

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075793.D
 Acq On : 15 Dec 2022 02:28
 Operator : JC\MD
 Sample : N5990-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-36

Quant Time: Dec 15 03:16:43 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)

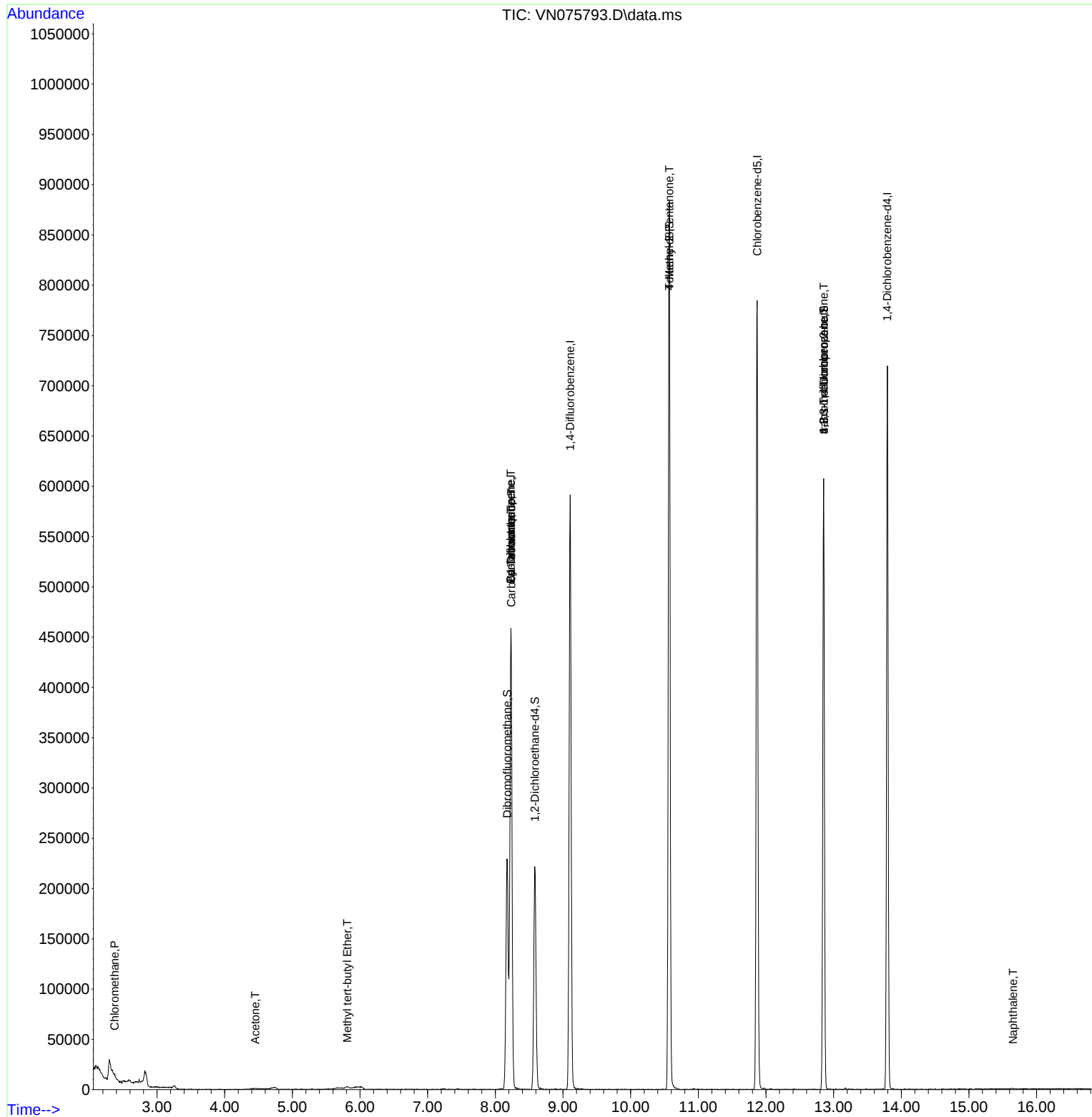
Internal Standards						
1) Pentafluorobenzene	8.230	168	353506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	550516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	485381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	196584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	182038	47.334	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.660%
35) Dibromofluoromethane	8.177	113	165782	48.627	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.260%
50) Toluene-d8	10.571	98	637374	50.002	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.000%
62) 4-Bromofluorobenzene	12.853	95	198809	47.090	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.180%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	751	0.241	ug/l	88
16) Acetone	4.453	43	622	0.469	ug/l #	39
19) Methyl tert-butyl Ether	5.812	73	3440	0.333	ug/l #	55
20) Methylene Chloride	5.300	84	294	Below Cal	#	32
31) Cyclohexane	8.230	56	6555	1.190	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	24837	5.484	ug/l #	42
38) Carbon Tetrachloride	8.236	117	33822	6.673	ug/l #	17
51) 4-Methyl-2-Pentanone	10.571	43	2139	0.589	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	101198	25.538	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	101198	91.924	ug/l #	12
95) Naphthalene	15.653	128	953	2.263	ug/l #	69

