

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075796.D
 Acq On : 15 Dec 2022 03:40
 Operator : JC\MD
 Sample : N5990-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-39

Quant Time: Dec 15 07:44:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

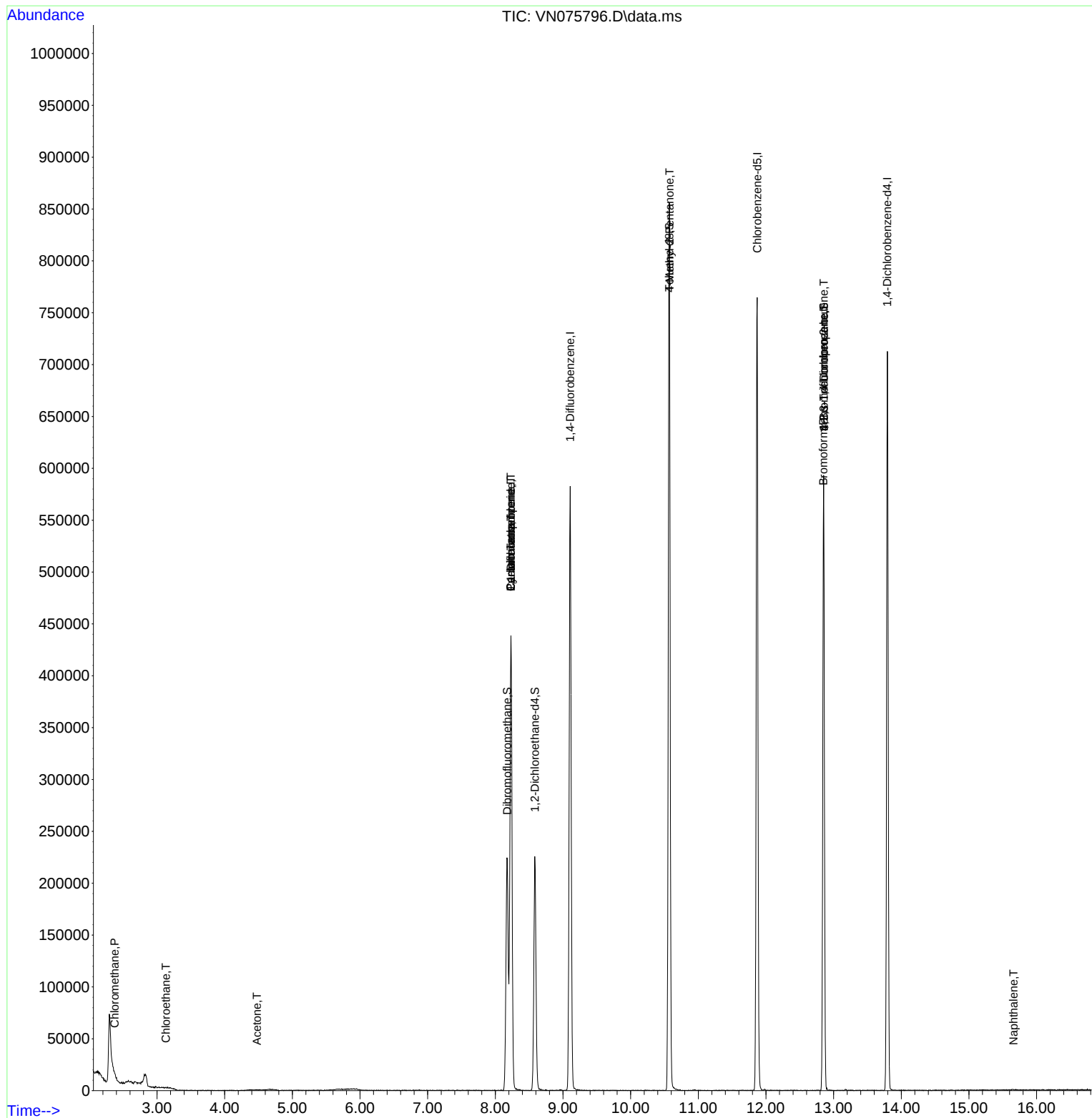
Internal Standards						
1) Pentafluorobenzene	8.229	168	339682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	536236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	469060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	198483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	175649	47.532	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.060%
35) Dibromofluoromethane	8.177	113	160954	48.468	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.940%
50) Toluene-d8	10.571	98	611333	49.237	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.480%
62) 4-Bromofluorobenzene	12.853	95	194400	47.272	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.540%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	619	0.206	ug/l	95
6) Chloroethane	3.130	64	848	0.320	ug/l #	44
16) Acetone	4.477	43	401	0.315	ug/l #	39
31) Cyclohexane	8.229	56	6232	1.178	ug/l #	32
36) 1,1-Dichloropropene	8.229	75	23464	5.319	ug/l #	50
38) Carbon Tetrachloride	8.229	117	32917	6.667	ug/l #	17
51) 4-Methyl-2-Pentanone	10.576	43	2380	0.673	ug/l #	1
71) Bromoform	12.847	173	1787	0.689	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	99058	24.759	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	99058	89.119	ug/l #	12
95) Naphthalene	15.658	128	775	2.246	ug/l #	69

