

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075717.D
 Acq On : 12 Dec 2022 16:53
 Operator : JC\MD
 Sample : N5978-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-2022-12-08

Quant Time: Dec 13 01:33:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

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

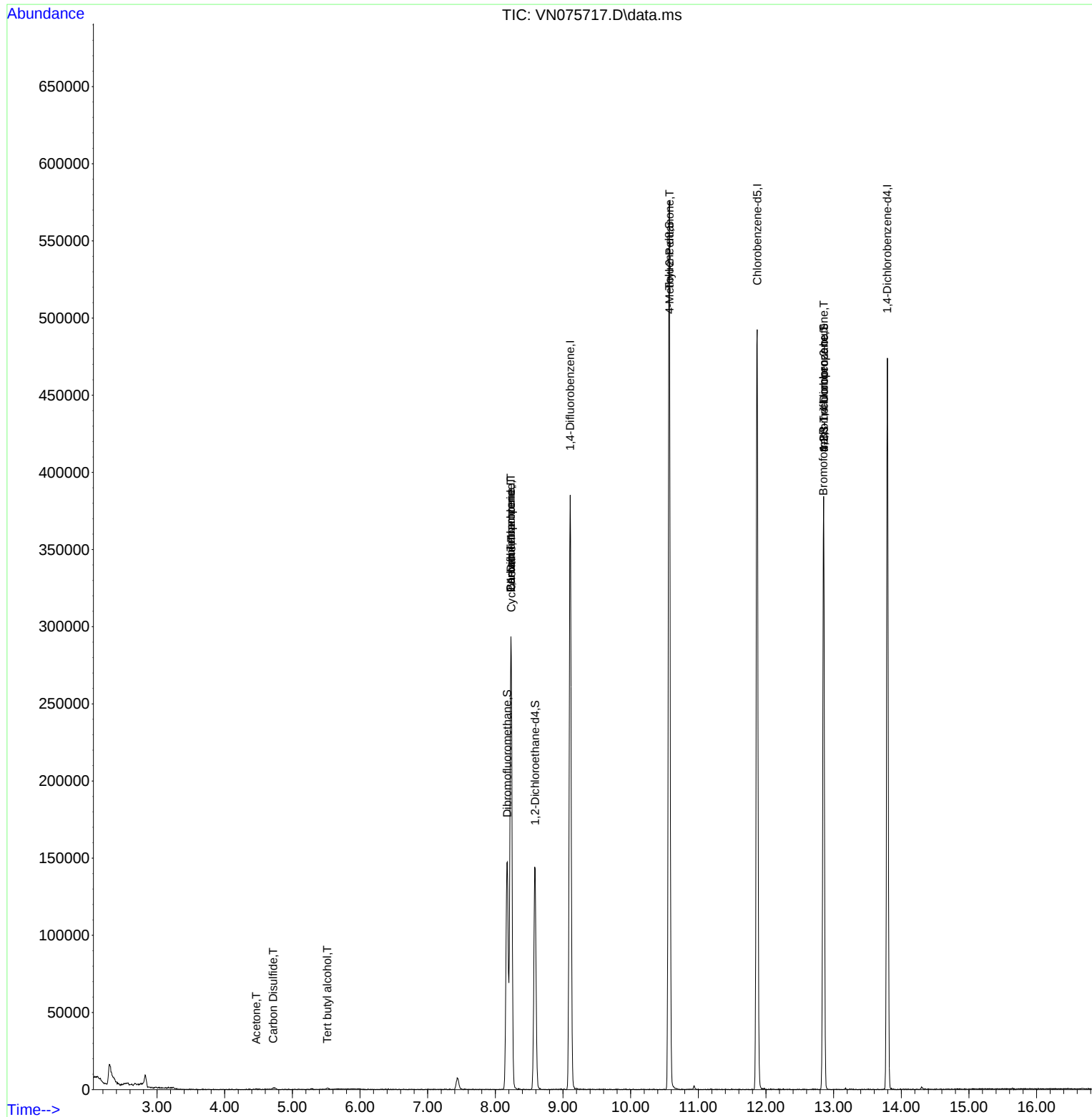
Internal Standards						
1) Pentafluorobenzene	8.230	168	231603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	355526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	309905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	117609	47.860	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.720%
35) Dibromofluoromethane	8.177	113	108010	49.794	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.580%
50) Toluene-d8	10.571	98	413132	50.716	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.440%
62) 4-Bromofluorobenzene	12.853	95	129242	46.404	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.800%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.518	59	195	0.536	ug/l #	72
16) Acetone	4.465	43	438	0.526	ug/l #	41
17) Carbon Disulfide	4.718	76	1857	0.354	ug/l #	74
31) Cyclohexane	8.235	56	4520	1.242	ug/l #	46
36) 1,1-Dichloropropene	8.230	75	16266	5.647	ug/l #	49
38) Carbon Tetrachloride	8.230	117	22595	6.798	ug/l #	17
51) 4-Methyl-2-Pentanone	10.576	43	1525	0.641	ug/l #	1
71) Bromoform	12.847	173	983	0.559	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	64016	23.580	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	64016	75.386	ug/l #	13

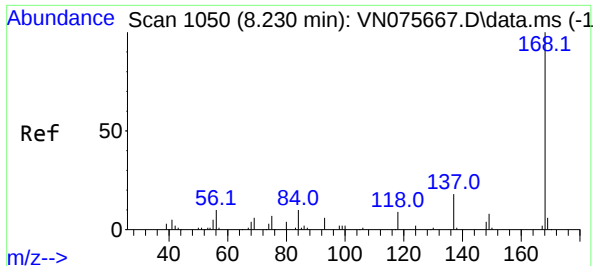
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Dec 12 07:54:35 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075717.D

