

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075797.D
 Acq On : 15 Dec 2022 04:04
 Operator : JC\MD
 Sample : N5990-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-40

Quant Time: Dec 15 07:44:37 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)

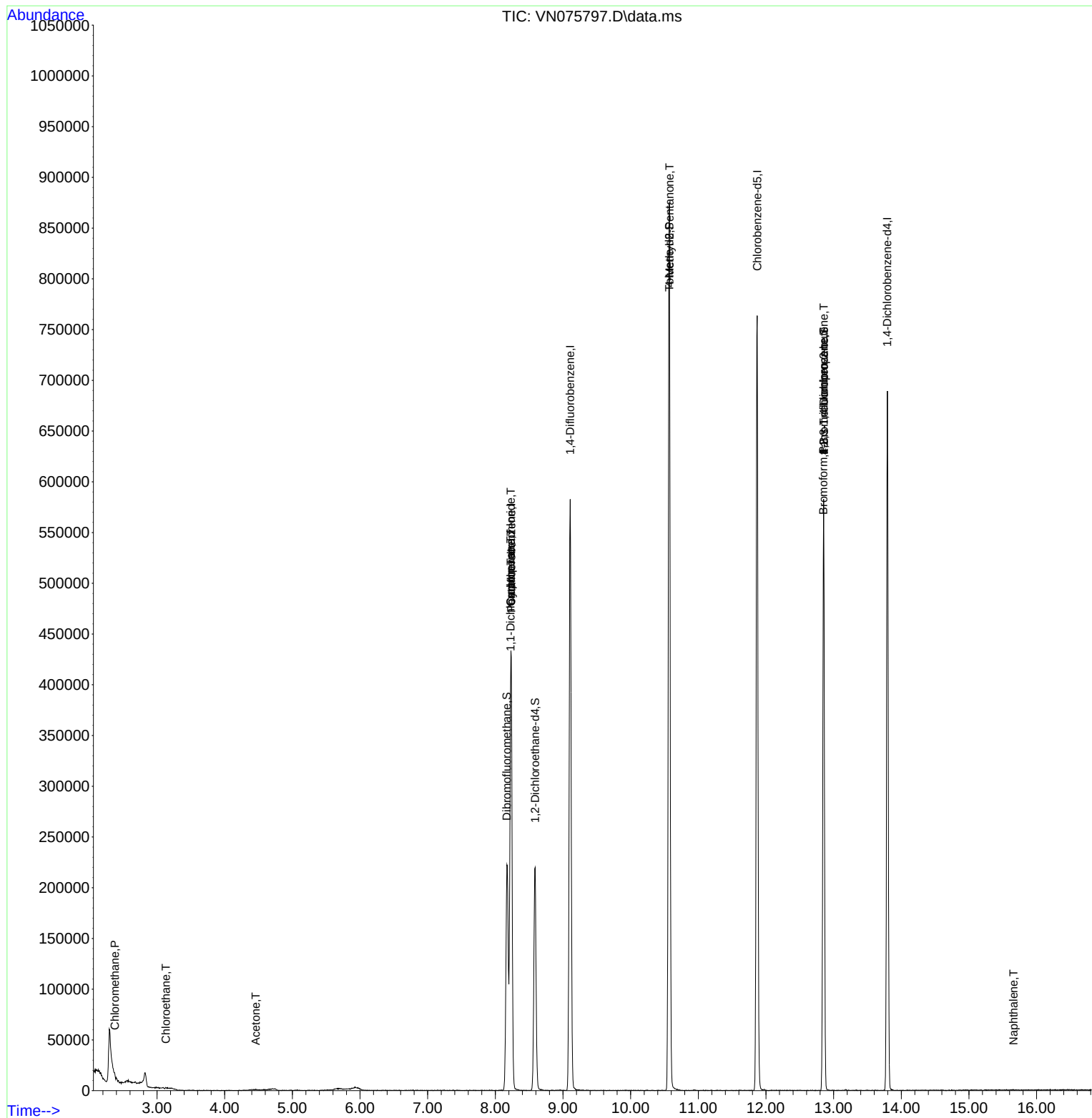
Internal Standards						
1) Pentafluorobenzene	8.236	168	344942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	541802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	470559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	195157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	178626	47.600	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.200%
35) Dibromofluoromethane	8.171	113	161212	48.047	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.100%
50) Toluene-d8	10.571	98	633166	50.471	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.940%
62) 4-Bromofluorobenzene	12.853	95	193818	46.646	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.300%
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	741	0.243	ug/l #	40
6) Chloroethane	3.130	64	757	0.281	ug/l #	44
16) Acetone	4.459	43	770	0.595	ug/l #	39
31) Cyclohexane	8.230	56	6712	1.249	ug/l #	3
36) 1,1-Dichloropropene	8.224	75	24324	5.457	ug/l #	50
38) Carbon Tetrachloride	8.230	117	32927	6.600	ug/l #	17
51) 4-Methyl-2-Pentanone	10.577	43	2095	0.587	ug/l #	1
71) Bromoform	12.847	173	1732	0.665	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	96839	24.617	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	96839	88.607	ug/l #	12
95) Naphthalene	15.659	128	294	2.204	ug/l #	69