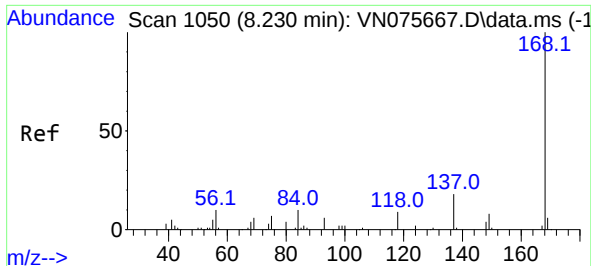
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
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Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
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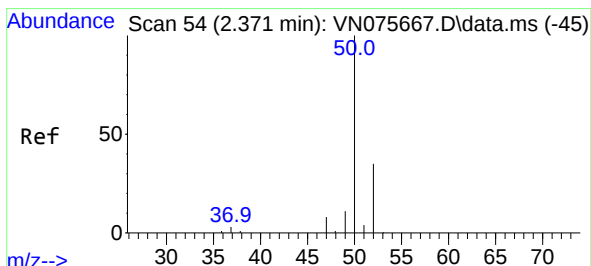
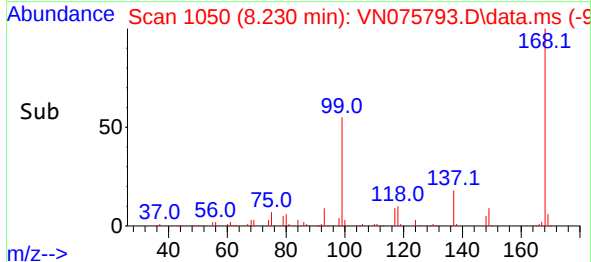
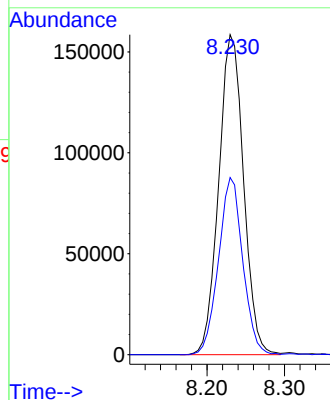
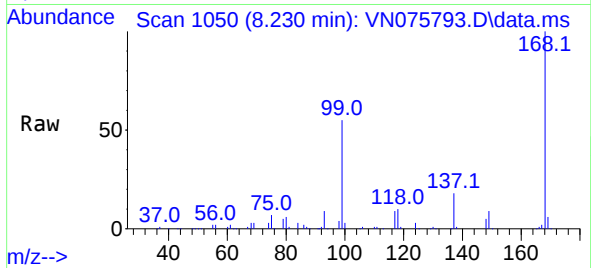




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075793.D
Acq: 15 Dec 2022 02:28

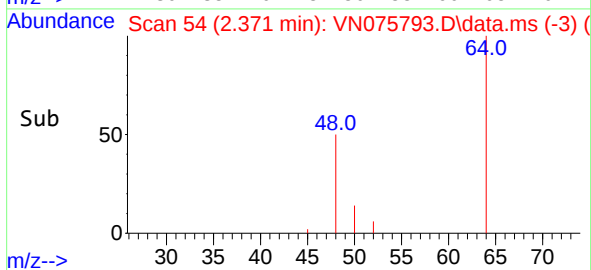
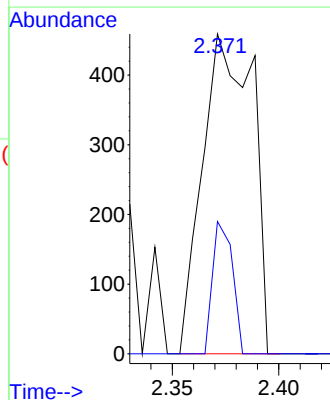
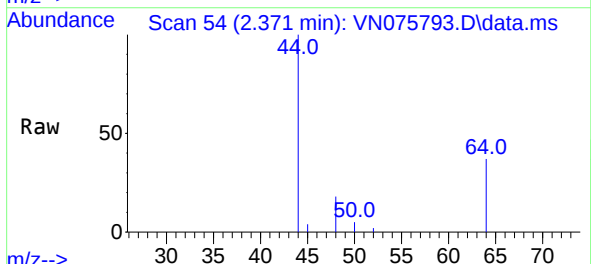
Instrument :
MSVOA_N
ClientSampleId :
MW-36

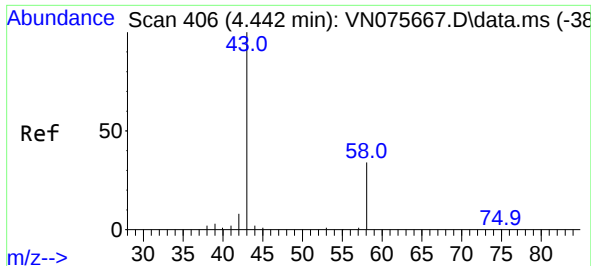
Tgt Ion:168 Resp: 353506
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#3
Chloromethane
Concen: 0.241 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075793.D
Acq: 15 Dec 2022 02:28

Tgt Ion: 50 Resp: 751
Ion Ratio Lower Upper
50 100
52 41.4 27.7 41.5





#16

Acetone

Concen: 0.469 ug/l

RT: 4.453 min Scan# 406

Delta R.T. 0.012 min

Lab File: VN075793.D

Acq: 15 Dec 2022 02:28

Instrument :

MSVOA_N

ClientSampleId :

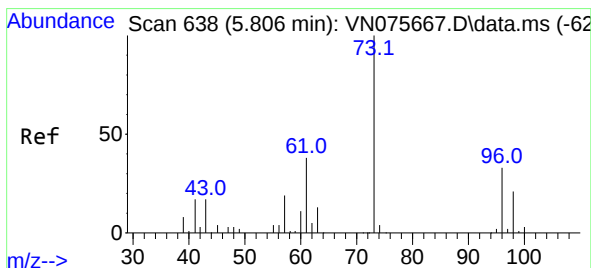
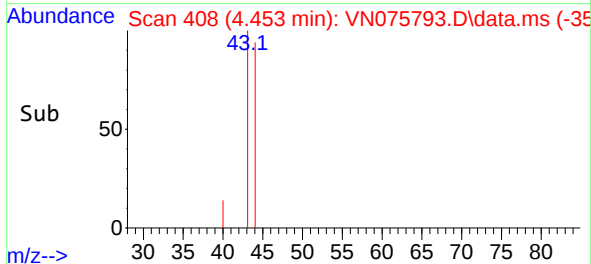
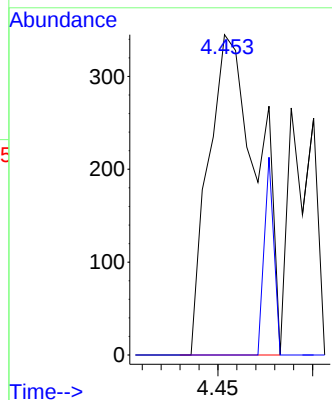
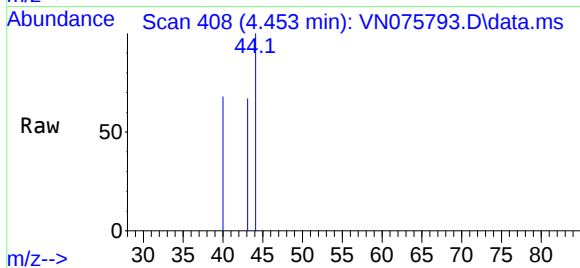
MW-36

