

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120522\
 Data File : VN075573.D
 Acq On : 05 Dec 2022 20:54
 Operator : JC\MD
 Sample : N5845-01ME
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-120122

Quant Time: Dec 06 03:27:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

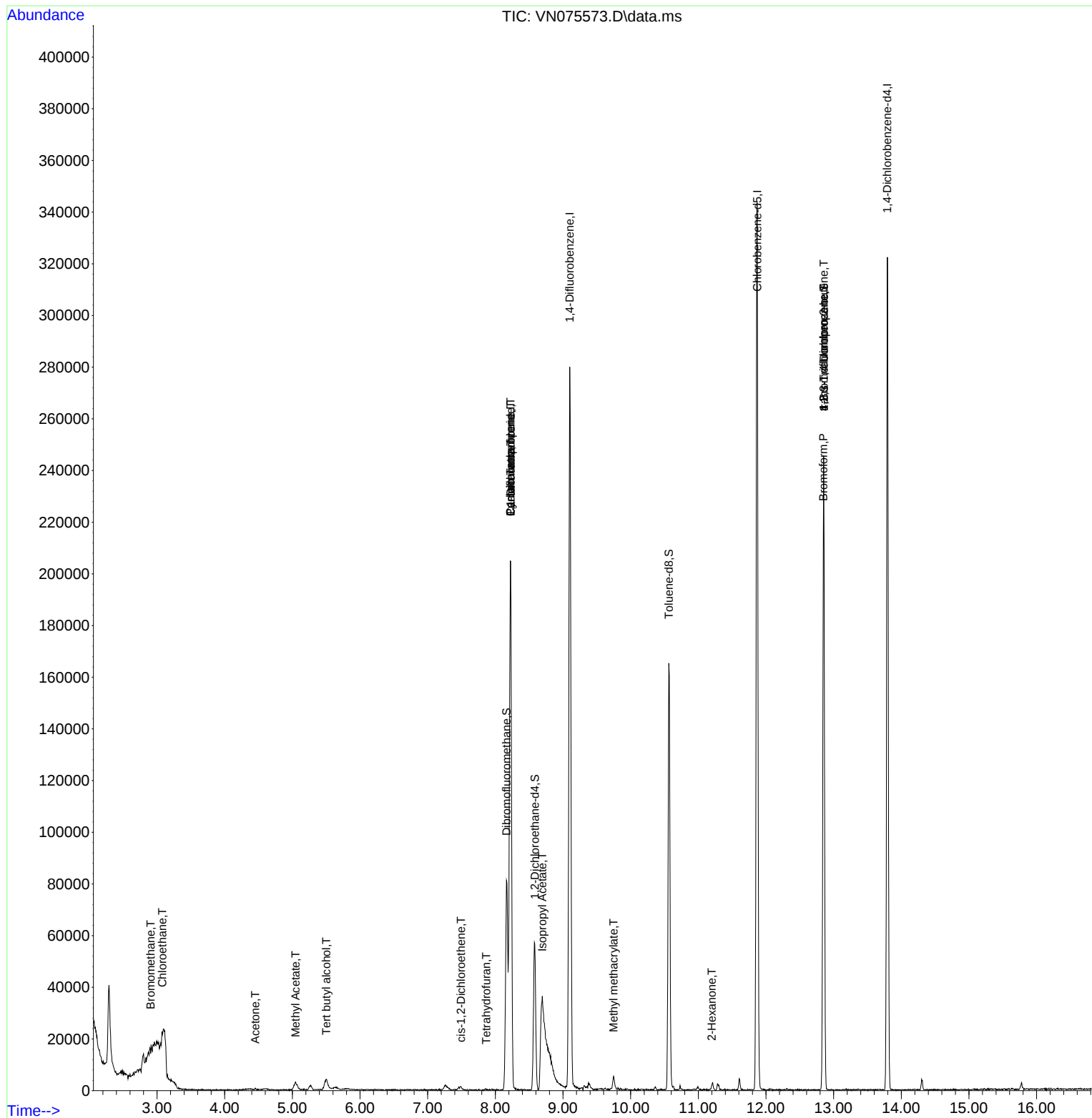
Internal Standards						
1) Pentafluorobenzene	8.224	168	159946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	261408	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	218315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	90961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	47179	54.951	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.900%			
35) Dibromofluoromethane	8.165	113	59082	57.535	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.060%			
50) Toluene-d8	10.565	98	122252	52.858	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.720%			
62) 4-Bromofluorobenzene	12.853	95	82287	48.202	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.400%			
Target Compounds					Qvalue	
5) Bromomethane	2.906	94	448	0.266	ug/l	93
6) Chloroethane	3.077	64	11483	7.901	ug/l #	57
11) Tert butyl alcohol	5.500	59	3664	10.166	ug/l #	72
16) Acetone	4.453	43	347	0.433	ug/l #	43
18) Methyl Acetate	5.047	43	6981	2.220	ug/l	96
20) Methylene Chloride	5.271	84	610	Below Cal	#	64
27) cis-1,2-Dichloroethene	7.494	96	399	0.209	ug/l	71
29) Tetrahydrofuran	7.865	42	187	0.275	ug/l #	49
31) Cyclohexane	8.224	56	2824	1.035	ug/l #	8
36) 1,1-Dichloropropene	8.224	75	11826	5.281	ug/l #	48
38) Carbon Tetrachloride	8.224	117	16091	6.541	ug/l #	16
43) Isopropyl Acetate	8.694	43	82576	25.513	ug/l #	53
48) Methyl methacrylate	9.747	41	366	0.245	ug/l #	6
59) 2-Hexanone	11.200	43	865	0.559	ug/l #	21
71) Bromoform	12.847	173	569	0.444	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	41386	24.064	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	41386	71.200	ug/l #	10

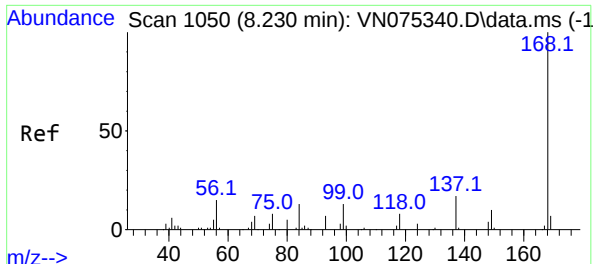
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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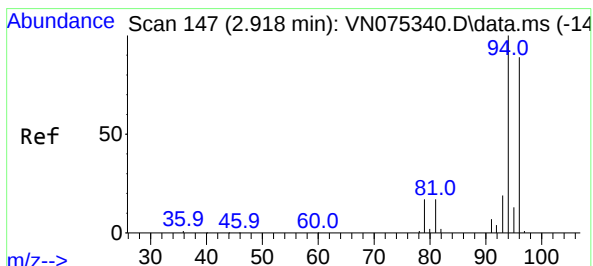
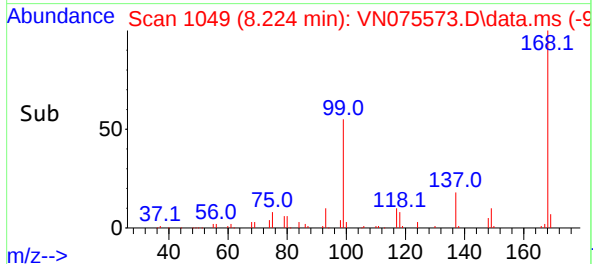
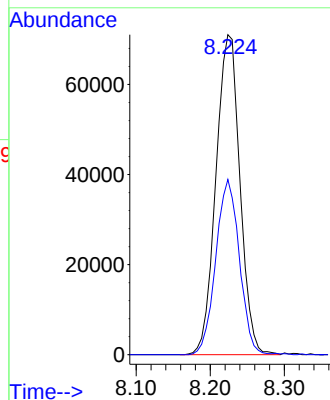
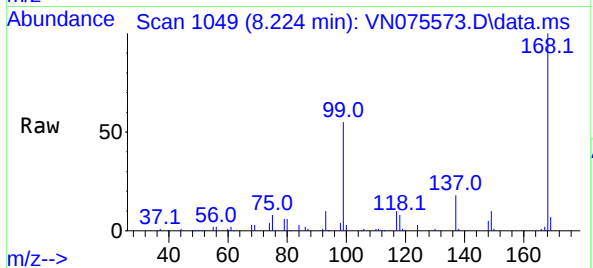




