#
129 75.5 77.7 116.5#
131 71.7 77.2 115.8#



#71
Bromoform
Concen: 0.302 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN085199.D
Acq: 13 Dec 2024 16:16

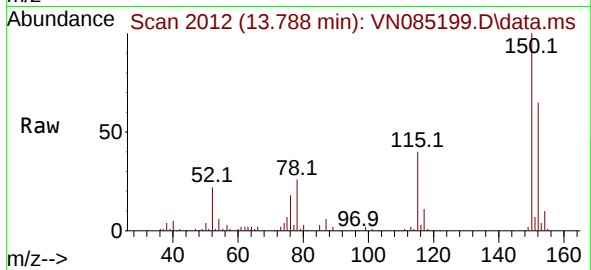
Tgt Ion:173 Resp: 392
Ion Ratio Lower Upper
173 100
175 1079.8 23.8 71.2#
254 0.0 0.0 0.0



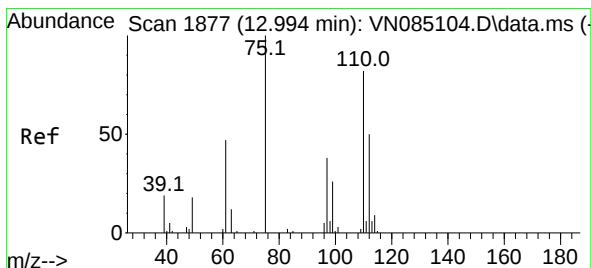
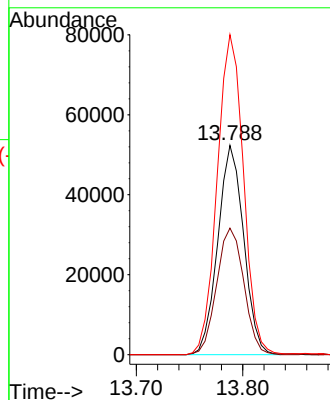
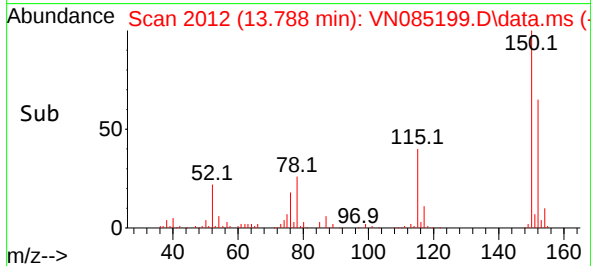


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN085199.D
 Acq: 13 Dec 2024 16:16

Instrument :
 MSVOA_N
 ClientSampleId :

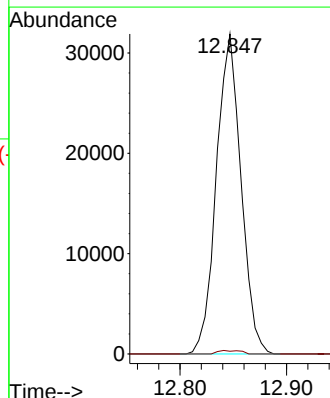
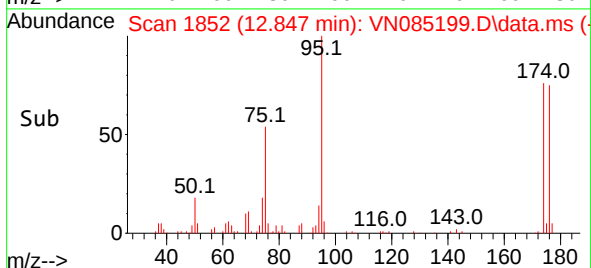
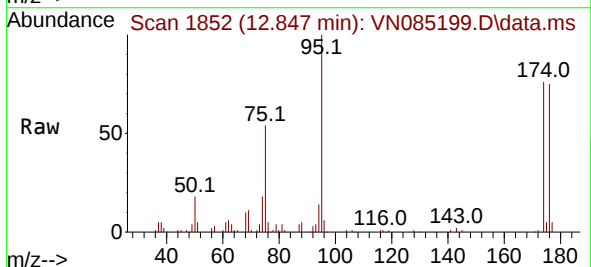


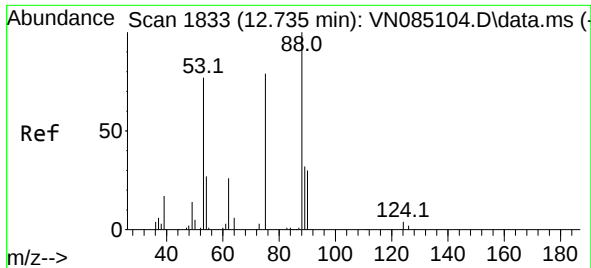
Tgt Ion:152 Resp: 88281
 Ion Ratio Lower Upper
 152 100
 115 63.3 31.7 95.1
 150 155.3 0.0 351.4



#76
 1,2,3-Trichloropropane
 Concen: 31.899 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN085199.D
 Acq: 13 Dec 2024 16:16

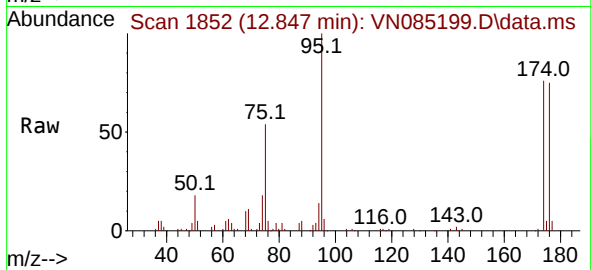
Tgt Ion: 75 Resp: 51223
 Ion Ratio Lower Upper
 75 100
 77 1.0 109.1 327.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.420 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN085199.D
Acq: 13 Dec 2024 16:16

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 51223
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.4#
89 0.0 37.9 56.9#