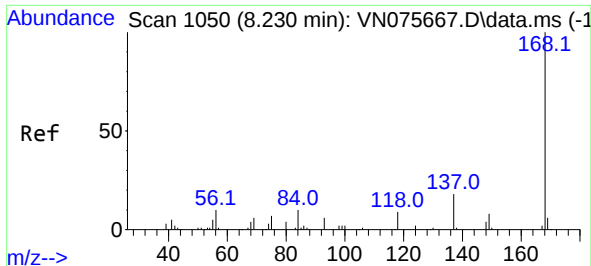
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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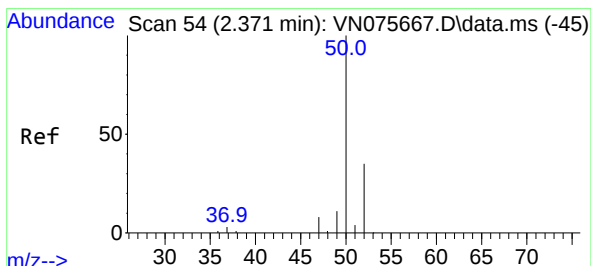
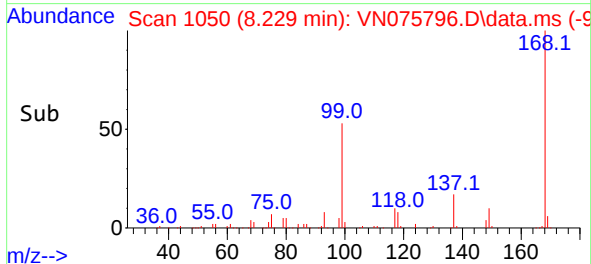
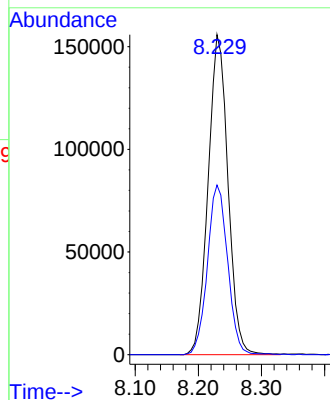
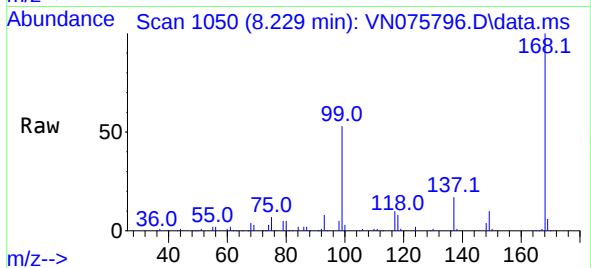




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN075796.D
Acq: 15 Dec 2022 03:40

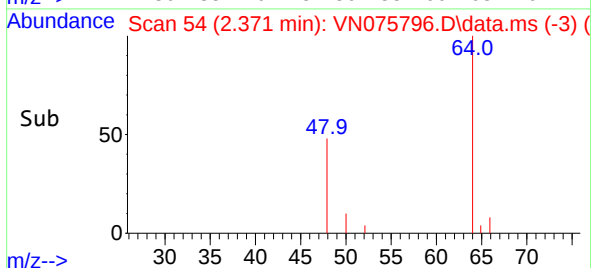
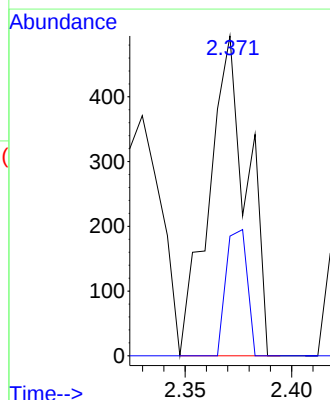
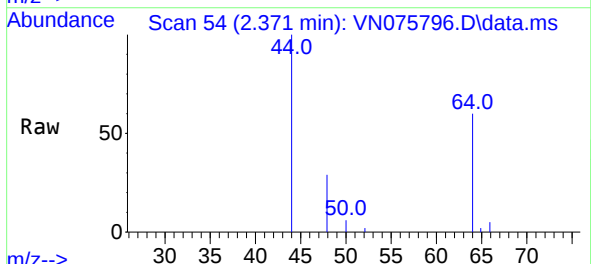
Instrument :
MSVOA_N
ClientSampleId :
MW-39

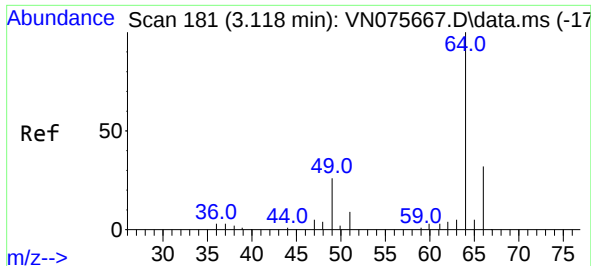
Tgt Ion:168 Resp: 339682
Ion Ratio Lower Upper
168 100
99 53.0 44.2 66.4



#3
Chloromethane
Concen: 0.206 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN075796.D
Acq: 15 Dec 2022 03:40

Tgt Ion: 50 Resp: 619
Ion Ratio Lower Upper
50 100
52 37.4 27.7 41.5

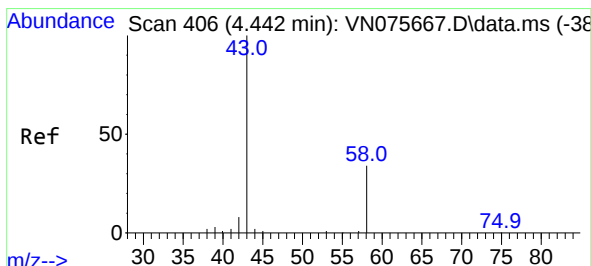
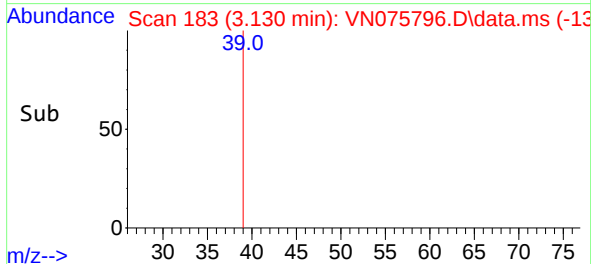
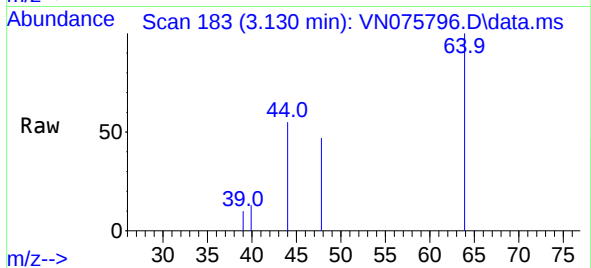




#6
Chloroethane
Concen: 0.320 ug/l
RT: 3.130 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN075796.D
Acq: 15 Dec 2022 03:40