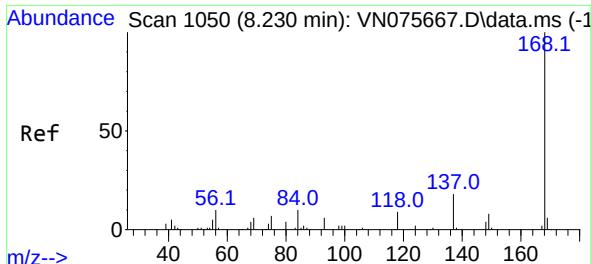
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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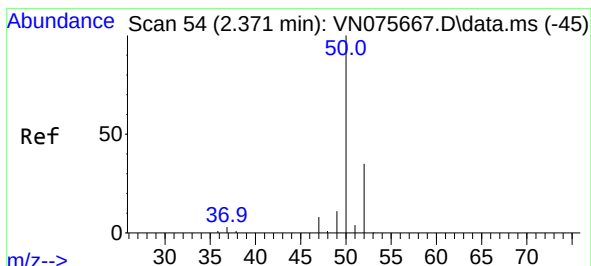
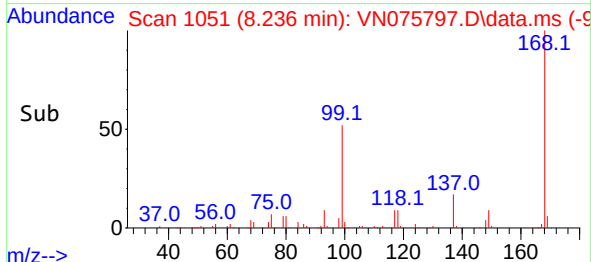
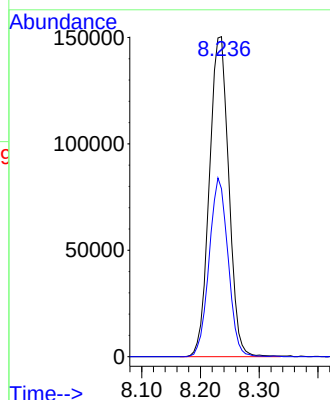
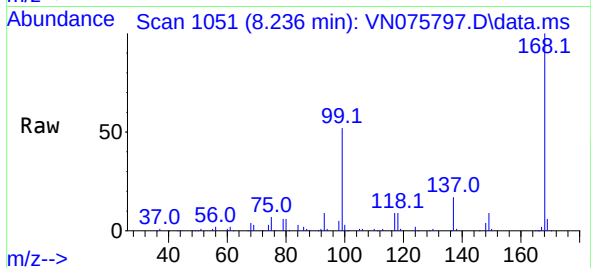




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN075797.D
Acq: 15 Dec 2022 04:04

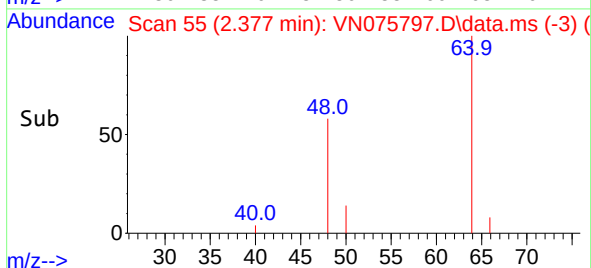
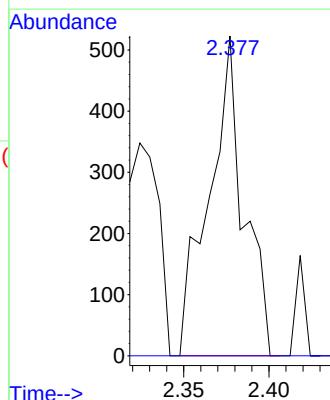
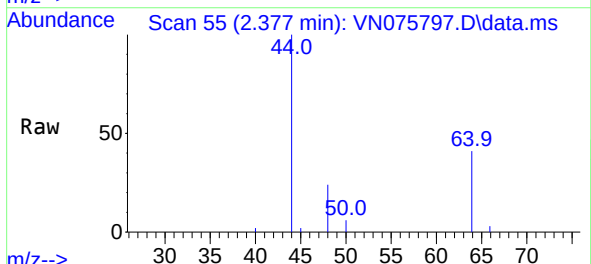
Instrument :
MSVOA_N
ClientSampleId :
MW-40

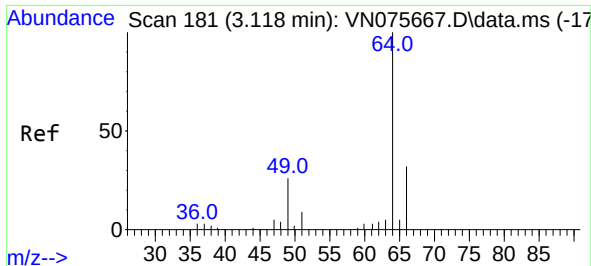
Tgt Ion:168 Resp: 344942
Ion Ratio Lower Upper
168 100
99 52.5 44.2 66.4



#3
Chloromethane
Concen: 0.243 ug/l
RT: 2.377 min Scan# 55
Delta R.T. 0.006 min
Lab File: VN075797.D
Acq: 15 Dec 2022 04:04

Tgt Ion: 50 Resp: 741
Ion Ratio Lower Upper
50 100
52 0.0 27.7 41.5#

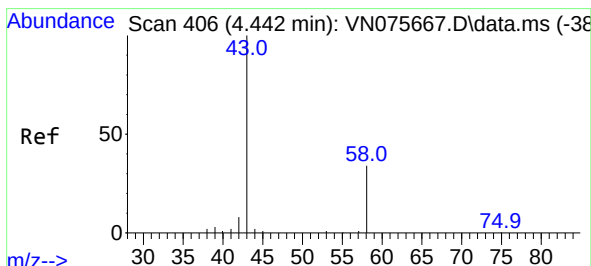
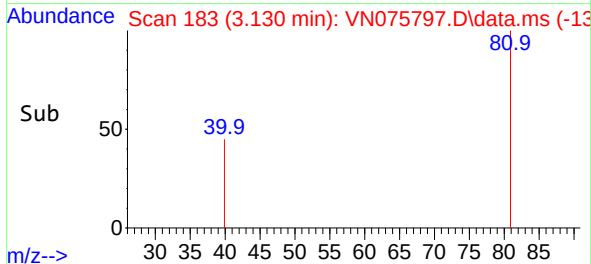
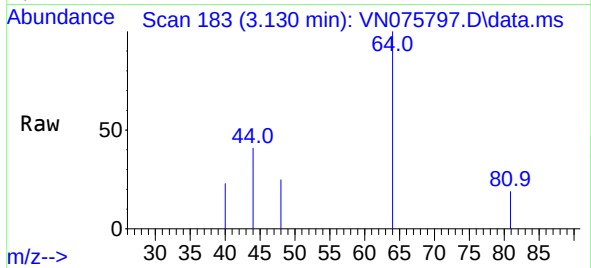




