

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
 Data File : VN075852.D
 Acq On : 16 Dec 2022 17:02
 Operator : JC\MD
 Sample : N6076-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PMW-1

Quant Time: Dec 17 08:41:47 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)

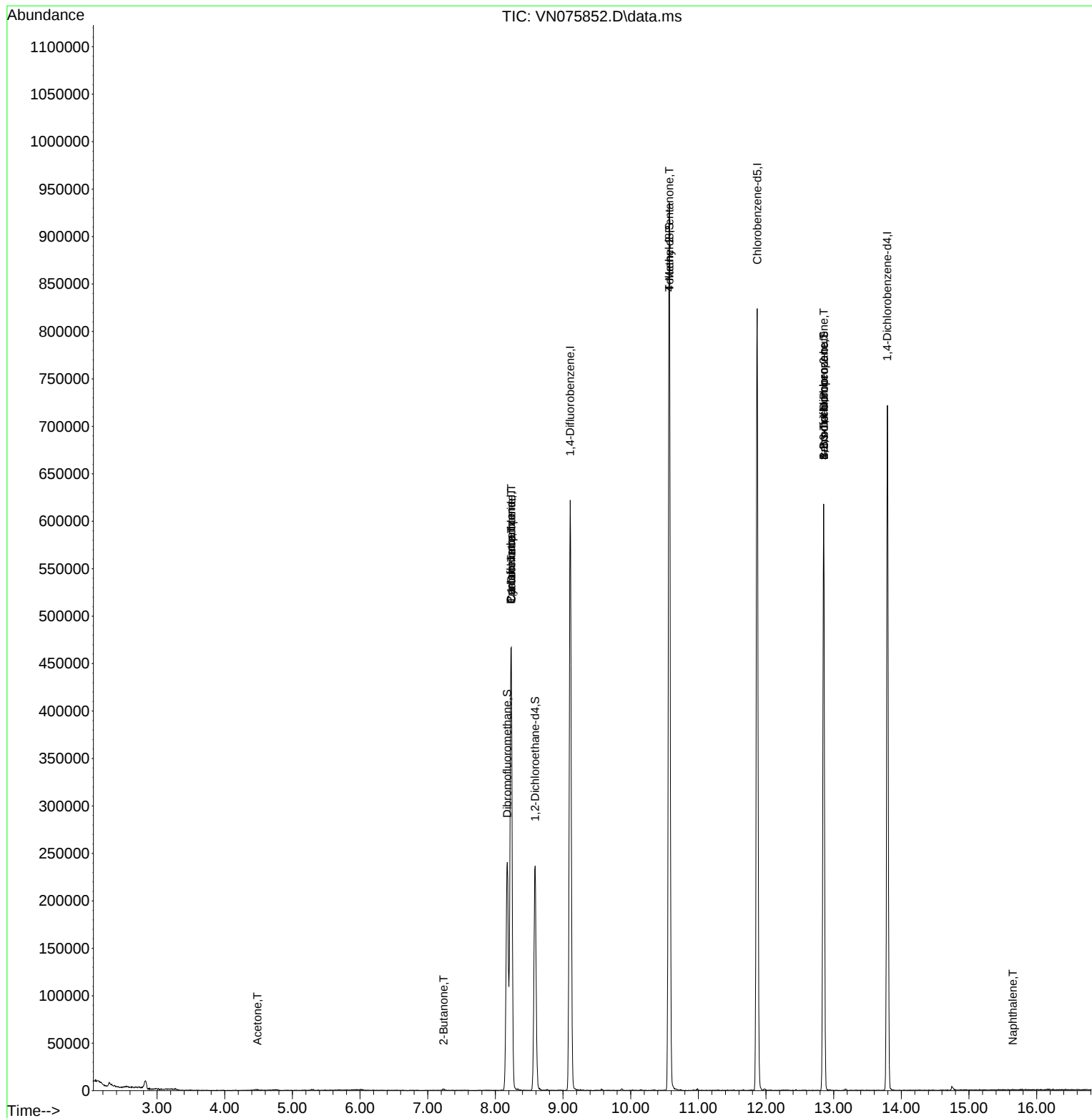
Internal Standards						
1) Pentafluorobenzene	8.229	168	367884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	579314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	504809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	200990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	192614	48.127	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.260%
35) Dibromofluoromethane	8.176	113	172751	48.152	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.300%
50) Toluene-d8	10.570	98	675721	50.376	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.760%
62) 4-Bromofluorobenzene	12.853	95	205451	46.244	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.480%
Target Compounds						
					Qvalue	
16) Acetone	4.483	43	1757	1.274	ug/l #	39
20) Methylene Chloride	5.282	84	60	Below Cal	#	20
25) 2-Butanone	7.235	43	720	0.373	ug/l #	40
31) Cyclohexane	8.235	56	6782	1.183	ug/l #	11
36) 1,1-Dichloropropene	8.235	75	27129	5.692	ug/l #	50
38) Carbon Tetrachloride	8.235	117	35586	6.672	ug/l #	15
51) 4-Methyl-2-Pentanone	10.570	43	2514	0.658	ug/l #	1
71) Bromoform	12.853	173	1585	0.568	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	104300	25.744	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	104300	92.665	ug/l #	12
95) Naphthalene	15.647	128	672	2.236	ug/l #	69

