

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040822\
 Data File : VN071921.D
 Acq On : 08 Apr 2022 17:56
 Operator : JC\MD
 Sample : N2308-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 INF0422

Quant Time: Apr 09 05:06:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	688433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1128807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1221191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	510493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	358627	45.631	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.260%
35) Dibromofluoromethane	8.016	113	323969	48.773	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.540%
50) Toluene-d8	10.439	98	1457160	53.626	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.260%
62) 4-Bromofluorobenzene	12.727	95	549936	62.578	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	125.160%
Target Compounds						
					Qvalue	
3) Chloromethane	2.234	50	4073	0.587	ug/l #	43
6) Chloroethane	2.775	64	4769	0.870	ug/l #	48
11) Tert butyl alcohol	5.369	59	24667	19.340	ug/l #	72
13) Acrolein	3.993	56	30521	19.626	ug/l #	1
14) Allyl chloride	4.963	41	43482	4.715	ug/l #	40
15) Acrylonitrile	5.622	53	20303	5.477	ug/l #	39
16) Acetone	4.257	43	72624	21.622	ug/l #	51
18) Methyl Acetate	4.922	43	17168	0.567	ug/l #	48
19) Methyl tert-butyl Ether	5.616	73	16719	0.792	ug/l #	1
20) Methylene Chloride	5.234	84	91239	12.888	ug/l #	14
22) Diisopropyl ether	6.492	45	23892	1.190	ug/l	93
23) Vinyl Acetate	6.481	43	21362	1.338	ug/l #	68
24) 1,1-Dichloroethane	6.469	63	3371	0.286	ug/l #	82
25) 2-Butanone	7.328	43	4459	0.921	ug/l #	62
28) Bromochloromethane	7.839	49	5483	1.153	ug/l #	8
29) Tetrahydrofuran	7.687	42	3181	1.015	ug/l #	29
30) Chloroform	7.839	83	23006	1.848	ug/l #	54
31) Cyclohexane	8.092	56	506569	47.395	ug/l	98
36) 1,1-Dichloropropene	8.081	75	44915	4.842	ug/l #	48
37) Ethyl Acetate	7.328	43	4459	0.439	ug/l #	67
38) Carbon Tetrachloride	8.081	117	59917	6.591	ug/l #	16
39) Methylcyclohexane	9.457	83	274894	24.896	ug/l	98
40) Benzene	8.457	78	2512260	85.737	ug/l	100
41) Methacrylonitrile	7.675	41	8956	1.802	ug/l #	37
42) 1,2-Dichloroethane	8.528	62	7482	0.738	ug/l #	74
43) Isopropyl Acetate	8.557	43	34307	2.032	ug/l #	53
45) 1,2-Dichloropropane	9.457	63	4840	0.661	ug/l #	1
47) Bromodichloromethane	9.628	83	5883	0.601	ug/l #	26
48) Methyl methacrylate	9.639	41	23068	3.293	ug/l #	35
51) 4-Methyl-2-Pentanone	10.322	43	5989	0.617	ug/l	97
52) Toluene	10.504	92	231203	12.482	ug/l	98
55) 1,1,2-Trichloroethane	10.875	97	28106	3.687	ug/l #	22
56) Ethyl methacrylate	10.780	69	3171	0.292	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.010	63	1776	17.461	ug/l #	44
59) 2-Hexanone	11.128	43	4993	0.730	ug/l	81
67) Ethyl Benzene	11.957	91	5910608	142.786	ug/l #	63

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

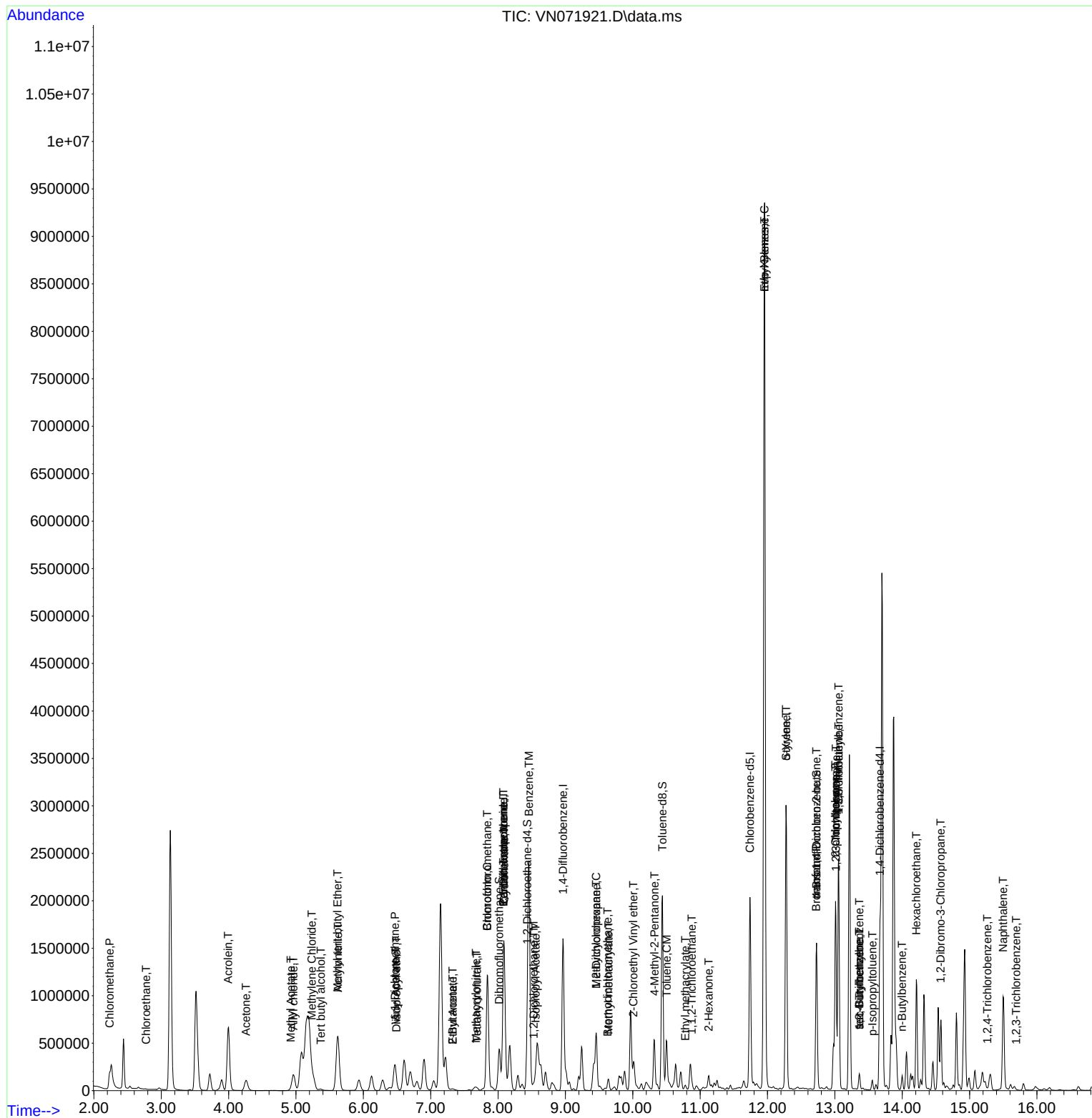
68) m/p-Xylenes	11.957	106	3012920	189.433	ug/l	98
69) o-Xylene	12.274	106	882278	55.887	ug/l	99
70) Styrene	12.274	104	42191	1.764	ug/l #	1
71) Bromoform	12.722	173	2549	0.379	ug/l #	28
76) 1,2,3-Trichloropropane	13.016	75	12221	1.033	ug/l #	1
78) n-propylbenzene	13.010	91	181410	4.009	ug/l #	1
79) 2-Chlorotoluene	13.010	91	181410	6.251	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.057	105	1405298	41.231	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.727	75	262104	68.684	ug/l #	11
82) 4-Chlorotoluene	13.057	91	139674	5.192	ug/l #	40
83) tert-Butylbenzene	13.363	119	12517	0.402	ug/l #	82
84) 1,2,4-Trimethylbenzene	13.363	105	99488	2.992	ug/l	99
85) sec-Butylbenzene	13.363	105	99488	2.463	ug/l #	56
86) p-Isopropyltoluene	13.557	119	52548	1.632	ug/l	95
89) n-Butylbenzene	13.998	91	15278	0.640	ug/l #	1
90) Hexachloroethane	14.210	117	58709	9.959	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.568	75	2606	1.171	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.263	180	1259	2.234	ug/l #	85
95) Naphthalene	15.498	128	979150	42.719	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	1506	2.596	ug/l #	81

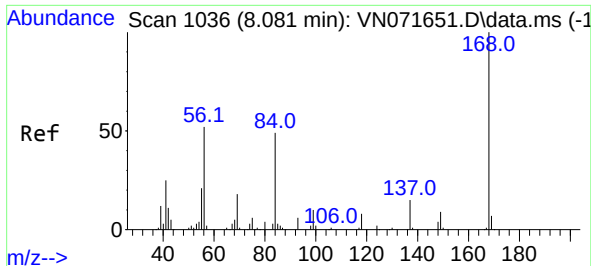
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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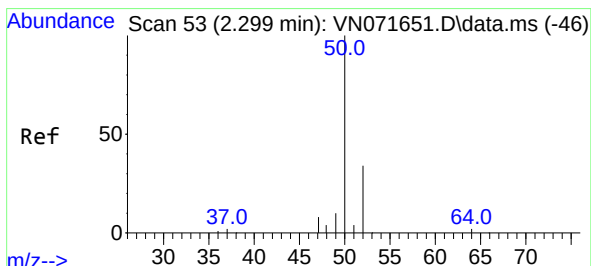
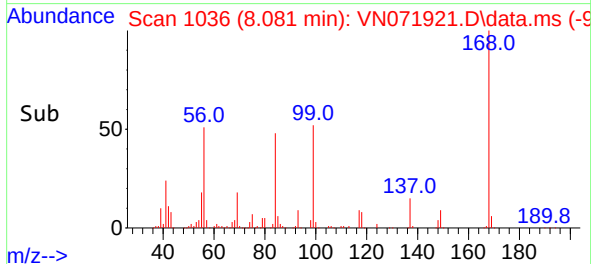
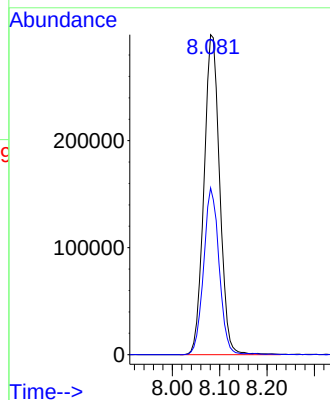
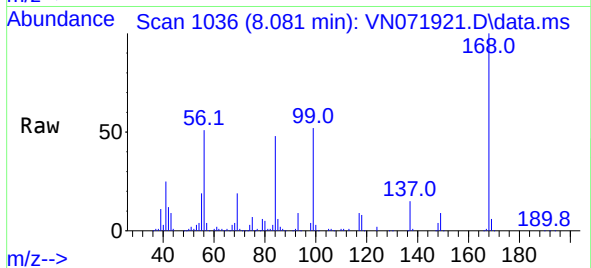




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

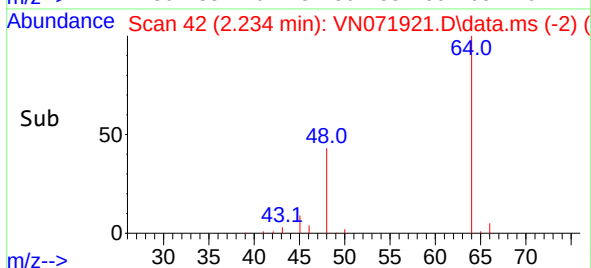
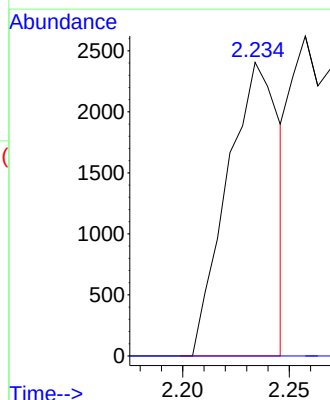
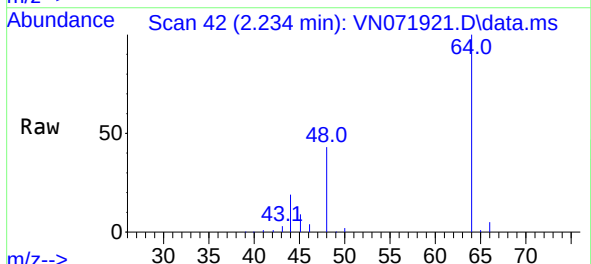
Instrument :
MSVOA_N
ClientSampleId :
INF0422

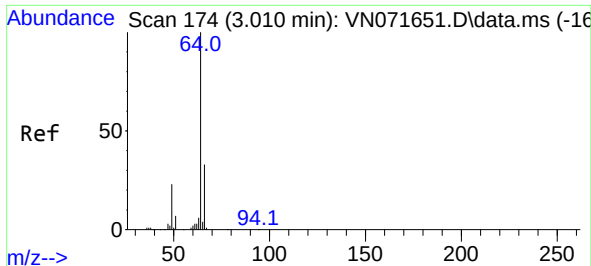
Tgt Ion:168 Resp: 688433
Ion Ratio Lower Upper
168 100
99 52.1 42.3 63.5



#3
Chloromethane
Concen: 0.587 ug/l
RT: 2.234 min Scan# 42
Delta R.T. -0.065 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

Tgt Ion: 50 Resp: 4073
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

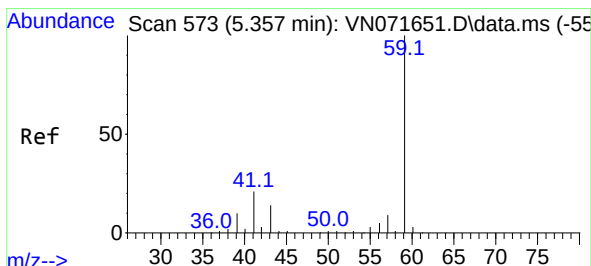
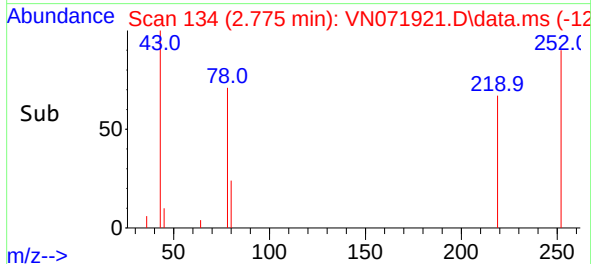
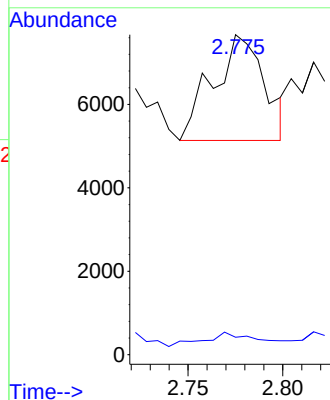
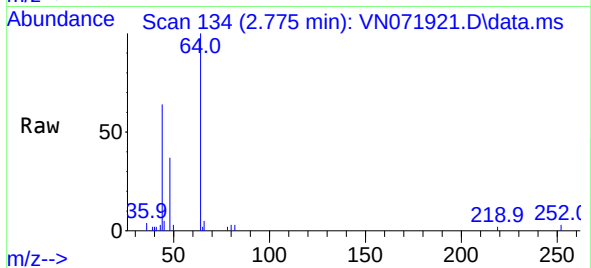




#6
Chloroethane
Concen: 0.870 ug/l
RT: 2.775 min Scan# 11
Delta R.T. -0.235 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

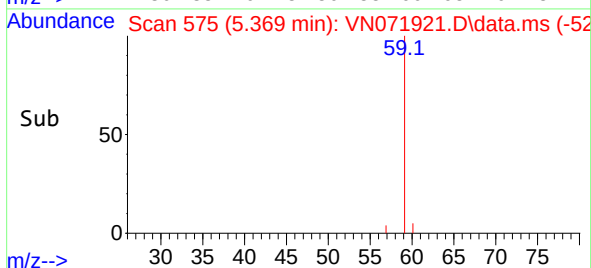
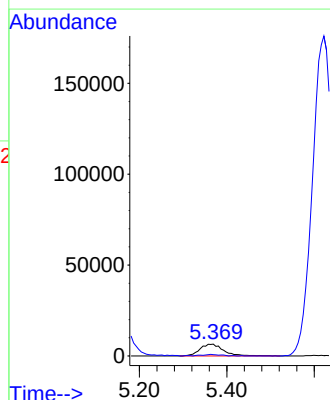
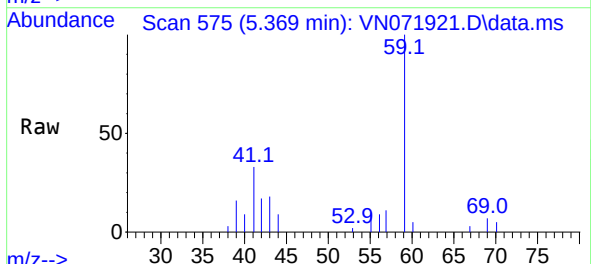
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MSVOA_N
ClientSampleId :
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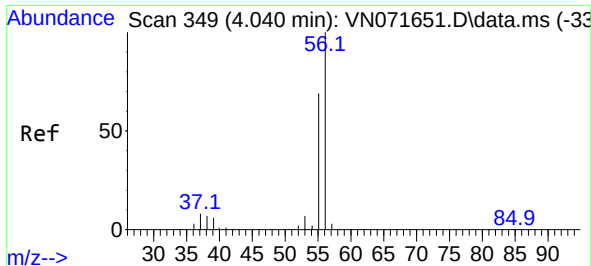
Tgt Ion: 64 Resp: 4769
Ion Ratio Lower Upper
64 100
66 3.6 26.2 39.4#



#11
Tert butyl alcohol
Concen: 19.340 ug/l
RT: 5.369 min Scan# 575
Delta R.T. 0.012 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

Tgt Ion: 59 Resp: 24667
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#13

Acrolein

Concen: 19.626 ug/l

RT: 3.993 min Scan# 34

Delta R.T. -0.047 min

Lab File: VN071921.D

Acq: 08 Apr 2022 17:56

Instrument :

MSVOA_N

ClientSampleId :

