

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111122\
 Data File : VN075240.D
 Acq On : 11 Nov 2022 11:46
 Operator : JC\MD
 Sample : VN1111WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBL01

Quant Time: Nov 14 03:43:25 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)

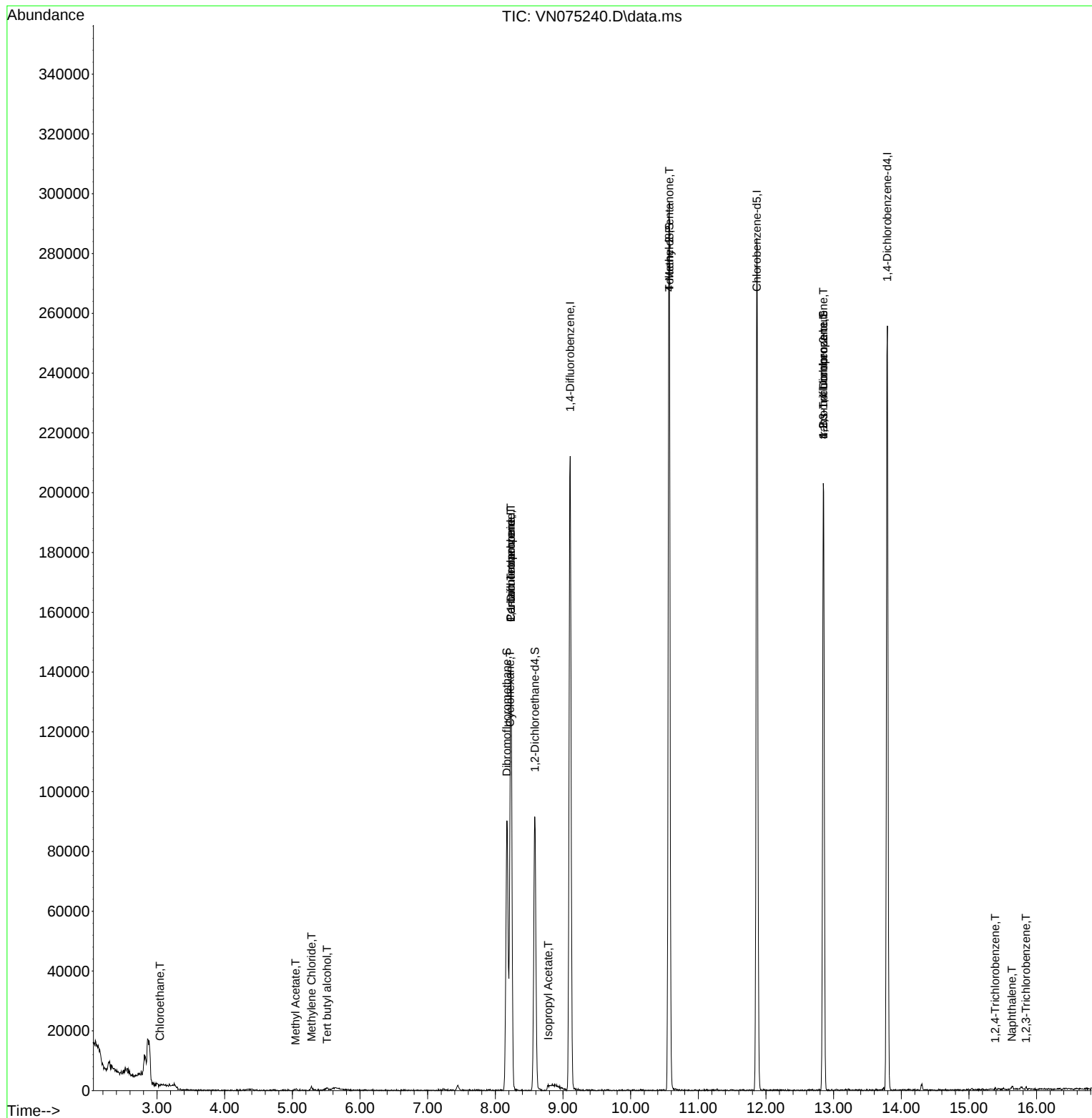
Internal Standards						
1) Pentafluorobenzene	8.230	168	103561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	192839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	166326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	70125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	74683	53.522	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.040%	
35) Dibromofluoromethane	8.171	113	64157	56.673	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 113.340%	
50) Toluene-d8	10.571	98	215451	49.054	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.100%	
62) 4-Bromofluorobenzene	12.847	95	72547	47.021	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.040%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.912	94	83	Below Cal	#	5
6) Chloroethane	3.042	64	462	0.316	ug/l #	45
11) Tert butyl alcohol	5.512	59	225	0.691	ug/l #	72
18) Methyl Acetate	5.047	43	997	0.517	ug/l #	47
20) Methylene Chloride	5.283	84	558	0.424	ug/l #	71
31) Cyclohexane	8.218	56	2243	1.081	ug/l #	62
36) 1,1-Dichloropropene	8.230	75	8252	4.708	ug/l #	50
38) Carbon Tetrachloride	8.230	117	11423	5.925	ug/l #	16
43) Isopropyl Acetate	8.782	43	1317	0.442	ug/l #	53
51) 4-Methyl-2-Pentanone	10.571	43	896	0.466	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	39116	26.271	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	39116	67.437	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.388	180	214	0.206	ug/l #	69
95) Naphthalene	15.635	128	1857	0.465	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.841	180	316	0.306	ug/l #	70

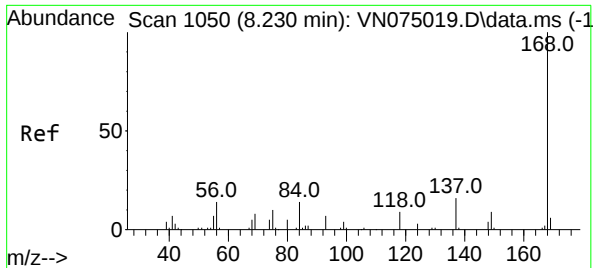
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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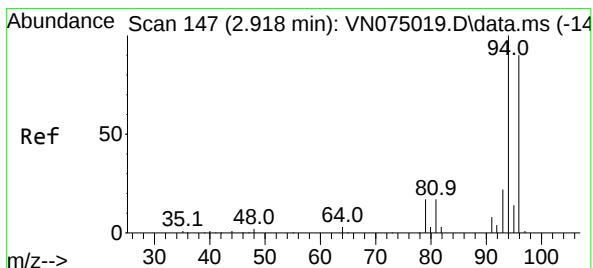
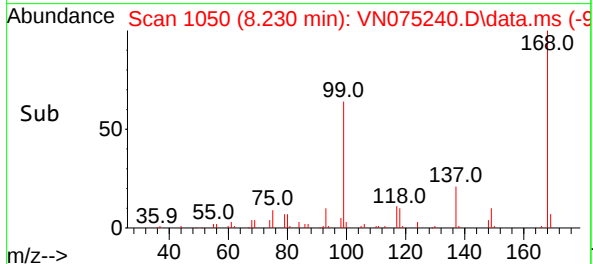
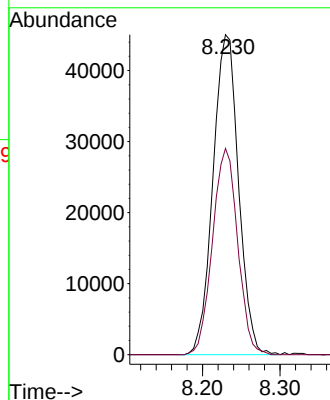
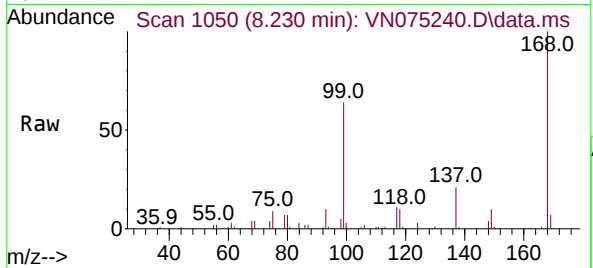