Acq: 12 Dec 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

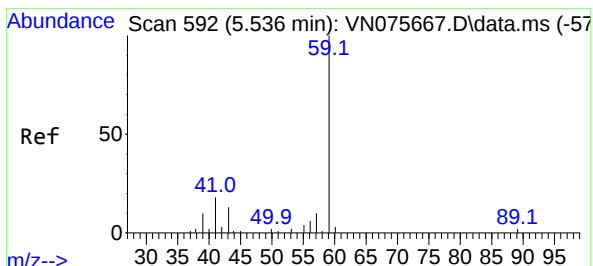
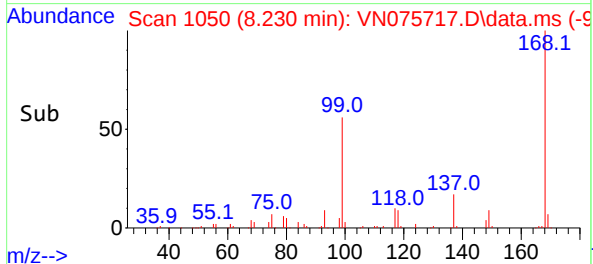
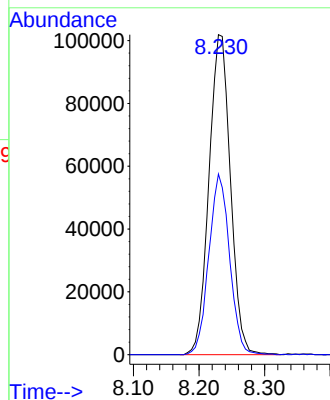
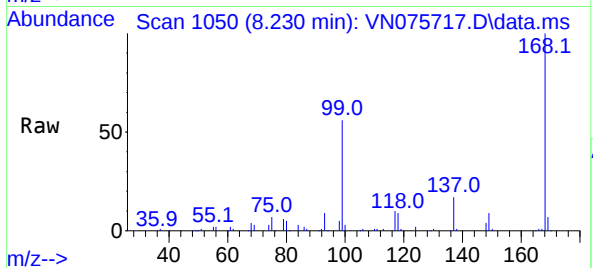
EB-2022-12-08

Tgt Ion:168 Resp: 231603

Ion Ratio Lower Upper

168 100

99 56.4 41.2 61.8



#11

Tert butyl alcohol

Concen: 0.536 ug/l

RT: 5.518 min Scan# 589

Delta R.T. -0.018 min

Lab File: VN075717.D

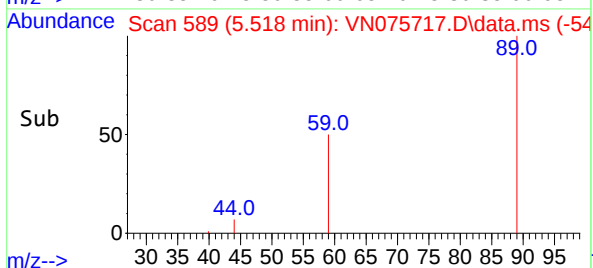
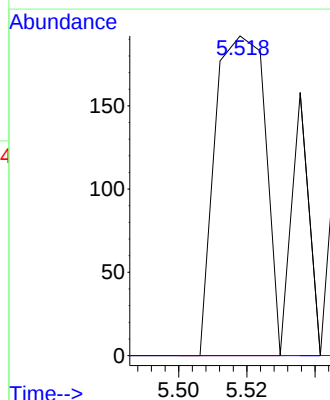
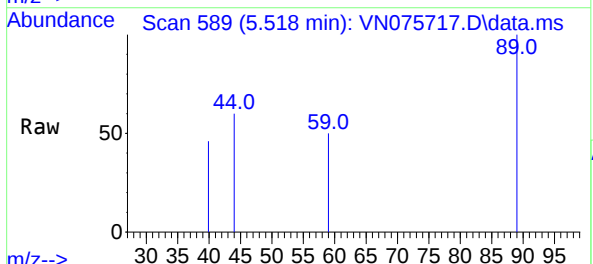
Acq: 12 Dec 2022 16:53

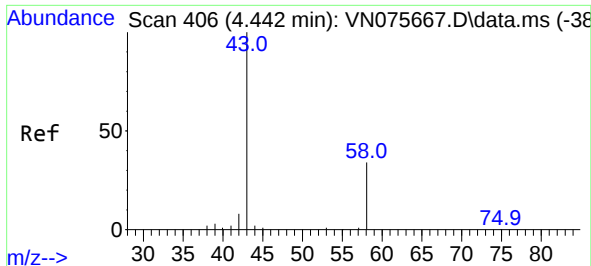
Tgt Ion: 59 Resp: 195

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#

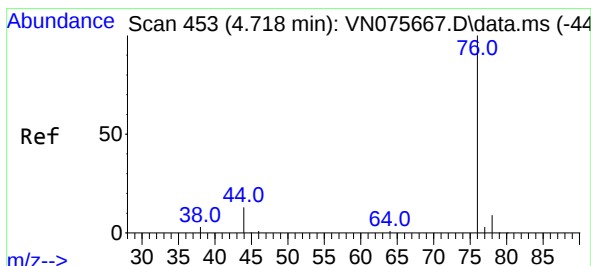
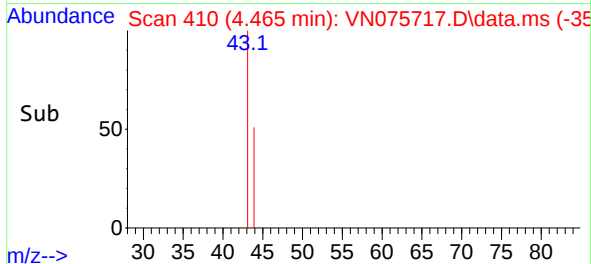
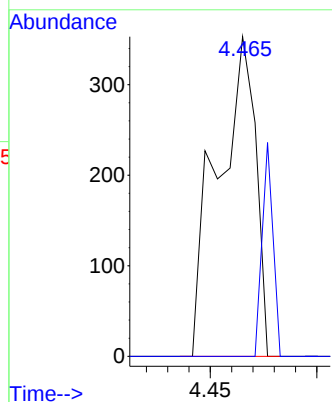
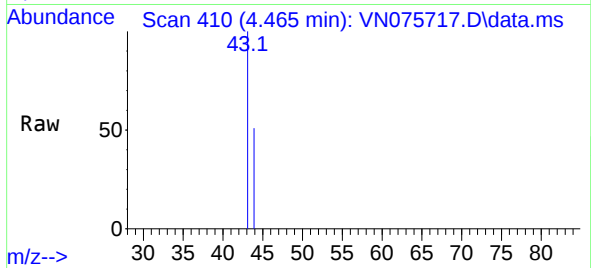




