

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070371.D
 Acq On : 30 Dec 2021 2:29
 Operator : JC/MD
 Sample : M5219-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 30 03:17:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	798387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1444052	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1164552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	328220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	684462	59.626	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	119.260%
35) Dibromofluoromethane	8.021	113	476927	54.586	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	109.180%
50) Toluene-d8	10.443	98	1595946	44.714	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	89.420%
62) 4-Bromofluorobenzene	12.731	95	524623	40.696	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	81.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	3662	0.404	ug/l	96
3) Chloromethane	2.303	50	3931	0.319	ug/l #	85
4) Vinyl Chloride	2.448	62	12572	1.121	ug/l	95
6) Chloroethane	3.022	64	9509	1.408	ug/l	89
8) Diethyl Ether	3.829	74	2318	0.390	ug/l	91
11) Tert butyl alcohol	5.388	59	12668	6.628	ug/l #	79
16) Acetone	4.293	43	227020	30.465	ug/l	99
17) Carbon Disulfide	4.529	76	10152	0.457	ug/l	99
18) Methyl Acetate	4.596	43	43428	2.015	ug/l #	51
20) Methylene Chloride	5.090	84	2918	0.283	ug/l #	70
22) Diisopropyl ether	6.495	45	38130	1.062	ug/l #	85
23) Vinyl Acetate	6.501	43	21084	0.757	ug/l #	72
25) 2-Butanone	7.346	43	66293	7.065	ug/l #	87
27) cis-1,2-Dichloroethene	7.329	96	7670	0.747	ug/l	91
29) Tetrahydrofuran	7.691	42	76137	13.601	ug/l #	84
31) Cyclohexane	8.080	56	20262	1.119	ug/l #	6
36) 1,1-Dichloropropene	8.086	75	66161	4.577	ug/l #	49
37) Ethyl Acetate	7.346	43	66293	3.538	ug/l #	68
38) Carbon Tetrachloride	8.088	117	78867	5.714	ug/l #	17
40) Benzene	8.461	78	170344	3.844	ug/l	99
41) Methacrylonitrile	7.694	41	44006	4.696	ug/l #	28
49) 1,4-Dioxane	9.563	88	324	1.571	ug/l #	1
51) 4-Methyl-2-Pentanone	10.331	43	19178	1.033	ug/l	96
52) Toluene	10.505	92	71129	2.652	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.097	63	24	18.518	ug/l #	45
59) 2-Hexanone	11.090	43	25006	1.847	ug/l #	62
67) Ethyl Benzene	11.843	91	17449	0.385	ug/l	92
68) m/p-Xylenes	11.948	106	21200	1.286	ug/l	84
69) o-Xylene	12.280	106	10836	0.661	ug/l	98
73) Isopropylbenzene	12.578	105	11279	0.370	ug/l	99
74) N-amyl acetate	12.353	43	7099	0.554	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.819	83	413	0.484	ug/l #	35
76) 1,2,3-Trichloropropane	12.731	75	275638	29.550	ug/l #	1
78) n-propylbenzene	12.919	91	17786	0.527	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	9441	0.387	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.731	75	275638	102.604	ug/l #	5