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075240.D
Acq: 11 Nov 2022 11:46

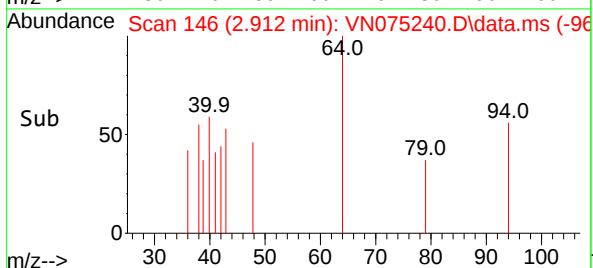
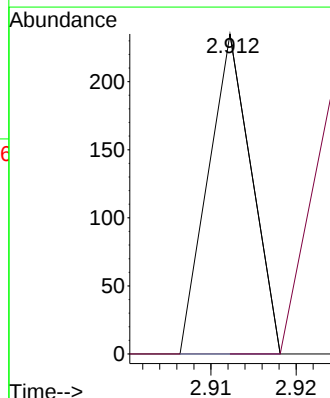
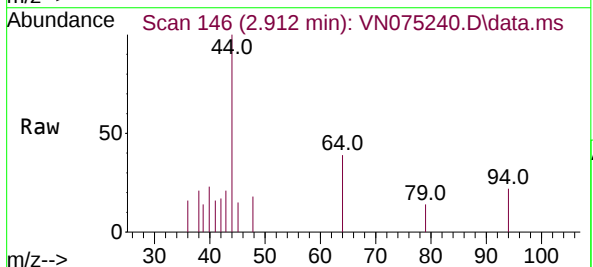
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBL01

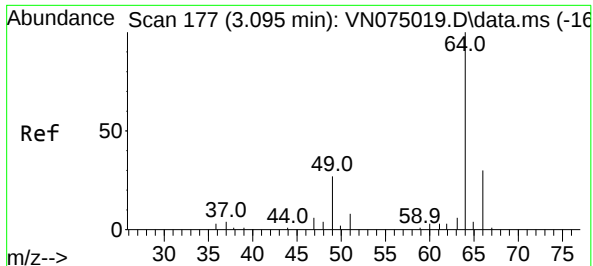
Tgt Ion:168 Resp: 103561
Ion Ratio Lower Upper
168 100
99 64.5 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.912 min Scan# 146
Delta R.T. -0.006 min
Lab File: VN075240.D
Acq: 11 Nov 2022 11:46

Tgt Ion: 94 Resp: 83
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#

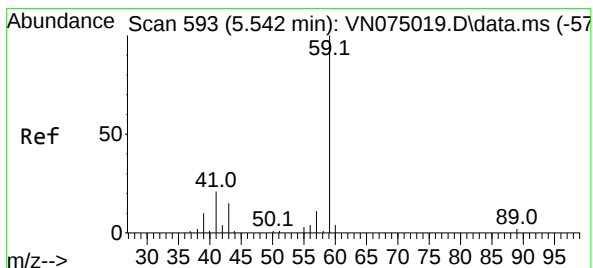
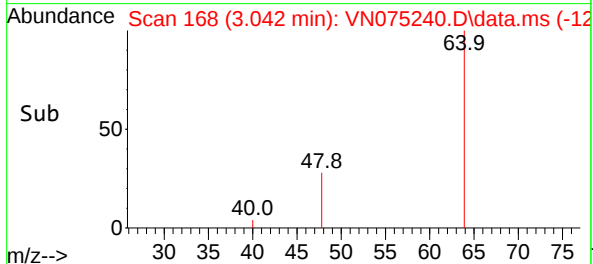
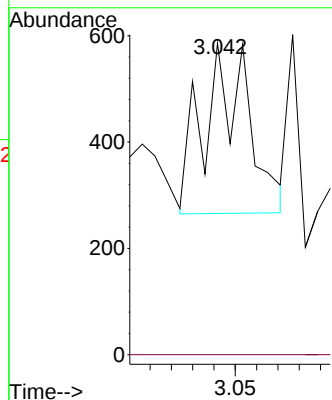
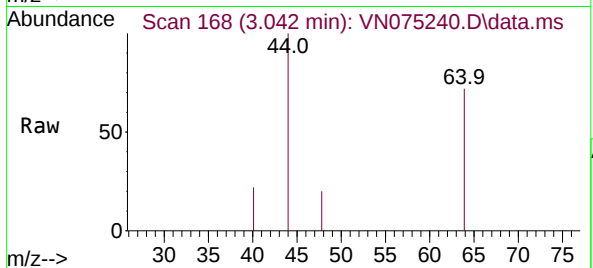




#6
Chloroethane
Concen: 0.316 ug/l
RT: 3.042 min Scan# 11
Delta R.T. -0.053 min
Lab File: VN075240.D
Acq: 11 Nov 2022 11:46

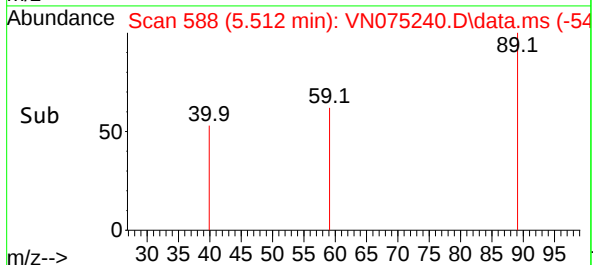
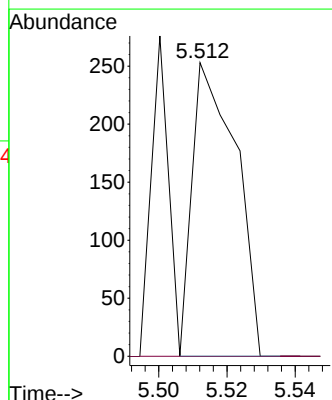
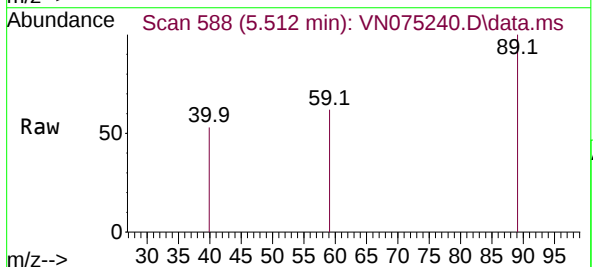
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBL01