#6
Chloroethane
Concen: 0.281 ug/l
RT: 3.130 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN075797.D
Acq: 15 Dec 2022 04:04

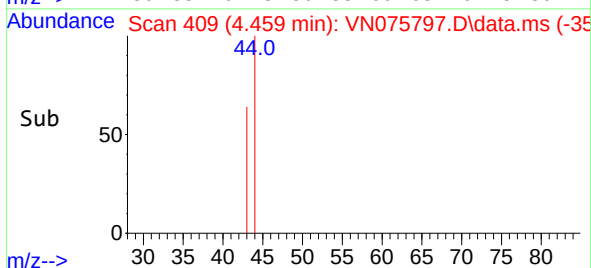
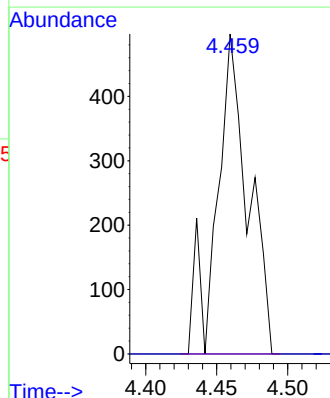
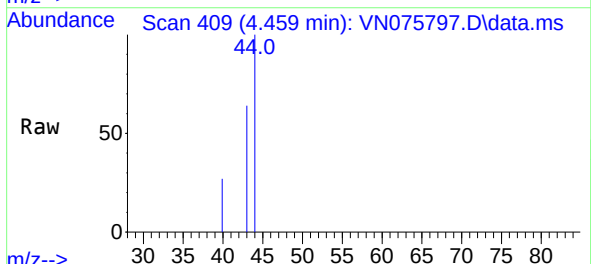
Instrument :
MSVOA_N
ClientSampleId :
MW-40

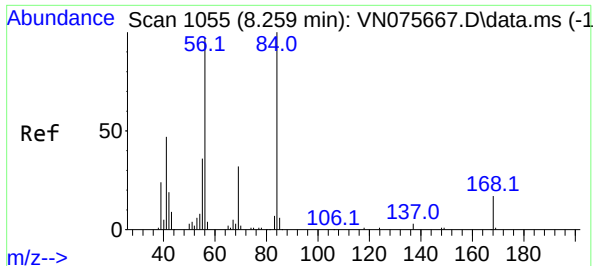
Tgt Ion: 64 Resp: 757
Ion Ratio Lower Upper
64 100
66 0.0 24.6 36.8#



#16
Acetone
Concen: 0.595 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.018 min
Lab File: VN075797.D
Acq: 15 Dec 2022 04:04

Tgt Ion: 43 Resp: 770
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#





#31

Cyclohexane

Concen: 1.249 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.035 min

Lab File: VN075797.D

Acq: 15 Dec 2022 04:04

Instrument :

MSVOA_N

ClientSampleId :

MW-40

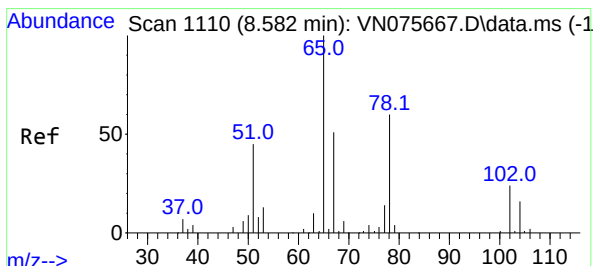
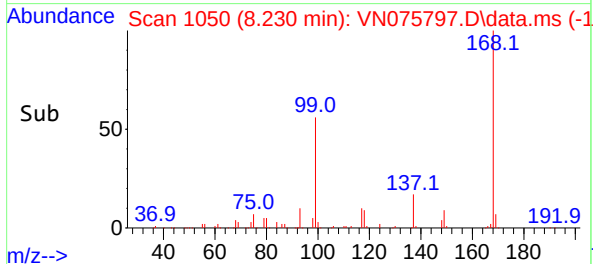
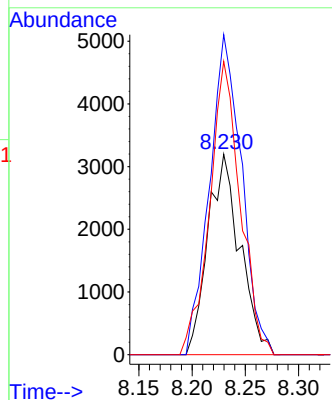
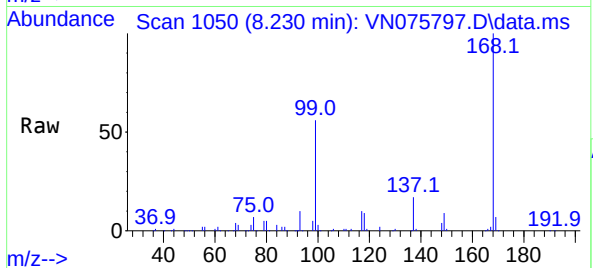
Tgt Ion: 56 Resp: 6712

Ion Ratio Lower Upper

56 100

69 159.6 24.7 37.1#

84 146.2 76.5 114.7#



#33

1,2-Dichloroethane-d4

Concen: 47.600 ug/l

RT: 8.589 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075797.D

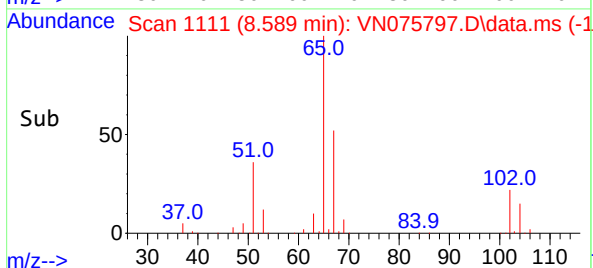
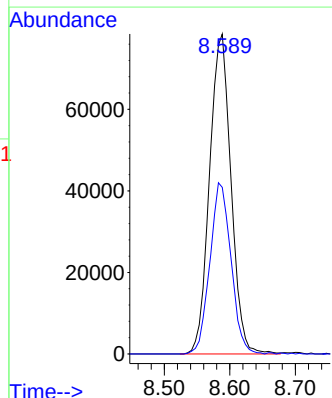
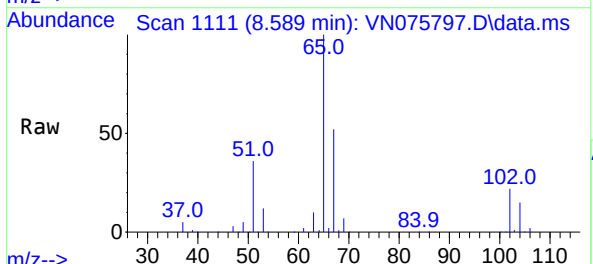
Acq: 15 Dec 2022 04:04