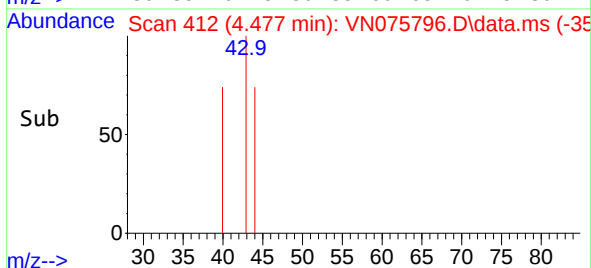
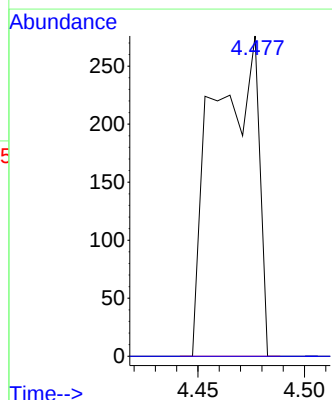
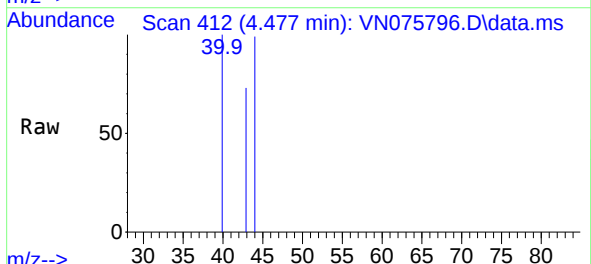
Instrument :
MSVOA_N
ClientSampleId :
MW-39

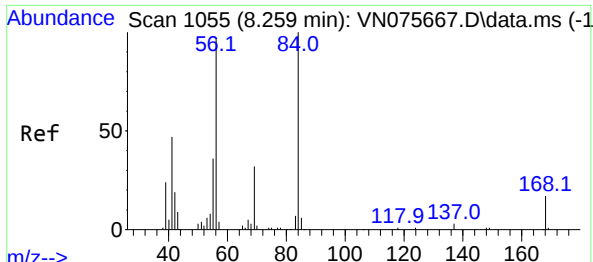
Tgt Ion: 64 Resp: 848
Ion Ratio Lower Upper
64 100
66 0.0 24.6 36.8#



#16
Acetone
Concen: 0.315 ug/l
RT: 4.477 min Scan# 412
Delta R.T. 0.035 min
Lab File: VN075796.D
Acq: 15 Dec 2022 03:40

Tgt Ion: 43 Resp: 401
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#





#31

Cyclohexane

Concen: 1.178 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.035 min

Lab File: VN075796.D

Acq: 15 Dec 2022 03:40

Instrument :

MSVOA_N

ClientSampleId :

MW-39

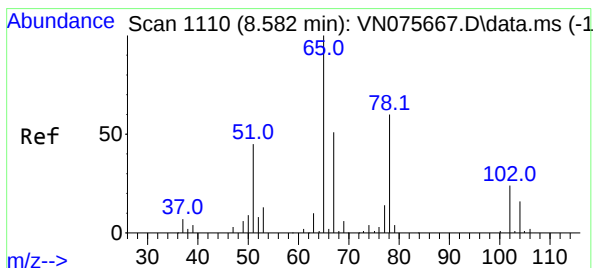
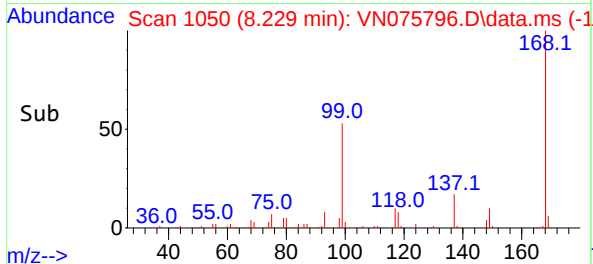
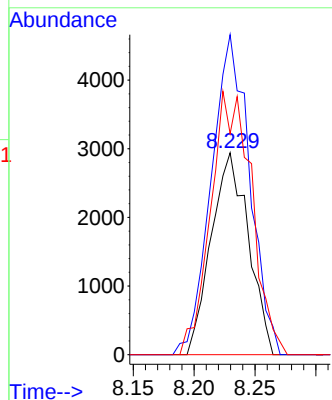
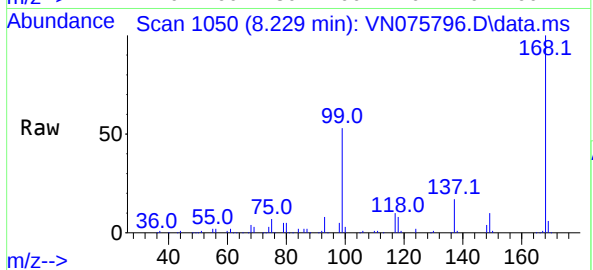
Tgt Ion: 56 Resp: 6232

Ion Ratio Lower Upper

56 100

69 158.5 24.7 37.1#

84 109.5 76.5 114.7



#33

1,2-Dichloroethane-d4

Concen: 47.532 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075796.D

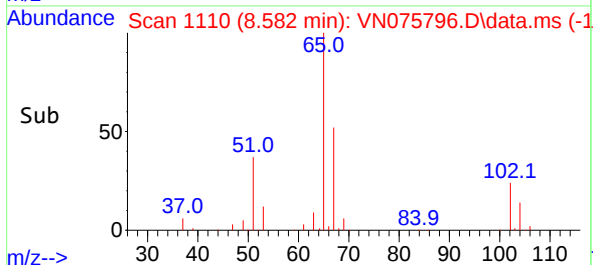
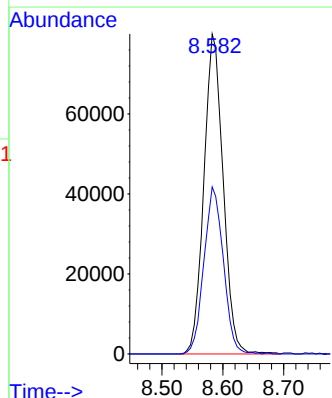
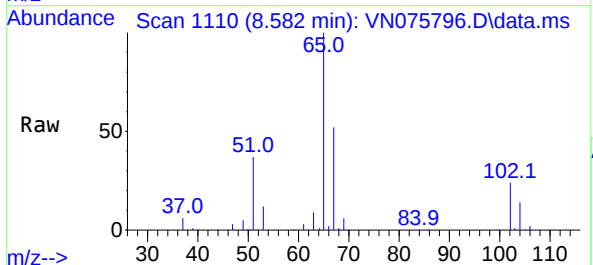
Acq: 15 Dec 2022 03:40