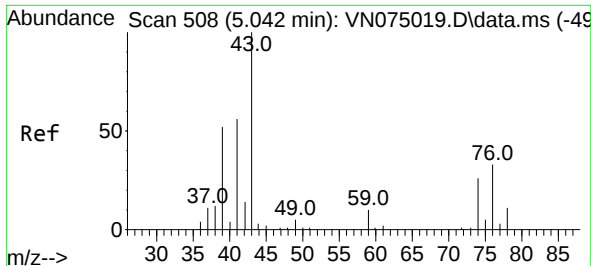
Tgt Ion: 64 Resp: 462
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 0.691 ug/l
RT: 5.512 min Scan# 588
Delta R.T. -0.030 min
Lab File: VN075240.D
Acq: 11 Nov 2022 11:46

Tgt Ion: 59 Resp: 225
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

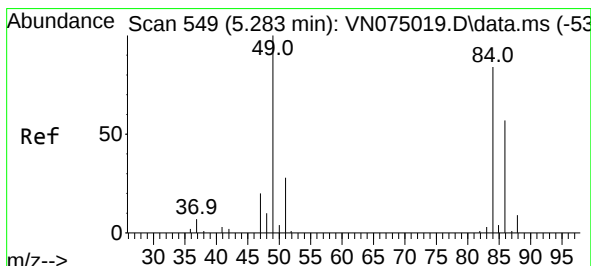
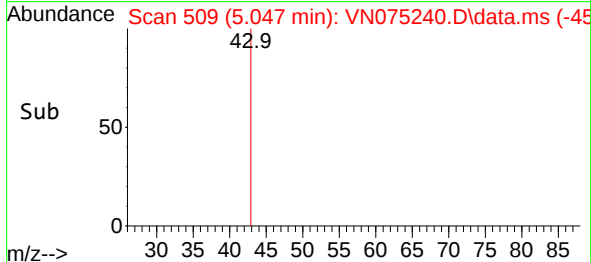
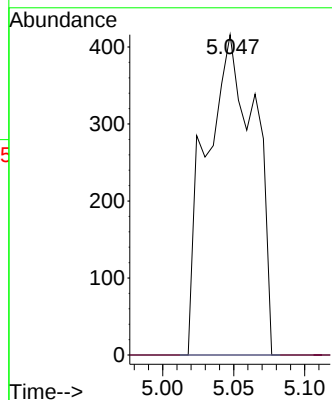
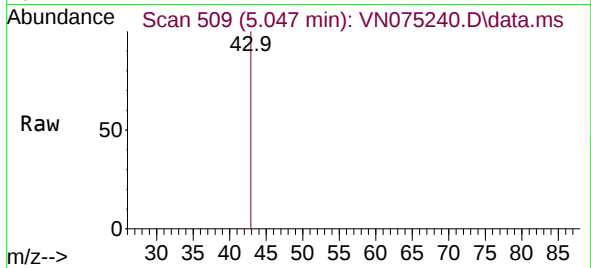




#18
Methyl Acetate
Concen: 0.517 ug/l
RT: 5.047 min Scan# 508
Delta R.T. 0.005 min
Lab File: VN075240.D
Acq: 11 Nov 2022 11:46

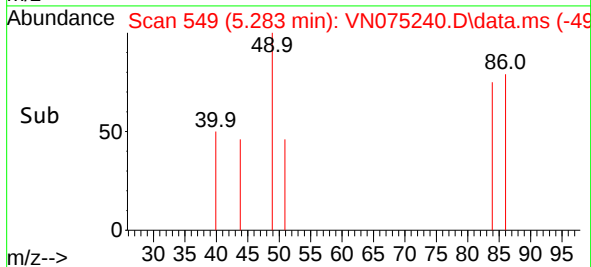
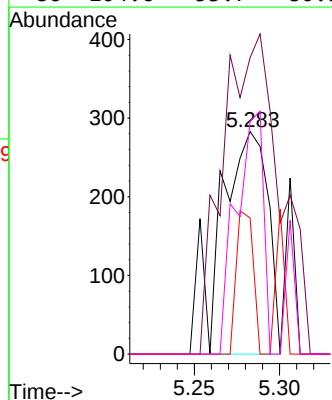
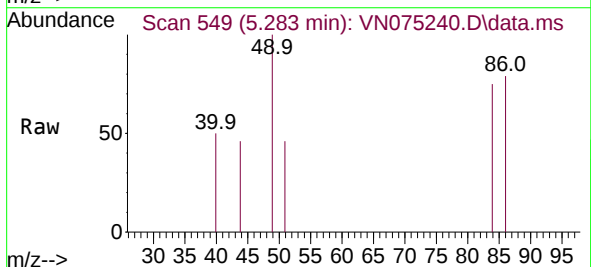
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBL01

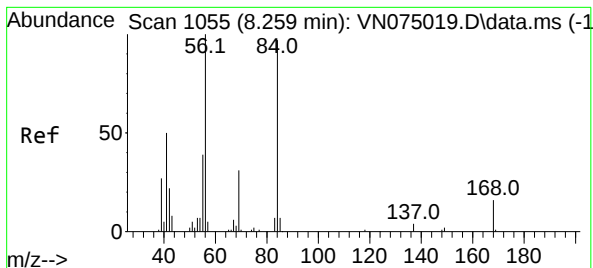
Tgt Ion: 43 Resp: 997
Ion Ratio Lower Upper
43 100
74 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: 0.424 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075240.D
Acq: 11 Nov 2022 11:46

Tgt Ion: 84 Resp: 558
Ion Ratio Lower Upper
84 100
49 133.2 94.9 142.3
51 61.1 26.8 40.2#
86 104.6 53.7 80.5#





#31

Cyclohexane

Concen: 1.081 ug/l

RT: 8.218 min Scan# 1100

Delta R.T. -0.041 min

Lab File: VN075240.D

Acq: 11 Nov 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBL01

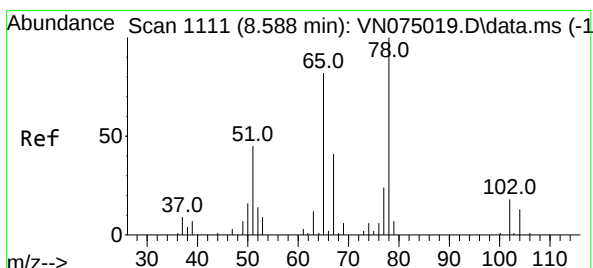
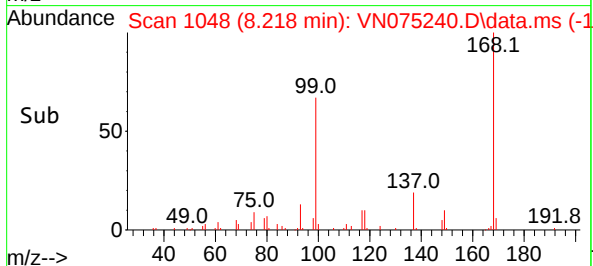
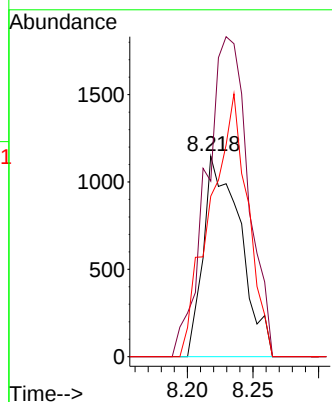
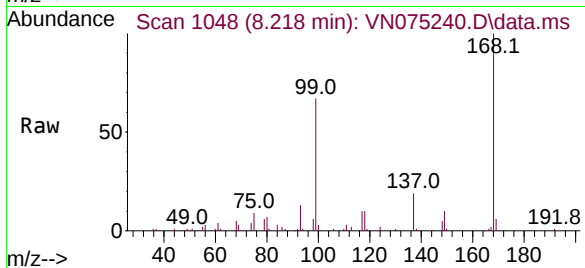
Tgt Ion: 56 Resp: 2243