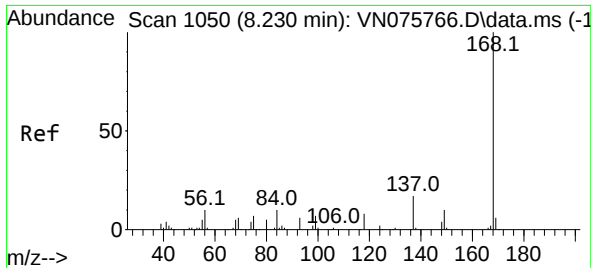
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
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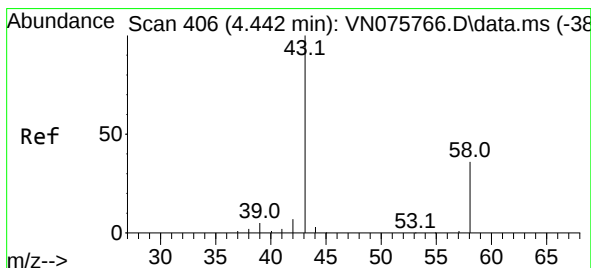
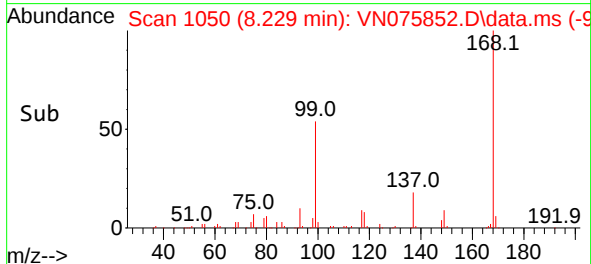
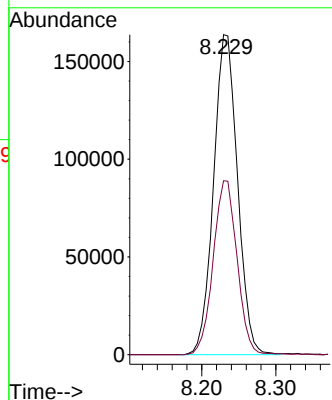
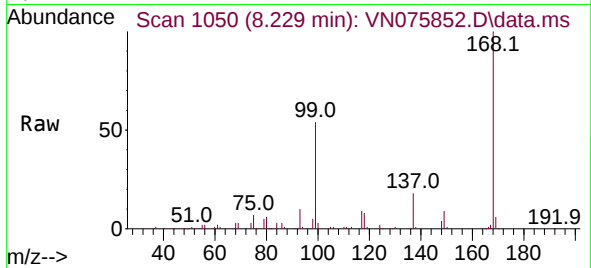




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075852.D
Acq: 16 Dec 2022 17:02

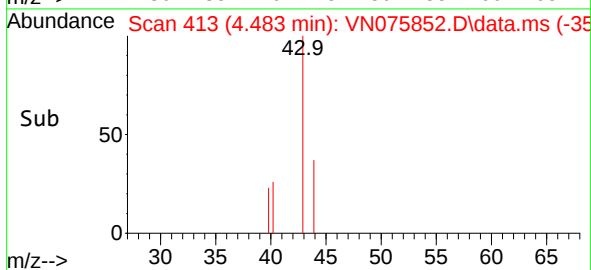
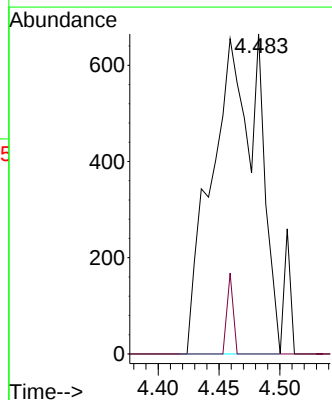
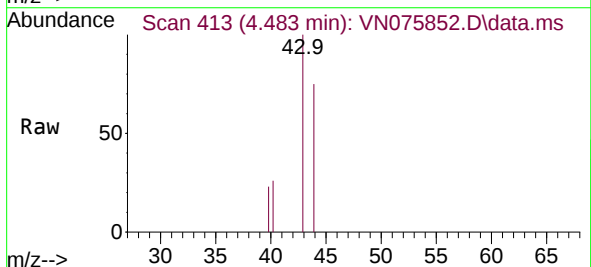
Instrument :
MSVOA_N
ClientSampleId :
PMW-1

Tgt Ion:168 Resp: 367884
Ion Ratio Lower Upper
168 100
99 54.3 44.2 66.4



#16
Acetone
Concen: 1.274 ug/l
RT: 4.483 min Scan# 413
Delta R.T. 0.041 min
Lab File: VN075852.D
Acq: 16 Dec 2022 17:02

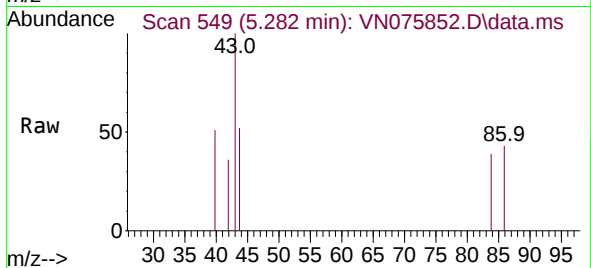
Tgt Ion: 43 Resp: 1757
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#



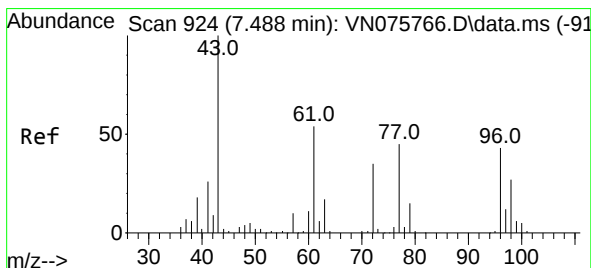
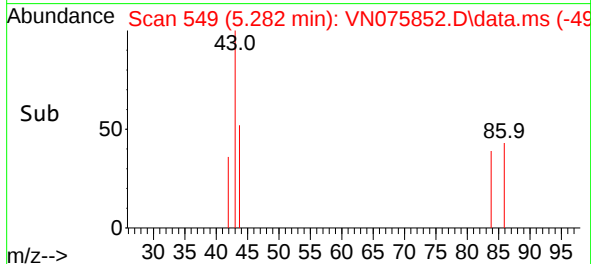
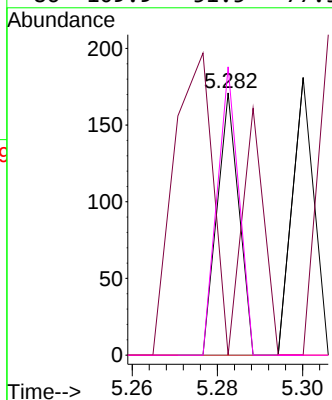


#20
Methylene Chloride
Concen: Below Cal
RT: 5.282 min Scan# 54
Delta R.T. -0.007 min
Lab File: VN075852.D
Acq: 16 Dec 2022 17:02

