

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110422\
 Data File : VN075166.D
 Acq On : 04 Nov 2022 11:29
 Operator : JC\MD
 Sample : VN1104WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBL01

Quant Time: Nov 05 06:55:49 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)

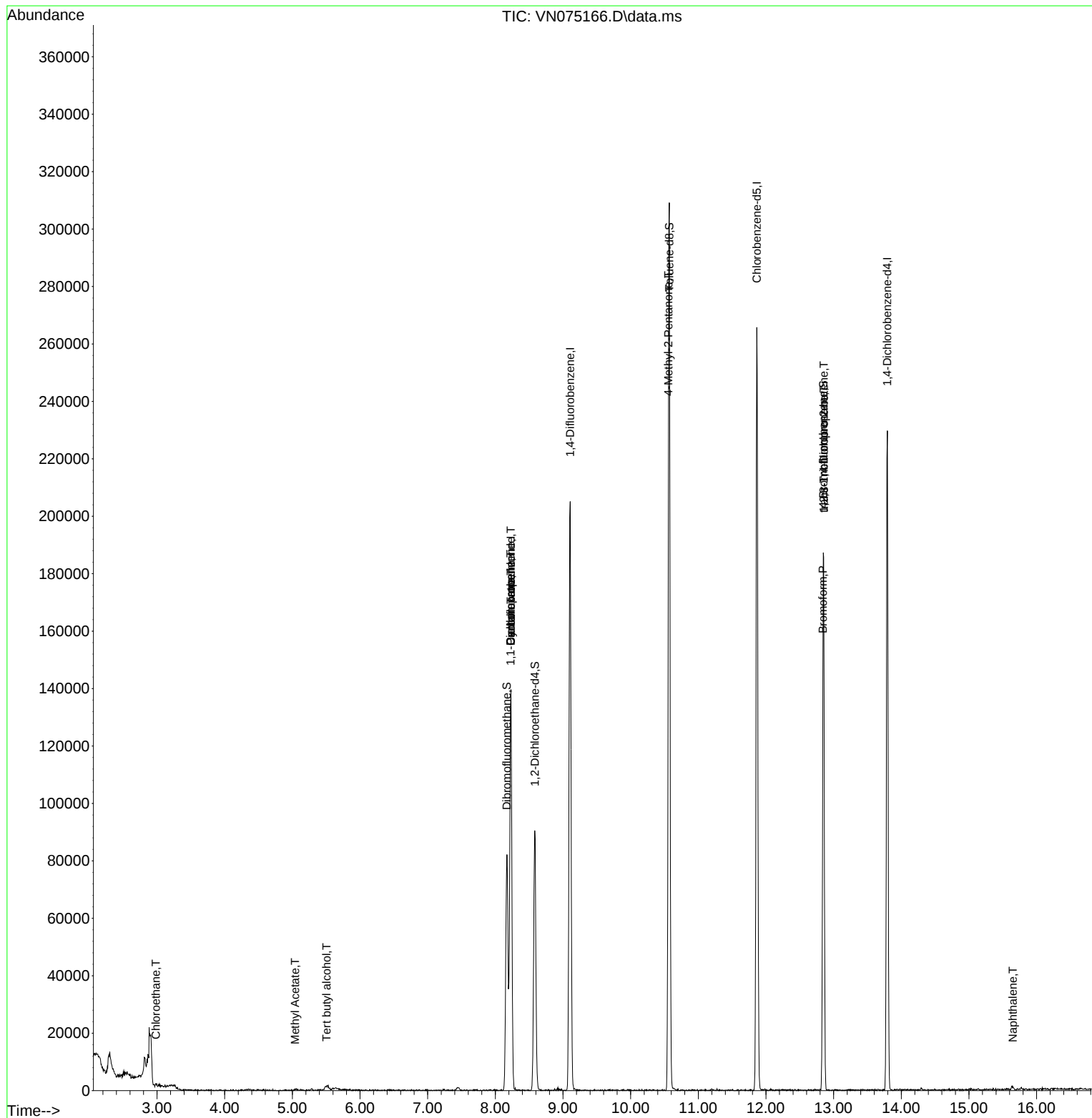
Internal Standards						
1) Pentafluorobenzene	8.230	168	95705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	180287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	154107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	59993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	76239	59.122	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.240%			
35) Dibromofluoromethane	8.171	113	59158	55.895	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.800%			
50) Toluene-d8	10.571	98	214550	52.250	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.500%			
62) 4-Bromofluorobenzene	12.847	95	63956	44.339	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.680%			
Target Compounds						Qvalue
5) Bromomethane	2.918	94	597	Below Cal		85
6) Chloroethane	2.983	64	355	0.262 ug/l #		45
11) Tert butyl alcohol	5.506	59	1756	5.839 ug/l #		72
18) Methyl Acetate	5.042	43	607	0.340 ug/l #		47
31) Cyclohexane	8.230	56	2219	1.157 ug/l #		1
36) 1,1-Dichloropropene	8.224	75	8459	5.162 ug/l #		50
38) Carbon Tetrachloride	8.230	117	10755	5.967 ug/l #		15
51) 4-Methyl-2-Pentanone	10.559	43	907	0.504 ug/l #		1
71) Bromoform	12.841	173	436	0.477 ug/l #		1
76) 1,2,3-Trichloropropane	12.853	75	35921	28.200 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.853	75	35921	72.388 ug/l #		10
95) Naphthalene	15.647	128	1453	0.425 ug/l #		69