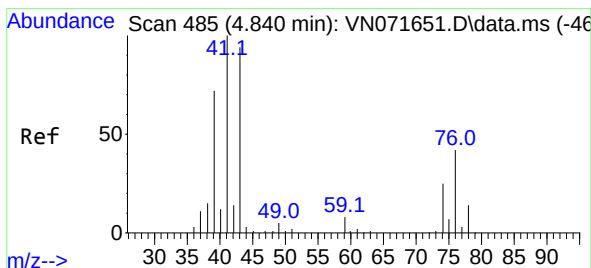
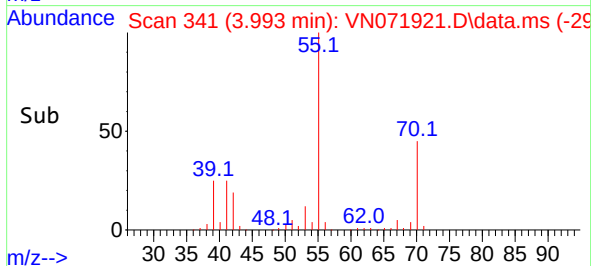
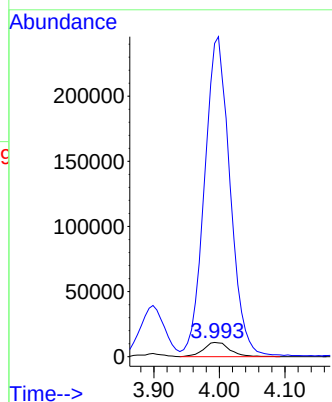
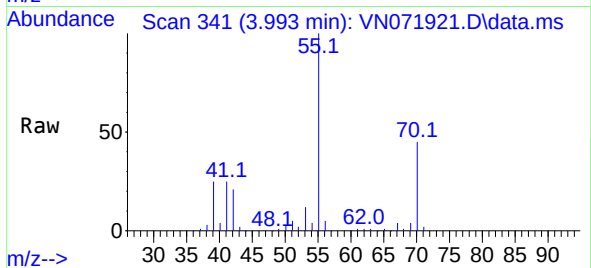
INF0422

Tgt Ion: 56 Resp: 30521

Ion Ratio Lower Upper

56 100

55 2174.1 54.8 82.2#



#14

Allyl chloride

Concen: 4.715 ug/l

RT: 4.963 min Scan# 506

Delta R.T. 0.123 min

Lab File: VN071921.D

Acq: 08 Apr 2022 17:56

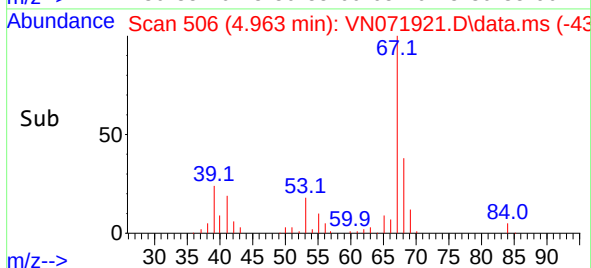
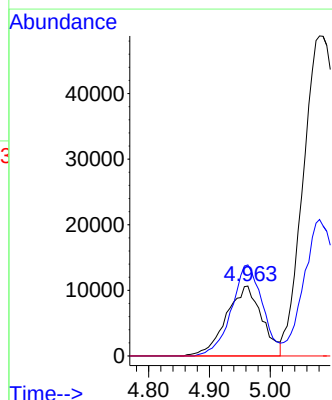
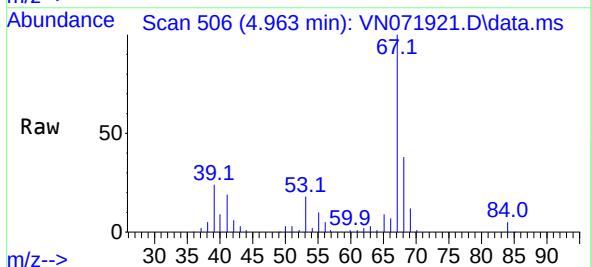
Tgt Ion: 41 Resp: 43482

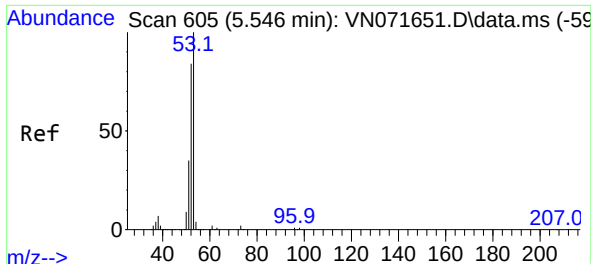
Ion Ratio Lower Upper

41 100

39 113.1 53.2 79.8#

76 0.0 29.9 44.9#

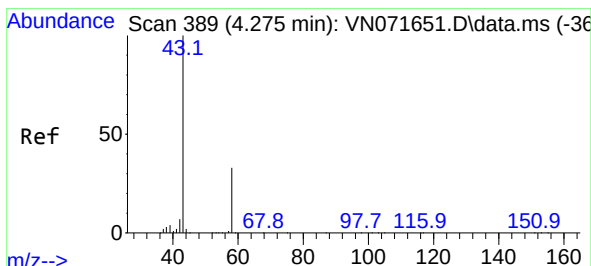
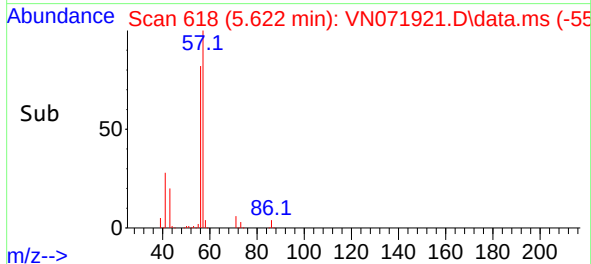
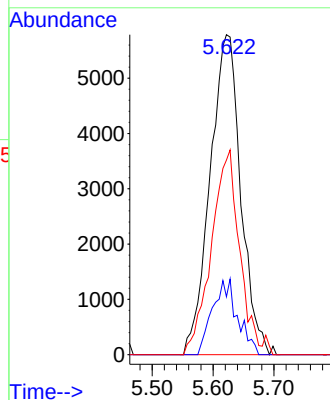
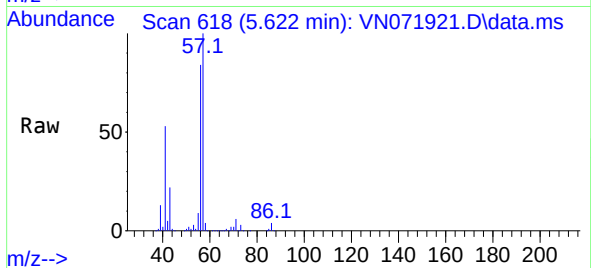




#15
Acrylonitrile
Concen: 5.477 ug/l
RT: 5.622 min Scan# 61
Delta R.T. 0.076 min
Lab File: VN071921.D
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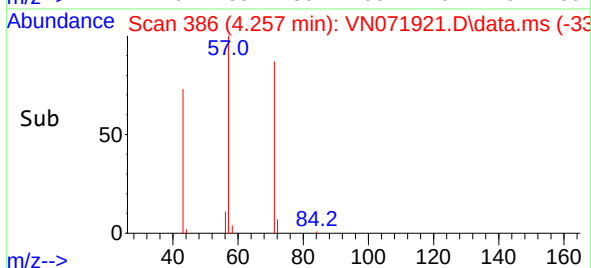
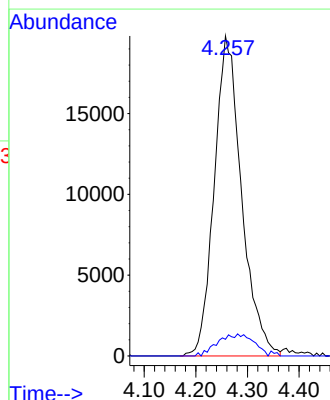
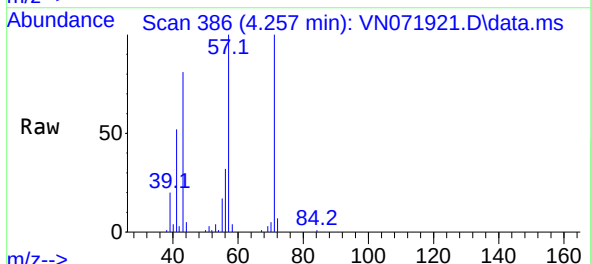
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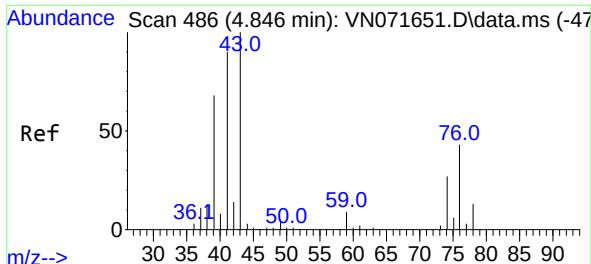
Tgt Ion: 53 Resp: 20303
Ion Ratio Lower Upper
53 100
52 19.1 66.4 99.6#
51 58.4 28.5 42.7#



#16
Acetone
Concen: 21.622 ug/l
RT: 4.257 min Scan# 386
Delta R.T. -0.018 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

Tgt Ion: 43 Resp: 72624
Ion Ratio Lower Upper
43 100
58 5.2 26.0 39.0#

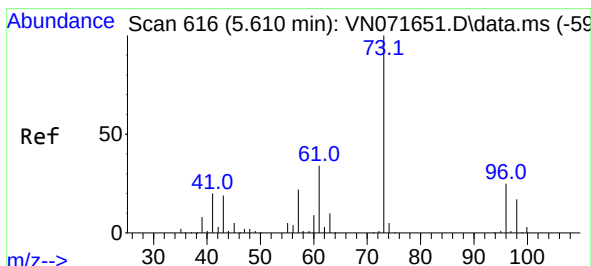
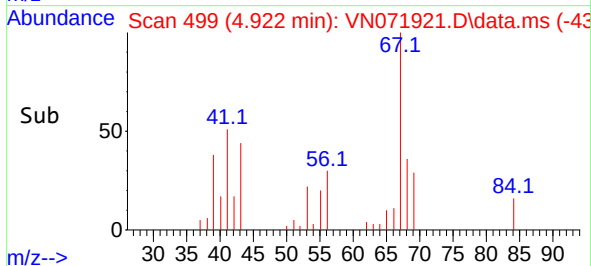
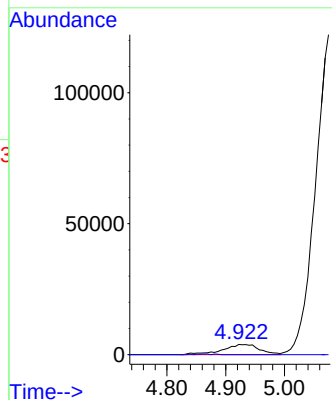
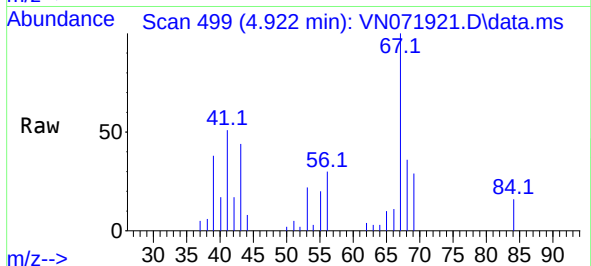




#18
Methyl Acetate
Concen: 0.567 ug/l
RT: 4.922 min Scan# 499
Delta R.T. 0.076 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

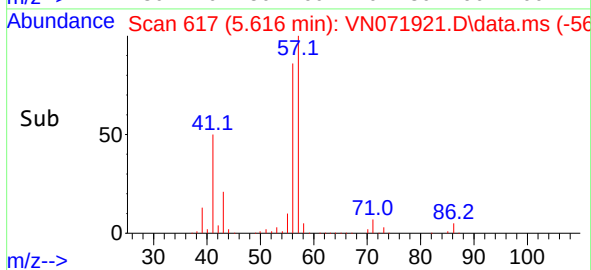
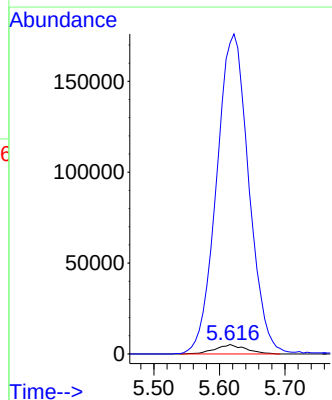
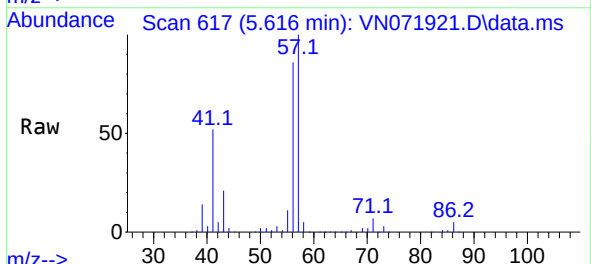
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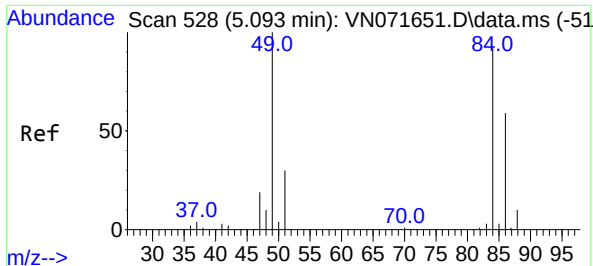
Tgt Ion: 43 Resp: 17168
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#19
Methyl tert-butyl Ether
Concen: 0.792 ug/l
RT: 5.616 min Scan# 617
Delta R.T. 0.006 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

Tgt Ion: 73 Resp: 16719
Ion Ratio Lower Upper
73 100
57 3275.2 17.6 26.4#



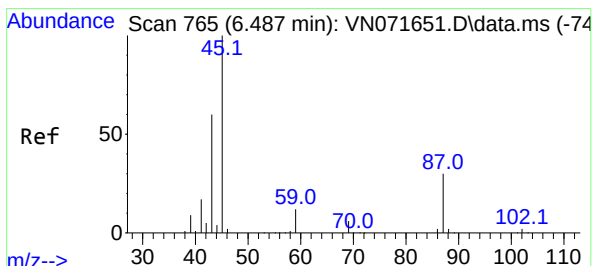
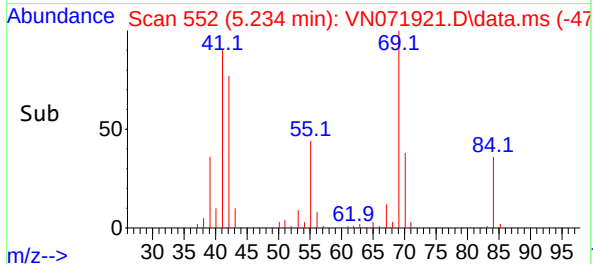
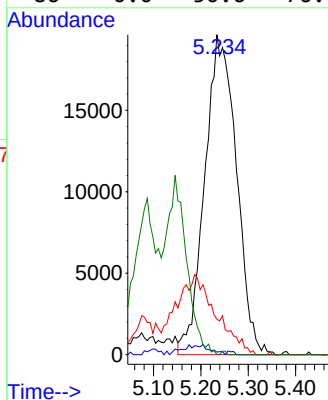
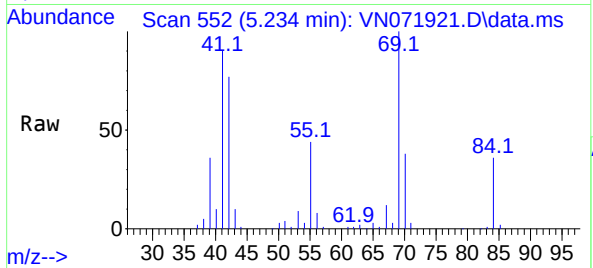


#20
Methylene Chloride
Concen: 12.888 ug/l
RT: 5.234 min Scan# 51
Delta R.T. 0.141 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

Instrument :
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ClientSampleId :
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Tgt Ion: 84 Resp: 91239

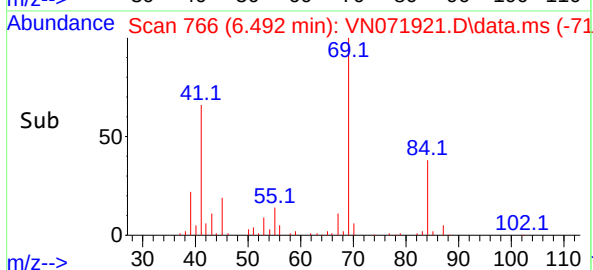
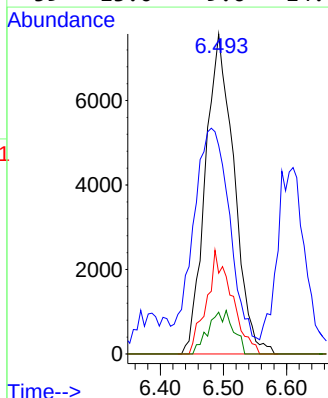
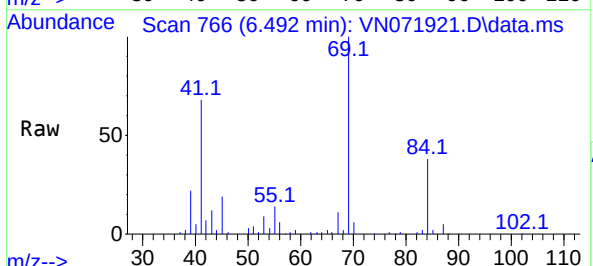
Ion	Ratio	Lower	Upper
84	100		
49	0.8	88.3	132.5#
51	11.1	28.2	42.2#
86	0.0	50.6	76.0#

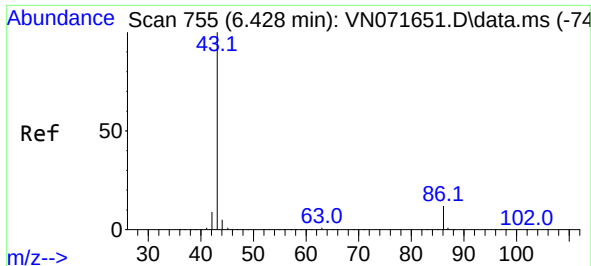


#22
Diisopropyl ether
Concen: 1.190 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

Tgt Ion: 45 Resp: 23892

Ion	Ratio	Lower	Upper
45	100		
43	52.8	46.6	70.0
87	25.3	24.3	36.5
59	13.0	9.6	14.4

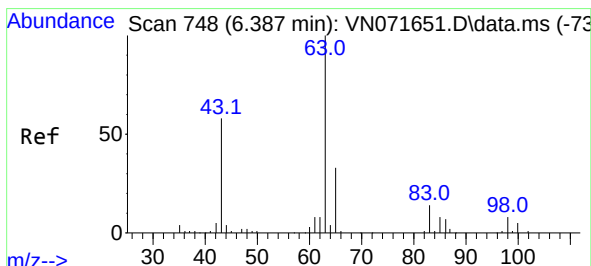
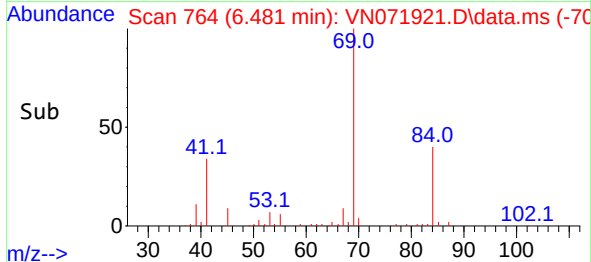
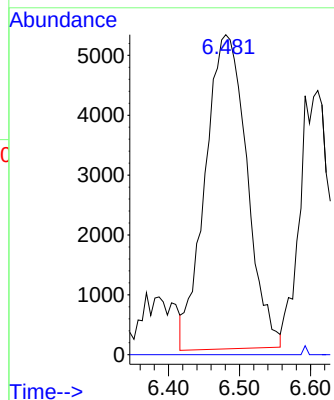
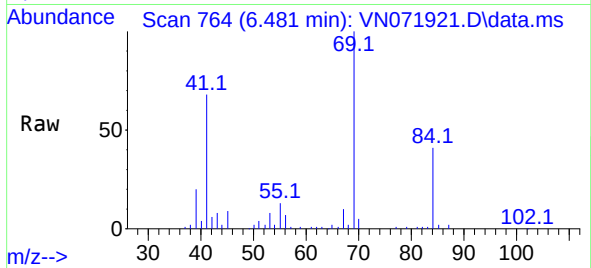