Instrument :
MSVOA_N
ClientSampleId :
PMW-1

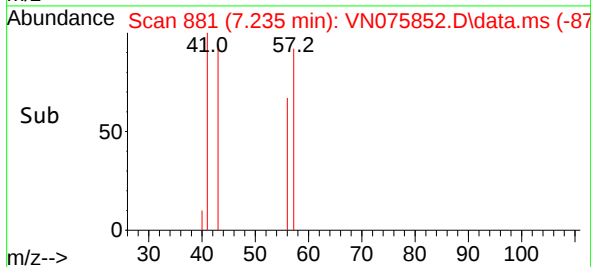
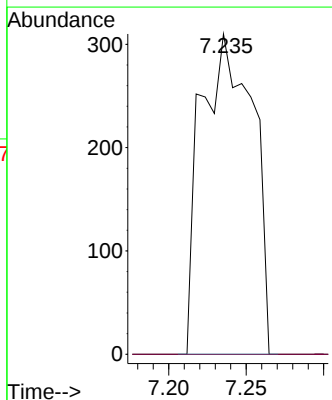
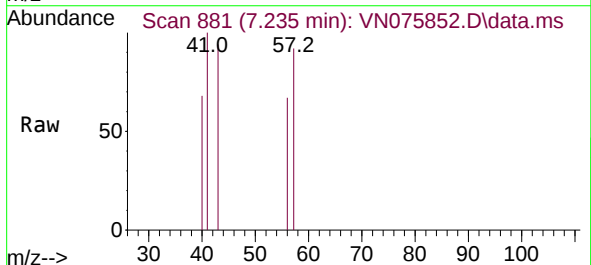


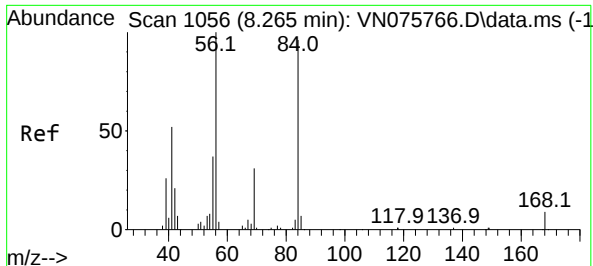
Tgt Ion:	84	Resp:	60
Ion	Ratio	Lower	Upper
84	100		
49	0.0	81.8	122.6#
51	0.0	26.7	40.1#
86	109.9	51.5	77.3#



#25
2-Butanone
Concen: 0.373 ug/l
RT: 7.235 min Scan# 881
Delta R.T. -0.253 min
Lab File: VN075852.D
Acq: 16 Dec 2022 17:02

Tgt Ion:	43	Resp:	720
Ion	Ratio	Lower	Upper
43	100		
72	0.0	28.0	42.0#





#31

Cyclohexane

Concen: 1.183 ug/l

RT: 8.235 min Scan# 1

Delta R.T. -0.030 min

Lab File: VN075852.D

Acq: 16 Dec 2022 17:02

Instrument :

MSVOA_N

ClientSampleId :

PMW-1

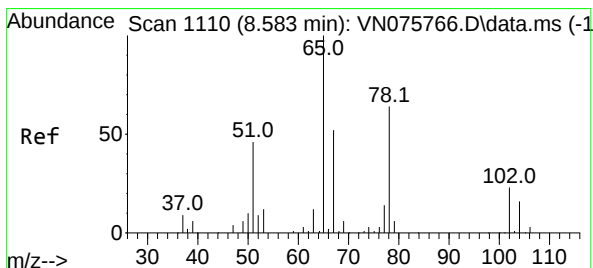
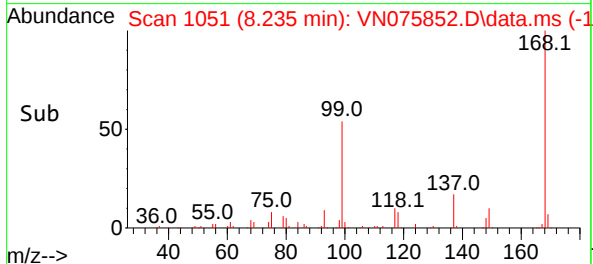
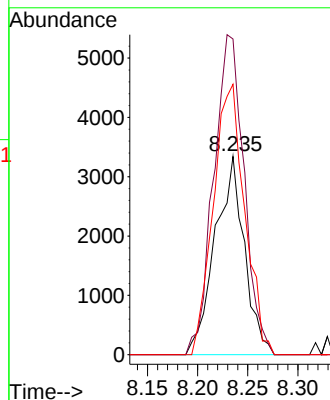
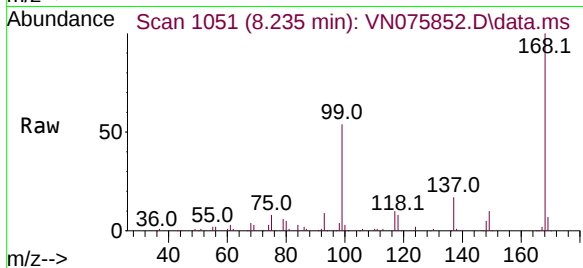
Tgt Ion: 56 Resp: 6782

Ion Ratio Lower Upper

56 100

69 159.2 24.7 37.1#

84 136.4 76.5 114.7#



#33

1,2-Dichloroethane-d4

Concen: 48.127 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075852.D

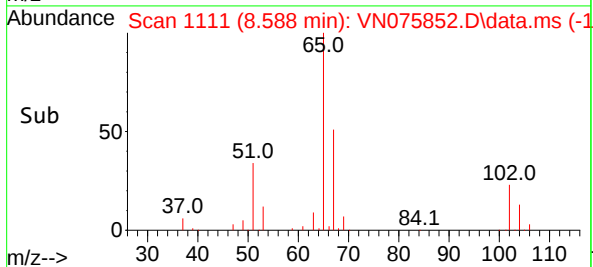
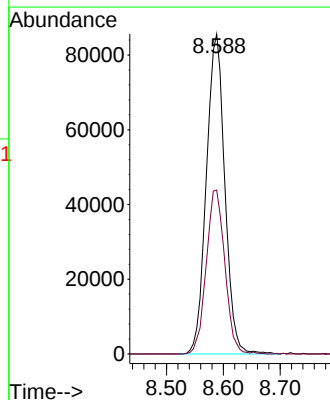
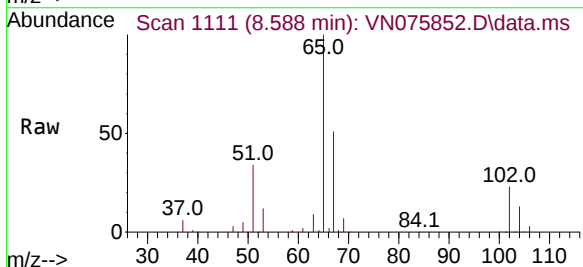
Acq: 16 Dec 2022 17:02