Ion Ratio Lower Upper

56 100

69 87.5 25.2 37.8#

84 80.1 77.8 116.8



#33

1,2-Dichloroethane-d4

Concen: 53.522 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VN075240.D

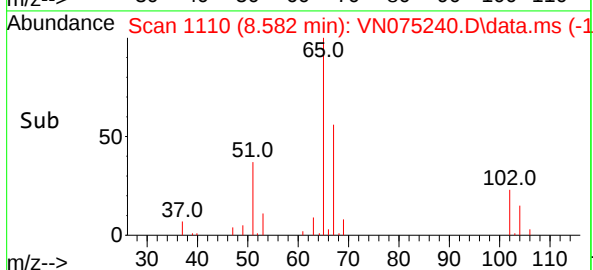
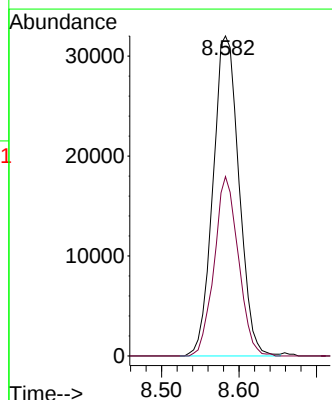
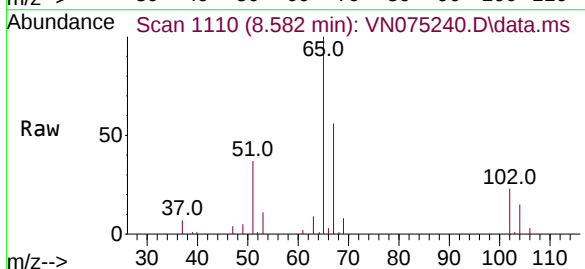
Acq: 11 Nov 2022 11:46

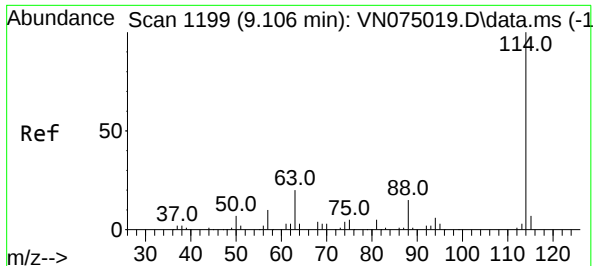
Tgt Ion: 65 Resp: 74683

Ion Ratio Lower Upper

65 100

67 52.1 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: VN075240.D

Acq: 11 Nov 2022 11:46

Instrument :

MSVOA_N

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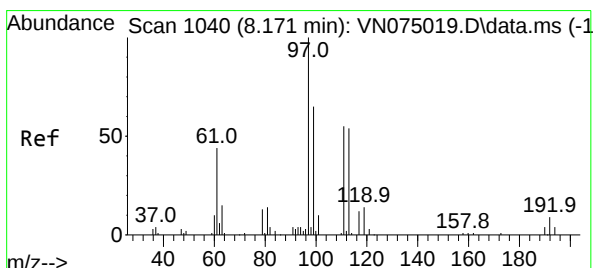
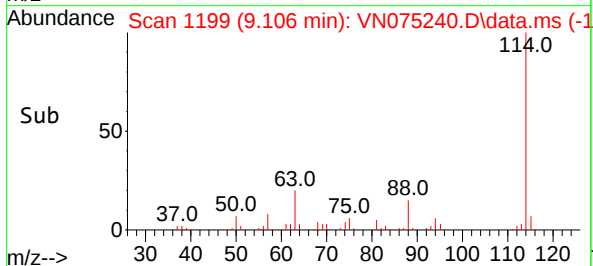
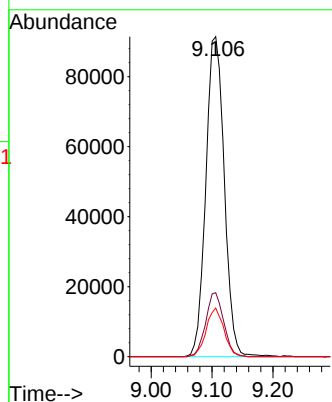
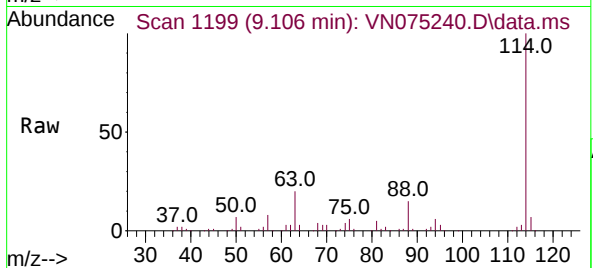
Tgt Ion:114 Resp: 192839

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

88 15.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 56.673 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075240.D

Acq: 11 Nov 2022 11:46

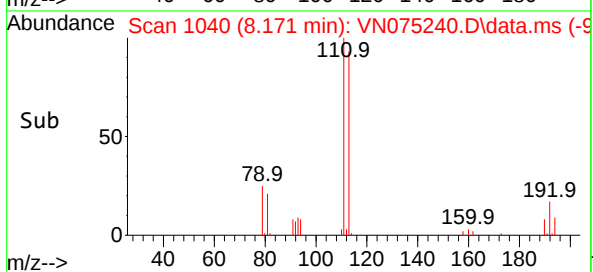
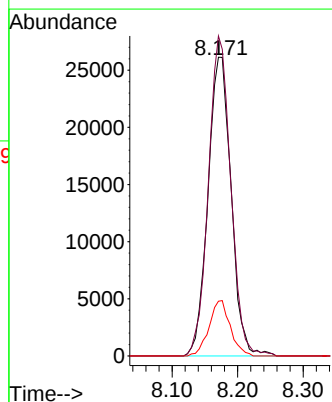
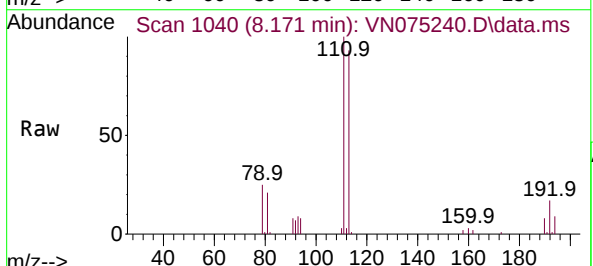
Tgt Ion:113 Resp: 64157