#23
 Vinyl Acetate
 Concen: 1.338 ug/l
 RT: 6.481 min Scan# 764
 Delta R.T. 0.053 min
 Lab File: VN071921.D
 Acq: 08 Apr 2022 17:56

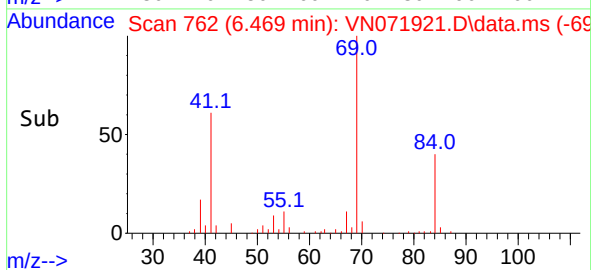
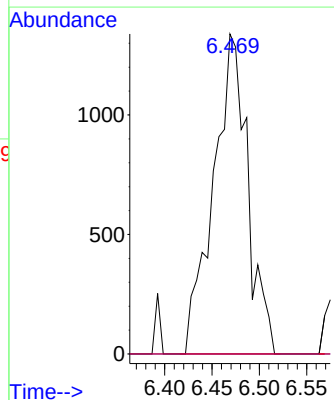
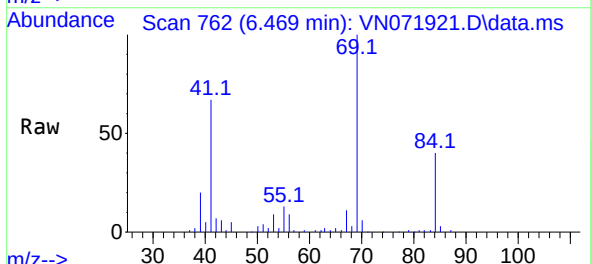
Instrument :
 MSVOA_N
 ClientSampleId :
 INF0422

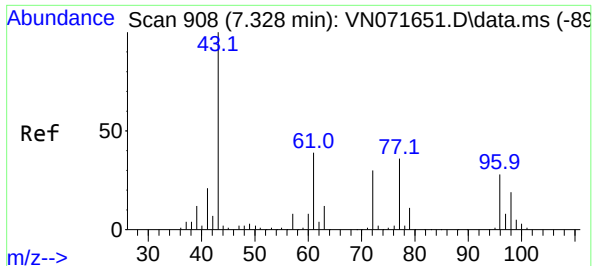
Tgt Ion: 43 Resp: 21362
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.0 15.0#



#24
 1,1-Dichloroethane
 Concen: 0.286 ug/l
 RT: 6.469 min Scan# 762
 Delta R.T. 0.082 min
 Lab File: VN071921.D
 Acq: 08 Apr 2022 17:56

Tgt Ion: 63 Resp: 3371
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.3 6.8#





#25

2-Butanone

Concen: 0.921 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN071921.D

Acq: 08 Apr 2022 17:56

Instrument :

MSVOA_N

ClientSampleId :

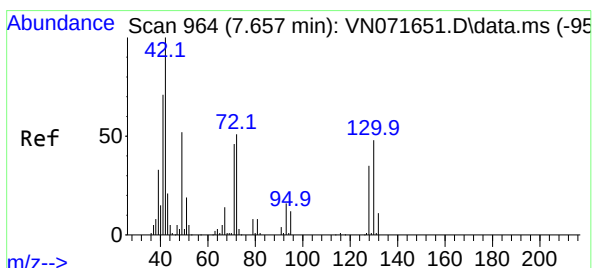
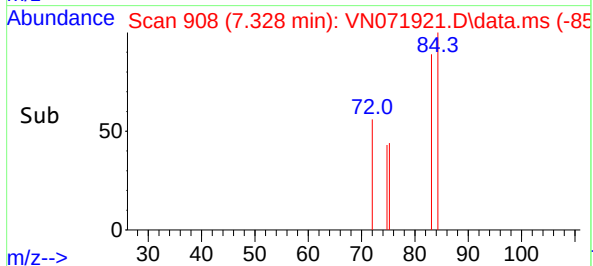
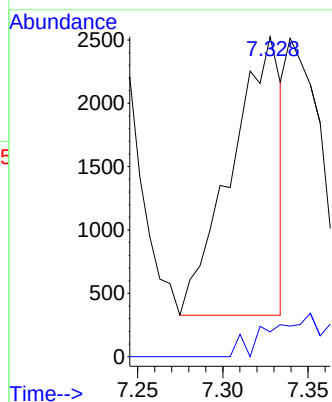
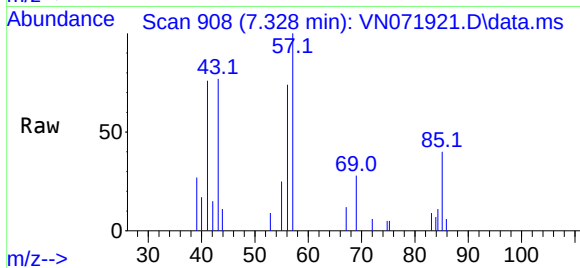
INF0422

Tgt Ion: 43 Resp: 4459

Ion Ratio Lower Upper

43 100

72 8.9 23.7 35.5#



#28

Bromochloromethane

Concen: 1.153 ug/l

RT: 7.839 min Scan# 995

Delta R.T. 0.182 min

Lab File: VN071921.D

Acq: 08 Apr 2022 17:56

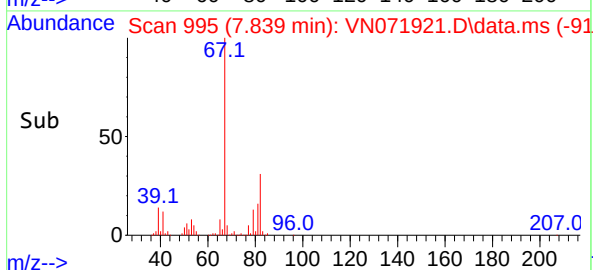
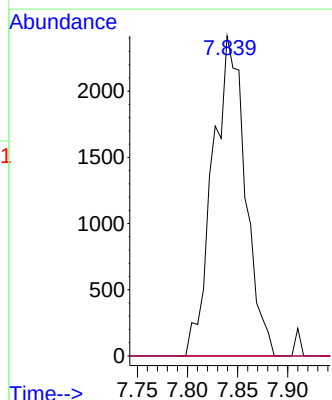
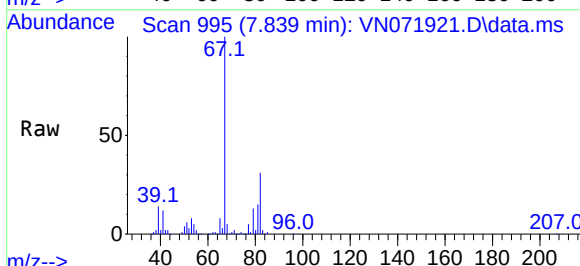
Tgt Ion: 49 Resp: 5483

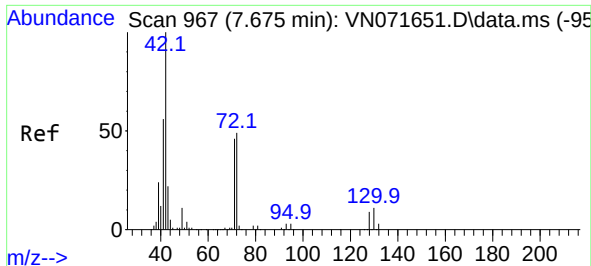
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 0.0 69.7 104.5#

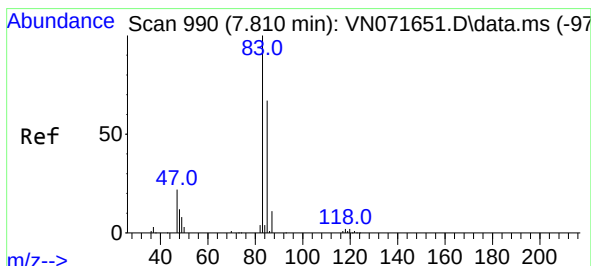
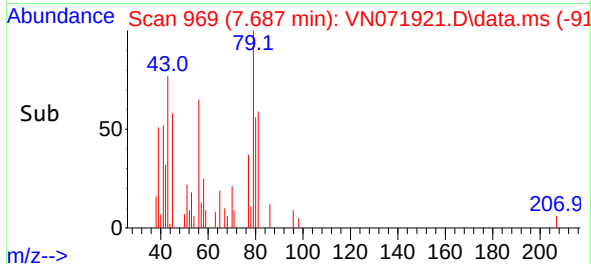
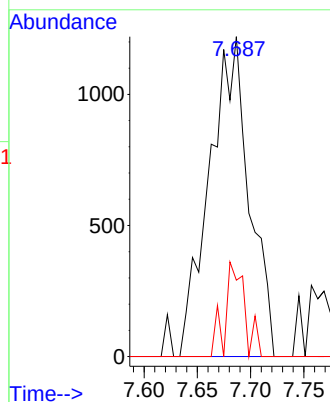
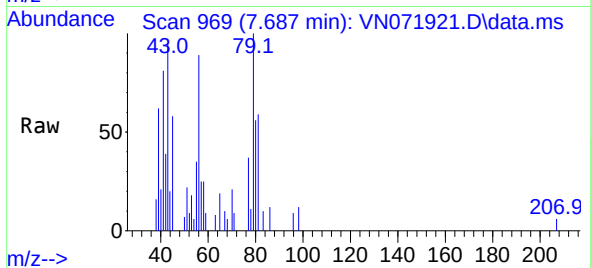




#29
Tetrahydrofuran
Concen: 1.015 ug/l
RT: 7.687 min Scan# 911
Delta R.T. 0.012 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

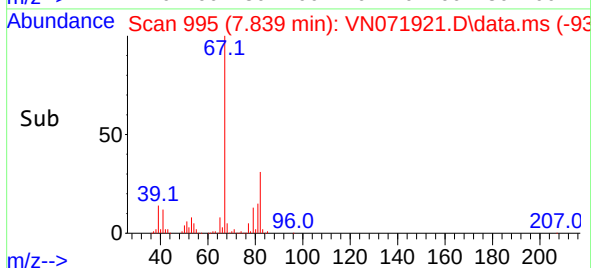
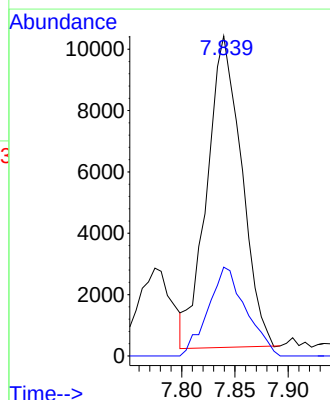
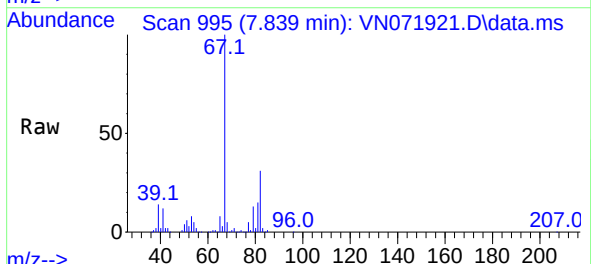
Instrument :
MSVOA_N
ClientSampleId :
INF0422

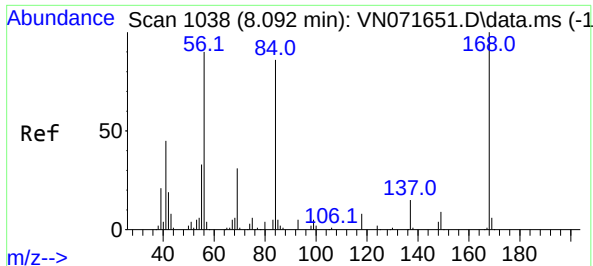
Tgt Ion:	42	Resp:	3181
Ion	Ratio	Lower	Upper
42	100		
72	0.0	39.7	59.5#
71	0.0	36.6	55.0#



#30
Chloroform
Concen: 1.848 ug/l
RT: 7.839 min Scan# 995
Delta R.T. 0.029 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

Tgt Ion:	83	Resp:	23006
Ion	Ratio	Lower	Upper
83	100		
85	28.6	51.8	77.8#

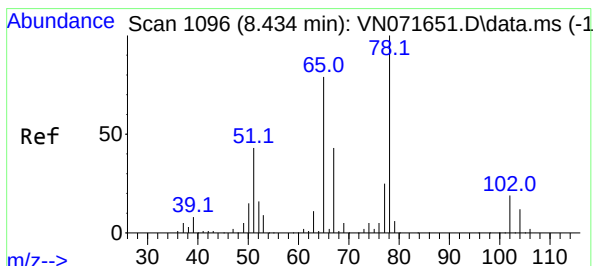
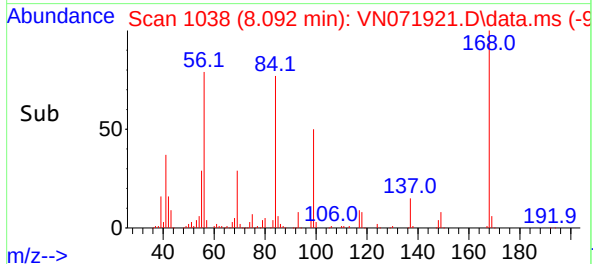
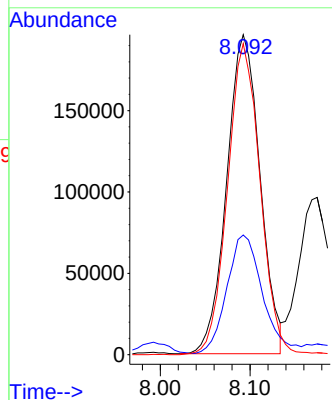
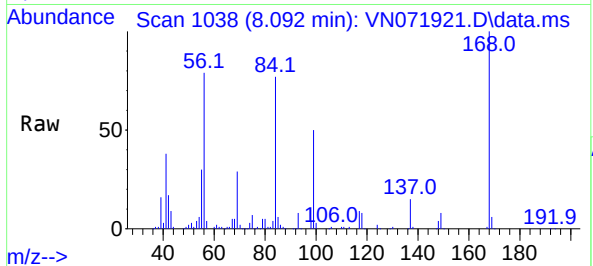




#31
Cyclohexane
Concen: 47.395 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

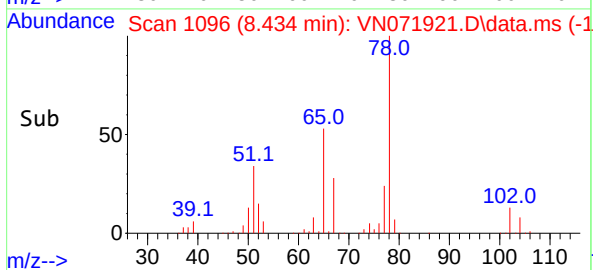
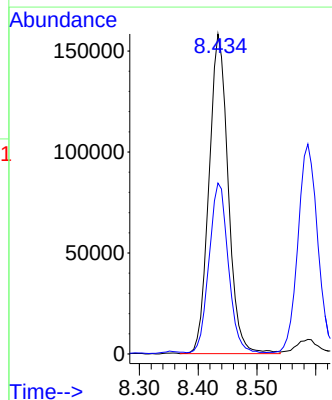
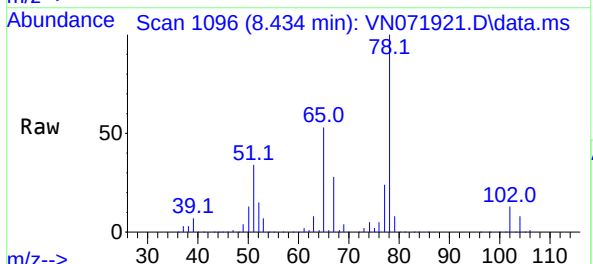
Instrument :
MSVOA_N
ClientSampleId :
INF0422

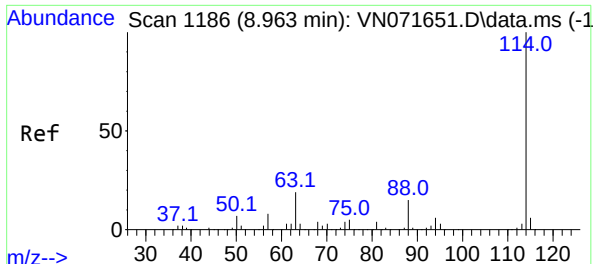
Tgt Ion: 56 Resp: 506569
Ion Ratio Lower Upper
56 100
69 36.7 27.8 41.8
84 97.5 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 45.631 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

Tgt Ion: 65 Resp: 358627
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.8

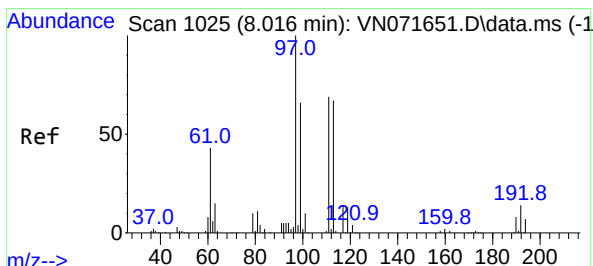
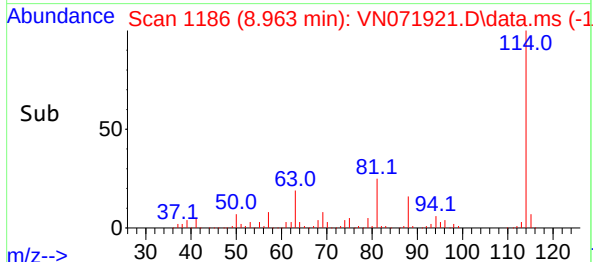
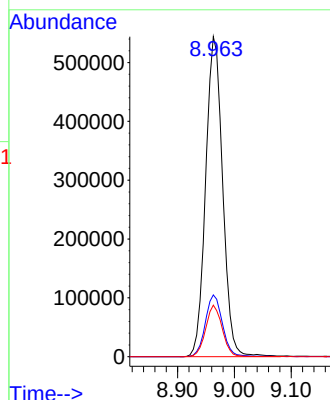
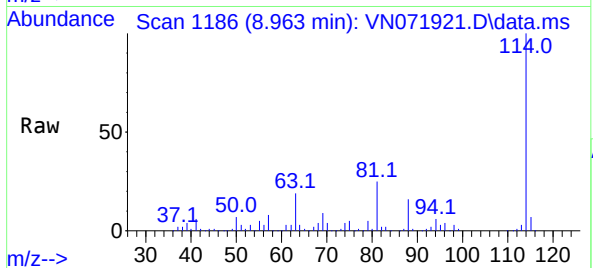