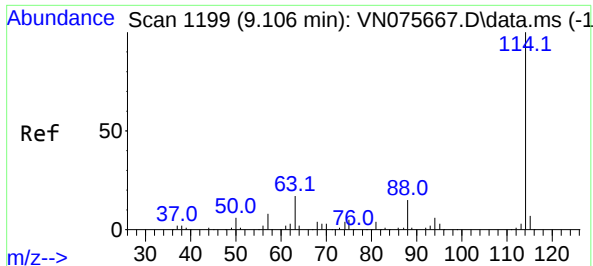
Tgt Ion: 65 Resp: 175649

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.4

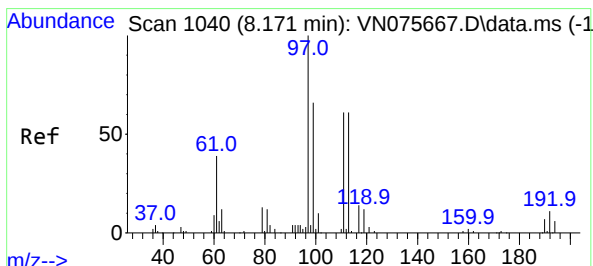
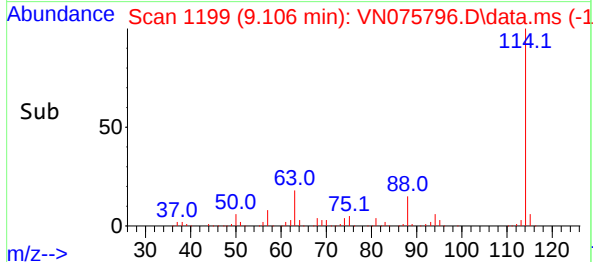
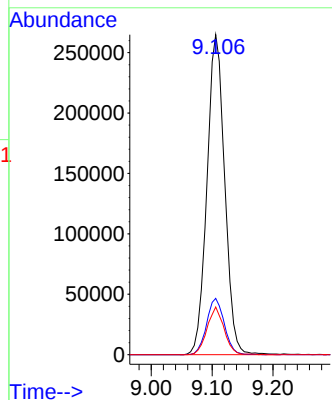
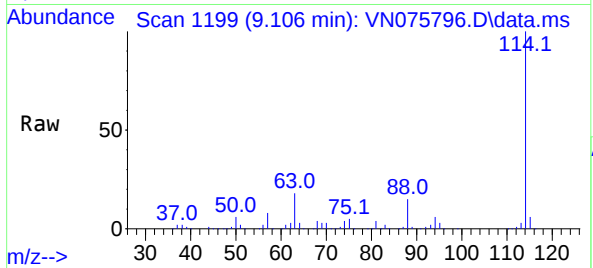




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075796.D
Acq: 15 Dec 2022 03:40

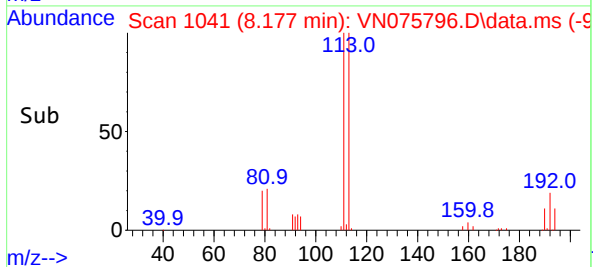
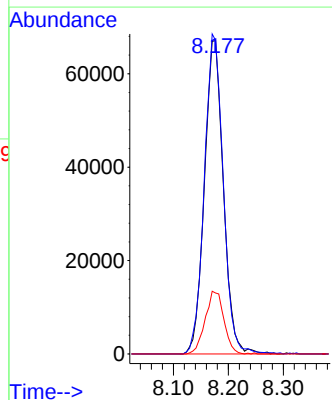
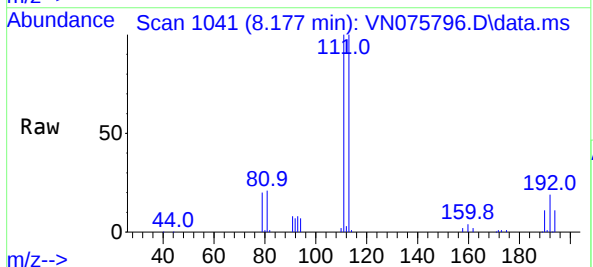
Instrument :
MSVOA_N
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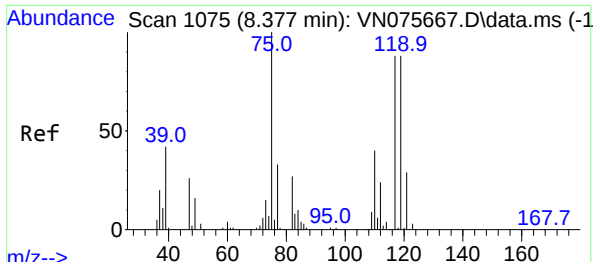
Tgt Ion:114 Resp: 536236
Ion Ratio Lower Upper
114 100
63 17.6 0.0 34.4
88 14.9 0.0 28.8



#35
Dibromofluoromethane
Concen: 48.468 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075796.D
Acq: 15 Dec 2022 03:40

Tgt Ion:113 Resp: 160954
Ion Ratio Lower Upper
113 100
111 101.6 83.4 125.2
192 19.7 16.1 24.1

