

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110422\
 Data File : VN075165.D
 Acq On : 04 Nov 2022 11:05
 Operator : JC\MD
 Sample : VN1104MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104MBL01

Quant Time: Nov 05 06:55:27 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)

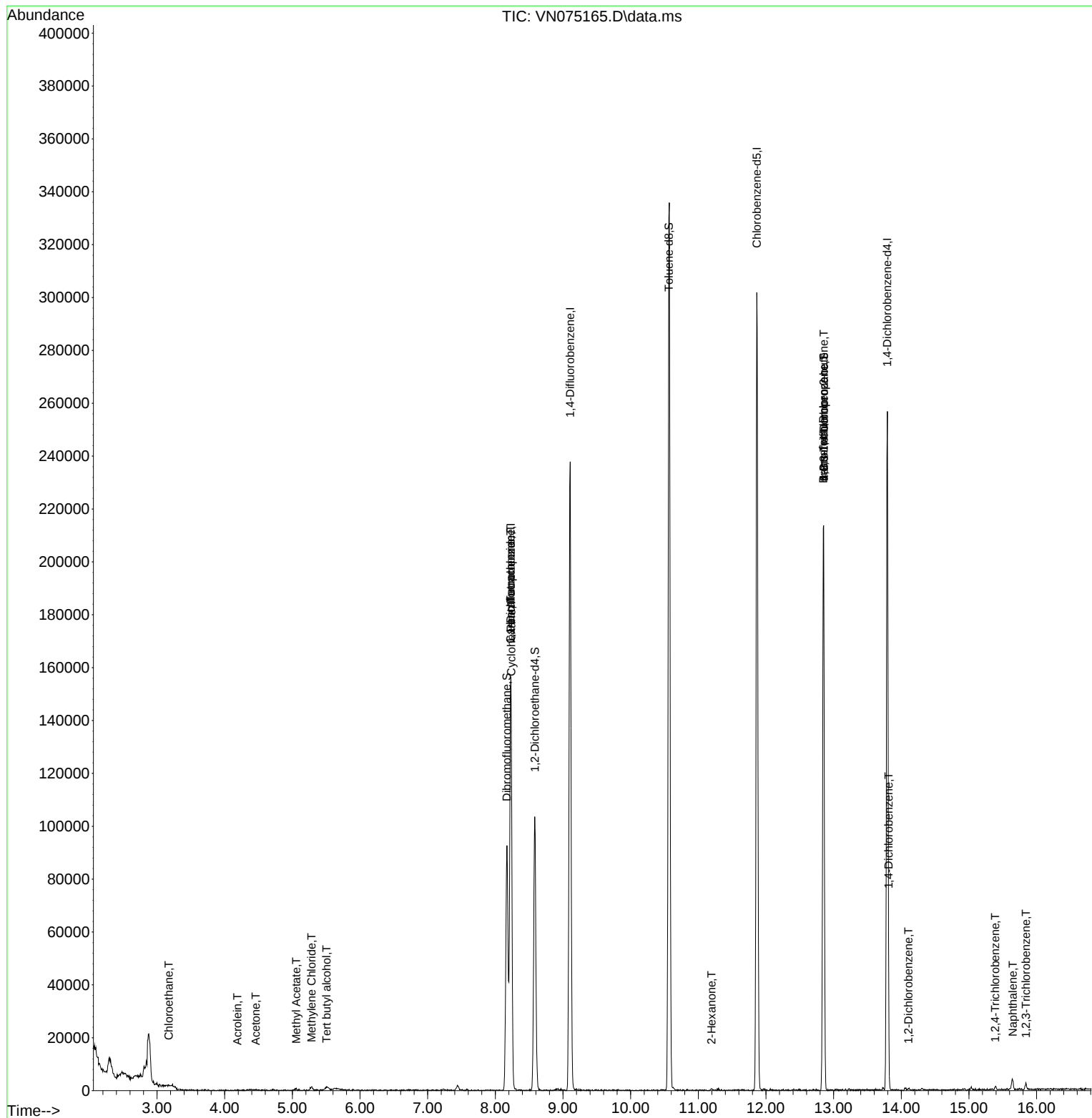
Internal Standards						
1) Pentafluorobenzene	8.230	168	109262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	208050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	173706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	67025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	84188	57.186	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.380%
35) Dibromofluoromethane	8.171	113	65697	53.790	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.580%
50) Toluene-d8	10.565	98	243946	51.481	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.960%
62) 4-Bromofluorobenzene	12.853	95	73243	44.001	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.000%
Target Compounds						
					Qvalue	
5) Bromomethane	2.924	94	387	Below Cal	#	43
6) Chloroethane	3.171	64	632	0.409	ug/l #	45
11) Tert butyl alcohol	5.506	59	762	2.220	ug/l #	72
13) Acrolein	4.189	56	71	0.253	ug/l #	15
16) Acetone	4.459	43	238	0.382	ug/l #	43
18) Methyl Acetate	5.059	43	991	0.487	ug/l #	47
20) Methylene Chloride	5.283	84	1059	0.762	ug/l #	79
31) Cyclohexane	8.236	56	2566	1.172	ug/l #	16
36) 1,1-Dichloropropene	8.224	75	10244	5.418	ug/l #	50
38) Carbon Tetrachloride	8.224	117	12826	6.166	ug/l #	15
59) 2-Hexanone	11.194	43	583	0.370	ug/l	77
71) Bromoform	12.847	173	582	0.565	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	40442	28.418	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	40442	72.948	ug/l #	10
88) 1,4-Dichlorobenzene	13.812	146	797	0.347	ug/l #	54
91) 1,2-Dichlorobenzene	14.106	146	462	0.200	ug/l #	48
93) 1,2,4-Trichlorobenzene	15.388	180	698	0.703	ug/l #	79
95) Naphthalene	15.647	128	4946	1.296	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.841	180	1201	1.218	ug/l #	78

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

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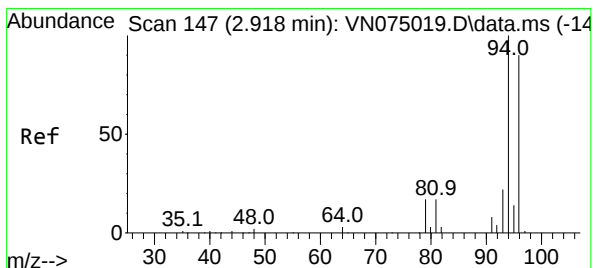
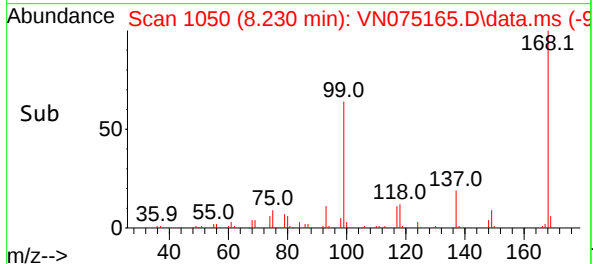
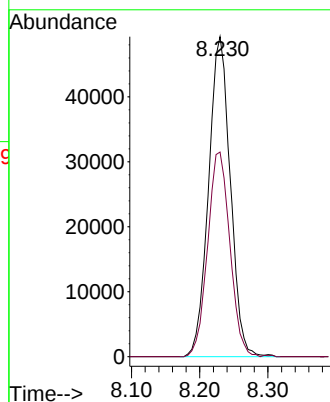
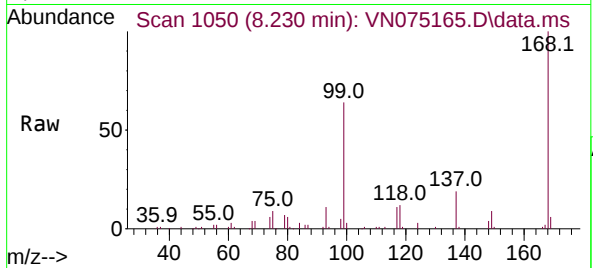




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075165.D
Acq: 04 Nov 2022 11:05