Tgt Ion: 43 Resp: 622

Ion Ratio Lower Upper

43 100

58 0.0 28.6 43.0#



#19

Methyl tert-butyl Ether

Concen: 0.333 ug/l

RT: 5.812 min Scan# 639

Delta R.T. 0.006 min

Lab File: VN075793.D

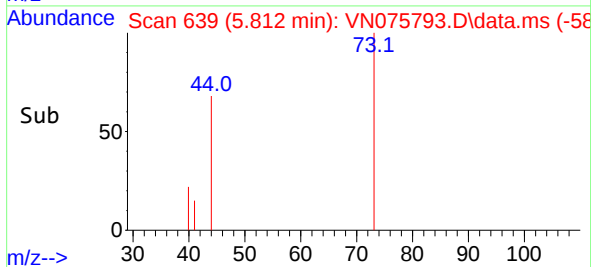
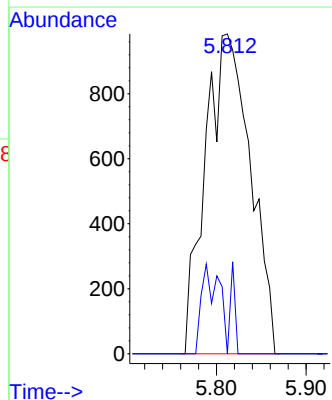
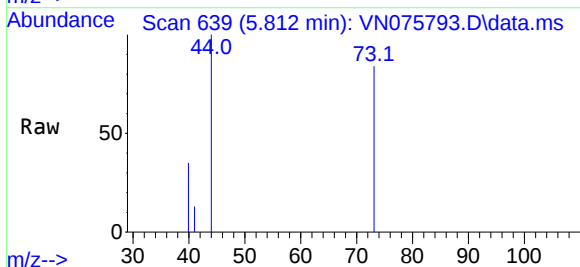
Acq: 15 Dec 2022 02:28

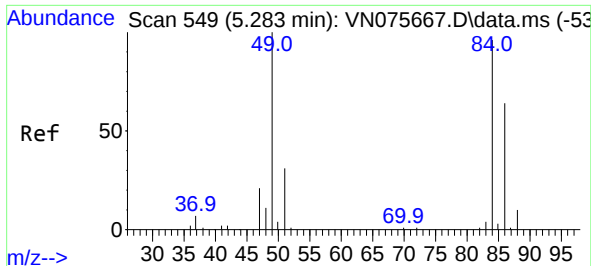
Tgt Ion: 73 Resp: 3440

Ion Ratio Lower Upper

73 100

57 0.0 17.1 25.7#





#20

Methylene Chloride

Concen: Below Cal

RT: 5.300 min Scan# 51

Delta R.T. 0.011 min

Lab File: VN075793.D

Acq: 15 Dec 2022 02:28

Instrument :

MSVOA_N

ClientSampleId :

MW-36

Tgt Ion: 84 Resp: 294

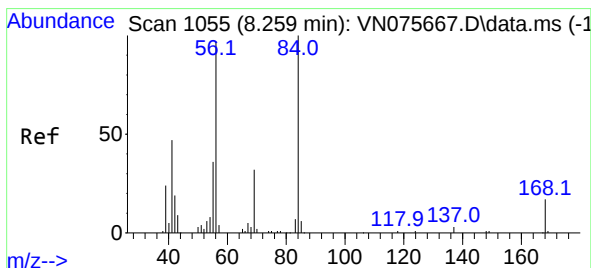
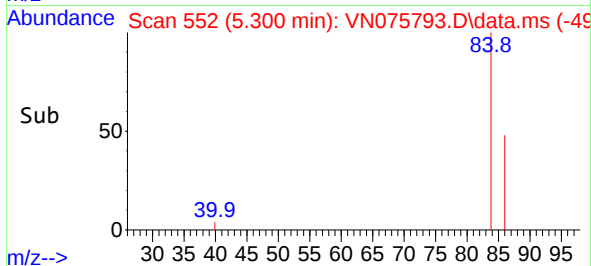
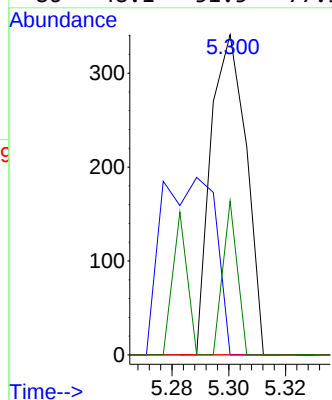
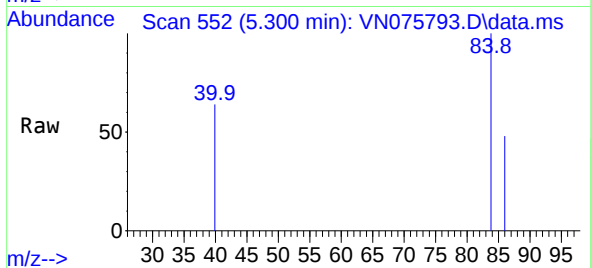
Ion Ratio Lower Upper

