

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110222\
 Data File : VN075110.D
 Acq On : 02 Nov 2022 12:16
 Operator : JC\MD
 Sample : VN1102WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBL01

Quant Time: Nov 03 04:14:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

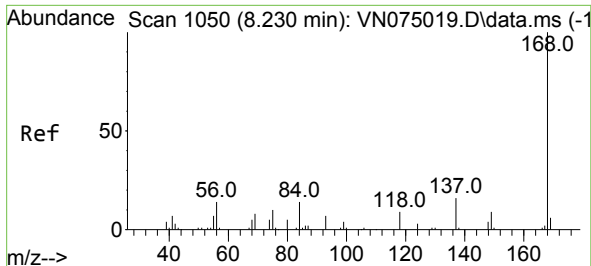
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	92430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	177311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	152636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	56978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	76323	61.285	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 122.560%	
35) Dibromofluoromethane	8.171	113	57230	54.981	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.960%	
50) Toluene-d8	10.571	98	213961	52.981	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.960%	
62) 4-Bromofluorobenzene	12.853	95	64163	45.229	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.460%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.948	94	231	Below Cal	#	5
6) Chloroethane	3.189	64	383	0.293	ug/l #	45
11) Tert butyl alcohol	5.512	59	66	0.227	ug/l #	72
31) Cyclohexane	8.230	56	2398	1.295	ug/l #	19
36) 1,1-Dichloropropene	8.230	75	8977	5.571	ug/l #	49
38) Carbon Tetrachloride	8.236	117	10387	5.860	ug/l #	14
51) 4-Methyl-2-Pentanone	10.571	43	851	0.481	ug/l #	1
71) Bromoform	12.847	173	419	0.463	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	35903	29.677	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	35903	76.180	ug/l #	10
95) Naphthalene	15.647	128	908	0.280	ug/l #	69

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

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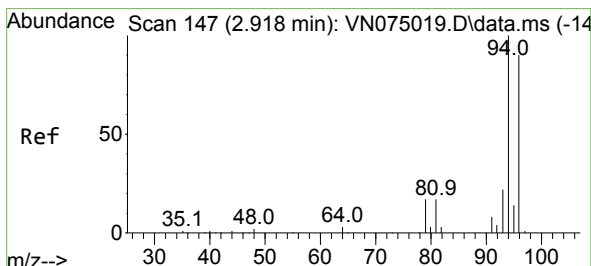
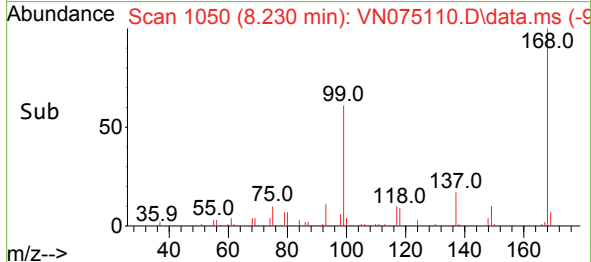
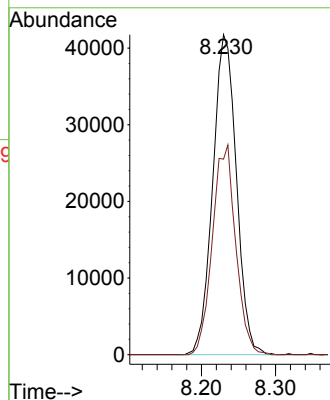
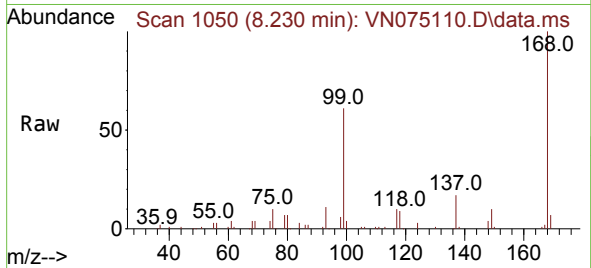




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075110.D
Acq: 02 Nov 2022 12:16

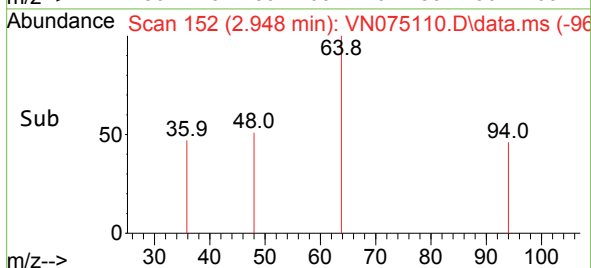
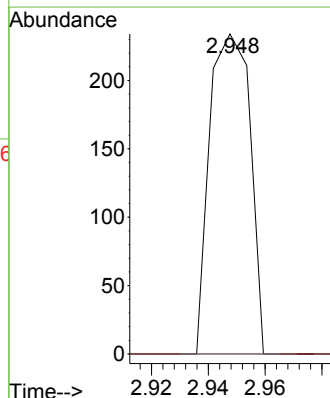
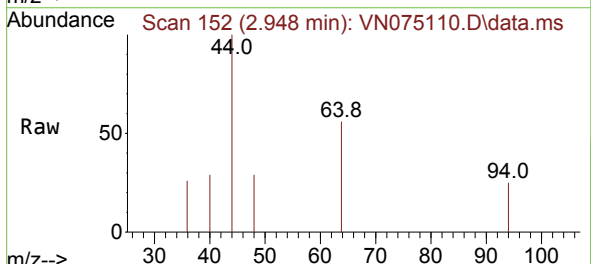
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBL01