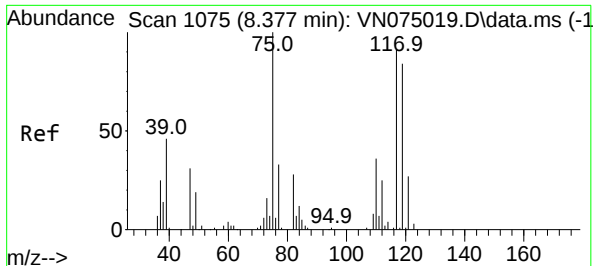
Ion Ratio Lower Upper

113 100

111 103.4 80.5 120.7

192 17.0 13.2 19.8





#36

1,1-Dichloropropene

Concen: 4.708 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075240.D

Acq: 11 Nov 2022 11:46

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VN1111WBL01

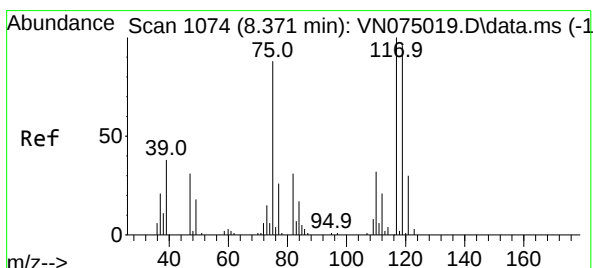
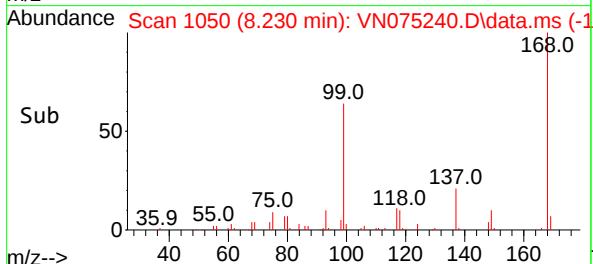
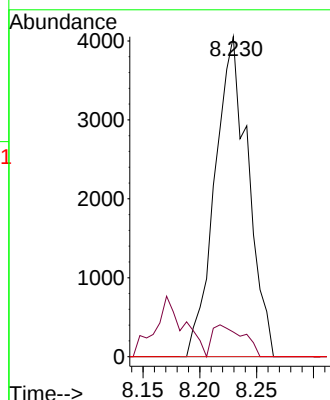
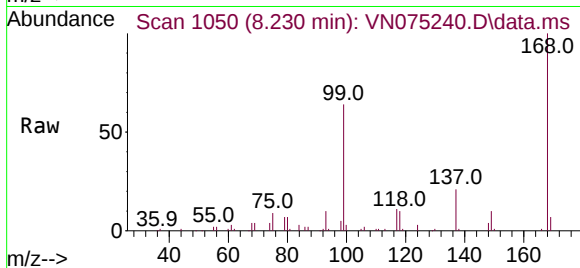
Tgt Ion: 75 Resp: 8252

Ion Ratio Lower Upper

75 100

110 9.2 17.8 53.3#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.925 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.141 min

Lab File: VN075240.D

Acq: 11 Nov 2022 11:46

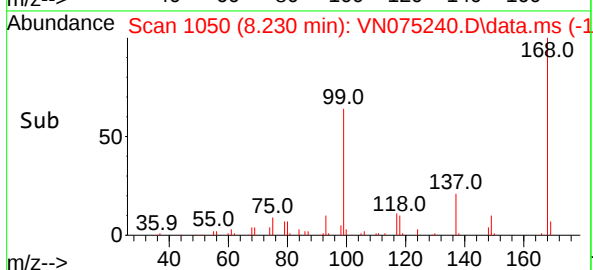
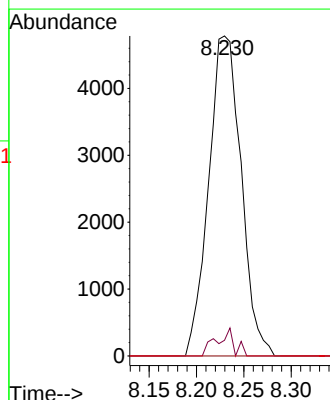
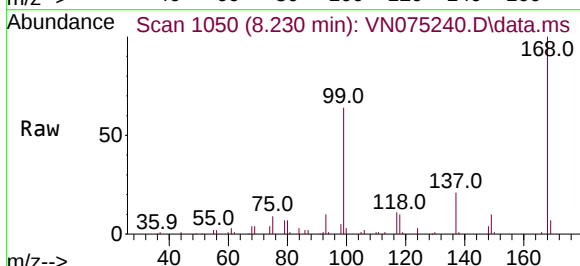
Tgt Ion: 117 Resp: 11423

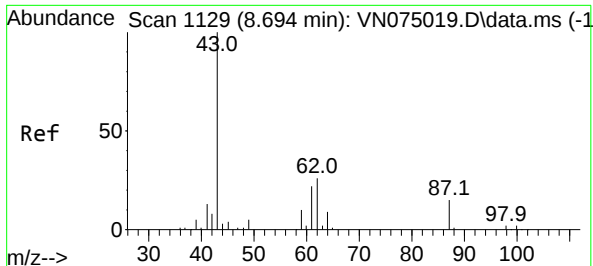
Ion Ratio Lower Upper

117 100

119 4.9 76.7 115.1#

121 0.0 23.9 35.9#





#43

Isopropyl Acetate

Concen: 0.442 ug/l

RT: 8.782 min Scan# 1129

Delta R.T. 0.088 min

Lab File: VN075240.D

Acq: 11 Nov 2022 11:46

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VN1111WBL01

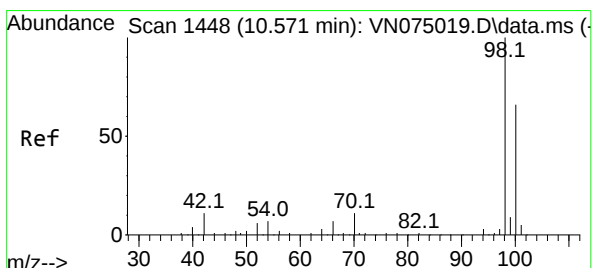
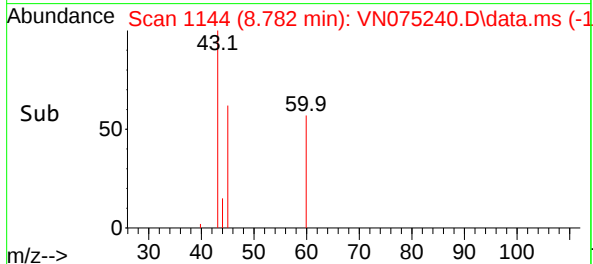
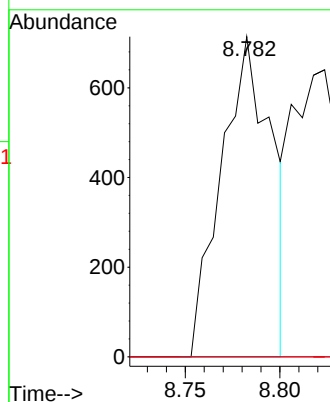
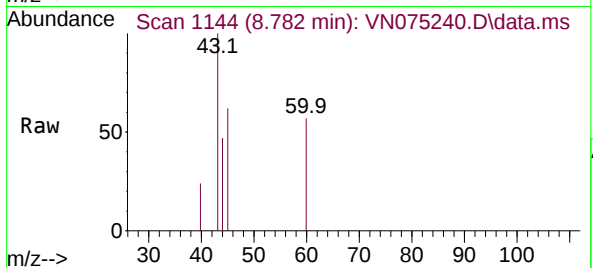
Tgt Ion: 43 Resp: 1317