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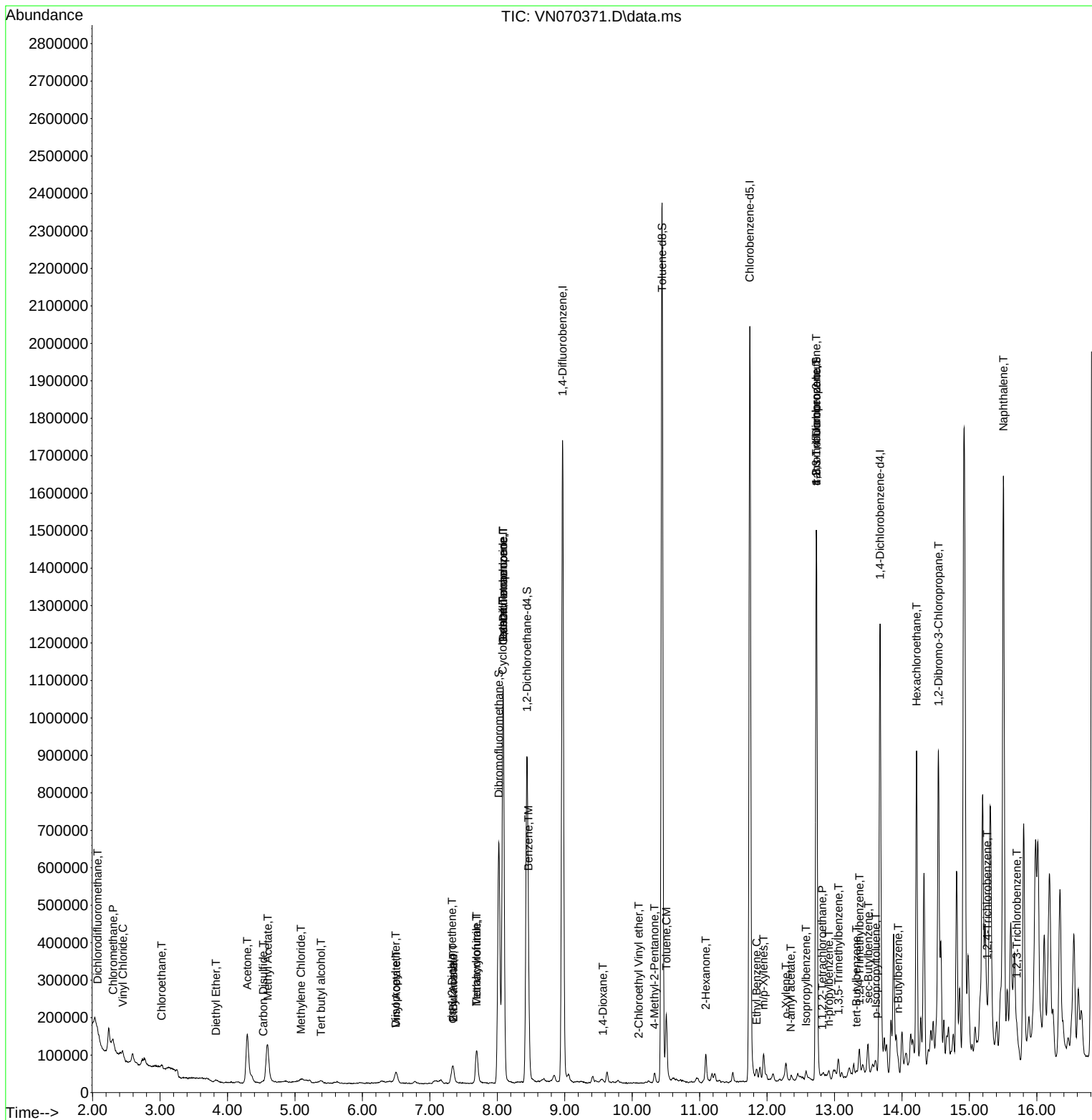
Quant Time: Dec 30 03:17:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
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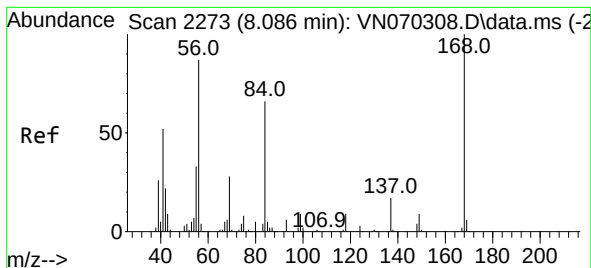
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

83) tert-Butylbenzene	13.324	119	5941	0.276	ug/l	80
84) 1,2,4-Trimethylbenzene	13.369	105	43401	1.845	ug/l	97
85) sec-Butylbenzene	13.501	105	19634	0.672	ug/l	80
86) p-Isopropyltoluene	13.616	119	11419	0.498	ug/l	93
89) n-Butylbenzene	13.943	91	17798	0.930	ug/l #	77
90) Hexachloroethane	14.217	117	43764	10.983	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.541	75	4623	2.618	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.265	180	4617	0.853	ug/l #	1
95) Naphthalene	15.504	128	1397619	91.896	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	5875	1.942	ug/l #	80