84 100

49 0.0 81.8 122.6#

51 0.0 26.7 40.1#

86 48.1 51.5 77.3#



#31

Cyclohexane

Concen: 1.190 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.035 min

Lab File: VN075793.D

Acq: 15 Dec 2022 02:28

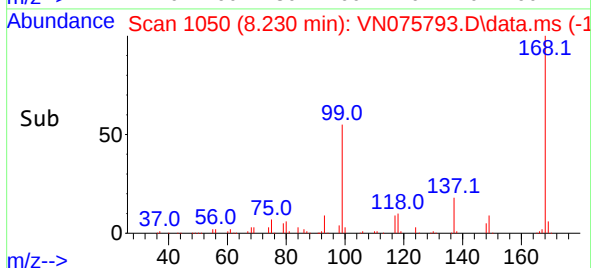
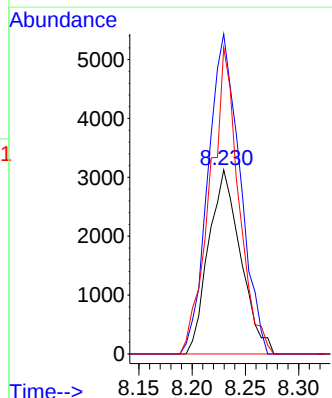
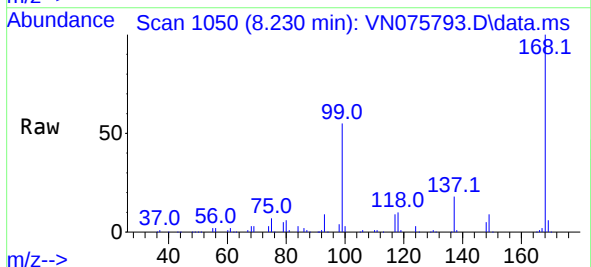
Tgt Ion: 56 Resp: 6555

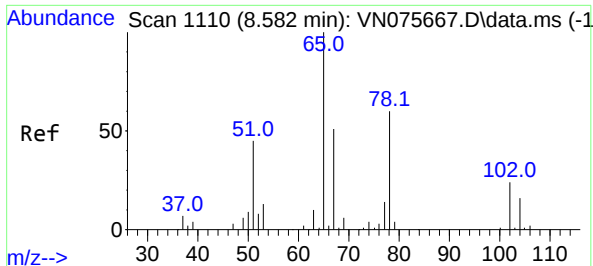
Ion Ratio Lower Upper

56 100

69 173.7 24.7 37.1#

84 166.3 76.5 114.7#





#33

1,2-Dichloroethane-d4

Concen: 47.334 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075793.D

Acq: 15 Dec 2022 02:28

Instrument :

MSVOA_N

ClientSampleId :

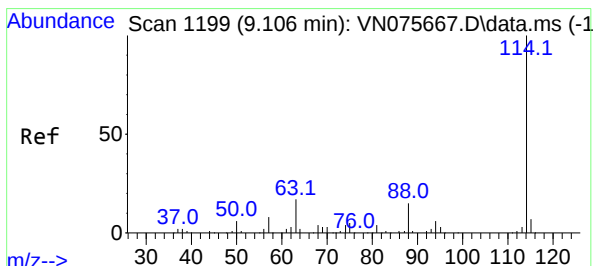
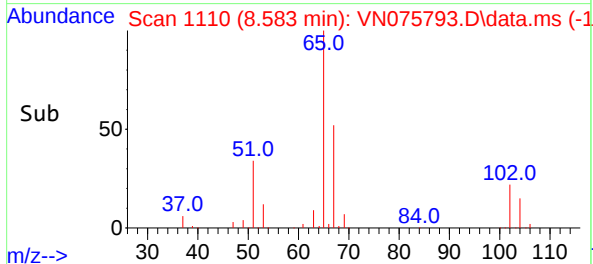
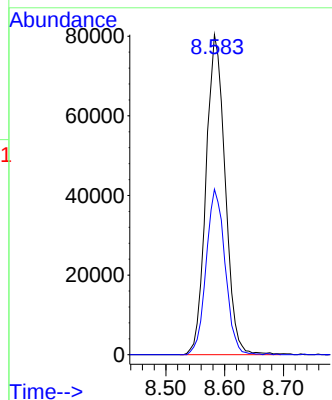
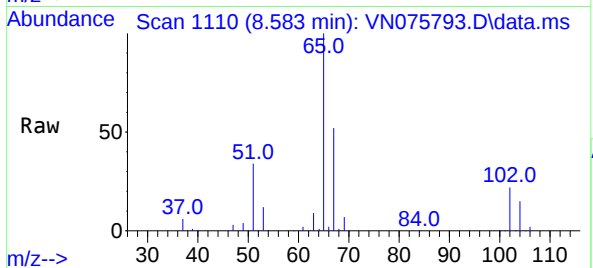
MW-36

Tgt Ion: 65 Resp: 182038

Ion Ratio Lower Upper

65 100

67 51.2 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: VN075793.D

Acq: 15 Dec 2022 02:28

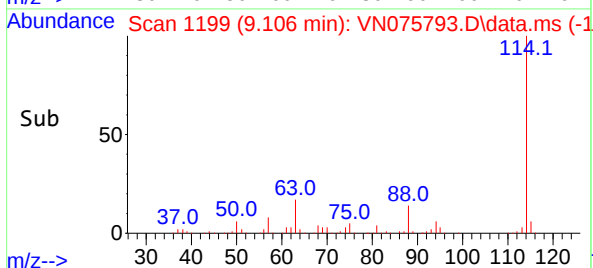
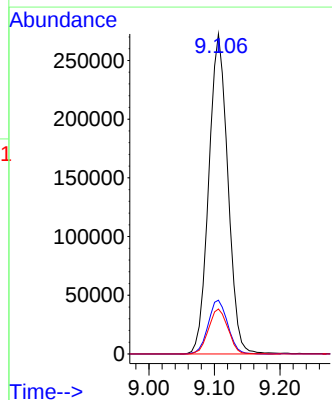
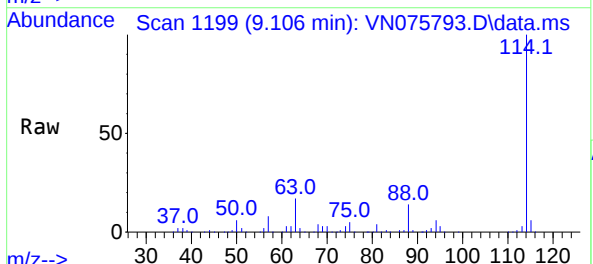
Tgt Ion: 114 Resp: 550516