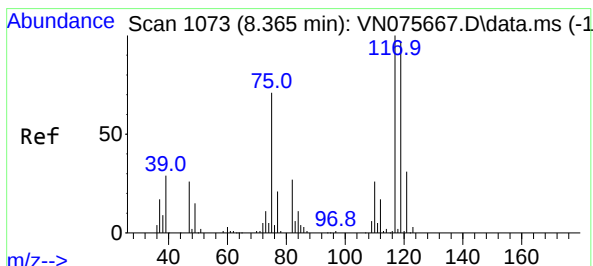
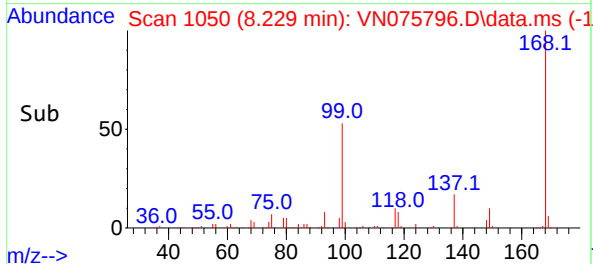
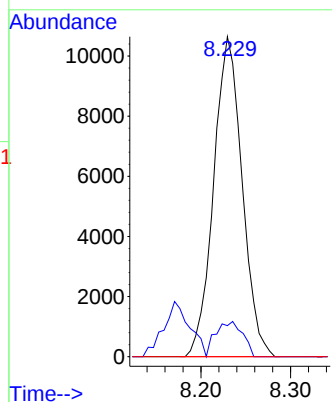
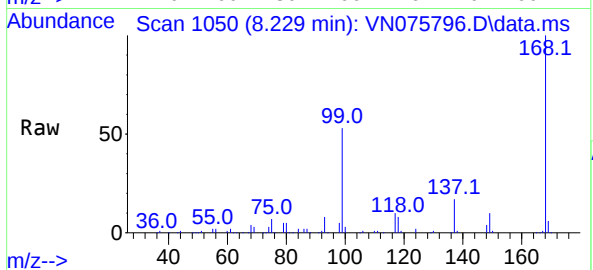




#36
1,1-Dichloropropene
Concen: 5.319 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075796.D
Acq: 15 Dec 2022 03:40

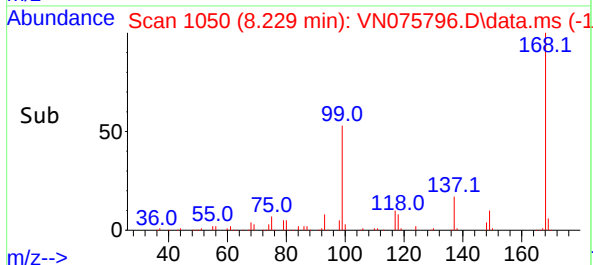
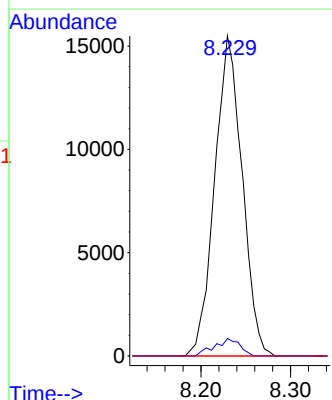
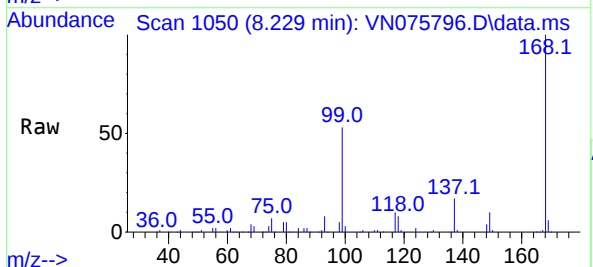
Instrument : MSVOA_N
ClientSampleId : MW-39

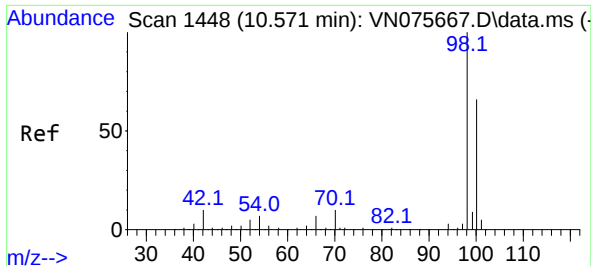
Tgt Ion:	75	Resp:	23464
Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.8	56.4#
77	0.0	24.1	36.1#



#38
Carbon Tetrachloride
Concen: 6.667 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN075796.D
Acq: 15 Dec 2022 03:40

Tgt Ion:	117	Resp:	32917
Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.1	114.1#
121	0.0	24.5	36.7#

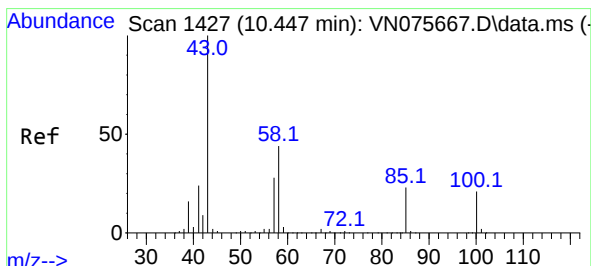
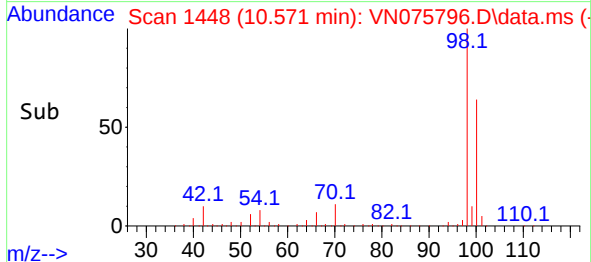
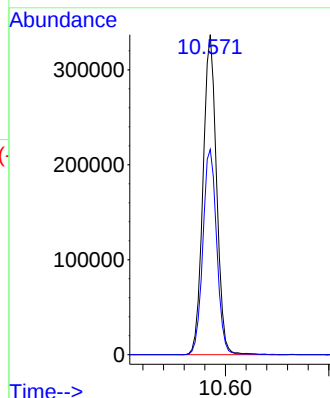
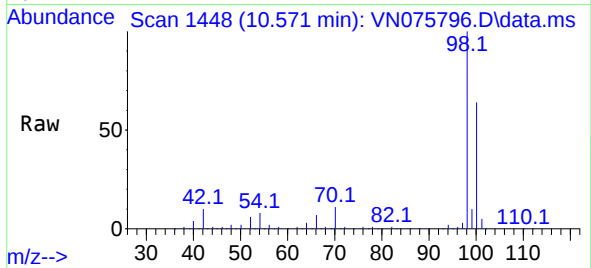