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070371.D

Acq: 30 Dec 2021 2:29

Instrument :

MSVOA_N

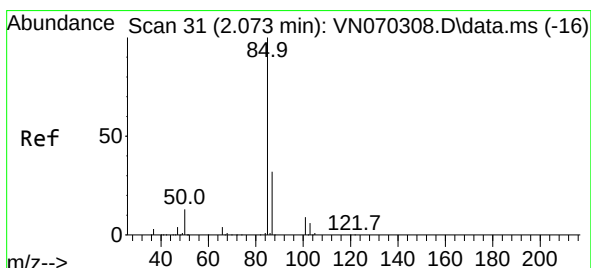
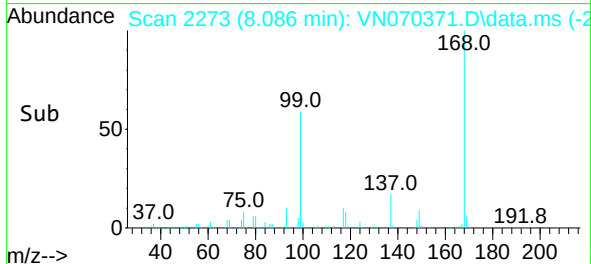
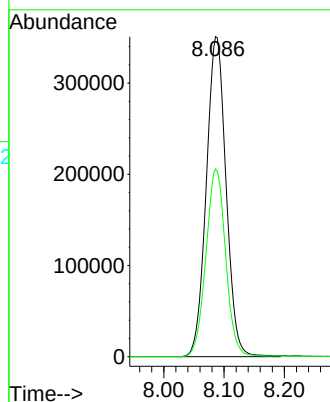
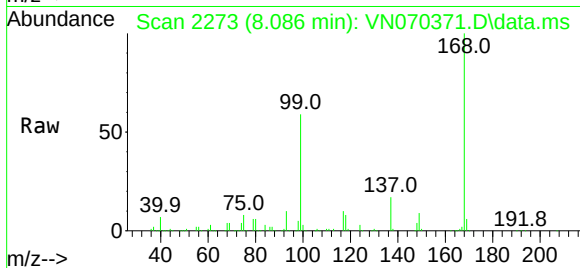
ClientSampleId :

Tgt Ion:168 Resp: 798387

Ion Ratio Lower Upper

168 100

99 58.7 41.3 61.9



#2

Dichlorodifluoromethane

Concen: 0.404 ug/l

RT: 2.073 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN070371.D

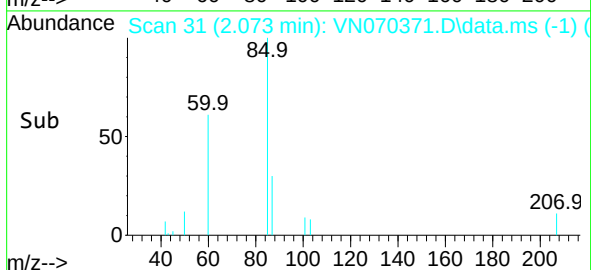
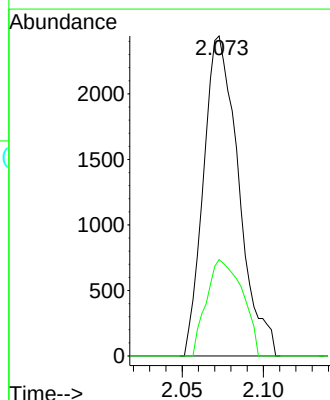
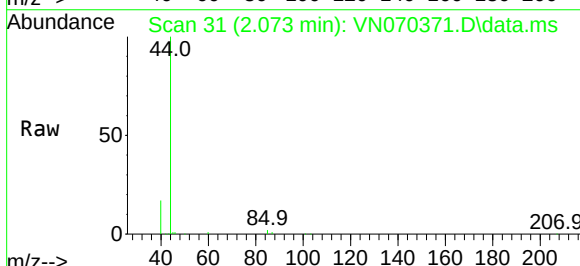
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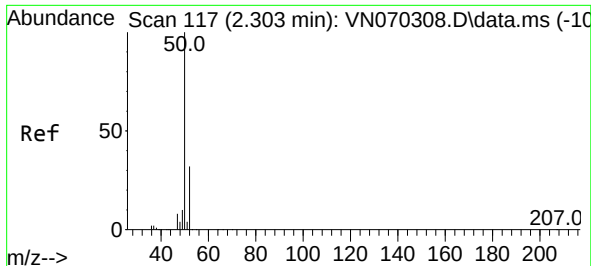
Tgt Ion: 85 Resp: 3662

