

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102822\
 Data File : VN075059.D
 Acq On : 28 Oct 2022 14:36
 Operator : JC\MD
 Sample : N5314-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 221026069-02-VOA

Quant Time: Oct 31 01:50:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102522W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 27 10:19:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	13800	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	81315	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	71236	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	43203	34.239	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 114.133%#			
60) 4-Bromofluorobenzene	12.847	95	37437	26.747	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 89.167%			
63) Toluene-d8	10.571	98	124193	31.171	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.900%			
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.518	62	411	0.308	ug/l #	43
8) Diethyl Ether	3.983	74	668	1.130	ug/l	75
14) Acrylonitrile	5.559	53	1672	3.022	ug/l #	17
15) Acetone	4.436	58	32450	209.904	ug/l	89
17) Allyl chloride	4.959	41	3068	2.896	ug/l #	27
22) cis-1,2-Dichloroethene	7.488	96	329	0.296	ug/l #	1
23) tert-Butyl Alcohol	5.536	59	608918	2377.212	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	4363	1.349	ug/l #	87
29) 1,1-Dichloropropene	8.371	75	364	0.261	ug/l #	40
30) 2-Butanone	7.488	43	301107	374.493	ug/l	99
31) 2,2-Dichloropropane	7.512	77	342	0.201	ug/l #	53
34) Benzene	8.612	78	16307	3.824	ug/l #	84
35) Methacrylonitrile	7.777	41	430	0.558	ug/l #	22
44) Isopropyl Acetate	8.665	43	2743	1.076	ug/l #	50
45) 1,4-Dioxane	9.700	88	1574	50.171	ug/l #	63
46) Methyl methacrylate	9.530	41	5185	4.535	ug/l #	40
47) n-amyl Acetate	12.929	43	1545	0.706	ug/l	94
50) 1,1,2-Trichloroethane	10.724	97	749	0.628	ug/l #	16
55) 2-Chloroethyl vinyl ether	10.629	63	1214	1.598	ug/l #	10
58) 4-Methyl-2-Pentanone	10.447	43	6561	4.270	ug/l #	88
59) 2-Hexanone	11.171	43	30008	25.458	ug/l #	38
62) Toluene	10.629	91	16369	3.549	ug/l	98
64) Chlorobenzene	11.894	112	4166	1.458	ug/l	96
66) Ethyl Benzene	11.965	91	14742	2.836	ug/l	99
67) m/p-Xylenes	12.071	106	14083	6.756	ug/l	96
68) o-Xylene	12.400	106	9040	4.314	ug/l	96
69) Styrene	12.412	104	1297	0.378	ug/l #	1
70) Isopropylbenzene	12.700	105	5690	1.042	ug/l	94
72) 1,2,3-Trichloropropane	12.853	75	21479	13.300	ug/l	1
76) 1,3,5-Trimethylbenzene	13.176	105	2747	0.594	ug/l	92
77) t-1,4-Dichloro-2-butene	12.641	75	204	0.362	ug/l #	8
79) tert-butylbenzene	13.676	119	1344	0.325	ug/l	50
80) 1,2,4-Trimethylbenzene	13.482	105	10460	2.223	ug/l #	81
82) p-Isopropyltoluene	13.735	119	8942	1.826	ug/l	98
83) 1,3-Dichlorobenzene	13.812	146	6132	2.552	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	6132	2.645	ug/l	94
86) Hexachloroethane	14.394	117	1054	1.161	ug/l #	17
87) 1,2-Dichlorobenzene	13.812	146	6132	2.580	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.306	75	557	1.490	ug/l #	5

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QLast Update : Thu Oct 27 10:19:47 2022
Response via : Initial Calibration

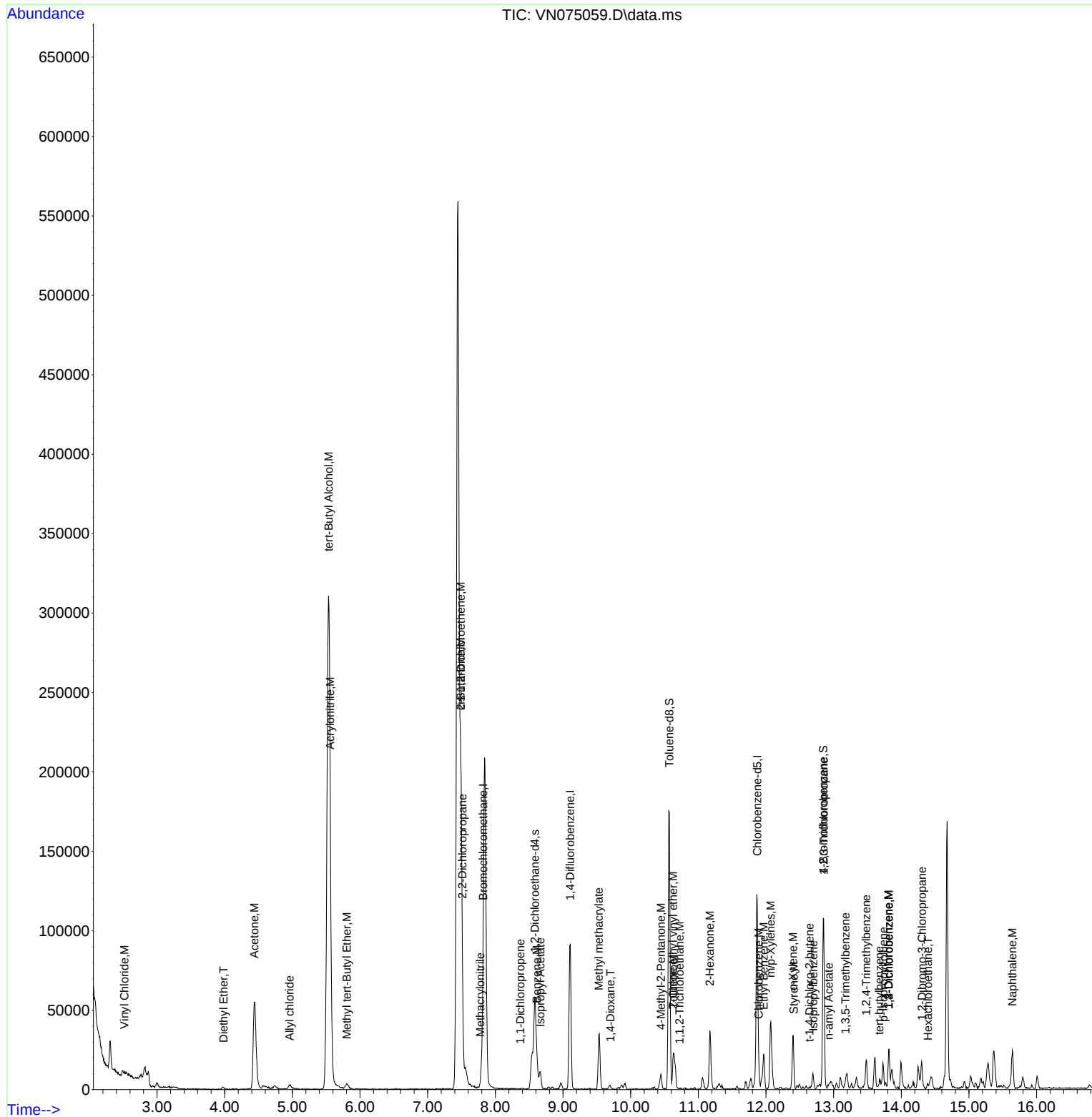
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Naphthalene	15.641	128	22685	5.452	ug/l	# 92

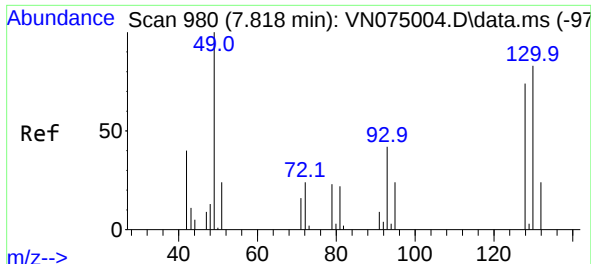
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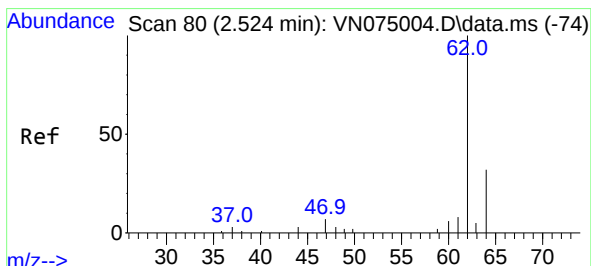
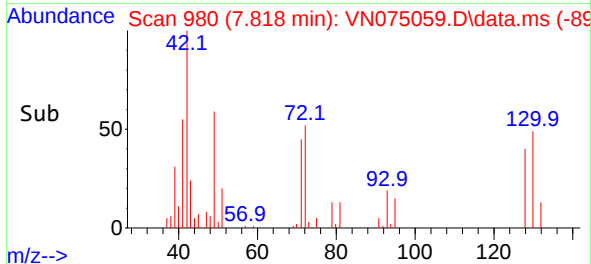
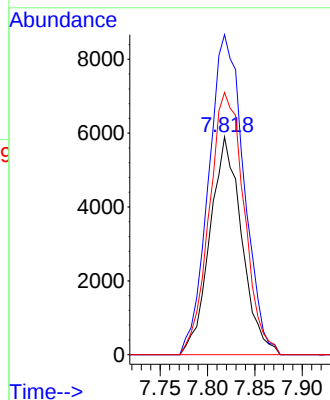
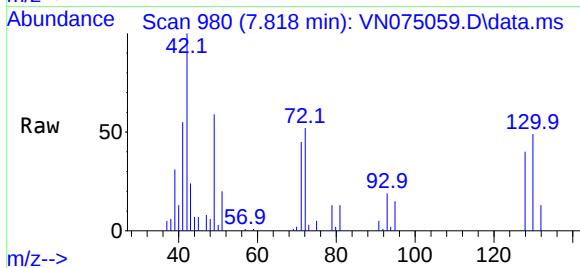




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

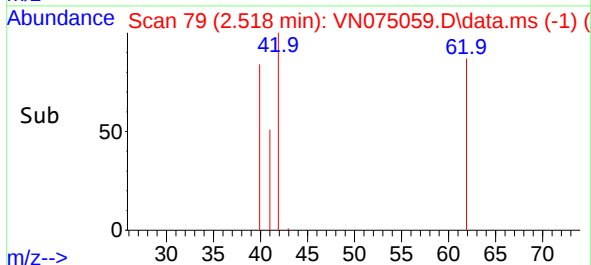
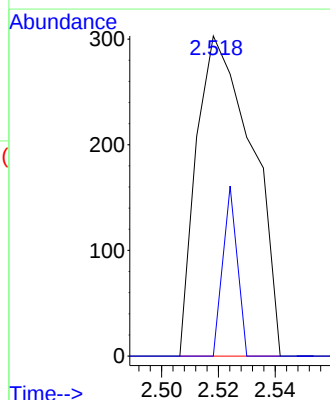
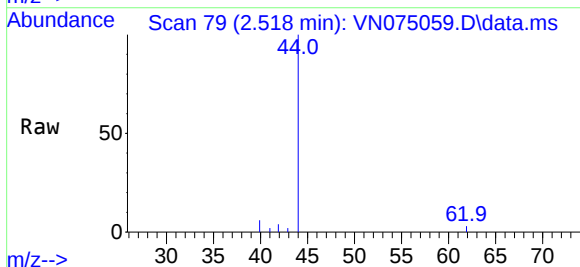
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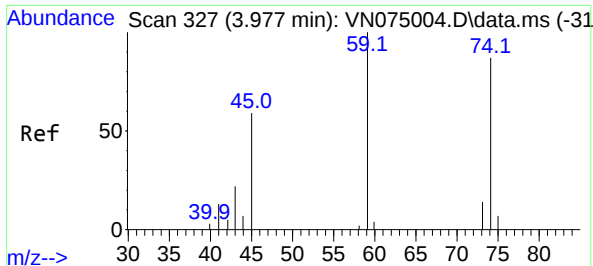
Tgt Ion:128 Resp: 13800
Ion Ratio Lower Upper
128 100
49 162.8 0.0 392.3
130 131.7 0.0 320.2



#4
Vinyl Chloride
Concen: 0.308 ug/l
RT: 2.518 min Scan# 79
Delta R.T. -0.006 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

Tgt Ion: 62 Resp: 411
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

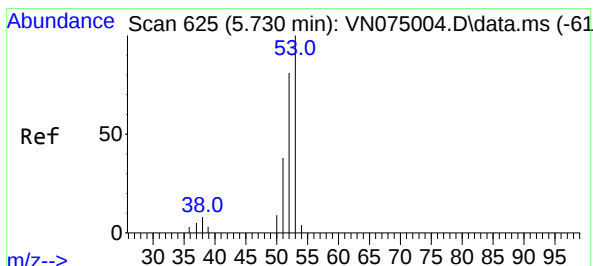
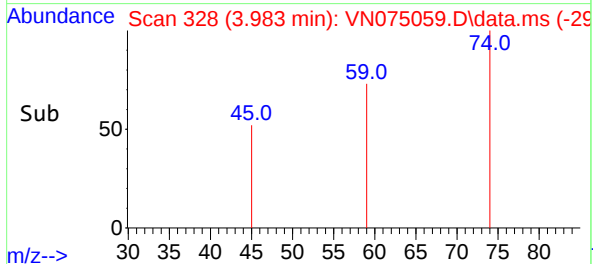
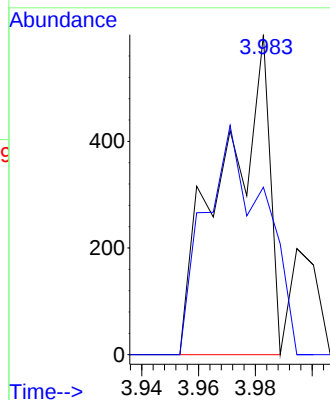
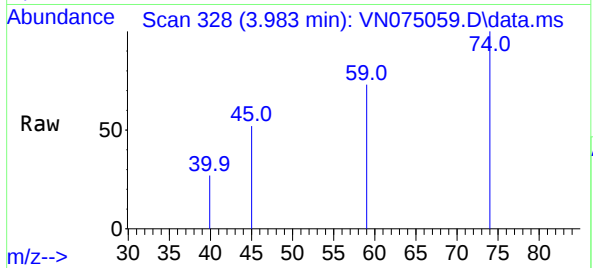




