

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102822\
 Data File : VN075054.D
 Acq On : 28 Oct 2022 11:37
 Operator : JC\MD
 Sample : VN1028WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBL01

Quant Time: Oct 31 03:08:37 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	8.229	168	113139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	205142	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	176375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	68385	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	82539	54.145	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.280%
35) Dibromofluoromethane	8.171	113	62959	52.279	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.560%
50) Toluene-d8	10.570	98	247243	52.917	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.840%
62) 4-Bromofluorobenzene	12.853	95	71189	43.374	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.740%

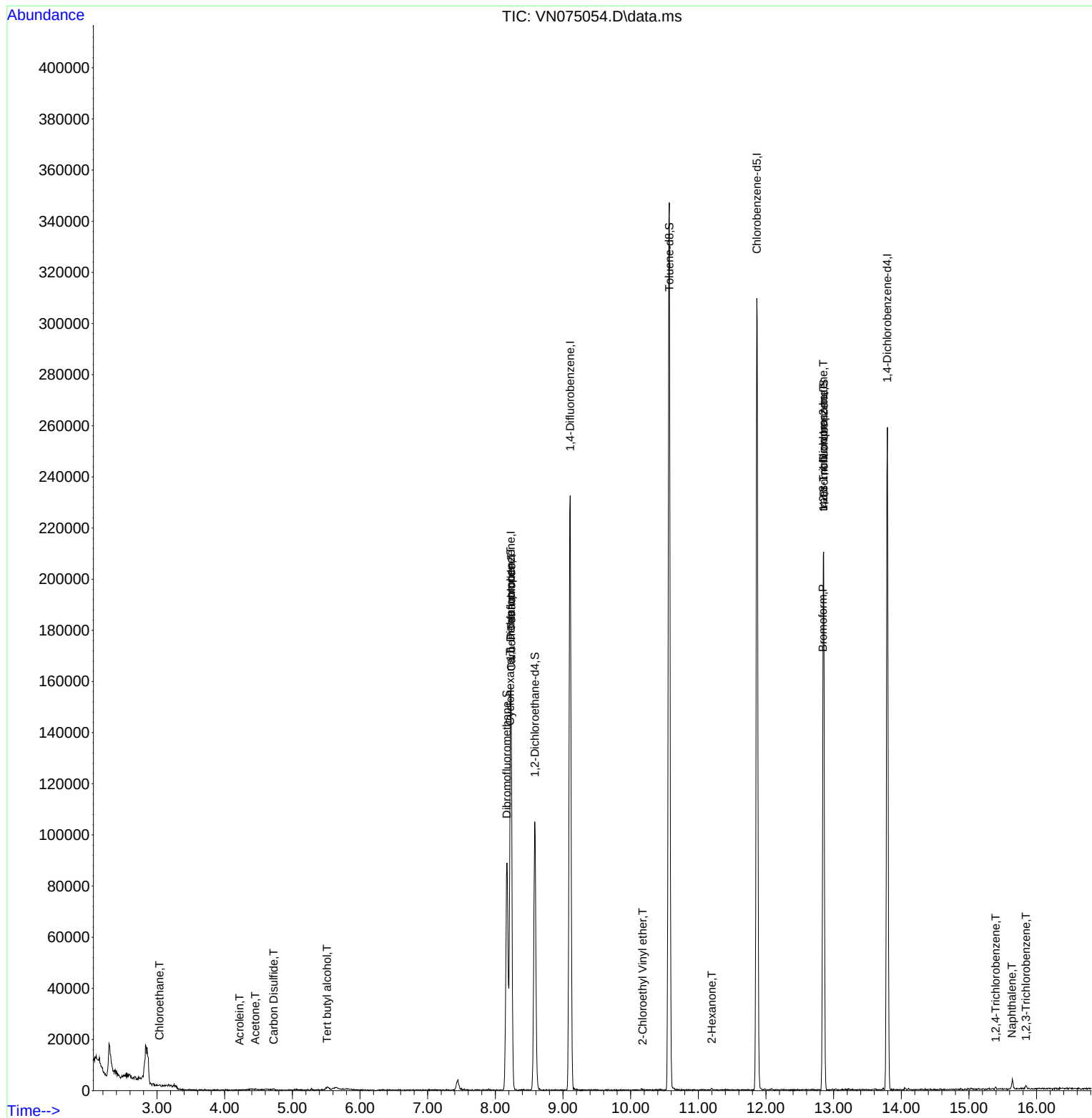
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.942	94	182	Below Cal		97
6) Chloroethane	3.036	64	436	0.273	ug/l #	45
11) Tert butyl alcohol	5.512	59	849	2.388	ug/l #	72
13) Acrolein	4.218	56	61	0.210	ug/l #	15
16) Acetone	4.453	43	215	0.333	ug/l #	43
17) Carbon Disulfide	4.724	76	612	0.203	ug/l #	74
31) Cyclohexane	8.218	56	2991	1.319	ug/l #	62
36) 1,1-Dichloropropene	8.224	75	10210	5.476	ug/l #	50
38) Carbon Tetrachloride	8.235	117	12582	6.135	ug/l #	15
58) 2-Chloroethyl Vinyl ether	10.176	63	298	0.334	ug/l #	44
59) 2-Hexanone	11.200	43	518	0.333	ug/l #	50
71) Bromoform	12.841	173	217	0.208	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	40667	28.008	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	40667	71.895	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.394	180	531	0.524	ug/l #	82
95) Naphthalene	15.635	128	4016	1.031	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.841	180	752	0.747	ug/l #	87

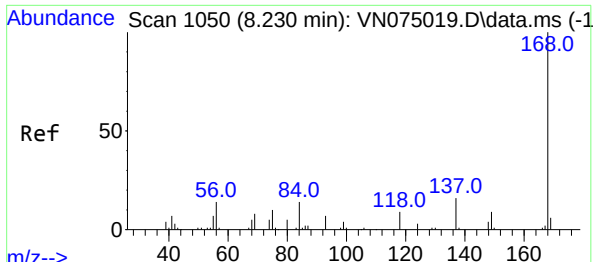
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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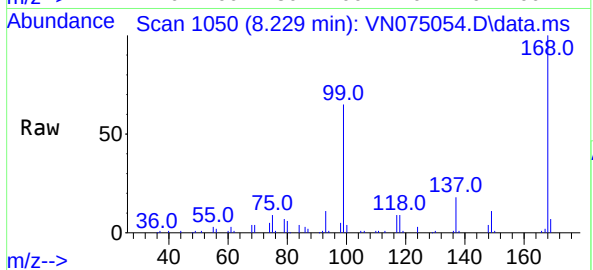
Quant Time: Oct 31 03:08:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
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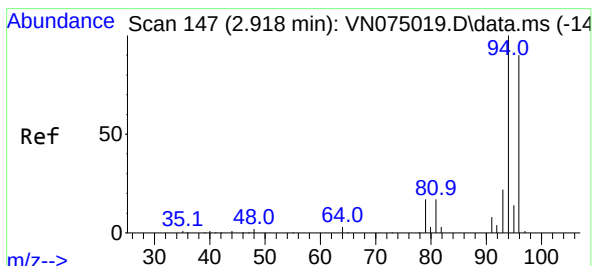
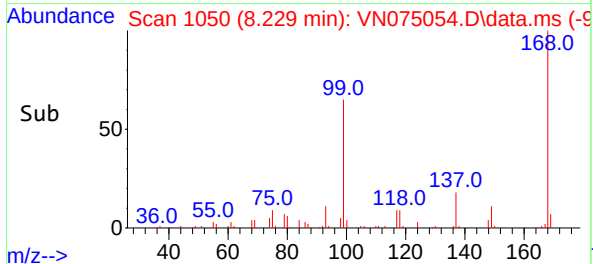
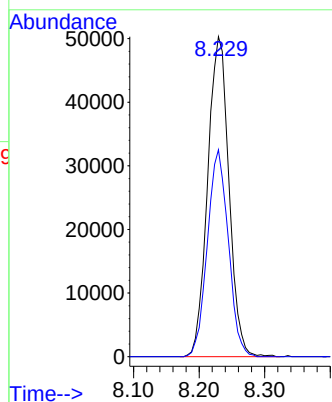