Ion Ratio Lower Upper

85 100

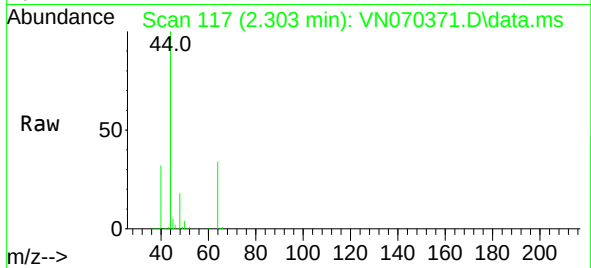
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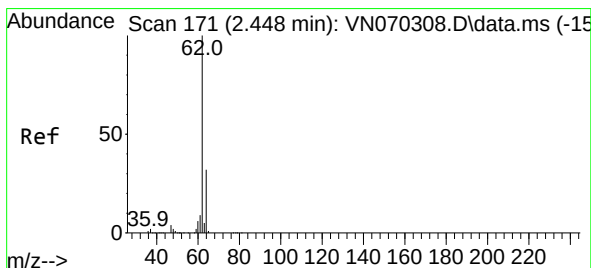
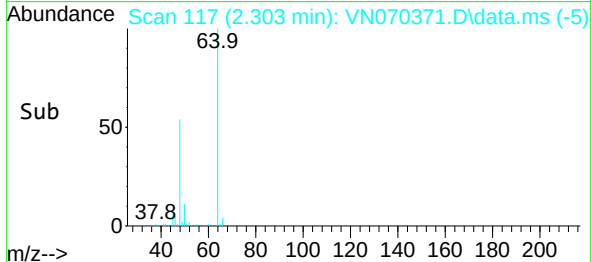
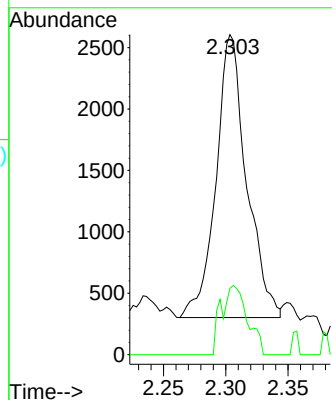


#3
Chloromethane
Concen: 0.319 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

Instrument :
MSVOA_N
ClientSampleId :

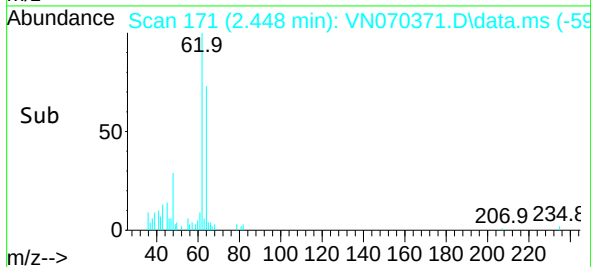
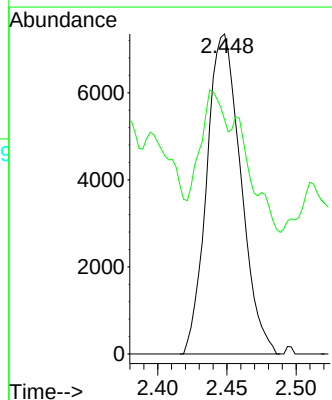
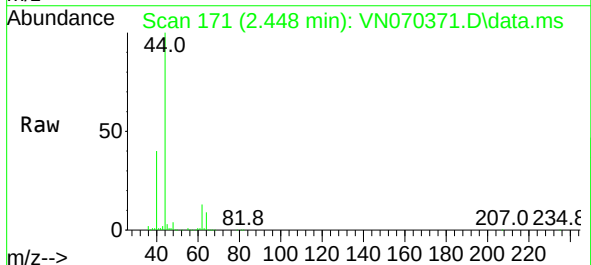