#8
Diethyl Ether
Concen: 1.130 ug/l
RT: 3.983 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

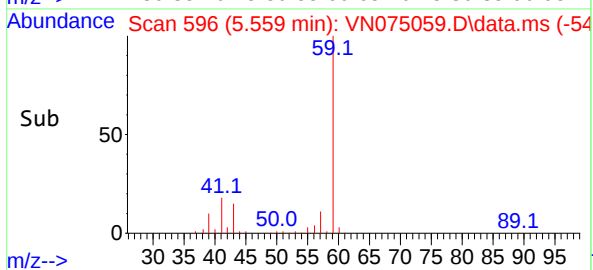
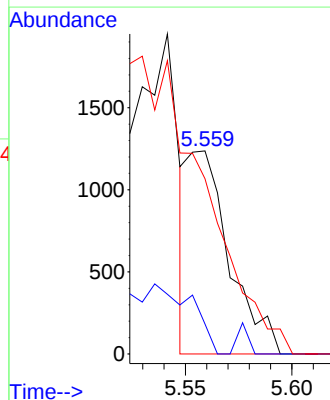
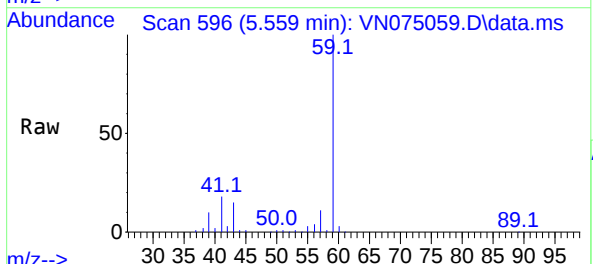
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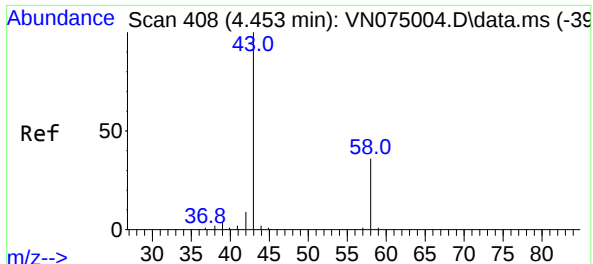
Tgt Ion: 74 Resp: 668
Ion Ratio Lower Upper
74 100
45 64.7 17.6 158.8



#14
Acrylonitrile
Concen: 3.022 ug/l
RT: 5.559 min Scan# 596
Delta R.T. -0.171 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

Tgt Ion: 53 Resp: 1672
Ion Ratio Lower Upper
53 100
52 0.0 41.8 125.4#
51 0.0 19.0 57.0#

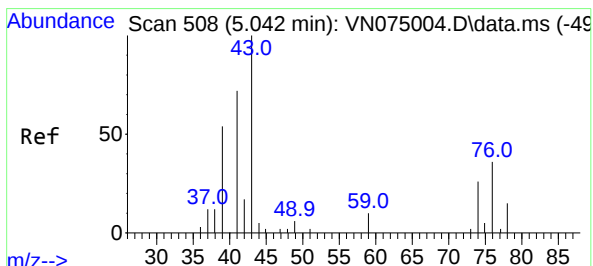
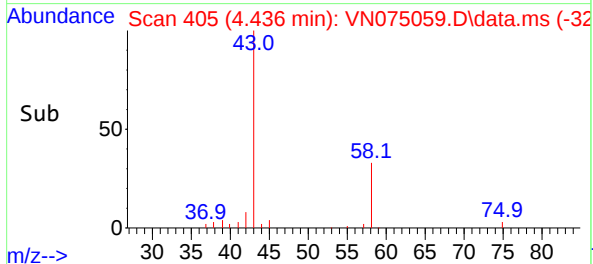
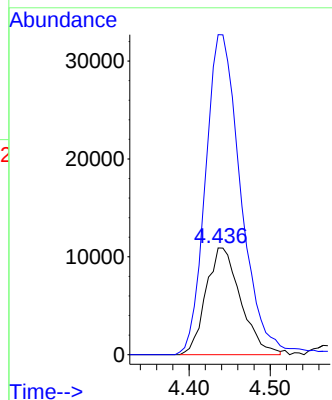
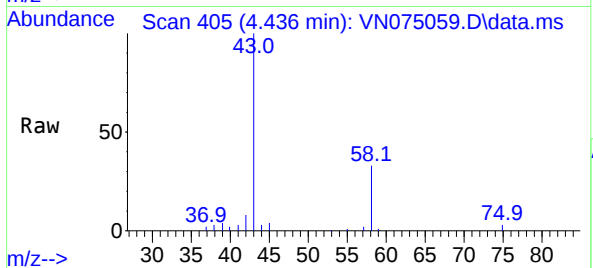




#15
Acetone
Concen: 209.904 ug/l
RT: 4.436 min Scan# 408
Delta R.T. -0.018 min
Lab File: VN075059.D
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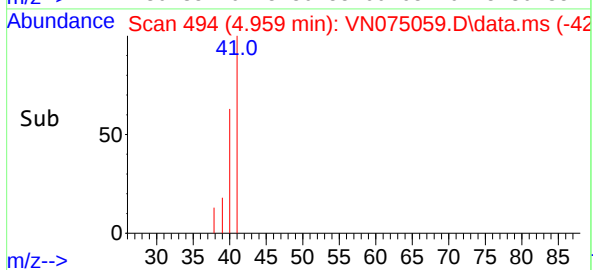
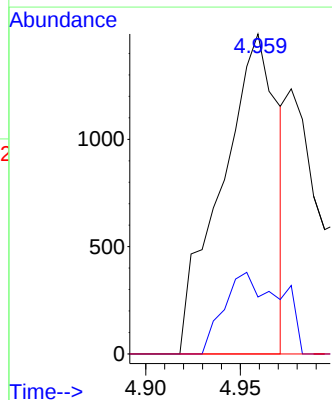
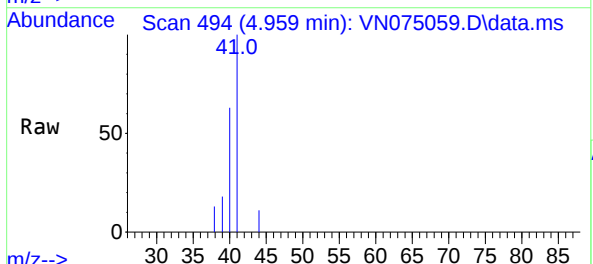
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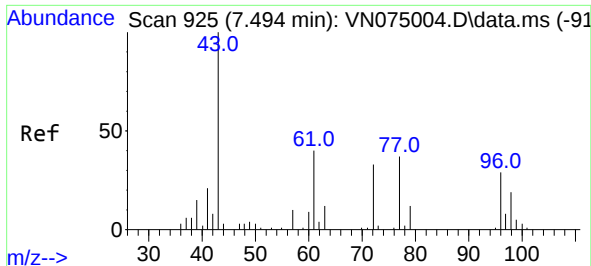
Tgt Ion: 58 Resp: 32450
Ion Ratio Lower Upper
58 100
43 297.2 256.6 384.8



#17
Allyl chloride
Concen: 2.896 ug/l
RT: 4.959 min Scan# 494
Delta R.T. -0.082 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

Tgt Ion: 41 Resp: 3068
Ion Ratio Lower Upper
41 100
39 17.8 44.6 134.0#
76 0.0 19.6 58.7#

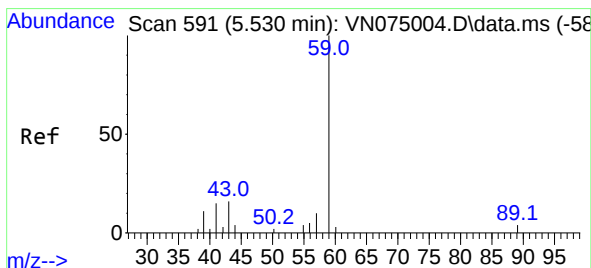
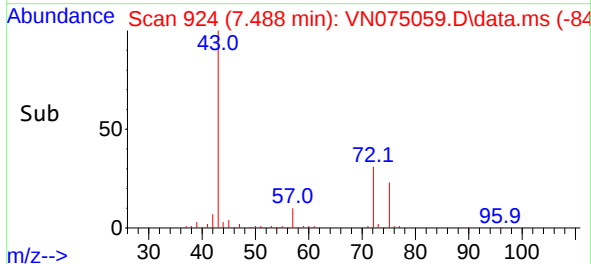
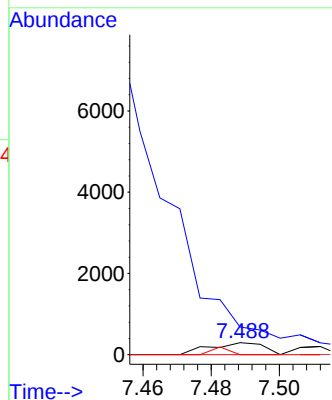
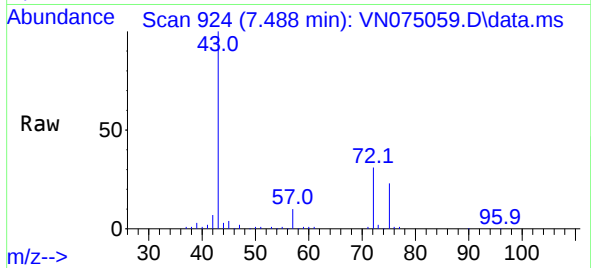




#22
cis-1,2-Dichloroethene
Concen: 0.296 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

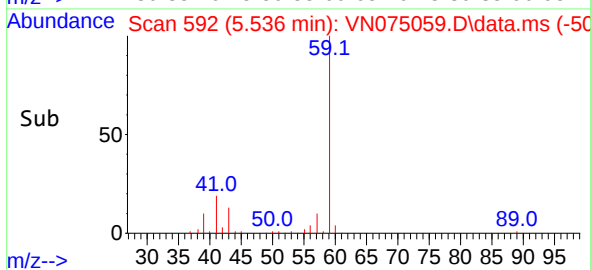
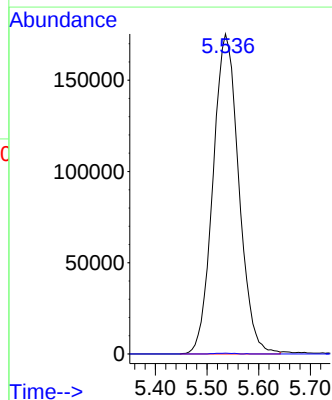
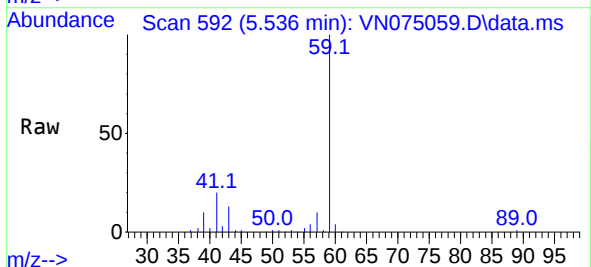
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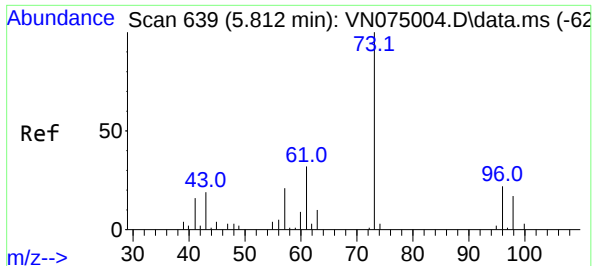
Tgt Ion: 96 Resp: 329
Ion Ratio Lower Upper
96 100
61 7119.8 115.7 173.5#
98 0.0 51.6 77.4#



#23
tert-Butyl Alcohol
Concen: 2377.212 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.006 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

Tgt Ion: 59 Resp: 608918
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0#

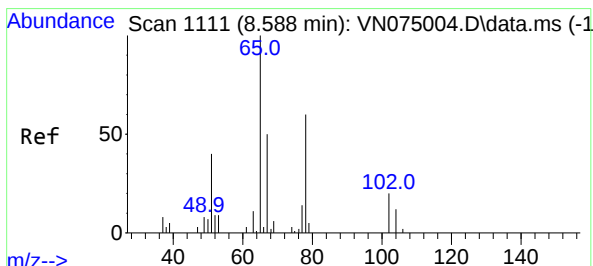
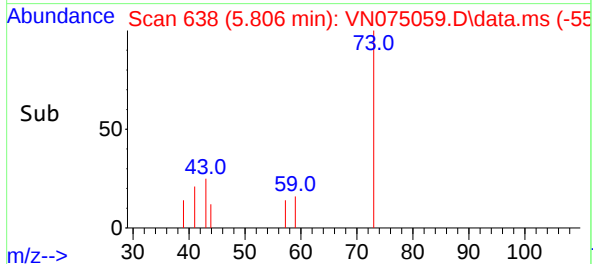
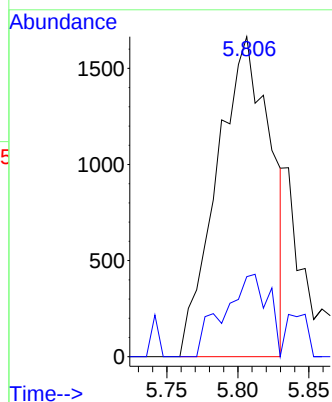
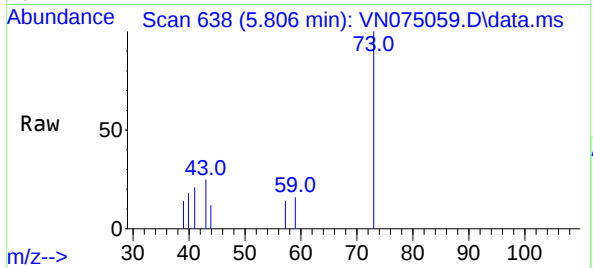