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN075573.D
Acq: 05 Dec 2022 20:54

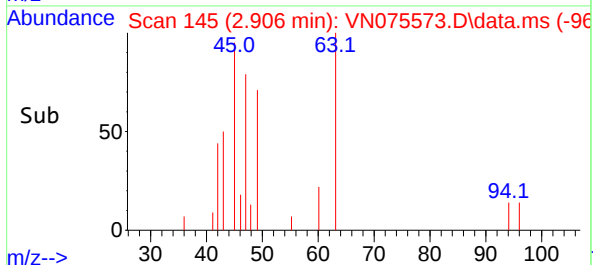
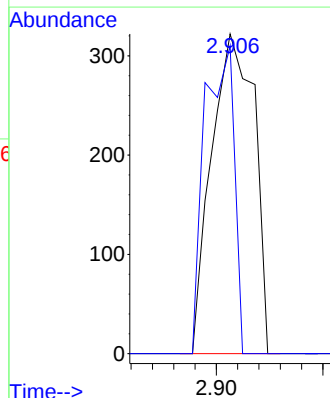
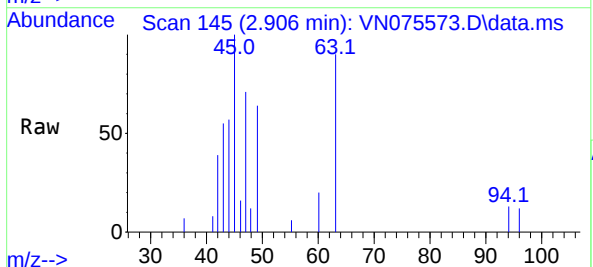
Instrument :
MSVOA_N
ClientSampleId :
OR-03-120122

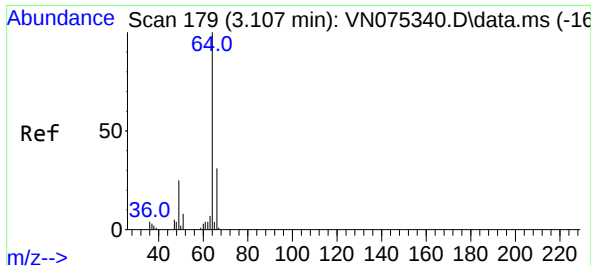
Tgt Ion:168 Resp: 159946
Ion Ratio Lower Upper
168 100
99 54.7 51.6 77.4



#5
Bromomethane
Concen: 0.266 ug/l
RT: 2.906 min Scan# 145
Delta R.T. -0.012 min
Lab File: VN075573.D
Acq: 05 Dec 2022 20:54

Tgt Ion: 94 Resp: 448
Ion Ratio Lower Upper
94 100
96 96.3 71.8 107.6

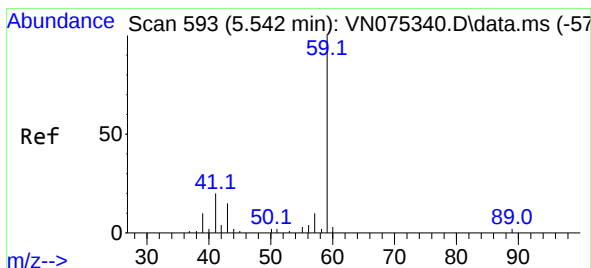
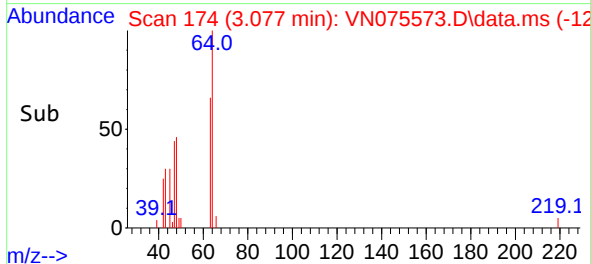
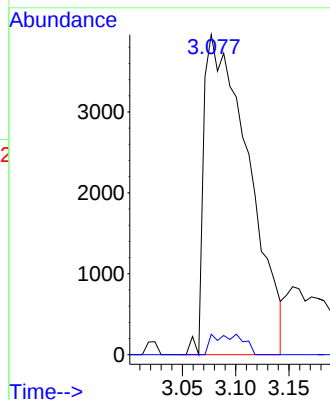
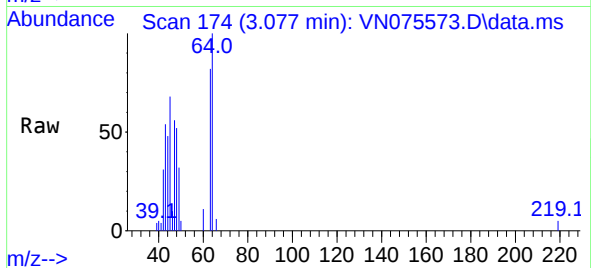




#6
Chloroethane
Concen: 7.901 ug/l
RT: 3.077 min Scan# 11
Delta R.T. -0.030 min
Lab File: VN075573.D
Acq: 05 Dec 2022 20:54

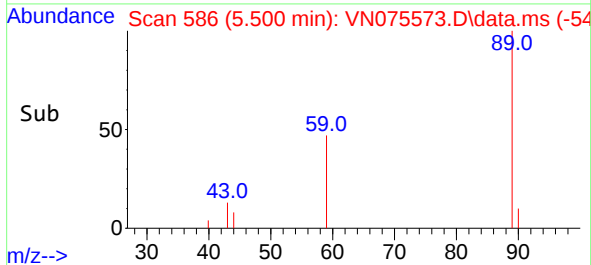
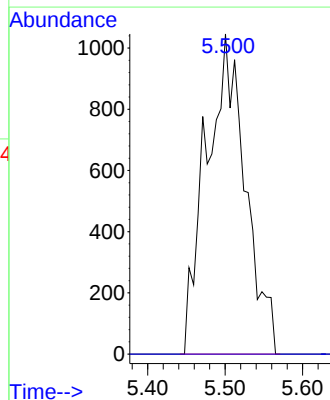
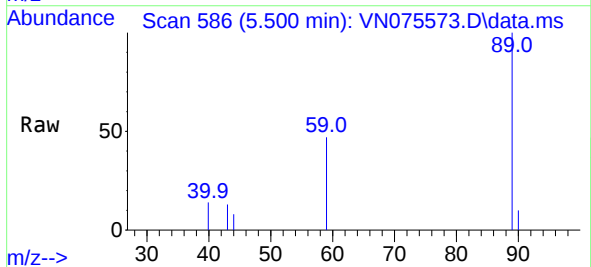
Instrument :
MSVOA_N
ClientSampleId :
OR-03-120122

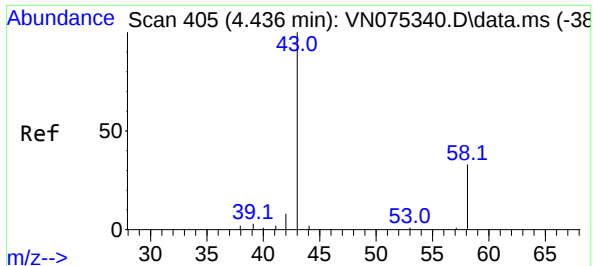
Tgt Ion: 64 Resp: 11483
Ion Ratio Lower Upper
64 100
66 6.4 23.8 35.8#



#11
Tert butyl alcohol
Concen: 10.166 ug/l
RT: 5.500 min Scan# 586
Delta R.T. -0.042 min
Lab File: VN075573.D
Acq: 05 Dec 2022 20:54