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN075054.D
Acq: 28 Oct 2022 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBL01

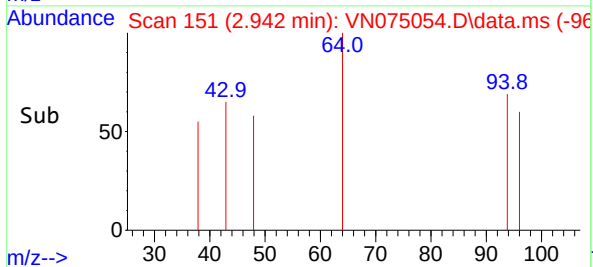
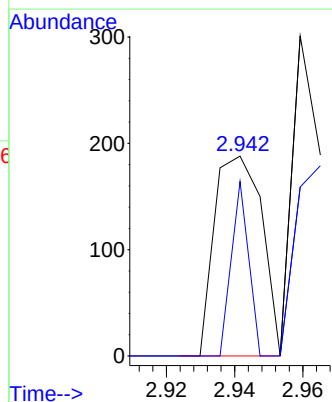
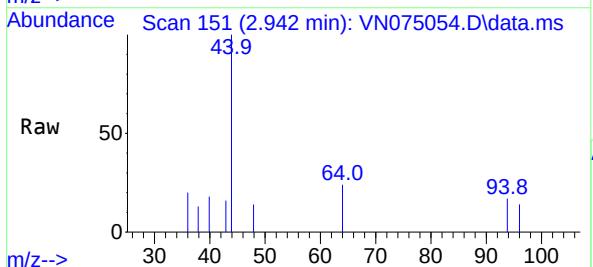


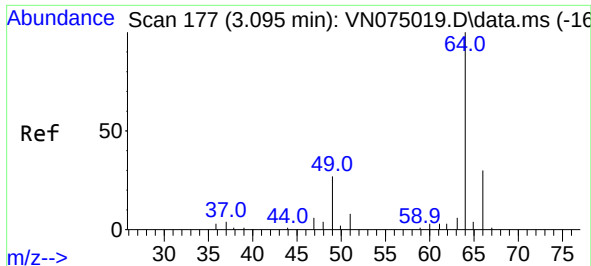
Tgt Ion:168 Resp: 113139
Ion Ratio Lower Upper
168 100
99 64.6 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.942 min Scan# 151
Delta R.T. 0.024 min
Lab File: VN075054.D
Acq: 28 Oct 2022 11:37

Tgt Ion: 94 Resp: 182
Ion Ratio Lower Upper
94 100
96 87.2 71.8 107.6

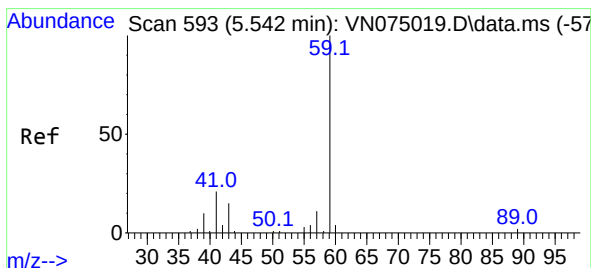
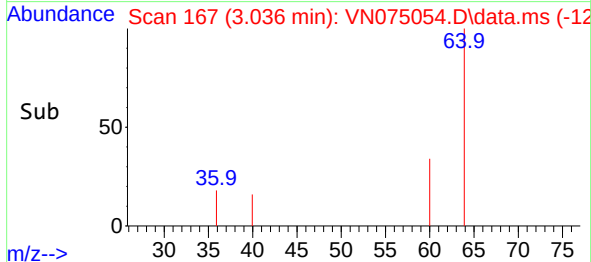
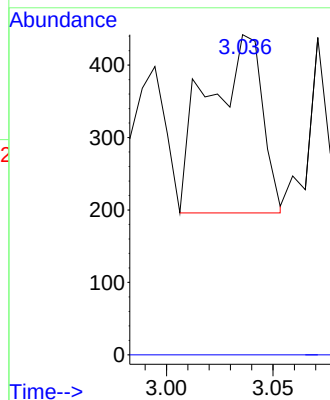
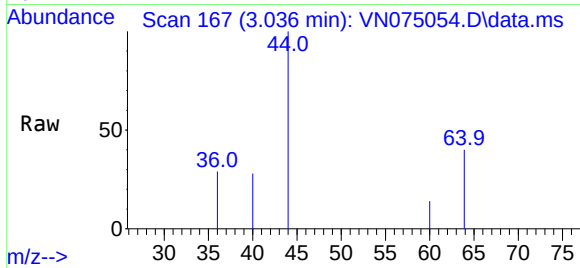




#6
Chloroethane
Concen: 0.273 ug/l
RT: 3.036 min Scan# 11
Delta R.T. -0.059 min
Lab File: VN075054.D
Acq: 28 Oct 2022 11:37

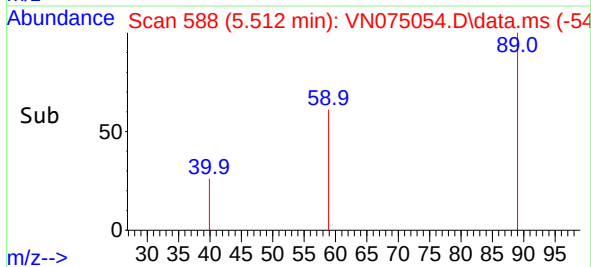
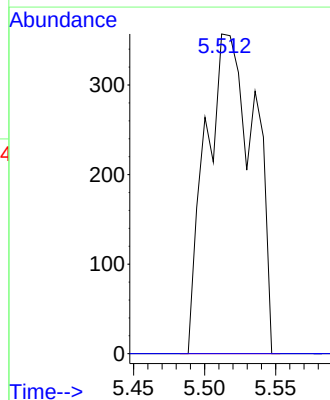
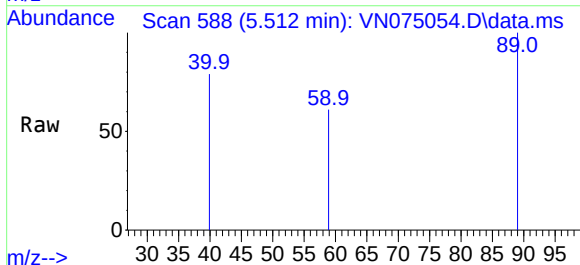
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBL01

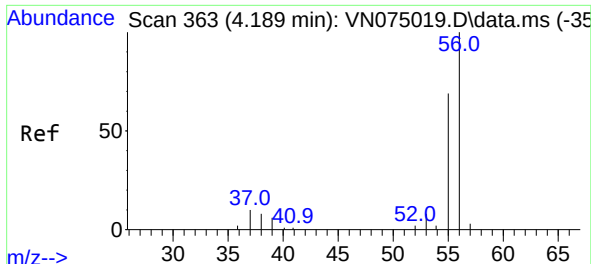
Tgt Ion: 64 Resp: 436
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 2.388 ug/l
RT: 5.512 min Scan# 588
Delta R.T. -0.030 min
Lab File: VN075054.D
Acq: 28 Oct 2022 11:37