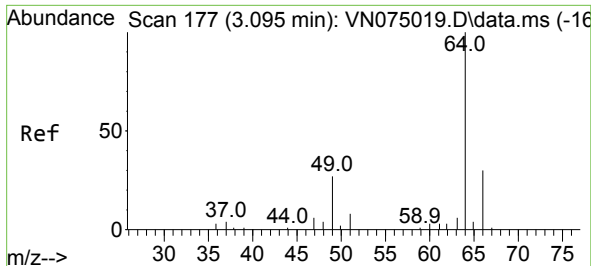
Tgt Ion:168 Resp: 92430
Ion Ratio Lower Upper
168 100
99 61.1 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.948 min Scan# 152
Delta R.T. 0.030 min
Lab File: VN075110.D
Acq: 02 Nov 2022 12:16

Tgt Ion: 94 Resp: 231
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#

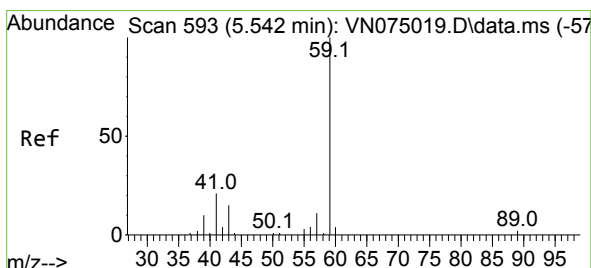
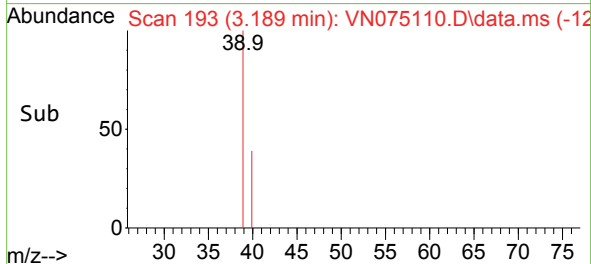
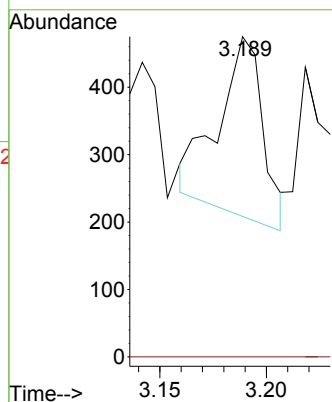
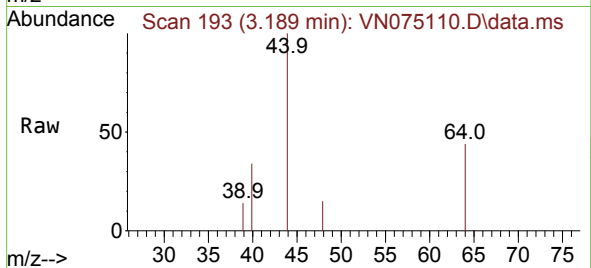




#6
Chloroethane
Concen: 0.293 ug/l
RT: 3.189 min Scan# 11
Delta R.T. 0.094 min
Lab File: VN075110.D
Acq: 02 Nov 2022 12:16

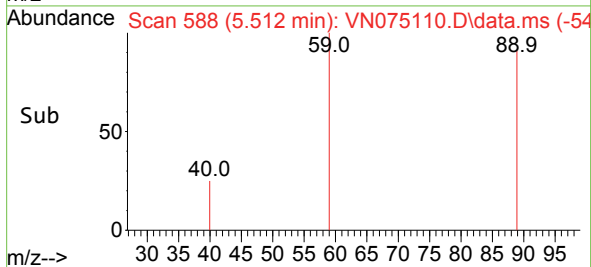
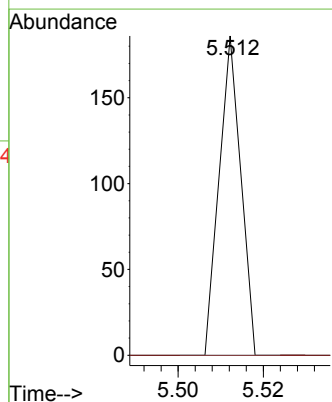
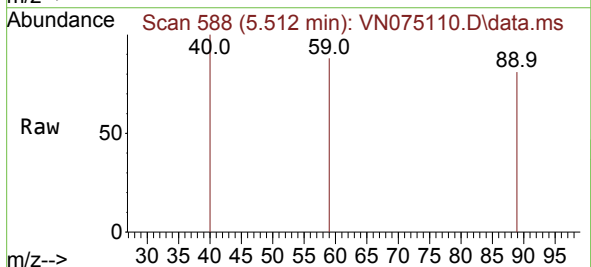
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBL01

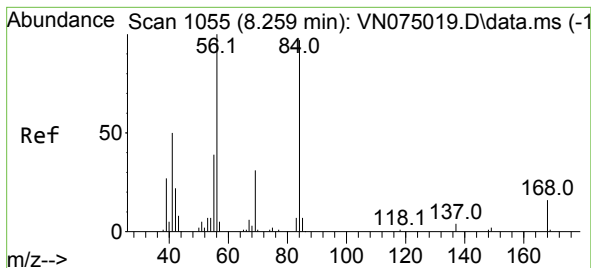
Tgt Ion: 64 Resp: 383
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 0.227 ug/l
RT: 5.512 min Scan# 588
Delta R.T. -0.030 min
Lab File: VN075110.D
Acq: 02 Nov 2022 12:16