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

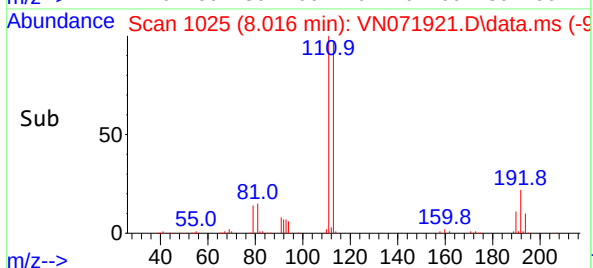
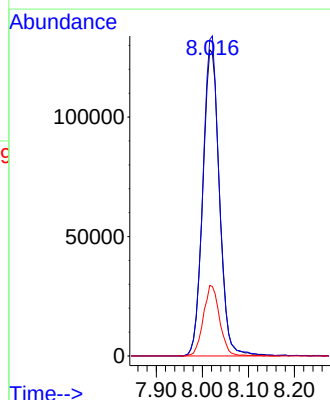
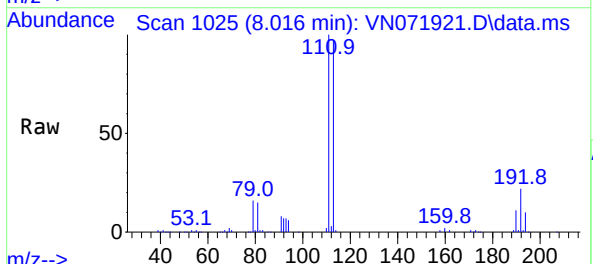
Instrument :
MSVOA_N
ClientSampleId :
INF0422

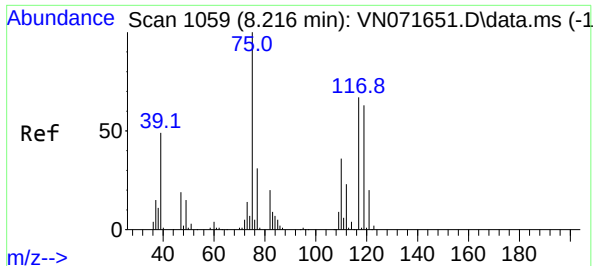
Tgt Ion:114 Resp: 1128807
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.0
88 16.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.773 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

Tgt Ion:113 Resp: 323969
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 22.4 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.842 ug/l

RT: 8.081 min Scan# 1

Delta R.T. -0.135 min

Lab File: VN071921.D

Acq: 08 Apr 2022 17:56

Instrument :

MSVOA_N

ClientSampleId :

INF0422

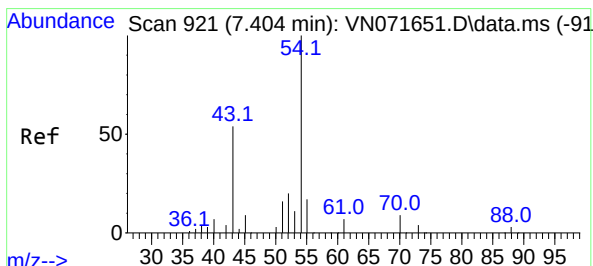
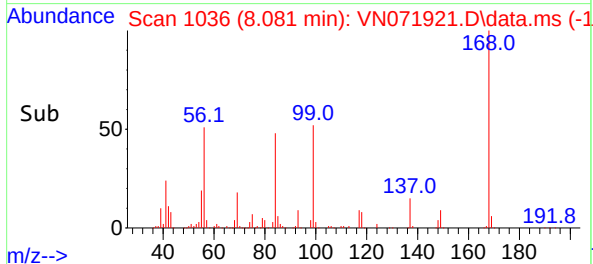
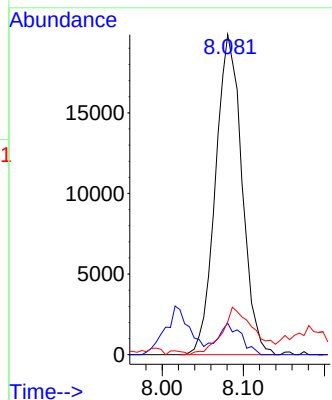
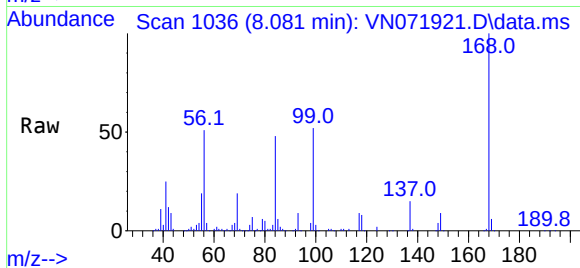
Tgt Ion: 75 Resp: 44915

Ion Ratio Lower Upper

75 100

110 7.8 18.3 54.8#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 0.439 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.076 min

Lab File: VN071921.D

Acq: 08 Apr 2022 17:56

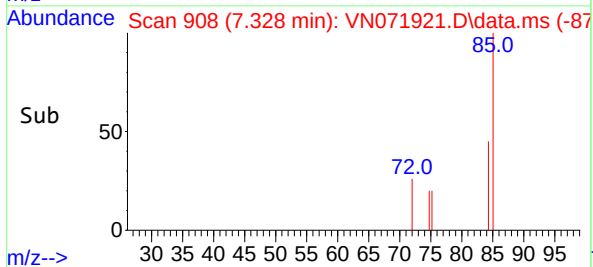
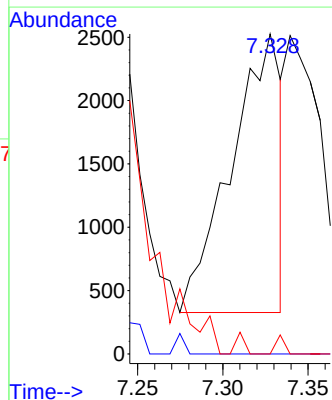
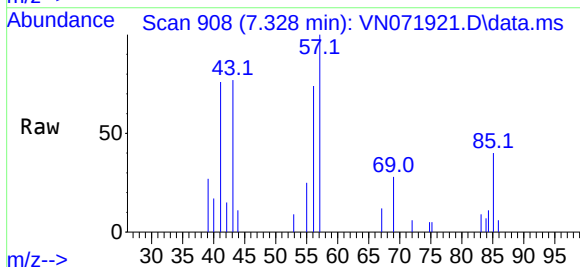
Tgt Ion: 43 Resp: 4459

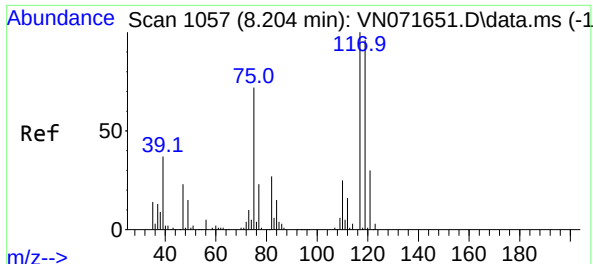
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

70 0.0 9.3 13.9#

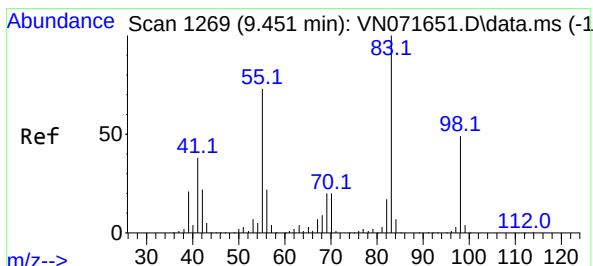
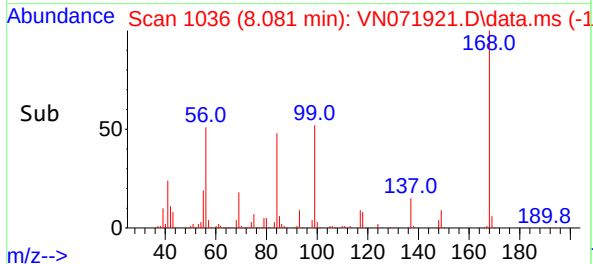
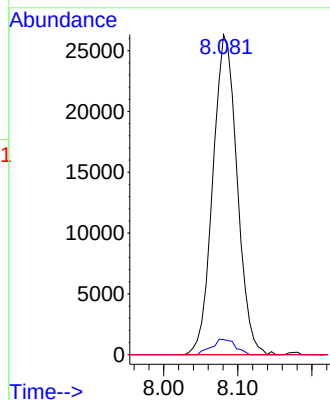
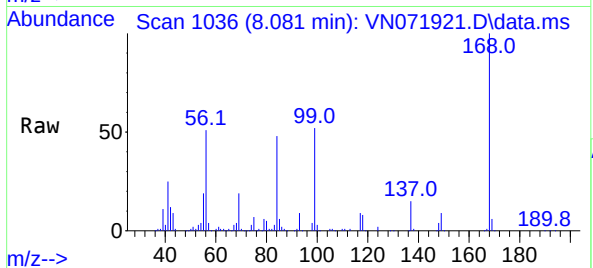




#38
Carbon Tetrachloride
Concen: 6.591 ug/l
RT: 8.081 min Scan# 1057
Delta R.T. -0.123 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

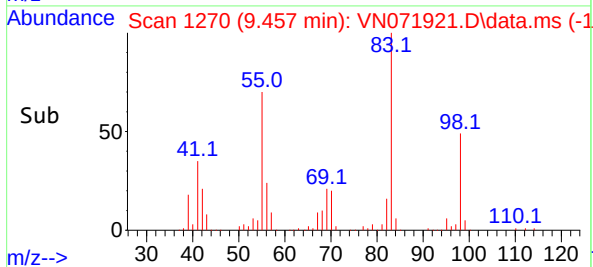
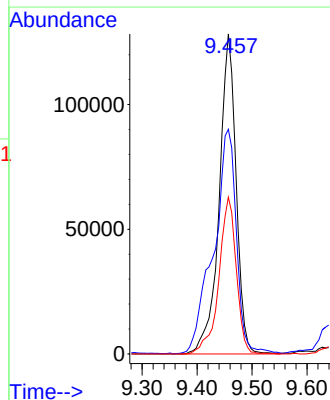
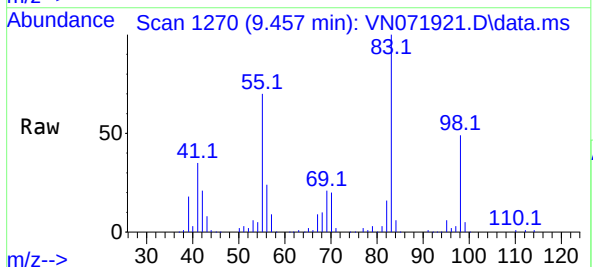
Instrument :
MSVOA_N
ClientSampleId :
INF0422

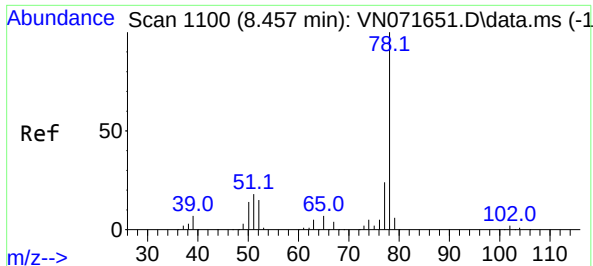
Tgt Ion:117 Resp: 59917
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 24.896 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

Tgt Ion: 83 Resp: 274894
Ion Ratio Lower Upper
83 100
55 70.0 57.8 86.8
98 49.0 39.4 59.2

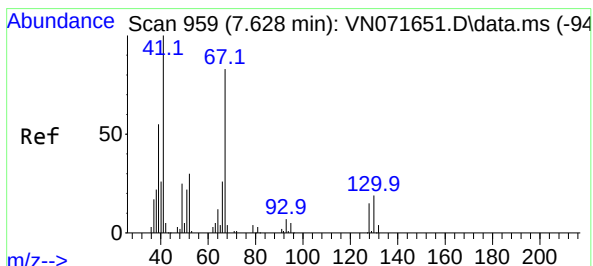
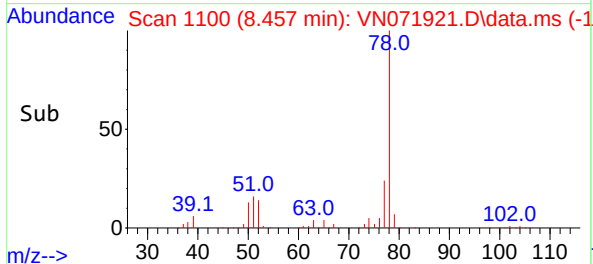
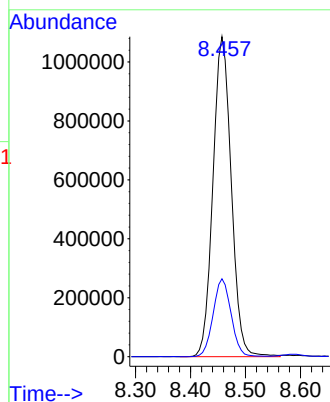
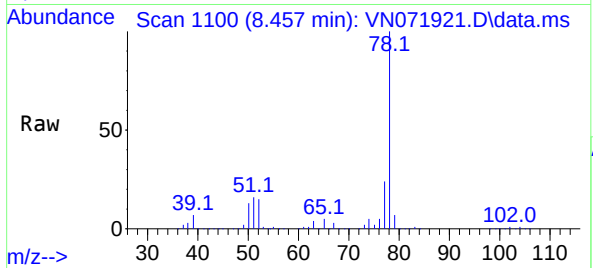




#40
Benzene
Concen: 85.737 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

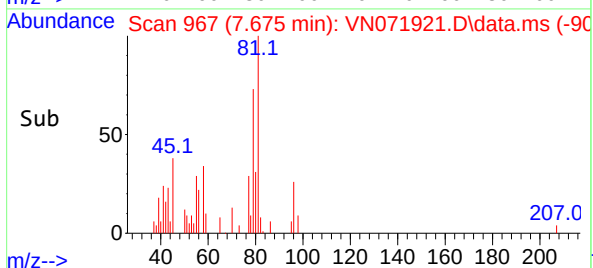
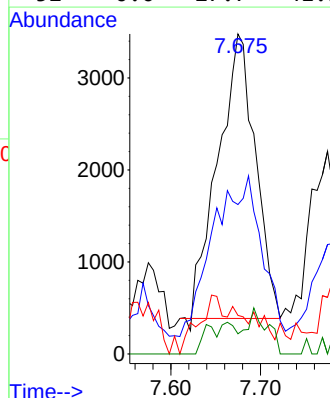
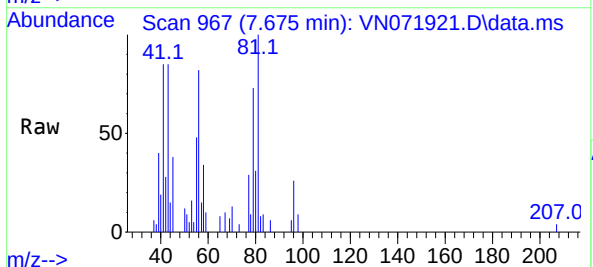
Instrument :
MSVOA_N
ClientSampleId :
INF0422

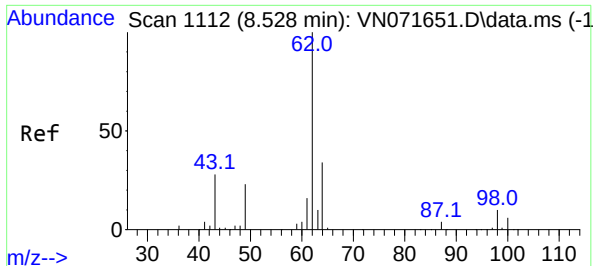
Tgt Ion: 78 Resp: 2512260
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0



#41
Methacrylonitrile
Concen: 1.802 ug/l
RT: 7.675 min Scan# 967
Delta R.T. 0.047 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

Tgt Ion: 41 Resp: 8956
Ion Ratio Lower Upper
41 100
39 72.7 48.6 73.0
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#





#42

1,2-Dichloroethane

Concen: 0.738 ug/l

RT: 8.528 min Scan# 1112

Delta R.T. -0.000 min

Lab File: VN071921.D

Acq: 08 Apr 2022 17:56

Instrument :

MSVOA_N

ClientSampleId :

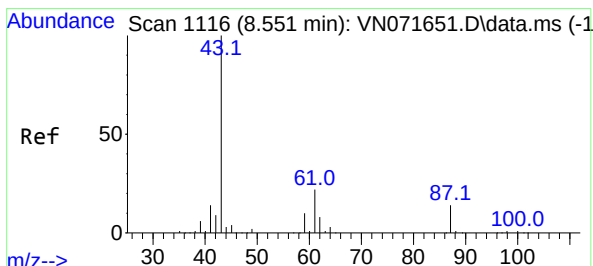
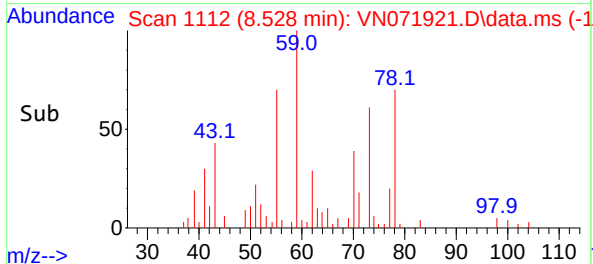
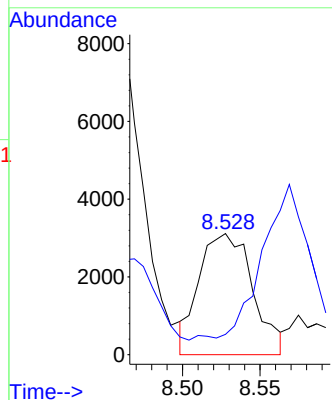
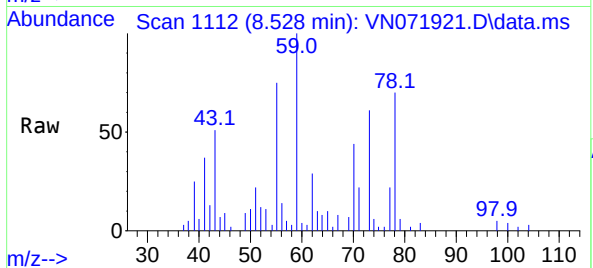
INF0422

Tgt Ion: 62 Resp: 7482

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.4



#43

Isopropyl Acetate

Concen: 2.032 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.006 min

Lab File: VN071921.D

Acq: 08 Apr 2022 17:56

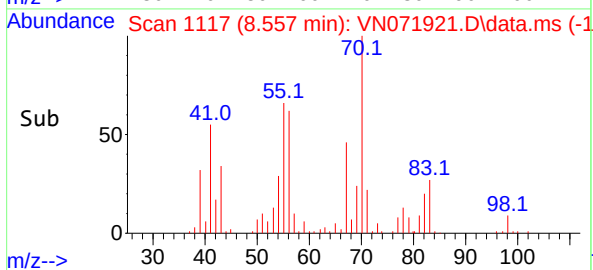
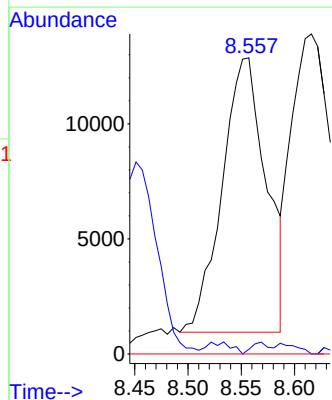
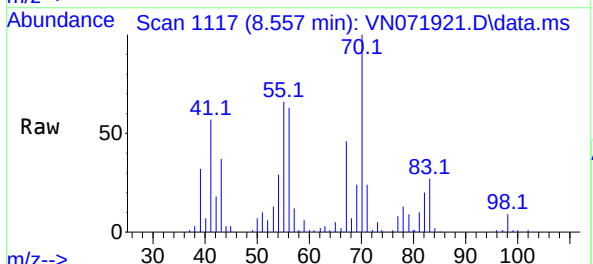
Tgt Ion: 43 Resp: 34307