Tgt Ion: 59 Resp: 849
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

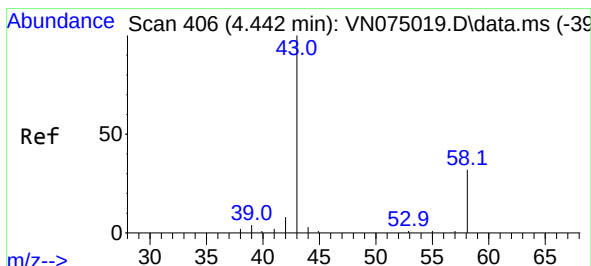
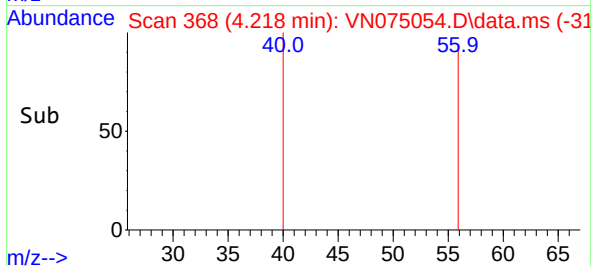
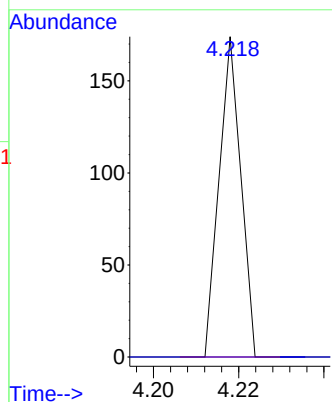
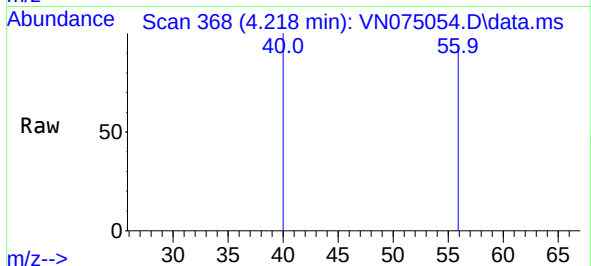




#13
Acrolein
Concen: 0.210 ug/l
RT: 4.218 min Scan# 30
Delta R.T. 0.029 min
Lab File: VN075054.D
Acq: 28 Oct 2022 11:37

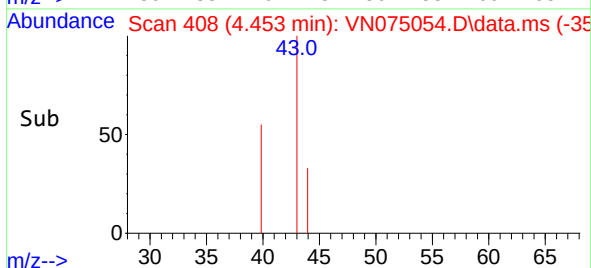
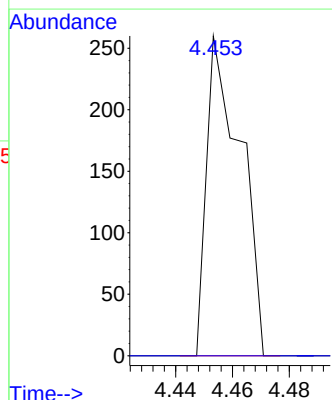
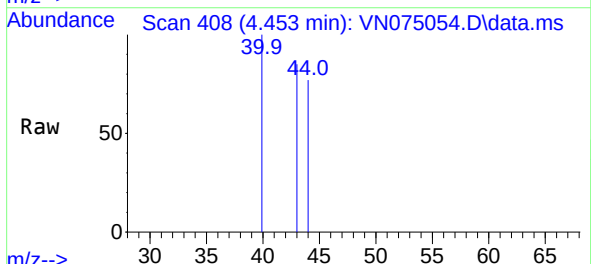
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBL01

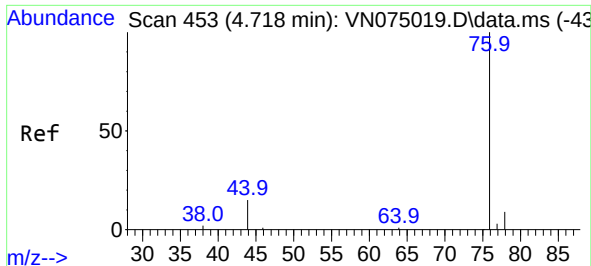
Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 0.0 55.2 82.8#



#16
Acetone
Concen: 0.333 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.011 min
Lab File: VN075054.D
Acq: 28 Oct 2022 11:37

Tgt Ion: 43 Resp: 215
Ion Ratio Lower Upper
43 100
58 0.0 25.5 38.3#

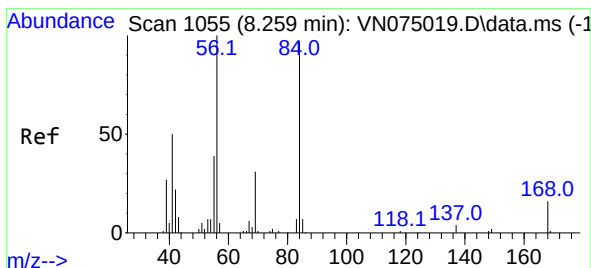
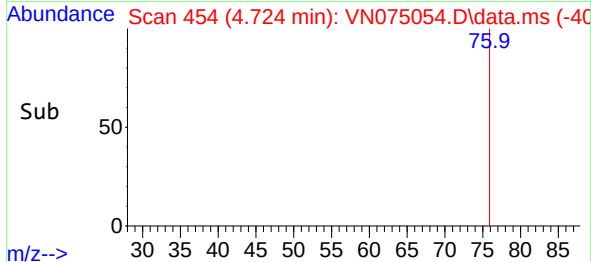
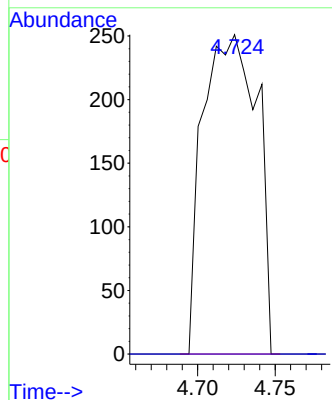
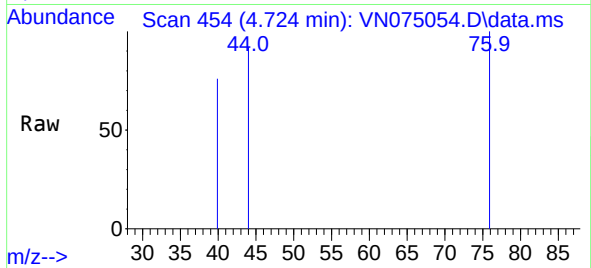




#17
Carbon Disulfide
Concen: 0.203 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN075054.D
Acq: 28 Oct 2022 11:37

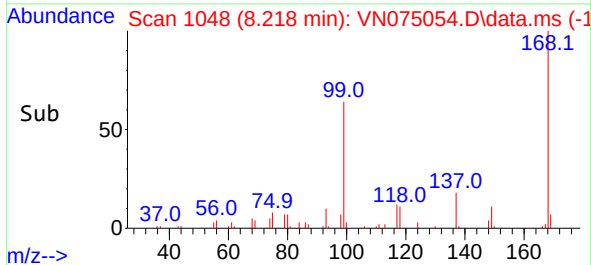
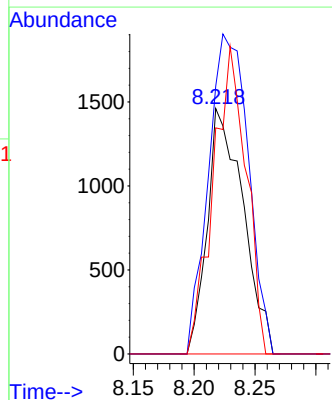
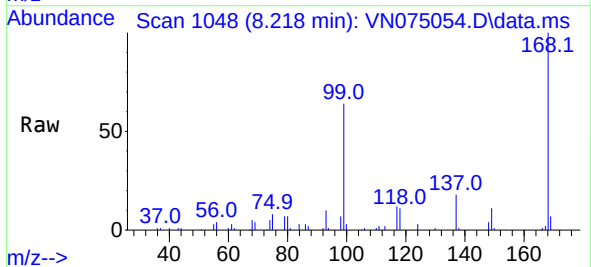
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBL01