Tgt Ion: 59 Resp: 66
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#





#31

Cyclohexane

Concen: 1.295 ug/l

RT: 8.230 min Scan# 110

Delta R.T. -0.029 min

Lab File: VN075110.D

Acq: 02 Nov 2022 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBL01

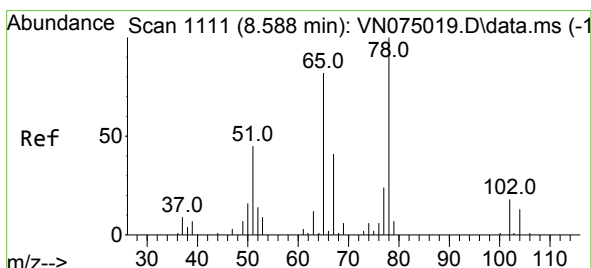
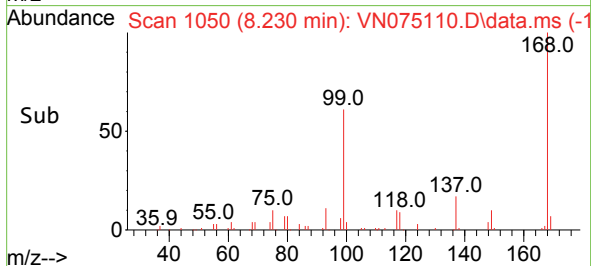
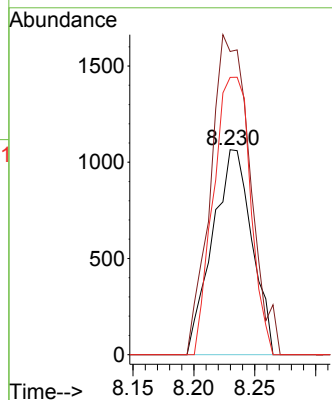
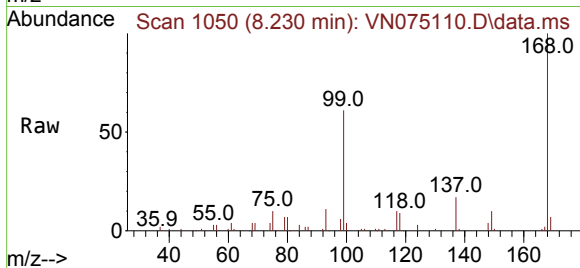
Tgt Ion: 56 Resp: 2398

Ion Ratio Lower Upper

56 100

69 148.0 25.2 37.8#

84 135.3 77.8 116.8#



#33

1,2-Dichloroethane-d4

Concen: 61.285 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.005 min

Lab File: VN075110.D

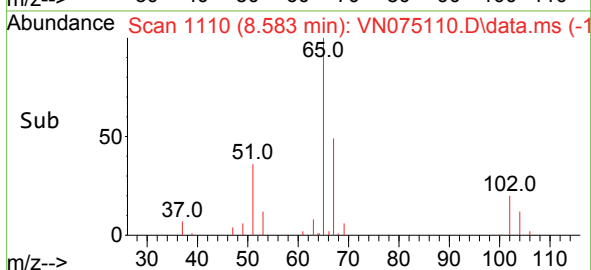
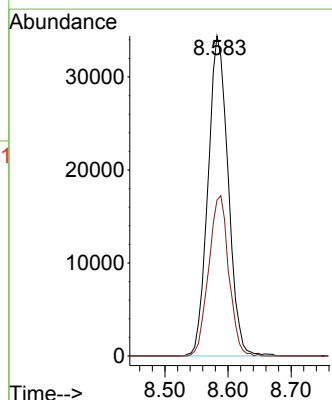
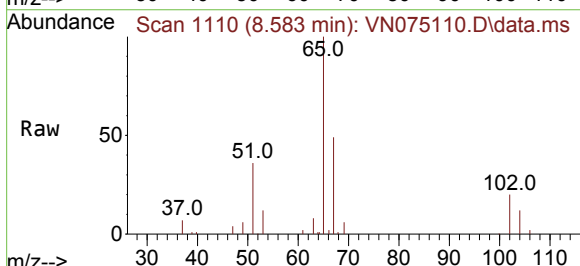
Acq: 02 Nov 2022 12:16