#50
Toluene-d8
Concen: 49.237 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075796.D
Acq: 15 Dec 2022 03:40

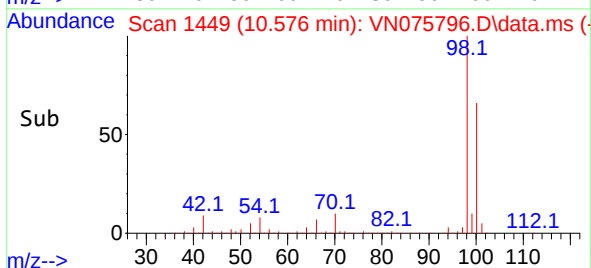
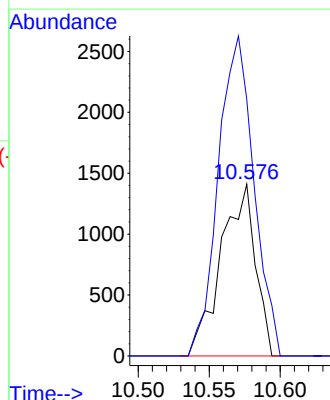
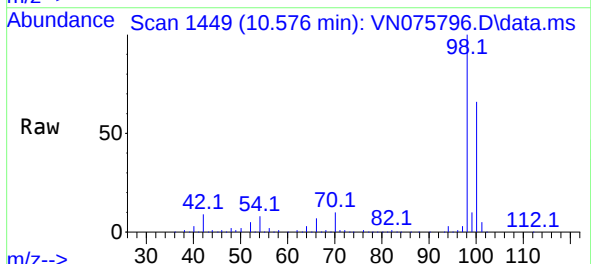
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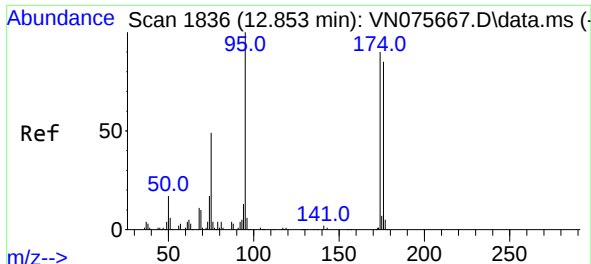
Tgt Ion: 98 Resp: 611333
Ion Ratio Lower Upper
98 100
100 65.7 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.673 ug/l
RT: 10.576 min Scan# 1449
Delta R.T. 0.129 min
Lab File: VN075796.D
Acq: 15 Dec 2022 03:40

Tgt Ion: 43 Resp: 2380
Ion Ratio Lower Upper
43 100
58 192.8 35.5 53.3#

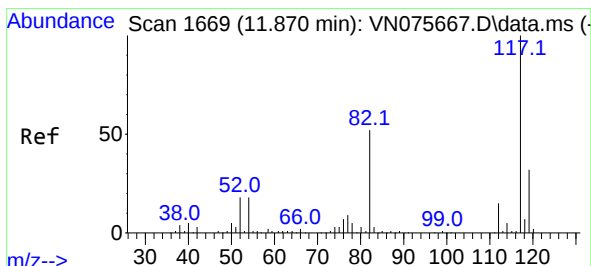
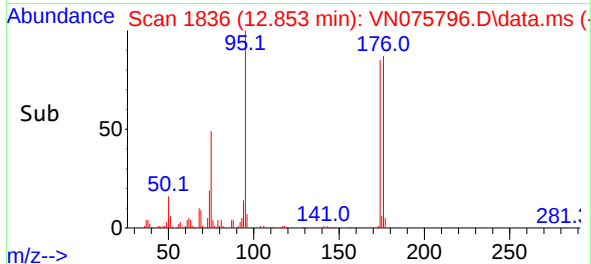
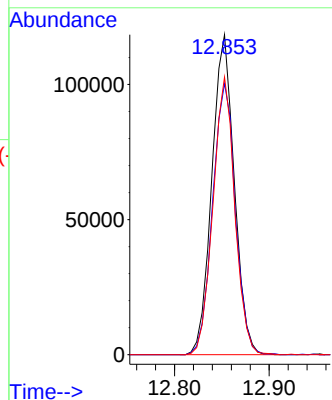
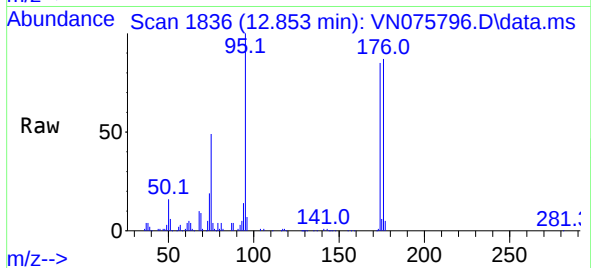




#62
4-Bromofluorobenzene
Concen: 47.272 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075796.D
Acq: 15 Dec 2022 03:40