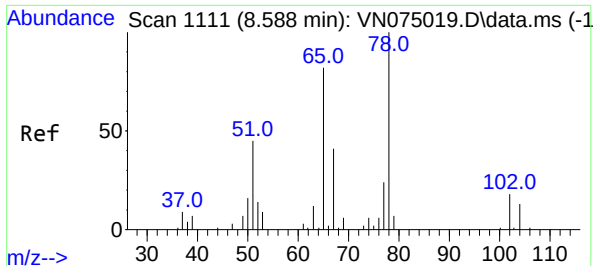
Tgt Ion: 76 Resp: 612
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#



#31
Cyclohexane
Concen: 1.319 ug/l
RT: 8.218 min Scan# 1048
Delta R.T. -0.041 min
Lab File: VN075054.D
Acq: 28 Oct 2022 11:37

Tgt Ion: 56 Resp: 2991
Ion Ratio Lower Upper
56 100
69 109.1 25.2 37.8#
84 92.1 77.8 116.8





#33

1,2-Dichloroethane-d4

Concen: 54.145 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075054.D

Acq: 28 Oct 2022 11:37

Instrument :

MSVOA_N

ClientSampleId :

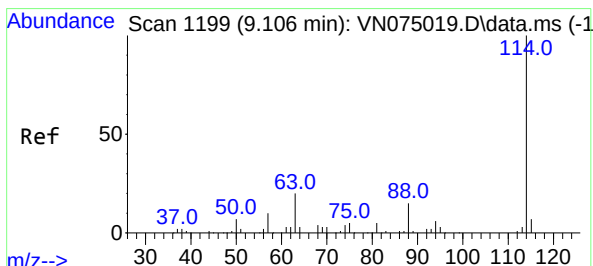
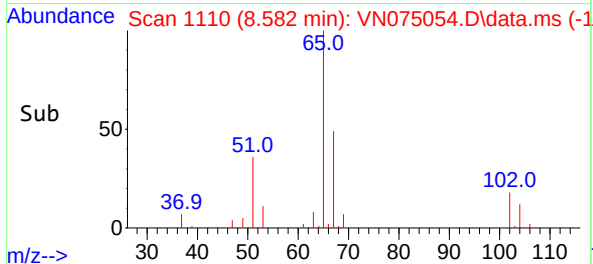
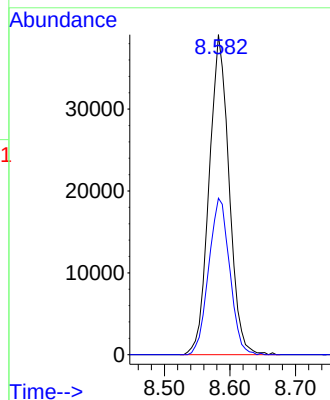
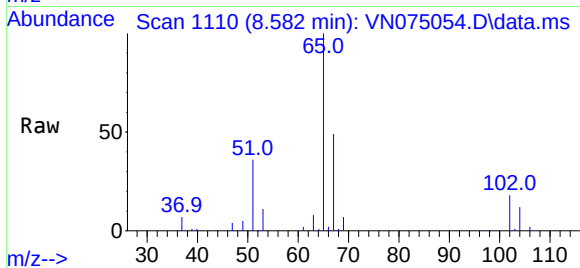
VN1028WBL01

Tgt Ion: 65 Resp: 82539

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: VN075054.D

Acq: 28 Oct 2022 11:37

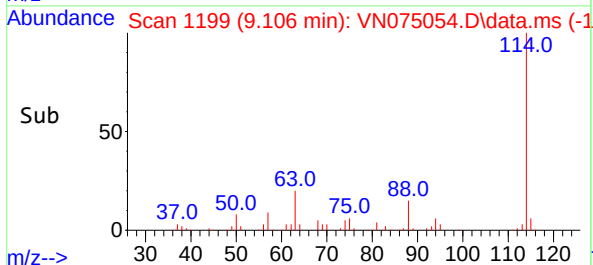
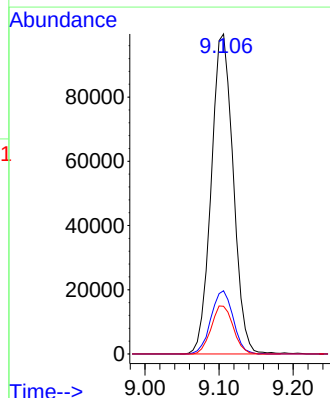
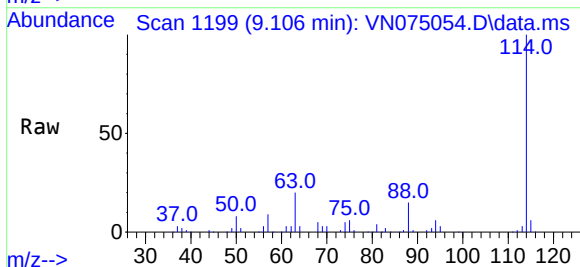
Tgt Ion: 114 Resp: 205142

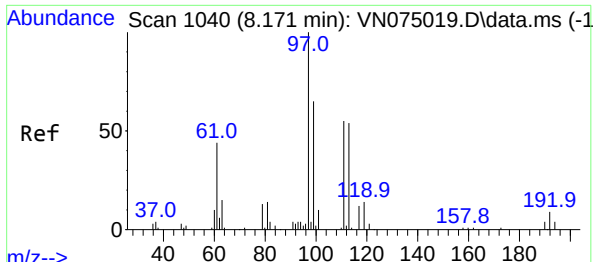
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

88 14.9 0.0 29.0

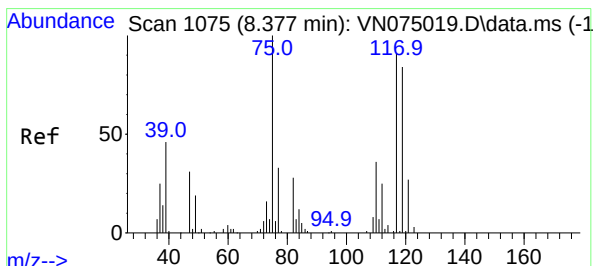
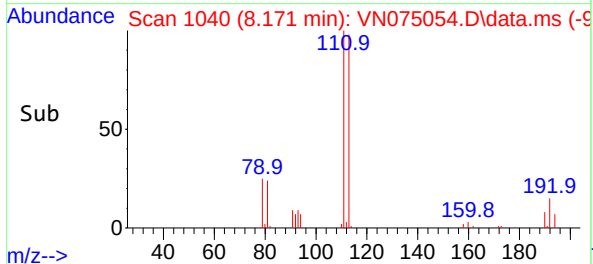
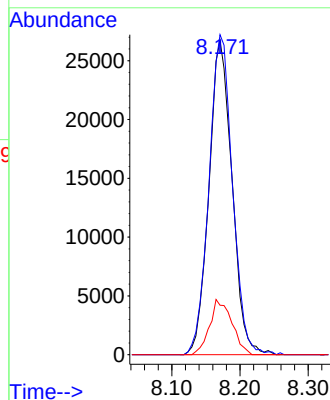
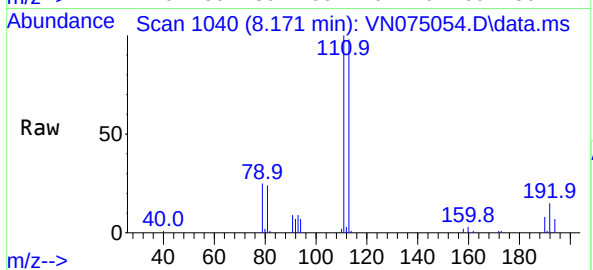




#35
Dibromofluoromethane
Concen: 52.279 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075054.D
Acq: 28 Oct 2022 11:37