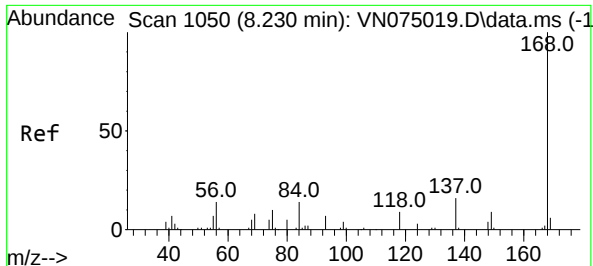
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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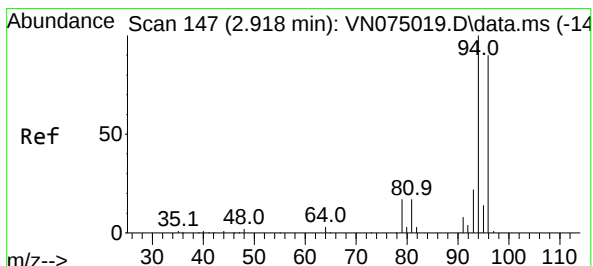
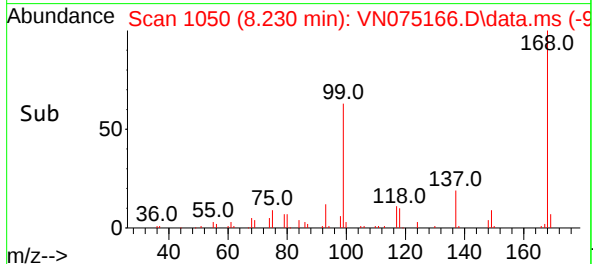
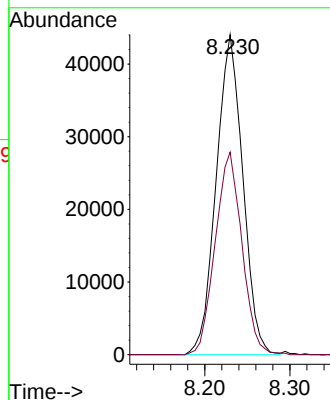
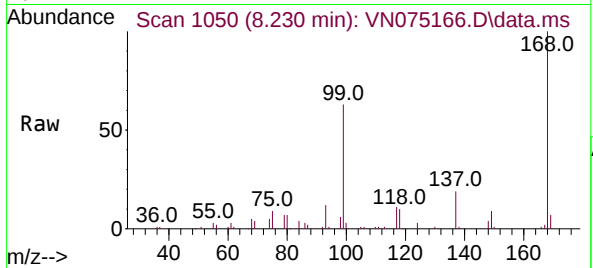




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075166.D
Acq: 04 Nov 2022 11:29

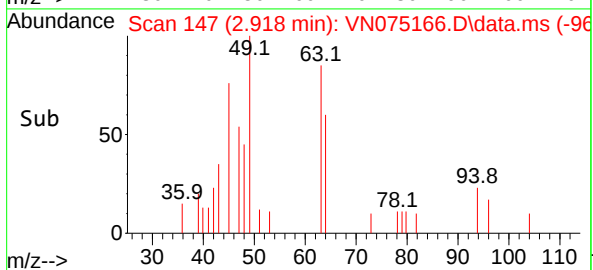
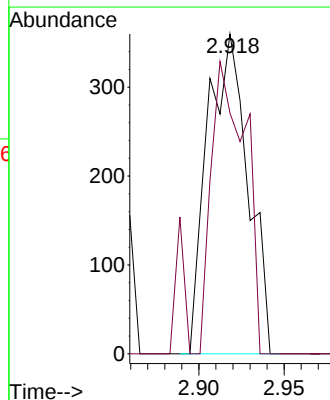
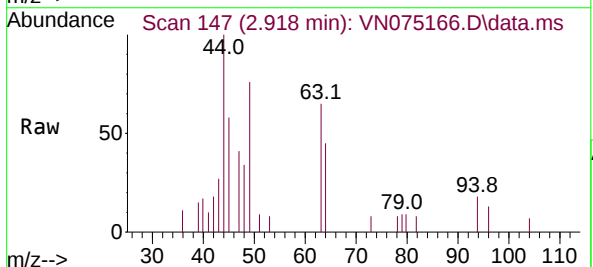
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBL01

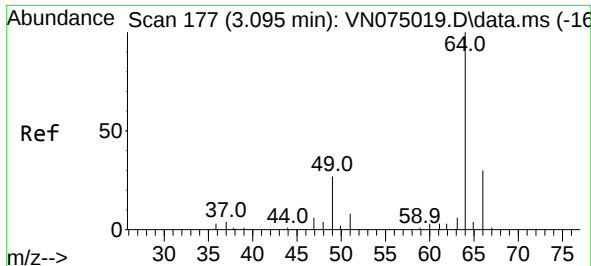
Tgt Ion:168 Resp: 95705
Ion Ratio Lower Upper
168 100
99 63.3 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075166.D
Acq: 04 Nov 2022 11:29

Tgt Ion: 94 Resp: 597
Ion Ratio Lower Upper
94 100
96 75.3 71.8 107.6

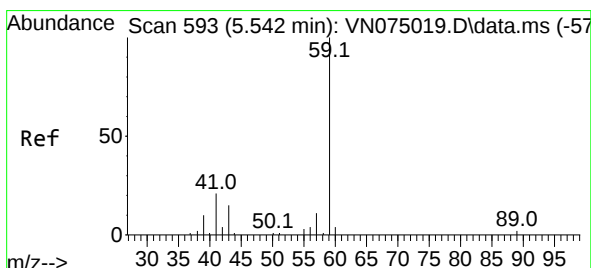
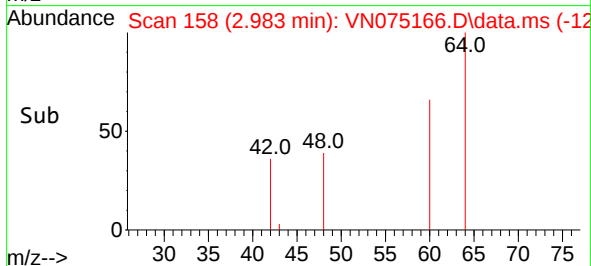
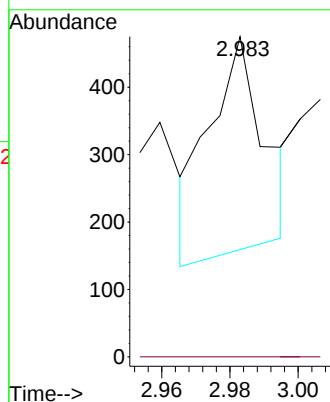
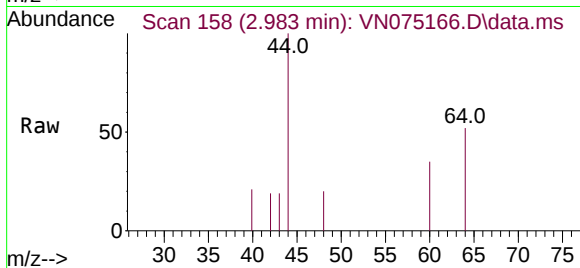