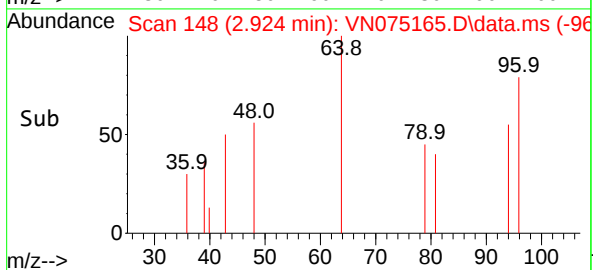
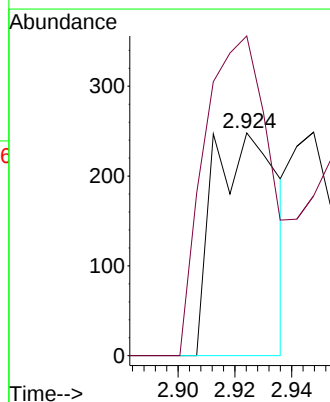
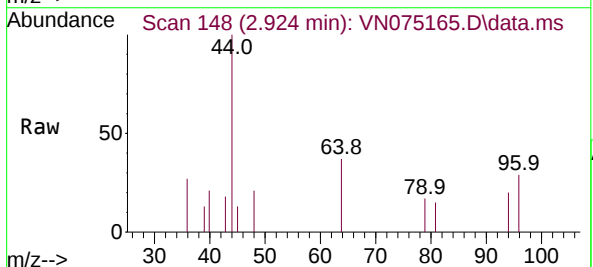
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBL01

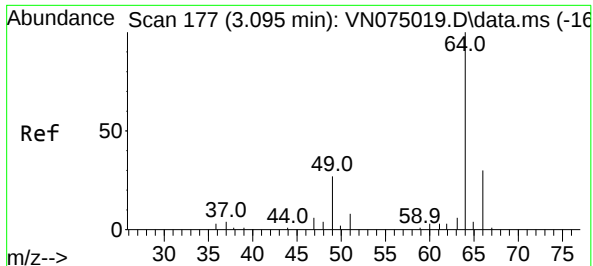
Tgt Ion:168 Resp: 109262
Ion Ratio Lower Upper
168 100
99 63.9 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.924 min Scan# 148
Delta R.T. 0.006 min
Lab File: VN075165.D
Acq: 04 Nov 2022 11:05

Tgt Ion: 94 Resp: 387
Ion Ratio Lower Upper
94 100
96 143.5 71.8 107.6#

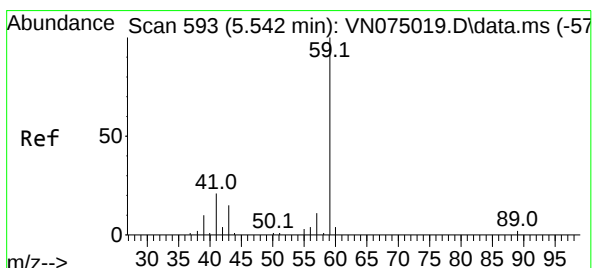
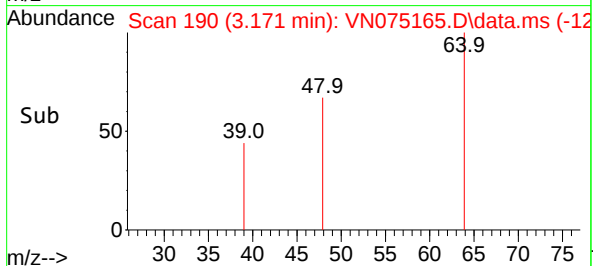
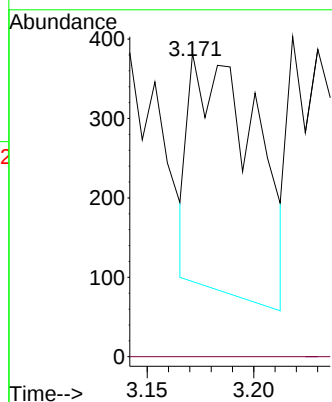
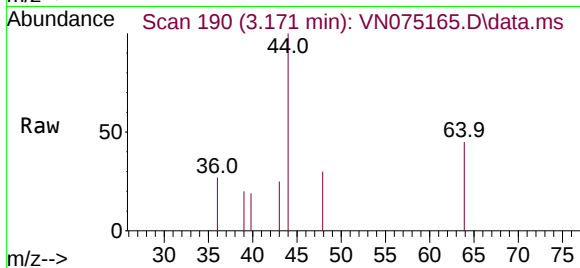




#6
Chloroethane
Concen: 0.409 ug/l
RT: 3.171 min Scan# 11
Delta R.T. 0.076 min
Lab File: VN075165.D
Acq: 04 Nov 2022 11:05

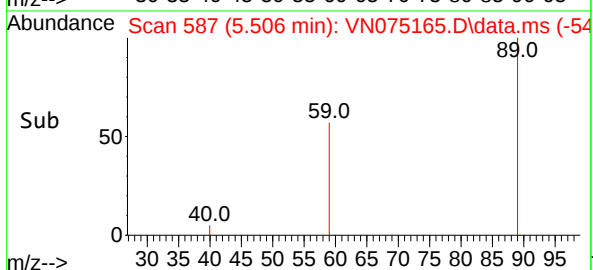
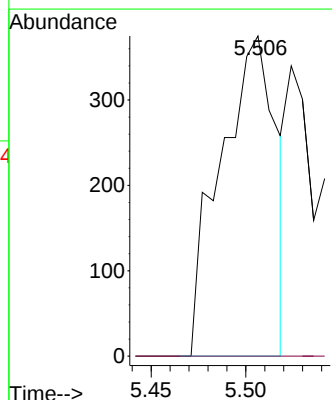
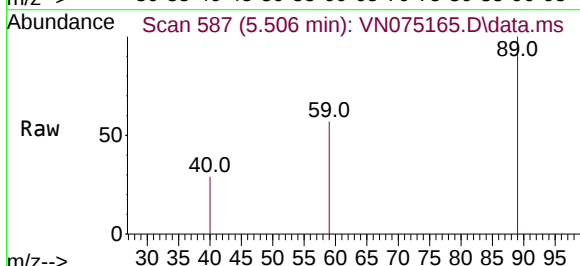
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBL01

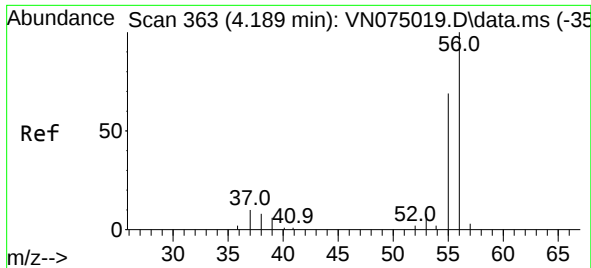
Tgt Ion: 64 Resp: 632
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 2.220 ug/l
RT: 5.506 min Scan# 587
Delta R.T. -0.036 min
Lab File: VN075165.D
Acq: 04 Nov 2022 11:05

Tgt Ion: 59 Resp: 762
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

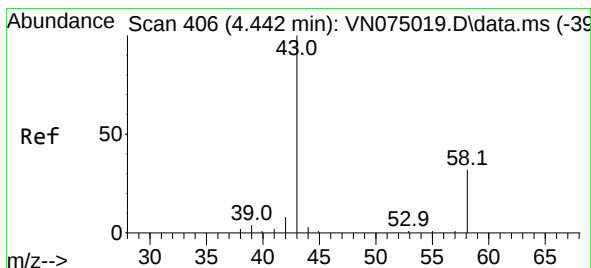
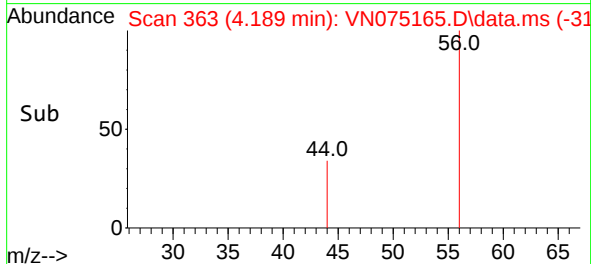
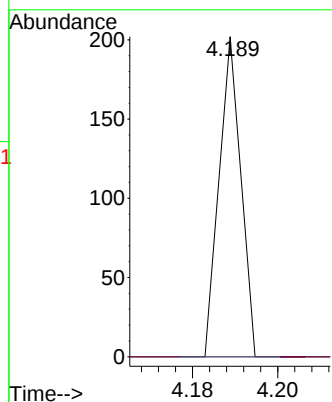
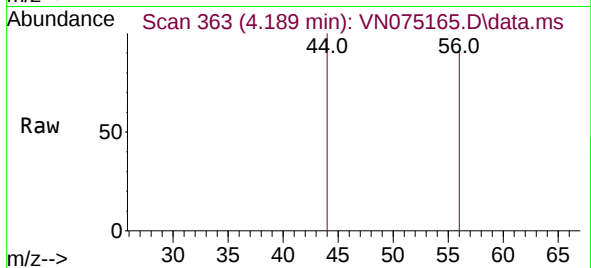