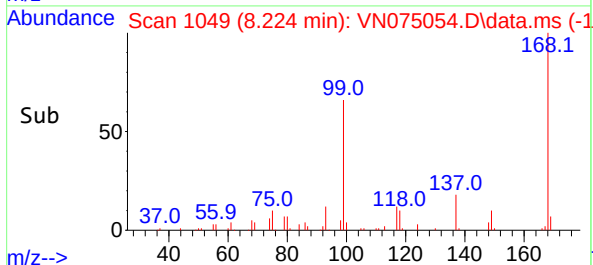
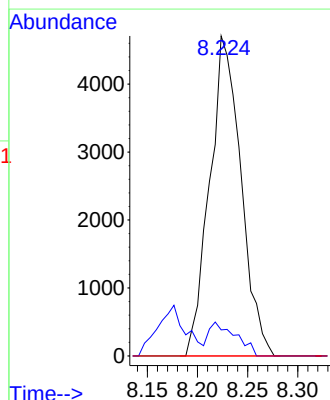
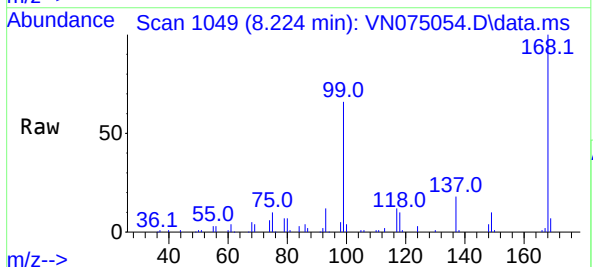
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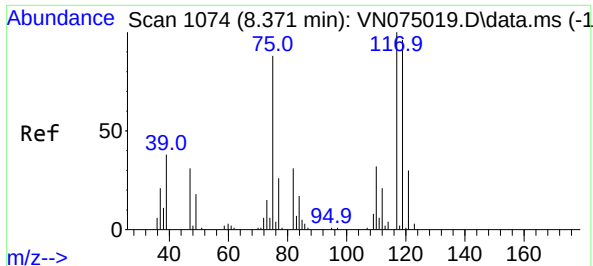
Tgt Ion:113 Resp: 62959
Ion Ratio Lower Upper
113 100
111 103.6 80.5 120.7
192 16.9 13.2 19.8



#36
1,1-Dichloropropene
Concen: 5.476 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.153 min
Lab File: VN075054.D
Acq: 28 Oct 2022 11:37

Tgt Ion: 75 Resp: 10210
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.3#
77 0.0 24.6 37.0#

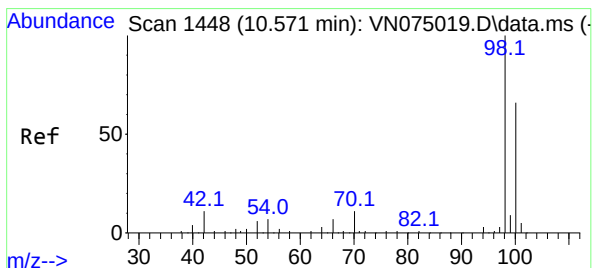
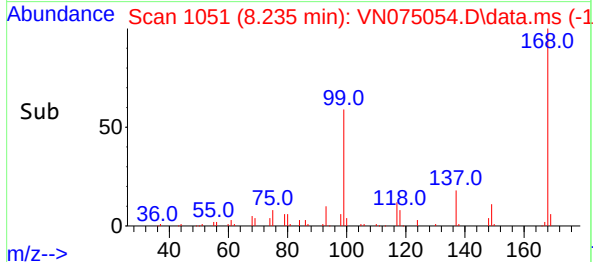
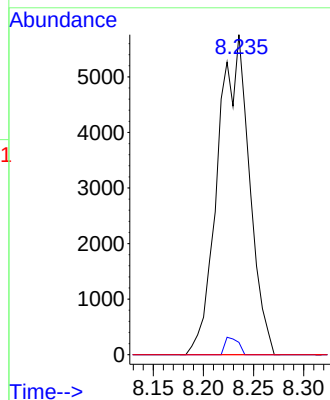
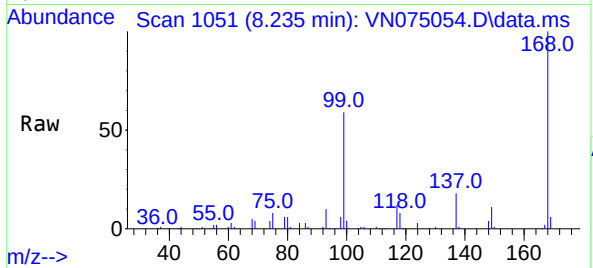




#38
Carbon Tetrachloride
Concen: 6.135 ug/l
RT: 8.235 min Scan# 1074
Delta R.T. -0.136 min
Lab File: VN075054.D
Acq: 28 Oct 2022 11:37

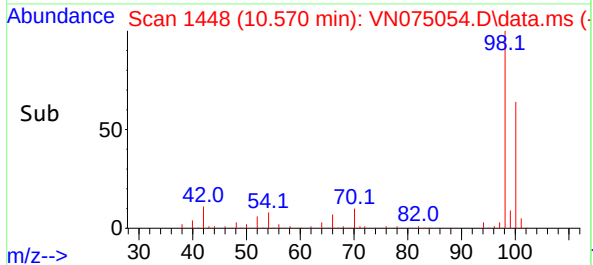
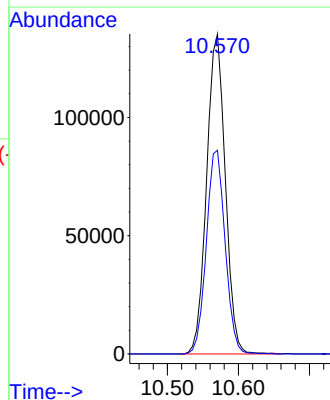
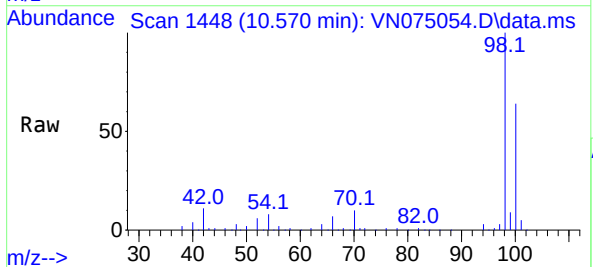
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBL01

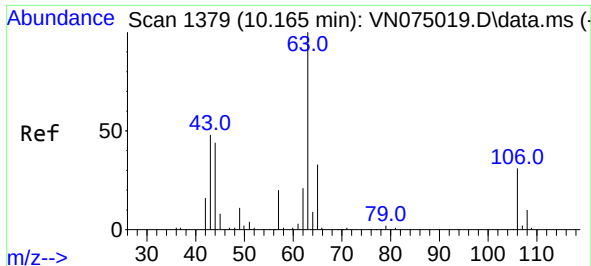
Tgt Ion:117 Resp: 12582
Ion Ratio Lower Upper
117 100
119 3.8 76.7 115.1#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 52.917 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.001 min
Lab File: VN075054.D
Acq: 28 Oct 2022 11:37