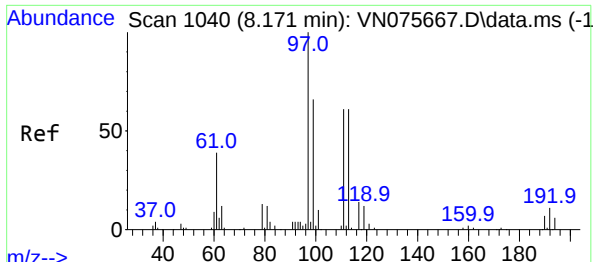
Ion Ratio Lower Upper

114 100

63 16.8 0.0 34.4

88 14.1 0.0 28.8

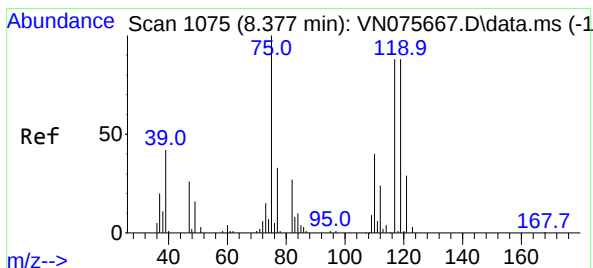
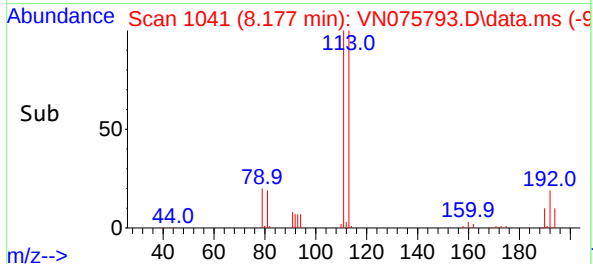
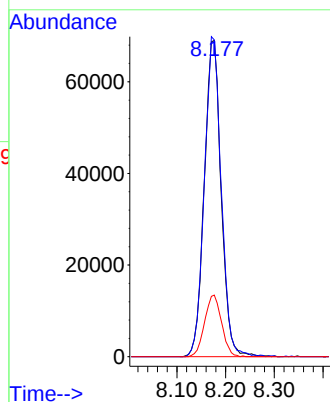
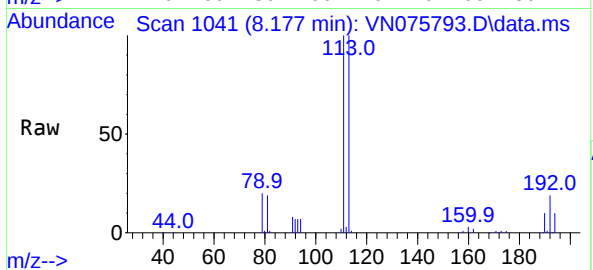




#35
Dibromofluoromethane
Concen: 48.627 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN075793.D
Acq: 15 Dec 2022 02:28

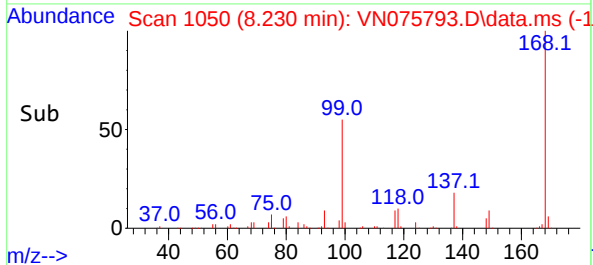
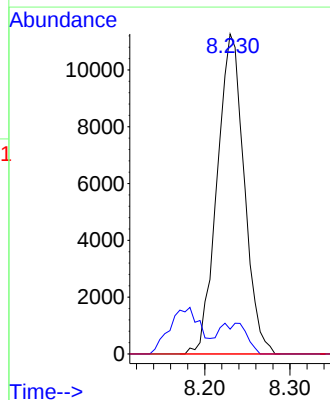
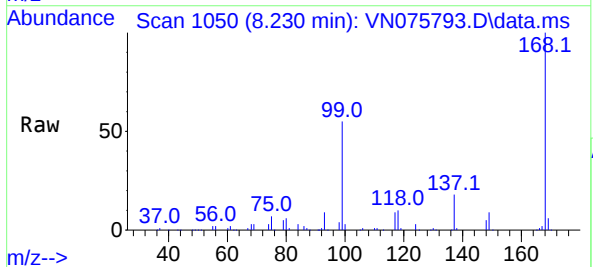
Instrument :
MSVOA_N
ClientSampleId :
MW-36

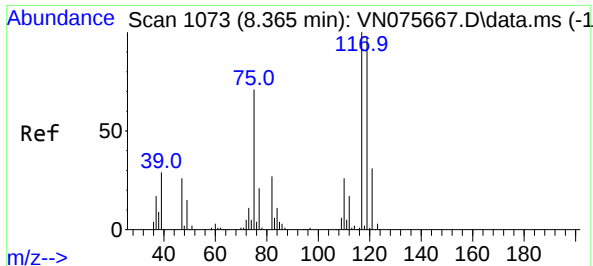
Tgt Ion:113 Resp: 165782
Ion Ratio Lower Upper
113 100
111 100.9 83.4 125.2
192 19.6 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.484 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075793.D
Acq: 15 Dec 2022 02:28

Tgt Ion: 75 Resp: 24837
Ion Ratio Lower Upper
75 100
110 1.8 18.8 56.4#
77 0.0 24.1 36.1#

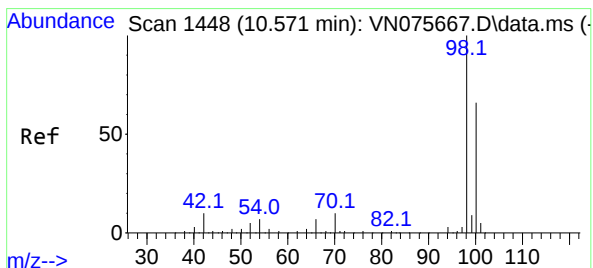
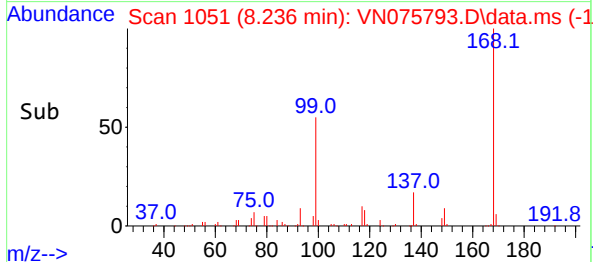
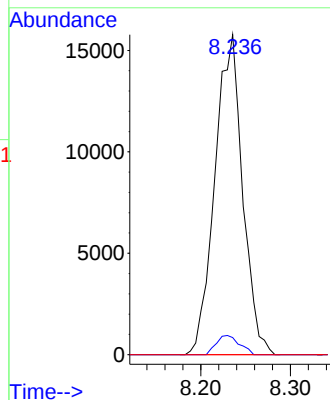
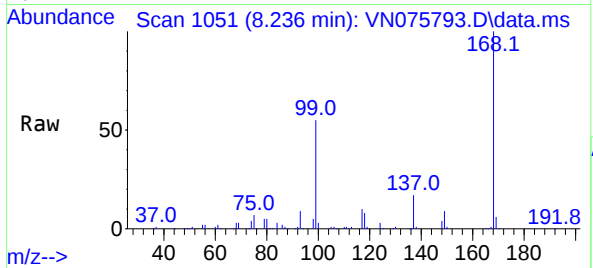