#16
Acetone
Concen: 0.526 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.024 min
Lab File: VN075717.D
Acq: 12 Dec 2022 16:53

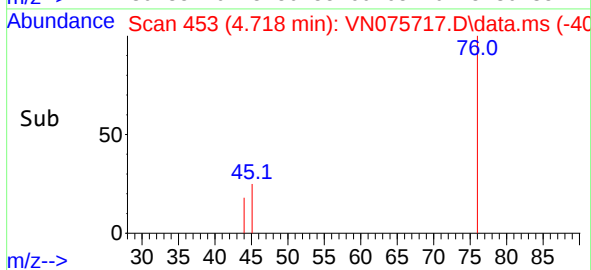
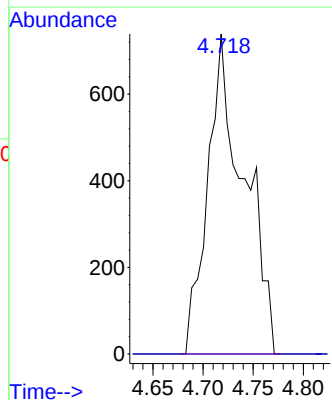
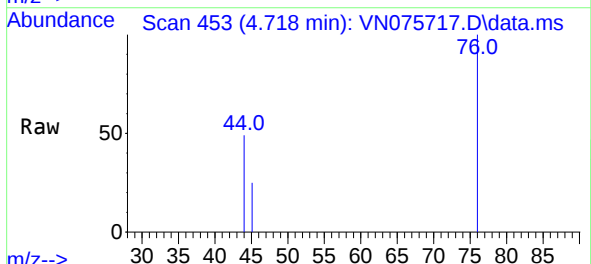
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-12-08

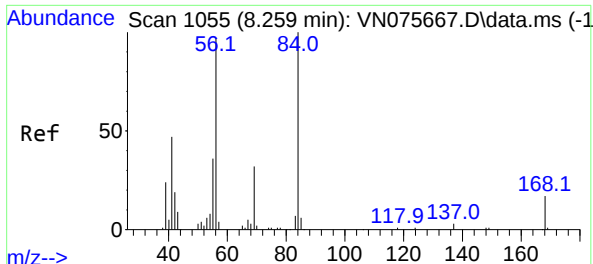
Tgt Ion: 43 Resp: 438
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.4#



#17
Carbon Disulfide
Concen: 0.354 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075717.D
Acq: 12 Dec 2022 16:53

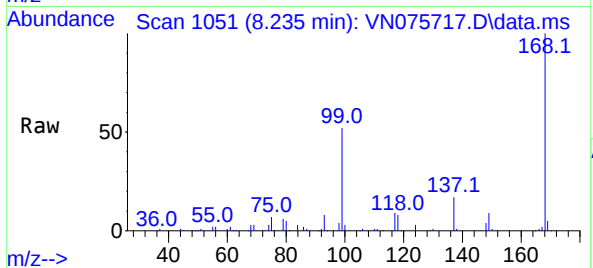
Tgt Ion: 76 Resp: 1857
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#



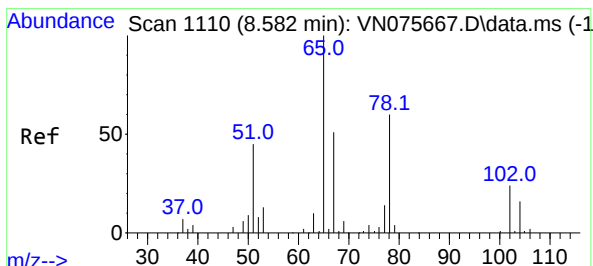
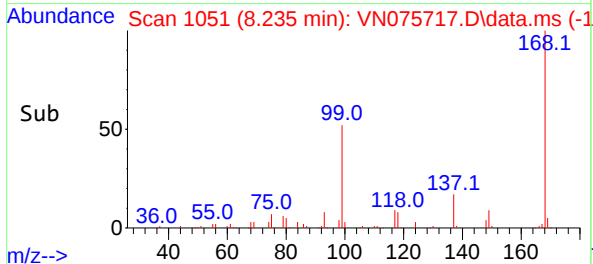
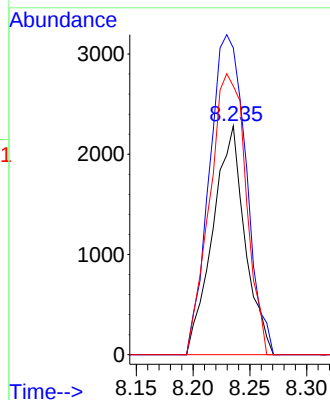


#31
Cyclohexane
Concen: 1.242 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.023 min
Lab File: VN075717.D
Acq: 12 Dec 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
EB-2022-12-08