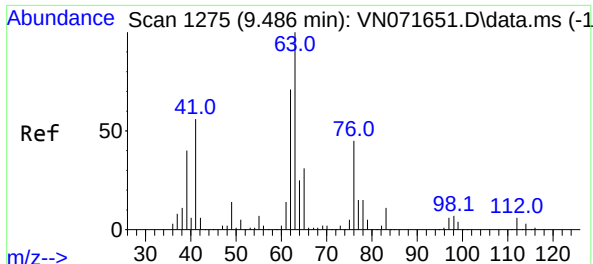
Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#





#45

1,2-Dichloropropane

Concen: 0.661 ug/l

RT: 9.457 min Scan# 1299

Delta R.T. -0.029 min

Lab File: VN071921.D

Acq: 08 Apr 2022 17:56

Instrument :

MSVOA_N

ClientSampleId :

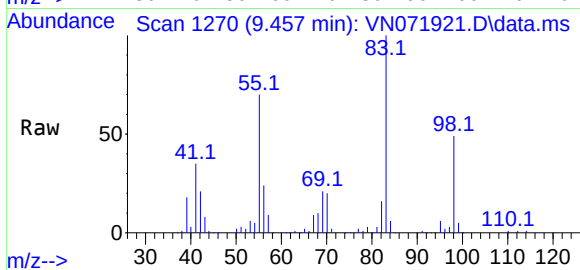
INF0422

Tgt Ion: 63 Resp: 4840

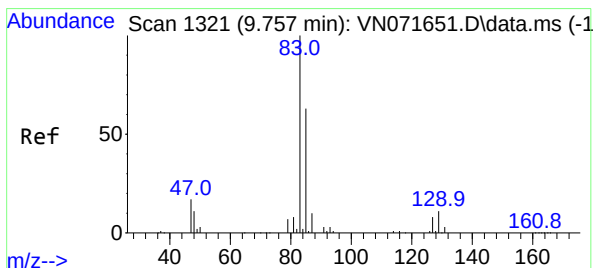
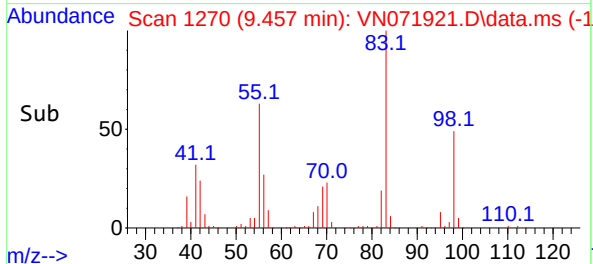
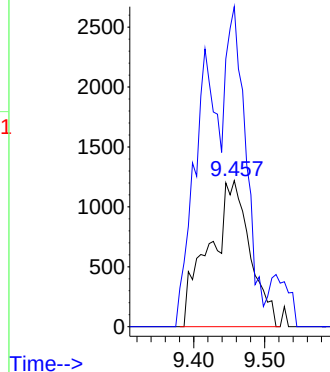
Ion Ratio Lower Upper

63 100

65 192.5 24.9 37.3#



Abundance



#47

Bromodichloromethane

Concen: 0.601 ug/l

RT: 9.628 min Scan# 1299

Delta R.T. -0.129 min

Lab File: VN071921.D

Acq: 08 Apr 2022 17:56

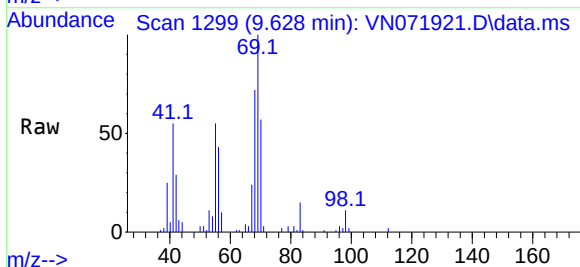
Tgt Ion: 83 Resp: 5883

Ion Ratio Lower Upper

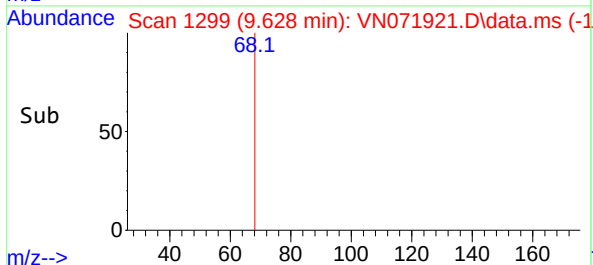
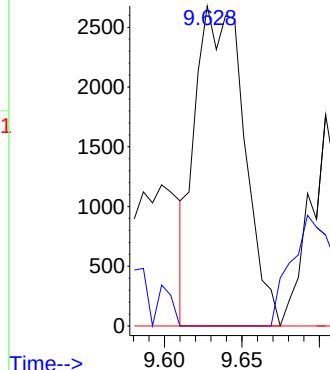
83 100

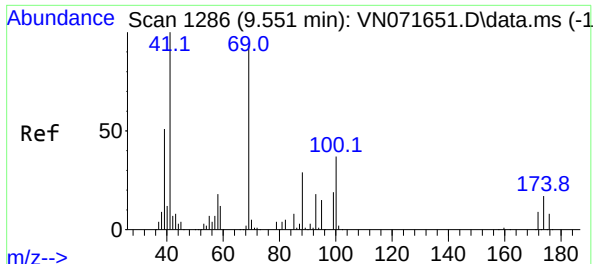
85 0.0 50.5 75.7#

127 0.0 6.8 10.2#



Abundance





#48

Methyl methacrylate

Concen: 3.293 ug/l

RT: 9.639 min Scan# 11

Delta R.T. 0.088 min

Lab File: VN071921.D

Acq: 08 Apr 2022 17:56

Instrument :

MSVOA_N

ClientSampleId :

INF0422

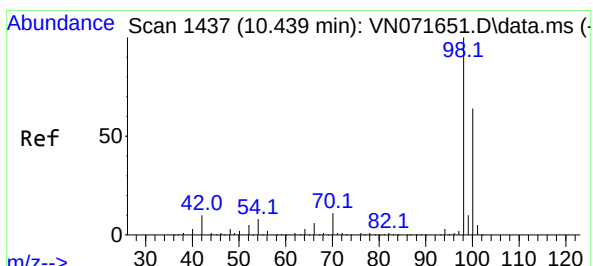
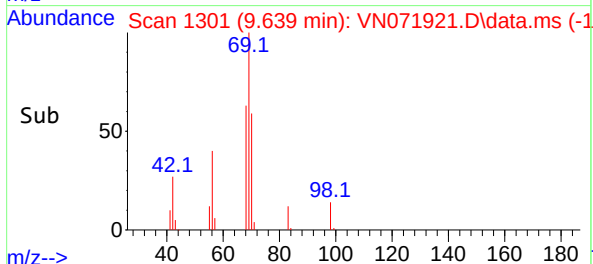
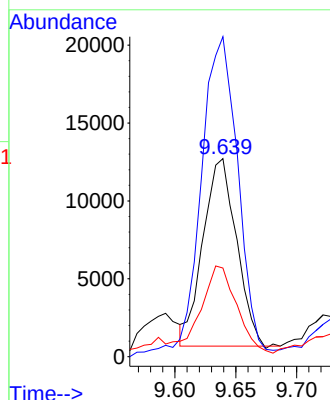
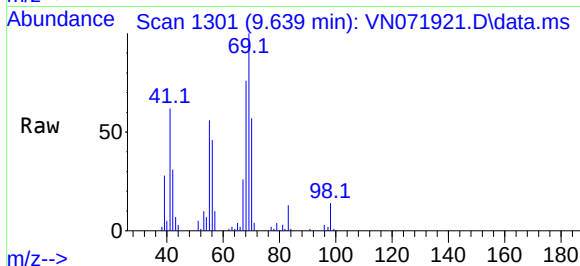
Tgt Ion: 41 Resp: 23068

Ion Ratio Lower Upper

41 100

69 189.7 74.7 112.1#

39 50.6 45.6 68.4



#50

Toluene-d8

Concen: 53.626 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN071921.D

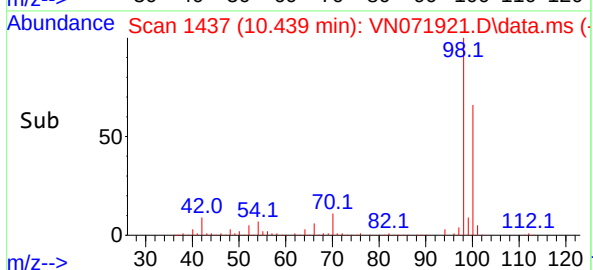
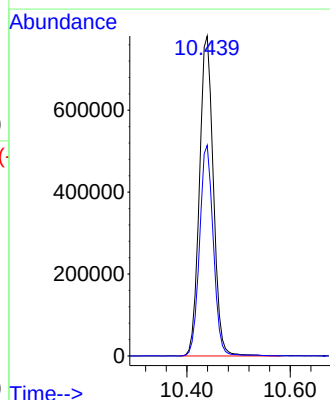
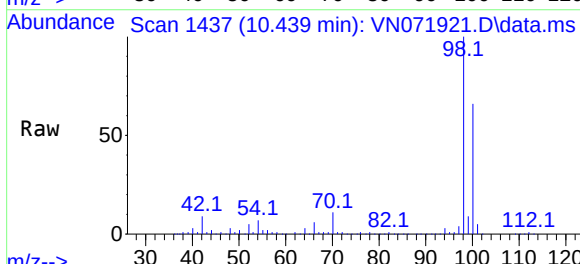
Acq: 08 Apr 2022 17:56

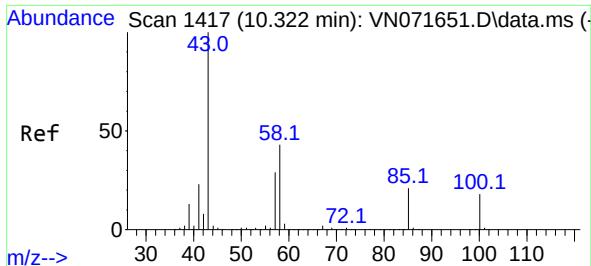
Tgt Ion: 98 Resp: 1457160

Ion Ratio Lower Upper

98 100

100 65.0 52.6 78.8

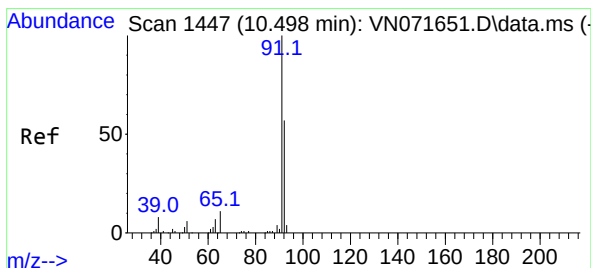
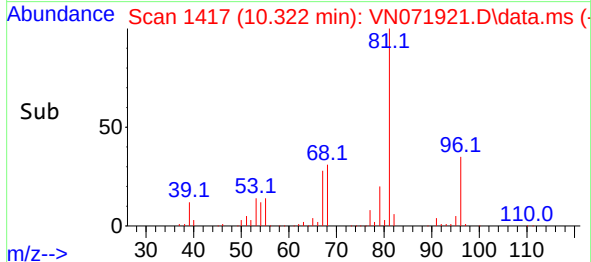
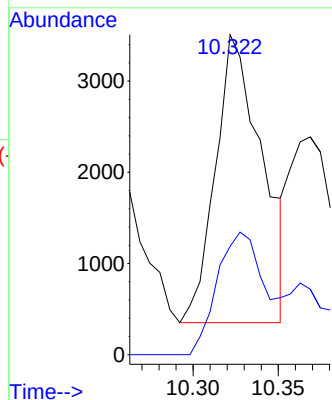
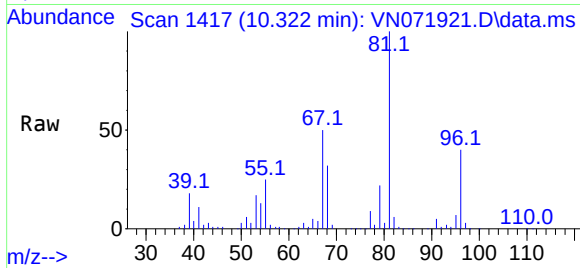




#51
4-Methyl-2-Pentanone
Concen: 0.617 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

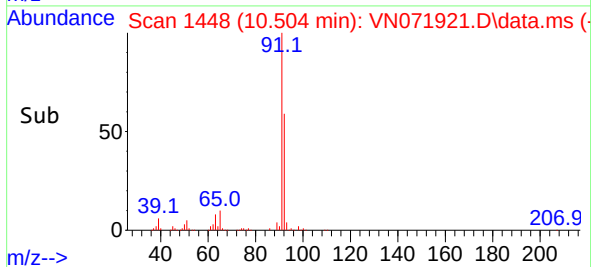
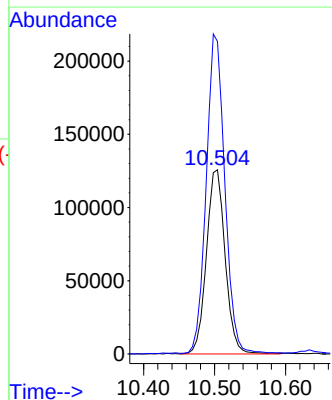
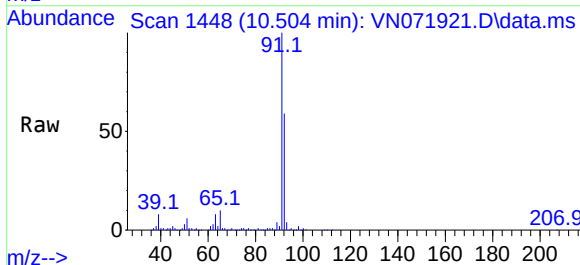
Instrument :
MSVOA_N
ClientSampleId :
INF0422

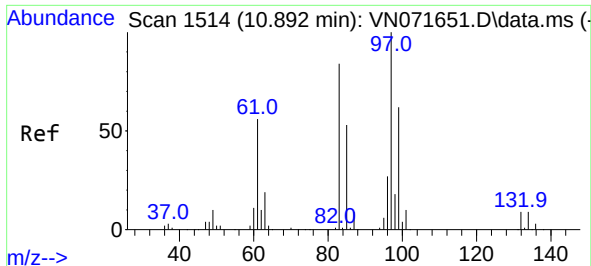
Tgt Ion: 43 Resp: 5989
Ion Ratio Lower Upper
43 100
58 44.4 34.1 51.1



#52
Toluene
Concen: 12.482 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

Tgt Ion: 92 Resp: 231203
Ion Ratio Lower Upper
92 100
91 171.0 138.6 207.8

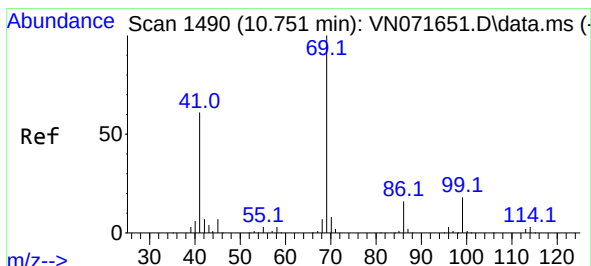
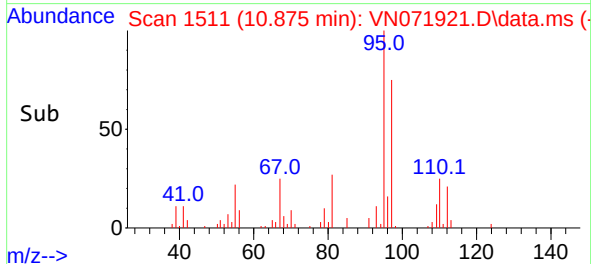
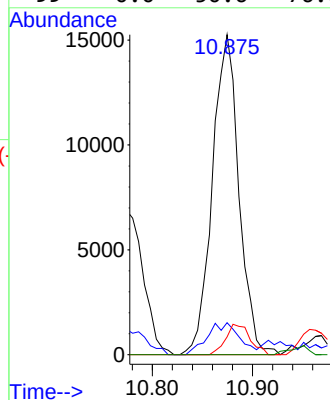
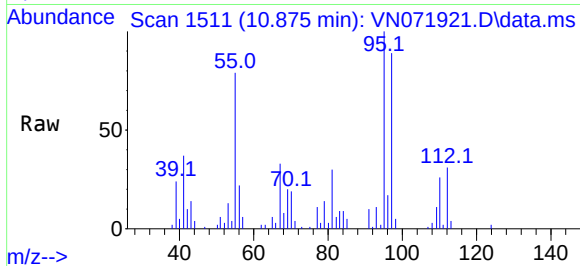




#55
1,1,2-Trichloroethane
Concen: 3.687 ug/l
RT: 10.875 min Scan# 11
Delta R.T. -0.017 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

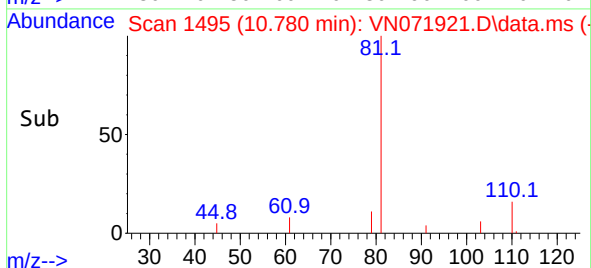
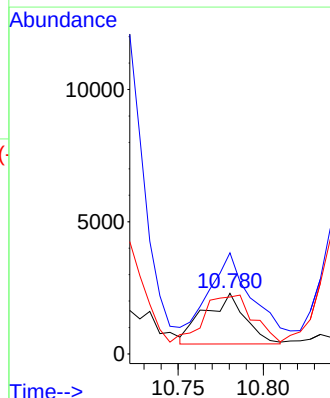
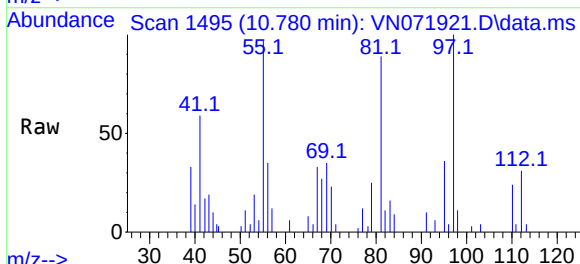
Instrument :
MSVOA_N
ClientSampleId :
INF0422

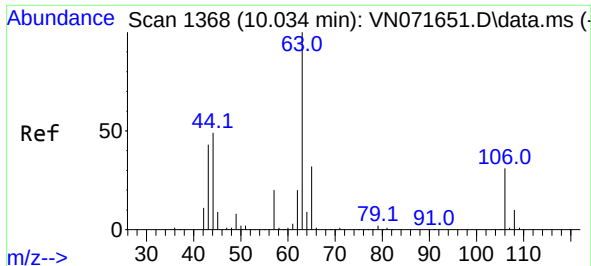
Tgt Ion: 97	Resp: 28106
Ion Ratio	Lower Upper
97 100	
83 10.0	66.2 99.4#
85 5.5	43.9 65.9#
99 0.0	50.6 76.0#



#56
Ethyl methacrylate
Concen: 0.292 ug/l
RT: 10.780 min Scan# 1495
Delta R.T. 0.029 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