#38
Carbon Tetrachloride
Concen: 6.673 ug/l
RT: 8.236 min Scan# 1073
Delta R.T. -0.129 min
Lab File: VN075793.D
Acq: 15 Dec 2022 02:28

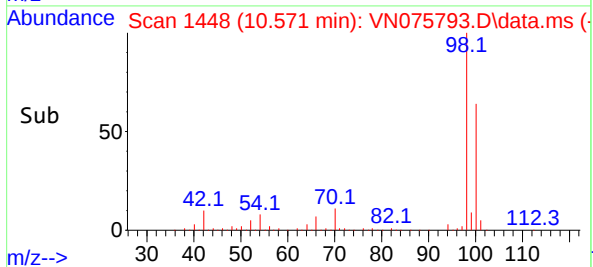
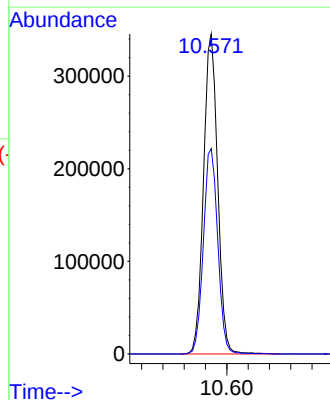
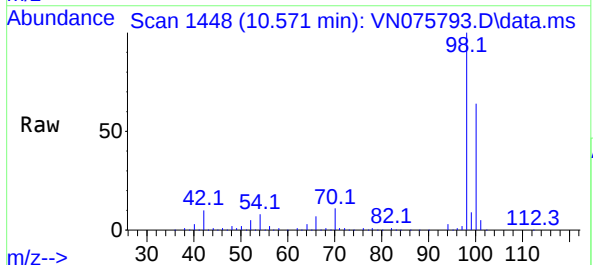
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ClientSampleId :
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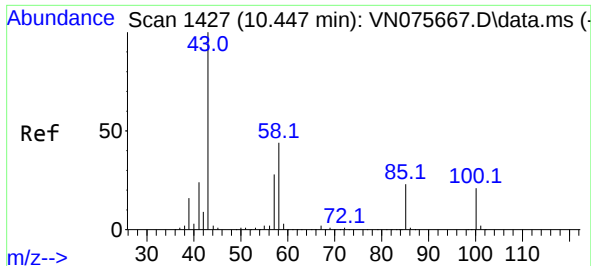
Tgt Ion:117 Resp: 33822
Ion Ratio Lower Upper
117 100
119 5.4 76.1 114.1#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 50.002 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075793.D
Acq: 15 Dec 2022 02:28

Tgt Ion: 98 Resp: 637374
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1

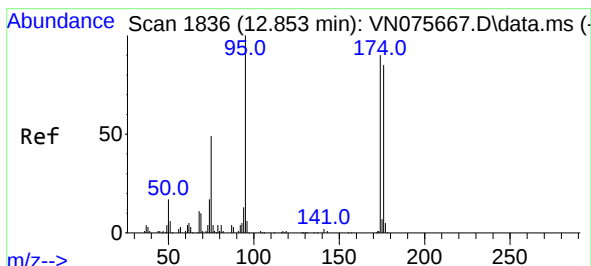
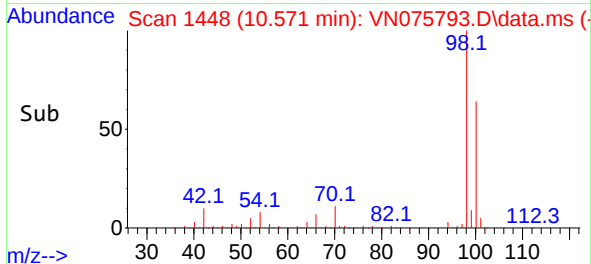
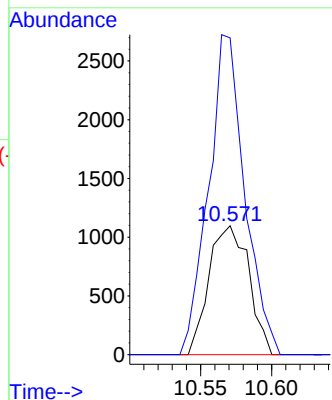
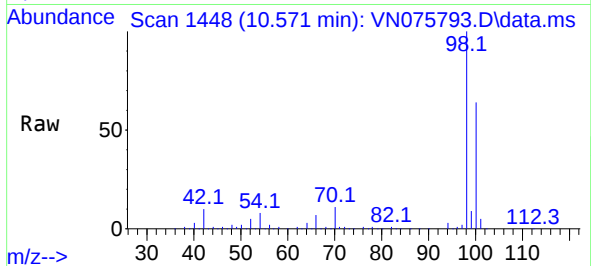




#51
4-Methyl-2-Pentanone
Concen: 0.589 ug/l
RT: 10.571 min Scan# 1427
Delta R.T. 0.124 min
Lab File: VN075793.D
Acq: 15 Dec 2022 02:28