#6
Chloroethane
Concen: 0.262 ug/l
RT: 2.983 min Scan# 11
Delta R.T. -0.112 min
Lab File: VN075166.D
Acq: 04 Nov 2022 11:29

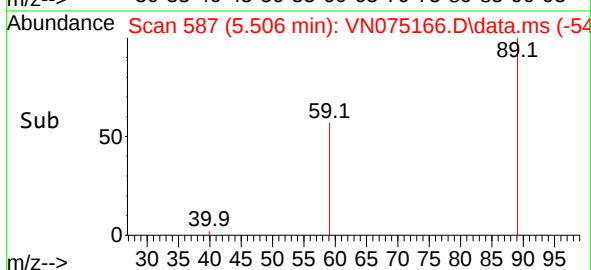
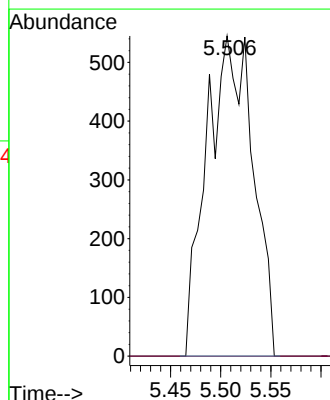
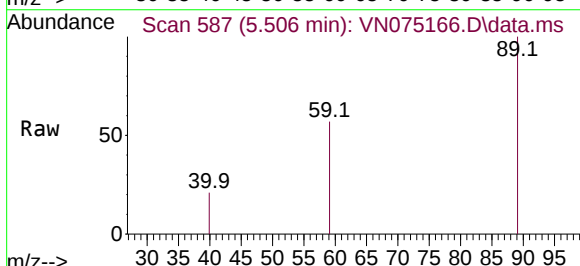
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBL01

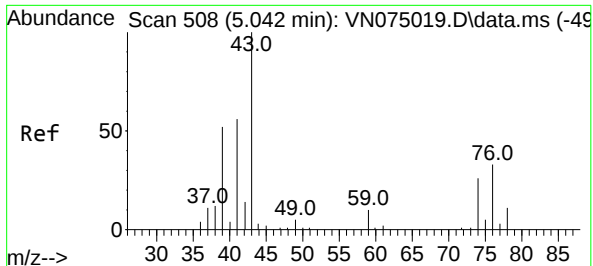
Tgt Ion: 64 Resp: 355
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 5.839 ug/l
RT: 5.506 min Scan# 587
Delta R.T. -0.036 min
Lab File: VN075166.D
Acq: 04 Nov 2022 11:29

Tgt Ion: 59 Resp: 1756
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

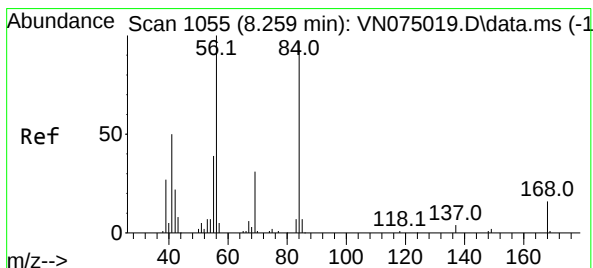
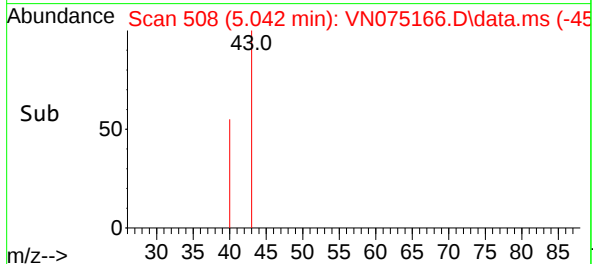
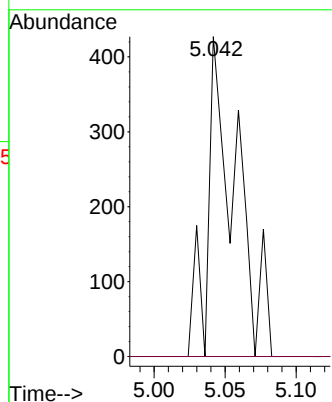
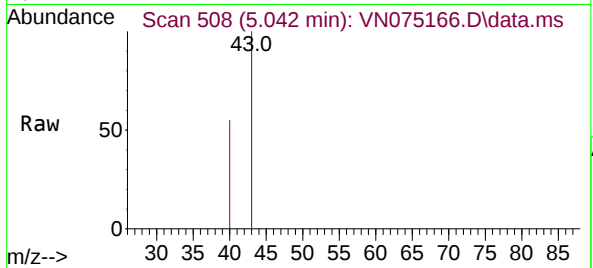




#18
Methyl Acetate
Concen: 0.340 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN075166.D
Acq: 04 Nov 2022 11:29

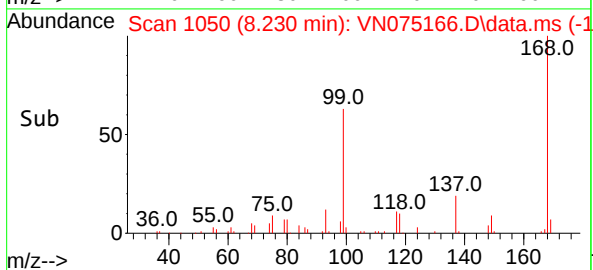
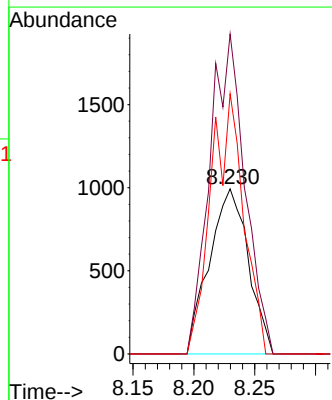
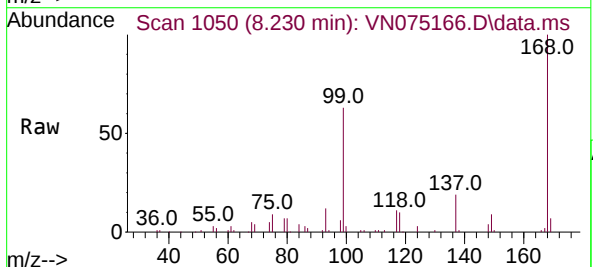
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBL01