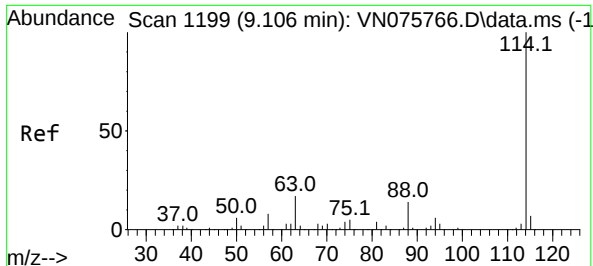
Tgt Ion: 65 Resp: 192614

Ion Ratio Lower Upper

65 100

67 51.8 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: VN075852.D

Acq: 16 Dec 2022 17:02

Instrument :

MSVOA_N

ClientSampleId :

PMW-1

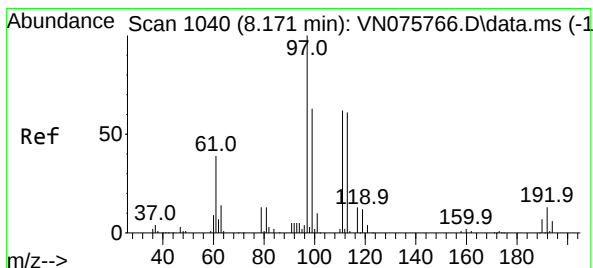
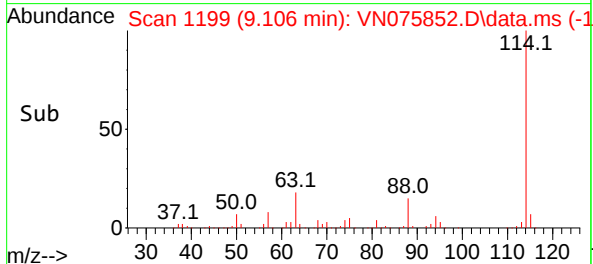
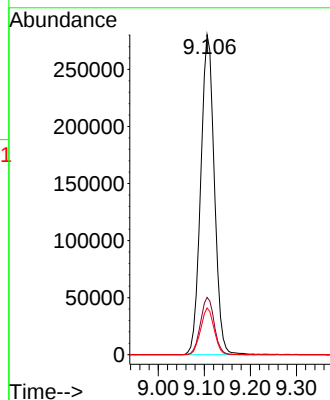
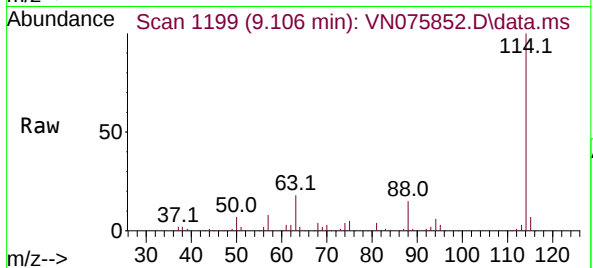
Tgt Ion:114 Resp: 579314

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

88 14.6 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.152 ug/l

RT: 8.176 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075852.D

Acq: 16 Dec 2022 17:02

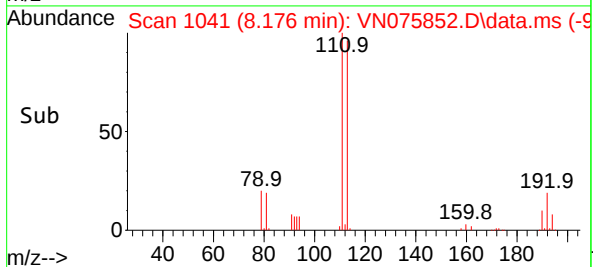
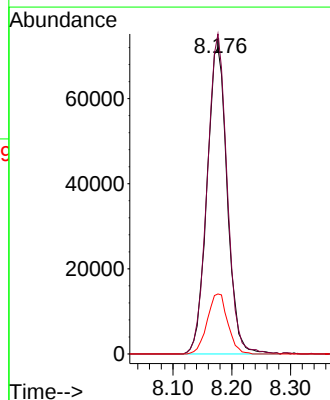
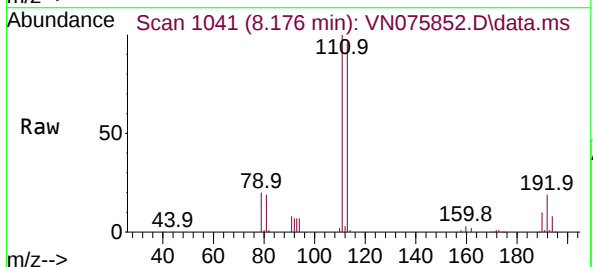
Tgt Ion:113 Resp: 172751

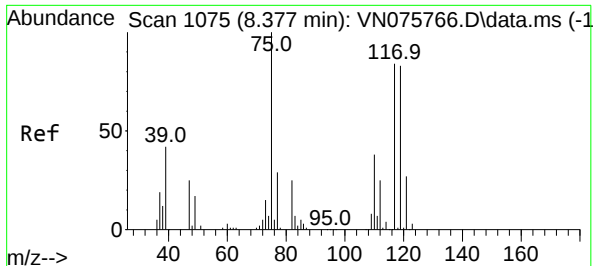
Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