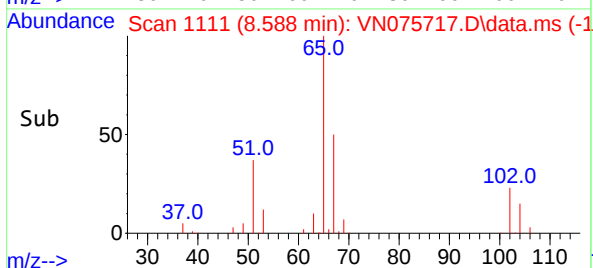
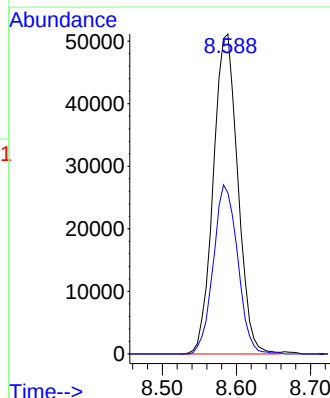
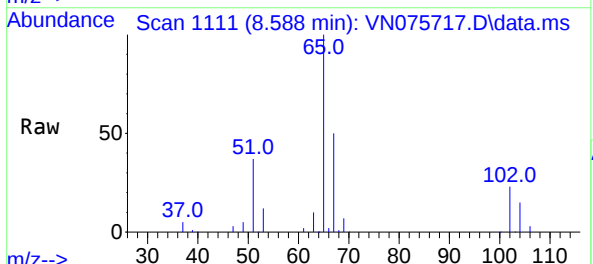


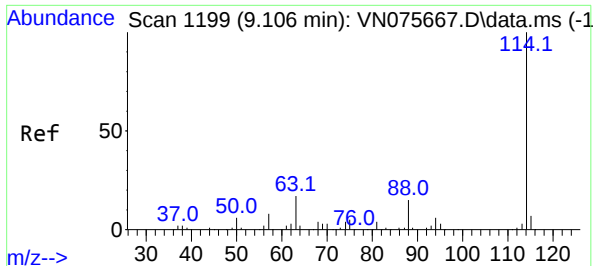
Tgt Ion: 56 Resp: 4520
Ion Ratio Lower Upper
56 100
69 134.1 26.2 39.2#
84 117.3 82.8 124.2



#33
1,2-Dichloroethane-d4
Concen: 47.860 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075717.D
Acq: 12 Dec 2022 16:53

Tgt Ion: 65 Resp: 117609
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075717.D

Acq: 12 Dec 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

EB-2022-12-08

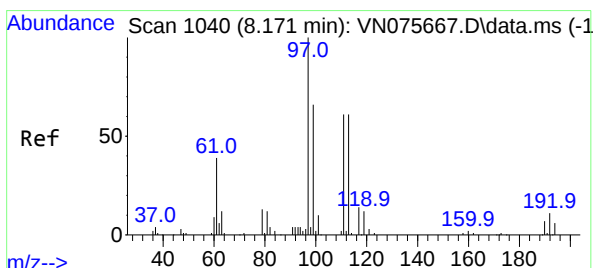
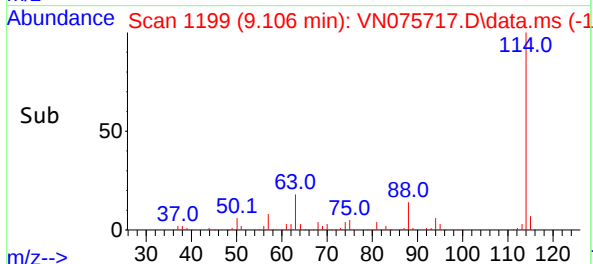
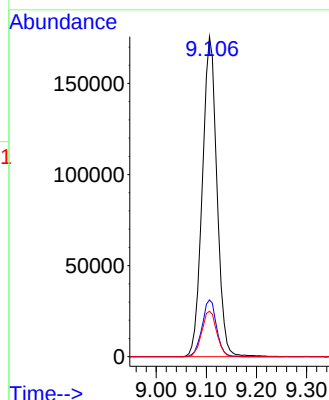
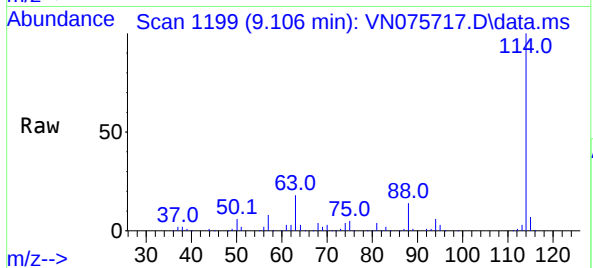
Tgt Ion:114 Resp: 355526

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 14.2 0.0 29.2



#35

Dibromofluoromethane

Concen: 49.794 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075717.D

Acq: 12 Dec 2022 16:53

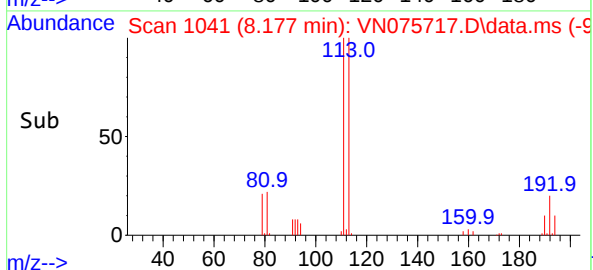
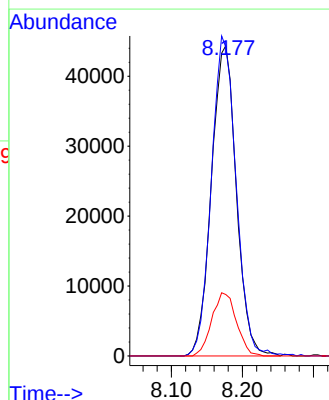
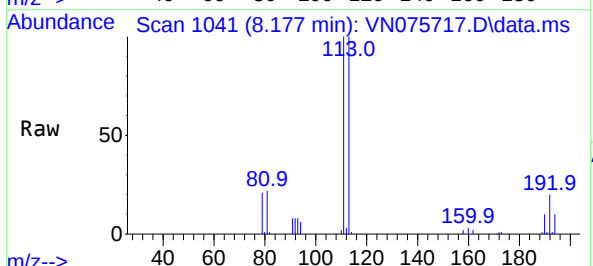
Tgt Ion:113 Resp: 108010