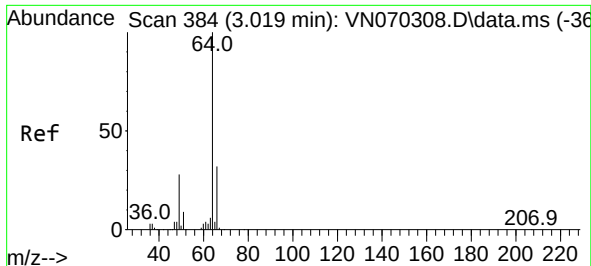
Tgt Ion: 50 Resp: 3931
Ion Ratio Lower Upper
50 100
52 23.5 25.4 38.0#



#4
Vinyl Chloride
Concen: 1.121 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

Tgt Ion: 62 Resp: 12572
Ion Ratio Lower Upper
62 100
64 35.3 25.8 38.6

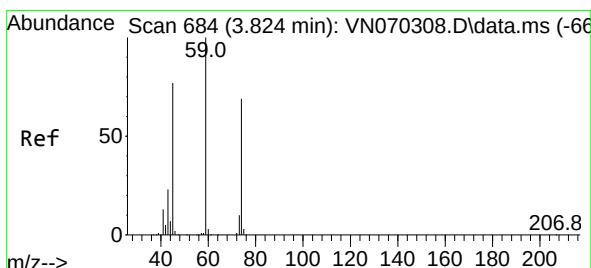
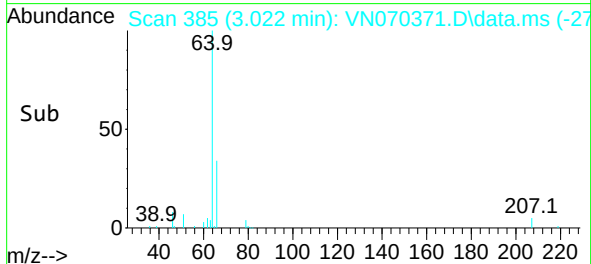
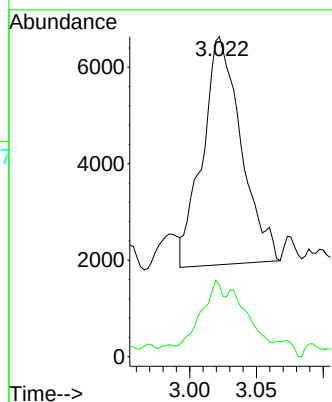
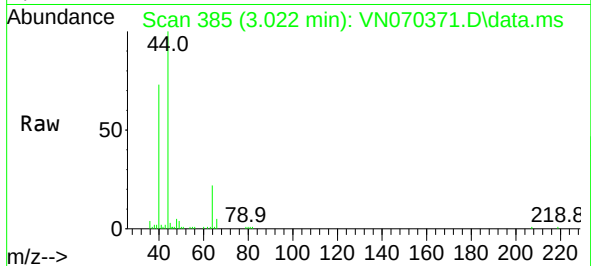




#6
Chloroethane
Concen: 1.408 ug/l
RT: 3.022 min Scan# 384
Delta R.T. 0.003 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