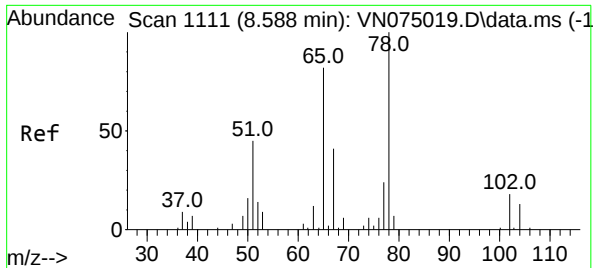
Tgt Ion: 43 Resp: 607
Ion Ratio Lower Upper
43 100
74 0.0 22.0 33.0#



#31
Cyclohexane
Concen: 1.157 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN075166.D
Acq: 04 Nov 2022 11:29

Tgt Ion: 56 Resp: 2219
Ion Ratio Lower Upper
56 100
69 193.9 25.2 37.8#
84 157.6 77.8 116.8#





#33

1,2-Dichloroethane-d4

Concen: 59.122 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075166.D

Acq: 04 Nov 2022 11:29

Instrument :

MSVOA_N

ClientSampleId :

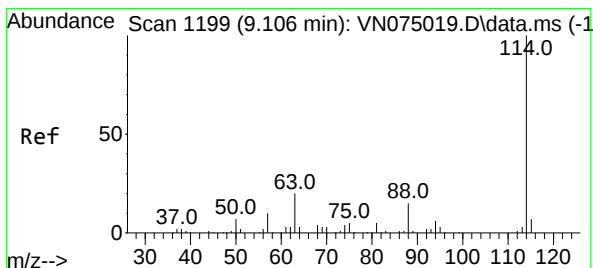
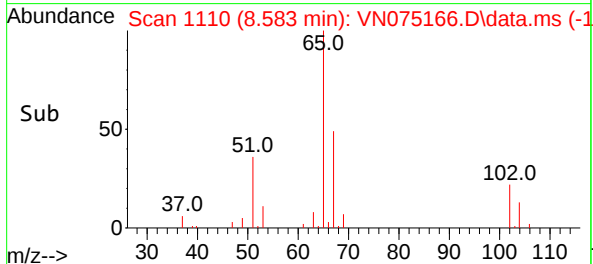
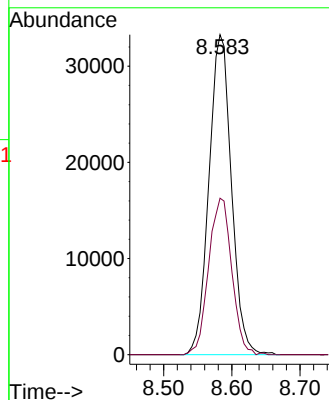
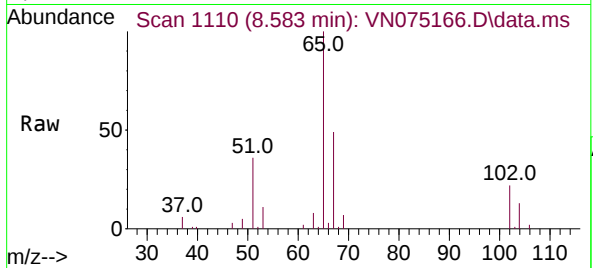
VN1104WBL01

Tgt Ion: 65 Resp: 76239

Ion Ratio Lower Upper

65 100

67 50.4 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: VN075166.D

Acq: 04 Nov 2022 11:29

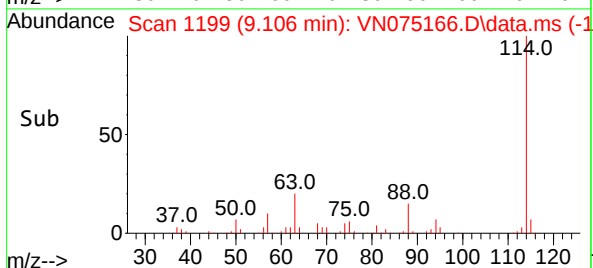
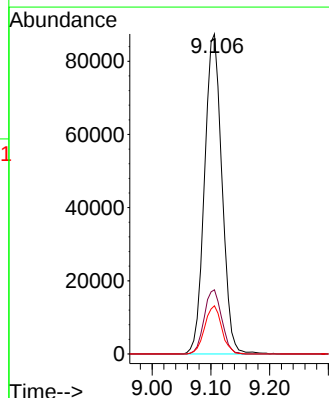
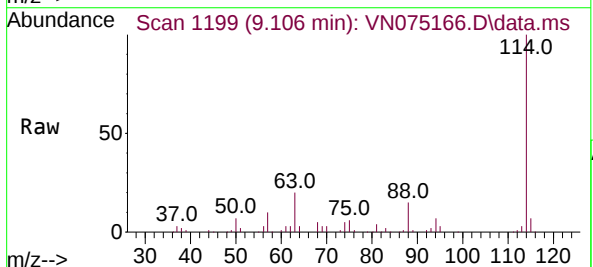
Tgt Ion: 114 Resp: 180287

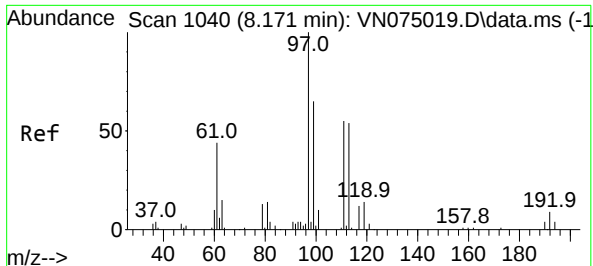
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