Tgt Ion: 69	Resp: 3171		
Ion Ratio	Lower	Upper	
69 100			
41 142.9	47.8	71.6#	
39 110.3	27.3	40.9#	

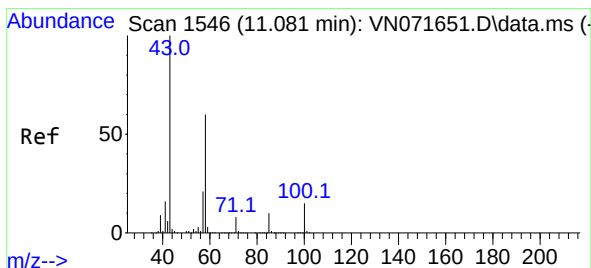
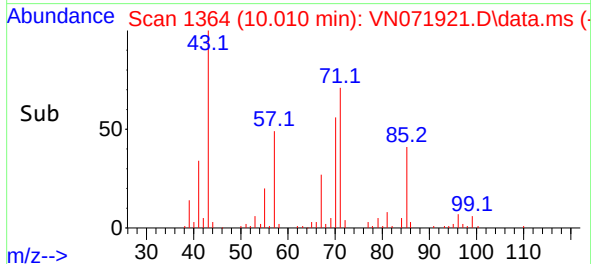
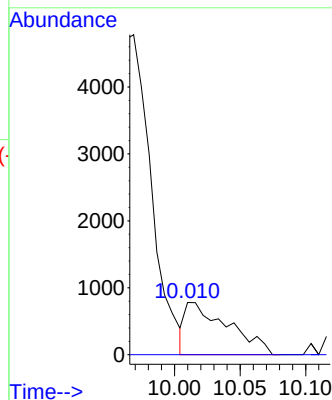
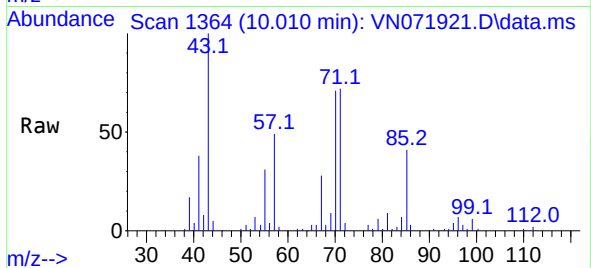




#58
2-Chloroethyl Vinyl ether
Concen: 17.461 ug/l
RT: 10.010 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

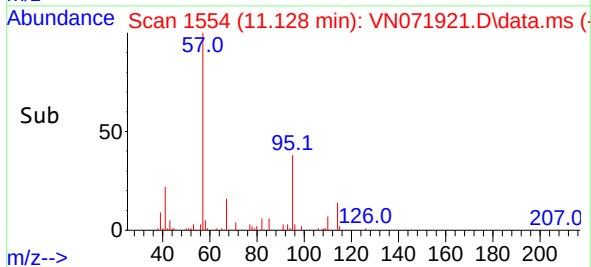
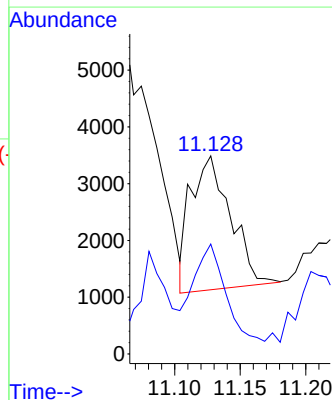
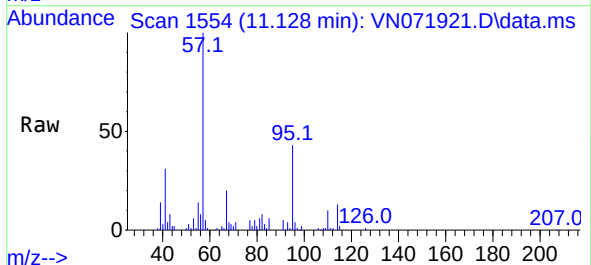
Instrument :
MSVOA_N
ClientSampleId :
INF0422

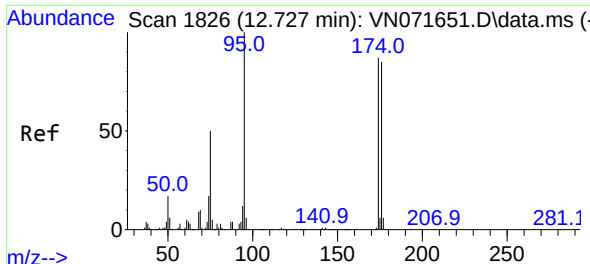
Tgt Ion: 63 Resp: 1776
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#59
2-Hexanone
Concen: 0.730 ug/l
RT: 11.128 min Scan# 1554
Delta R.T. 0.046 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

Tgt Ion: 43 Resp: 4993
Ion Ratio Lower Upper
43 100
58 74.0 29.7 89.1

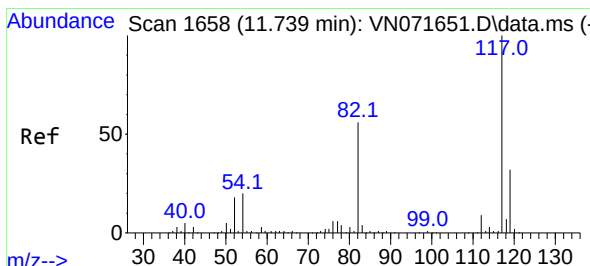
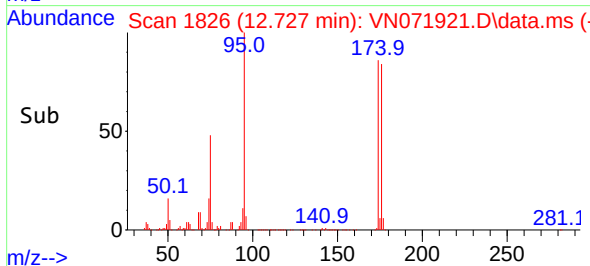
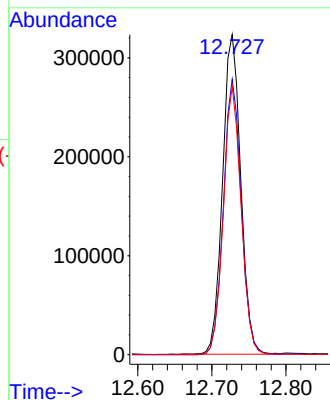
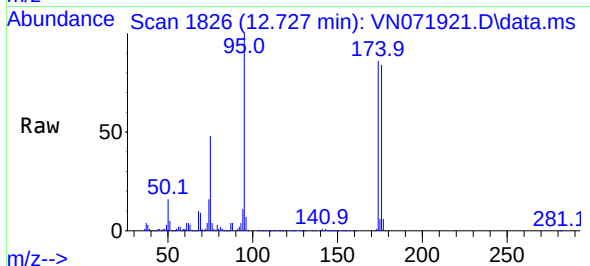




#62
4-Bromofluorobenzene
Concen: 62.578 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

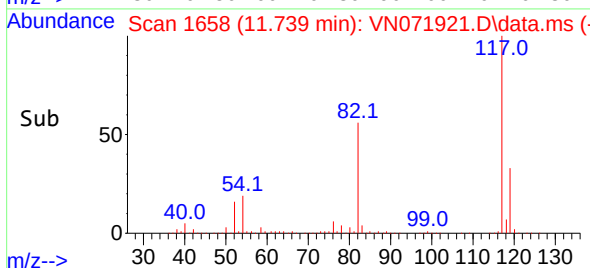
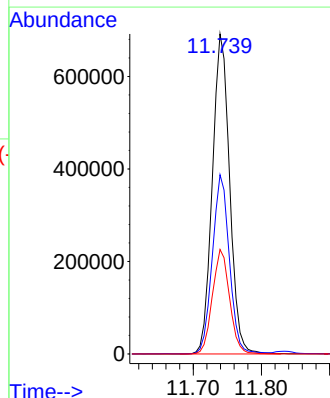
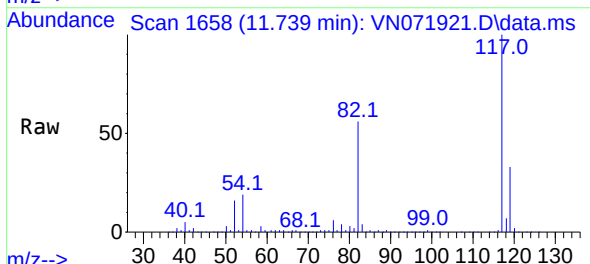
Instrument :
MSVOA_N
ClientSampleId :
INF0422

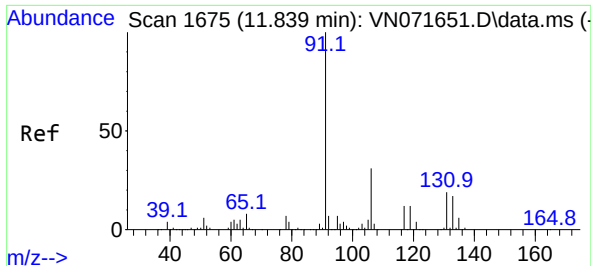
Tgt Ion: 95 Resp: 549936
Ion Ratio Lower Upper
95 100
174 84.9 0.0 167.6
176 82.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

Tgt Ion: 117 Resp: 1221191
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.2
119 32.6 25.4 38.0

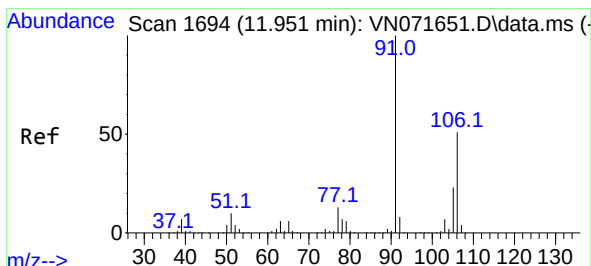
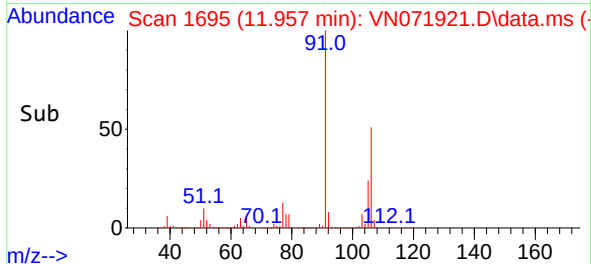
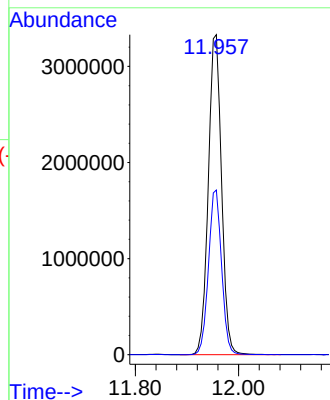
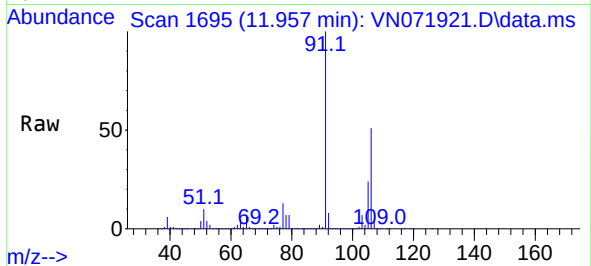




#67
Ethyl Benzene
Concen: 142.786 ug/l
RT: 11.957 min Scan# 1695
Delta R.T. 0.118 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

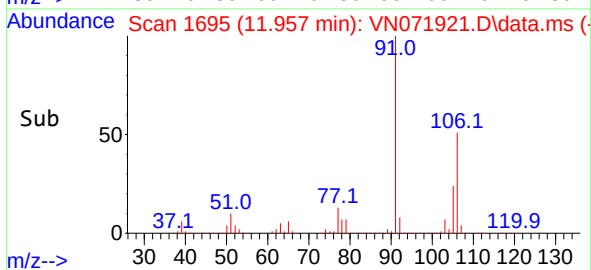
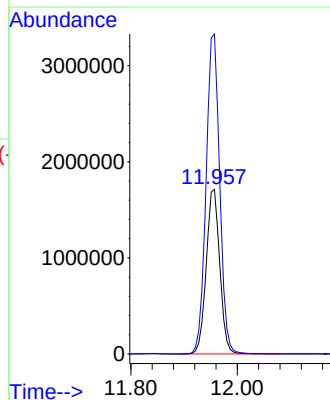
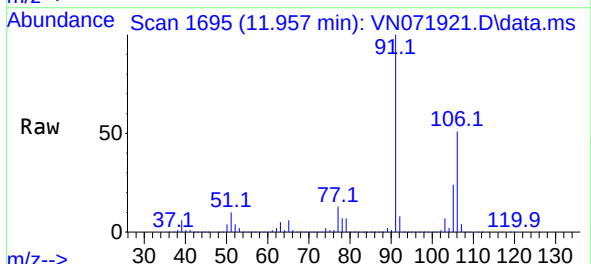
Instrument :
MSVOA_N
ClientSampleId :
INF0422

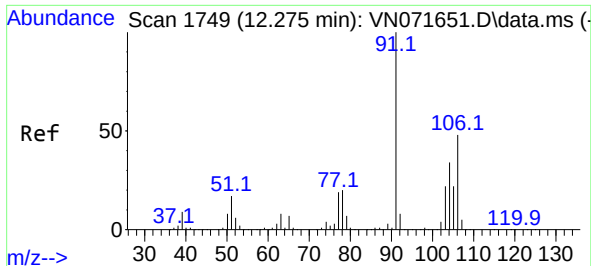
Tgt Ion: 91 Resp: 5910608
Ion Ratio Lower Upper
91 100
106 51.5 24.9 37.3#



#68
m/p-Xylenes
Concen: 189.433 ug/l
RT: 11.957 min Scan# 1695
Delta R.T. 0.006 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

Tgt Ion: 106 Resp: 3012920
Ion Ratio Lower Upper
106 100
91 196.2 158.9 238.3





#69

o-Xylene

Concen: 55.887 ug/l

RT: 12.274 min Scan# 1749

Delta R.T. -0.001 min

Lab File: VN071921.D

Acq: 08 Apr 2022 17:56

Instrument :

MSVOA_N

ClientSampleId :

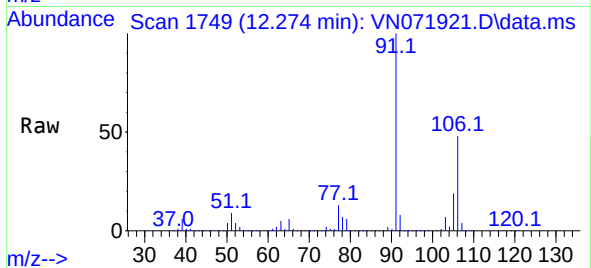
INF0422

Tgt Ion:106 Resp: 882278

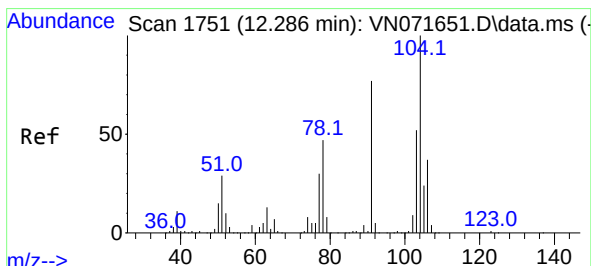
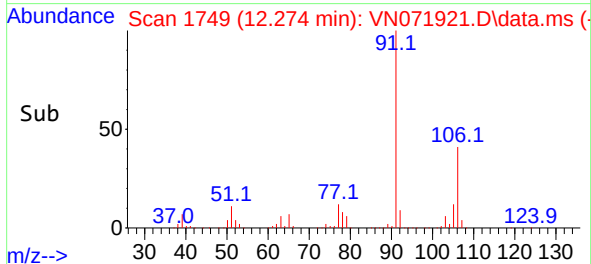
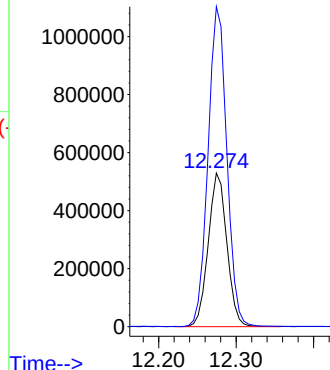
Ion Ratio Lower Upper

106 100

91 209.9 106.0 318.0



Abundance



#70

Styrene

Concen: 1.764 ug/l

RT: 12.274 min Scan# 1749

Delta R.T. -0.012 min

Lab File: VN071921.D

Acq: 08 Apr 2022 17:56

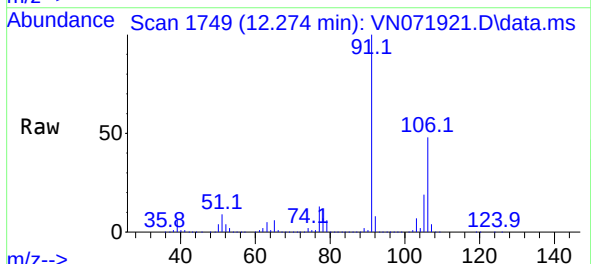
Tgt Ion:104 Resp: 42191

Ion Ratio Lower Upper

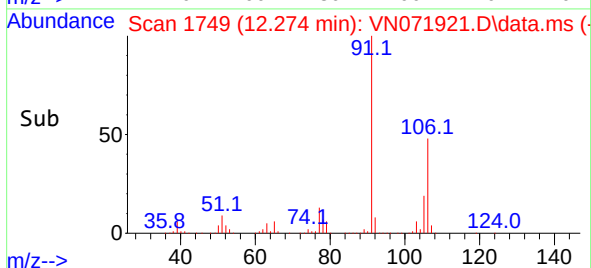
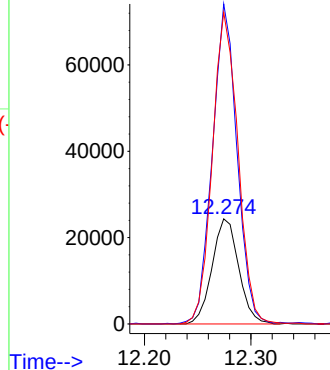
104 100