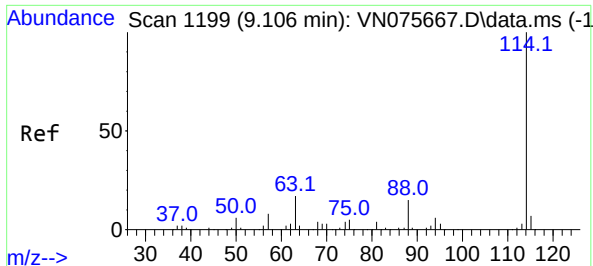
Tgt Ion: 65 Resp: 178626

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.4

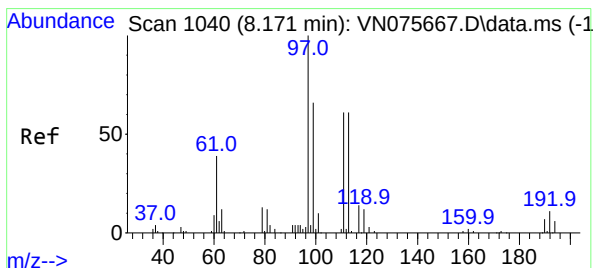
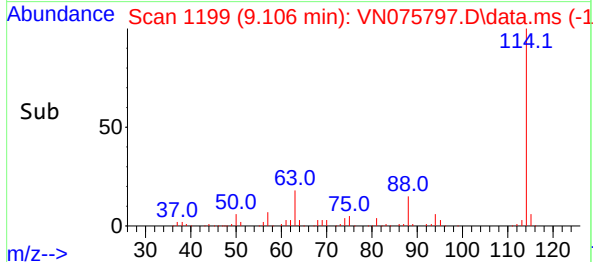
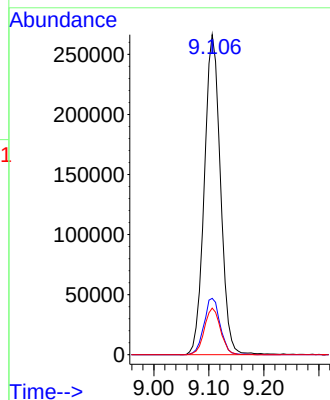
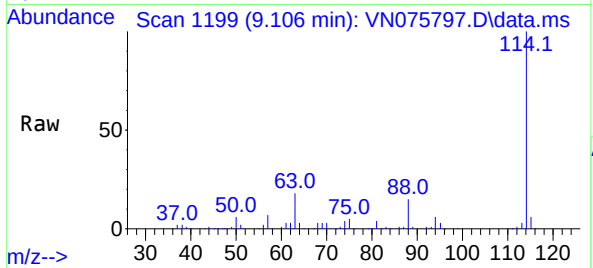




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075797.D
Acq: 15 Dec 2022 04:04

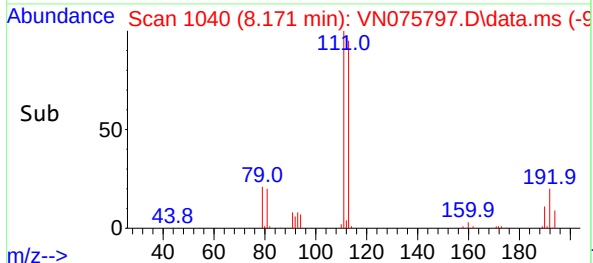
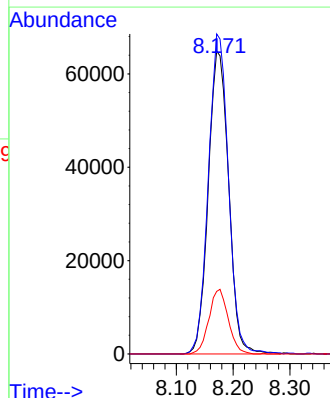
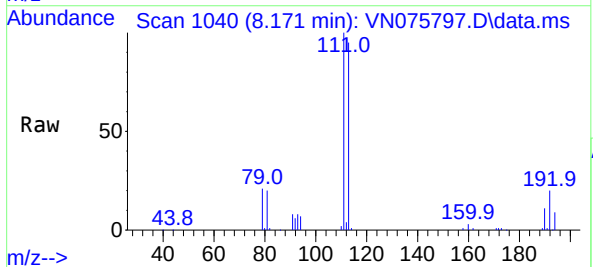
Instrument :
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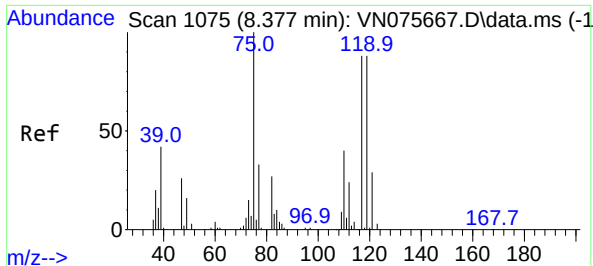
Tgt Ion:114 Resp: 541802
Ion Ratio Lower Upper
114 100
63 17.6 0.0 34.4
88 14.6 0.0 28.8



#35
Dibromofluoromethane
Concen: 48.047 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075797.D
Acq: 15 Dec 2022 04:04

Tgt Ion:113 Resp: 161212
Ion Ratio Lower Upper
113 100
111 104.3 83.4 125.2
192 20.3 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.457 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.153 min