88 15.1 0.0 29.0





#35

Dibromofluoromethane

Concen: 55.895 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075166.D

Acq: 04 Nov 2022 11:29

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBL01

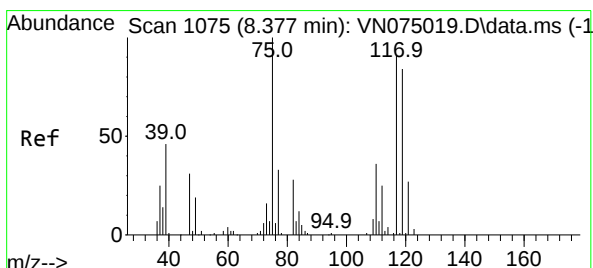
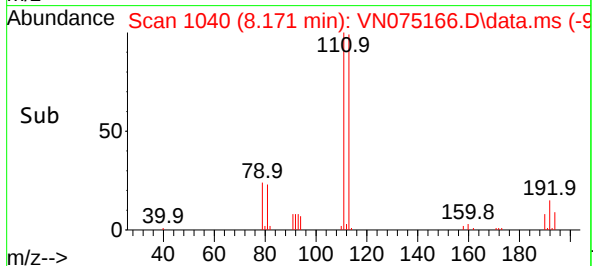
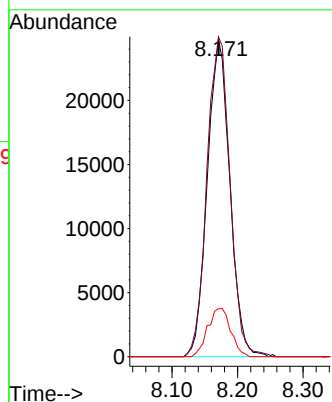
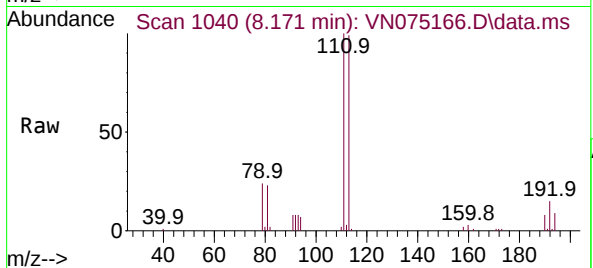
Tgt Ion:113 Resp: 59158

Ion Ratio Lower Upper

113 100

111 103.2 80.5 120.7

192 15.5 13.2 19.8



#36

1,1-Dichloropropene

Concen: 5.162 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.153 min

Lab File: VN075166.D

Acq: 04 Nov 2022 11:29

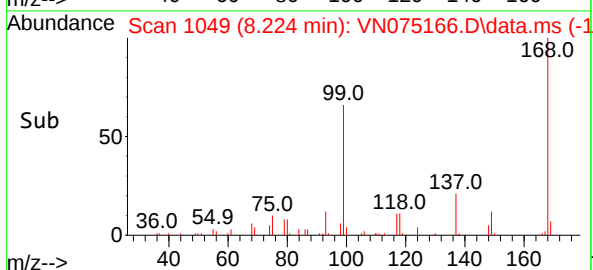
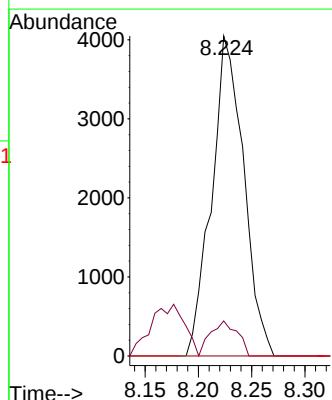
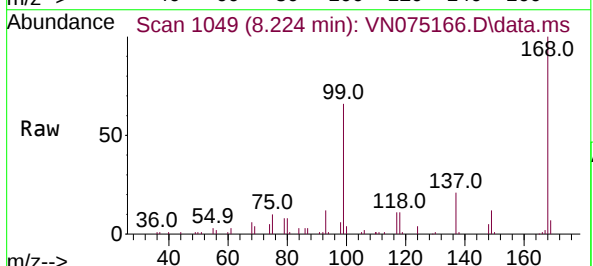
Tgt Ion: 75 Resp: 8459

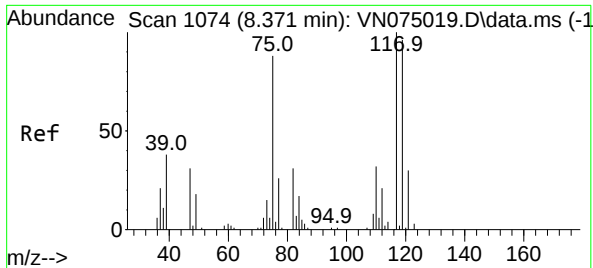
Ion Ratio Lower Upper

75 100

110 9.2 17.8 53.3#

77 0.0 24.6 37.0#

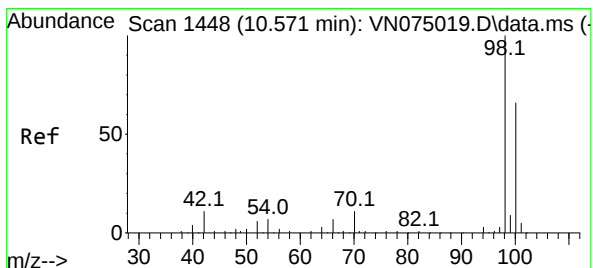
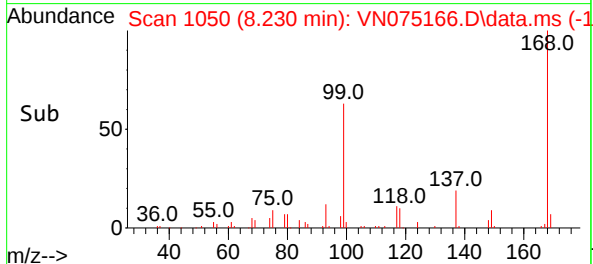
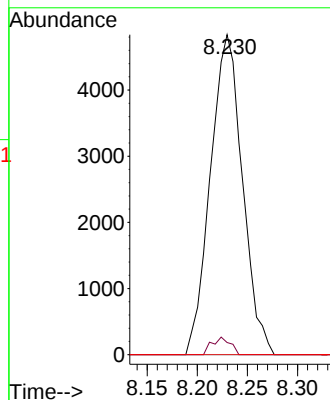
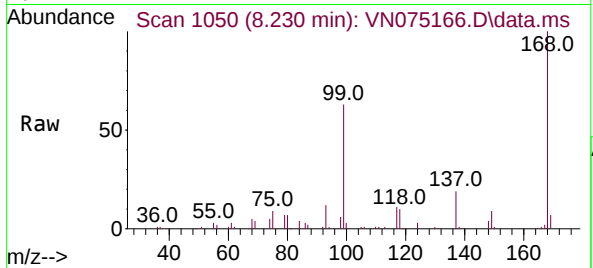




#38
Carbon Tetrachloride
Concen: 5.967 ug/l
RT: 8.230 min Scan# 1075
Delta R.T. -0.141 min
Lab File: VN075166.D
Acq: 04 Nov 2022 11:29