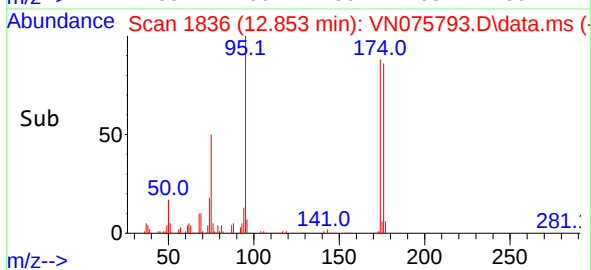
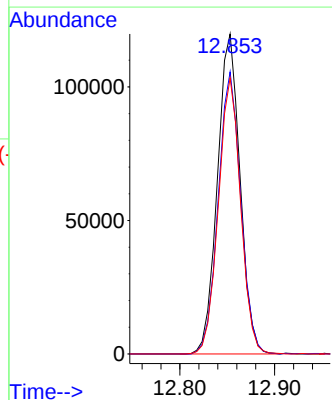
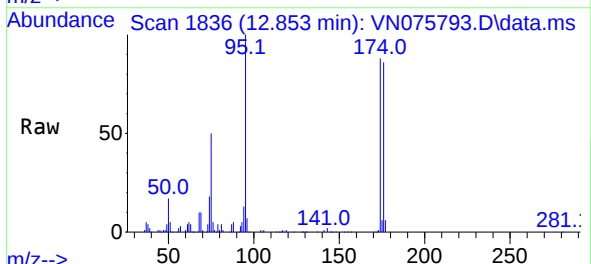
Instrument :
MSVOA_N
ClientSampleId :
MW-36

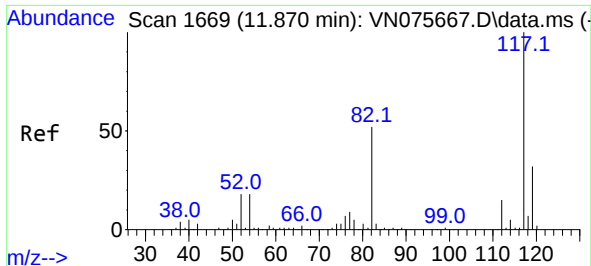
Tgt Ion: 43 Resp: 2139
Ion Ratio Lower Upper
43 100
58 225.5 35.5 53.3#



#62
4-Bromofluorobenzene
Concen: 47.090 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075793.D
Acq: 15 Dec 2022 02:28

Tgt Ion: 95 Resp: 198809
Ion Ratio Lower Upper
95 100
174 87.8 0.0 171.6
176 84.8 0.0 169.2

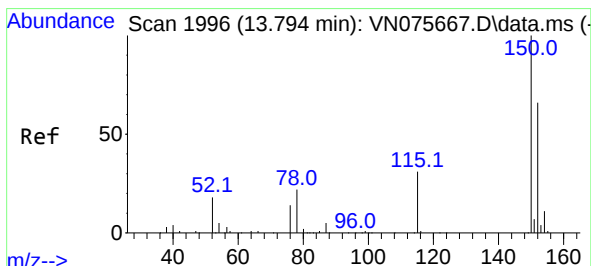
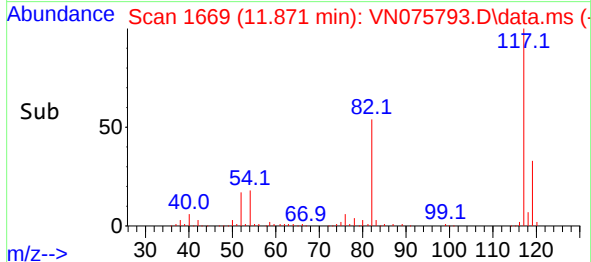
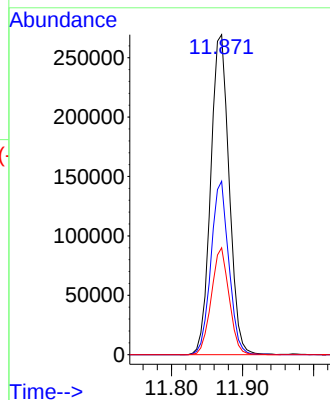
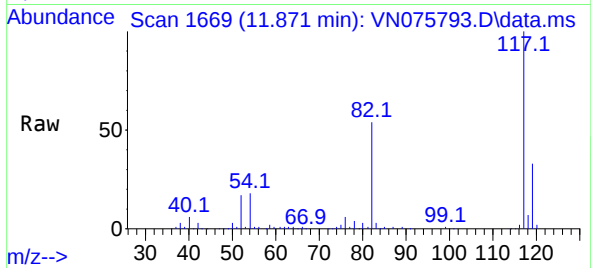




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN075793.D
Acq: 15 Dec 2022 02:28

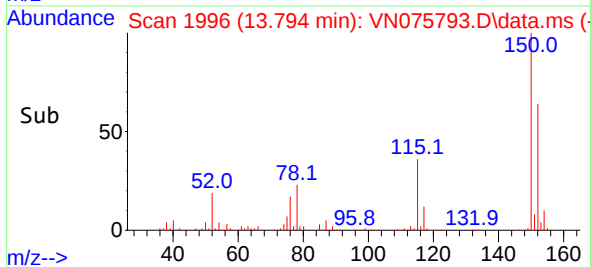
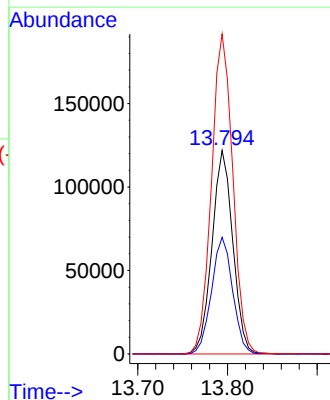
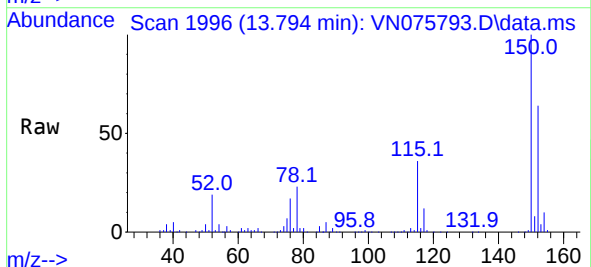
Instrument :
MSVOA_N
ClientSampleId :
MW-36