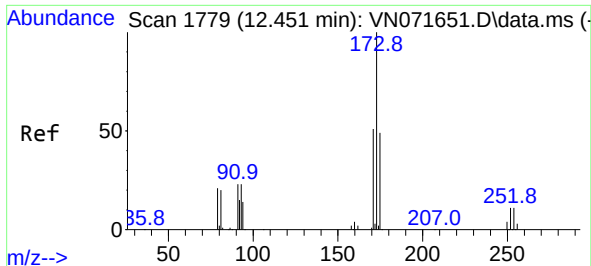
78 282.5 39.5 59.3#

103 284.8 44.0 66.0#



Abundance

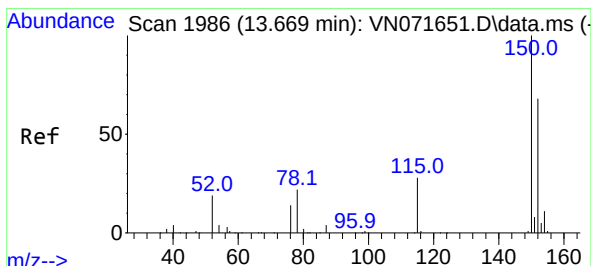
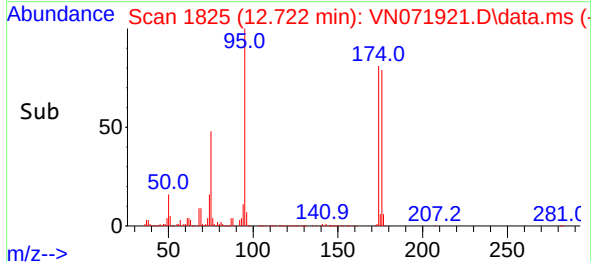
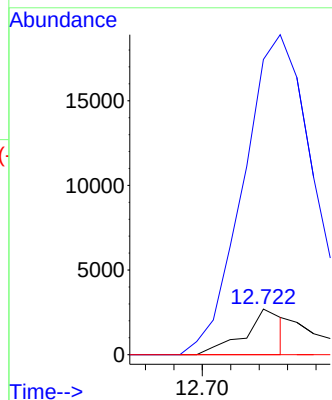
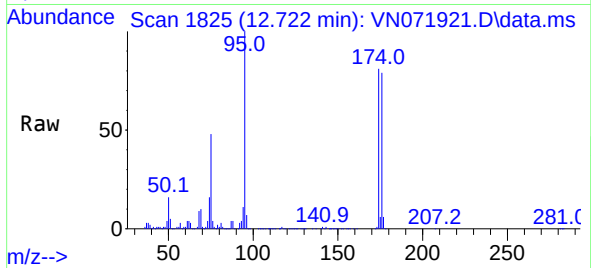




#71
Bromoform
Concen: 0.379 ug/l
RT: 12.722 min Scan# 1825
Delta R.T. 0.271 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

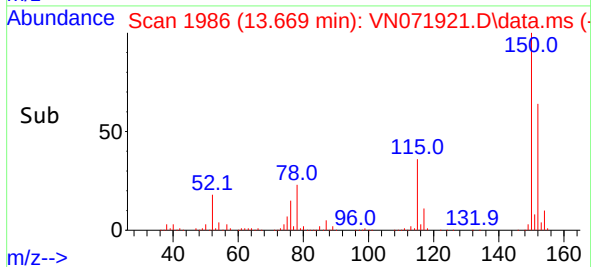
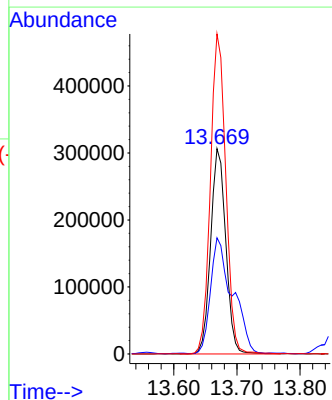
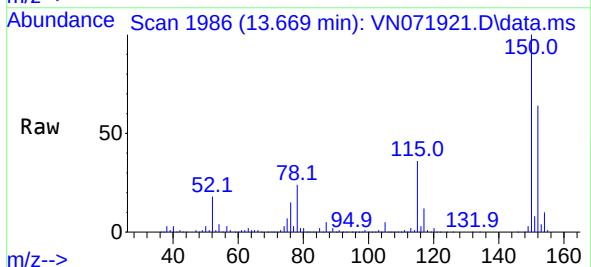
Instrument :
MSVOA_N
ClientSampleId :
INF0422

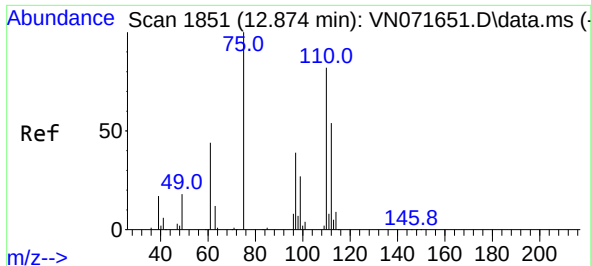
Tgt Ion:173 Resp: 2549
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

Tgt Ion:152 Resp: 510493
Ion Ratio Lower Upper
152 100
115 81.2 28.9 86.7
150 158.0 0.0 356.2

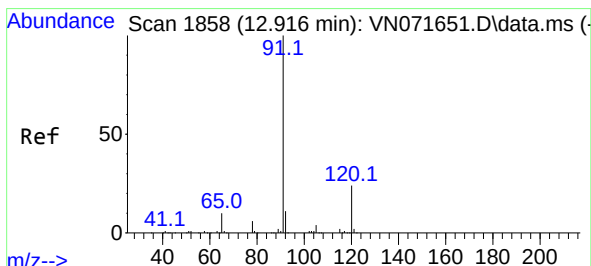
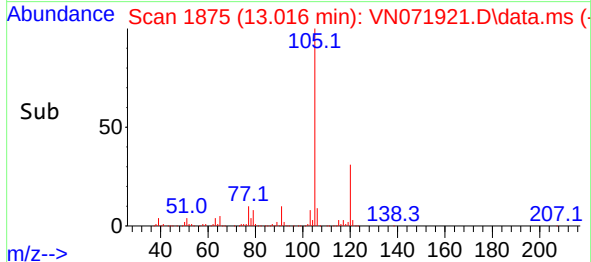
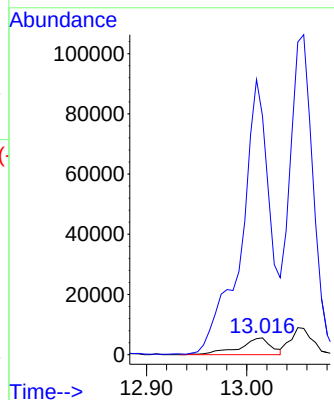
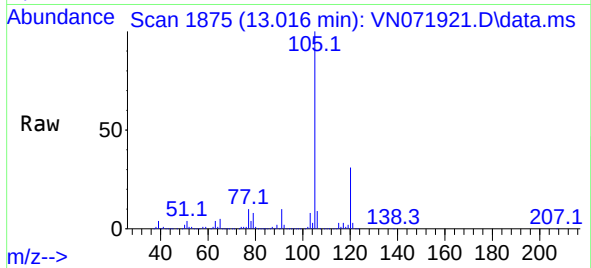




#76
1,2,3-Trichloropropane
Concen: 1.033 ug/l
RT: 13.016 min Scan# 1875
Delta R.T. 0.142 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

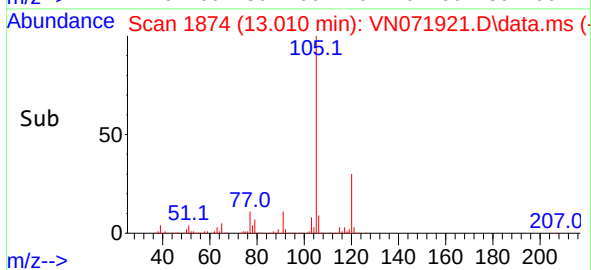
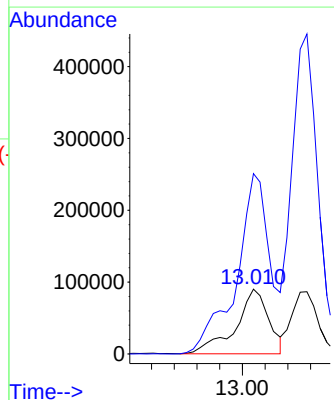
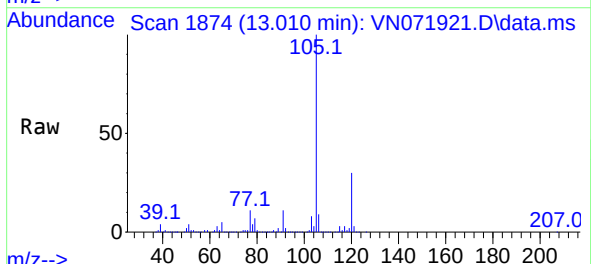
Instrument :
MSVOA_N
ClientSampleId :
INF0422

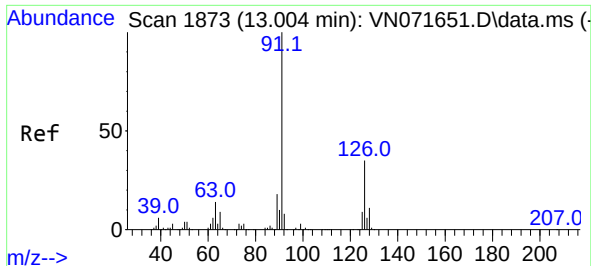
Tgt Ion: 75 Resp: 12221
Ion Ratio Lower Upper
75 100
77 1479.9 98.5 295.5#



#78
n-propylbenzene
Concen: 4.009 ug/l
RT: 13.010 min Scan# 1874
Delta R.T. 0.094 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

Tgt Ion: 91 Resp: 181410
Ion Ratio Lower Upper
91 100
120 284.8 11.9 35.5#

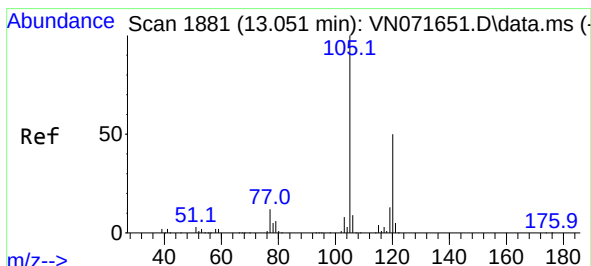
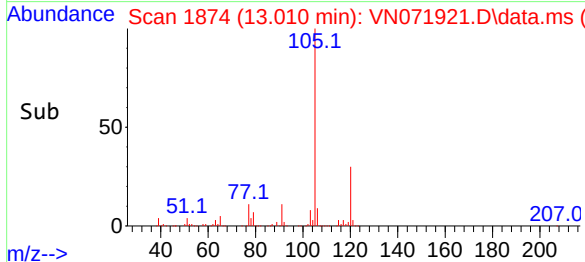
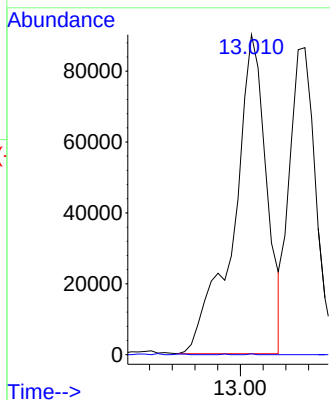
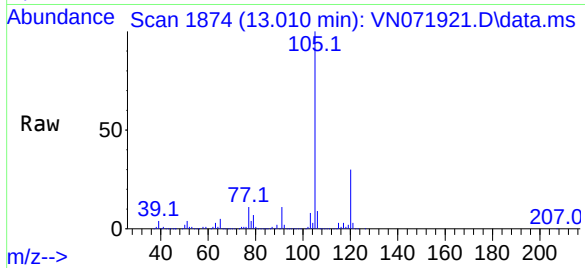




#79
2-Chlorotoluene
Concen: 6.251 ug/l
RT: 13.010 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

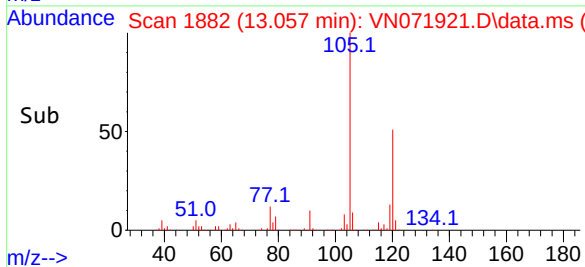
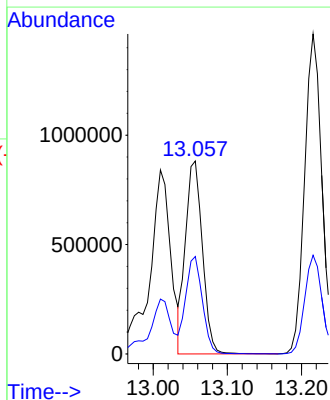
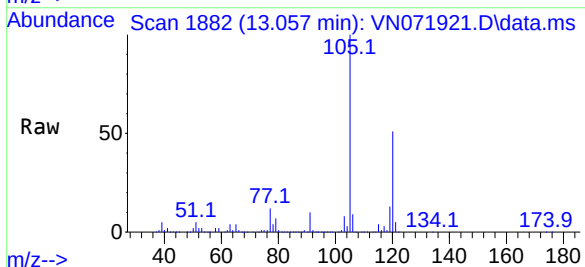
Instrument :
MSVOA_N
ClientSampleId :
INF0422

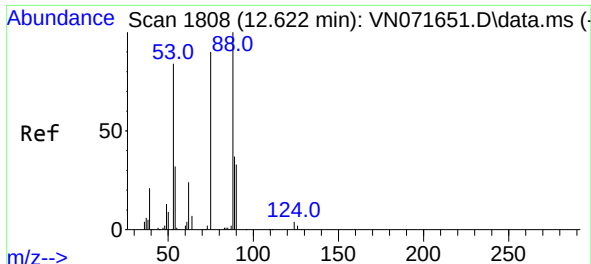
Tgt Ion: 91 Resp: 181410
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#



#80
1,3,5-Trimethylbenzene
Concen: 41.231 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

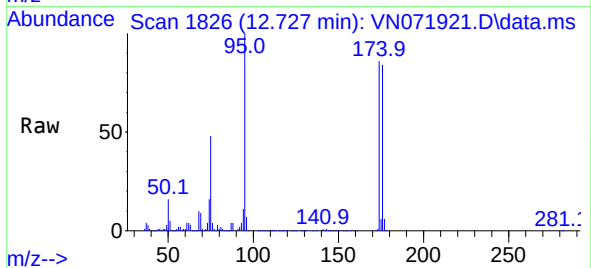
Tgt Ion:105 Resp: 1405298
Ion Ratio Lower Upper
105 100
120 49.8 24.9 74.7



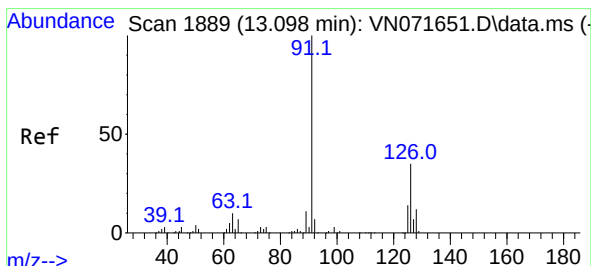
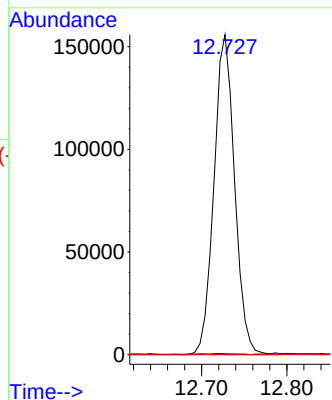
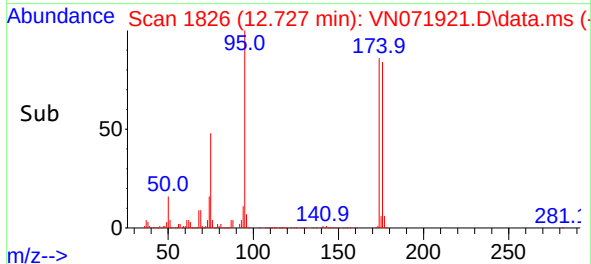


#81
trans-1,4-Dichloro-2-butene
Concen: 68.684 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

Instrument :
MSVOA_N
ClientSampleId :
INF0422

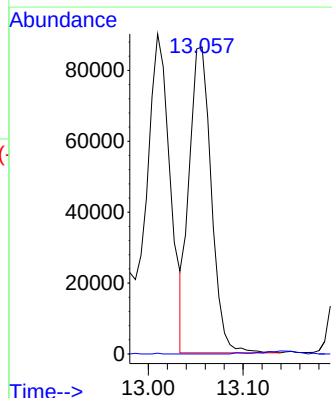
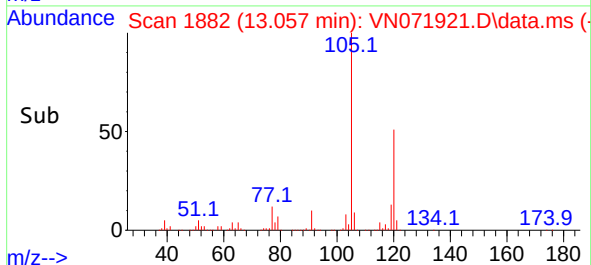
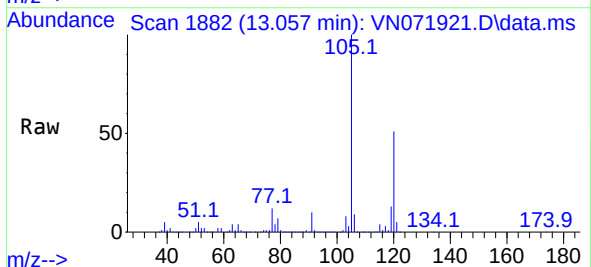


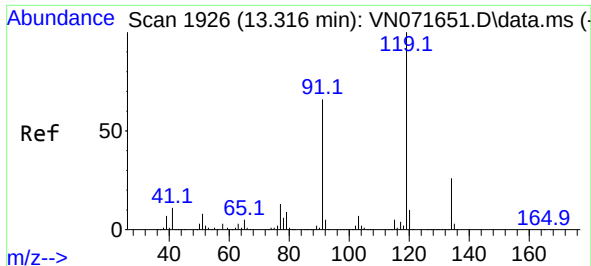
Tgt Ion: 75 Resp: 262104
Ion Ratio Lower Upper
75 100
53 0.4 78.0 117.0#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 5.192 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.041 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

Tgt Ion: 91 Resp: 139674
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#

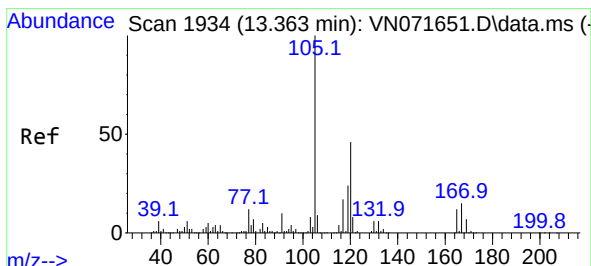
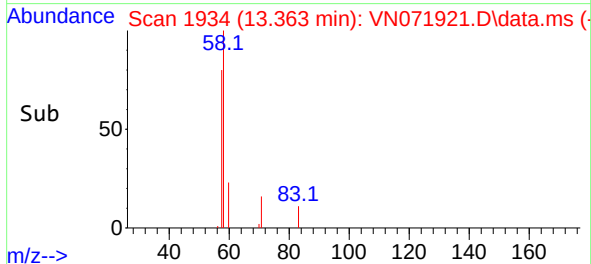
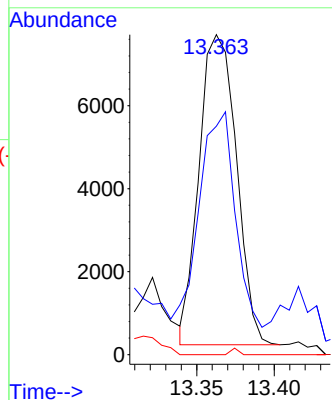
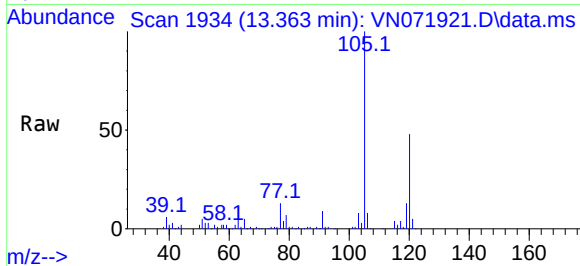