#24
Methyl tert-Butyl Ether
Concen: 1.349 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

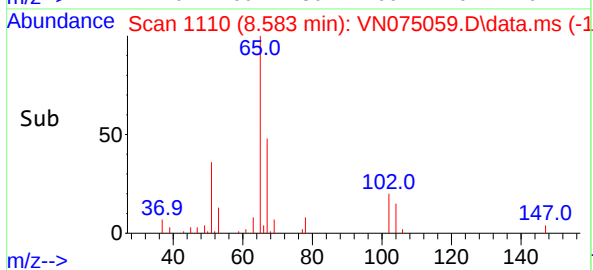
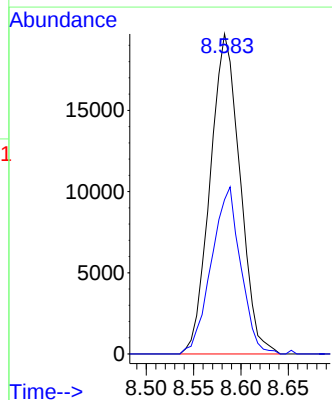
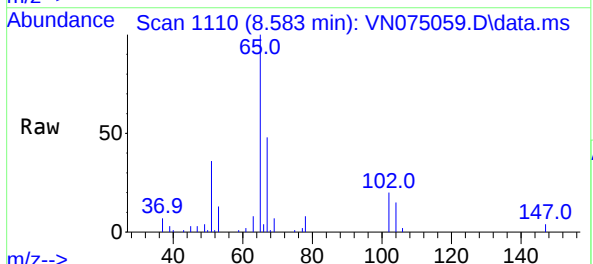
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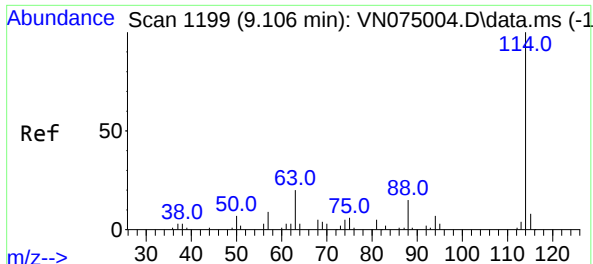
Tgt Ion: 73 Resp: 4363
Ion Ratio Lower Upper
73 100
43 16.4 18.1 27.1#



#27
1,2-Dichloroethane-d4
Concen: 34.239 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

Tgt Ion: 65 Resp: 43203
Ion Ratio Lower Upper
65 100
67 51.3 40.2 60.2

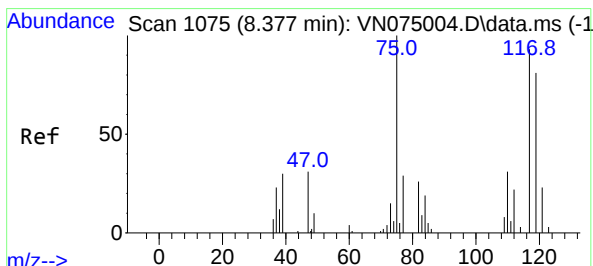
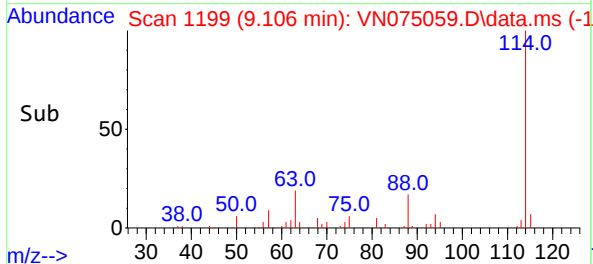
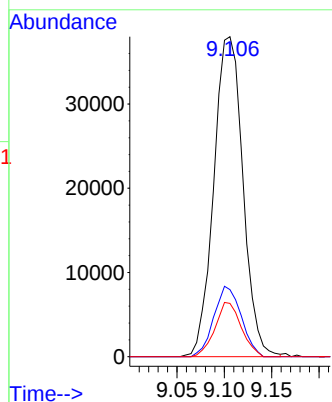
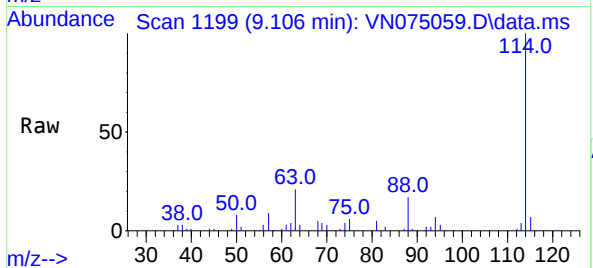




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

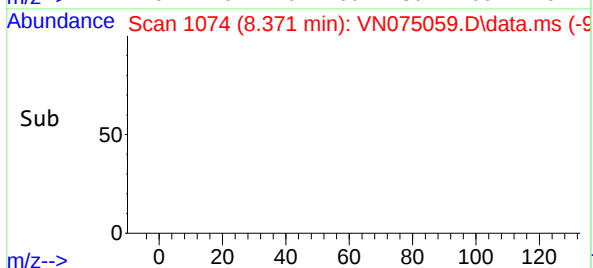
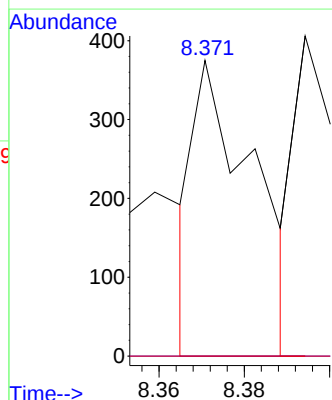
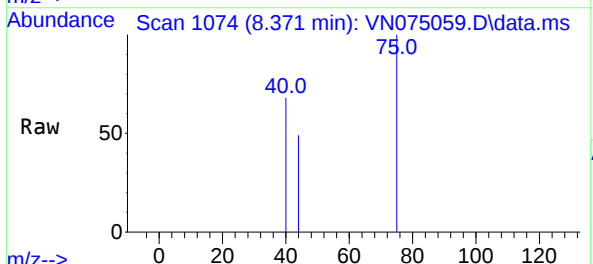
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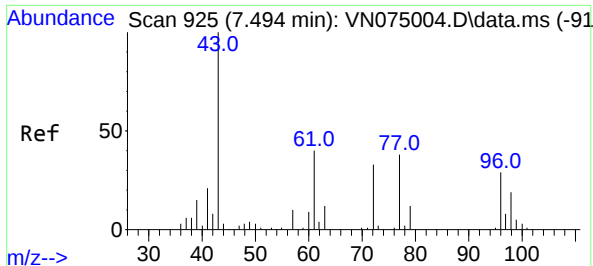
Tgt Ion:114 Resp: 81315
Ion Ratio Lower Upper
114 100
63 20.7 15.8 23.6
88 15.3 11.6 17.4



#29
1,1-Dichloropropene
Concen: 0.261 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. -0.006 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

Tgt Ion: 75 Resp: 364
Ion Ratio Lower Upper
75 100
110 0.0 0.0 74.2
77 0.0 0.0 63.2

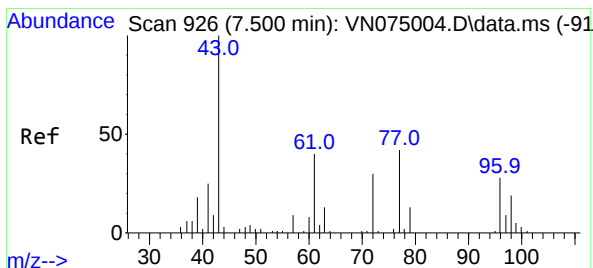
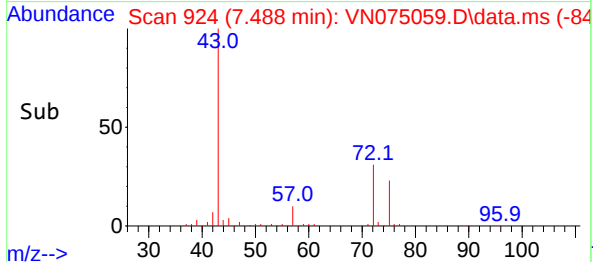
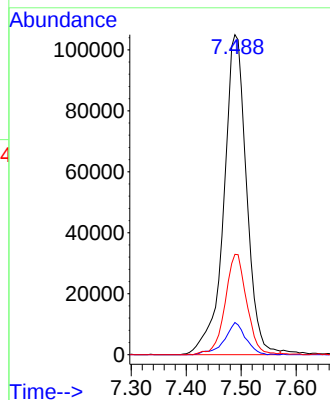
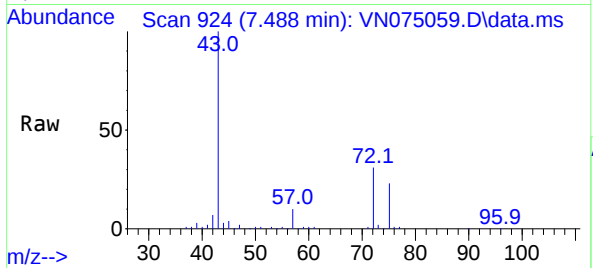




#30
2-Butanone
Concen: 374.493 ug/l
RT: 7.488 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

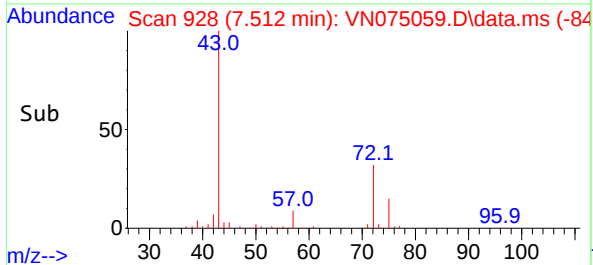
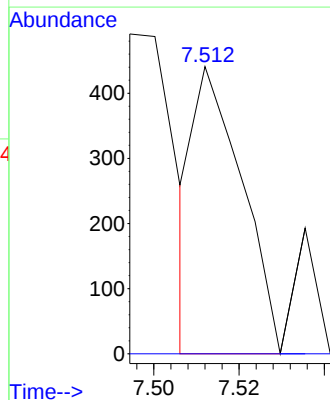
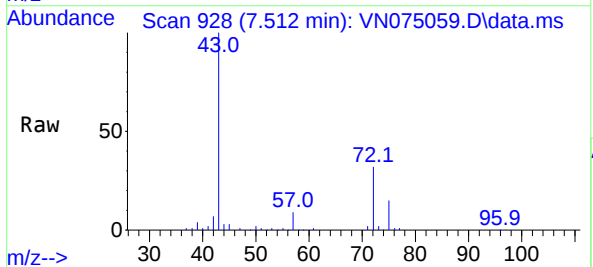
Instrument :
MSVOA_N
ClientSampleId :
221026069-02-VOA

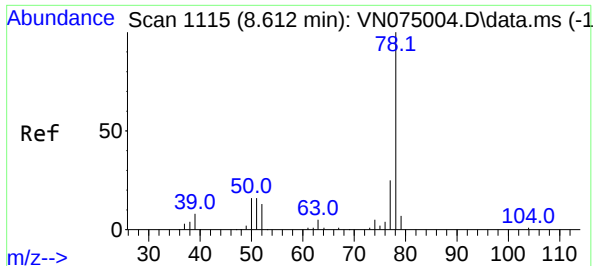
Tgt Ion: 43 Resp: 301107
Ion Ratio Lower Upper
43 100
57 9.0 6.7 10.1
72 29.4 23.2 34.8



#31
2,2-Dichloropropane
Concen: 0.201 ug/l
RT: 7.512 min Scan# 928
Delta R.T. 0.012 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

Tgt Ion: 77 Resp: 342
Ion Ratio Lower Upper
77 100
97 0.0 18.3 27.5#

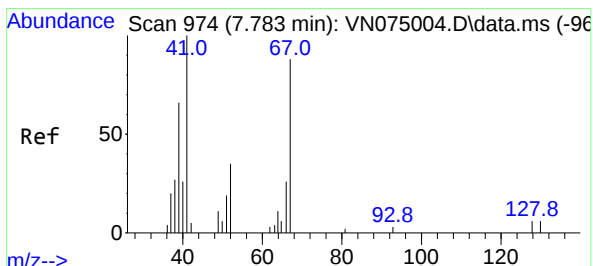
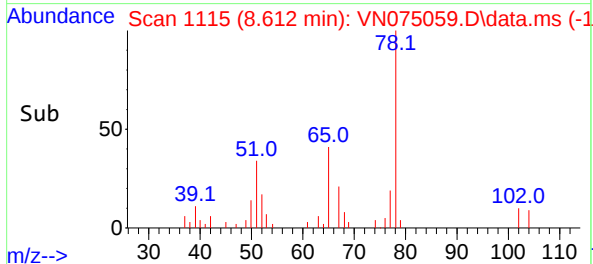
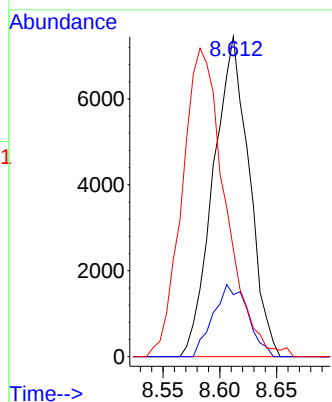
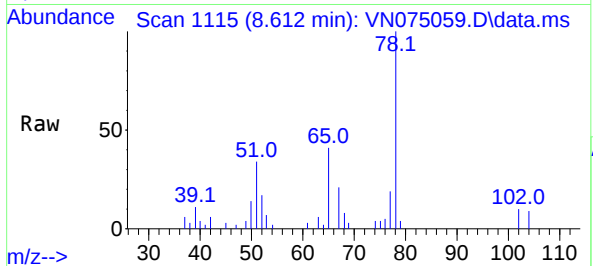