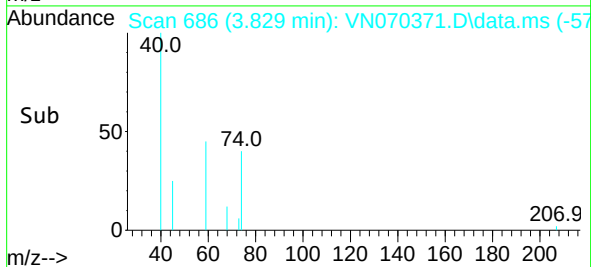
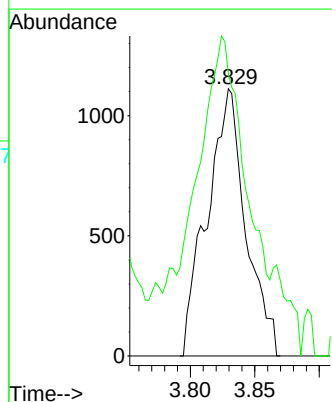
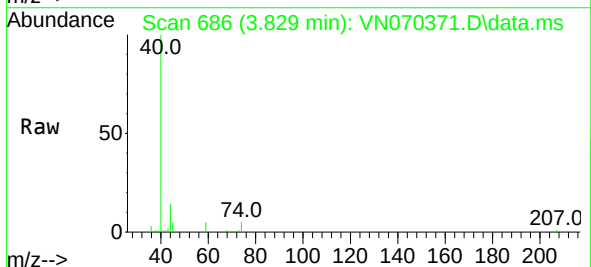
Instrument :
MSVOA_N
ClientSampleId :

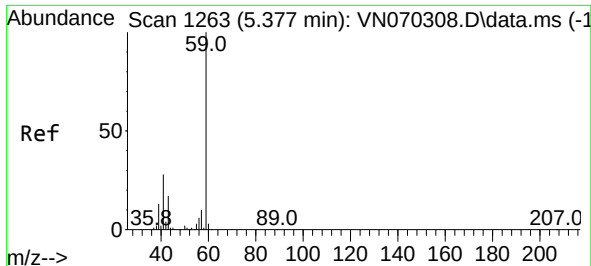
Tgt Ion: 64 Resp: 9509
Ion Ratio Lower Upper
64 100
66 26.5 26.3 39.5



#8
Diethyl Ether
Concen: 0.390 ug/l
RT: 3.829 min Scan# 686
Delta R.T. 0.005 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

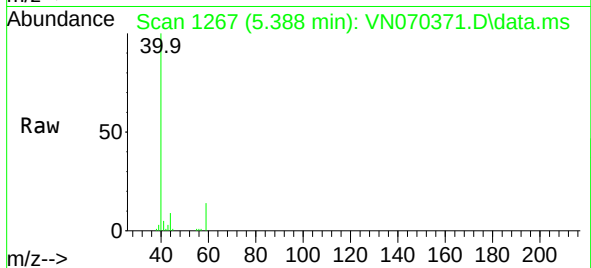
Tgt Ion: 74 Resp: 2318
Ion Ratio Lower Upper
74 100
45 103.2 47.0 141.2



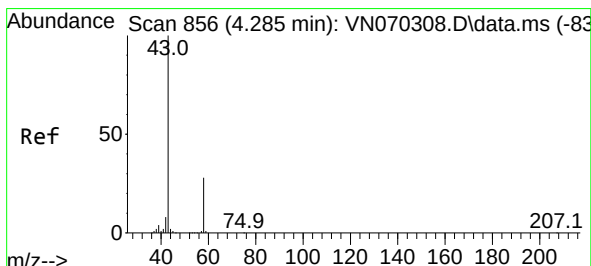
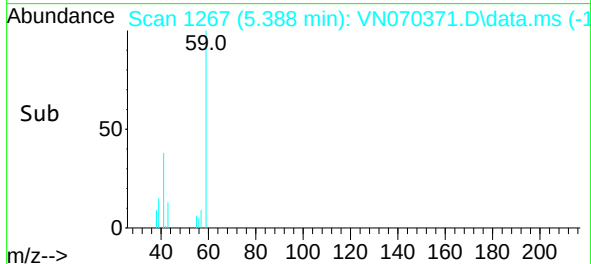
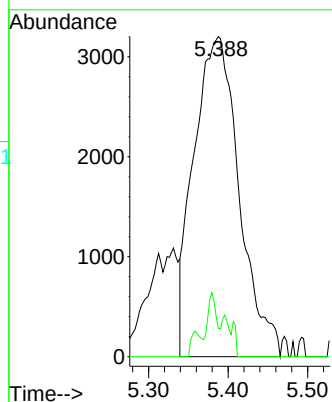