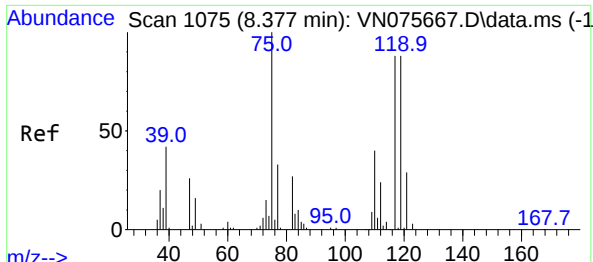
Ion Ratio Lower Upper

113 100

111 102.1 81.0 121.6

192 20.1 16.2 24.2





#36

1,1-Dichloropropene

Concen: 5.647 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075717.D

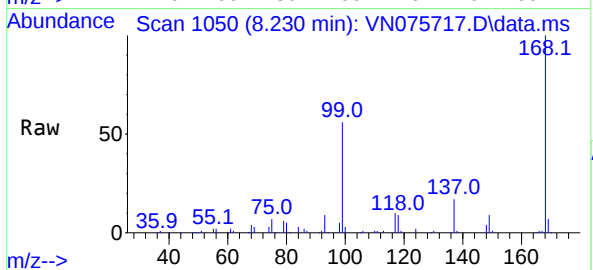
Acq: 12 Dec 2022 16:53

Instrument :

MSVOA_N

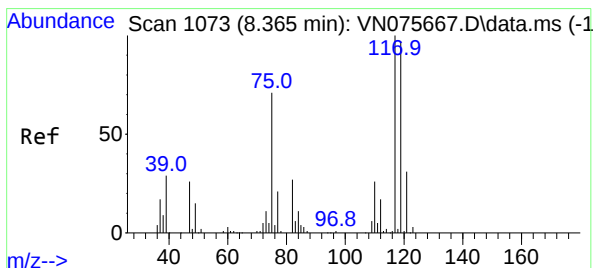
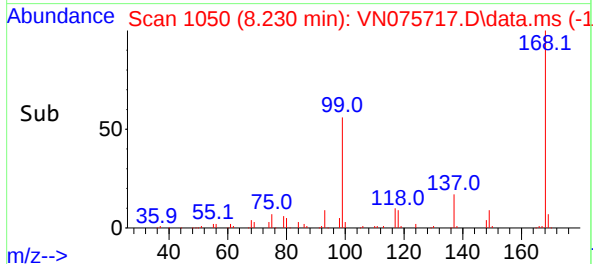
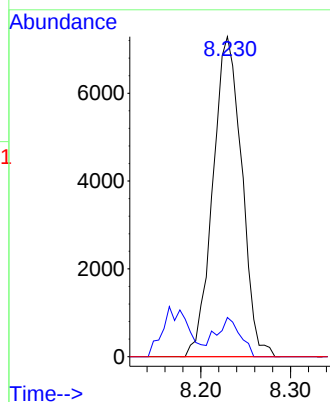
ClientSampleId :

EB-2022-12-08



Tgt Ion: 75 Resp: 16266

Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.9	56.9#
77	0.0	25.4	38.2#



#38

Carbon Tetrachloride

Concen: 6.798 ug/l

RT: 8.230 min Scan# 1050

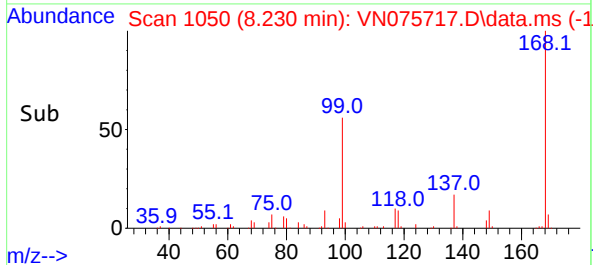
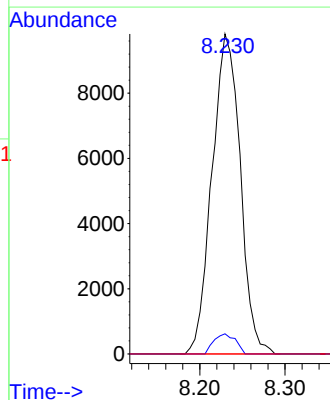
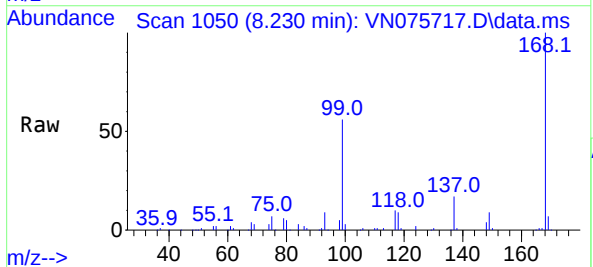
Delta R.T. -0.135 min