Tgt Ion: 59 Resp: 3664
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

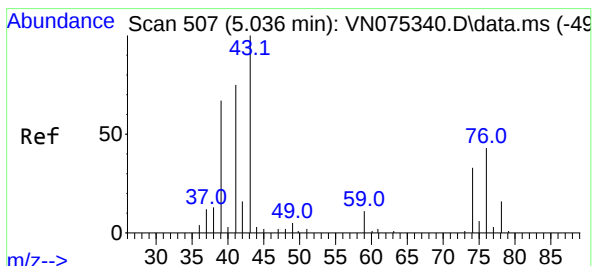
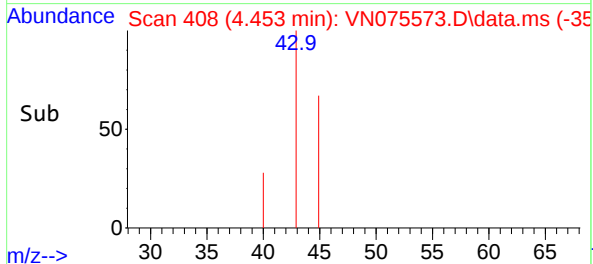
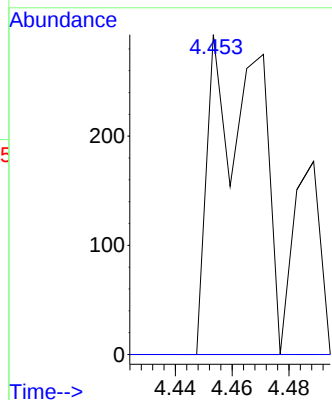
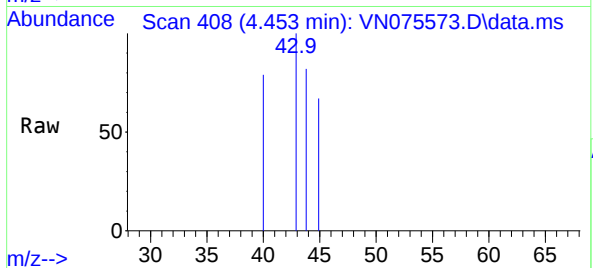




#16
Acetone
Concen: 0.433 ug/l
RT: 4.453 min Scan# 405
Delta R.T. 0.017 min
Lab File: VN075573.D
Acq: 05 Dec 2022 20:54

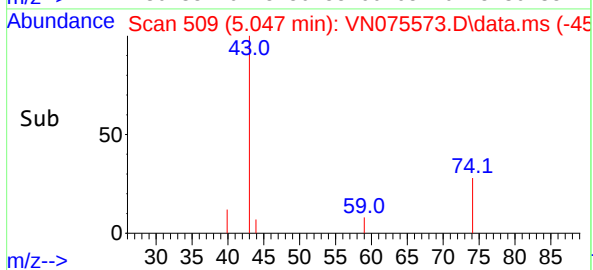
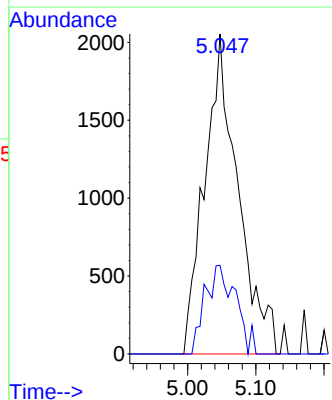
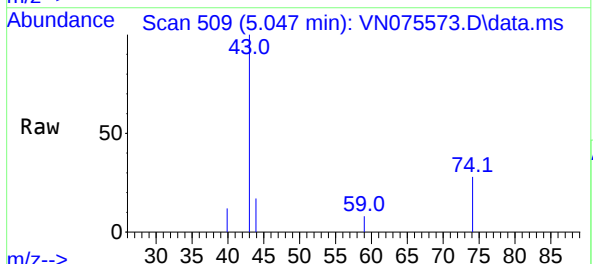
Instrument :
MSVOA_N
ClientSampleId :
OR-03-120122

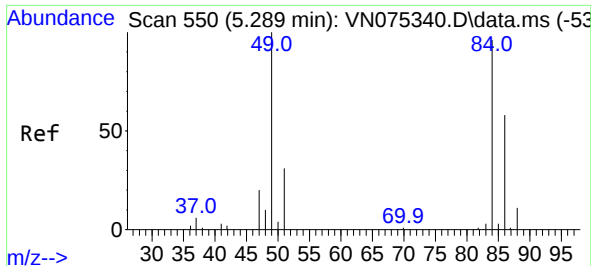
Tgt Ion: 43 Resp: 347
Ion Ratio Lower Upper
43 100
58 0.0 25.5 38.3#



#18
Methyl Acetate
Concen: 2.220 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.011 min
Lab File: VN075573.D
Acq: 05 Dec 2022 20:54

Tgt Ion: 43 Resp: 6981
Ion Ratio Lower Upper
43 100
74 25.3 22.0 33.0

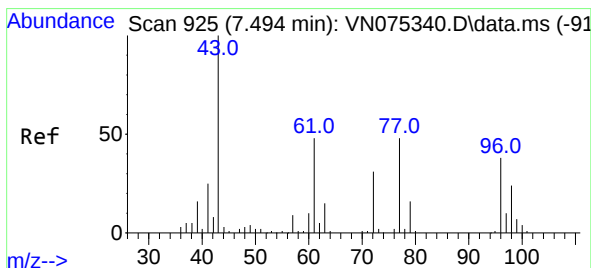
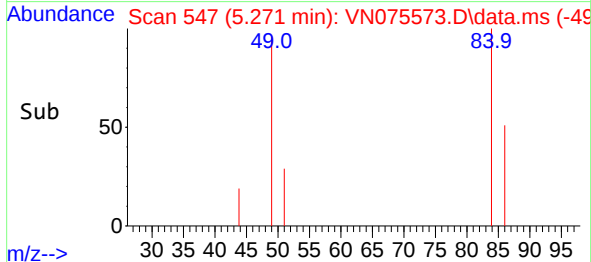
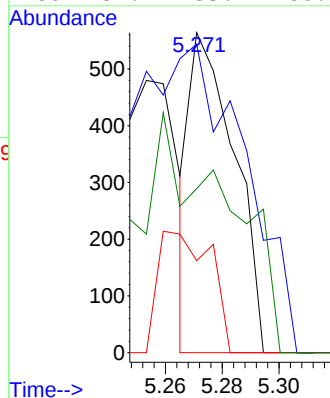
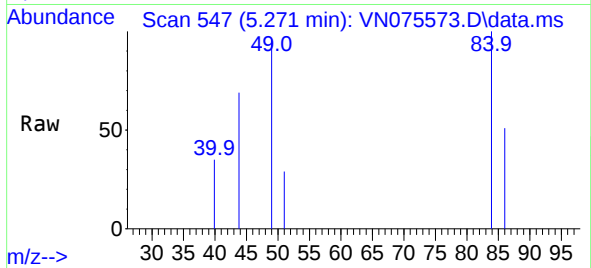




#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 54
Delta R.T. -0.018 min
Lab File: VN075573.D
Acq: 05 Dec 2022 20:54

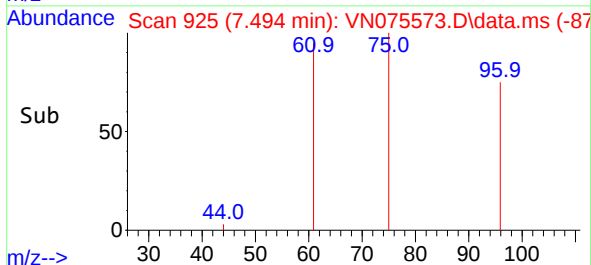
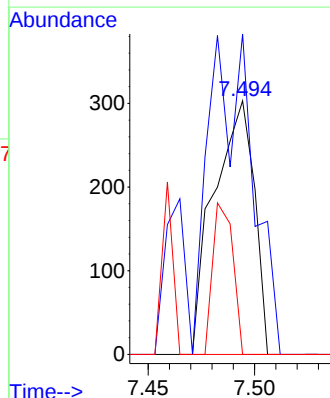
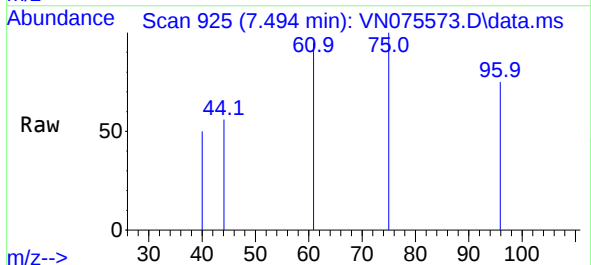
Instrument :
MSVOA_N
ClientSampleId :
OR-03-120122