#34
Benzene
Concen: 3.824 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

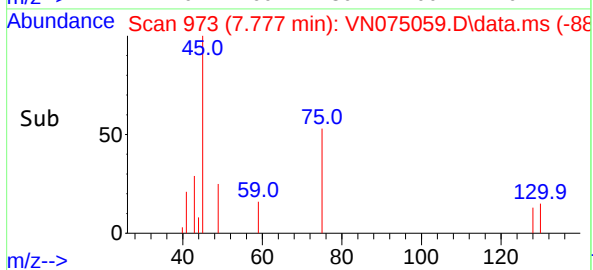
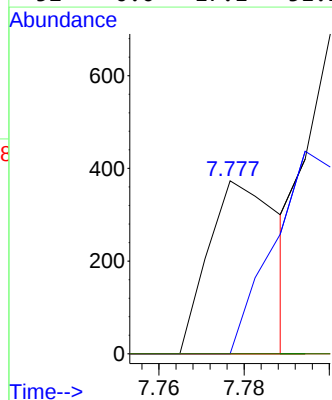
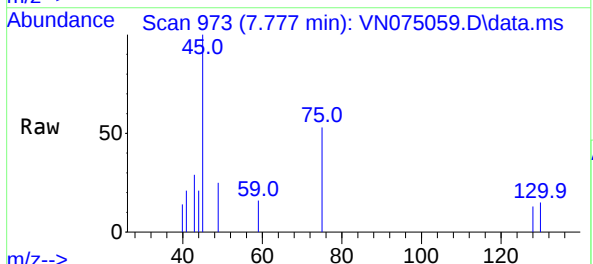
Instrument :
MSVOA_N
ClientSampleId :
221026069-02-VOA

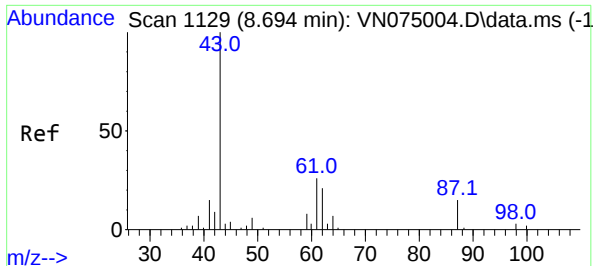
Tgt Ion: 78 Resp: 16307
Ion Ratio Lower Upper
78 100
77 19.4 19.1 28.7
51 31.6 16.0 24.0#



#35
Methacrylonitrile
Concen: 0.558 ug/l
RT: 7.777 min Scan# 973
Delta R.T. -0.006 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

Tgt Ion: 41 Resp: 430
Ion Ratio Lower Upper
41 100
39 0.0 28.0 83.9#
67 0.0 37.7 113.1#
52 0.0 17.1 51.2#

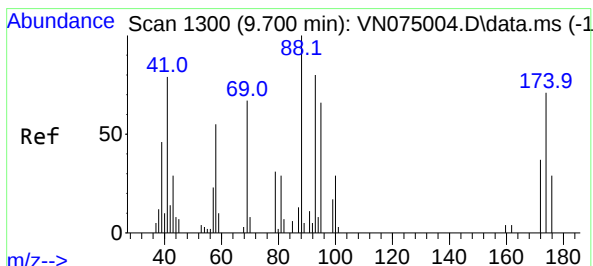
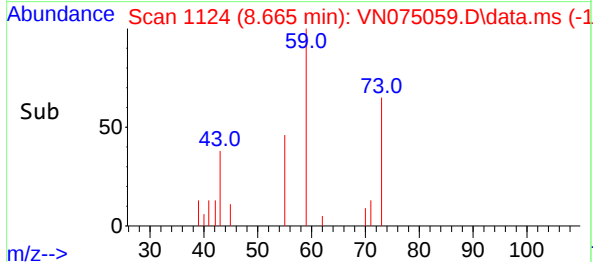
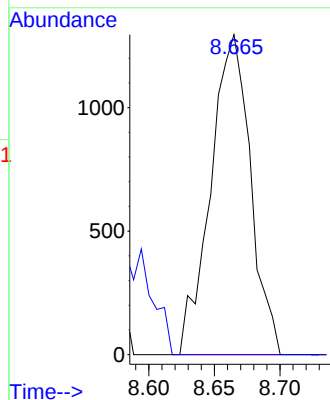
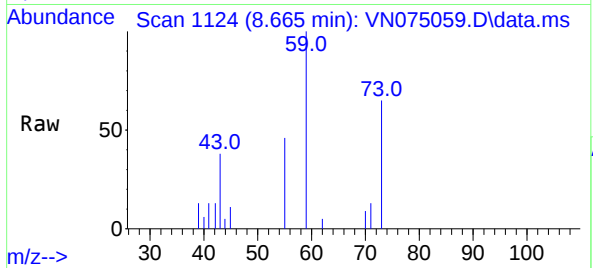




#44
Isopropyl Acetate
Concen: 1.076 ug/l
RT: 8.665 min Scan# 1124
Delta R.T. -0.029 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

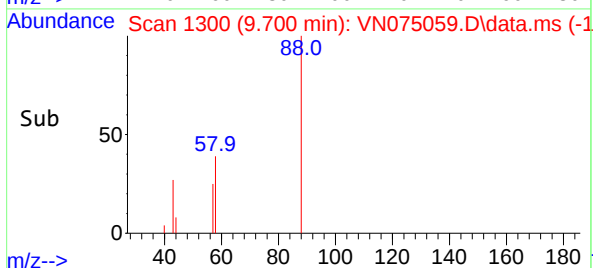
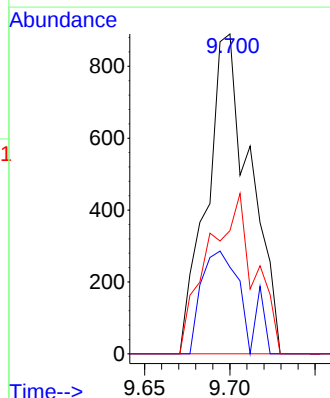
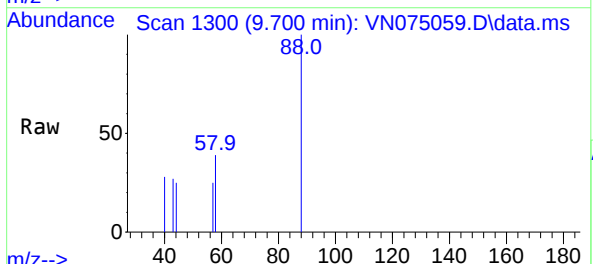
Instrument :
MSVOA_N
ClientSampleId :
221026069-02-VOA

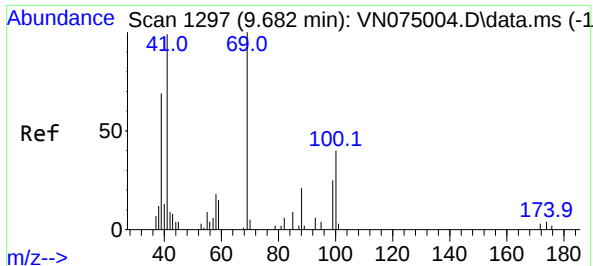
Tgt Ion: 43 Resp: 2743
Ion Ratio Lower Upper
43 100
61 0.0 20.1 30.1#



#45
1,4-Dioxane
Concen: 50.171 ug/l
RT: 9.700 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

Tgt Ion: 88 Resp: 1574
Ion Ratio Lower Upper
88 100
43 26.7 25.0 37.6
58 21.7 49.4 74.2#

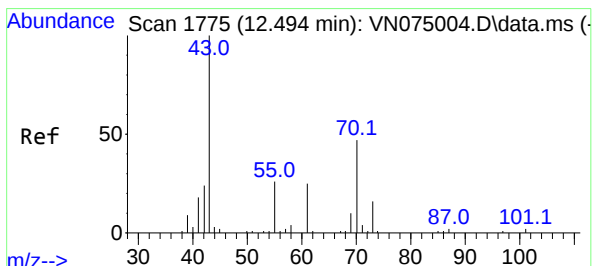
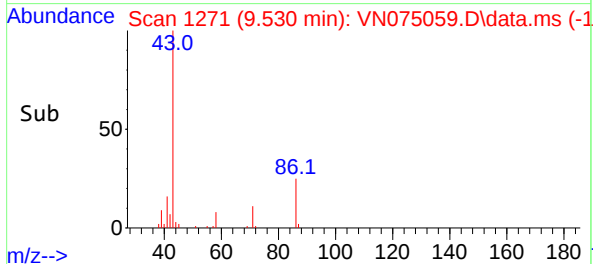
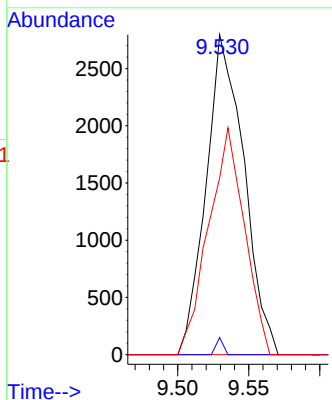
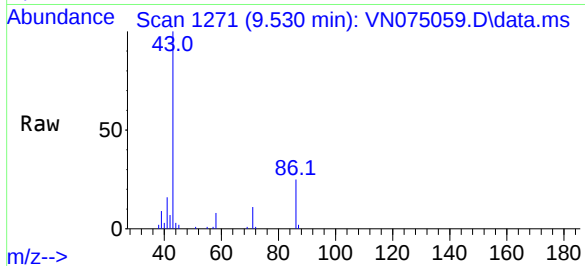




#46
Methyl methacrylate
Concen: 4.535 ug/l
RT: 9.530 min Scan# 11
Delta R.T. -0.153 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

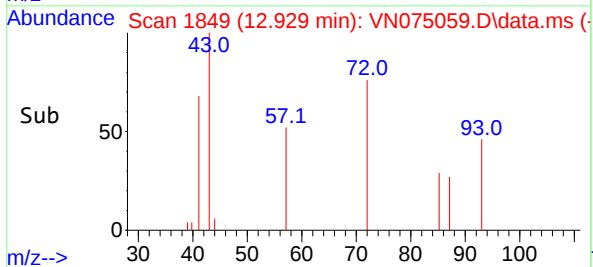
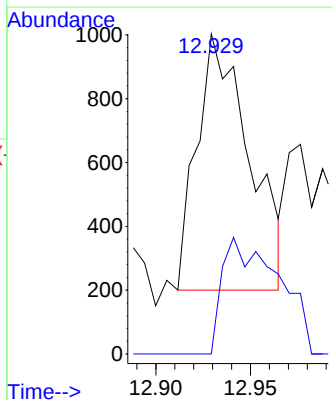
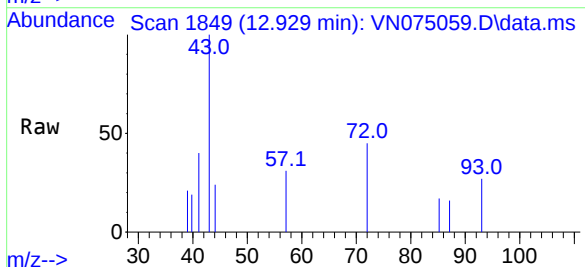
Instrument :
MSVOA_N
ClientSampleId :
221026069-02-VOA

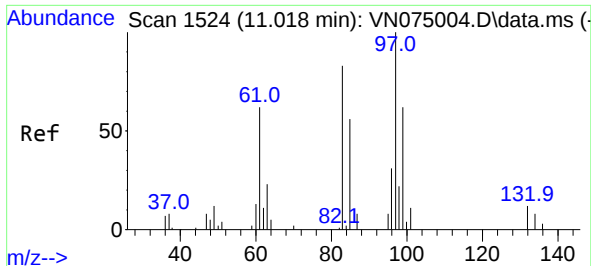
Tgt Ion: 41 Resp: 5185
Ion Ratio Lower Upper
41 100
69 5.4 44.4 133.2#
39 55.3 39.9 119.6



#47
n-amy1 Acetate
Concen: 0.706 ug/l
RT: 12.929 min Scan# 1849
Delta R.T. 0.435 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

Tgt Ion: 43 Resp: 1545
Ion Ratio Lower Upper
43 100
55 20.8 19.0 28.6





#50

1,1,2-Trichloroethane

Concen: 0.628 ug/l

RT: 10.724 min Scan# 14

Delta R.T. -0.294 min

Lab File: VN075059.D

Acq: 28 Oct 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :

221026069-02-VOA

Tgt Ion: 97 Resp: 749

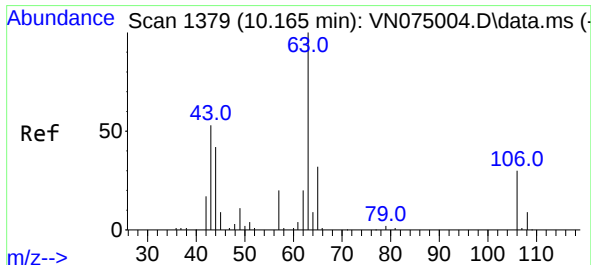
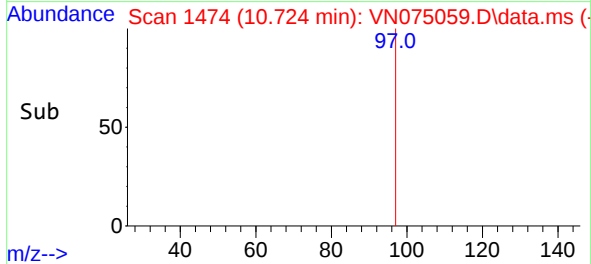
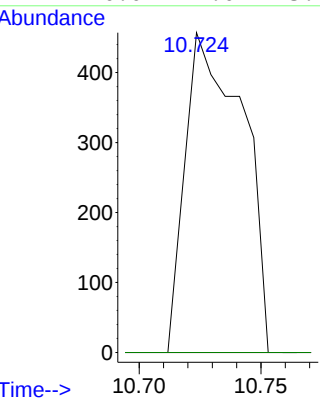
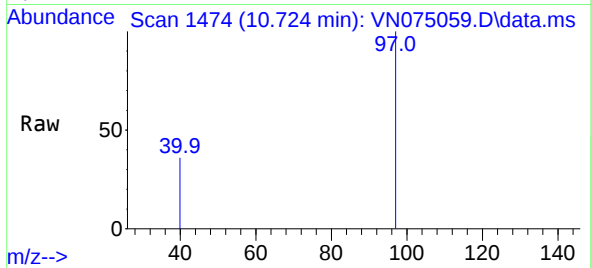
Ion Ratio Lower Upper