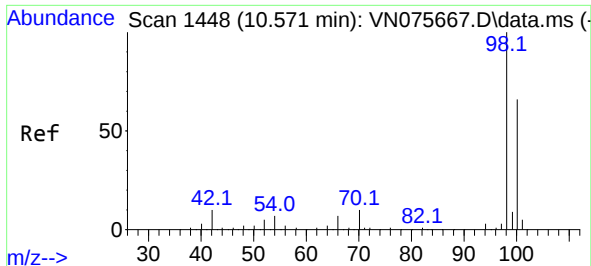
Lab File: VN075717.D

Acq: 12 Dec 2022 16:53

Tgt Ion: 117 Resp: 22595

Ion	Ratio	Lower	Upper
117	100		
119	6.3	77.2	115.8#
121	0.0	24.6	37.0#

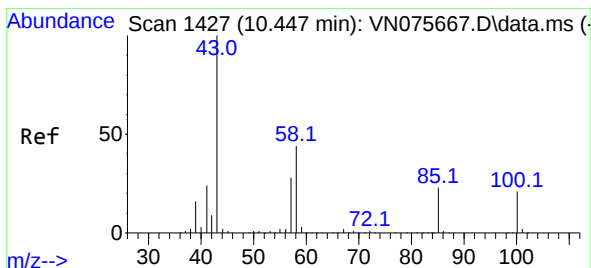
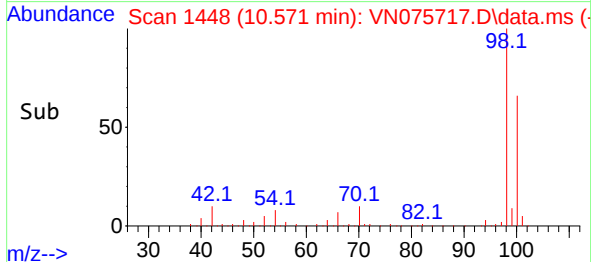
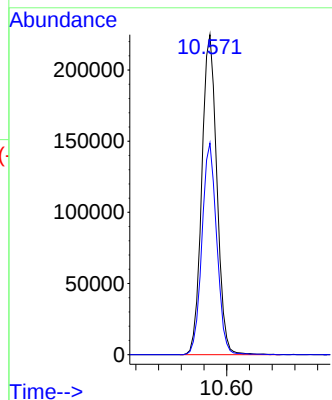
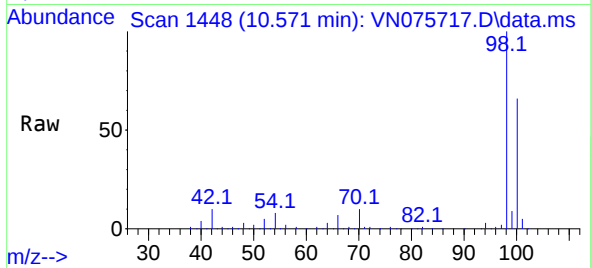




#50
Toluene-d8
Concen: 50.716 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075717.D
Acq: 12 Dec 2022 16:53

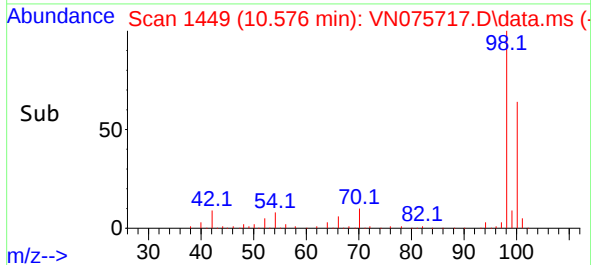
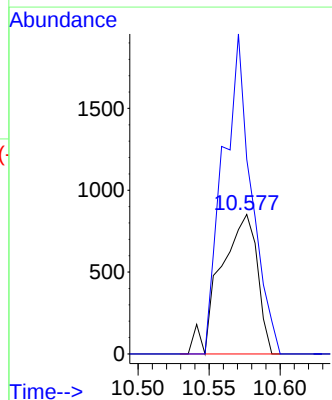
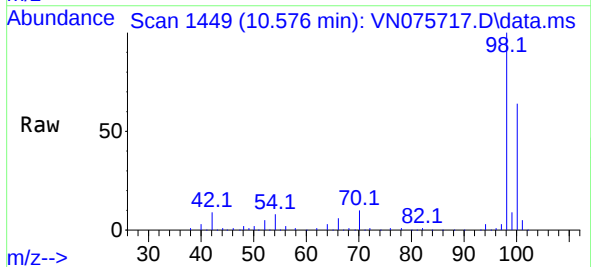
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EB-2022-12-08

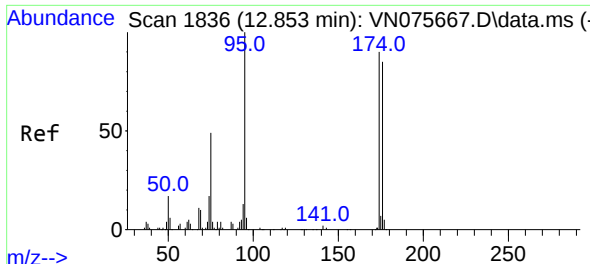
Tgt Ion: 98 Resp: 413132
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.641 ug/l
RT: 10.576 min Scan# 1449
Delta R.T. 0.129 min
Lab File: VN075717.D
Acq: 12 Dec 2022 16:53