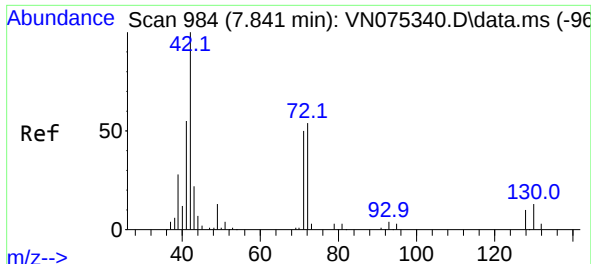
Tgt Ion: 84 Resp: 610
Ion Ratio Lower Upper
84 100
49 60.5 94.9 142.3#
51 28.7 26.8 40.2
86 51.2 53.7 80.5#



#27
cis-1,2-Dichloroethene
Concen: 0.209 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075573.D
Acq: 05 Dec 2022 20:54

Tgt Ion: 96 Resp: 399
Ion Ratio Lower Upper
96 100
61 165.9 0.0 278.8
98 29.8 0.0 128.4





#29

Tetrahydrofuran

Concen: 0.275 ug/l

RT: 7.865 min Scan# 91

Delta R.T. 0.024 min

Lab File: VN075573.D

Acq: 05 Dec 2022 20:54

Instrument :

MSVOA_N

ClientSampleId :

OR-03-120122

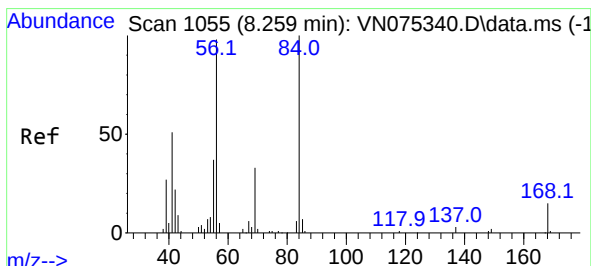
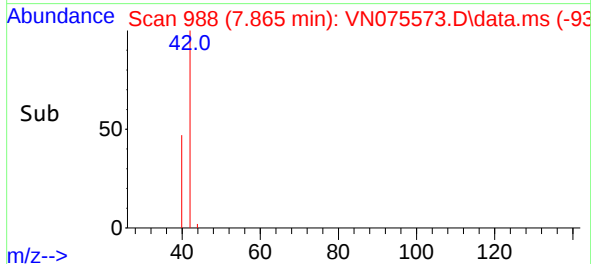
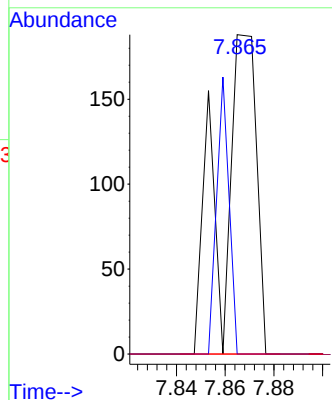
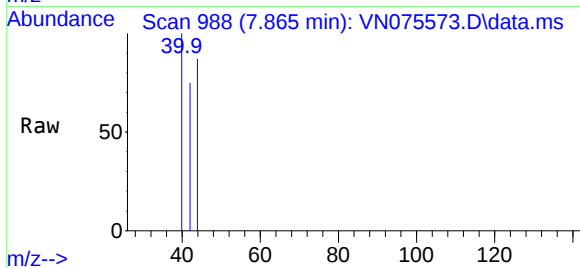
Tgt Ion: 42 Resp: 187

Ion Ratio Lower Upper

42 100

72 31.0 43.0 64.6#

71 0.0 39.9 59.9#



#31

Cyclohexane

Concen: 1.035 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.035 min

Lab File: VN075573.D

Acq: 05 Dec 2022 20:54

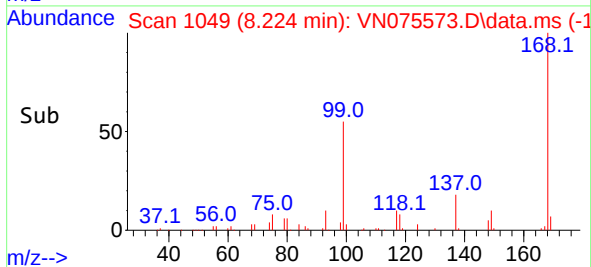
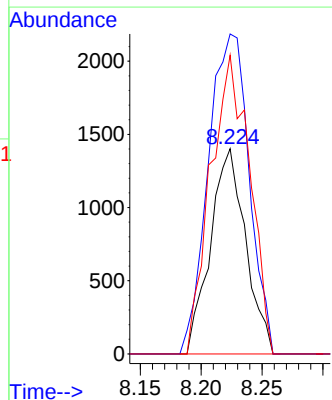
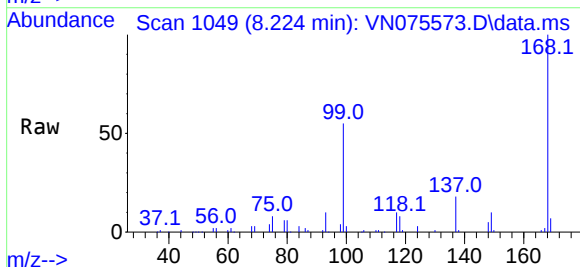
Tgt Ion: 56 Resp: 2824

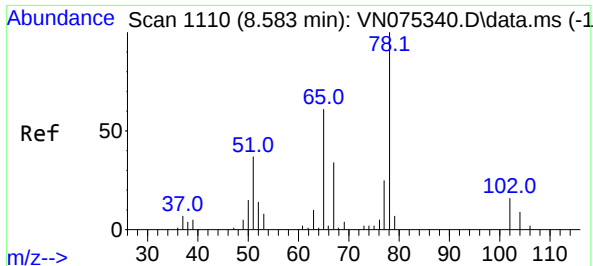
Ion Ratio Lower Upper

56 100

69 155.9 25.2 37.8#

84 145.6 77.8 116.8#

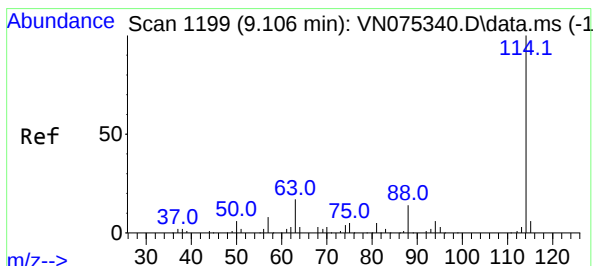
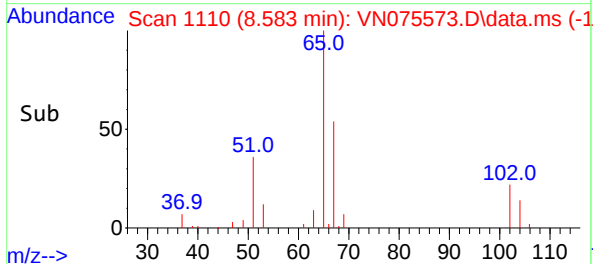
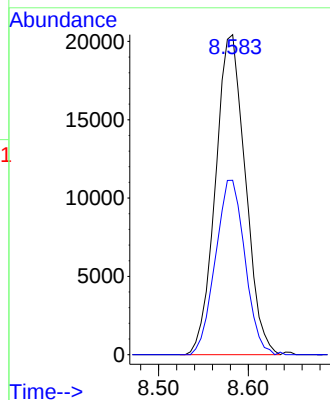
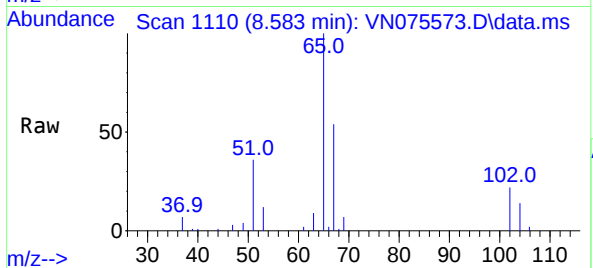