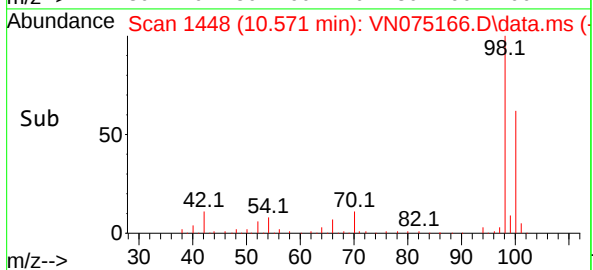
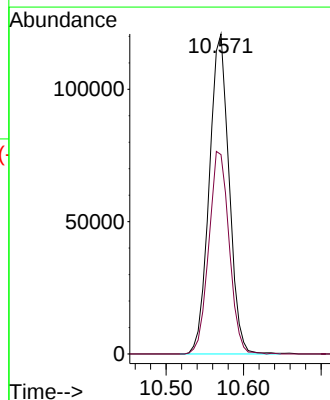
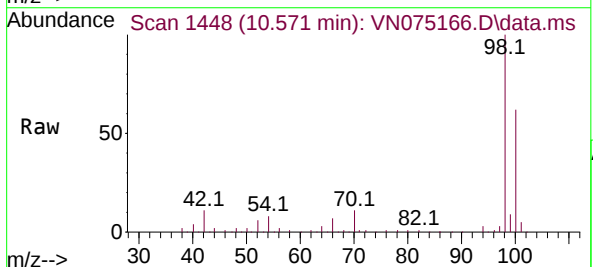
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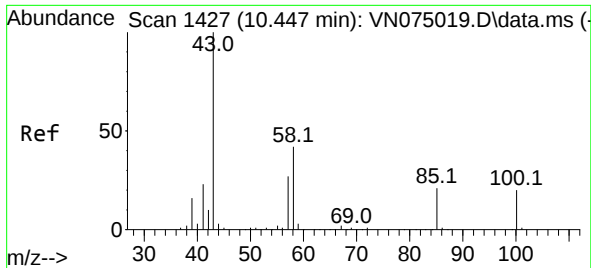
Tgt Ion:117 Resp: 10755
Ion Ratio Lower Upper
117 100
119 3.8 76.7 115.1#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 52.250 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075166.D
Acq: 04 Nov 2022 11:29

Tgt Ion: 98 Resp: 214550
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 0.504 ug/l

RT: 10.559 min Scan# 1427

Delta R.T. 0.112 min

Lab File: VN075166.D

Acq: 04 Nov 2022 11:29

Instrument :

MSVOA_N

ClientSampleId :

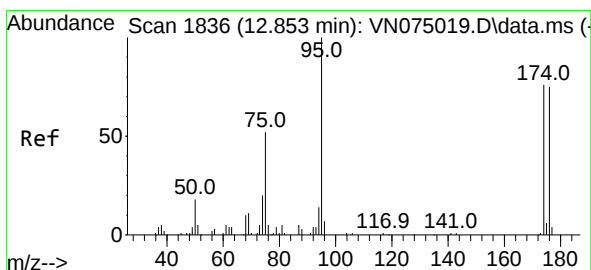
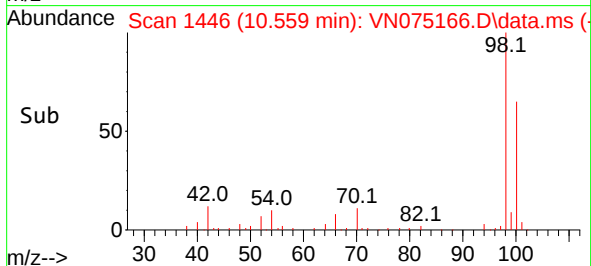
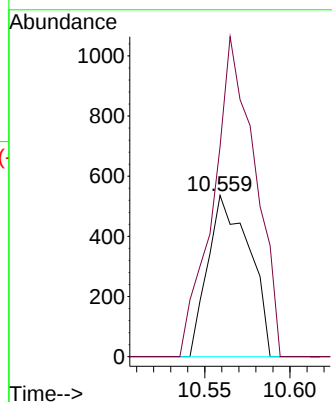
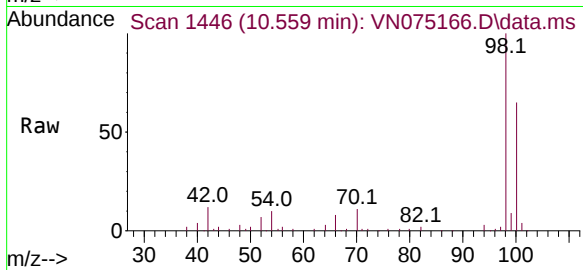
VN1104WBL01

Tgt Ion: 43 Resp: 907

Ion Ratio Lower Upper

43 100

58 200.4 33.6 50.4#



#62

4-Bromofluorobenzene

Concen: 44.339 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. -0.006 min

Lab File: VN075166.D

Acq: 04 Nov 2022 11:29

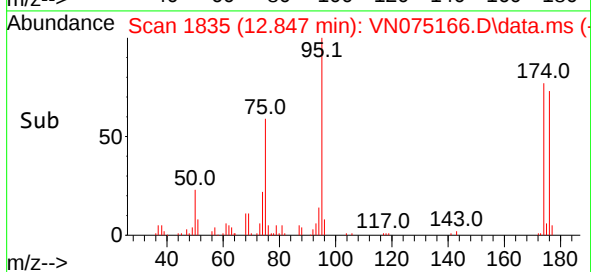
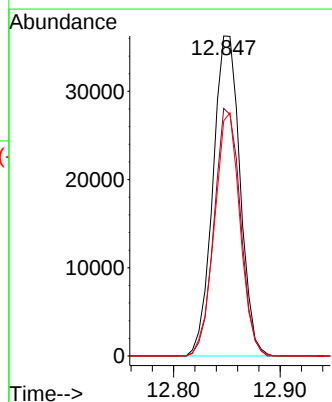
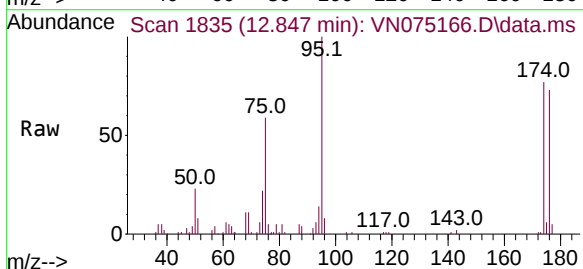
Tgt Ion: 95 Resp: 63956