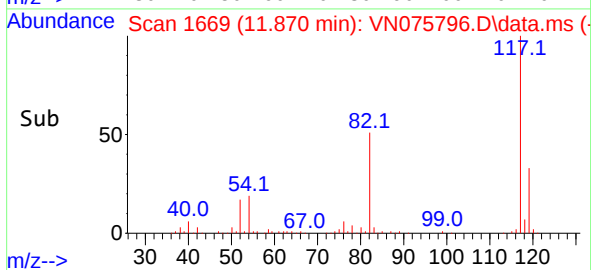
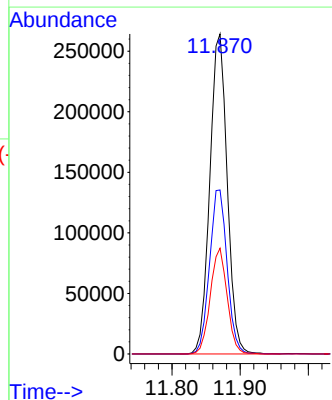
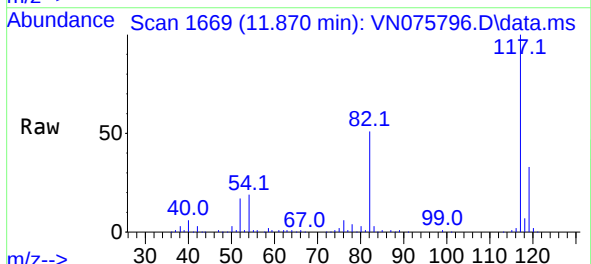
Instrument :
MSVOA_N
ClientSampleId :
MW-39

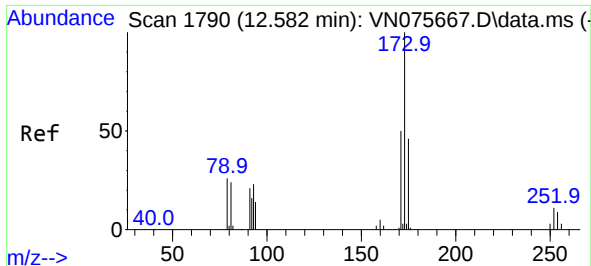
Tgt Ion: 95 Resp: 194400
Ion Ratio Lower Upper
95 100
174 86.2 0.0 171.6
176 84.4 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075796.D
Acq: 15 Dec 2022 03:40

Tgt Ion: 117 Resp: 469060
Ion Ratio Lower Upper
117 100
82 51.2 41.3 61.9
119 33.1 24.6 37.0

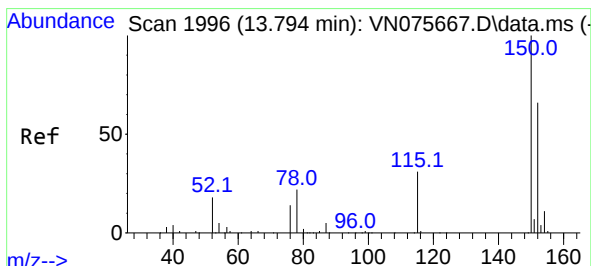
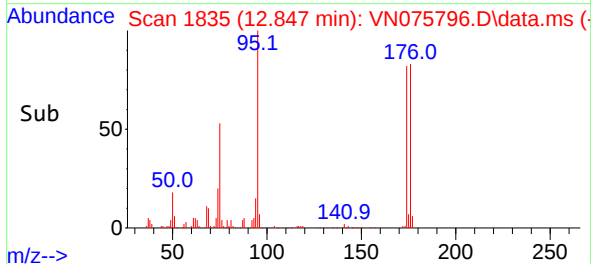
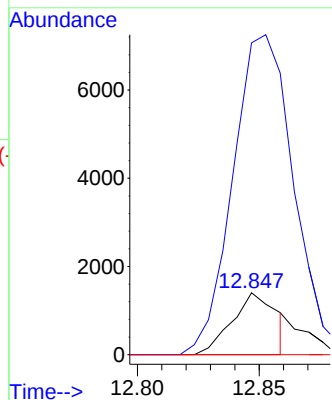
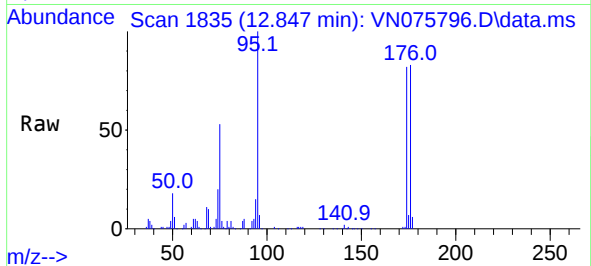




#71
Bromoform
Concen: 0.689 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN075796.D
Acq: 15 Dec 2022 03:40

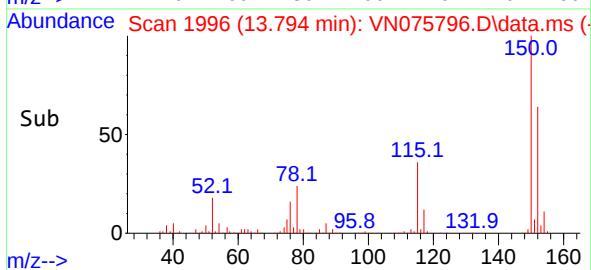
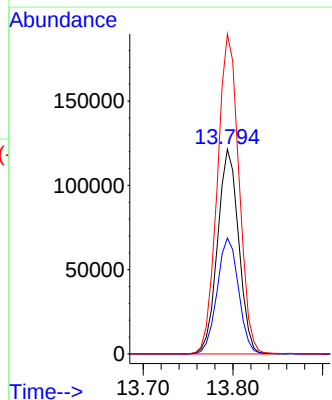
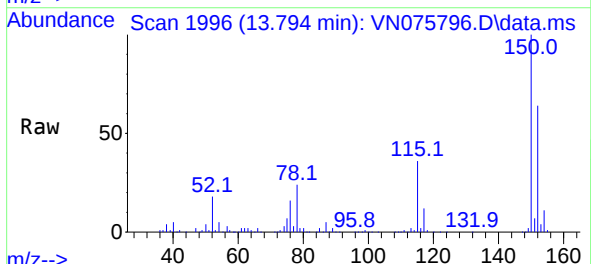
Instrument :
MSVOA_N
ClientSampleId :
MW-39