#33
1,2-Dichloroethane-d4
Concen: 54.951 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075573.D
Acq: 05 Dec 2022 20:54

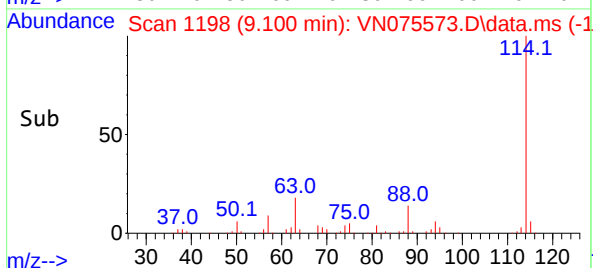
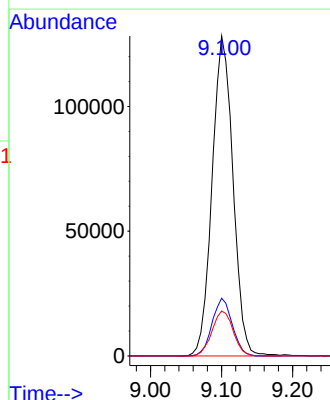
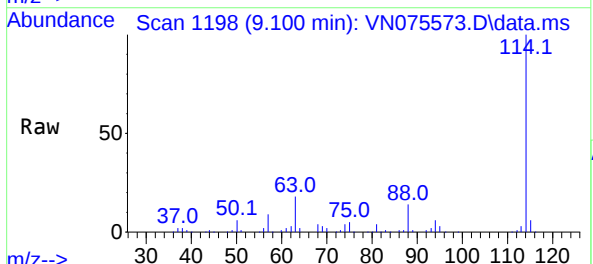
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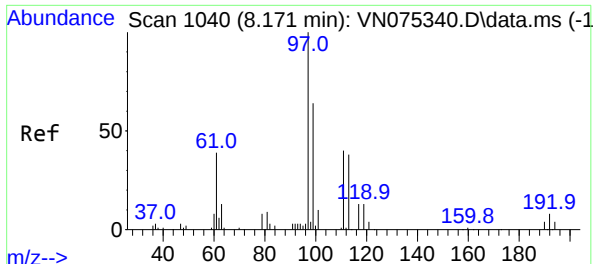
Tgt Ion: 65 Resp: 47179
Ion Ratio Lower Upper
65 100
67 54.0 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1198
Delta R.T. -0.006 min
Lab File: VN075573.D
Acq: 05 Dec 2022 20:54

Tgt Ion: 114 Resp: 261408
Ion Ratio Lower Upper
114 100
63 18.1 0.0 39.6
88 14.0 0.0 29.0

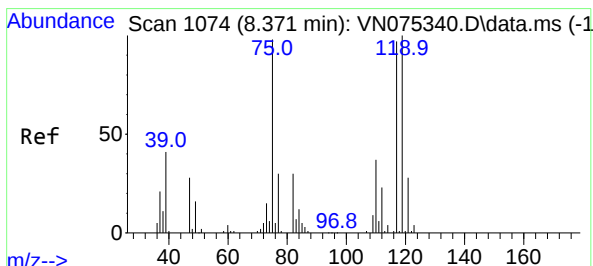
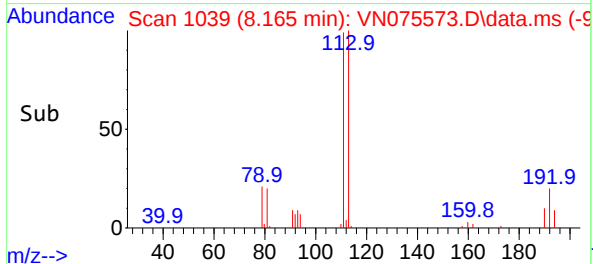
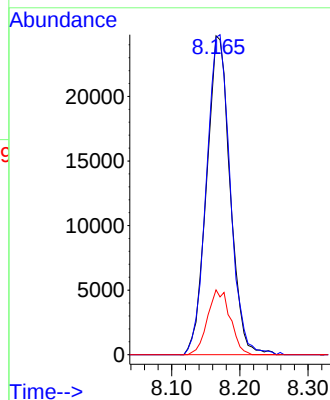
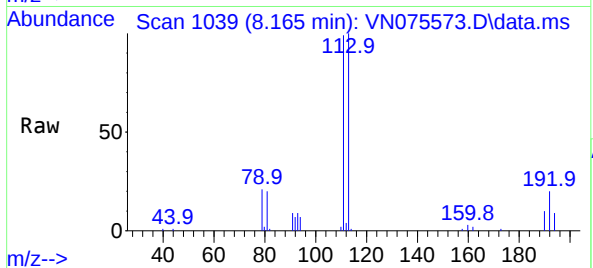




#35
Dibromofluoromethane
Concen: 57.535 ug/l
RT: 8.165 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VN075573.D
Acq: 05 Dec 2022 20:54

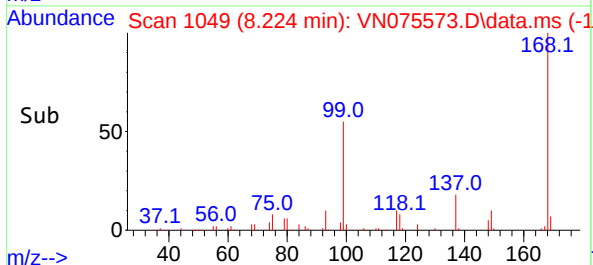
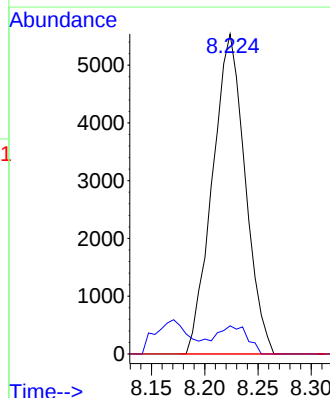
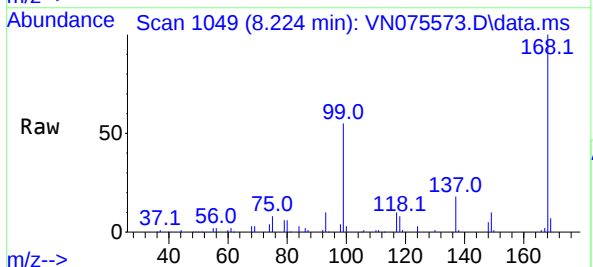
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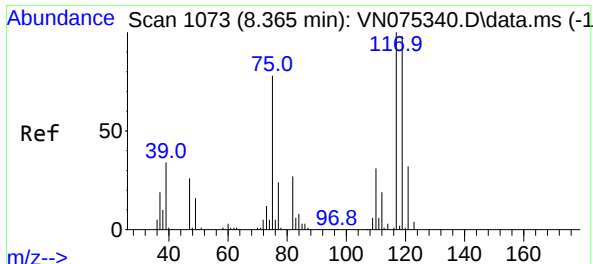
Tgt Ion:113 Resp: 59082
Ion Ratio Lower Upper
113 100
111 101.5 80.5 120.7
192 19.6 13.2 19.8



#36
1,1-Dichloropropene
Concen: 5.281 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.147 min
Lab File: VN075573.D
Acq: 05 Dec 2022 20:54