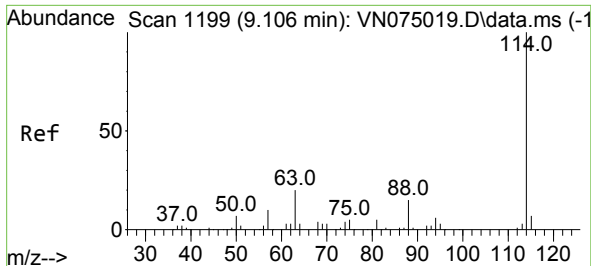
Tgt Ion: 65 Resp: 76323

Ion Ratio Lower Upper

65 100

67 49.8 0.0 102.0

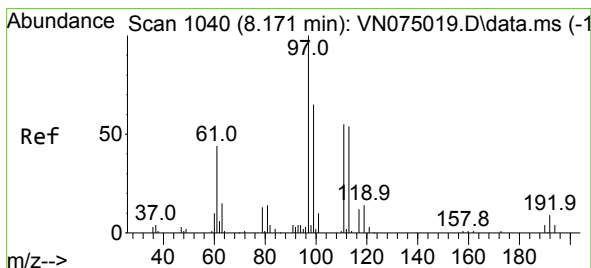
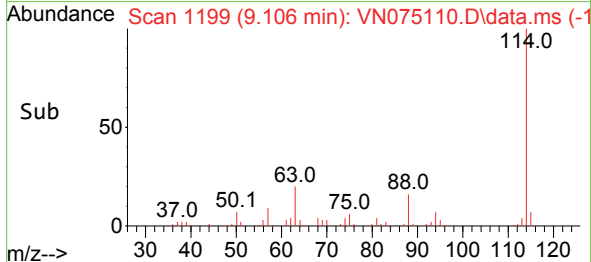
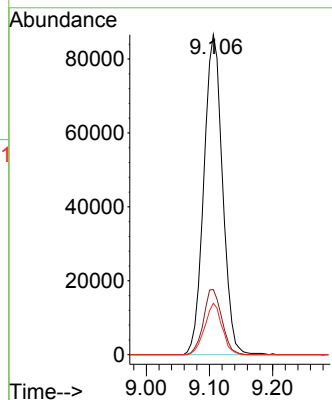
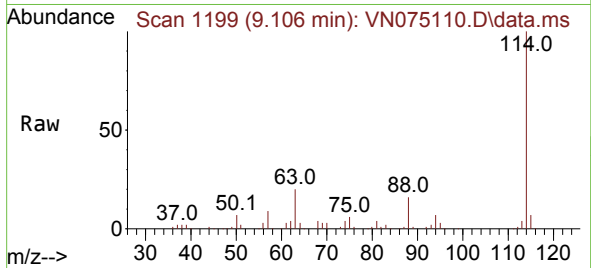




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075110.D
Acq: 02 Nov 2022 12:16

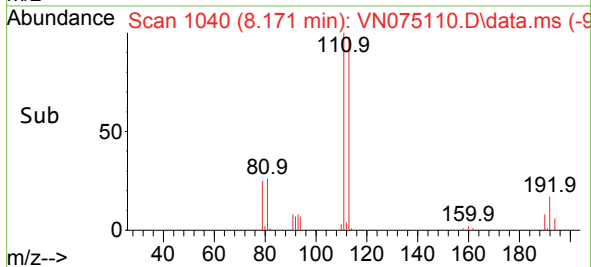
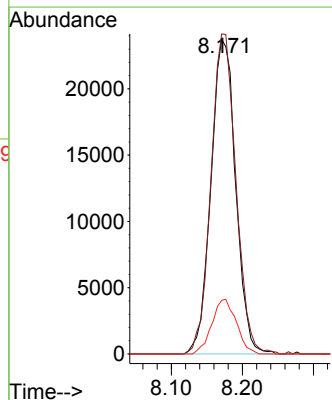
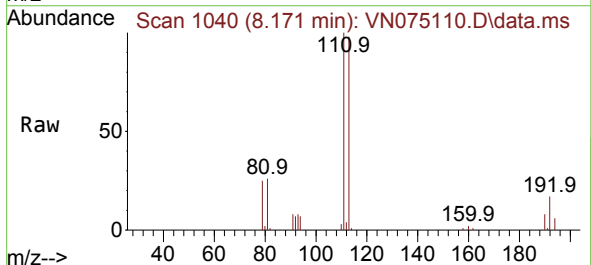
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBL01

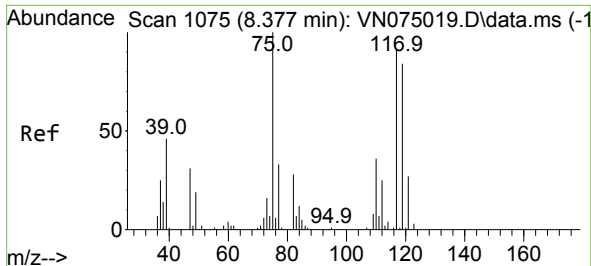
Tgt Ion:114 Resp: 177311
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.6
88 16.0 0.0 29.0



#35
Dibromofluoromethane
Concen: 54.981 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075110.D
Acq: 02 Nov 2022 12:16

Tgt Ion:113 Resp: 57230
Ion Ratio Lower Upper
113 100
111 102.6 80.5 120.7
192 17.2 13.2 19.8

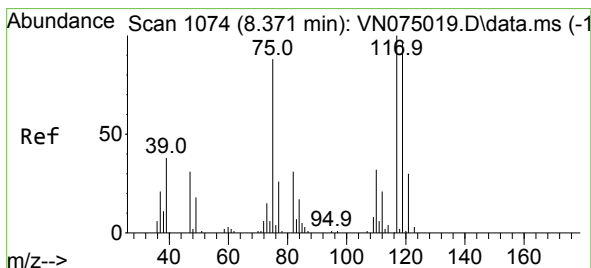
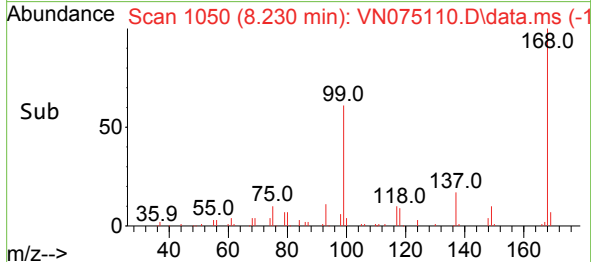
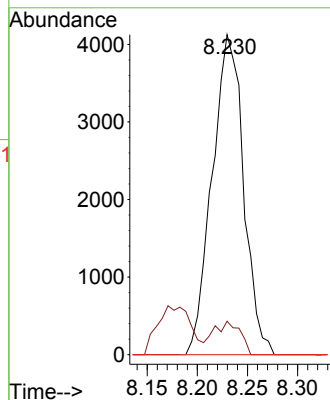
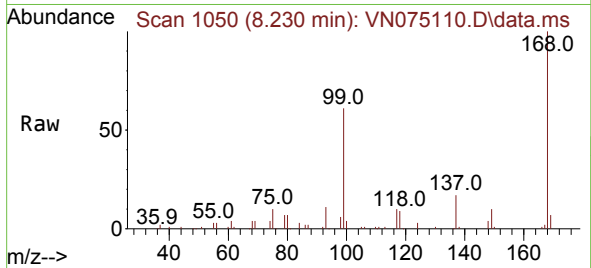