192 19.7 16.1 24.1

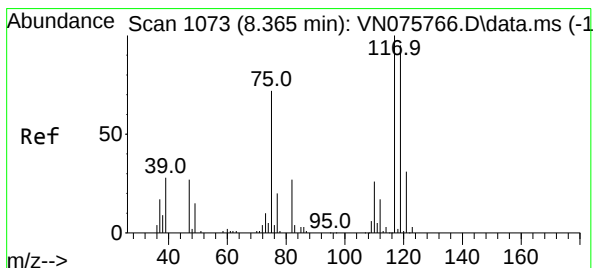
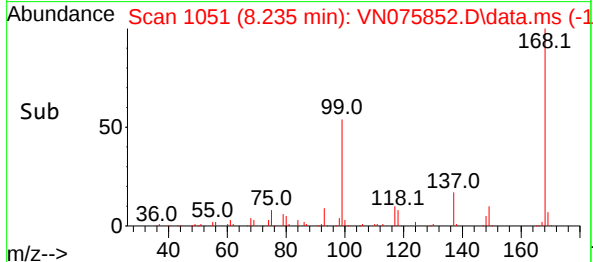
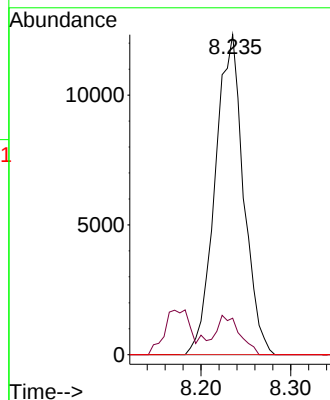
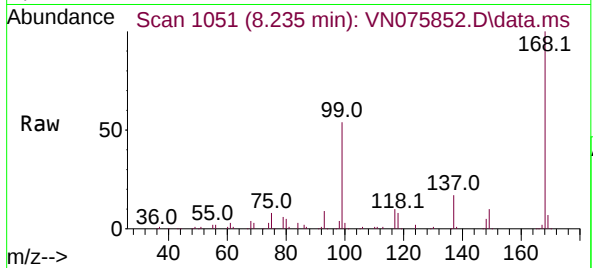




#36
1,1-Dichloropropene
Concen: 5.692 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.141 min
Lab File: VN075852.D
Acq: 16 Dec 2022 17:02

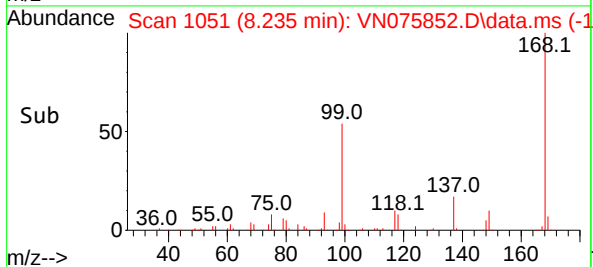
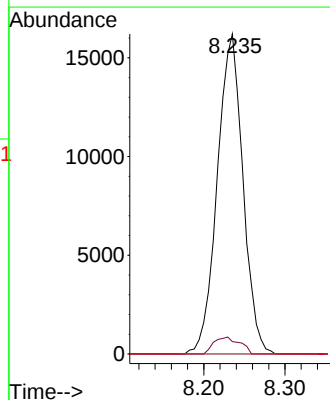
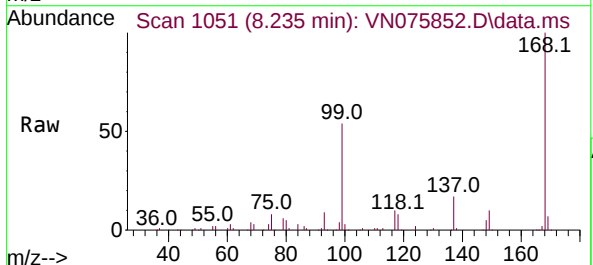
Instrument :
MSVOA_N
ClientSampleId :
PMW-1

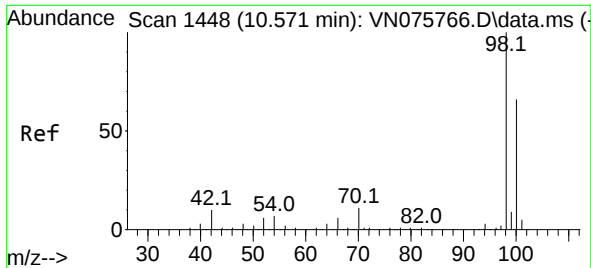
Tgt Ion: 75 Resp: 27129
Ion Ratio Lower Upper
75 100
110 10.3 18.8 56.4#
77 0.0 24.1 36.1#



#38
Carbon Tetrachloride
Concen: 6.672 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.130 min
Lab File: VN075852.D
Acq: 16 Dec 2022 17:02

Tgt Ion: 117 Resp: 35586
Ion Ratio Lower Upper
117 100
119 3.8 76.1 114.1#
121 0.0 24.5 36.7#

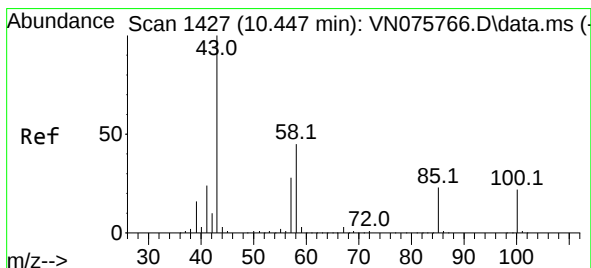
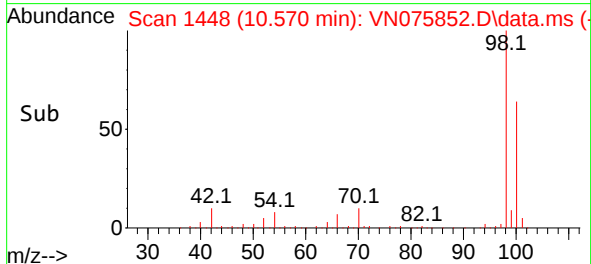
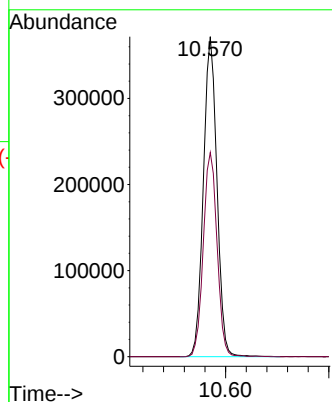
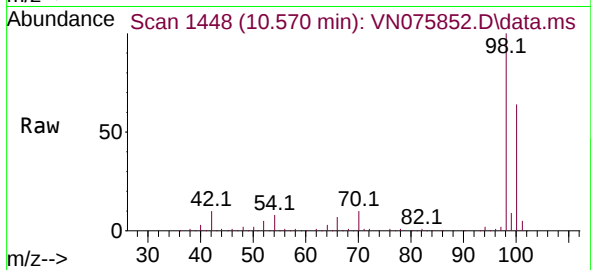