#13
Acrolein
Concen: 0.253 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN075165.D
Acq: 04 Nov 2022 11:05

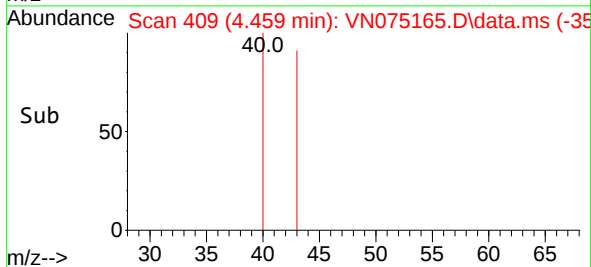
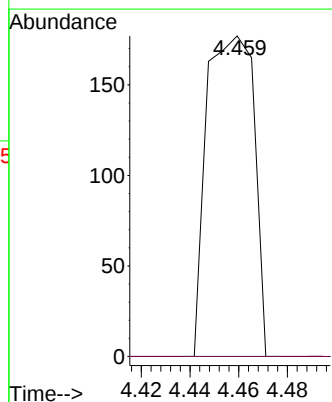
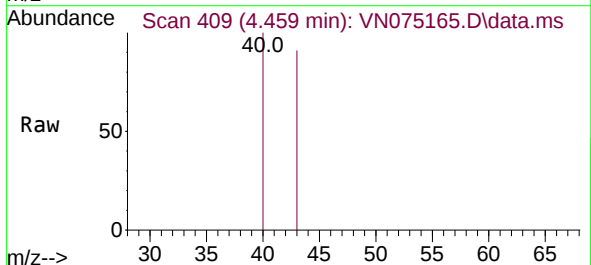
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBL01

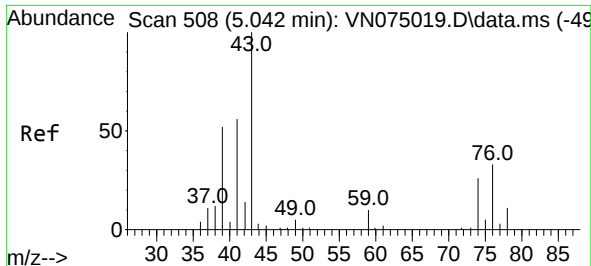
Tgt Ion: 56 Resp: 71
Ion Ratio Lower Upper
56 100
55 0.0 55.2 82.8#



#16
Acetone
Concen: 0.382 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.017 min
Lab File: VN075165.D
Acq: 04 Nov 2022 11:05

Tgt Ion: 43 Resp: 238
Ion Ratio Lower Upper
43 100
58 0.0 25.5 38.3#

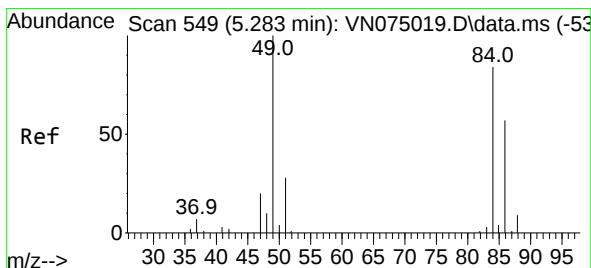
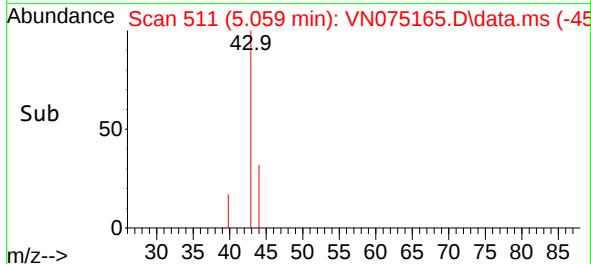
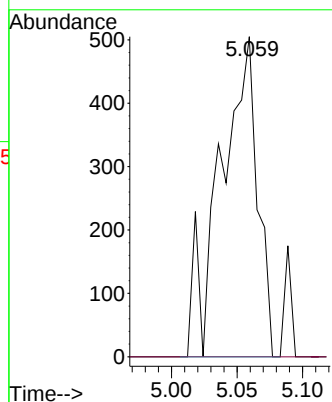
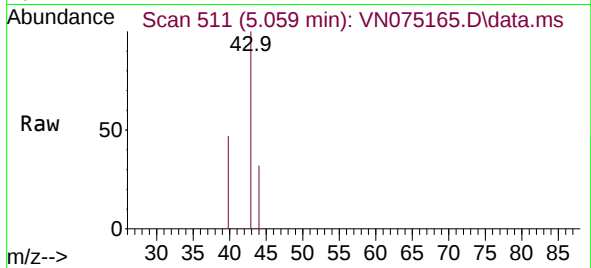




#18
Methyl Acetate
Concen: 0.487 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.017 min
Lab File: VN075165.D
Acq: 04 Nov 2022 11:05

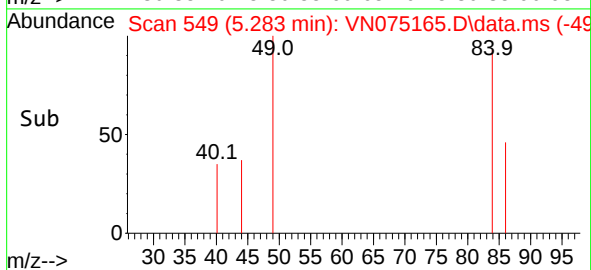
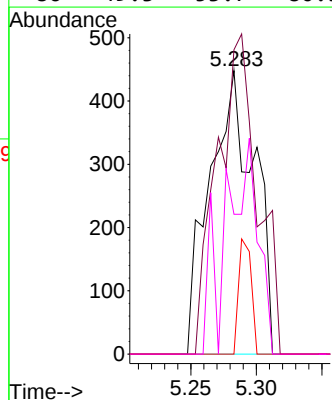
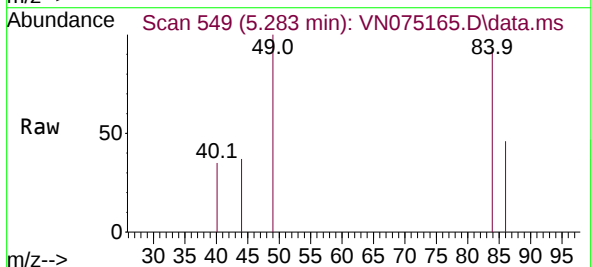
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBL01

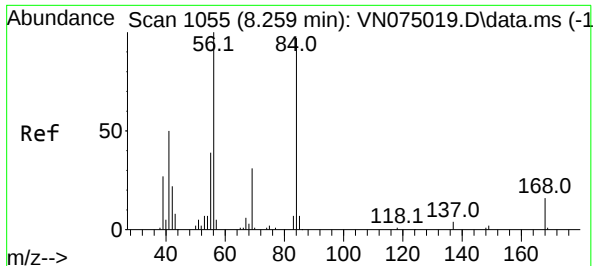
Tgt Ion: 43 Resp: 991
Ion Ratio Lower Upper
43 100
74 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: 0.762 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075165.D
Acq: 04 Nov 2022 11:05

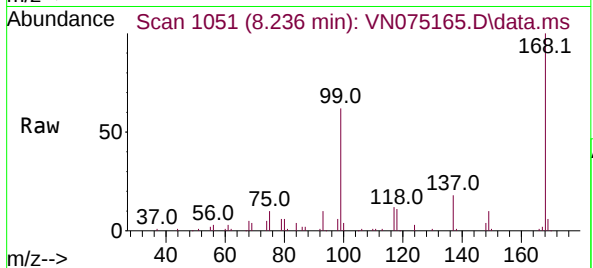
Tgt Ion: 84 Resp: 1059
Ion Ratio Lower Upper
84 100
49 107.4 94.9 142.3
51 0.0 26.8 40.2#
86 49.3 53.7 80.5#