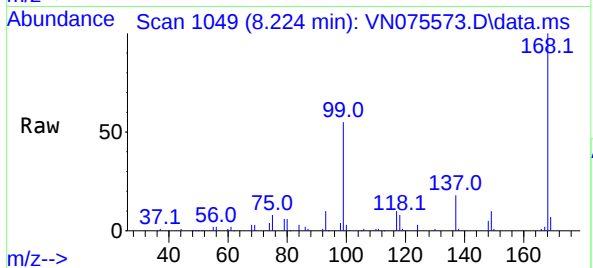
Tgt Ion: 75 Resp: 11826
Ion Ratio Lower Upper
75 100
110 7.7 17.8 53.3#
77 0.0 24.6 37.0#



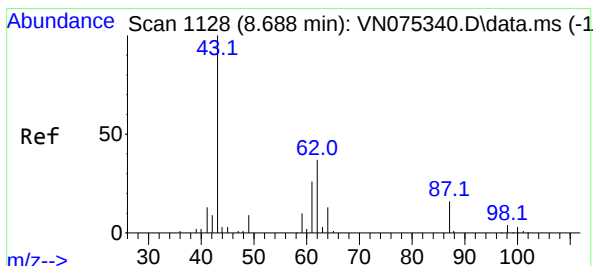
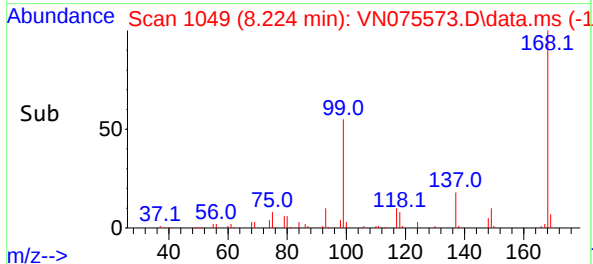
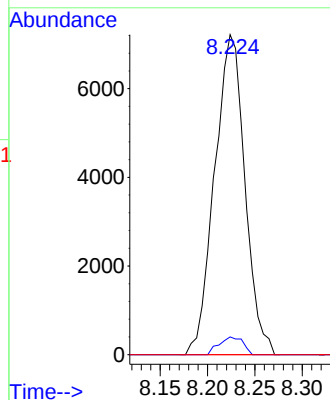


#38
Carbon Tetrachloride
Concen: 6.541 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.141 min
Lab File: VN075573.D
Acq: 05 Dec 2022 20:54

Instrument :
MSVOA_N
ClientSampleId :
OR-03-120122

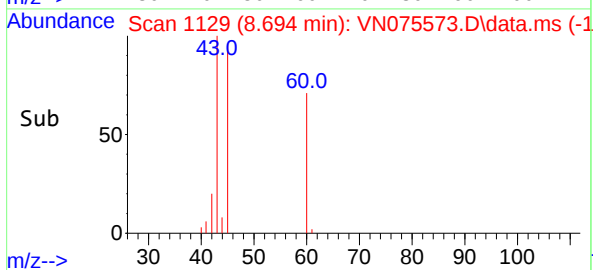
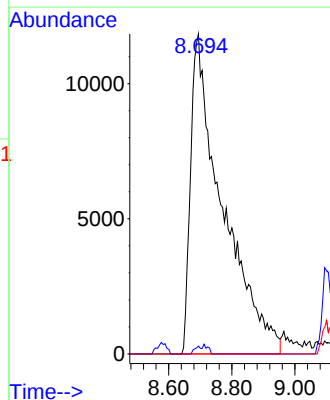
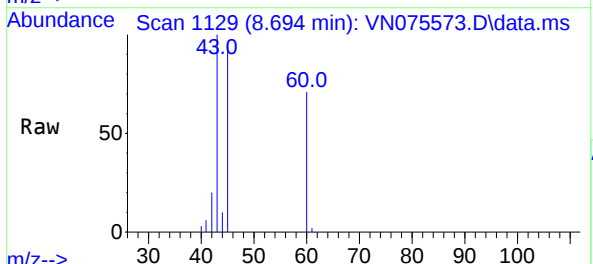


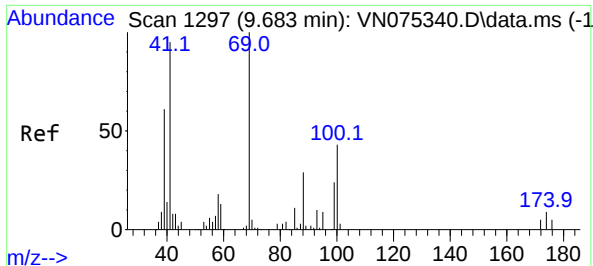
Tgt Ion:117 Resp: 16091
Ion Ratio Lower Upper
117 100
119 5.5 76.7 115.1#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 25.513 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075573.D
Acq: 05 Dec 2022 20:54

Tgt Ion: 43 Resp: 82576
Ion Ratio Lower Upper
43 100
61 0.5 22.4 33.6#
87 0.0 12.5 18.7#





#48

Methyl methacrylate

Concen: 0.245 ug/l

RT: 9.747 min Scan# 11

Delta R.T. 0.064 min

Lab File: VN075573.D

Acq: 05 Dec 2022 20:54

Instrument :

MSVOA_N

ClientSampleId :

OR-03-120122

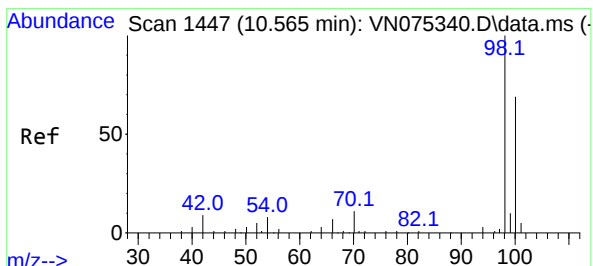
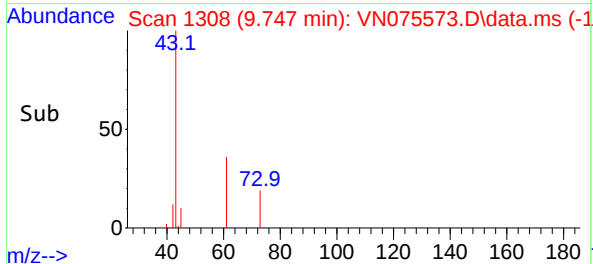
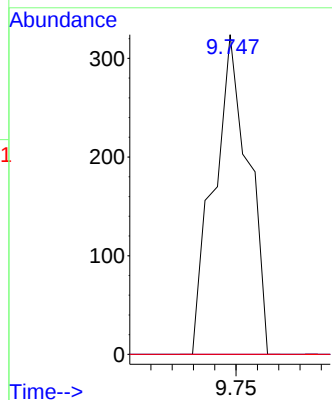
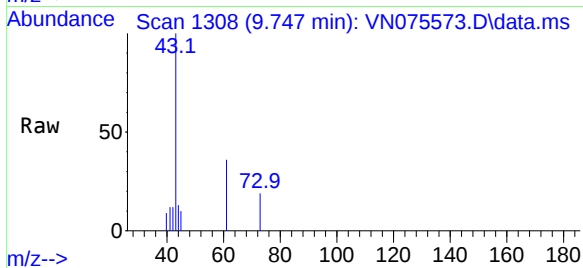
Tgt Ion: 41 Resp: 366

Ion Ratio Lower Upper

41 100

69 0.0 80.2 120.2#

39 0.0 56.2 84.2#



#50

Toluene-d8

Concen: 52.858 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VN075573.D

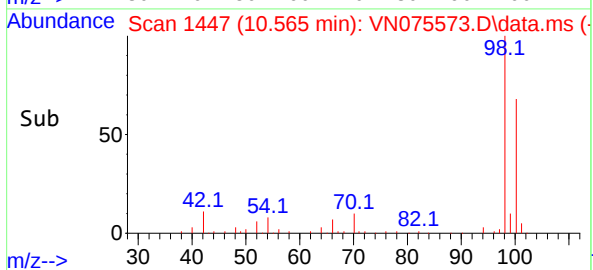
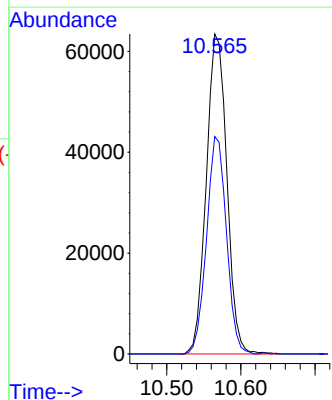
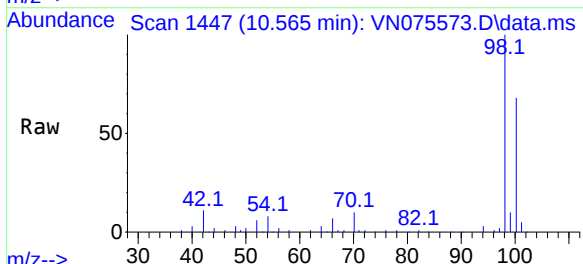
Acq: 05 Dec 2022 20:54