#50
Toluene-d8
Concen: 50.376 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075852.D
Acq: 16 Dec 2022 17:02

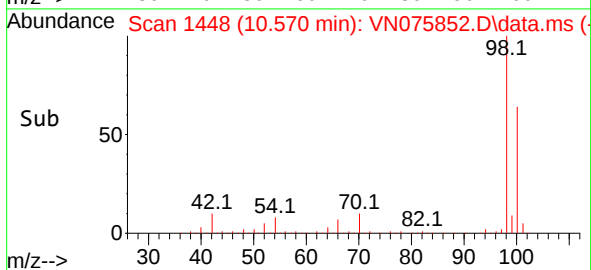
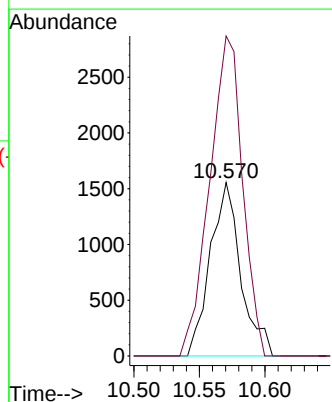
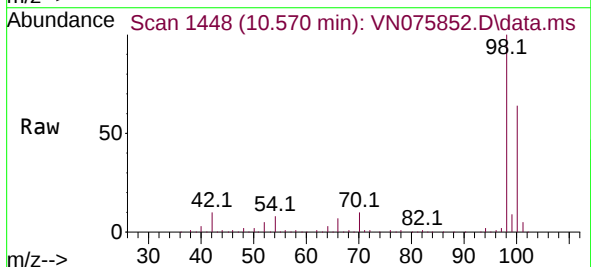
Instrument :
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PMW-1

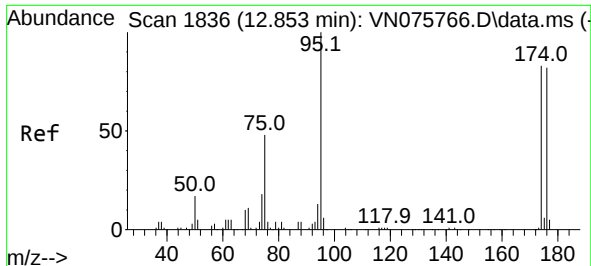
Tgt Ion: 98 Resp: 675721
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.658 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. 0.123 min
Lab File: VN075852.D
Acq: 16 Dec 2022 17:02

Tgt Ion: 43 Resp: 2514
Ion Ratio Lower Upper
43 100
58 199.0 35.5 53.3#

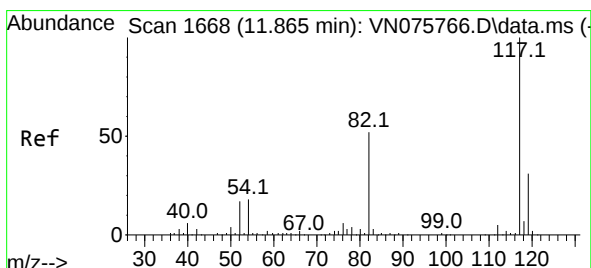
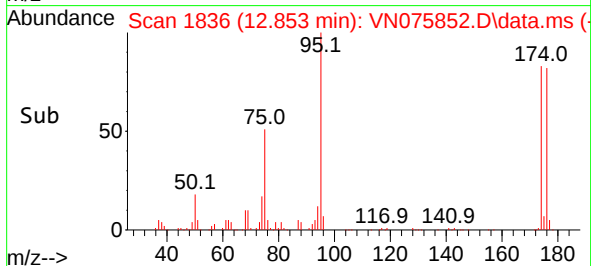
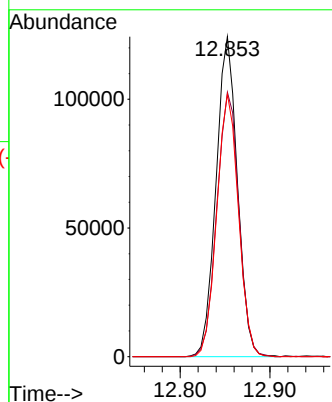
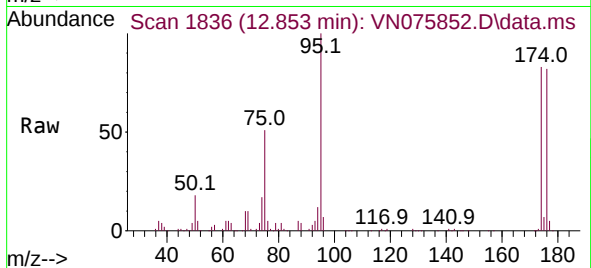




#62
4-Bromofluorobenzene
Concen: 46.244 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075852.D
Acq: 16 Dec 2022 17:02