Lab File: VN075797.D

Acq: 15 Dec 2022 04:04

Instrument :

MSVOA_N

ClientSampleId :

MW-40

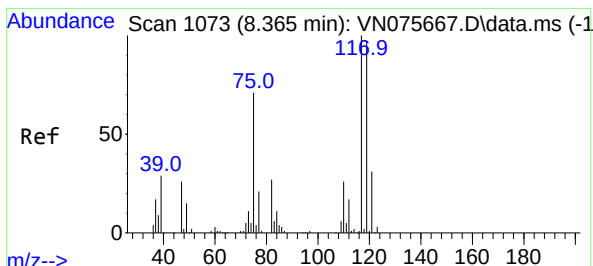
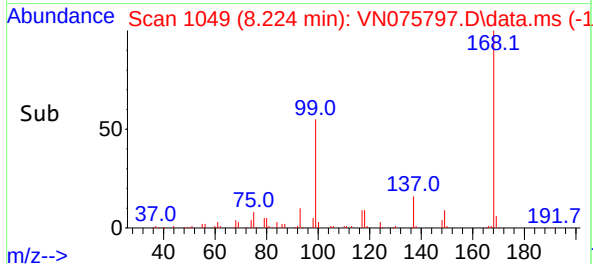
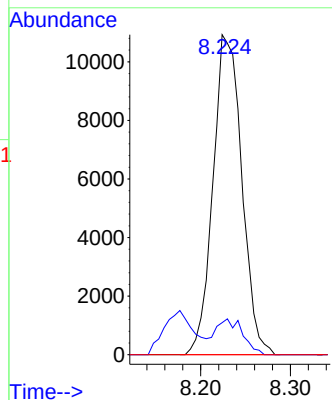
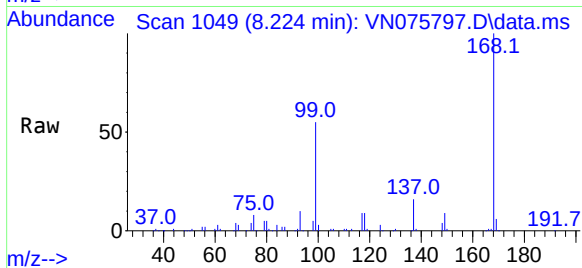
Tgt Ion: 75 Resp: 24324

Ion Ratio Lower Upper

75 100

110 10.7 18.8 56.4#

77 0.0 24.1 36.1#



#38

Carbon Tetrachloride

Concen: 6.600 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN075797.D

Acq: 15 Dec 2022 04:04

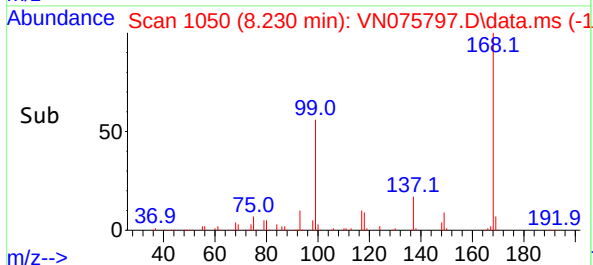
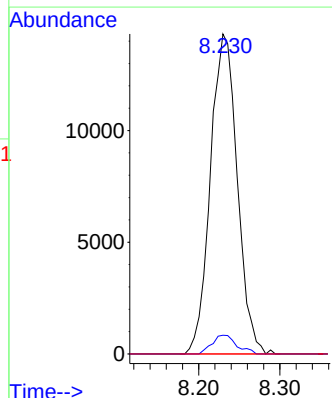
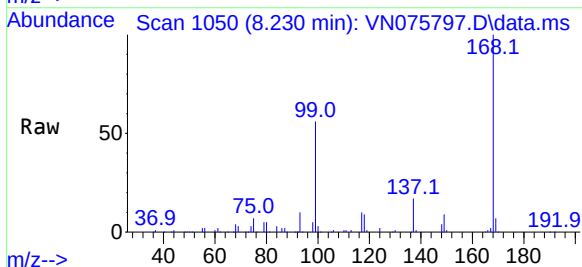
Tgt Ion: 117 Resp: 32927

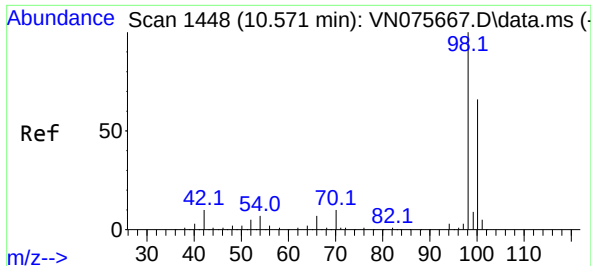
Ion Ratio Lower Upper

117 100

119 5.8 76.1 114.1#

121 0.0 24.5 36.7#

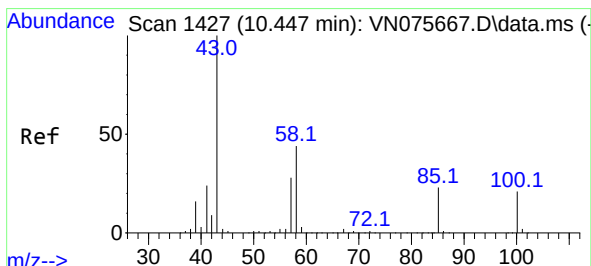
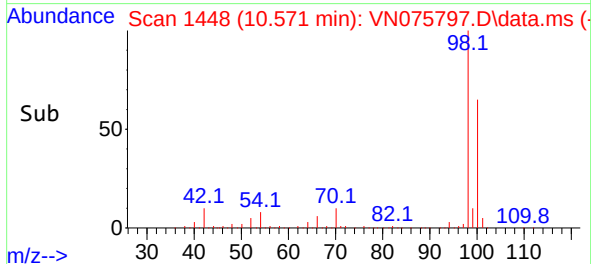
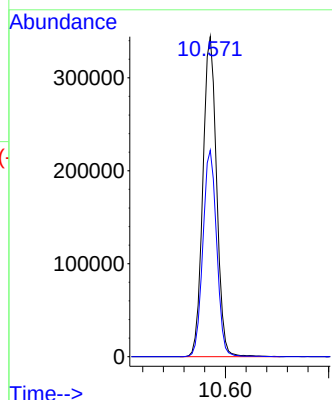
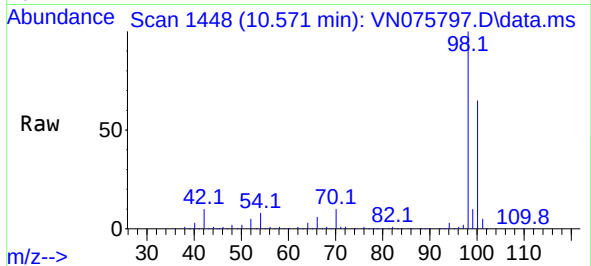