#36
1,1-Dichloropropene
Concen: 5.571 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075110.D
Acq: 02 Nov 2022 12:16

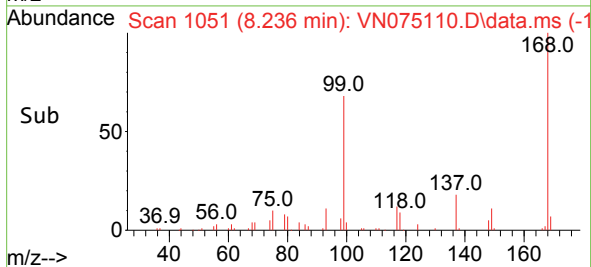
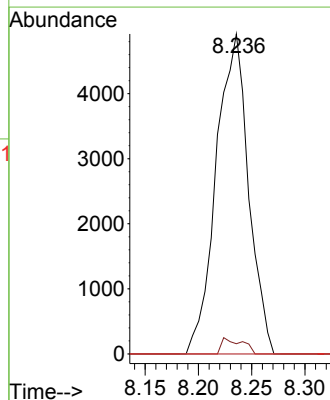
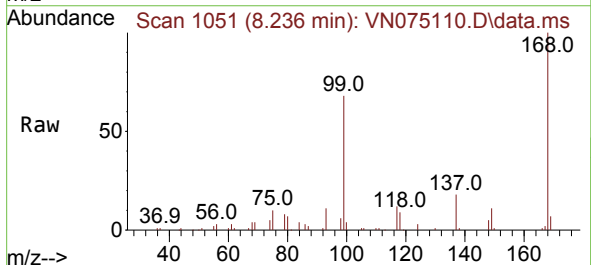
Instrument :
MSVOA_N
ClientSampleId :
VN1102WBL01

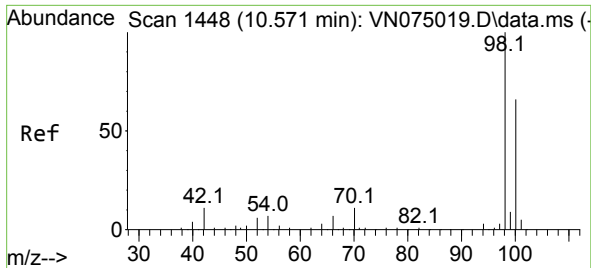
Tgt Ion: 75 Resp: 8977
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.3#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.860 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.135 min
Lab File: VN075110.D
Acq: 02 Nov 2022 12:16

Tgt Ion: 117 Resp: 10387
Ion Ratio Lower Upper
117 100
119 3.2 76.7 115.1#
121 0.0 23.9 35.9#

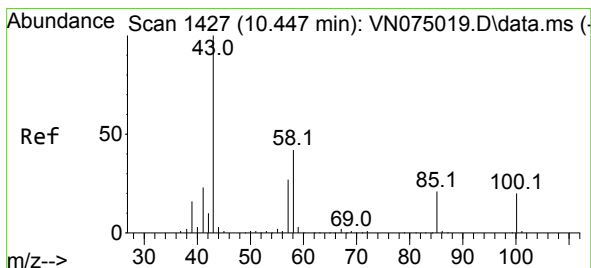
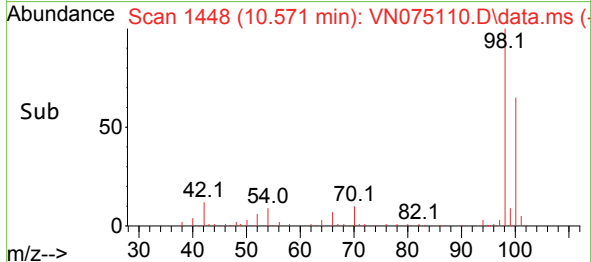
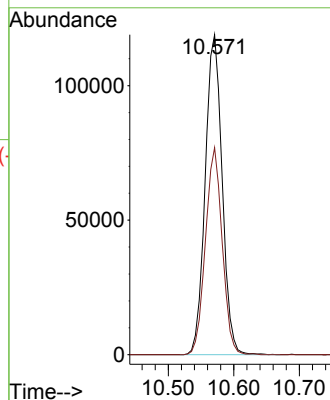
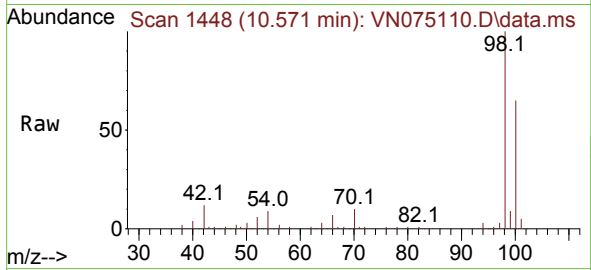




#50
Toluene-d8
Concen: 52.981 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075110.D
Acq: 02 Nov 2022 12:16