97 100

83 0.0 67.2 100.8#

85 0.0 43.0 64.4#

99 0.0 49.0 73.4#



#55

2-Chloroethyl vinyl ether

Concen: 1.598 ug/l

RT: 10.629 min Scan# 1458

Delta R.T. 0.465 min

Lab File: VN075059.D

Acq: 28 Oct 2022 14:36

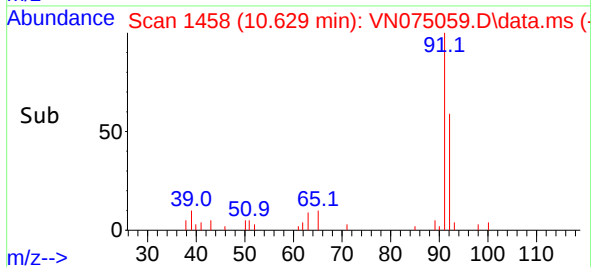
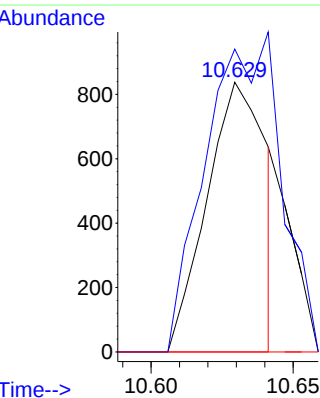
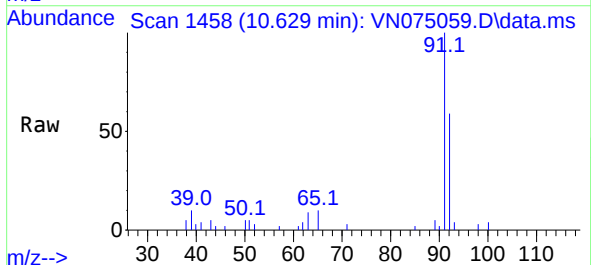
Tgt Ion: 63 Resp: 1214

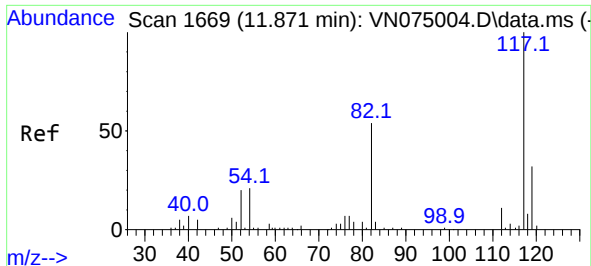
Ion Ratio Lower Upper

63 100

65 99.7 25.4 38.0#

106 0.0 23.2 34.8#

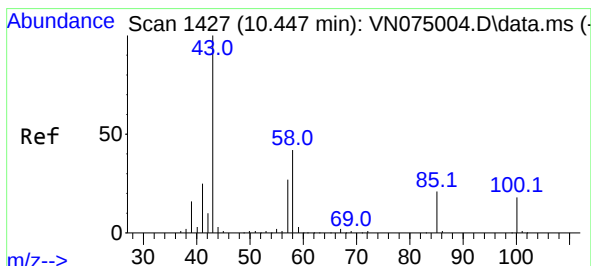
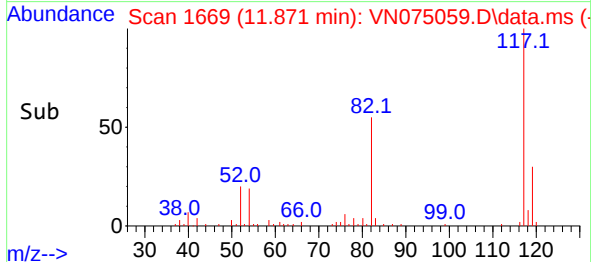
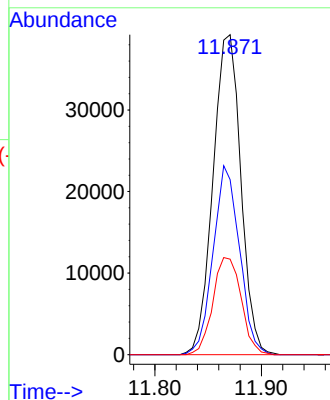
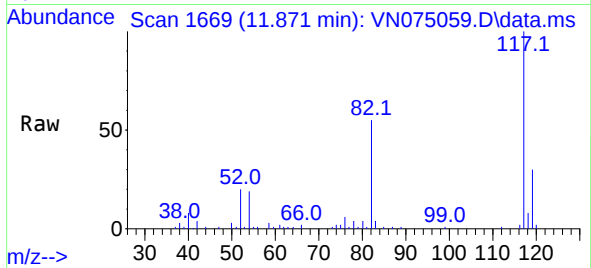




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

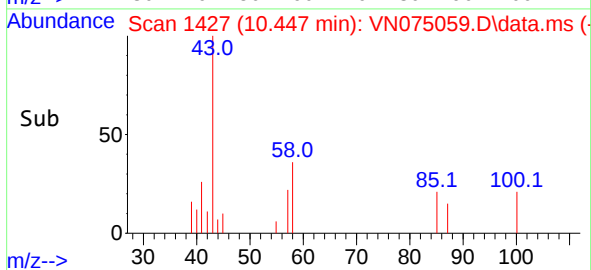
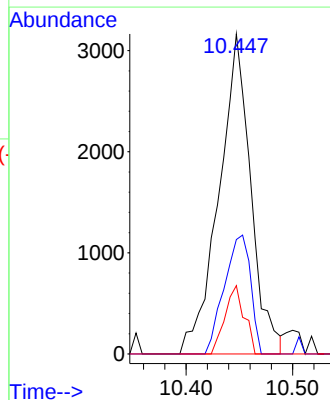
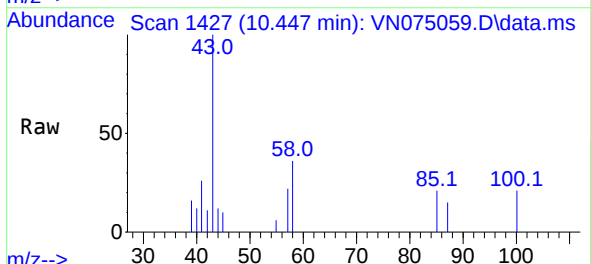
Instrument :
MSVOA_N
ClientSampleId :
221026069-02-VOA

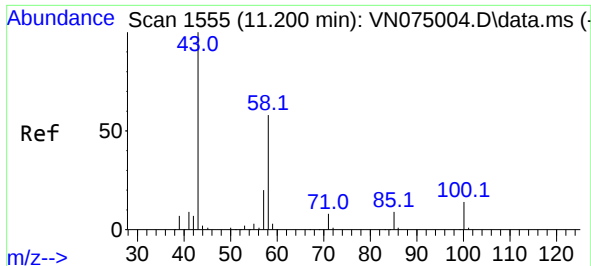
Tgt Ion:117 Resp: 71236
Ion Ratio Lower Upper
117 100
82 55.9 43.6 65.4
119 30.9 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 4.270 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

Tgt Ion: 43 Resp: 6561
Ion Ratio Lower Upper
43 100
58 30.6 30.0 45.0
85 13.0 15.0 22.6#

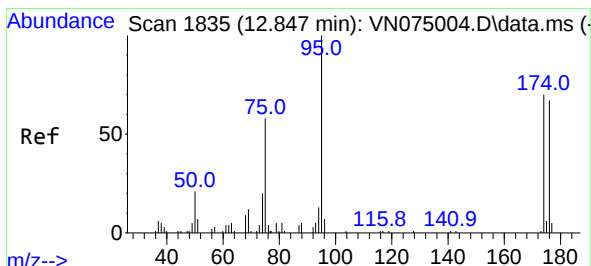
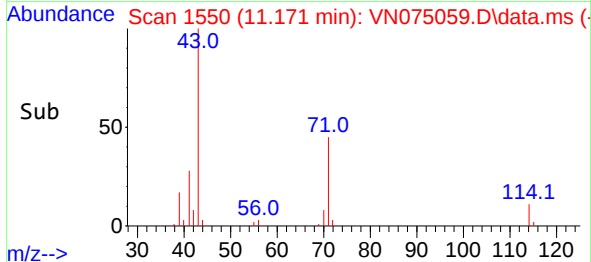
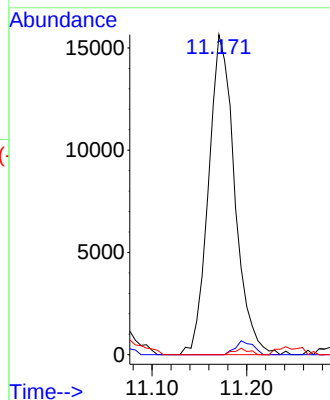
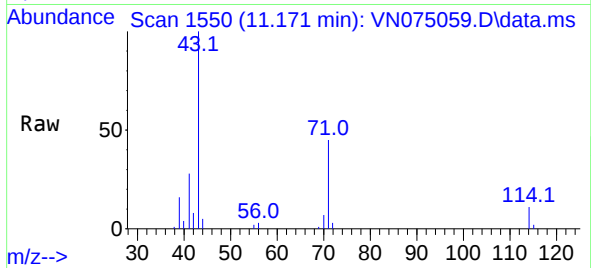




#59
2-Hexanone
Concen: 25.458 ug/l
RT: 11.171 min Scan# 111
Delta R.T. -0.029 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

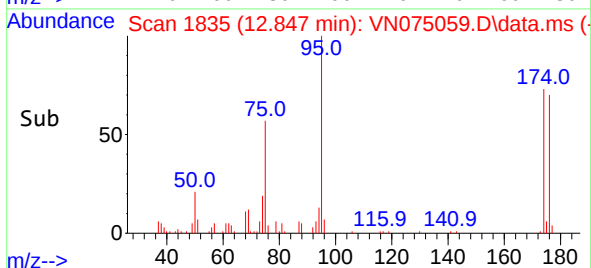
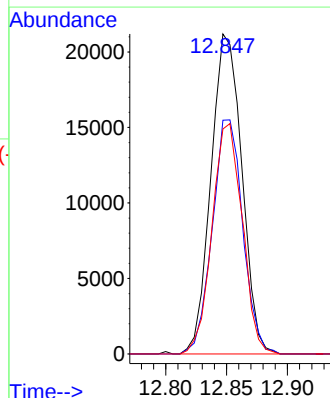
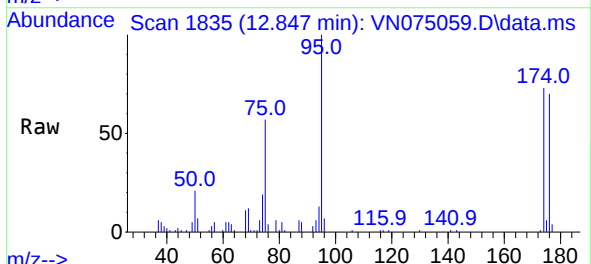
Instrument :
MSVOA_N
ClientSampleId :
221026069-02-VOA

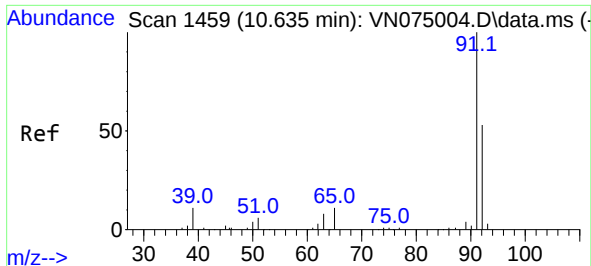
Tgt Ion: 43 Resp: 30008
Ion Ratio Lower Upper
43 100
58 2.9 42.2 63.2#
57 1.1 15.0 22.4#



#60
4-Bromofluorobenzene
Concen: 26.747 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

Tgt Ion: 95 Resp: 37437
Ion Ratio Lower Upper
95 100
174 72.1 62.9 94.3
176 70.3 61.0 91.4

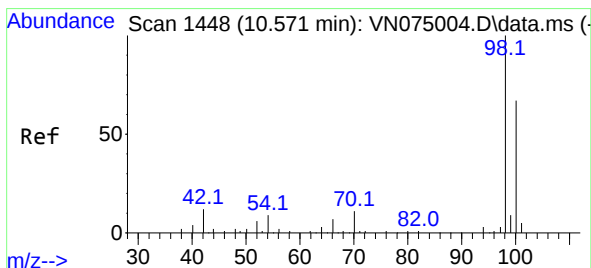
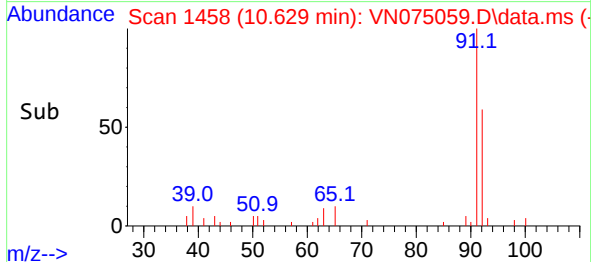
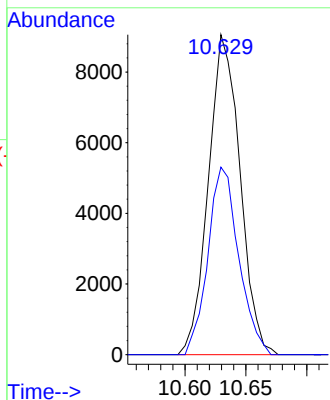
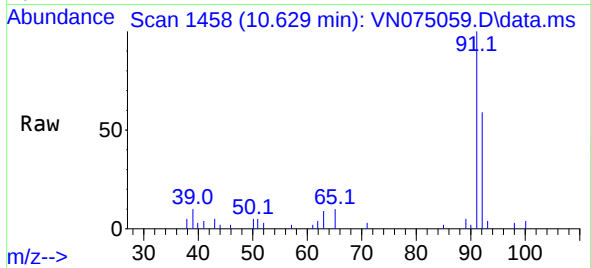