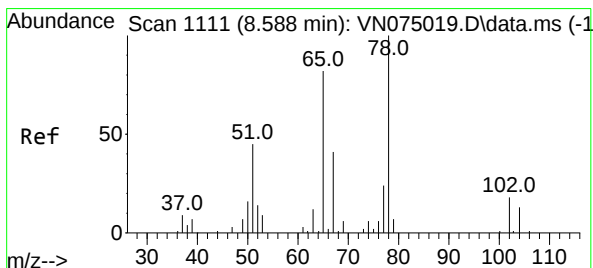
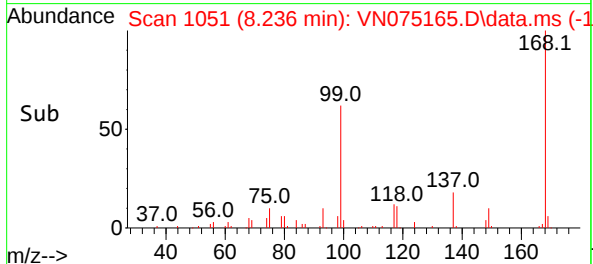
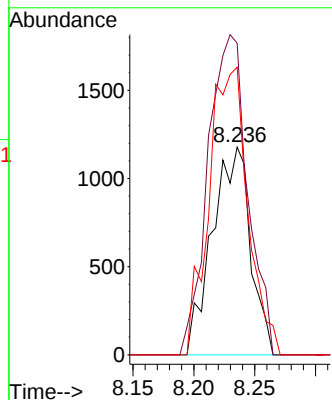


#31
Cyclohexane
Concen: 1.172 ug/l
RT: 8.236 min Scan# 1105
Delta R.T. -0.023 min
Lab File: VN075165.D
Acq: 04 Nov 2022 11:05

Instrument :
MSVOA_N
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VN1104MBL01

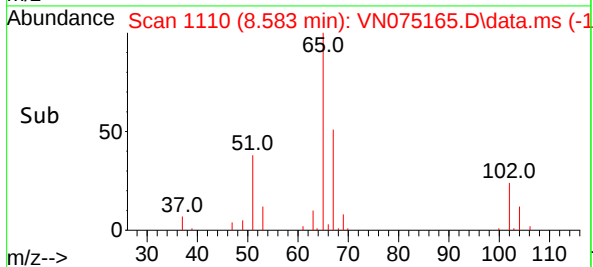
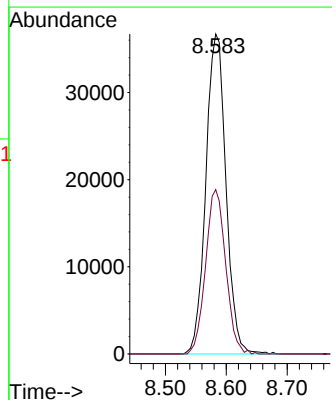
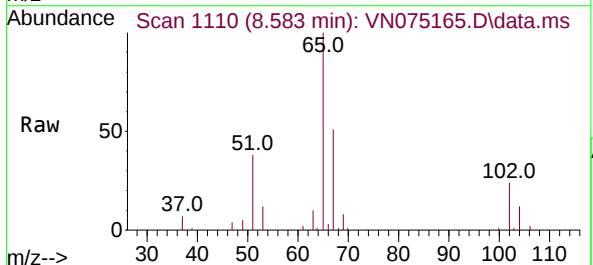


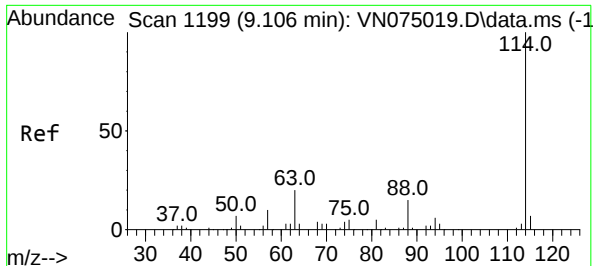
Tgt Ion: 56 Resp: 2566
Ion Ratio Lower Upper
56 100
69 150.1 25.2 37.8#
84 138.5 77.8 116.8#



#33
1,2-Dichloroethane-d4
Concen: 57.186 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VN075165.D
Acq: 04 Nov 2022 11:05

Tgt Ion: 65 Resp: 84188
Ion Ratio Lower Upper
65 100
67 51.4 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: VN075165.D

Acq: 04 Nov 2022 11:05

Instrument :

MSVOA_N

ClientSampleId :

VN1104MBL01

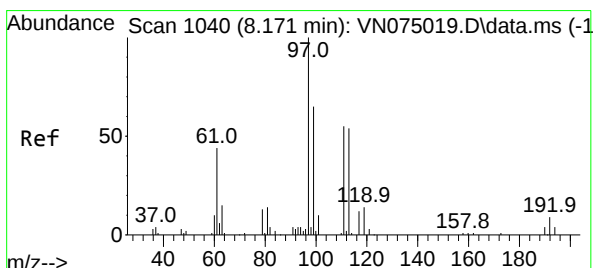
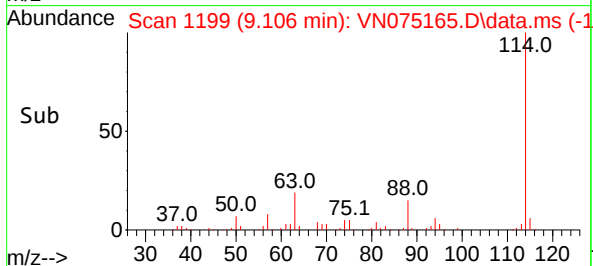
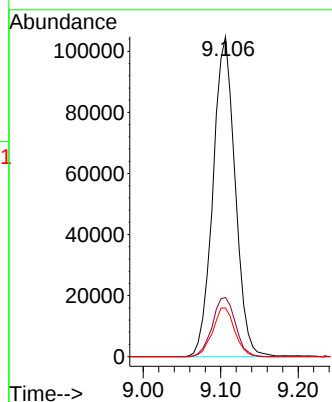
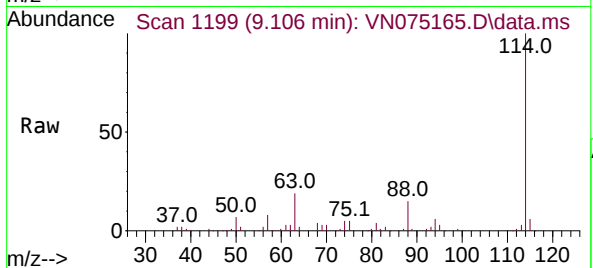
Tgt Ion:114 Resp: 208050

Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.6

88 15.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.790 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075165.D

Acq: 04 Nov 2022 11:05

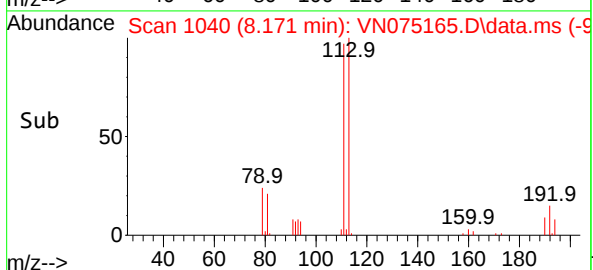
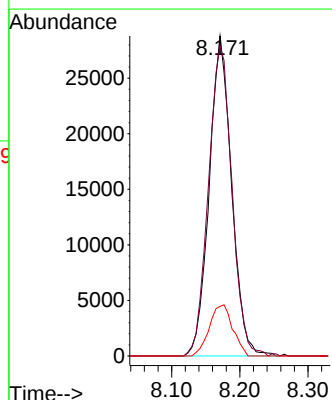
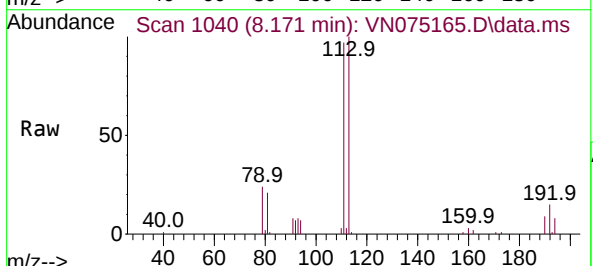
Tgt Ion:113 Resp: 65697