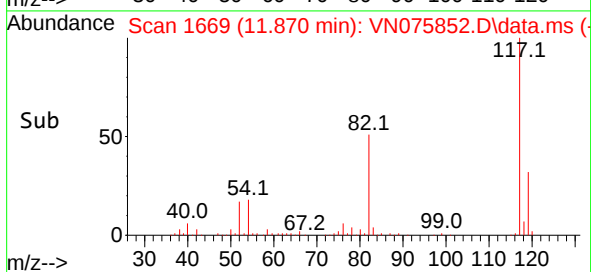
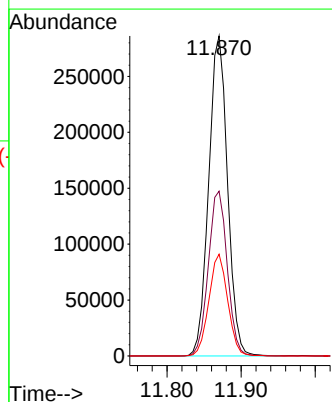
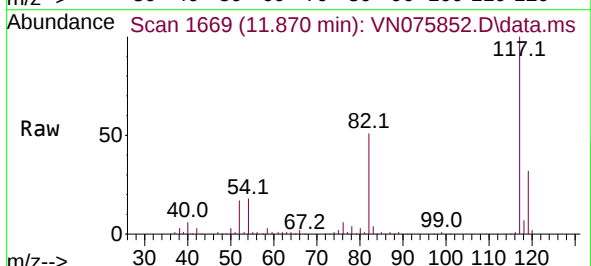
Instrument :
MSVOA_N
ClientSampleId :
PMW-1

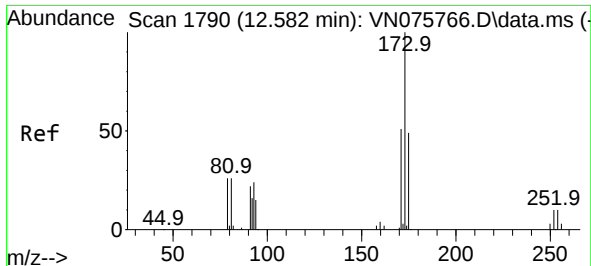
Tgt Ion: 95 Resp: 205451
Ion Ratio Lower Upper
95 100
174 85.3 0.0 171.6
176 83.2 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075852.D
Acq: 16 Dec 2022 17:02

Tgt Ion: 117 Resp: 504809
Ion Ratio Lower Upper
117 100
82 51.5 41.3 61.9
119 31.8 24.6 37.0

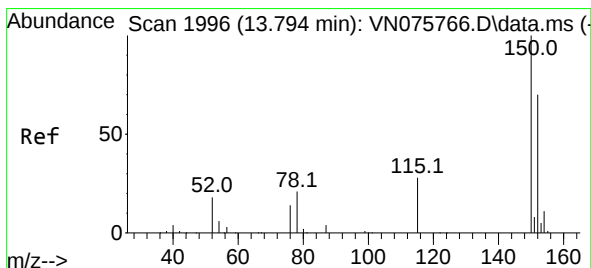
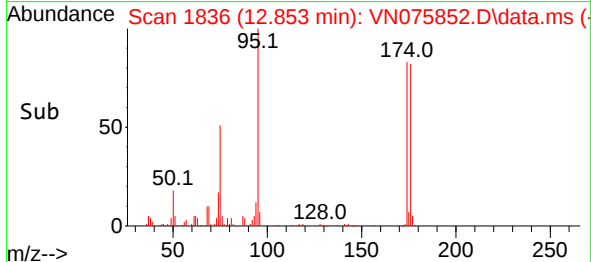
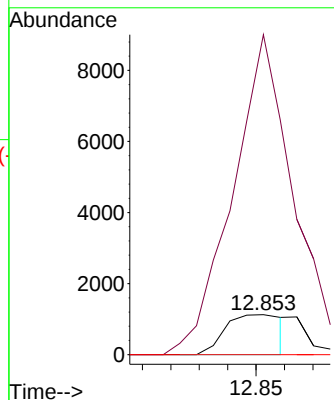
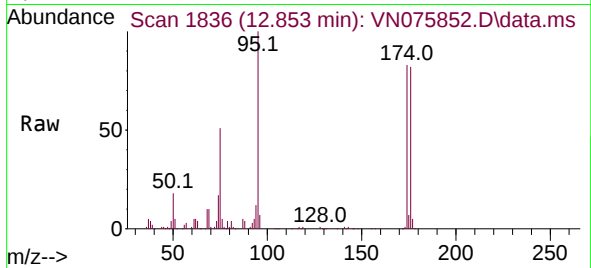




#71
Bromoform
Concen: 0.568 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.270 min
Lab File: VN075852.D
Acq: 16 Dec 2022 17:02

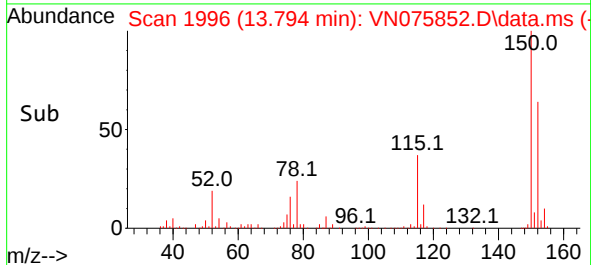
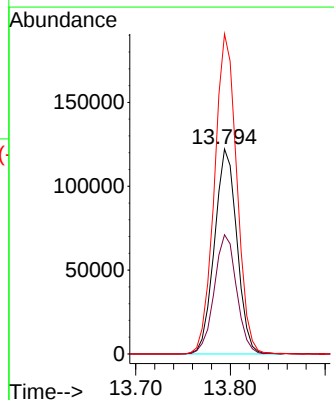
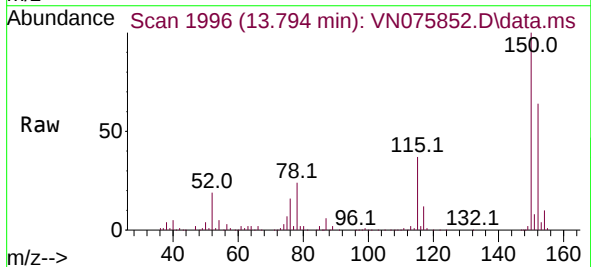
Instrument :
MSVOA_N
ClientSampleId :
PMW-1