#62
Toluene
Concen: 3.549 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

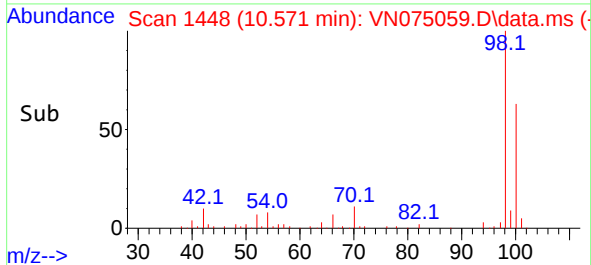
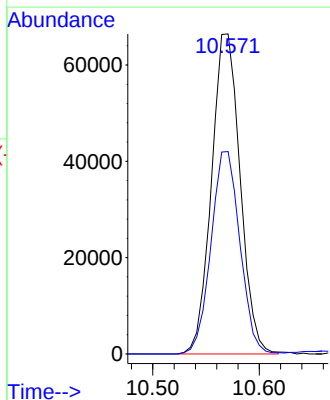
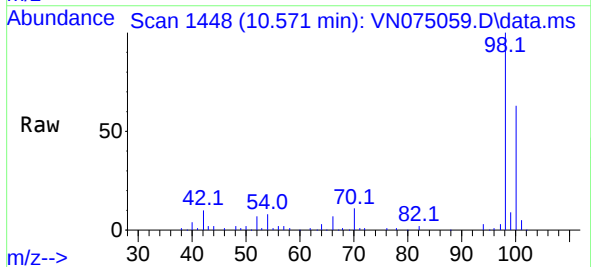
Instrument :
MSVOA_N
ClientSampleId :
221026069-02-VOA

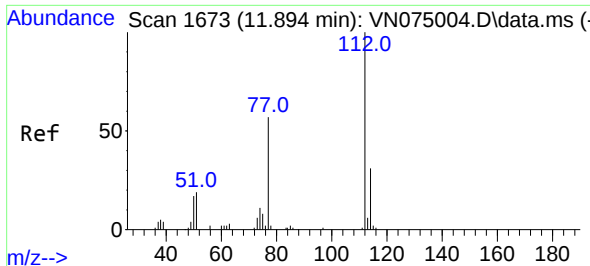
Tgt Ion: 91 Resp: 16369
Ion Ratio Lower Upper
91 100
92 57.2 44.6 67.0



#63
Toluene-d8
Concen: 31.171 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

Tgt Ion: 98 Resp: 124193
Ion Ratio Lower Upper
98 100
100 63.8 50.6 76.0

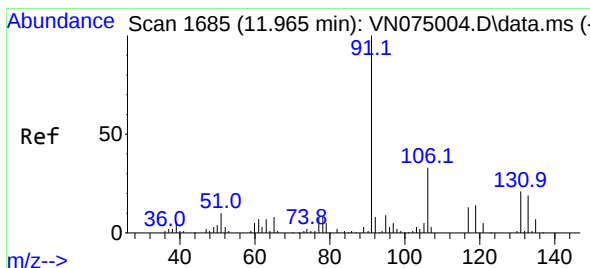
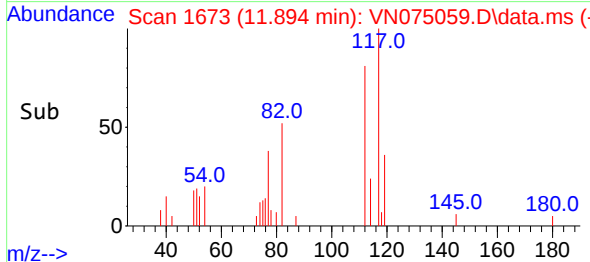
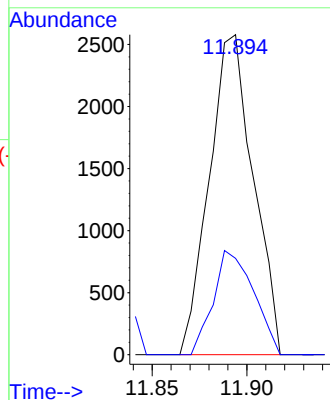
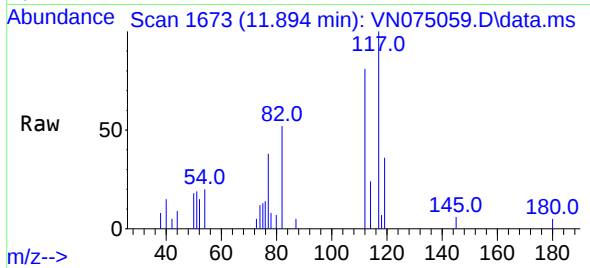




#64
Chlorobenzene
Concen: 1.458 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

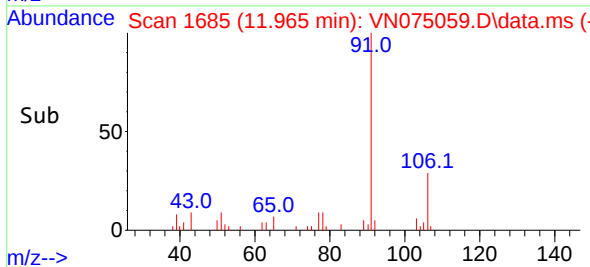
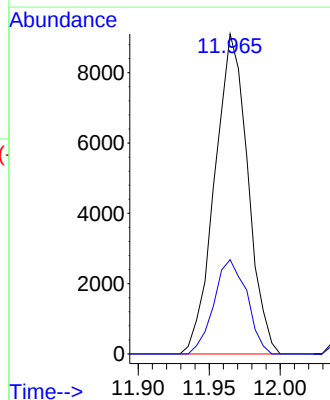
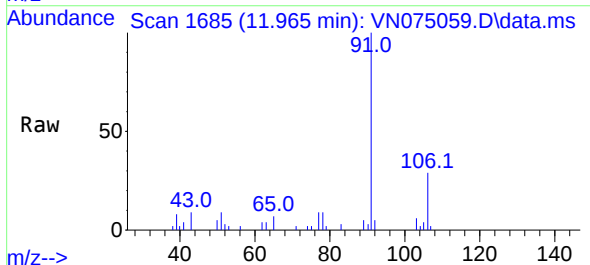
Instrument :
MSVOA_N
ClientSampleId :
221026069-02-VOA

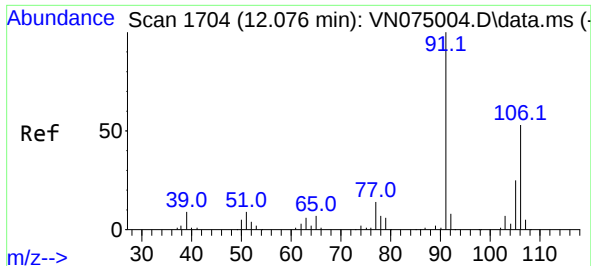
Tgt Ion:112 Resp: 4166
Ion Ratio Lower Upper
112 100
114 30.1 25.8 38.6



#66
Ethyl Benzene
Concen: 2.836 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

Tgt Ion: 91 Resp: 14742
Ion Ratio Lower Upper
91 100
106 29.5 24.0 36.0

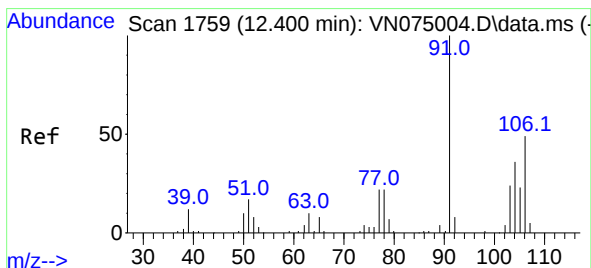
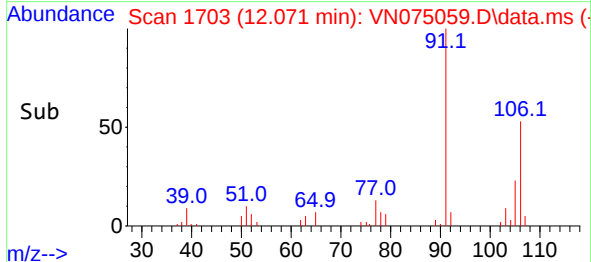
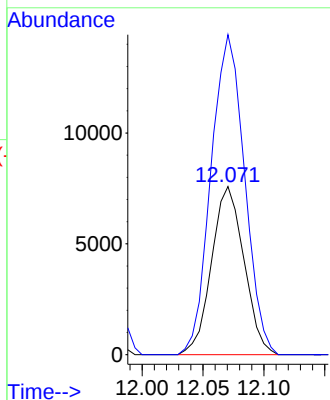
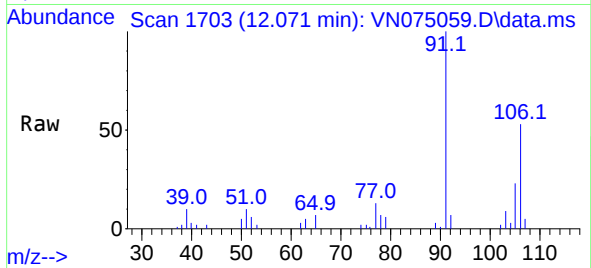




#67
m/p-Xylenes
Concen: 6.756 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

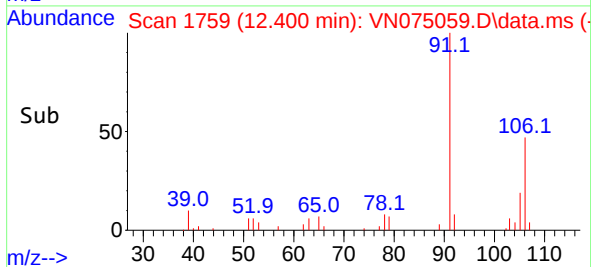
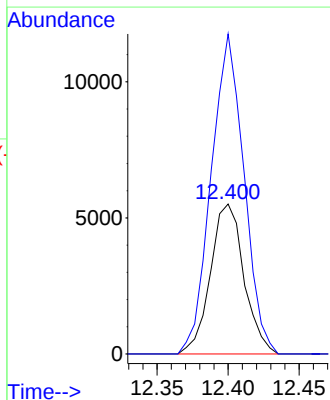
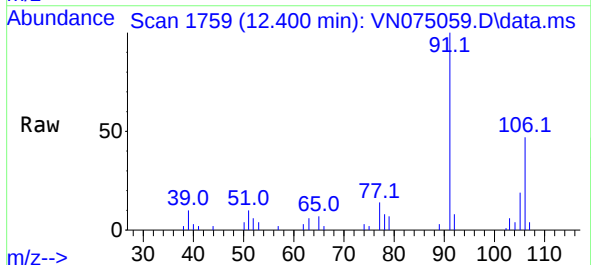
Instrument :
MSVOA_N
ClientSampleId :
221026069-02-VOA

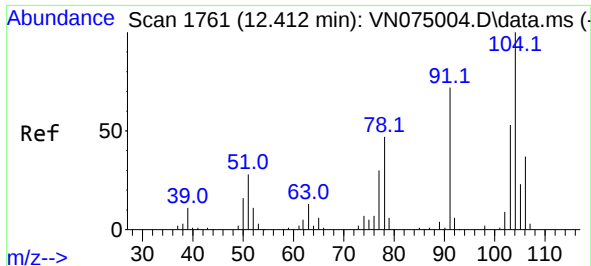
Tgt Ion:106 Resp: 14083
Ion Ratio Lower Upper
106 100
91 196.8 162.9 244.3



#68
o-Xylene
Concen: 4.314 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

Tgt Ion:106 Resp: 9040
Ion Ratio Lower Upper
106 100
91 209.1 107.7 323.1

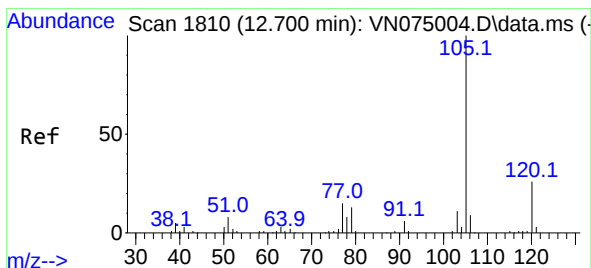
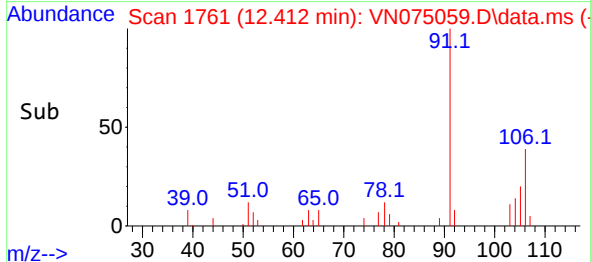
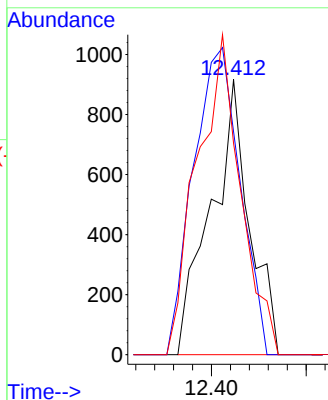
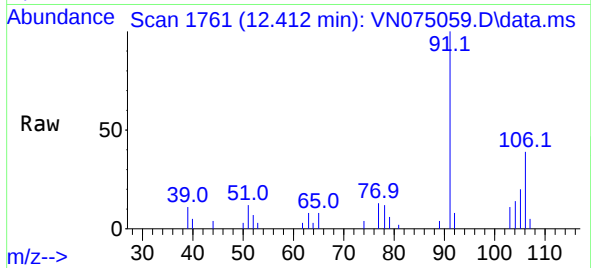