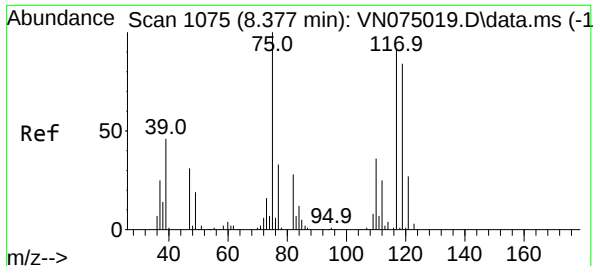
Ion Ratio Lower Upper

113 100

111 102.0 80.5 120.7

192 16.7 13.2 19.8





#36

1,1-Dichloropropene

Concen: 5.418 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.153 min

Lab File: VN075165.D

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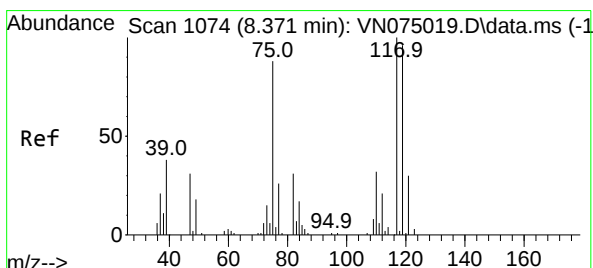
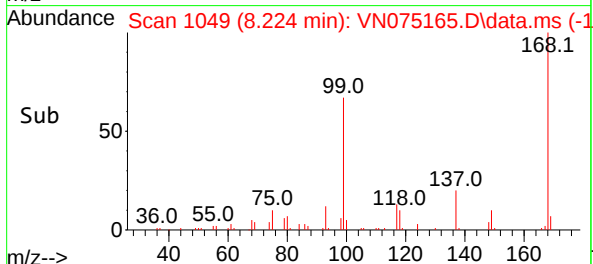
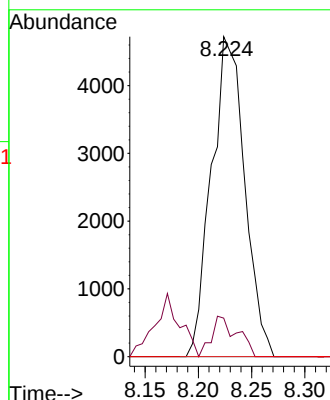
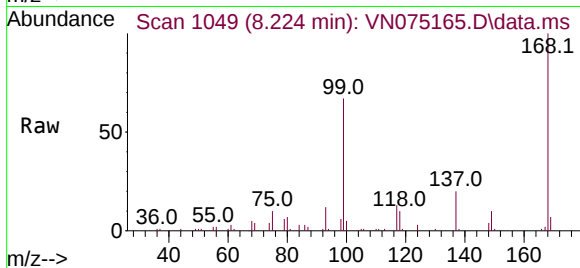
Tgt Ion: 75 Resp: 10244

Ion Ratio Lower Upper

75 100

110 9.7 17.8 53.3#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 6.166 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.147 min

Lab File: VN075165.D

Acq: 04 Nov 2022 11:05

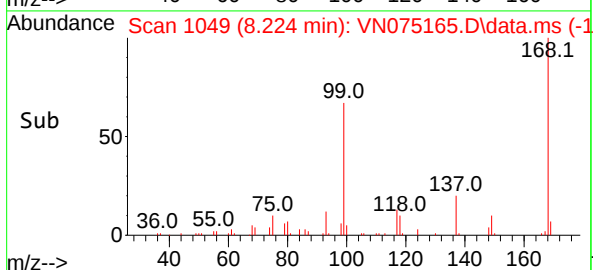
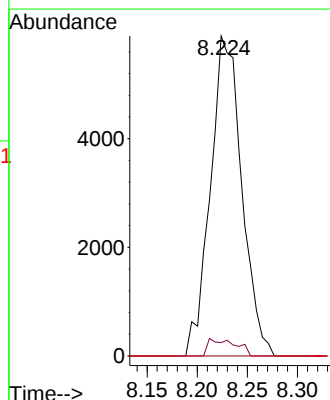
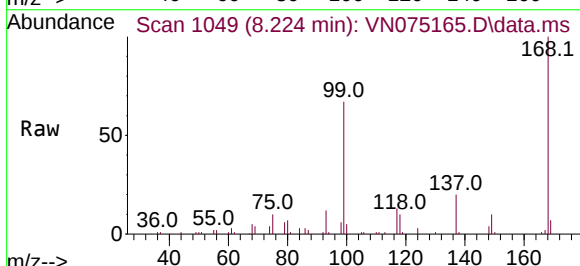
Tgt Ion: 117 Resp: 12826

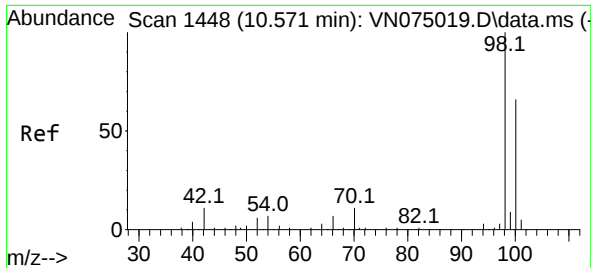
Ion Ratio Lower Upper

117 100

119 4.2 76.7 115.1#

121 0.0 23.9 35.9#

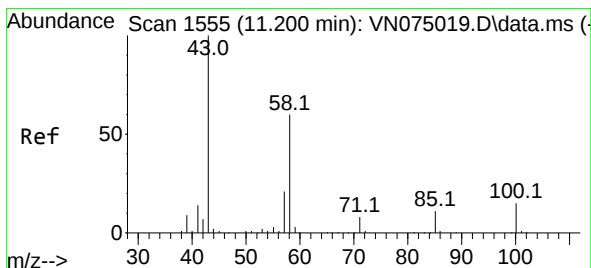
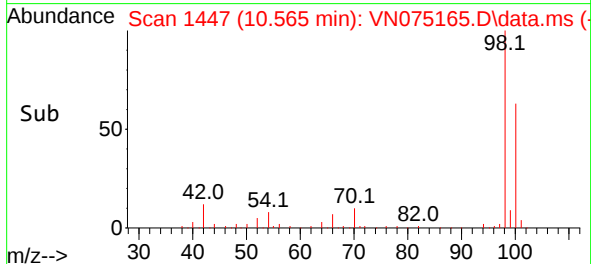
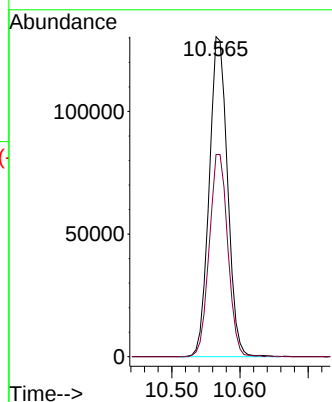
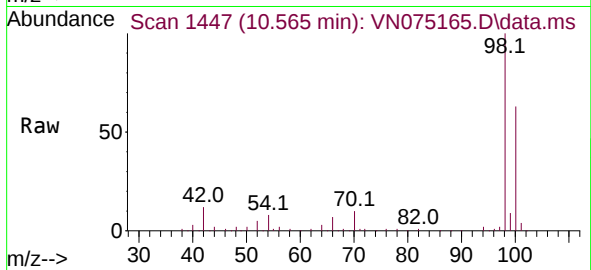




#50
Toluene-d8
Concen: 51.481 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN075165.D
Acq: 04 Nov 2022 11:05

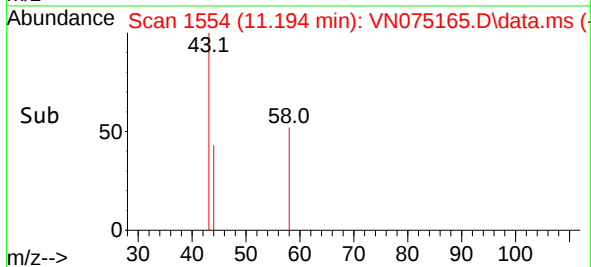
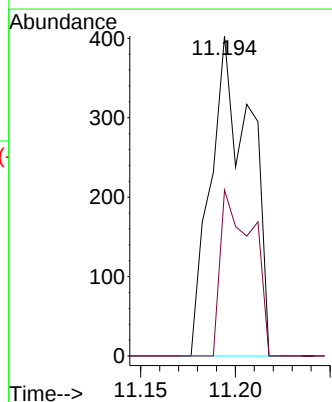
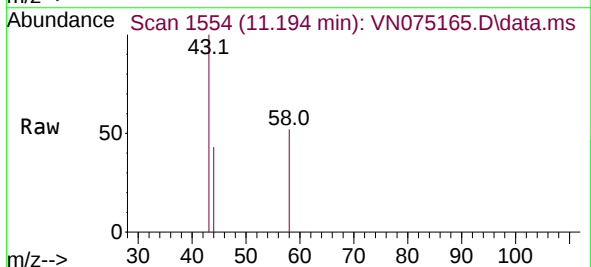
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBL01