#50
Toluene-d8
Concen: 50.471 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075797.D
Acq: 15 Dec 2022 04:04

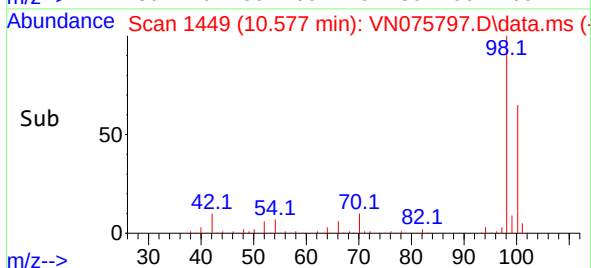
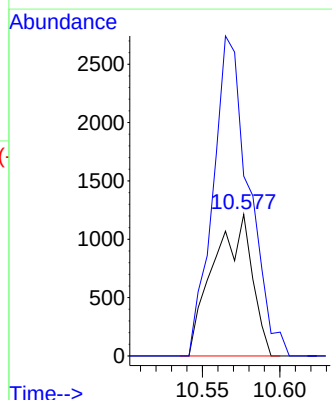
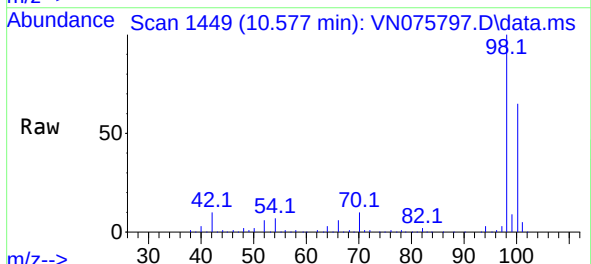
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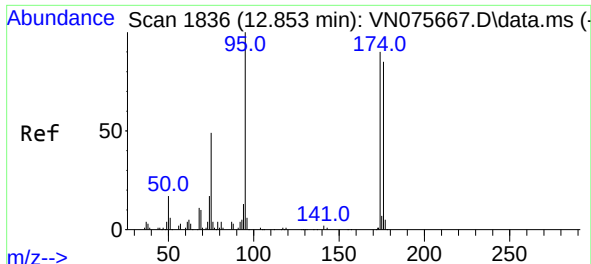
Tgt Ion: 98 Resp: 633166
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.587 ug/l
RT: 10.577 min Scan# 1449
Delta R.T. 0.130 min
Lab File: VN075797.D
Acq: 15 Dec 2022 04:04

Tgt Ion: 43 Resp: 2095
Ion Ratio Lower Upper
43 100
58 211.3 35.5 53.3#

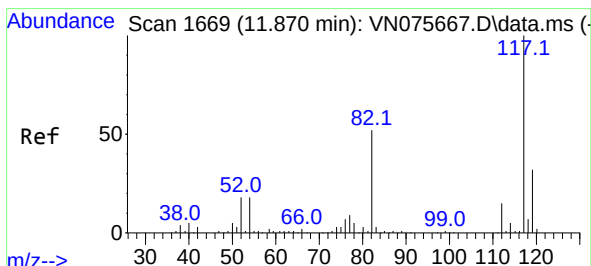
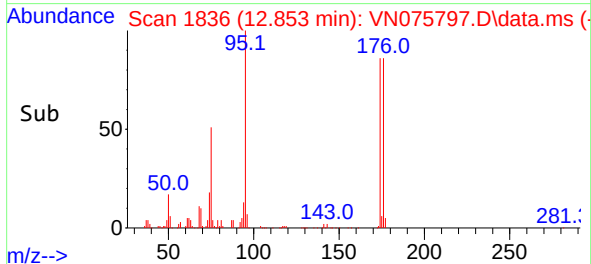
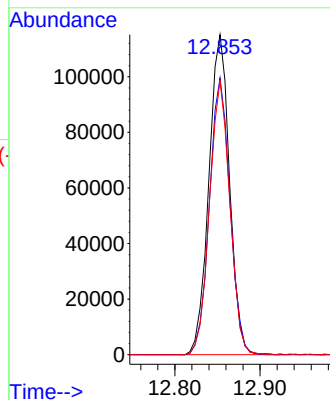
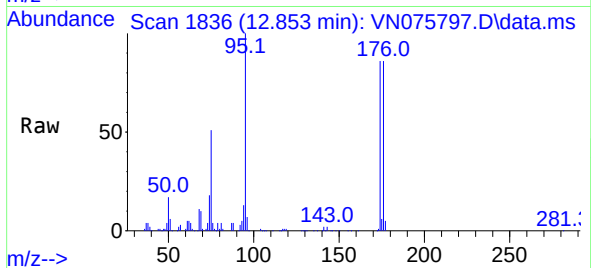




#62
4-Bromofluorobenzene
Concen: 46.646 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075797.D
Acq: 15 Dec 2022 04:04