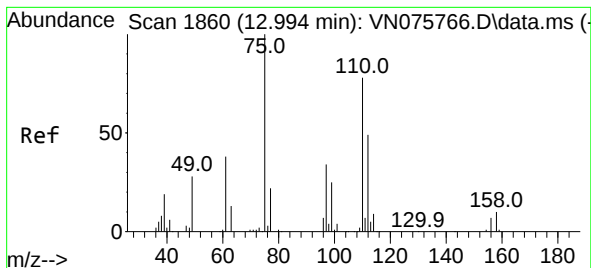
Tgt Ion:173 Resp: 1585
Ion Ratio Lower Upper
173 100
175 668.8 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075852.D
Acq: 16 Dec 2022 17:02

Tgt Ion:152 Resp: 200990
Ion Ratio Lower Upper
152 100
115 58.1 29.1 87.4
150 155.7 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 25.744 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN075852.D

Acq: 16 Dec 2022 17:02

Instrument :

MSVOA_N

ClientSampleId :

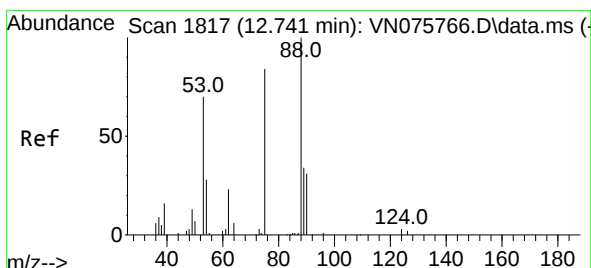
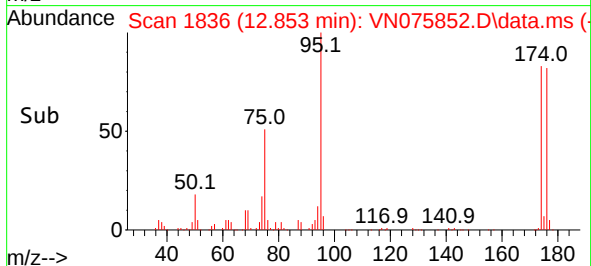
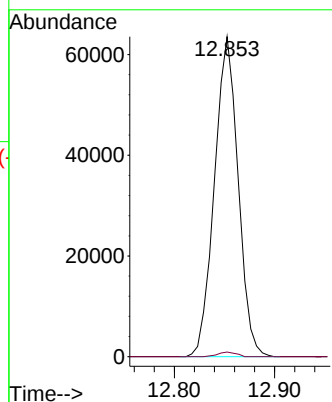
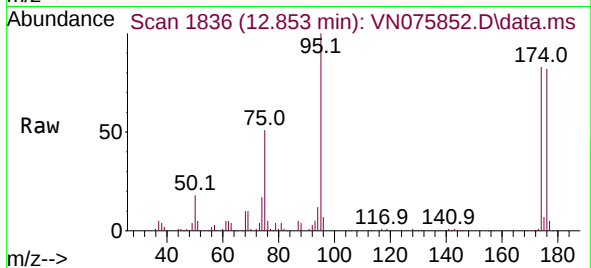
PMW-1

Tgt Ion: 75 Resp: 104300

Ion Ratio Lower Upper

75 100

77 1.1 82.6 247.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 92.665 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.111 min

Lab File: VN075852.D

Acq: 16 Dec 2022 17:02

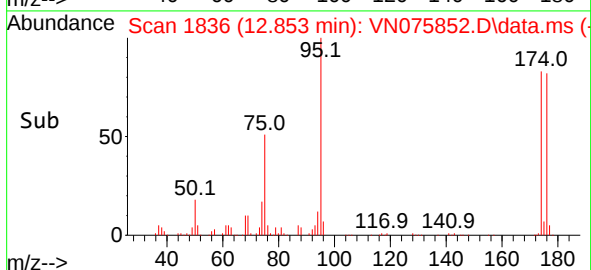
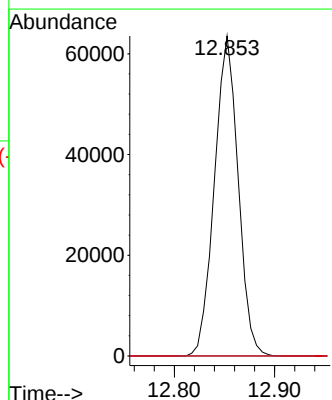
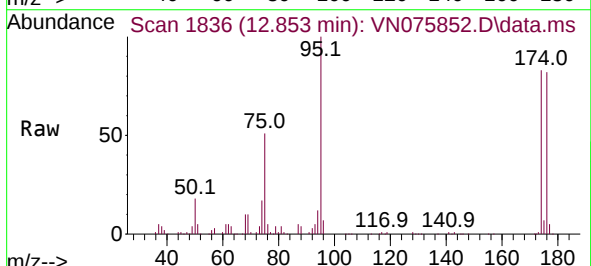
Tgt Ion: 75 Resp: 104300

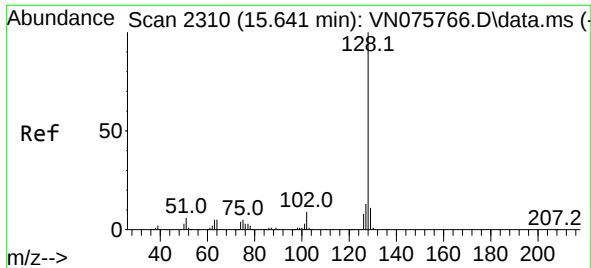
Ion Ratio Lower Upper

75 100

53 0.0 73.8 110.6#

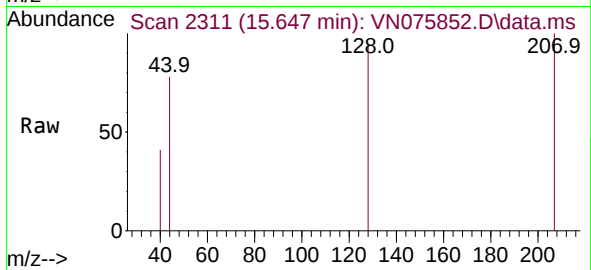
89 0.0 39.5 59.3#





#95
Naphthalene
Concen: 2.236 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN075852.D
Acq: 16 Dec 2022 17:02

Instrument :
MSVOA_N
ClientSampleId :
PMW-1



Tgt Ion:128 Resp: 672
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.7 13.1#