#83
tert-Butylbenzene
Concen: 0.402 ug/l
RT: 13.363 min Scan# 1926
Delta R.T. 0.047 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

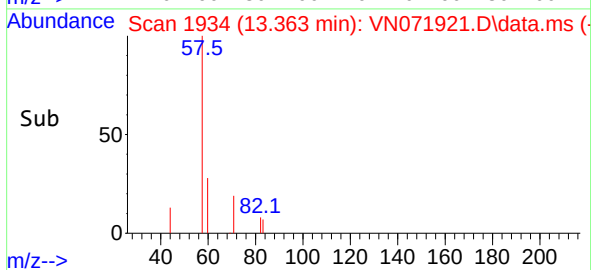
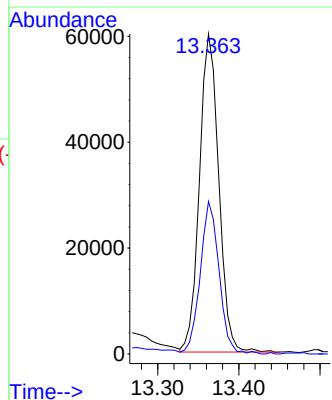
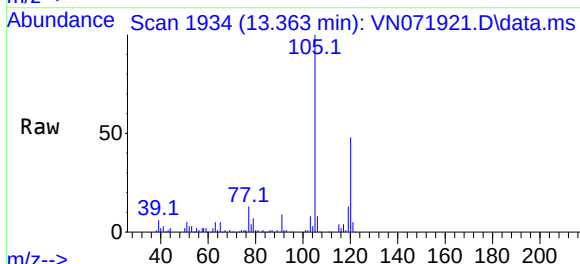
Instrument :
MSVOA_N
ClientSampleId :
INF0422

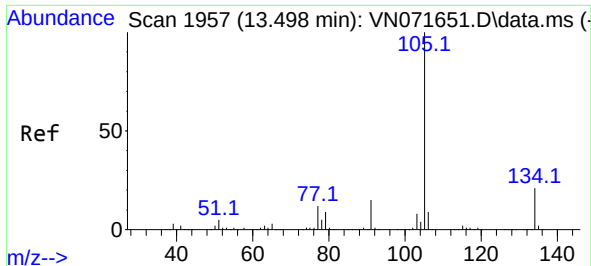
Tgt Ion:119 Resp: 12517
Ion Ratio Lower Upper
119 100
91 65.9 31.6 94.8
134 0.0 13.7 41.1#



#84
1,2,4-Trimethylbenzene
Concen: 2.992 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

Tgt Ion:105 Resp: 99488
Ion Ratio Lower Upper
105 100
120 46.8 23.3 69.8

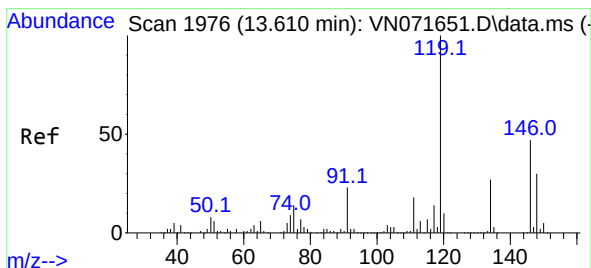
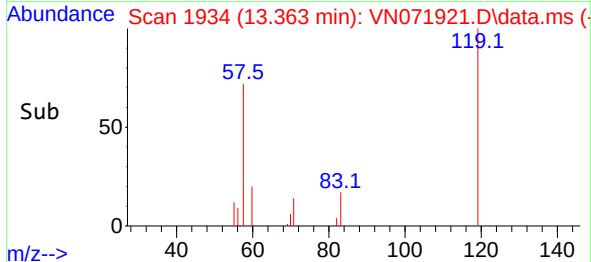
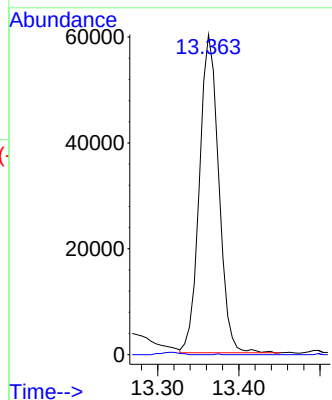
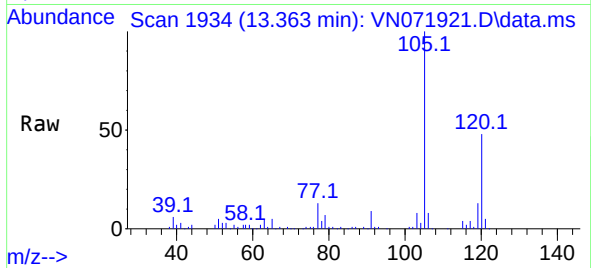




#85
 sec-Butylbenzene
 Concen: 2.463 ug/l
 RT: 13.363 min Scan# 1934
 Delta R.T. -0.135 min
 Lab File: VN071921.D
 Acq: 08 Apr 2022 17:56

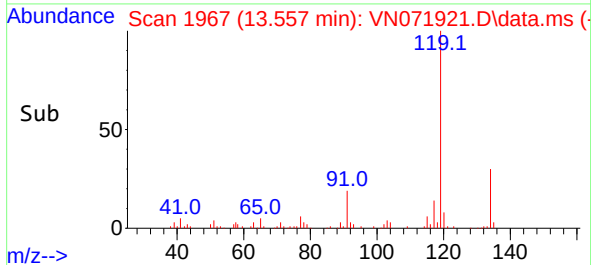
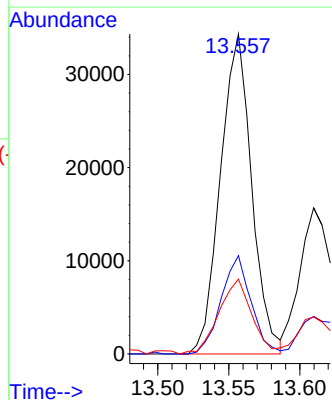
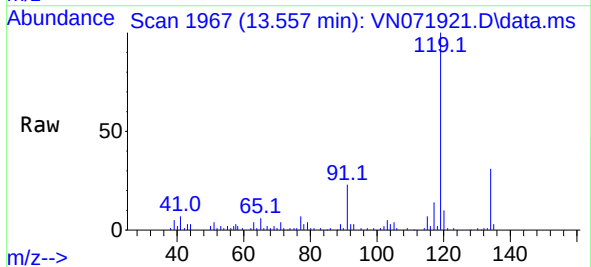
Instrument :
 MSVOA_N
 ClientSampleId :
 INF0422

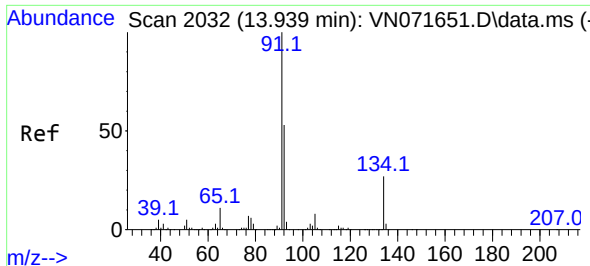
Tgt Ion:105 Resp: 99488
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 1.632 ug/l
 RT: 13.557 min Scan# 1967
 Delta R.T. -0.053 min
 Lab File: VN071921.D
 Acq: 08 Apr 2022 17:56

Tgt Ion:119 Resp: 52548
 Ion Ratio Lower Upper
 119 100
 134 29.4 13.3 39.8
 91 24.3 11.3 33.9

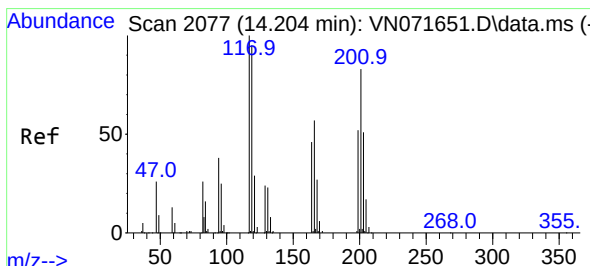
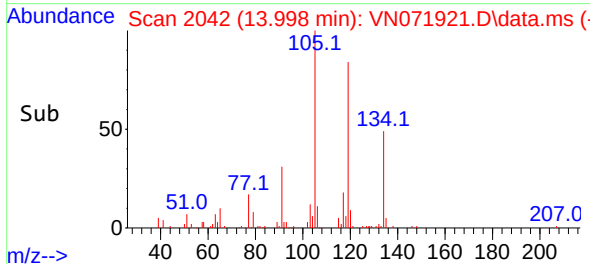
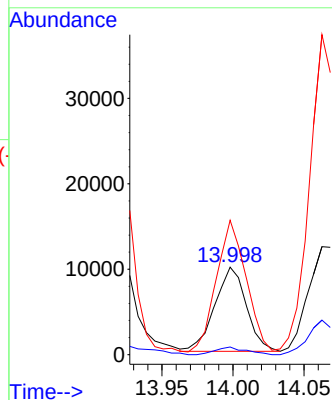
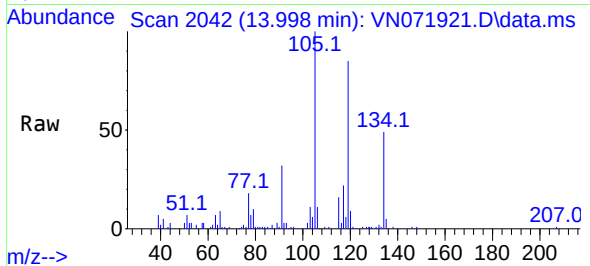




#89
n-Butylbenzene
Concen: 0.640 ug/l
RT: 13.998 min Scan# 2042
Delta R.T. 0.059 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

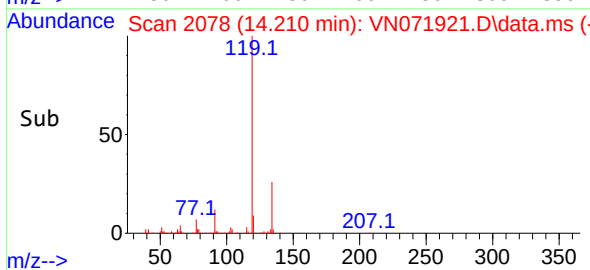
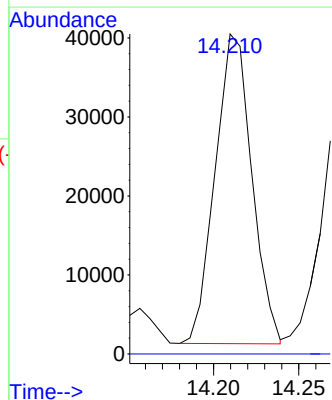
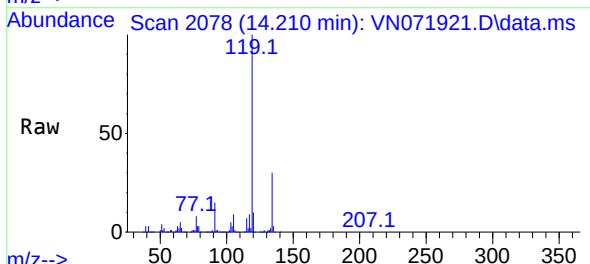
Instrument :
MSVOA_N
ClientSampleId :
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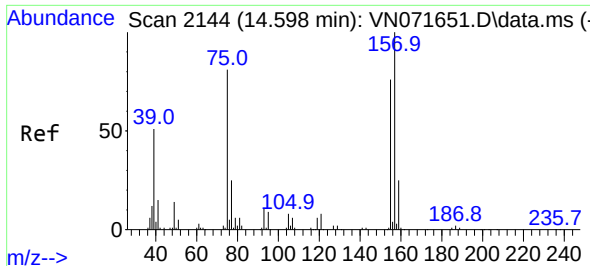
Tgt Ion: 91 Resp: 15278
Ion Ratio Lower Upper
91 100
92 0.0 26.9 80.7#
134 147.1 13.6 40.8#



#90
Hexachloroethane
Concen: 9.959 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

Tgt Ion: 117 Resp: 58709
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#

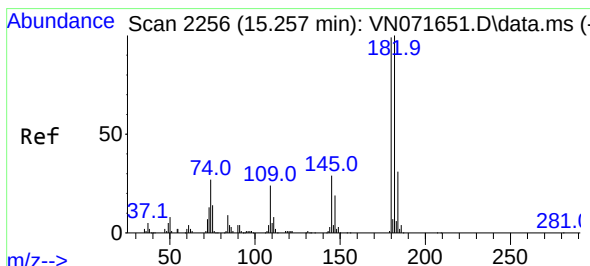
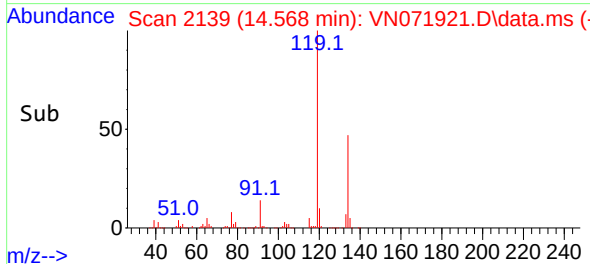
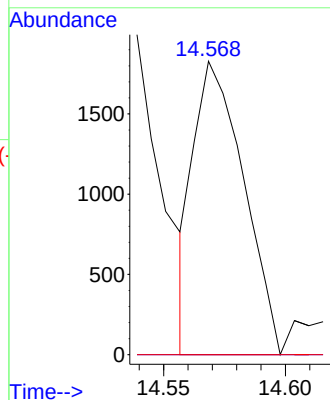
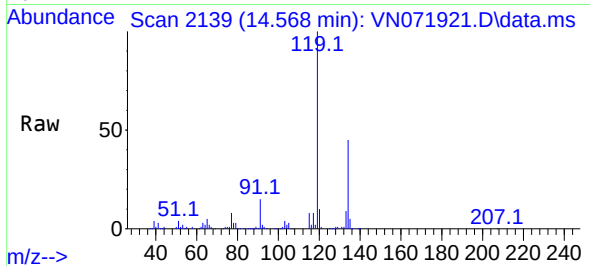




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.171 ug/l
RT: 14.568 min Scan# 2144
Delta R.T. -0.030 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

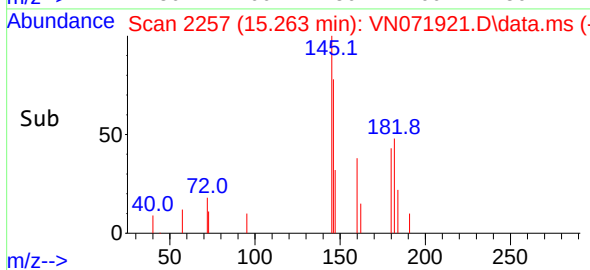
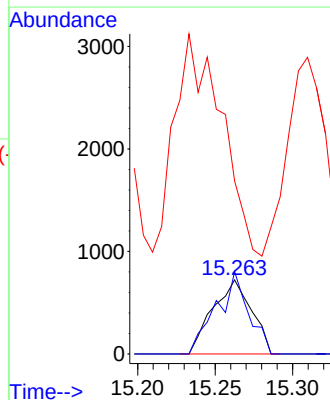
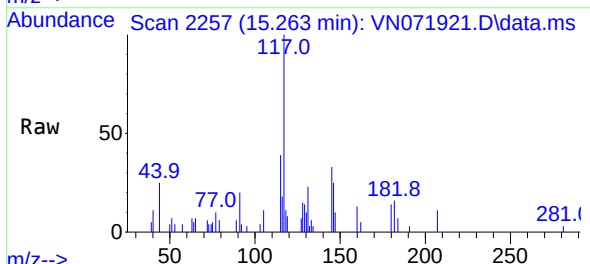
Instrument :
MSVOA_N
ClientSampleId :
INF0422

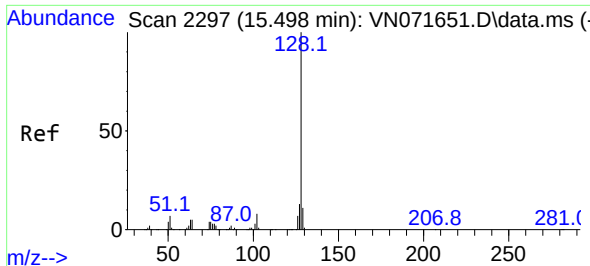
Tgt Ion: 75 Resp: 2606
Ion Ratio Lower Upper
75 100
155 0.0 44.9 134.5#
157 0.0 59.0 176.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.234 ug/l
RT: 15.263 min Scan# 2257
Delta R.T. 0.006 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

Tgt Ion: 180 Resp: 1259
Ion Ratio Lower Upper
180 100
182 92.2 47.5 142.5
145 0.0 14.5 43.5#



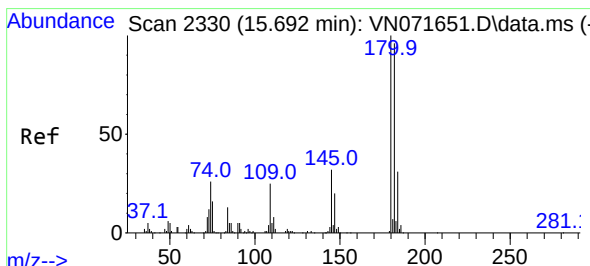
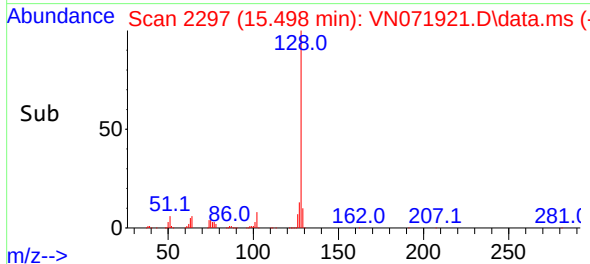
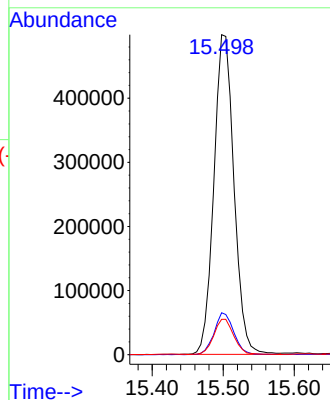
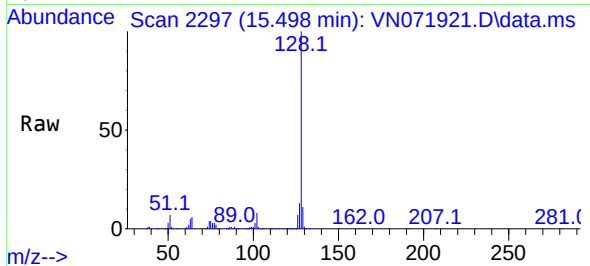


#95
Naphthalene
Concen: 42.719 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

Instrument :
MSVOA_N
ClientSampleId :
INF0422

Tgt Ion:128 Resp: 979150

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.1	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.596 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN071921.D
Acq: 08 Apr 2022 17:56

Tgt Ion:180 Resp: 1506

Ion	Ratio	Lower	Upper
180	100		
182	88.2	47.8	143.3
145	0.0	15.5	46.5#