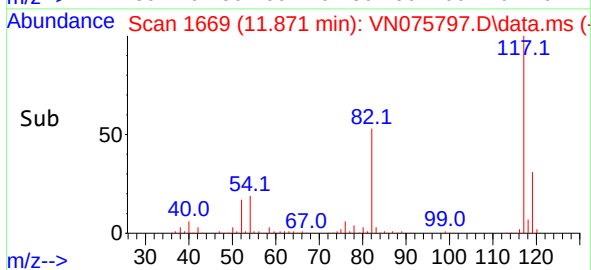
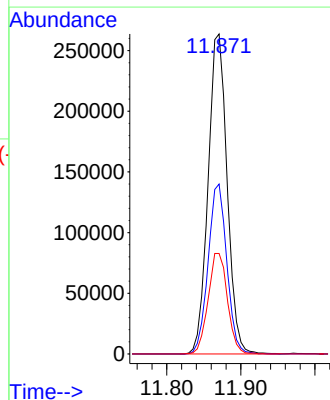
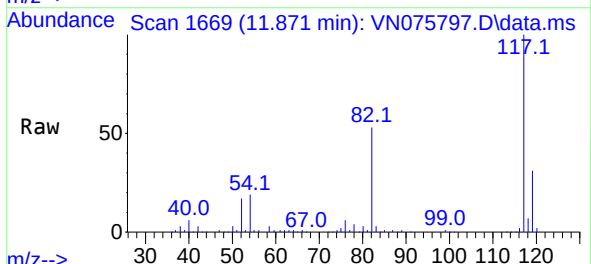
Instrument :
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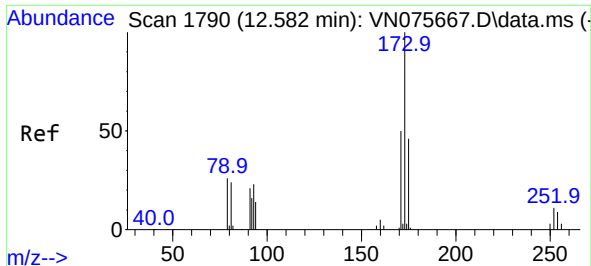
Tgt Ion: 95 Resp: 193818
Ion Ratio Lower Upper
95 100
174 86.0 0.0 171.6
176 83.9 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075797.D
Acq: 15 Dec 2022 04:04

Tgt Ion: 117 Resp: 470559
Ion Ratio Lower Upper
117 100
82 53.1 41.3 61.9
119 31.4 24.6 37.0

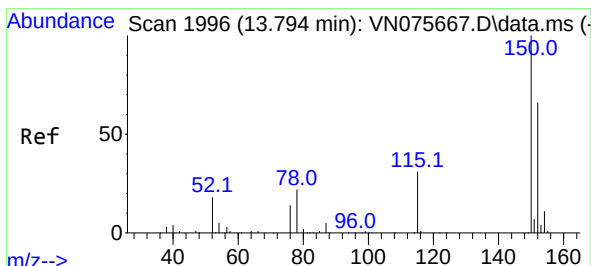
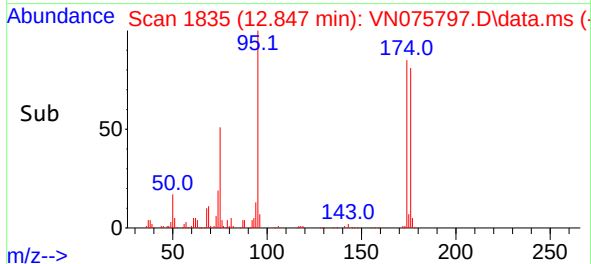
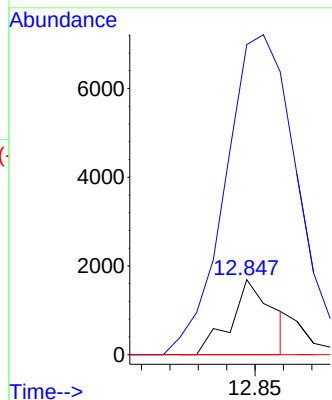
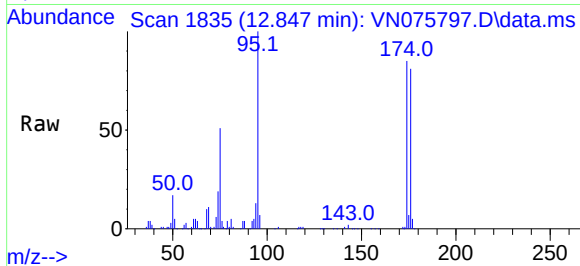




#71
Bromoform
Concen: 0.665 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN075797.D
Acq: 15 Dec 2022 04:04

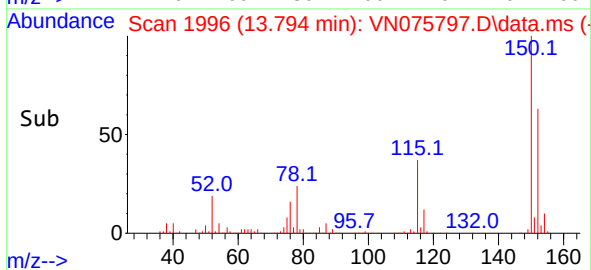
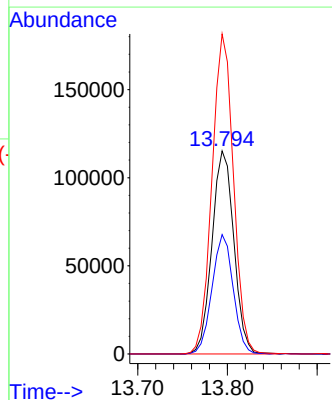
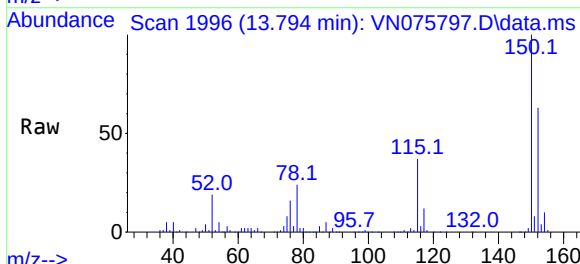
Instrument :
MSVOA_N
ClientSampleId :
MW-40