Tgt Ion: 98 Resp: 247243
Ion Ratio Lower Upper
98 100
100 64.2 53.0 79.6

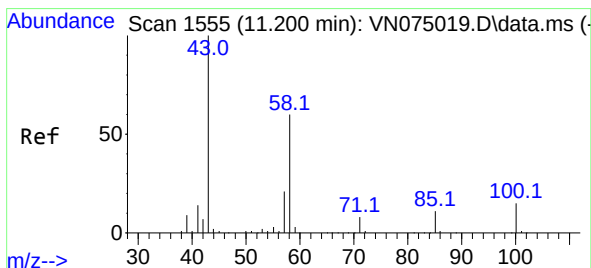
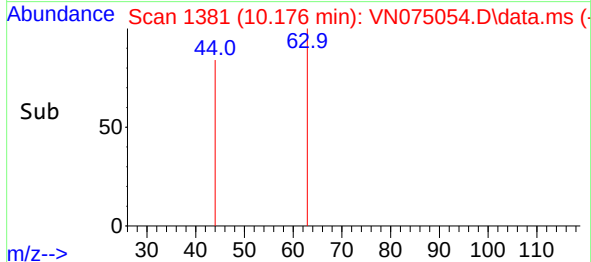
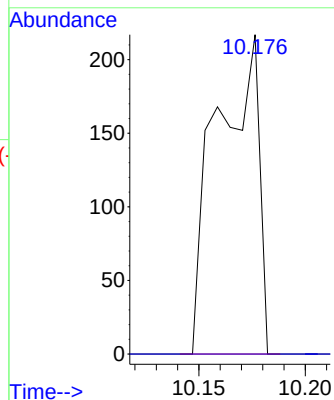
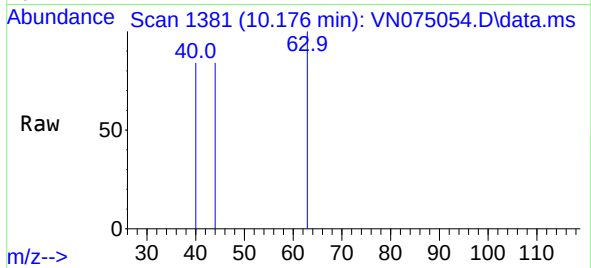




#58
2-Chloroethyl Vinyl ether
Concen: 0.334 ug/l
RT: 10.176 min Scan# 1381
Delta R.T. 0.011 min
Lab File: VN075054.D
Acq: 28 Oct 2022 11:37

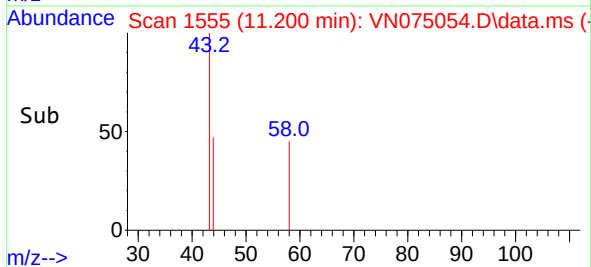
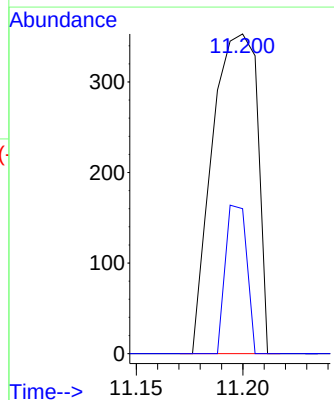
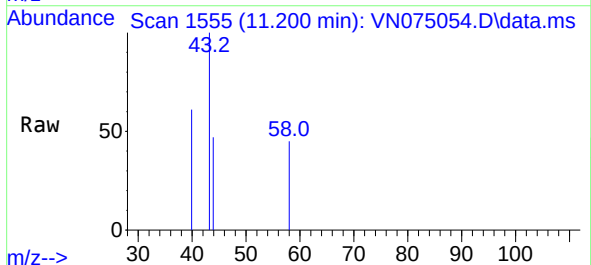
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBL01

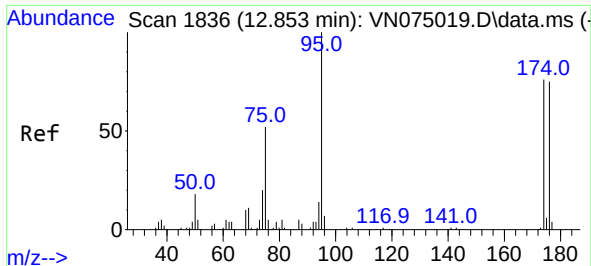
Tgt Ion: 63 Resp: 298
Ion Ratio Lower Upper
63 100
106 0.0 24.8 37.2#



#59
2-Hexanone
Concen: 0.333 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075054.D
Acq: 28 Oct 2022 11:37

Tgt Ion: 43 Resp: 518
Ion Ratio Lower Upper
43 100
58 22.0 29.6 88.8#

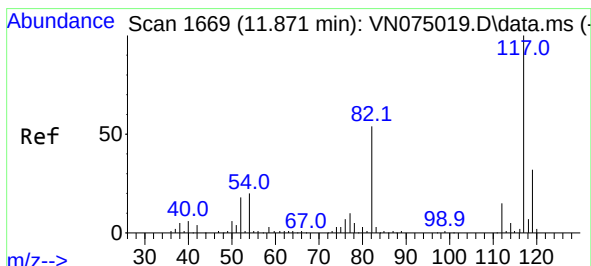
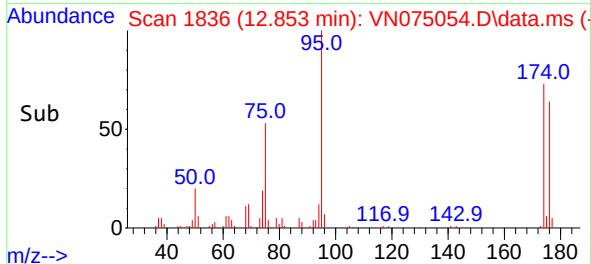
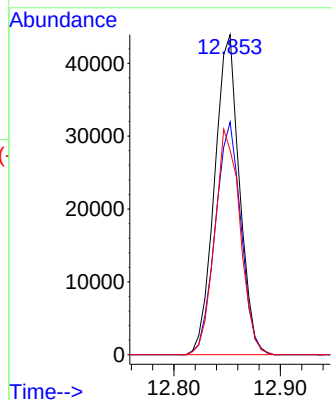
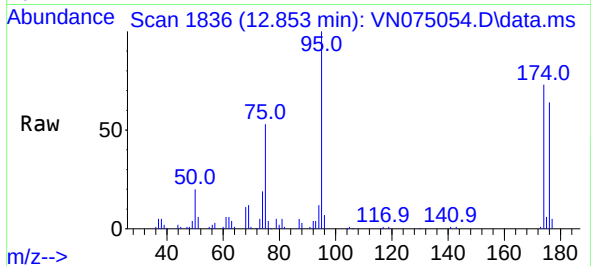




#62
4-Bromofluorobenzene
Concen: 43.374 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075054.D
Acq: 28 Oct 2022 11:37

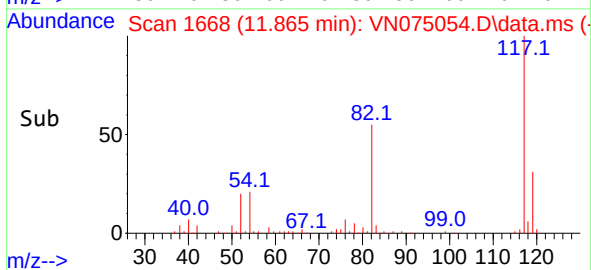
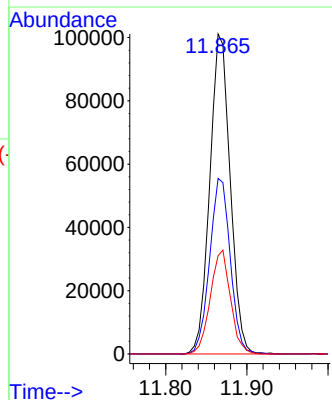
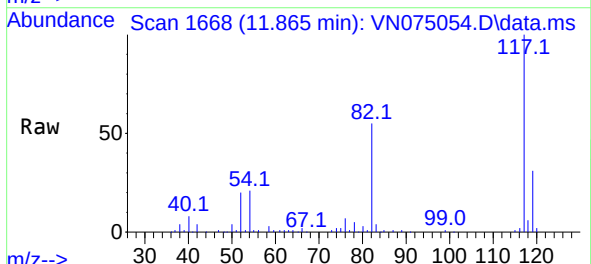
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBL01