Ion Ratio Lower Upper

43 100

61 0.0 22.4 33.6#

87 0.0 12.5 18.7#



#50

Toluene-d8

Concen: 49.054 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075240.D

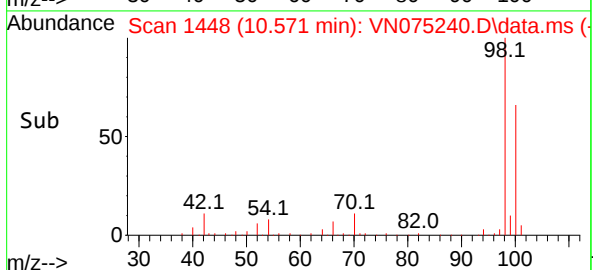
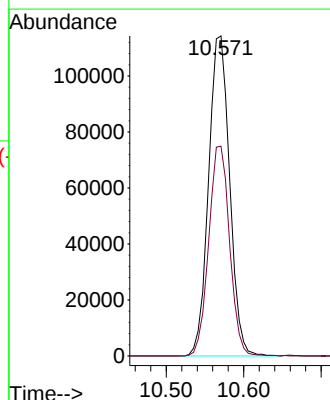
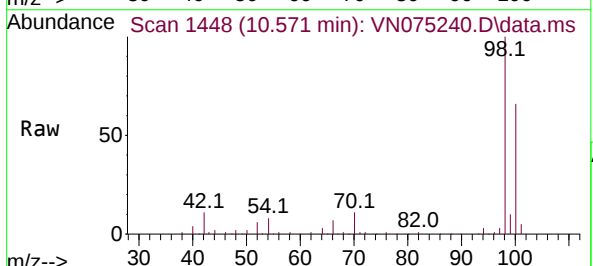
Acq: 11 Nov 2022 11:46

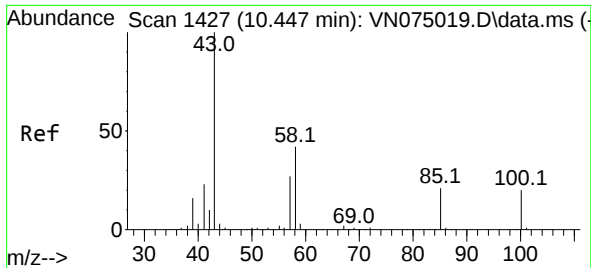
Tgt Ion: 98 Resp: 215451

Ion Ratio Lower Upper

98 100

100 65.0 53.0 79.6

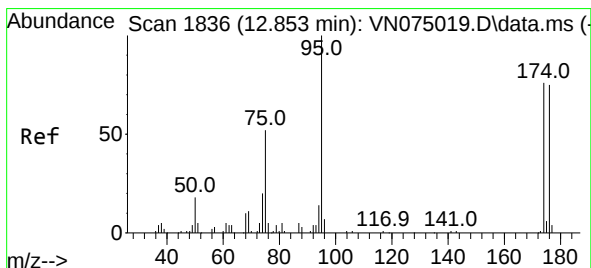
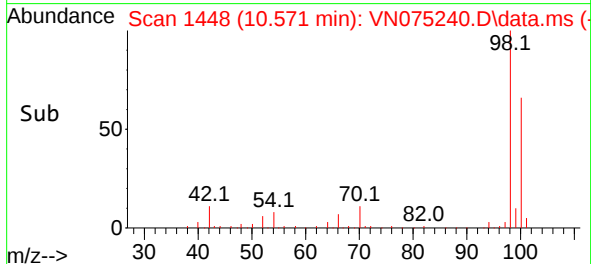
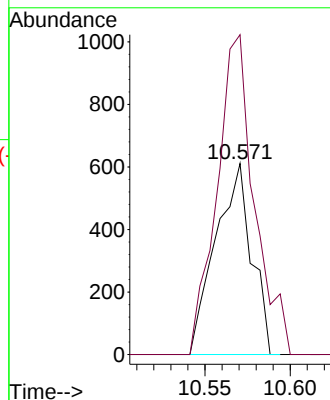
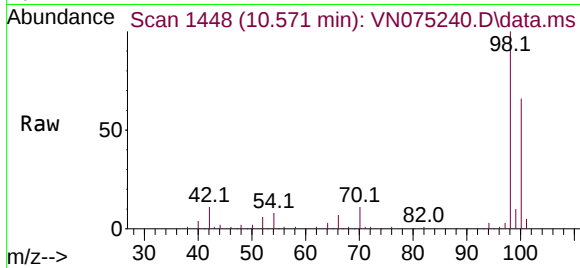




#51
4-Methyl-2-Pentanone
Concen: 0.466 ug/l
RT: 10.571 min Scan# 1427
Delta R.T. 0.124 min
Lab File: VN075240.D
Acq: 11 Nov 2022 11:46

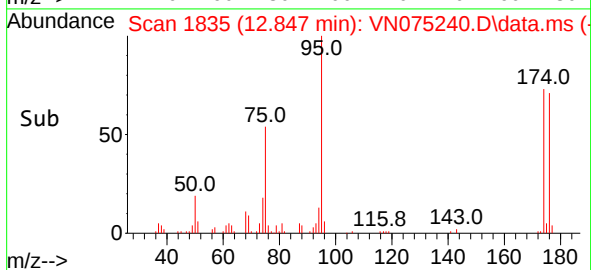
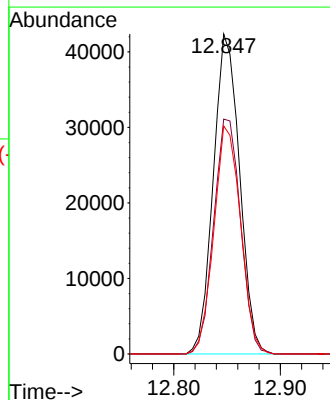
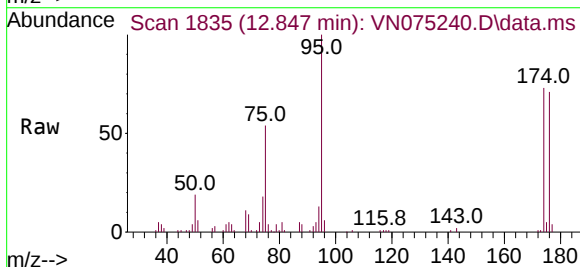
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBL01

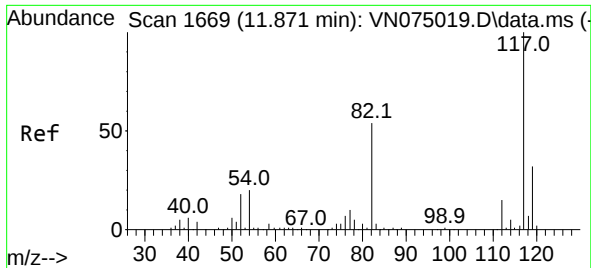
Tgt Ion: 43 Resp: 896
Ion Ratio Lower Upper
43 100
58 174.4 33.6 50.4#



#62
4-Bromofluorobenzene
Concen: 47.021 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075240.D
Acq: 11 Nov 2022 11:46

Tgt Ion: 95 Resp: 72547
Ion Ratio Lower Upper
95 100
174 74.9 0.0 147.4
176 72.5 0.0 142.2