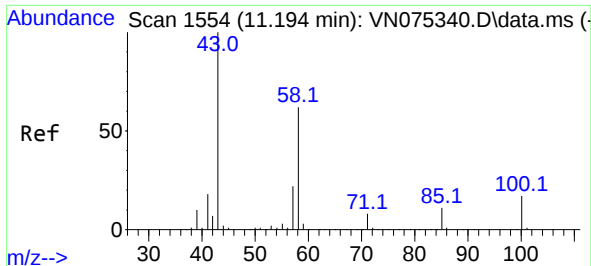
Tgt Ion: 98 Resp: 122252

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.6

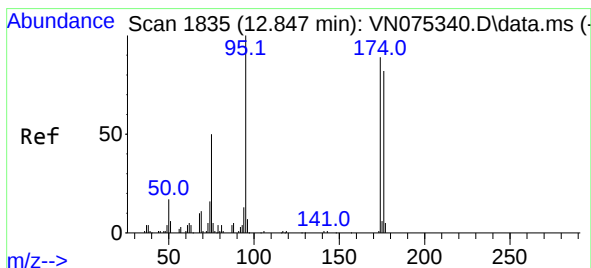
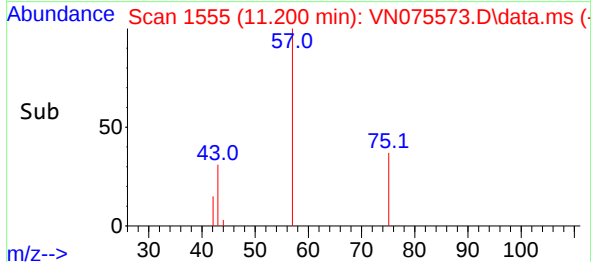
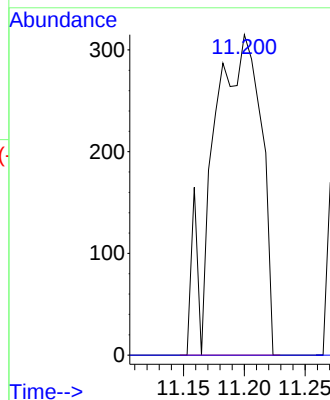
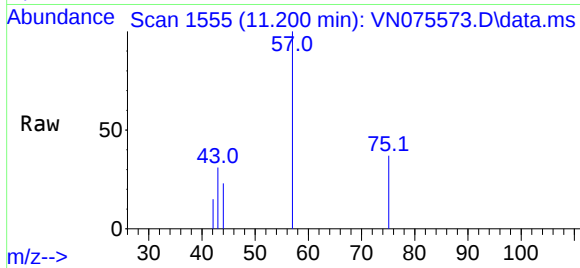




#59
2-Hexanone
Concen: 0.559 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075573.D
Acq: 05 Dec 2022 20:54

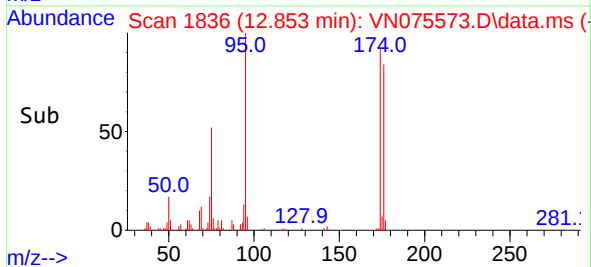
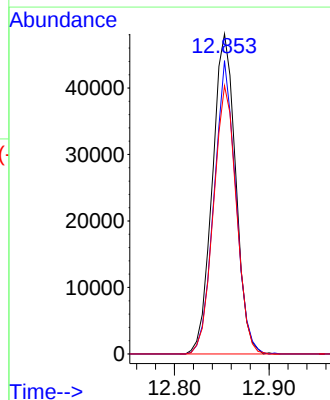
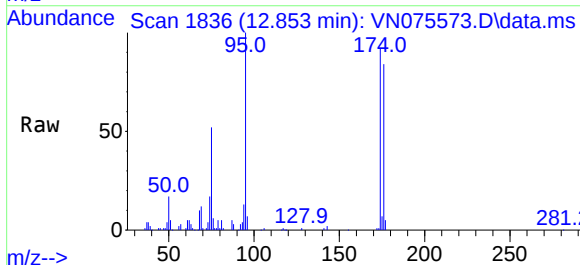
Instrument :
MSVOA_N
ClientSampleId :
OR-03-120122

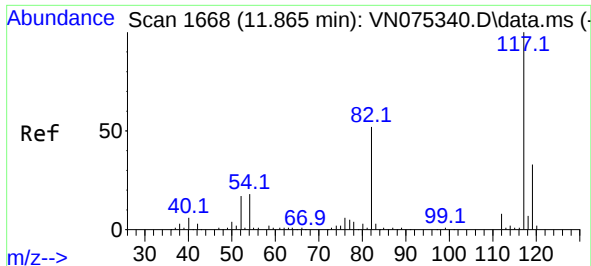
Tgt Ion: 43 Resp: 865
Ion Ratio Lower Upper
43 100
58 0.0 29.6 88.8#



#62
4-Bromofluorobenzene
Concen: 48.202 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075573.D
Acq: 05 Dec 2022 20:54

Tgt Ion: 95 Resp: 82287
Ion Ratio Lower Upper
95 100
174 85.5 0.0 147.4
176 82.2 0.0 142.2

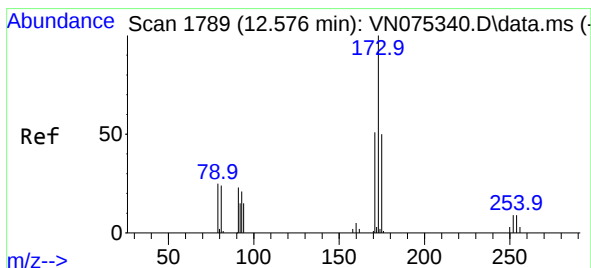
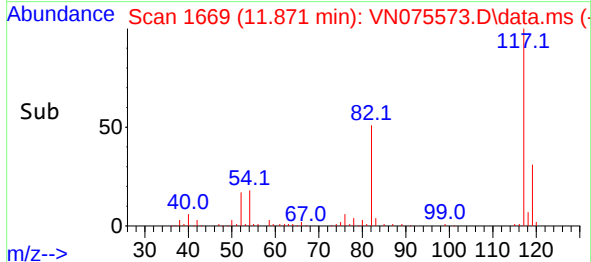
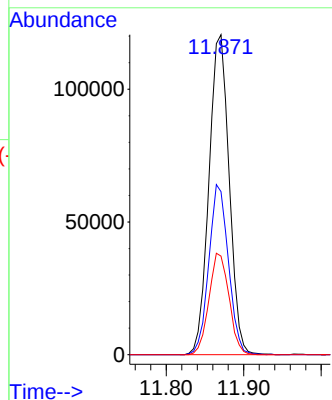
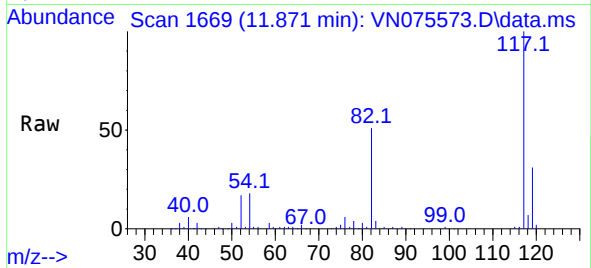