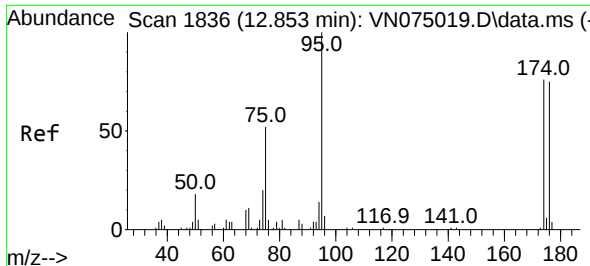
Tgt Ion: 98 Resp: 243946
Ion Ratio Lower Upper
98 100
100 63.8 53.0 79.6



#59
2-Hexanone
Concen: 0.370 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075165.D
Acq: 04 Nov 2022 11:05

Tgt Ion: 43 Resp: 583
Ion Ratio Lower Upper
43 100
58 41.9 29.6 88.8

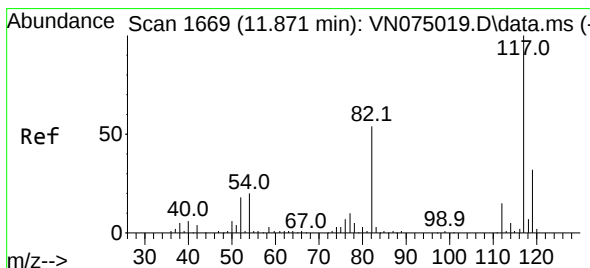
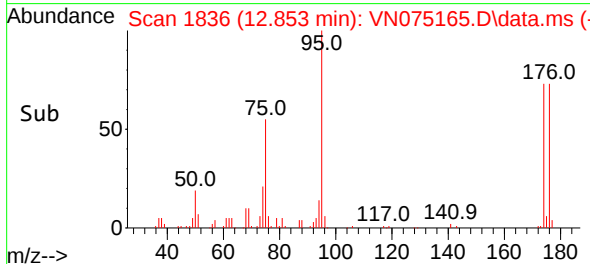
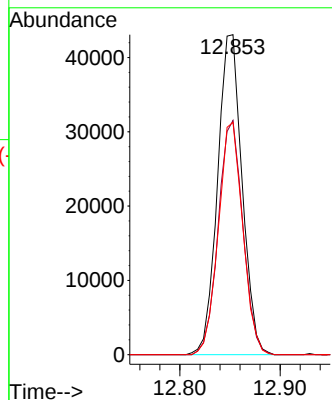
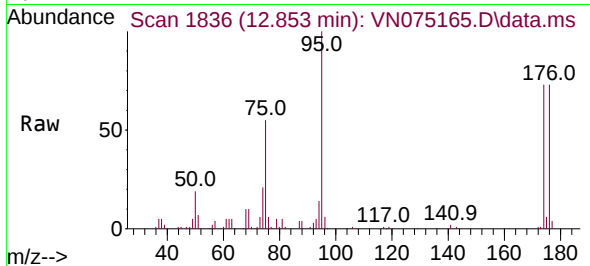




#62
4-Bromofluorobenzene
Concen: 44.001 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075165.D
Acq: 04 Nov 2022 11:05

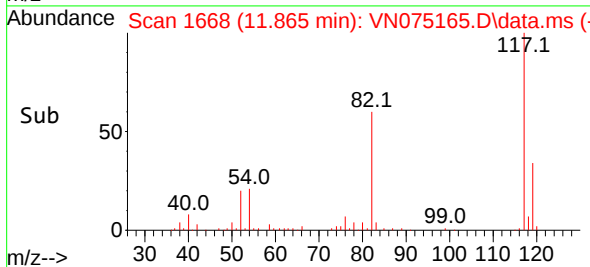
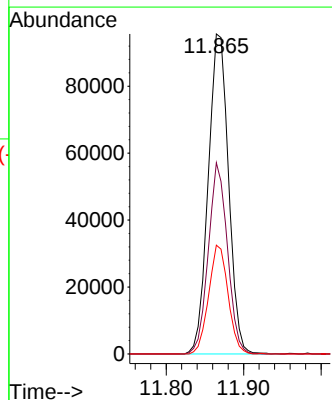
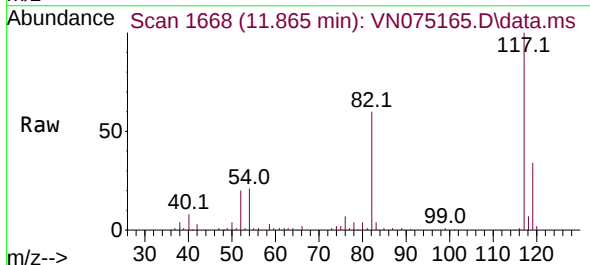
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBL01

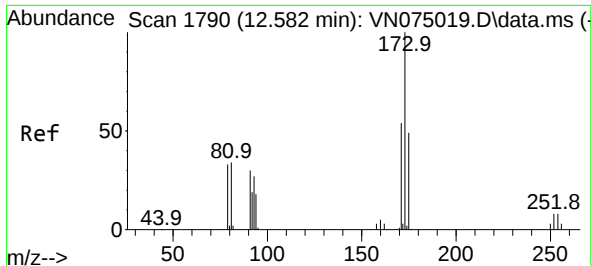
Tgt Ion: 95 Resp: 73243
Ion Ratio Lower Upper
95 100
174 73.2 0.0 147.4
176 72.1 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075165.D
Acq: 04 Nov 2022 11:05

Tgt Ion: 117 Resp: 173706
Ion Ratio Lower Upper
117 100
82 59.7 43.1 64.7
119 34.0 25.5 38.3

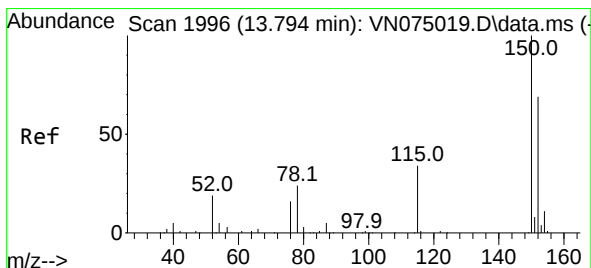
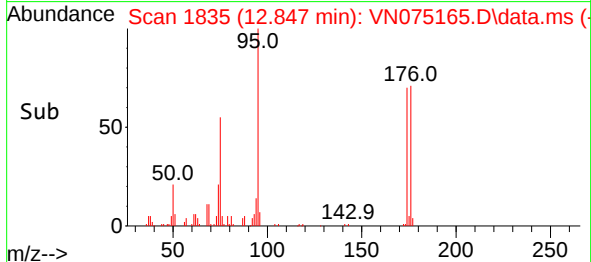
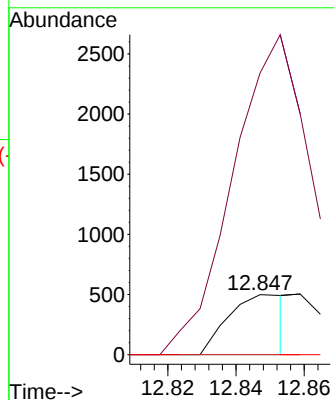
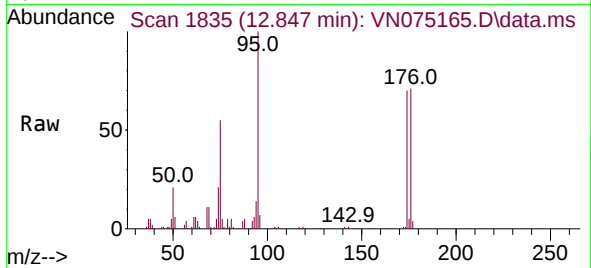




#71
Bromoform
Concen: 0.565 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN075165.D
Acq: 04 Nov 2022 11:05