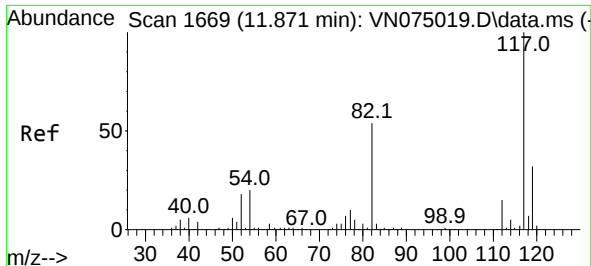
Ion Ratio Lower Upper

95 100

174 74.9 0.0 147.4

176 72.0 0.0 142.2

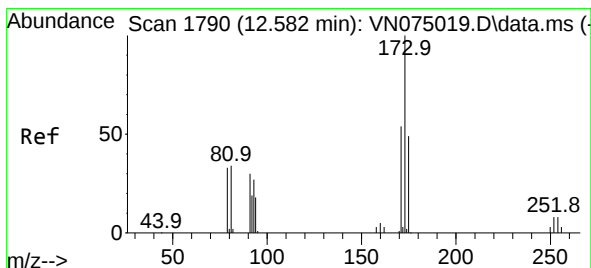
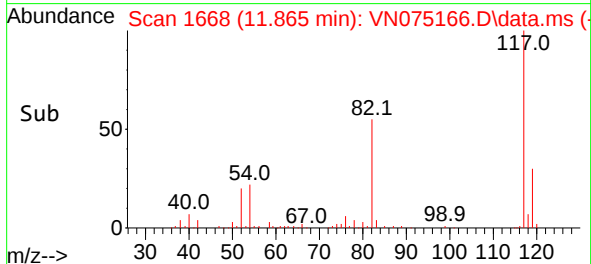
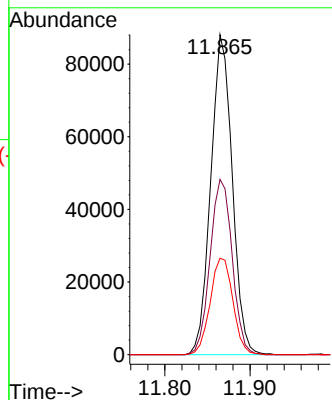
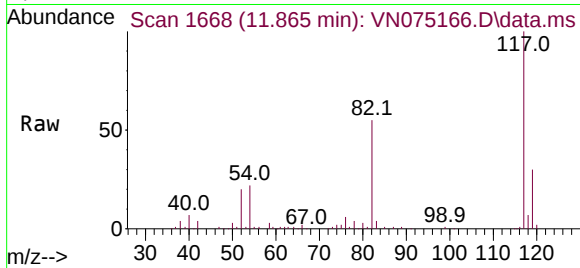




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075166.D
Acq: 04 Nov 2022 11:29

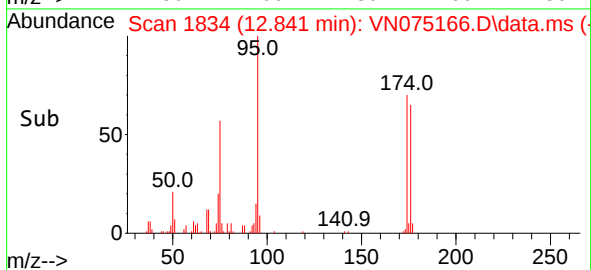
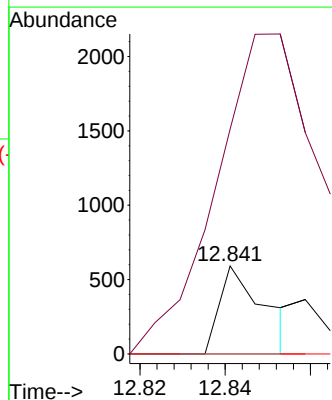
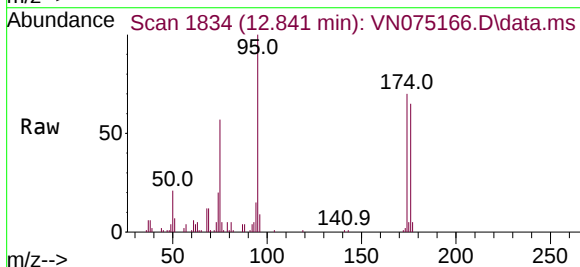
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBL01

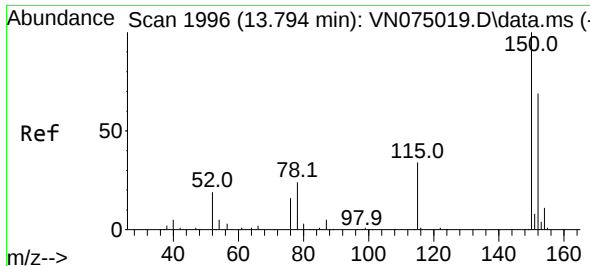
Tgt Ion:117 Resp: 154107
Ion Ratio Lower Upper
117 100
82 54.8 43.1 64.7
119 30.1 25.5 38.3



#71
Bromoform
Concen: 0.477 ug/l
RT: 12.841 min Scan# 1834
Delta R.T. 0.259 min
Lab File: VN075166.D
Acq: 04 Nov 2022 11:29

Tgt Ion:173 Resp: 436
Ion Ratio Lower Upper
173 100
175 705.0 24.6 74.0#
254 0.0 0.0 0.0