Tgt Ion: 43 Resp: 1525
Ion Ratio Lower Upper
43 100
58 178.8 35.0 52.6#

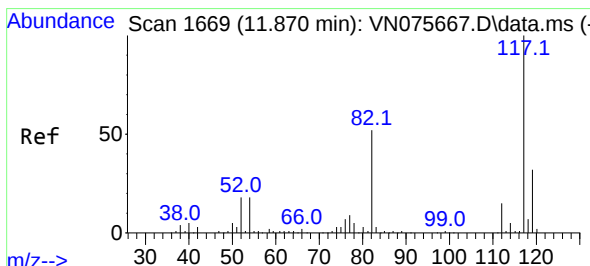
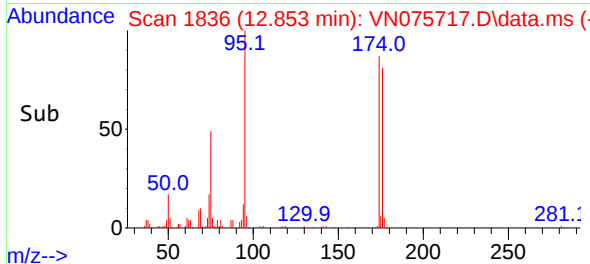
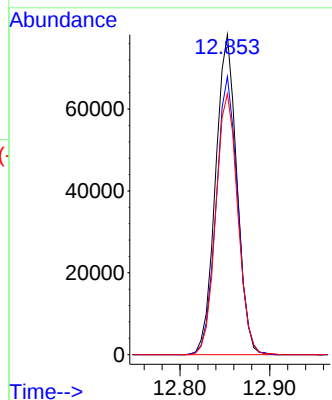
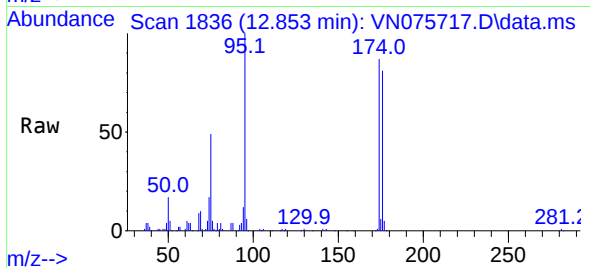




#62
4-Bromofluorobenzene
Concen: 46.404 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075717.D
Acq: 12 Dec 2022 16:53

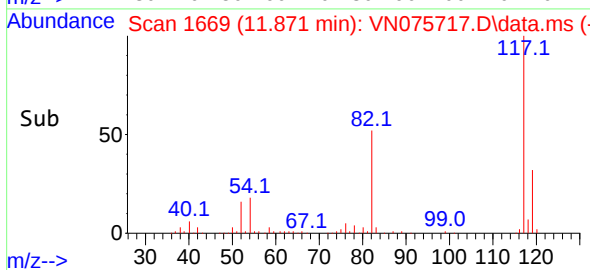
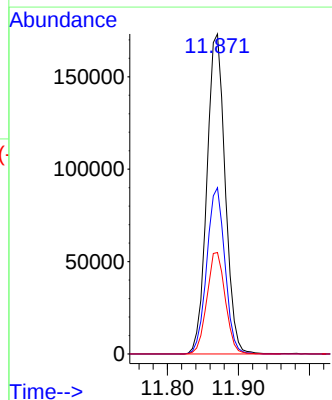
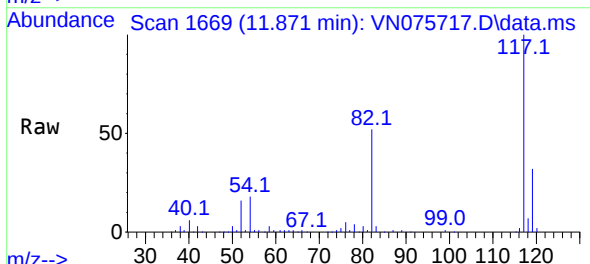
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-12-08

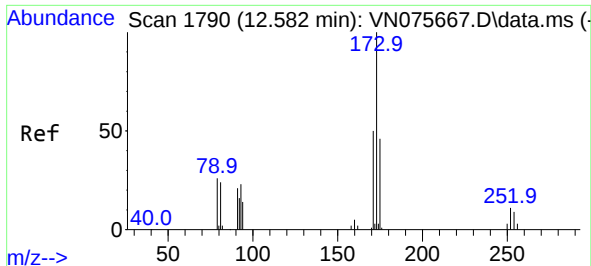
Tgt Ion: 95 Resp: 129242
Ion Ratio Lower Upper
95 100
174 87.7 0.0 178.6
176 83.5 0.0 170.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN075717.D
Acq: 12 Dec 2022 16:53

Tgt Ion: 117 Resp: 309905
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.8
119 31.7 25.8 38.6

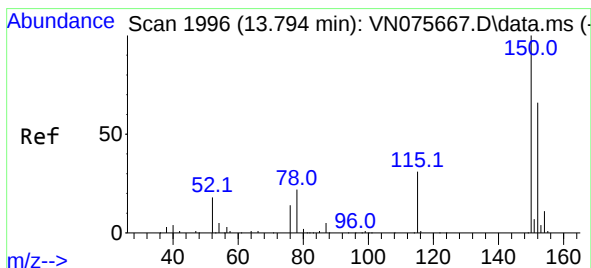
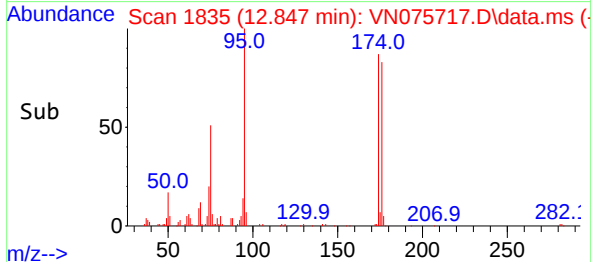
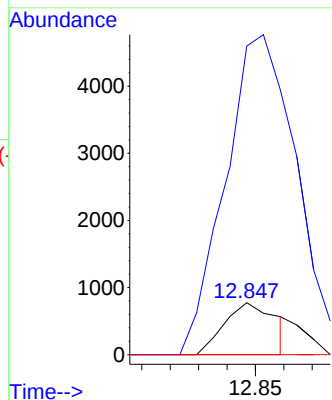
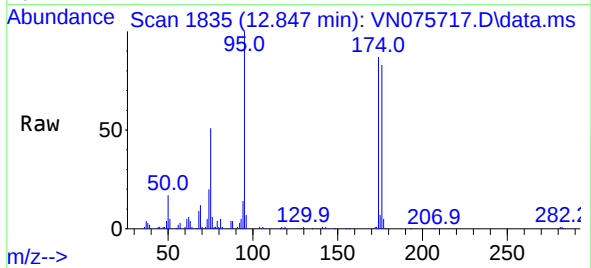