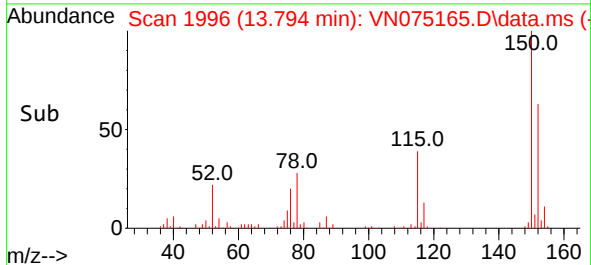
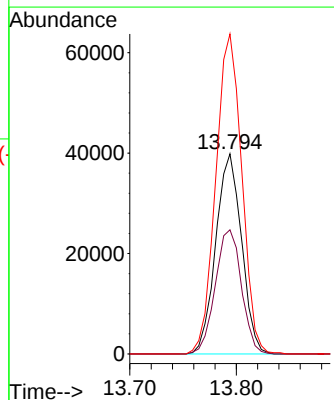
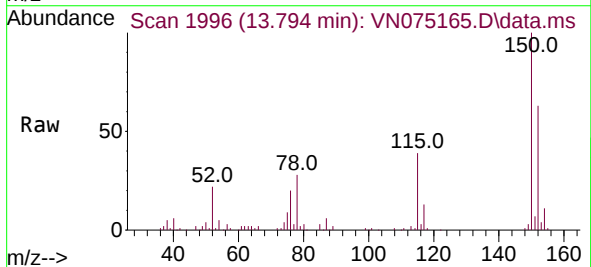
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBL01

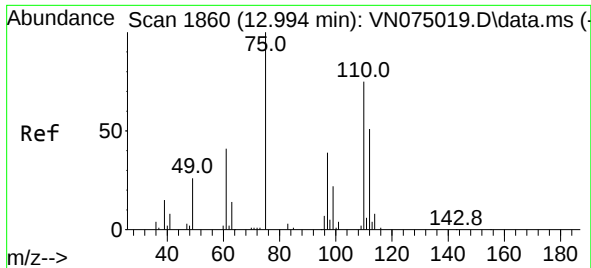
Tgt Ion:173 Resp: 582
Ion Ratio Lower Upper
173 100
175 629.0 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075165.D
Acq: 04 Nov 2022 11:05

Tgt Ion:152 Resp: 67025
Ion Ratio Lower Upper
152 100
115 62.8 30.2 90.6
150 161.2 0.0 348.4

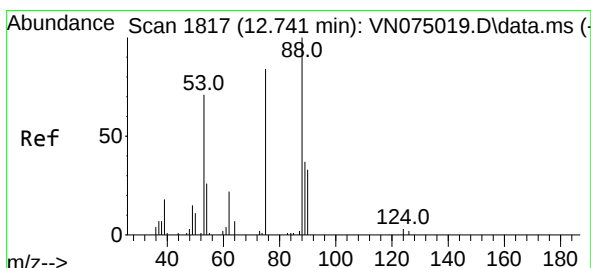
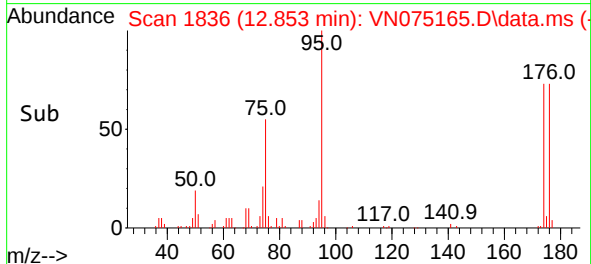
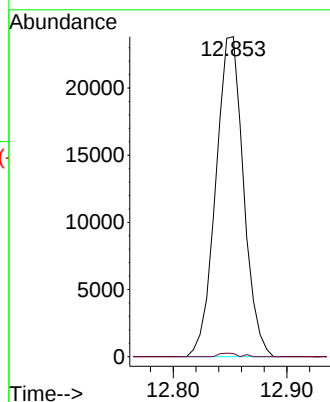
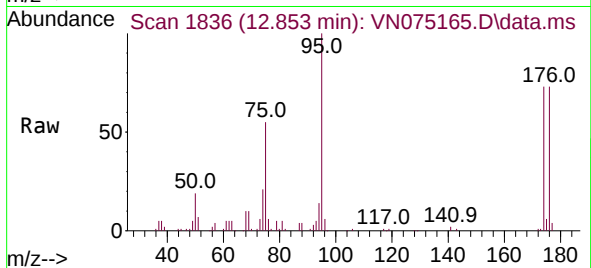




#76
1,2,3-Trichloropropane
Concen: 28.418 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075165.D
Acq: 04 Nov 2022 11:05

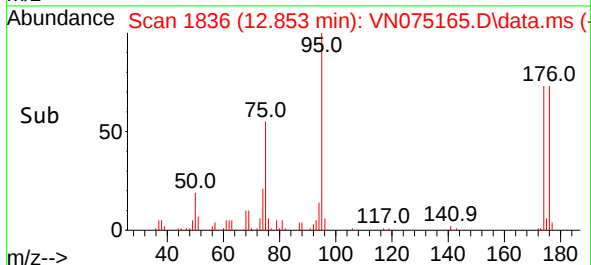
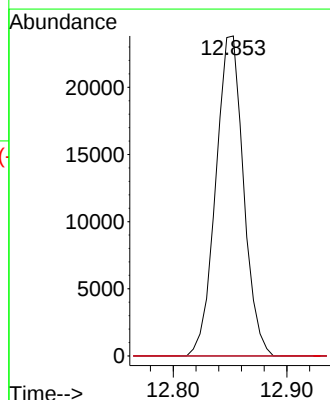
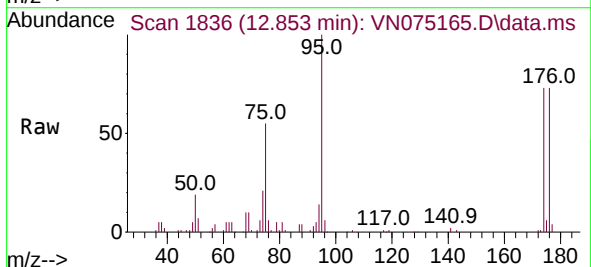
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBL01

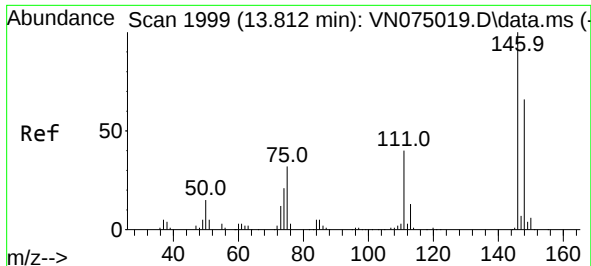
Tgt Ion: 75 Resp: 40442
Ion Ratio Lower Upper
75 100
77 0.8 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.948 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075165.D
Acq: 04 Nov 2022 11:05

Tgt Ion: 75 Resp: 40442
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

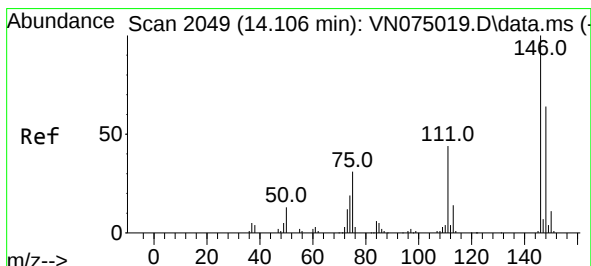
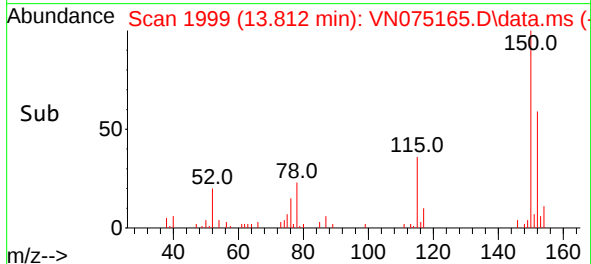
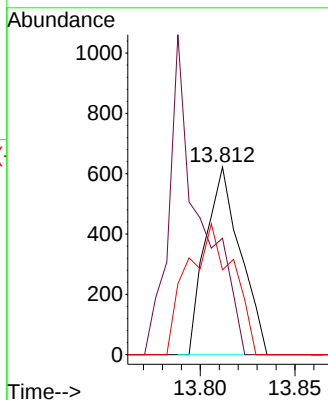
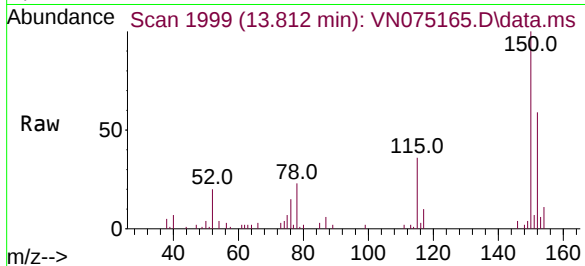