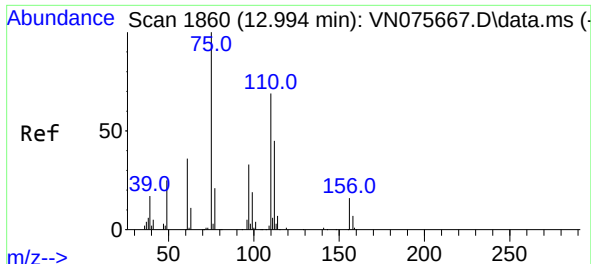
Tgt Ion:173 Resp: 1732
Ion Ratio Lower Upper
173 100
175 584.6 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075797.D
Acq: 15 Dec 2022 04:04

Tgt Ion:152 Resp: 195157
Ion Ratio Lower Upper
152 100
115 56.9 29.1 87.4
150 154.6 0.0 347.0

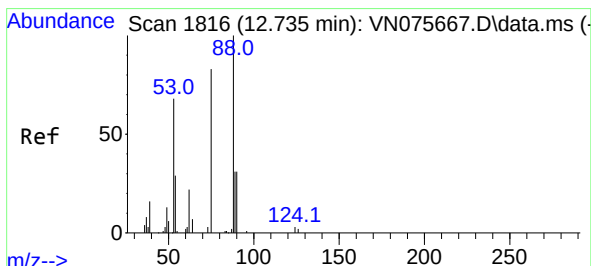
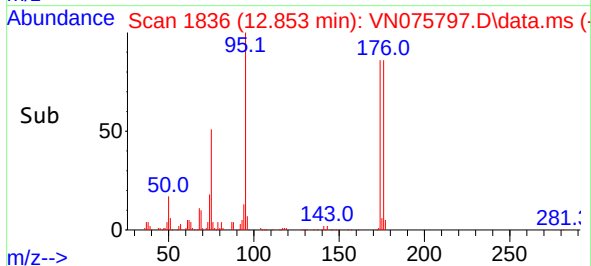
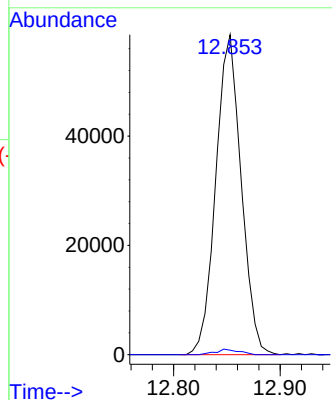
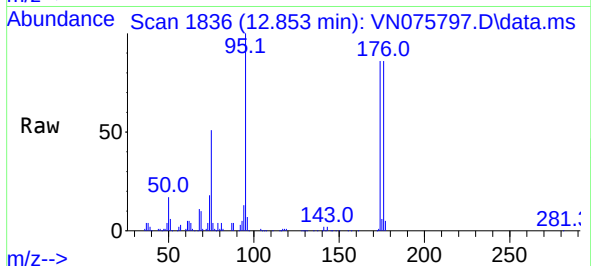




#76
1,2,3-Trichloropropane
Concen: 24.617 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075797.D
Acq: 15 Dec 2022 04:04

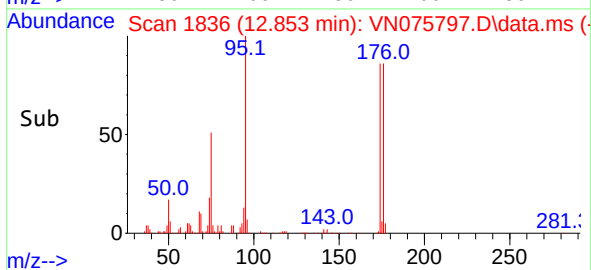
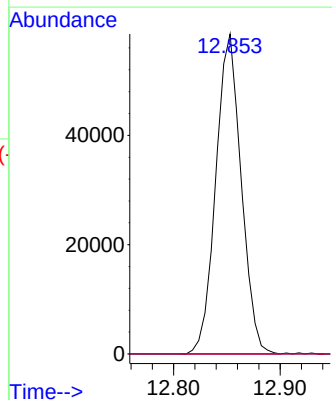
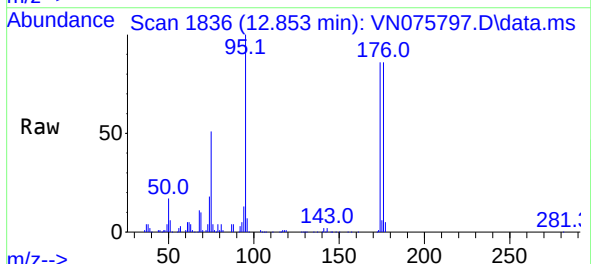
Instrument :
MSVOA_N
ClientSampleId :
MW-40

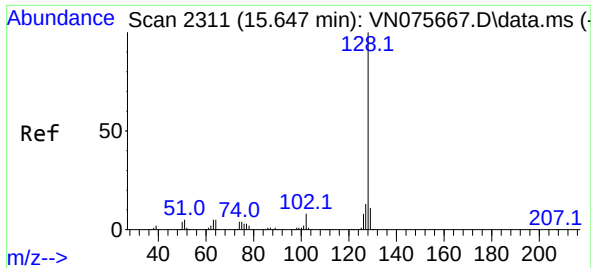
Tgt Ion: 75 Resp: 96839
Ion Ratio Lower Upper
75 100
77 1.6 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.607 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075797.D
Acq: 15 Dec 2022 04:04

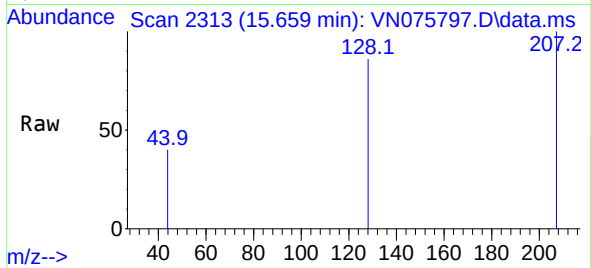
Tgt Ion: 75 Resp: 96839
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#





#95
 Naphthalene
 Concen: 2.204 ug/l
 RT: 15.659 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: VN075797.D
 Acq: 15 Dec 2022 04:04

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-40



Tgt Ion:	128	Resp:	294
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.7	13.1#