#71
Bromoform
Concen: 0.559 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN075717.D
Acq: 12 Dec 2022 16:53

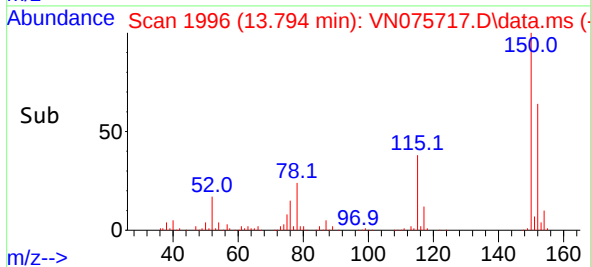
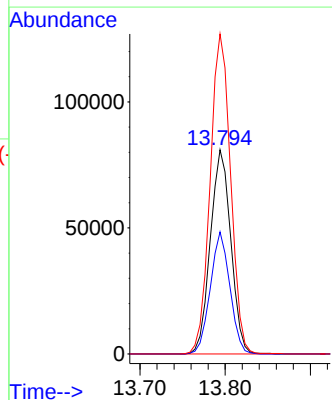
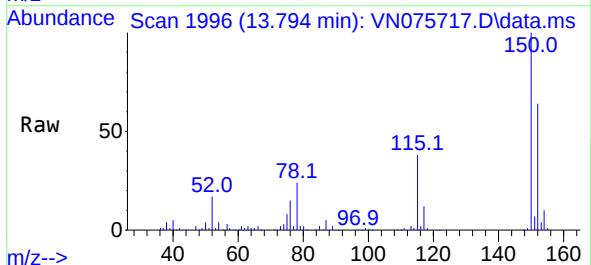
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-12-08

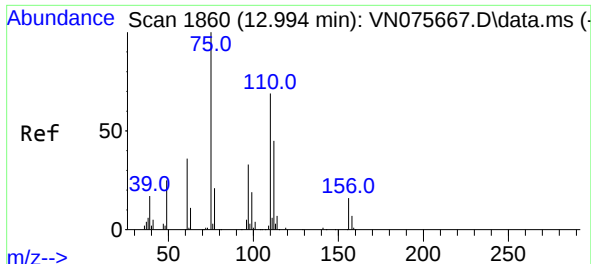
Tgt Ion:173 Resp: 983
Ion Ratio Lower Upper
173 100
175 669.0 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075717.D
Acq: 12 Dec 2022 16:53

Tgt Ion:152 Resp: 135182
Ion Ratio Lower Upper
152 100
115 57.1 28.4 85.2
150 156.5 0.0 347.6

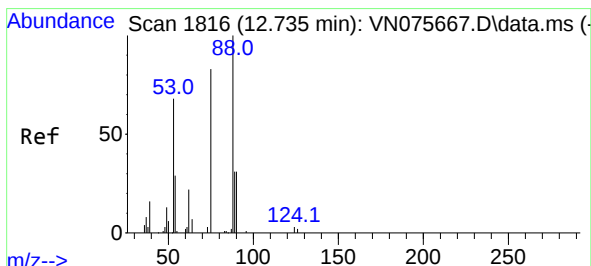
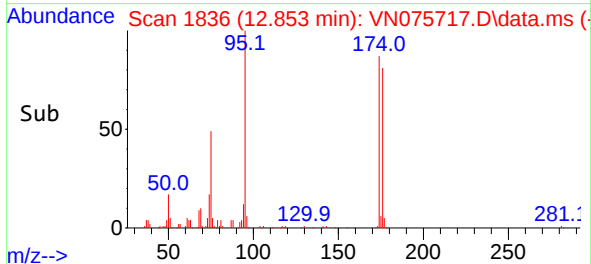
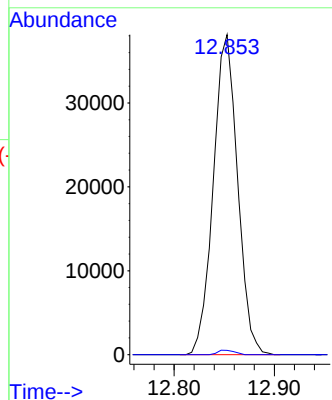
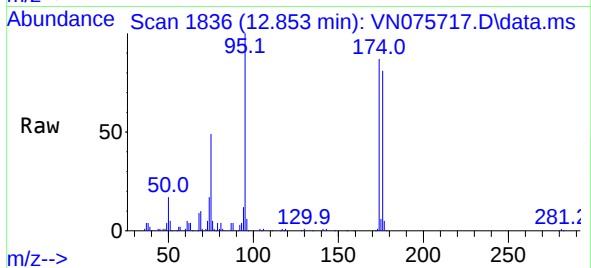




#76
1,2,3-Trichloropropane
Concen: 23.580 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075717.D
Acq: 12 Dec 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
EB-2022-12-08

Tgt Ion: 75 Resp: 64016
Ion Ratio Lower Upper
75 100
77 1.0 81.8 245.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.386 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN075717.D
Acq: 12 Dec 2022 16:53

Tgt Ion: 75 Resp: 64016
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.0 36.6 55.0#