#88
1,4-Dichlorobenzene
Concen: 0.347 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075165.D
Acq: 04 Nov 2022 11:05

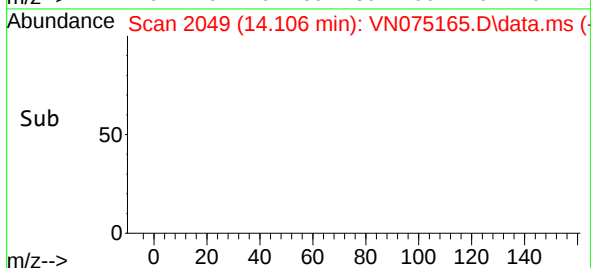
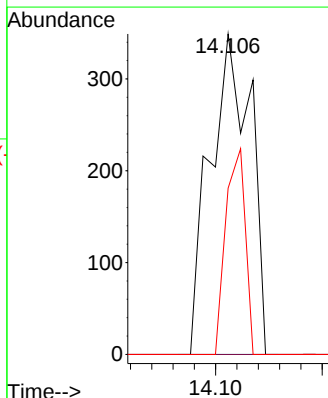
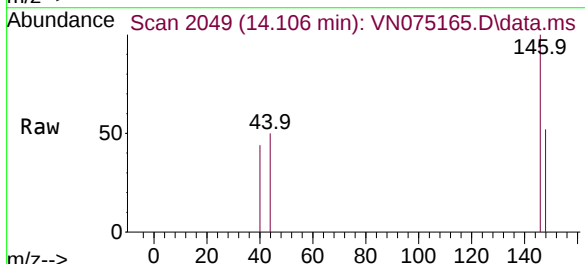
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBL01

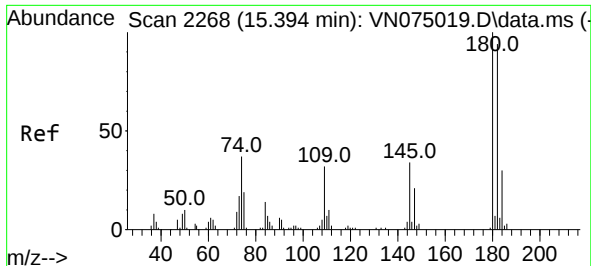
Tgt Ion:146 Resp: 797
Ion Ratio Lower Upper
146 100
111 0.0 20.1 60.3#
148 91.0 31.9 95.7



#91
1,2-Dichlorobenzene
Concen: 0.200 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075165.D
Acq: 04 Nov 2022 11:05

Tgt Ion:146 Resp: 462
Ion Ratio Lower Upper
146 100
111 0.0 21.3 63.9#
148 31.0 31.4 94.2#

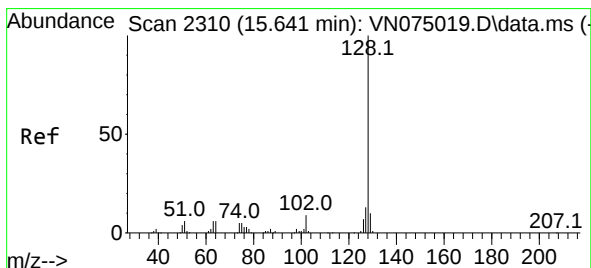
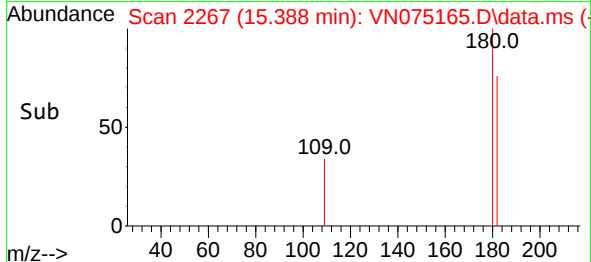
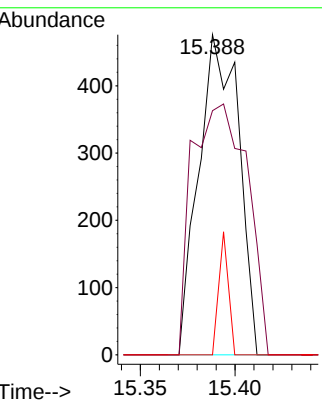
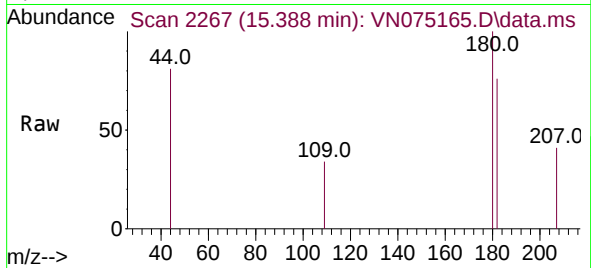




#93
1,2,4-Trichlorobenzene
Concen: 0.703 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN075165.D
Acq: 04 Nov 2022 11:05

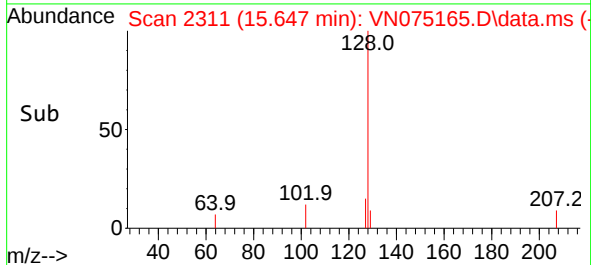
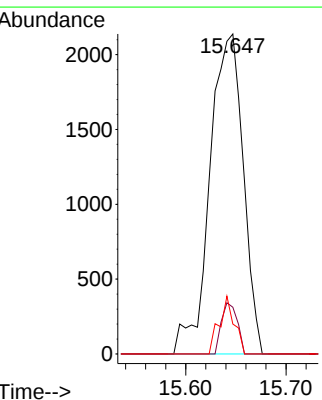
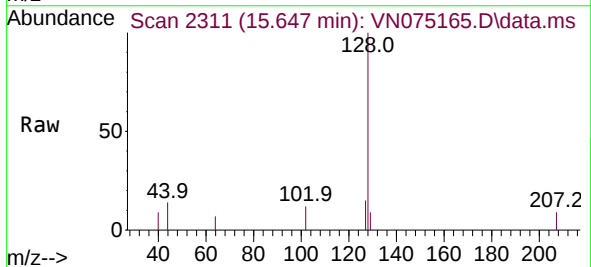
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBL01

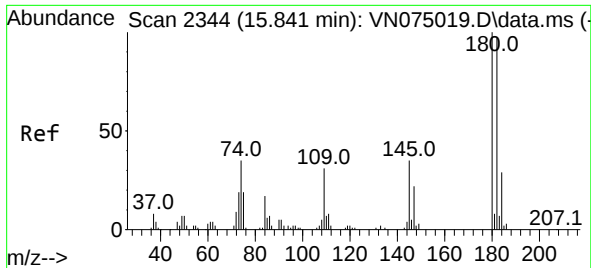
Tgt Ion:180 Resp: 698
Ion Ratio Lower Upper
180 100
182 108.2 47.8 143.4
145 9.3 16.8 50.3#



#95
Naphthalene
Concen: 1.296 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075165.D
Acq: 04 Nov 2022 11:05

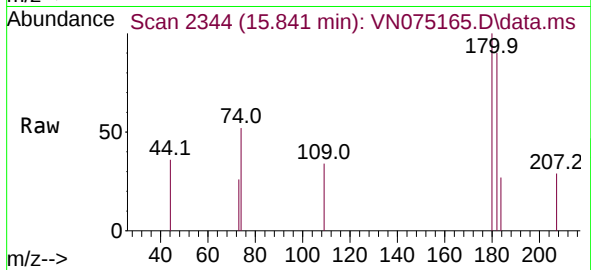
Tgt Ion:128 Resp: 4946
Ion Ratio Lower Upper
128 100
127 7.6 10.4 15.6#
129 8.1 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.218 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN075165.D
 Acq: 04 Nov 2022 11:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104MBL01



Tgt Ion:180 Resp: 1201
 Ion Ratio Lower Upper
 180 100
 182 83.2 47.3 141.8
 145 5.9 17.6 52.9#