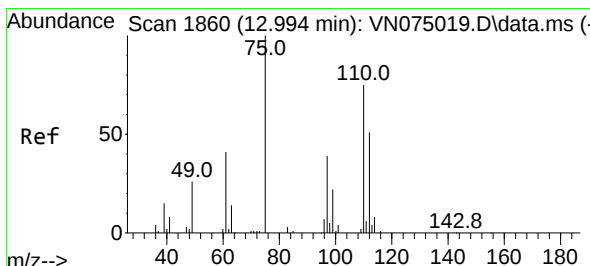
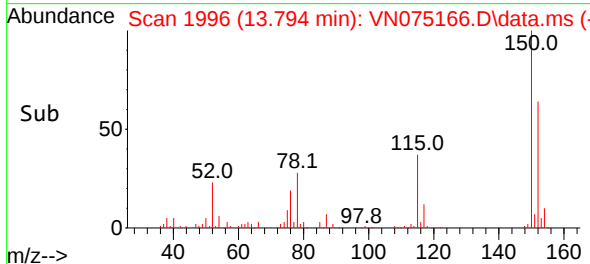
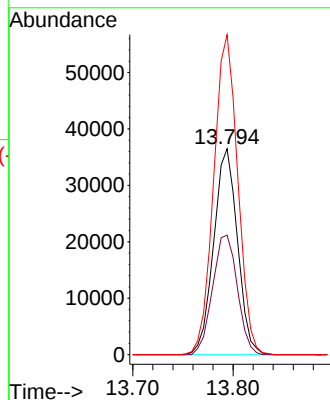
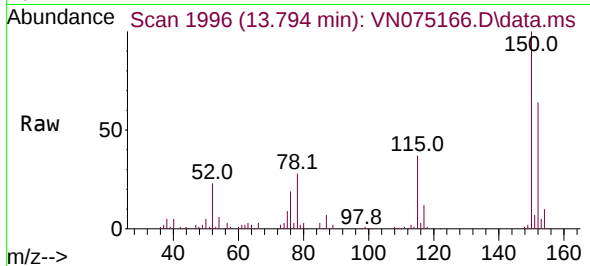




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN075166.D
 Acq: 04 Nov 2022 11:29

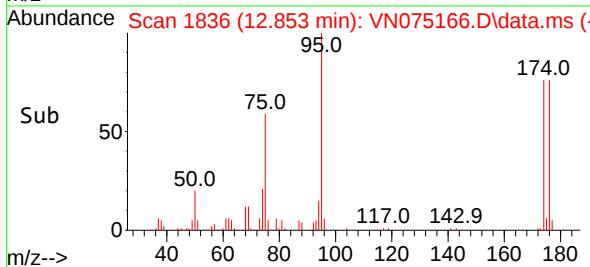
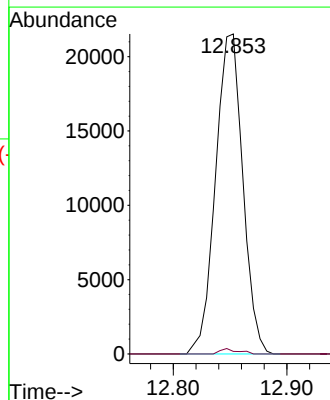
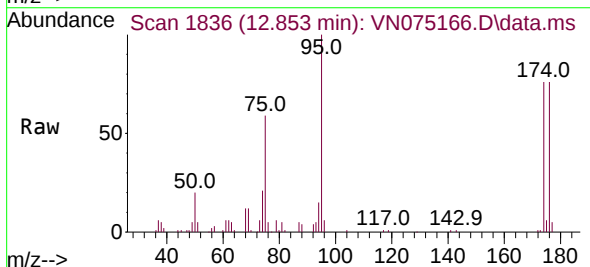
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBL01

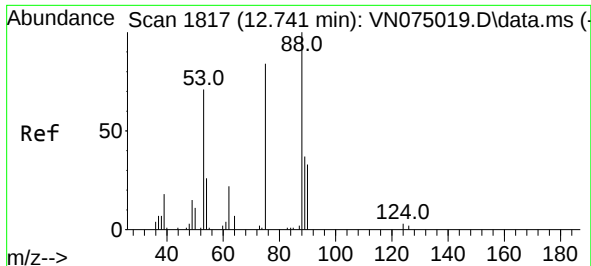
Tgt Ion:152 Resp: 59993
 Ion Ratio Lower Upper
 152 100
 115 60.4 30.2 90.6
 150 157.0 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 28.200 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN075166.D
 Acq: 04 Nov 2022 11:29

Tgt Ion: 75 Resp: 35921
 Ion Ratio Lower Upper
 75 100
 77 1.1 75.6 226.8#

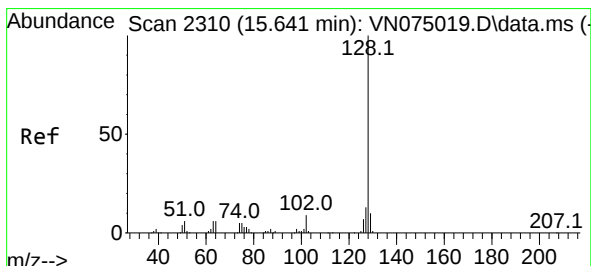
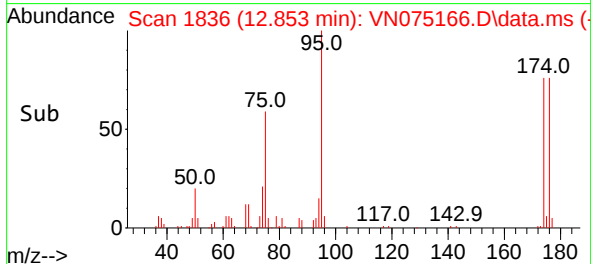
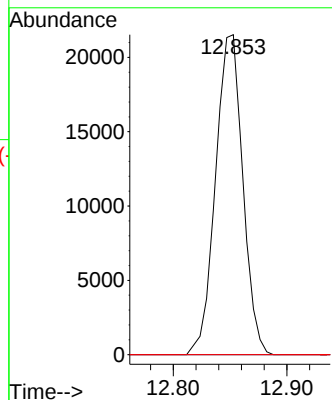
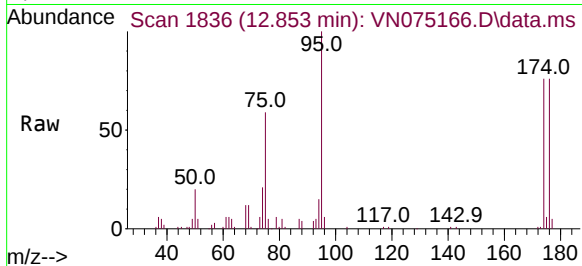




#81
trans-1,4-Dichloro-2-butene
Concen: 72.388 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075166.D
Acq: 04 Nov 2022 11:29

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBL01

Tgt Ion: 75 Resp: 35921
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#



#95
Naphthalene
Concen: 0.425 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075166.D
Acq: 04 Nov 2022 11:29

Tgt Ion: 128 Resp: 1453
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.6 12.8#