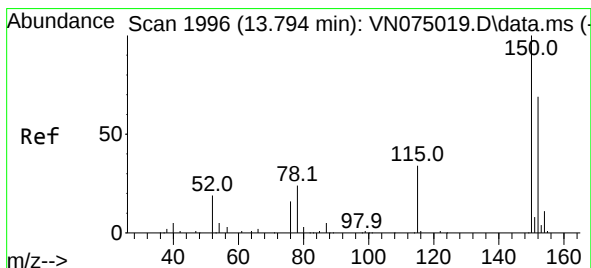
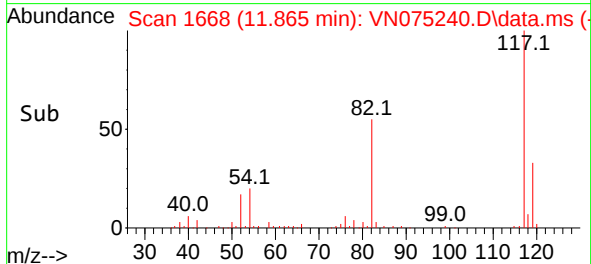
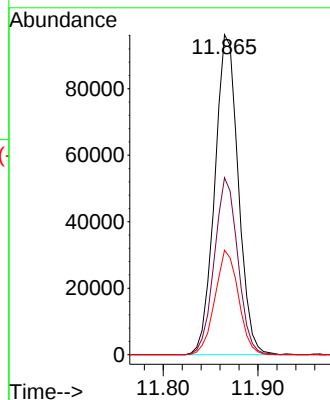
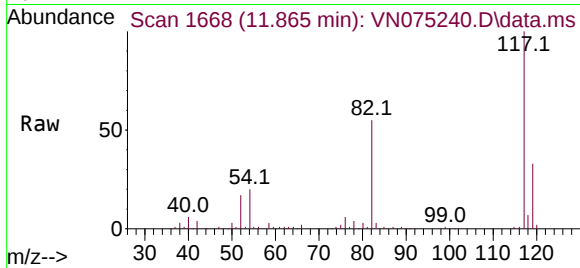




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VN075240.D
Acq: 11 Nov 2022 11:46

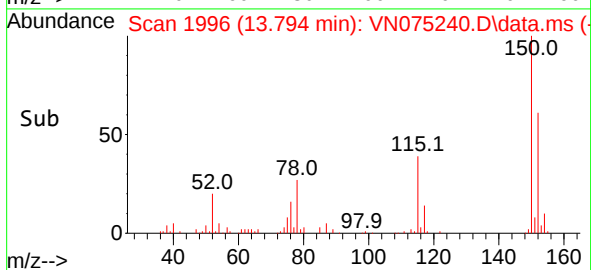
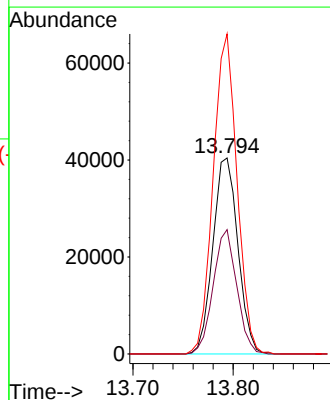
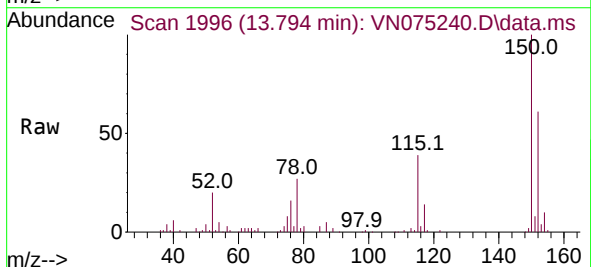
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBL01

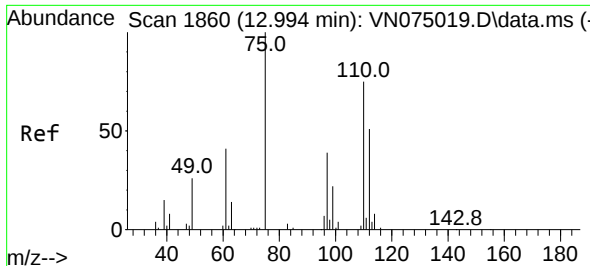
Tgt Ion:117 Resp: 166326
Ion Ratio Lower Upper
117 100
82 55.3 43.1 64.7
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075240.D
Acq: 11 Nov 2022 11:46

Tgt Ion:152 Resp: 70125
Ion Ratio Lower Upper
152 100
115 59.7 30.2 90.6
150 155.1 0.0 348.4

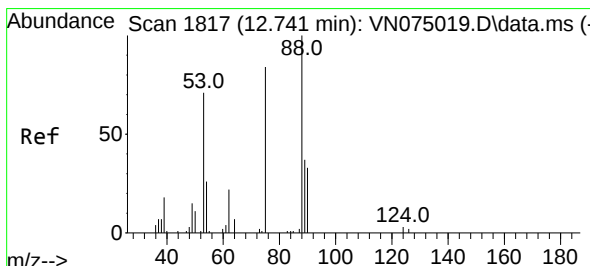
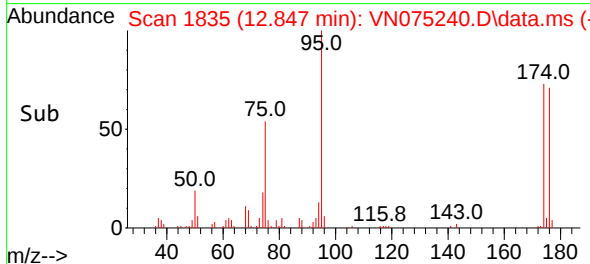
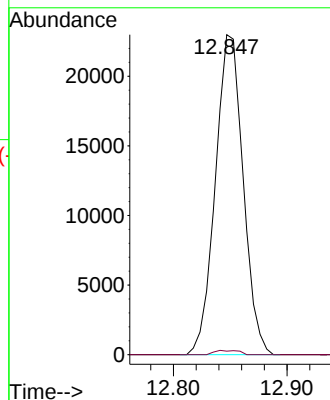
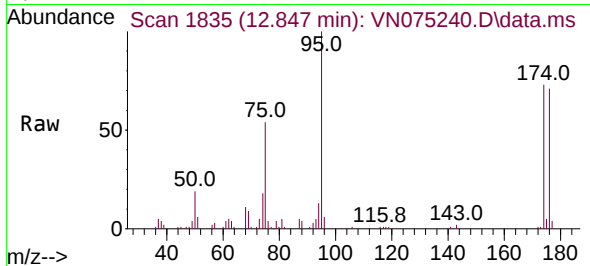




#76
1,2,3-Trichloropropane
Concen: 26.271 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075240.D
Acq: 11 Nov 2022 11:46

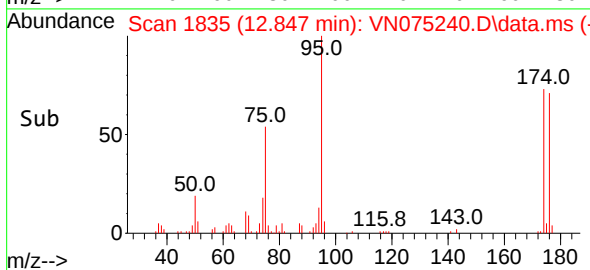
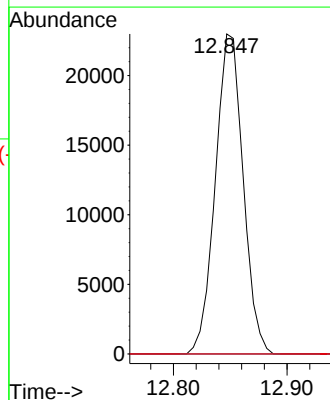
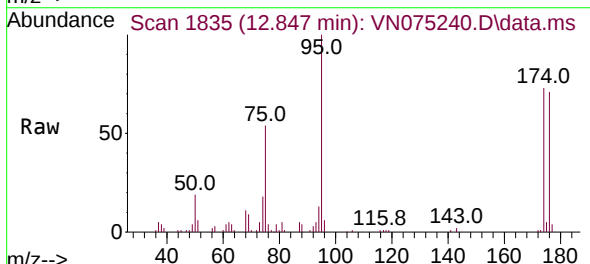
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBL01