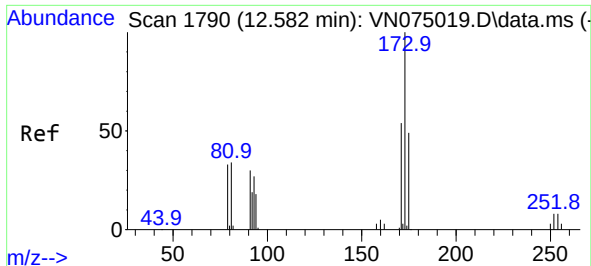
Tgt Ion: 95 Resp: 71189
Ion Ratio Lower Upper
95 100
174 74.8 0.0 147.4
176 72.2 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075054.D
Acq: 28 Oct 2022 11:37

Tgt Ion: 117 Resp: 176375
Ion Ratio Lower Upper
117 100
82 54.8 43.1 64.7
119 30.7 25.5 38.3

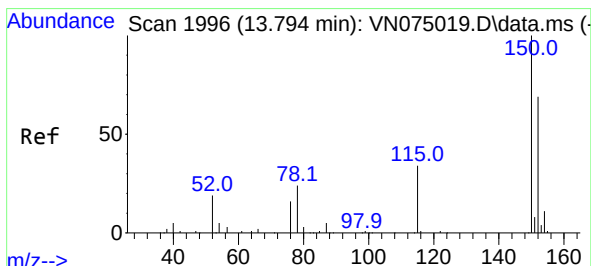
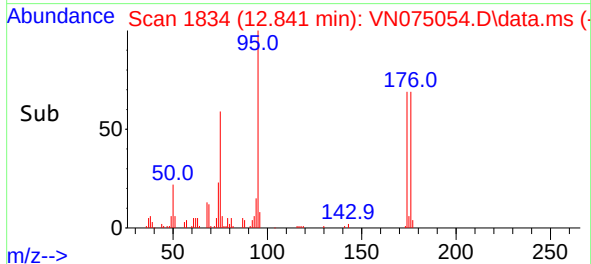
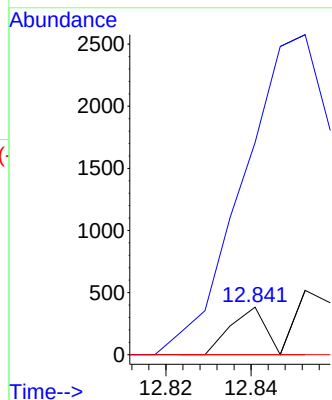
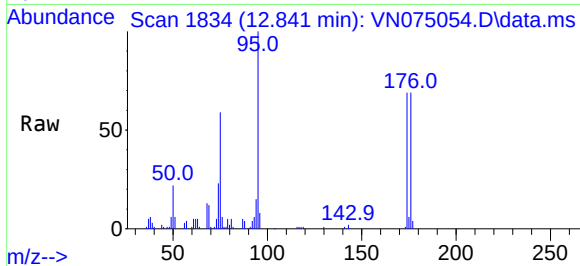




#71
Bromoform
Concen: 0.208 ug/l
RT: 12.841 min Scan# 11
Delta R.T. 0.259 min
Lab File: VN075054.D
Acq: 28 Oct 2022 11:37

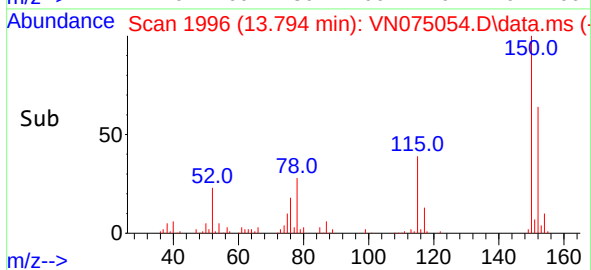
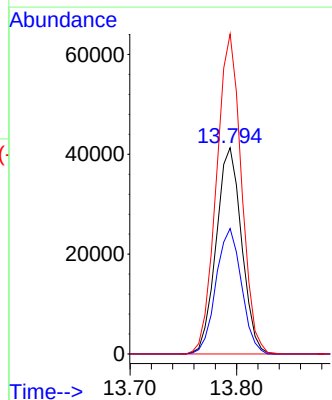
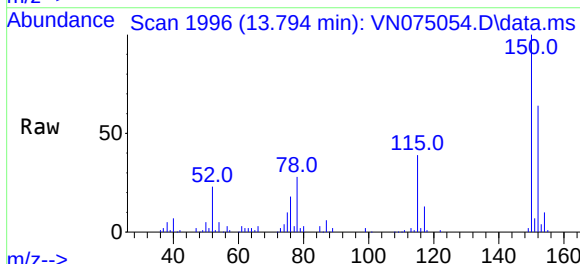
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBL01

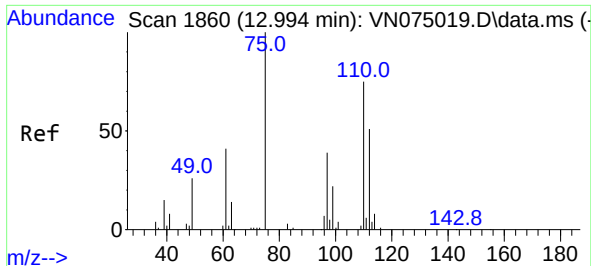
Tgt Ion:173 Resp: 217
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075054.D
Acq: 28 Oct 2022 11:37

Tgt Ion:152 Resp: 68385
Ion Ratio Lower Upper
152 100
115 61.0 30.2 90.6
150 152.4 0.0 348.4

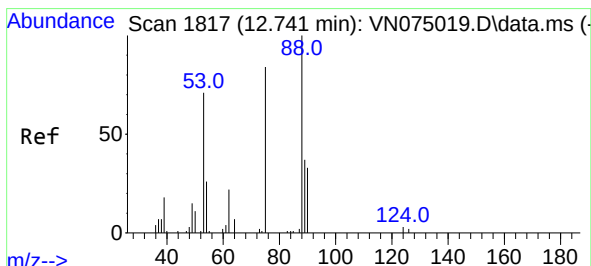
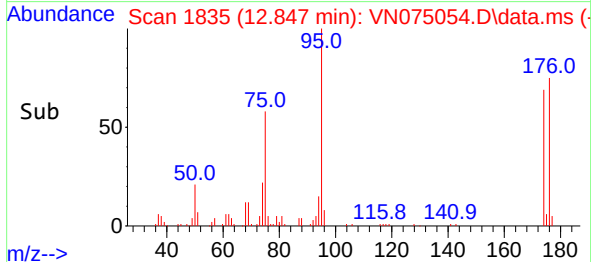
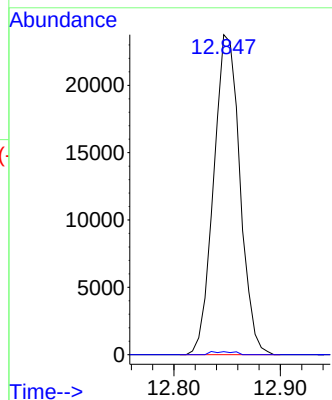
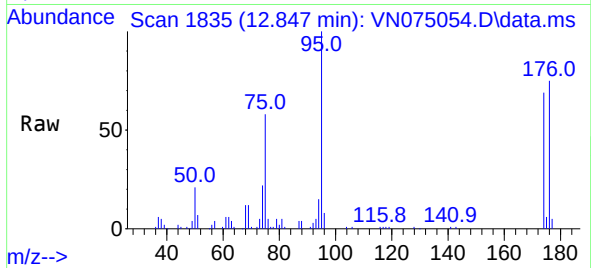




#76
1,2,3-Trichloropropane
Concen: 28.008 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075054.D
Acq: 28 Oct 2022 11:37