#69
Styrene
Concen: 0.378 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

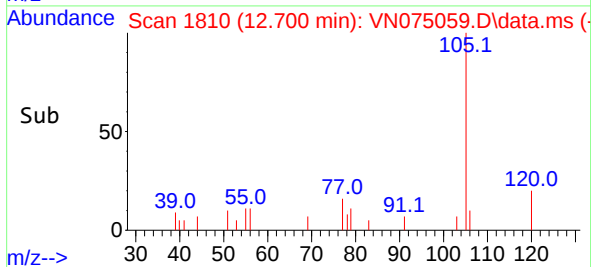
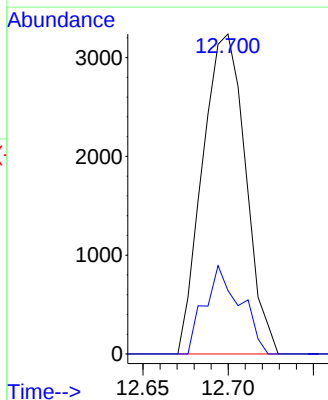
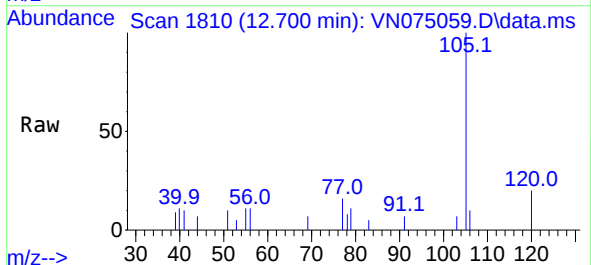
Instrument :
MSVOA_N
ClientSampleId :
221026069-02-VOA

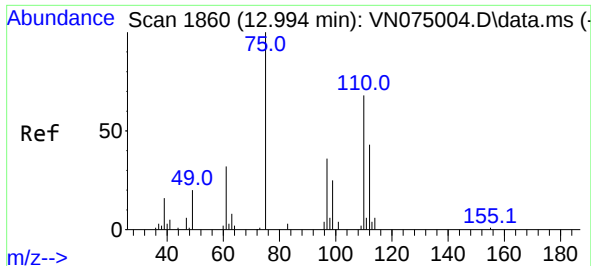
Tgt Ion:104 Resp: 1297
Ion Ratio Lower Upper
104 100
78 135.2 40.7 61.1#
103 130.5 45.8 68.8#



#70
Isopropylbenzene
Concen: 1.042 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

Tgt Ion:105 Resp: 5690
Ion Ratio Lower Upper
105 100
120 22.9 18.3 34.1

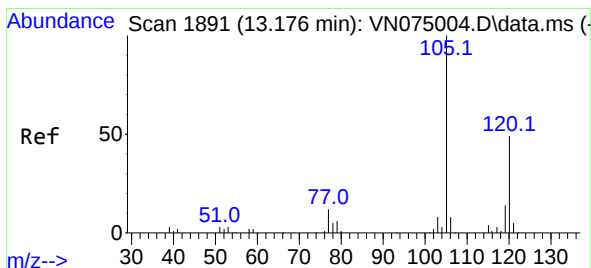
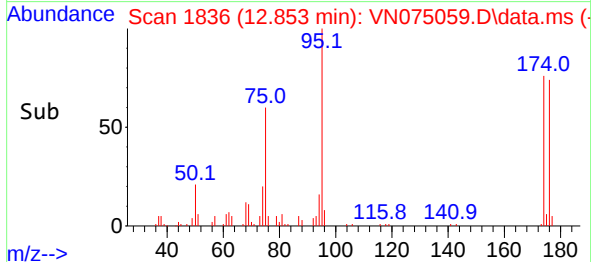
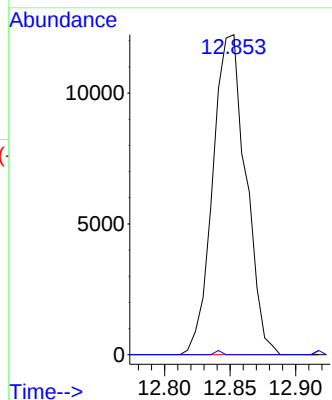
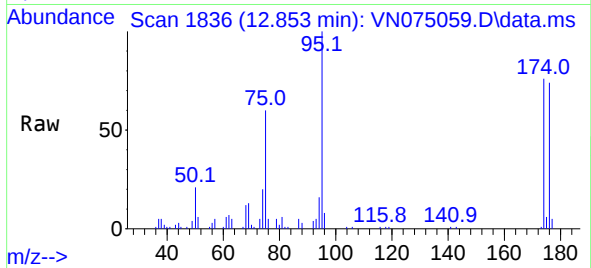




#72
1,2,3-Trichloropropane
Concen: 13.300 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

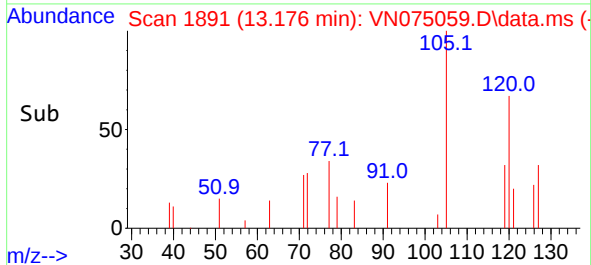
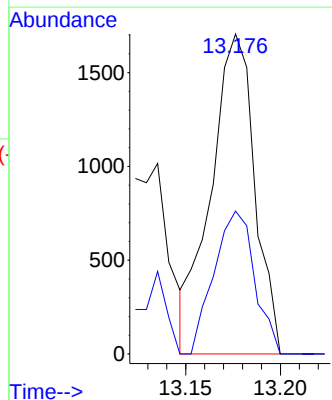
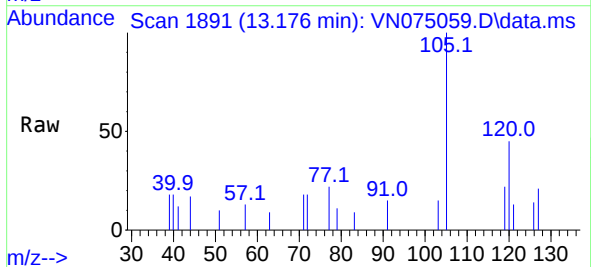
Instrument :
MSVOA_N
ClientSampleId :
221026069-02-VOA

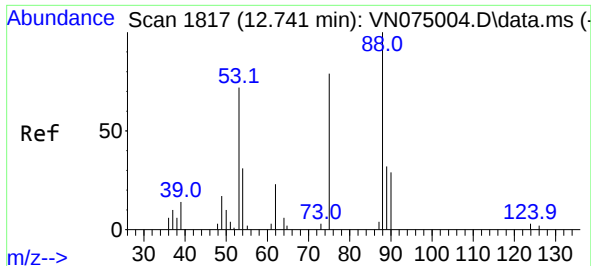
Tgt Ion: 75 Resp: 21479
Ion Ratio Lower Upper
75 100
77 1.9 0.0 378.0



#76
1,3,5-Trimethylbenzene
Concen: 0.594 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

Tgt Ion: 105 Resp: 2747
Ion Ratio Lower Upper
105 100
120 41.3 0.0 93.8





#77

t-1,4-Dichloro-2-butene

Concen: 0.362 ug/l

RT: 12.641 min Scan# 1817

Delta R.T. -0.100 min

Lab File: VN075059.D

Acq: 28 Oct 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :

221026069-02-VOA

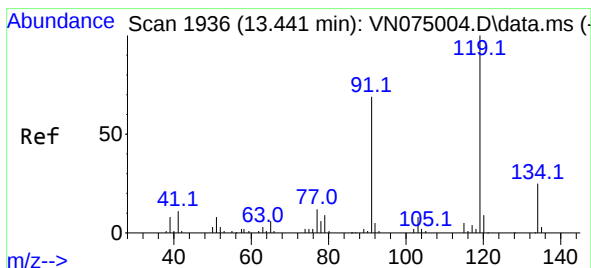
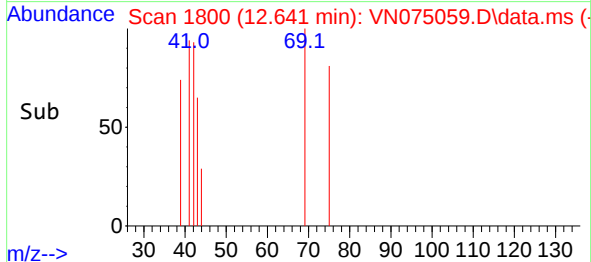
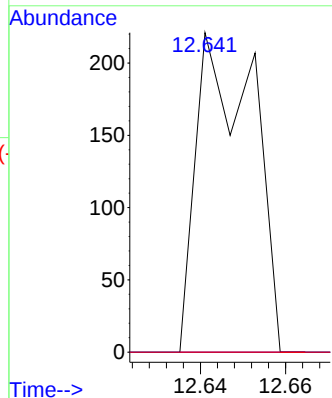
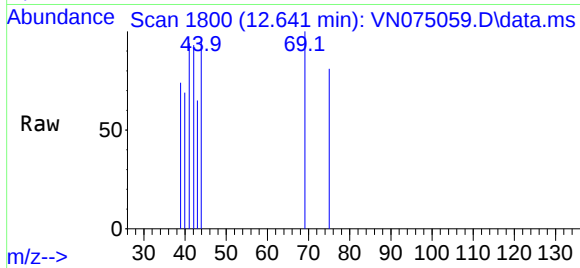
Tgt Ion: 75 Resp: 204

Ion Ratio Lower Upper

75 100

53 0.0 51.8 155.5#

89 0.0 22.9 68.7#



#79

tert-butylbenzene

Concen: 0.325 ug/l

RT: 13.676 min Scan# 1976

Delta R.T. 0.235 min

Lab File: VN075059.D

Acq: 28 Oct 2022 14:36

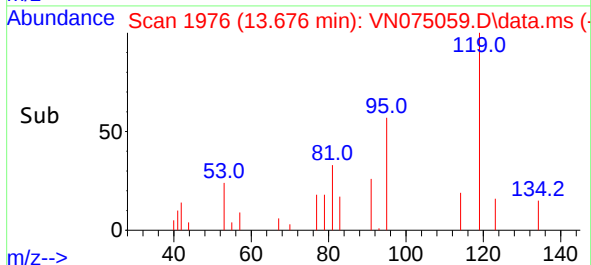
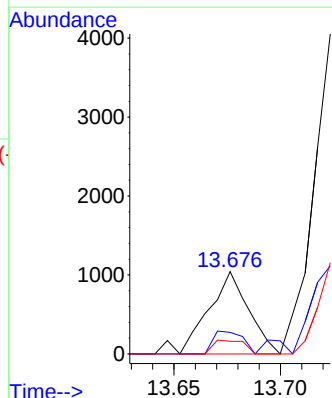
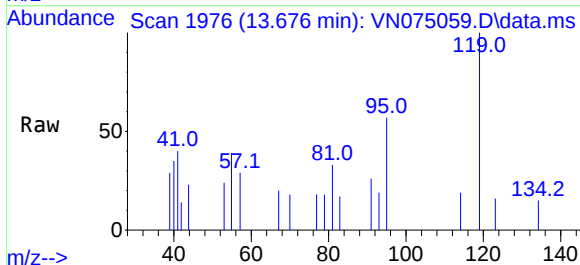
Tgt Ion: 119 Resp: 1344

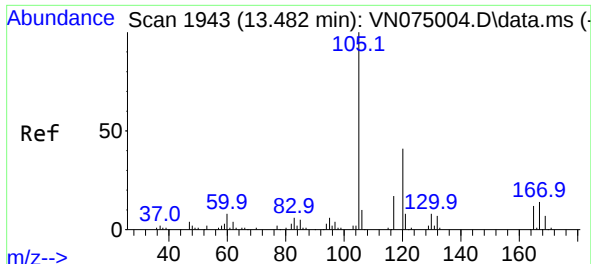
Ion Ratio Lower Upper

119 100

91 20.6 0.0 137.0

134 12.9 0.0 47.6

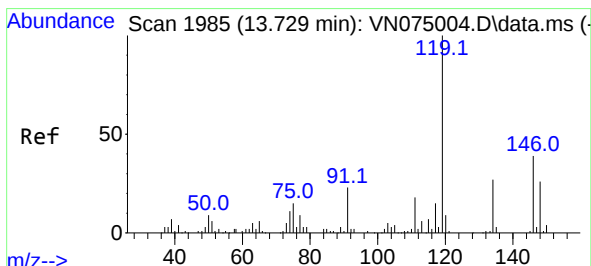
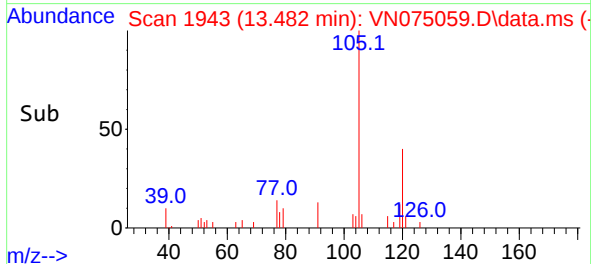
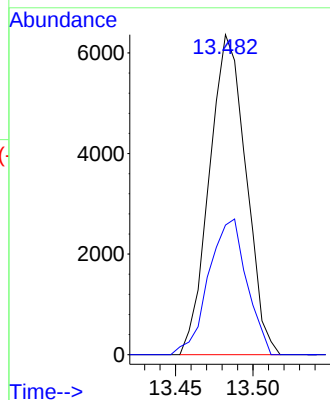
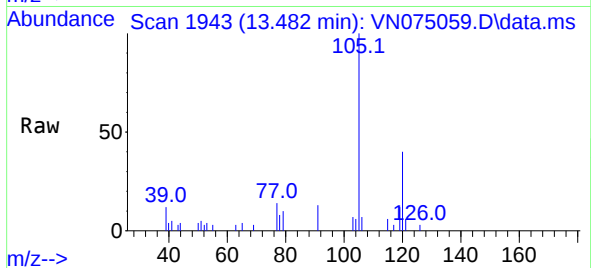




#80
1,2,4-Trimethylbenzene
Concen: 2.223 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