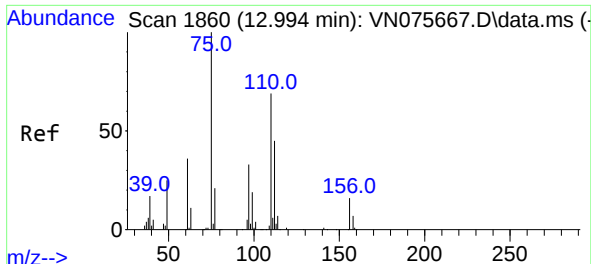
Tgt Ion:117 Resp: 485381
Ion Ratio Lower Upper
117 100
82 54.2 41.3 61.9
119 33.4 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075793.D
Acq: 15 Dec 2022 02:28

Tgt Ion:152 Resp: 196584
Ion Ratio Lower Upper
152 100
115 58.1 29.1 87.4
150 160.7 0.0 347.0

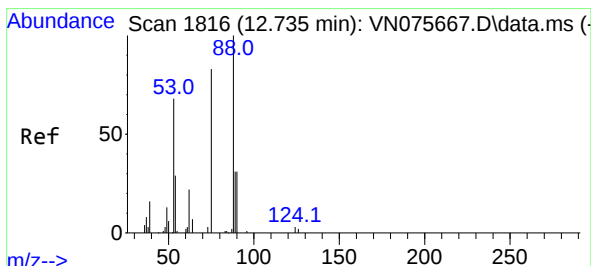
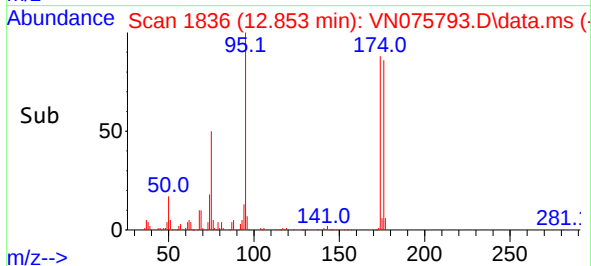
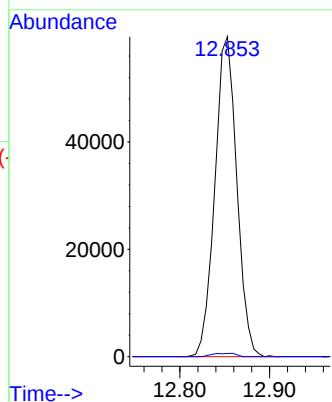
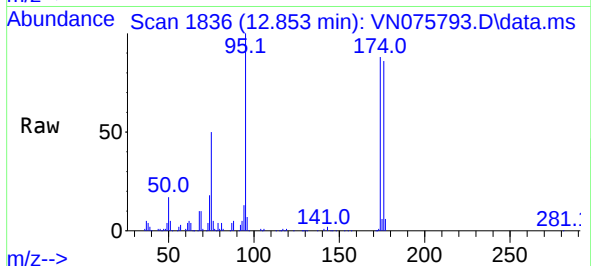




#76
1,2,3-Trichloropropane
Concen: 25.538 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075793.D
Acq: 15 Dec 2022 02:28

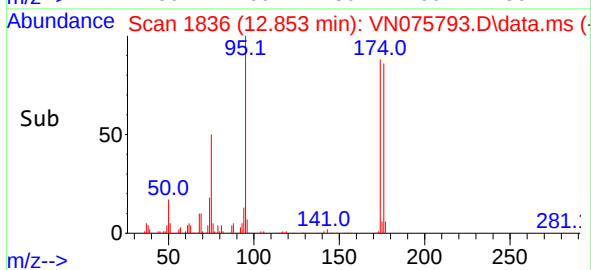
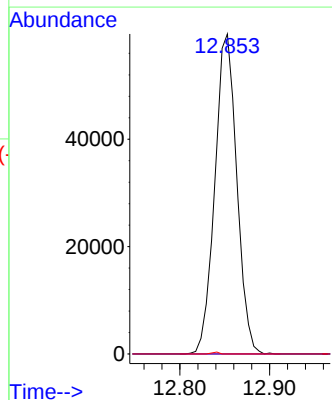
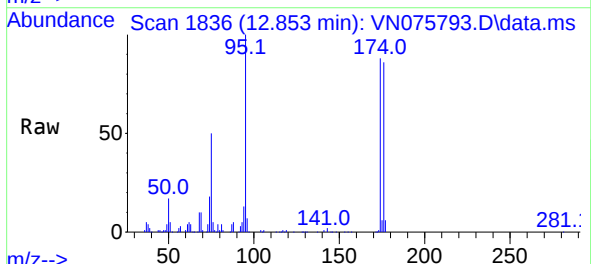
Instrument :
MSVOA_N
ClientSampleId :
MW-36

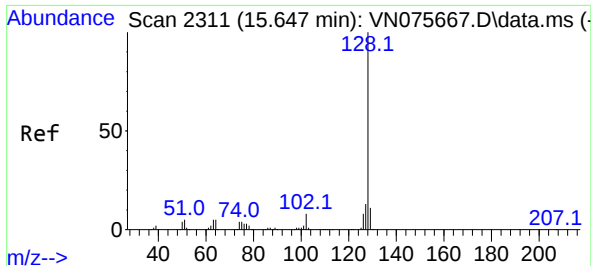
Tgt Ion: 75 Resp: 101198
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.924 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075793.D
Acq: 15 Dec 2022 02:28

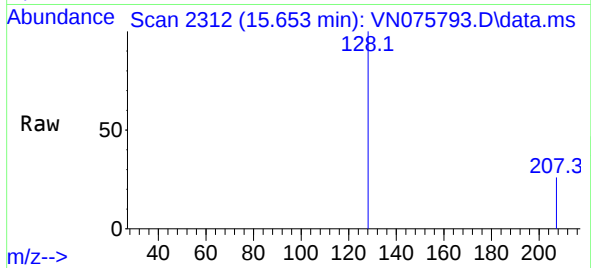
Tgt Ion: 75 Resp: 101198
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.2 39.5 59.3#





#95
Naphthalene
Concen: 2.263 ug/l
RT: 15.653 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN075793.D
Acq: 15 Dec 2022 02:28

Instrument :
MSVOA_N
ClientSampleId :
MW-36



Tgt Ion:128 Resp: 953
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.7 13.1#