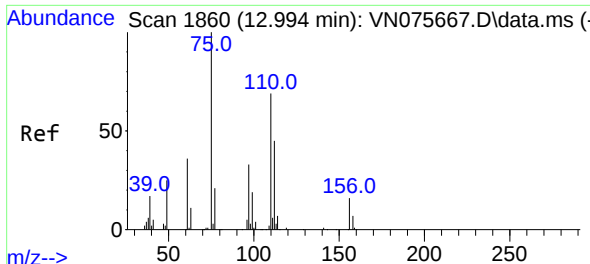
Tgt Ion:173 Resp: 1787
Ion Ratio Lower Upper
173 100
175 571.1 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075796.D
Acq: 15 Dec 2022 03:40

Tgt Ion:152 Resp: 198483
Ion Ratio Lower Upper
152 100
115 57.6 29.1 87.4
150 159.8 0.0 347.0

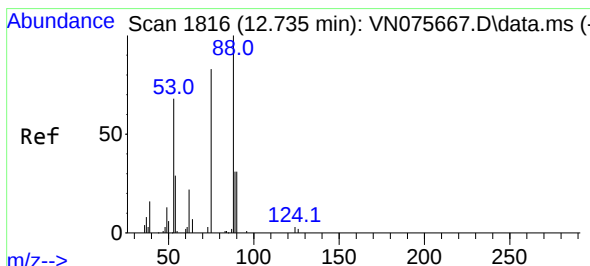
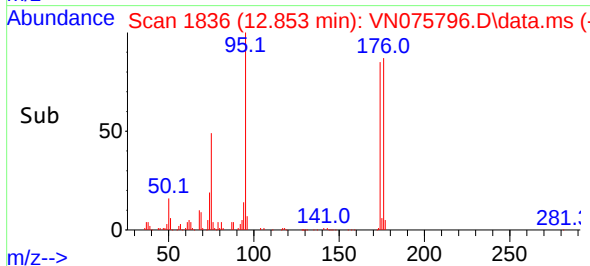
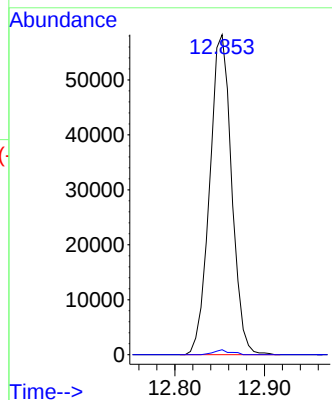
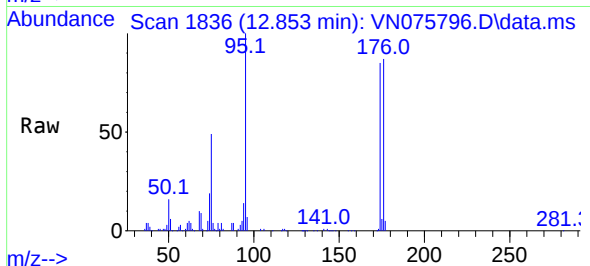




#76
1,2,3-Trichloropropane
Concen: 24.759 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075796.D
Acq: 15 Dec 2022 03:40

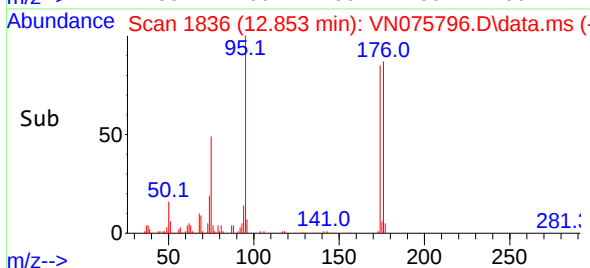
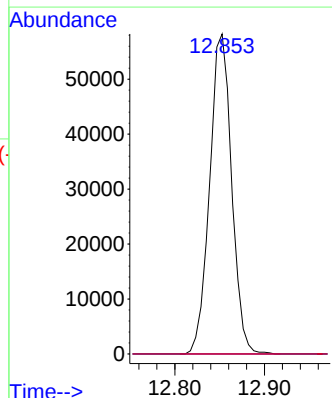
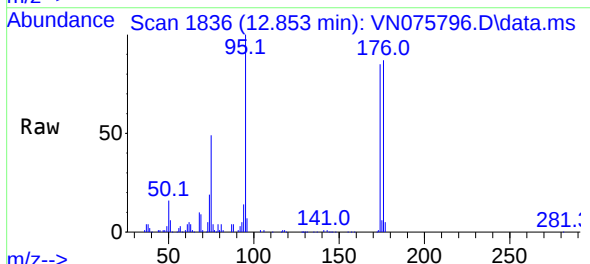
Instrument :
MSVOA_N
ClientSampleId :
MW-39

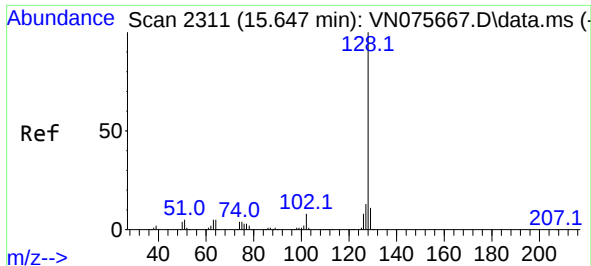
Tgt Ion: 75 Resp: 99058
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.119 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075796.D
Acq: 15 Dec 2022 03:40

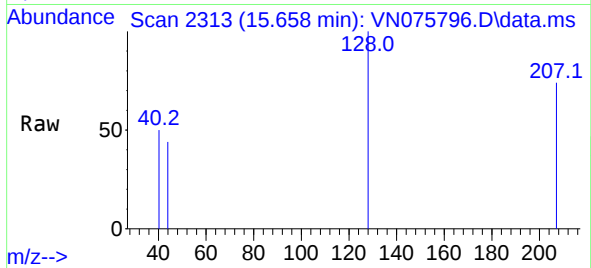
Tgt Ion: 75 Resp: 99058
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#





#95
Naphthalene
Concen: 2.246 ug/l
RT: 15.658 min Scan# 21
Delta R.T. 0.017 min
Lab File: VN075796.D
Acq: 15 Dec 2022 03:40

Instrument :
MSVOA_N
ClientSampleId :
MW-39



Tgt Ion:128 Resp: 775
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.7 13.1#