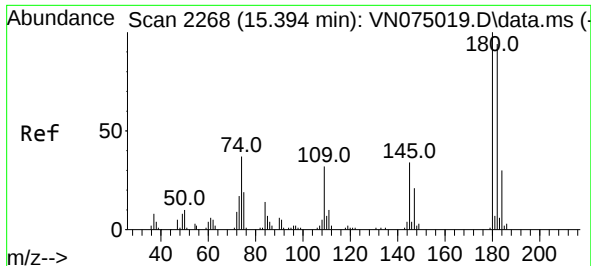
Tgt Ion: 75 Resp: 39116
Ion Ratio Lower Upper
75 100
77 1.2 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.437 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.106 min
Lab File: VN075240.D
Acq: 11 Nov 2022 11:46

Tgt Ion: 75 Resp: 39116
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

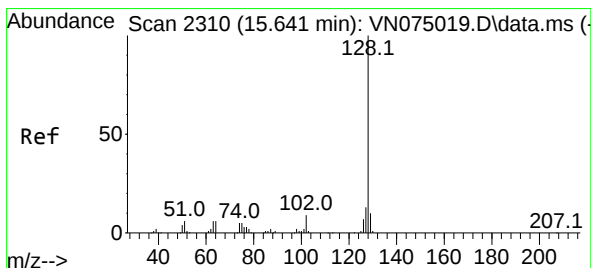
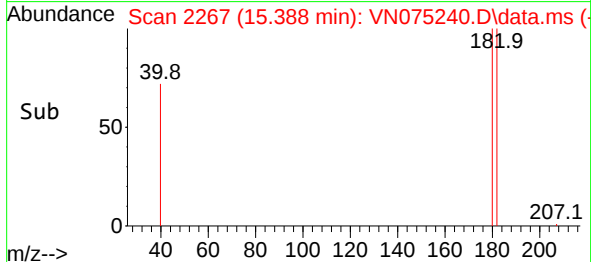
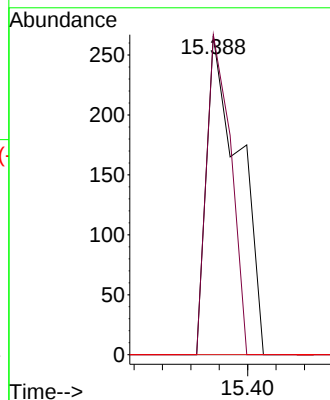
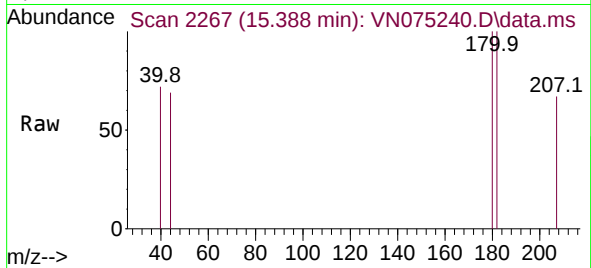




#93
1,2,4-Trichlorobenzene
Concen: 0.206 ug/l
RT: 15.388 min Scan# 214
Delta R.T. -0.006 min
Lab File: VN075240.D
Acq: 11 Nov 2022 11:46

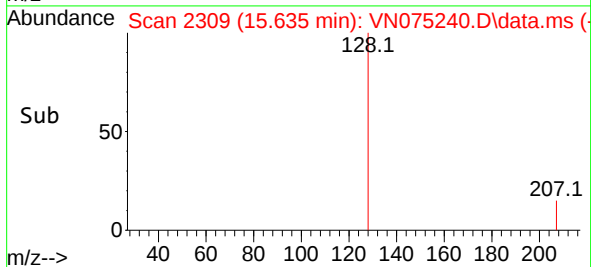
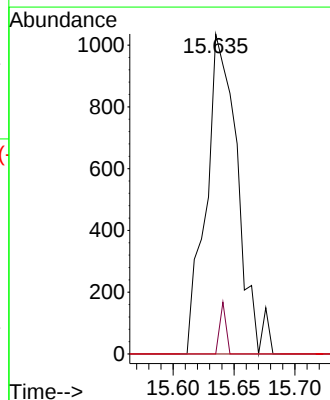
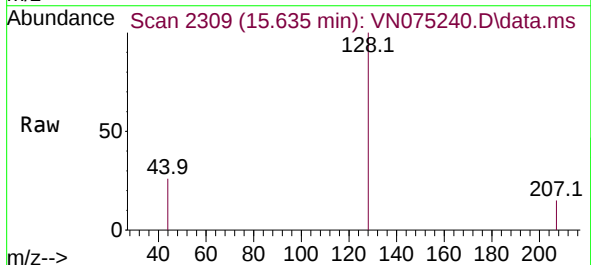
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBL01

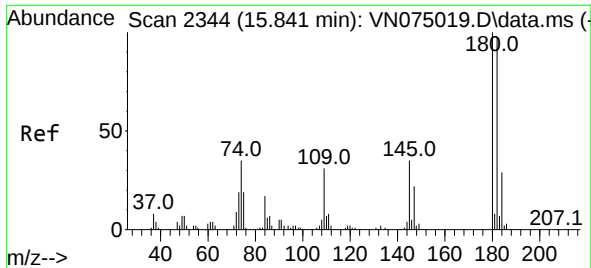
Tgt Ion:180 Resp: 214
Ion Ratio Lower Upper
180 100
182 74.3 47.8 143.4
145 0.0 16.8 50.3#



#95
Naphthalene
Concen: 0.465 ug/l
RT: 15.635 min Scan# 2309
Delta R.T. -0.006 min
Lab File: VN075240.D
Acq: 11 Nov 2022 11:46

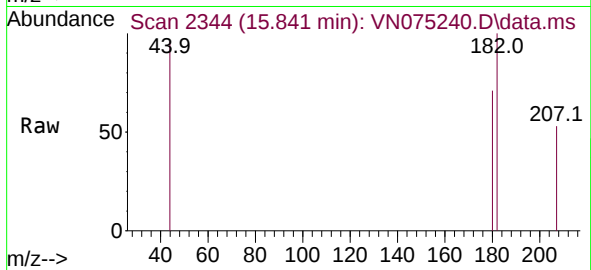
Tgt Ion:128 Resp: 1857
Ion Ratio Lower Upper
128 100
127 3.2 10.4 15.6#
129 0.0 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.306 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN075240.D
 Acq: 11 Nov 2022 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBL01



Tgt Ion:180 Resp: 316
 Ion Ratio Lower Upper
 180 100
 182 112.3 47.3 141.8
 145 0.0 17.6 52.9#