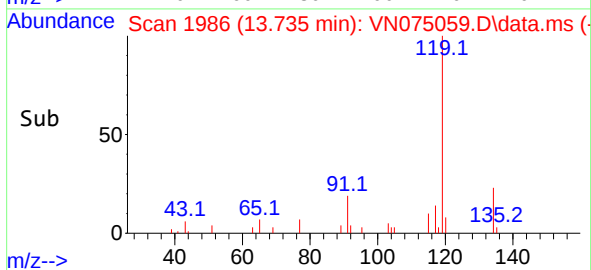
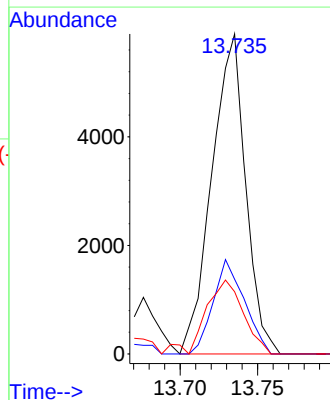
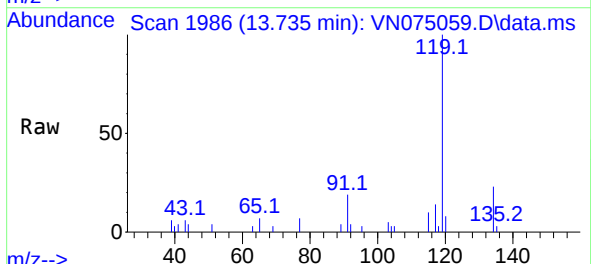
Instrument :
MSVOA_N
ClientSampleId :
221026069-02-VOA

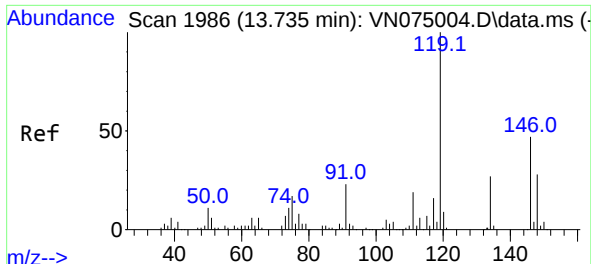
Tgt Ion:105 Resp: 10460
Ion Ratio Lower Upper
105 100
120 44.1 0.0 0.2#



#82
p-Isopropyltoluene
Concen: 1.826 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

Tgt Ion:119 Resp: 8942
Ion Ratio Lower Upper
119 100
134 27.3 0.0 51.8
91 24.7 0.0 50.4





#83

1,3-Dichlorobenzene

Concen: 2.552 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. 0.076 min

Lab File: VN075059.D

Acq: 28 Oct 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :

221026069-02-VOA

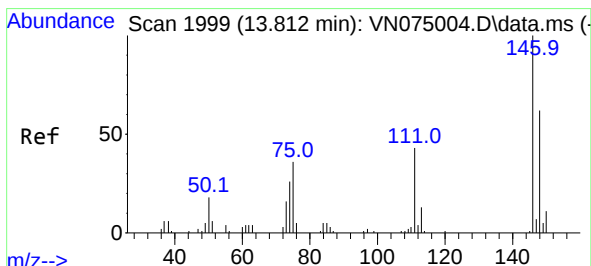
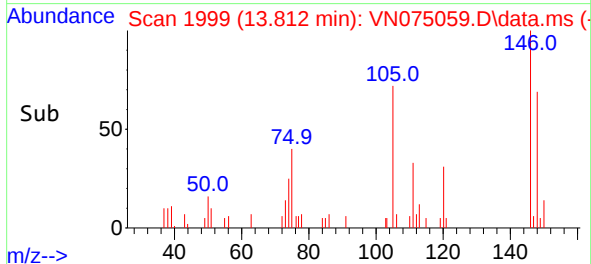
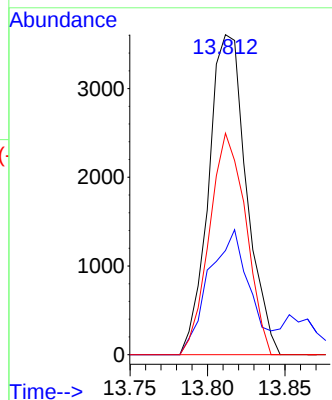
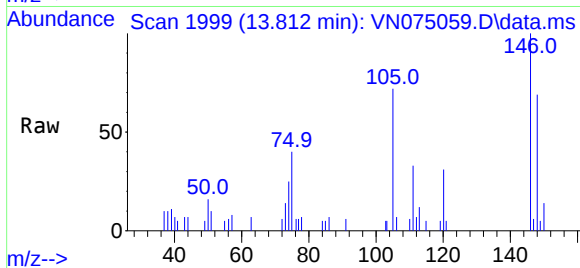
Tgt Ion:146 Resp: 6132

Ion Ratio Lower Upper

146 100

111 42.3 20.8 62.2

148 66.6 31.4 94.3



#84

1,4-Dichlorobenzene

Concen: 2.645 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN075059.D

Acq: 28 Oct 2022 14:36

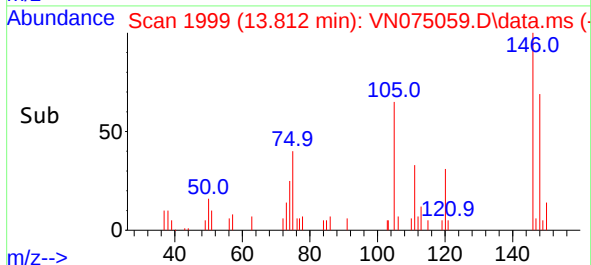
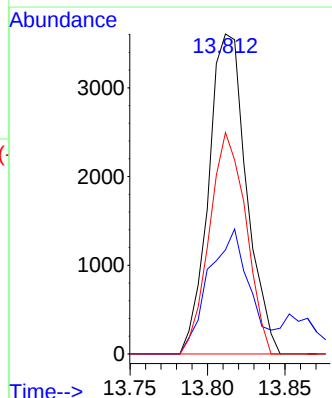
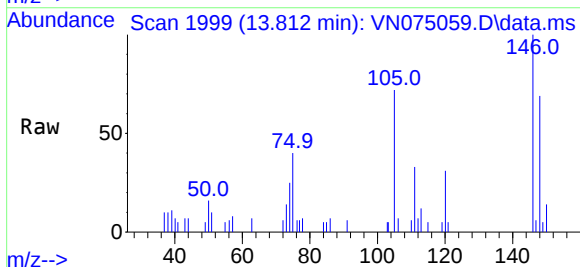
Tgt Ion:146 Resp: 6132

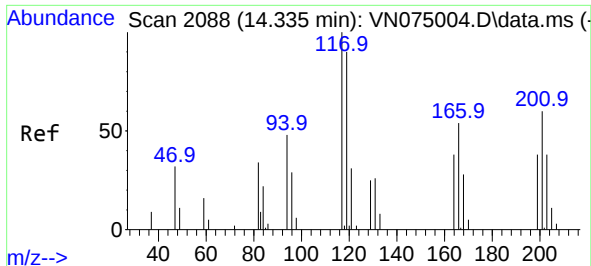
Ion Ratio Lower Upper

146 100

111 42.3 19.5 58.5

148 66.6 31.1 93.5

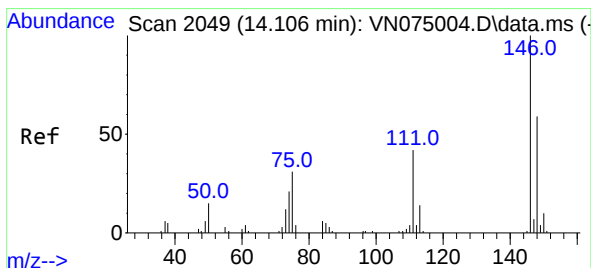
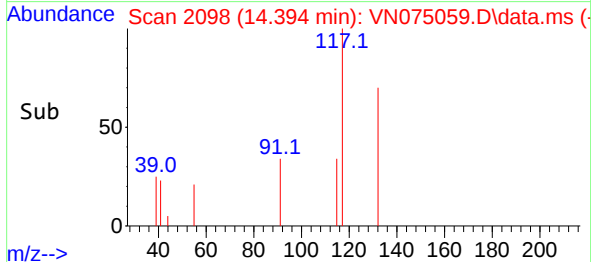
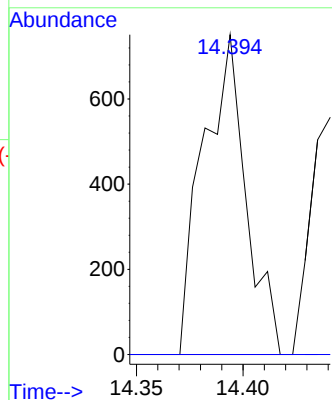
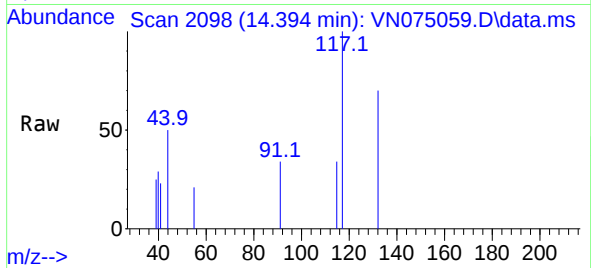




#86
Hexachloroethane
Concen: 1.161 ug/l
RT: 14.394 min Scan# 2088
Delta R.T. 0.059 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

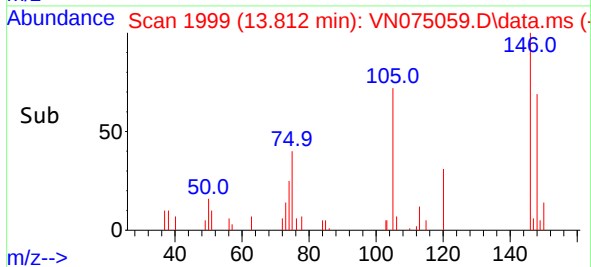
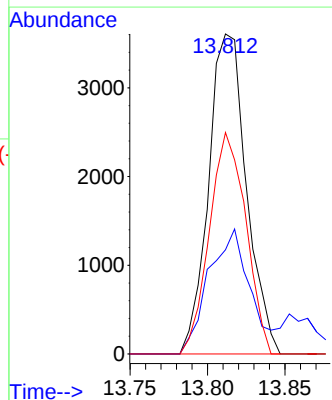
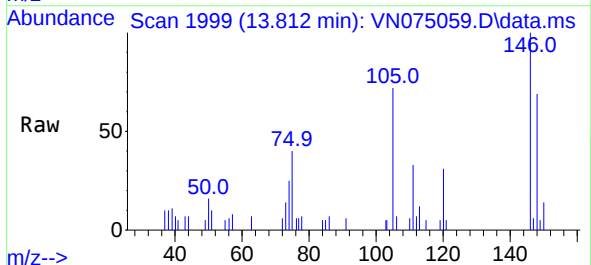
Instrument :
MSVOA_N
ClientSampleId :
221026069-02-VOA

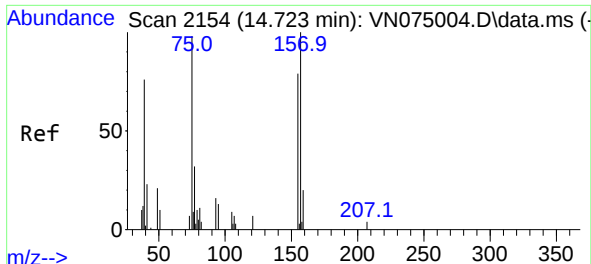
Tgt Ion:117 Resp: 1054
Ion Ratio Lower Upper
117 100
201 0.0 33.3 99.8#



#87
1,2-Dichlorobenzene
Concen: 2.580 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.294 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

Tgt Ion:146 Resp: 6132
Ion Ratio Lower Upper
146 100
111 42.3 21.4 64.2
148 66.6 32.5 97.4

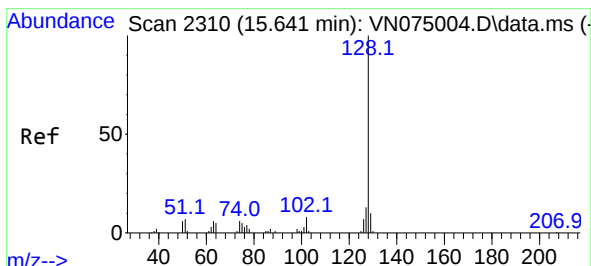
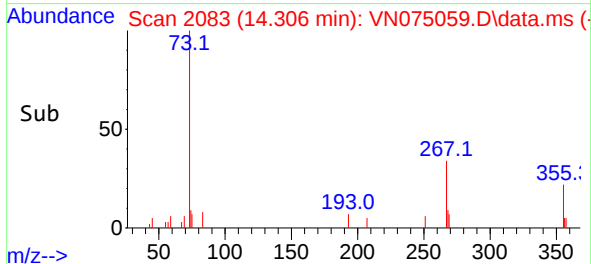
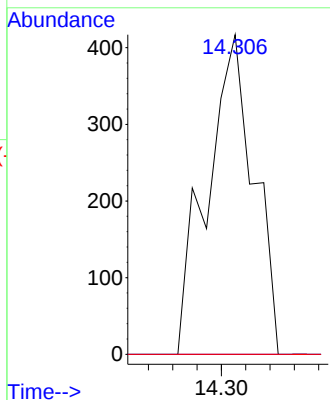
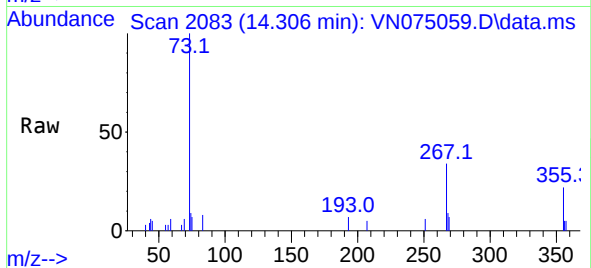




#88
1,2-Dibromo-3-Chloropropane
Concen: 1.490 ug/l
RT: 14.306 min Scan# 2083
Delta R.T. -0.418 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

Instrument :
MSVOA_N
ClientSampleId :
221026069-02-VOA

Tgt Ion: 75 Resp: 557
Ion Ratio Lower Upper
75 100
155 0.0 63.8 95.8#
157 0.0 77.9 116.9#



#91
Naphthalene
Concen: 5.452 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075059.D
Acq: 28 Oct 2022 14:36

Tgt Ion: 128 Resp: 22685
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 4.9 9.0 13.6#