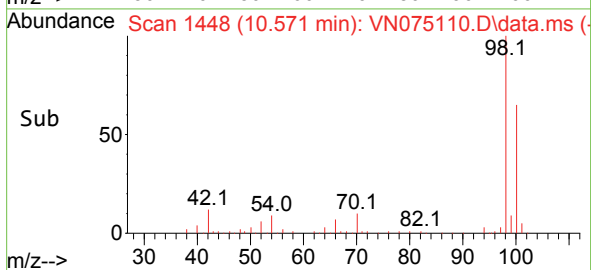
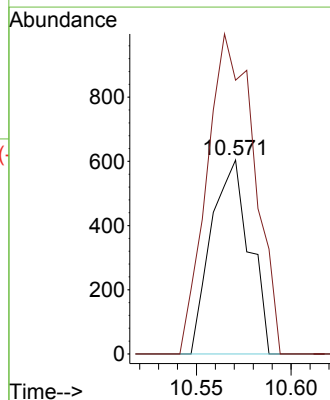
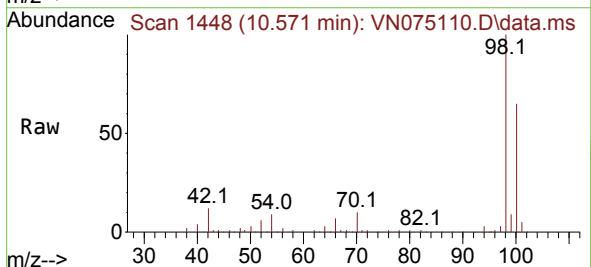
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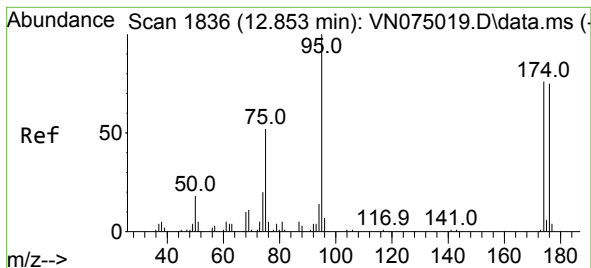
Tgt Ion: 98 Resp: 213961
Ion Ratio Lower Upper
98 100
100 64.0 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 0.481 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.124 min
Lab File: VN075110.D
Acq: 02 Nov 2022 12:16

Tgt Ion: 43 Resp: 851
Ion Ratio Lower Upper
43 100
58 202.9 33.6 50.4#

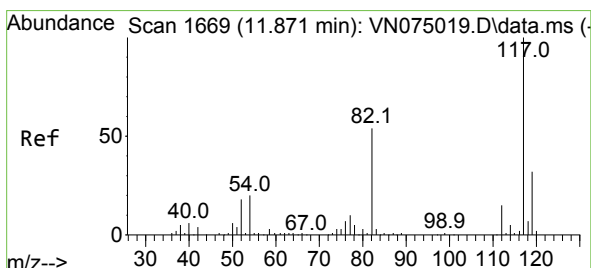
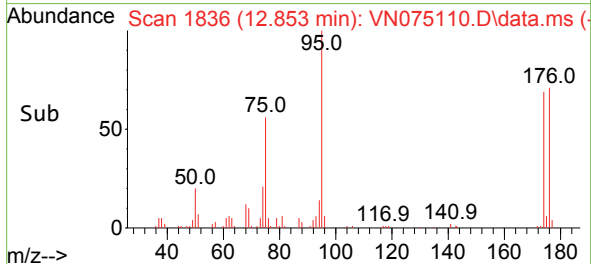
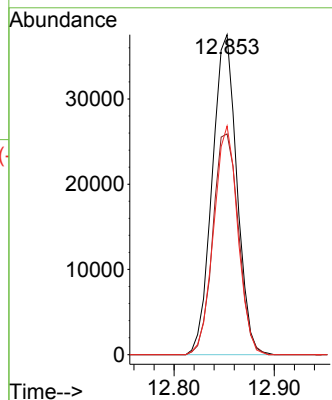
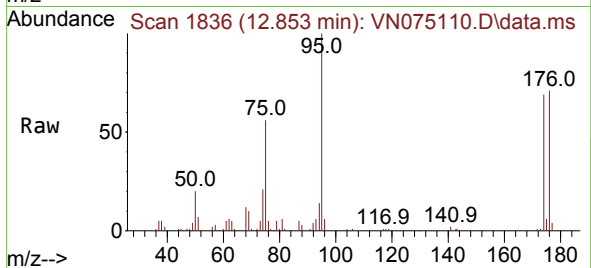




#62
4-Bromofluorobenzene
Concen: 45.229 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075110.D
Acq: 02 Nov 2022 12:16

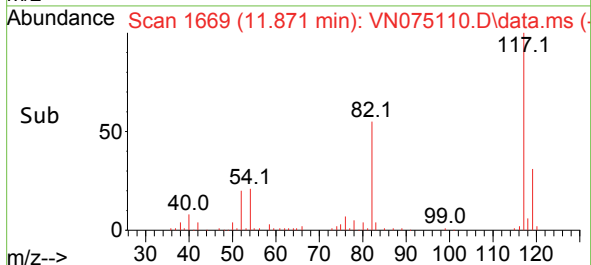
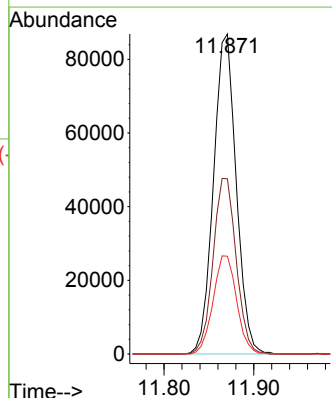
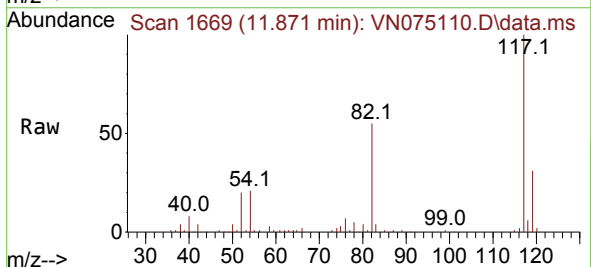
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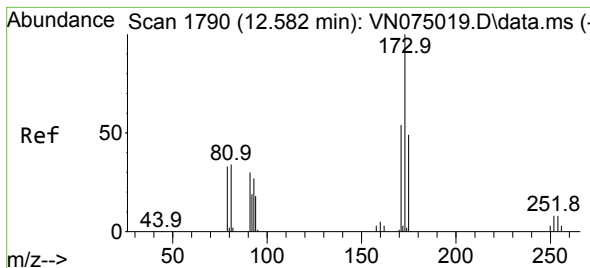
Tgt Ion: 95 Resp: 64163
Ion Ratio Lower Upper
95 100
174 71.7 0.0 147.4
176 70.1 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN075110.D
Acq: 02 Nov 2022 12:16