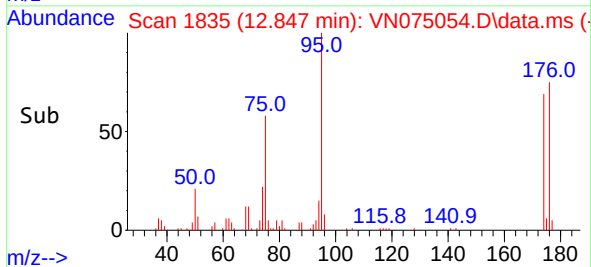
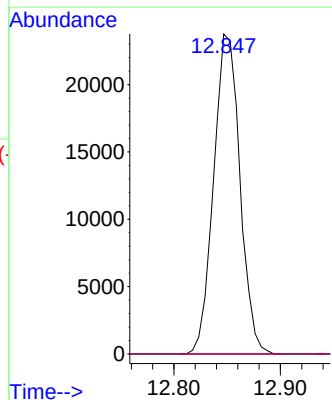
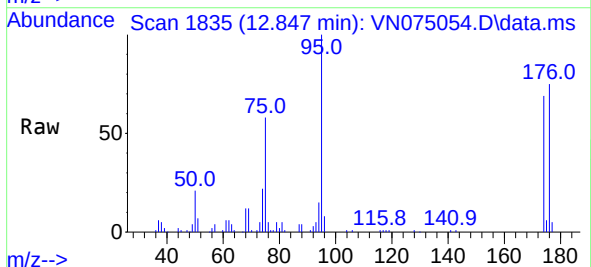
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBL01

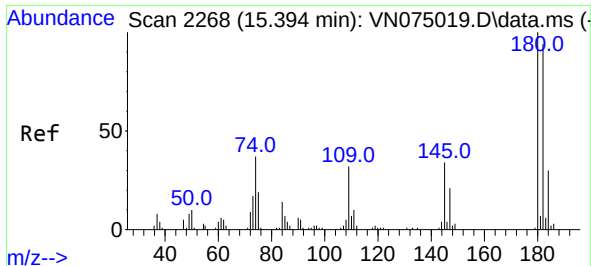
Tgt Ion: 75 Resp: 40667
Ion Ratio Lower Upper
75 100
77 0.9 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.895 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.106 min
Lab File: VN075054.D
Acq: 28 Oct 2022 11:37

Tgt Ion: 75 Resp: 40667
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

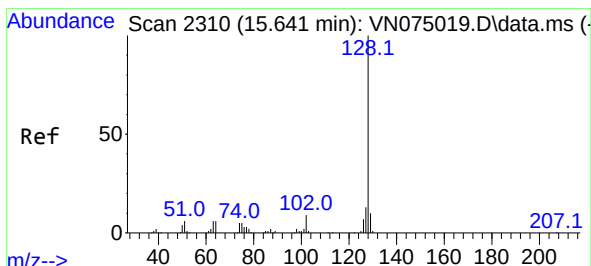
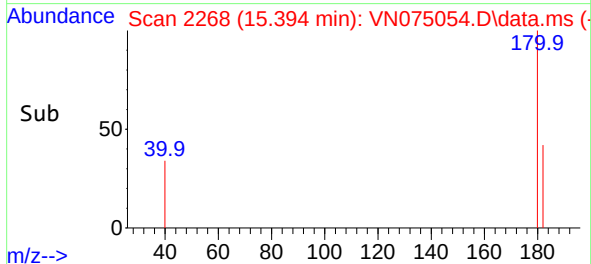
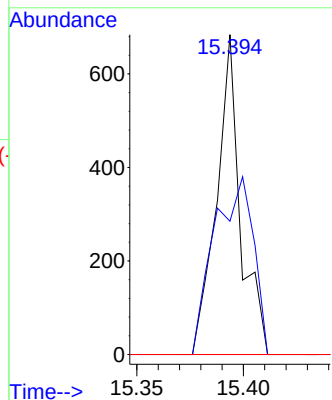
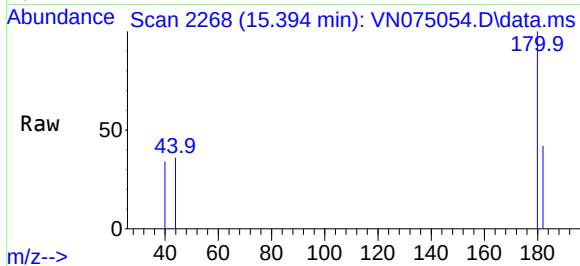




#93
1,2,4-Trichlorobenzene
Concen: 0.524 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075054.D
Acq: 28 Oct 2022 11:37

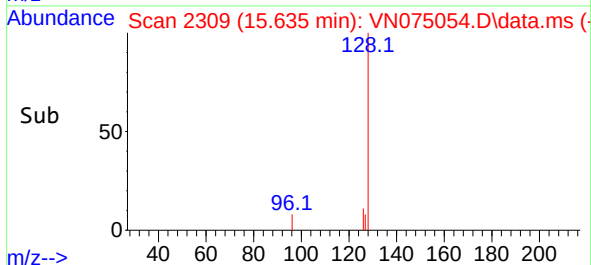
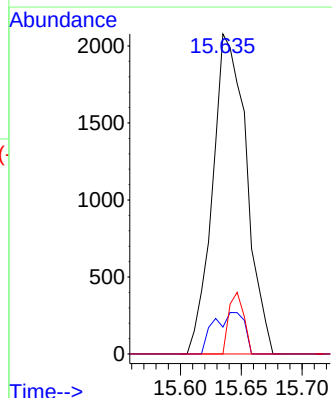
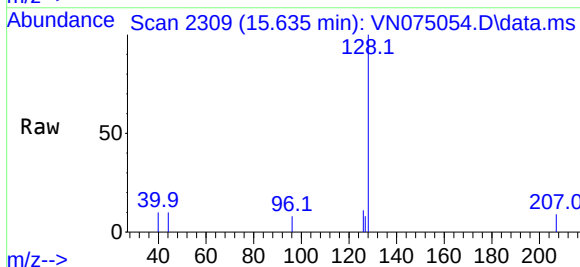
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBL01

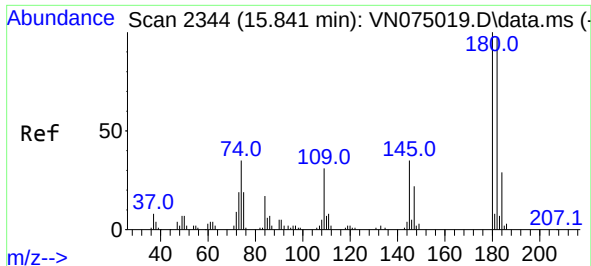
Tgt Ion:180 Resp: 531
Ion Ratio Lower Upper
180 100
182 91.7 47.8 143.4
145 0.0 16.8 50.3#



#95
Naphthalene
Concen: 1.031 ug/l
RT: 15.635 min Scan# 2309
Delta R.T. -0.006 min
Lab File: VN075054.D
Acq: 28 Oct 2022 11:37

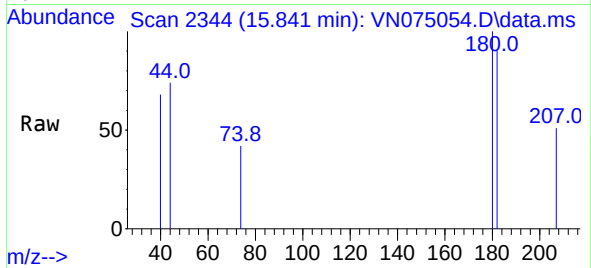
Tgt Ion:128 Resp: 4016
Ion Ratio Lower Upper
128 100
127 11.7 10.4 15.6
129 8.5 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.747 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN075054.D
 Acq: 28 Oct 2022 11:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBL01



Tgt Ion:180 Resp: 752
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.3 141.8
 145 8.2 17.6 52.9#