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075573.D
Acq: 05 Dec 2022 20:54

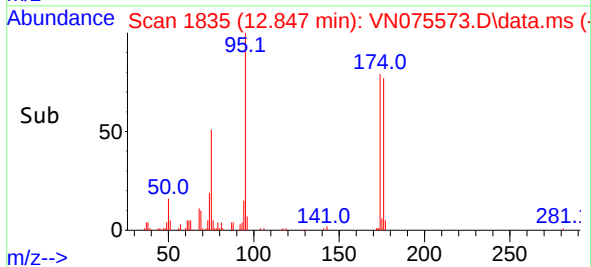
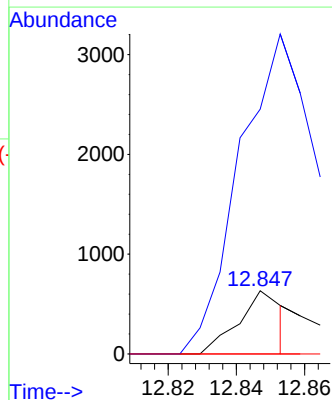
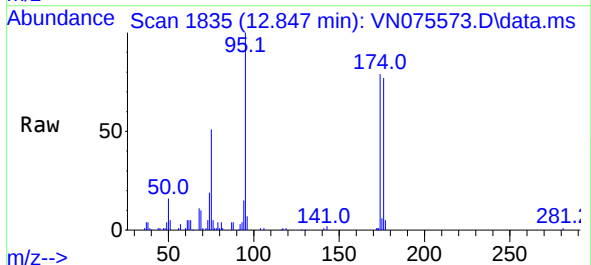
Instrument :
MSVOA_N
ClientSampleId :
OR-03-120122

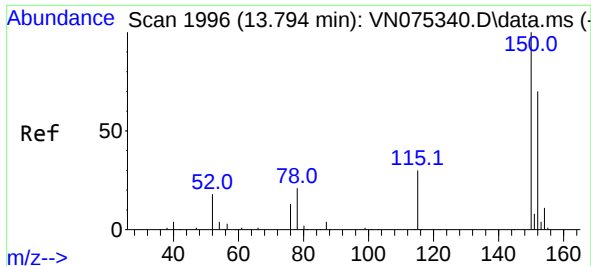
Tgt Ion:117 Resp: 218315
Ion Ratio Lower Upper
117 100
82 51.0 43.1 64.7
119 30.8 25.5 38.3



#71
Bromoform
Concen: 0.444 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.271 min
Lab File: VN075573.D
Acq: 05 Dec 2022 20:54

Tgt Ion:173 Resp: 569
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0

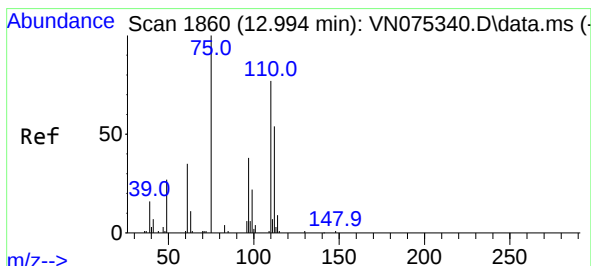
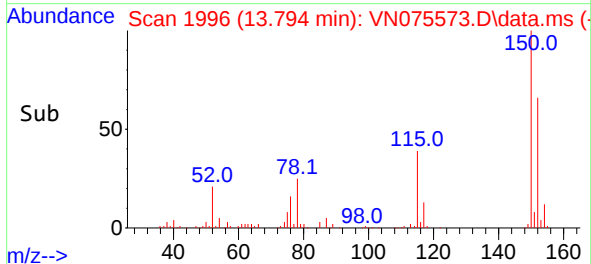
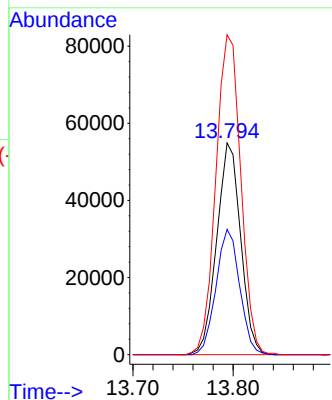
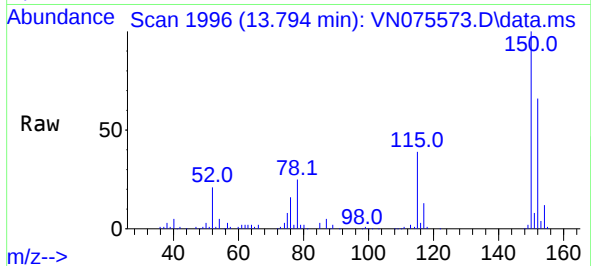




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075573.D
Acq: 05 Dec 2022 20:54

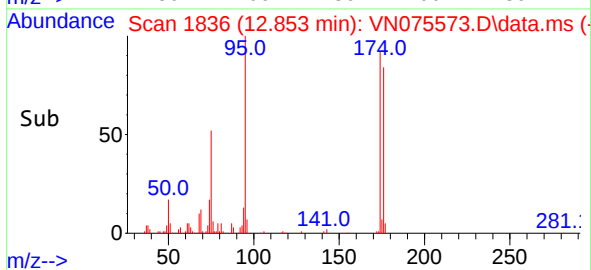
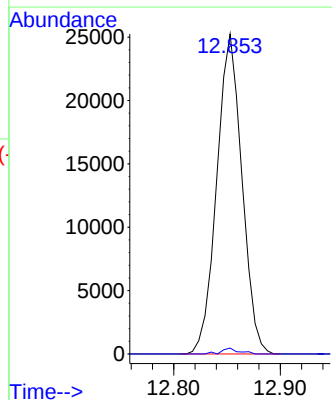
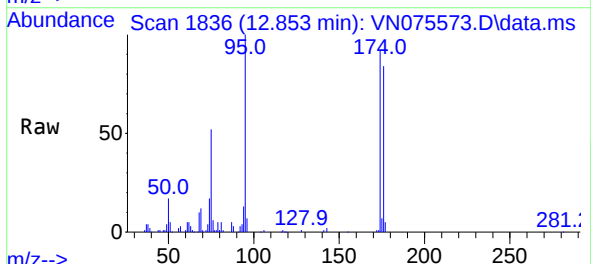
Instrument :
MSVOA_N
ClientSampleId :
OR-03-120122

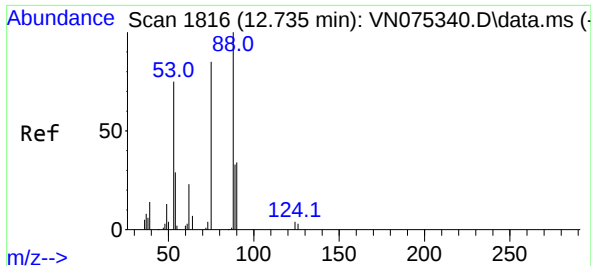
Tgt Ion:152 Resp: 90961
Ion Ratio Lower Upper
152 100
115 58.5 30.2 90.6
150 157.7 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 24.064 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075573.D
Acq: 05 Dec 2022 20:54

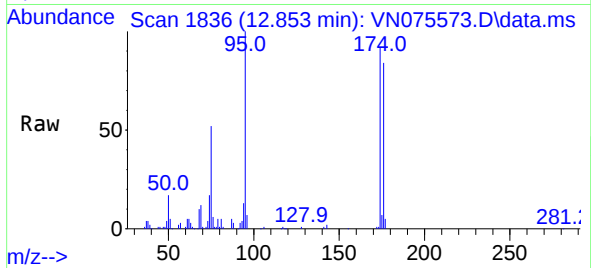
Tgt Ion: 75 Resp: 41386
Ion Ratio Lower Upper
75 100
77 1.3 75.6 226.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.200 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN075573.D
 Acq: 05 Dec 2022 20:54

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-120122



Tgt Ion: 75 Resp: 41386
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.0 37.7 56.5#