Tgt Ion: 117 Resp: 152636
Ion Ratio Lower Upper
117 100
82 54.8 43.1 64.7
119 30.6 25.5 38.3





#71

Bromoform

Concen: 0.463 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.265 min

Lab File: VN075110.D

Acq: 02 Nov 2022 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN1102WBL01

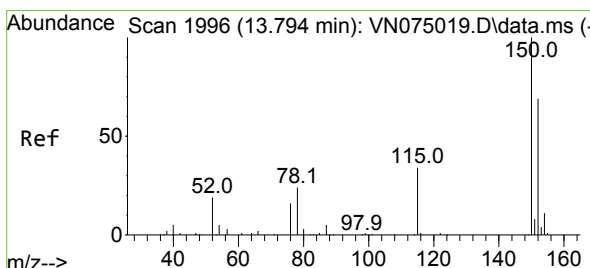
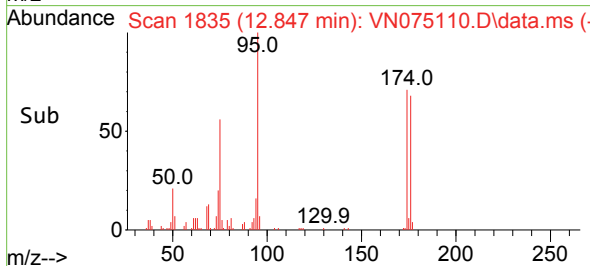
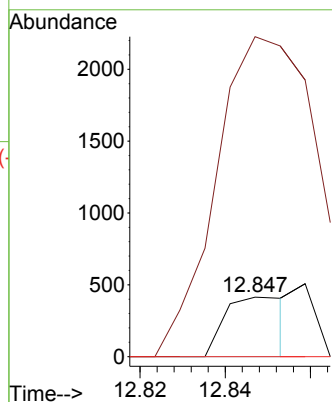
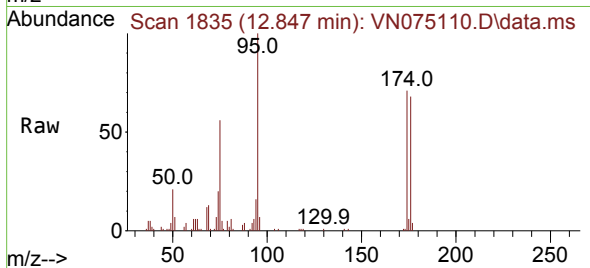
Tgt Ion:173 Resp: 419

Ion Ratio Lower Upper

173 100

175 780.9 24.6 74.0#

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: VN075110.D

Acq: 02 Nov 2022 12:16

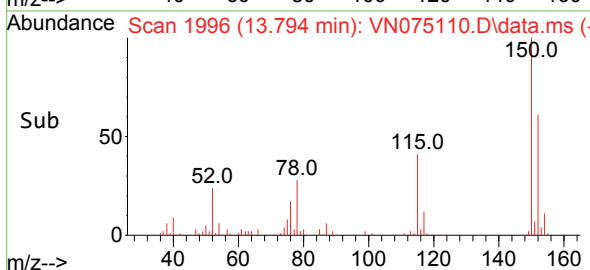
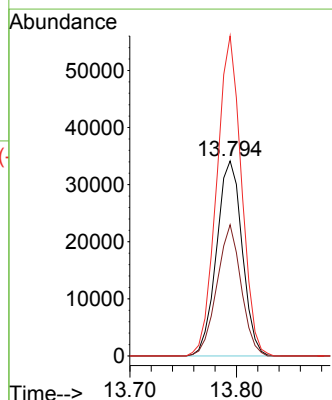
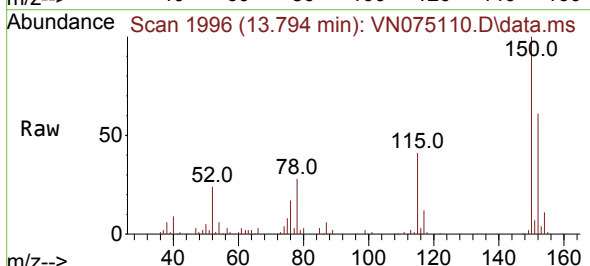
Tgt Ion:152 Resp: 56978

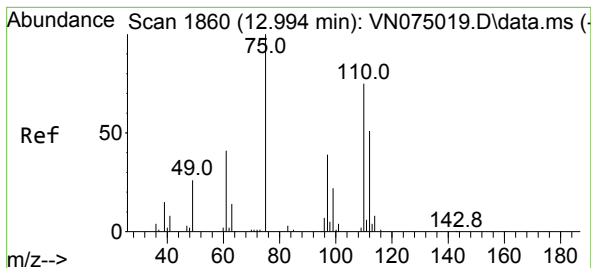
Ion Ratio Lower Upper

152 100

115 63.6 30.2 90.6

150 158.7 0.0 348.4





#76

1,2,3-Trichloropropane

Concen: 29.677 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN075110.D

Acq: 02 Nov 2022 12:16

Instrument :

MSVOA_N

ClientSampleId :

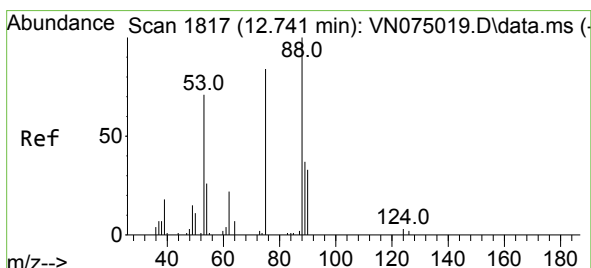
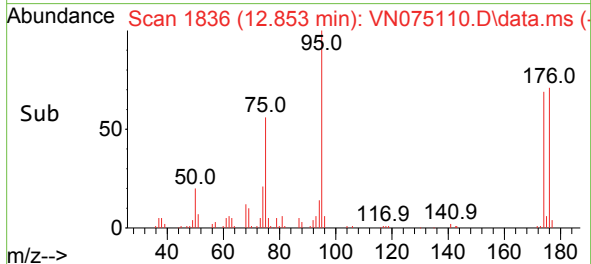
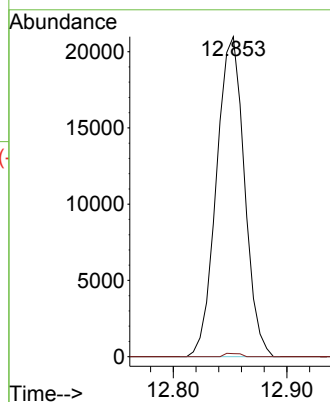
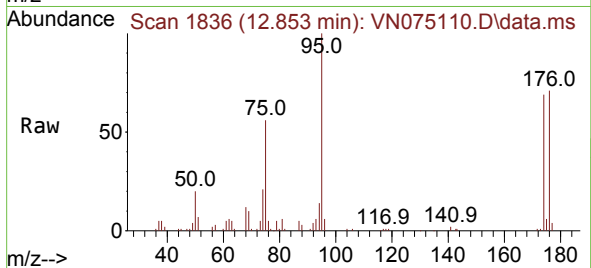
VN1102WBL01

Tgt Ion: 75 Resp: 35903

Ion Ratio Lower Upper

75 100

77 0.6 75.6 226.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.180 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.112 min

Lab File: VN075110.D

Acq: 02 Nov 2022 12:16

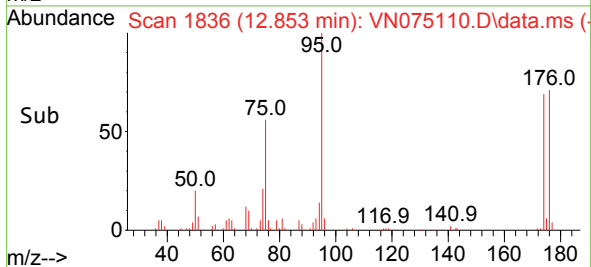
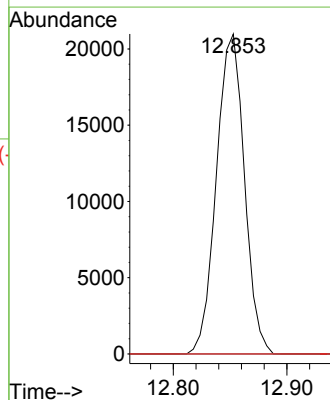
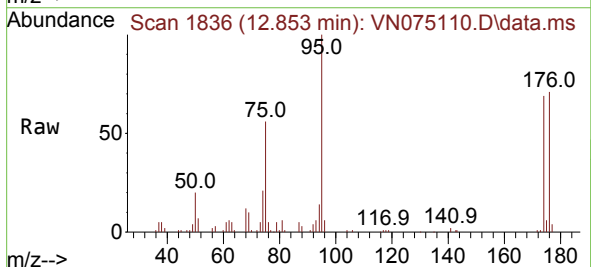
Tgt Ion: 75 Resp: 35903

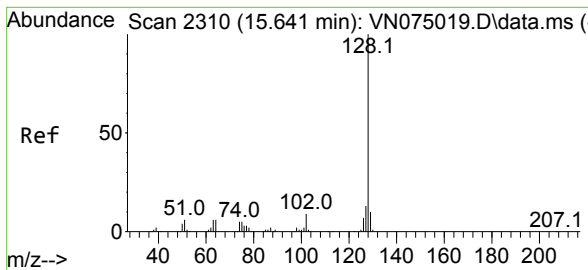
Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

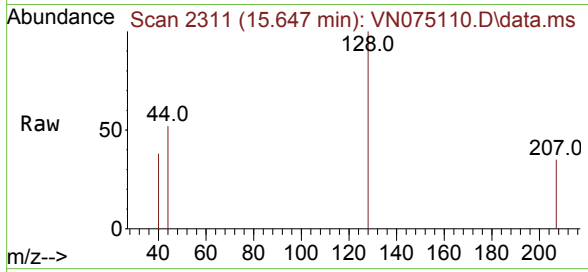
89 0.0 37.7 56.5#





#95
 Naphthalene
 Concen: 0.280 ug/l
 RT: 15.647 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN075110.D
 Acq: 02 Nov 2022 12:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBL01



Tgt Ion:	128	Resp:	908
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.6	12.8#