#11
Tert butyl alcohol
Concen: 6.628 ug/l
RT: 5.388 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

Instrument :
MSVOA_N
ClientSampleId :

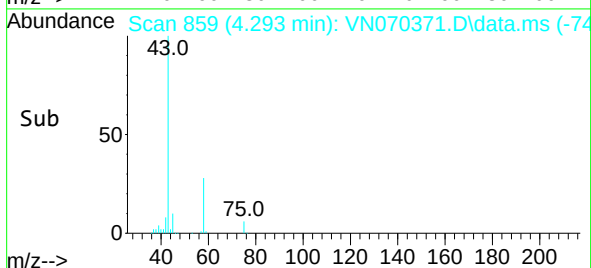
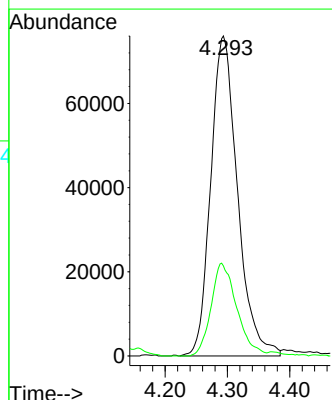
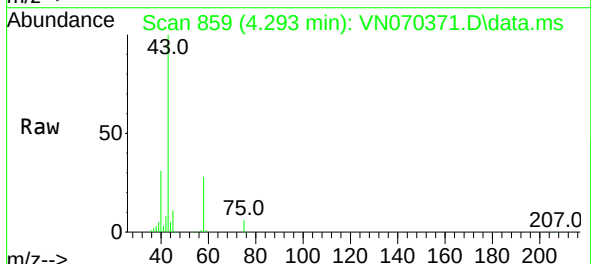


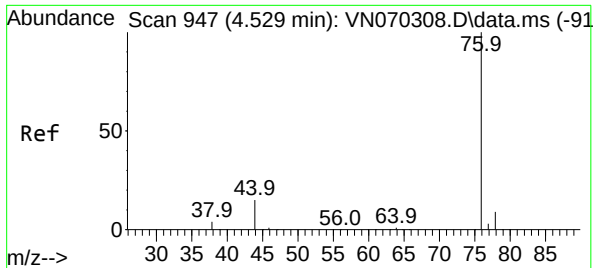
Tgt Ion: 59 Resp: 12668
Ion Ratio Lower Upper
59 100
57 2.9 8.7 13.1#



#16
Acetone
Concen: 30.465 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

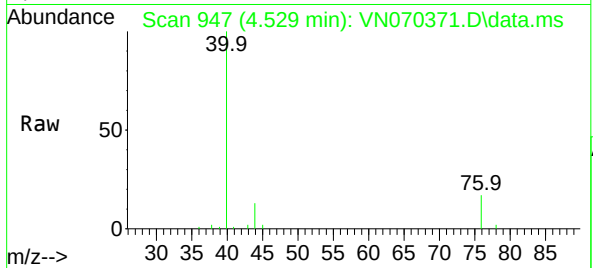
Tgt Ion: 43 Resp: 227020
Ion Ratio Lower Upper
43 100
58 28.1 23.1 34.7



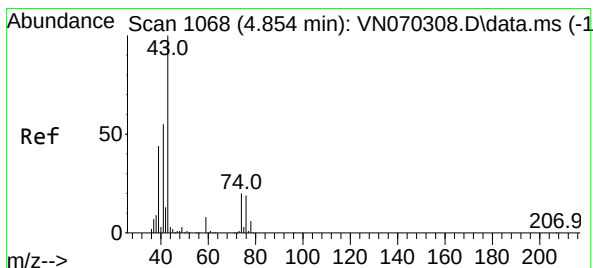
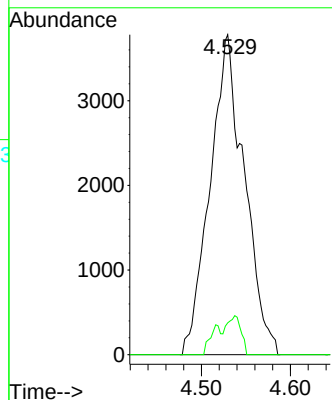
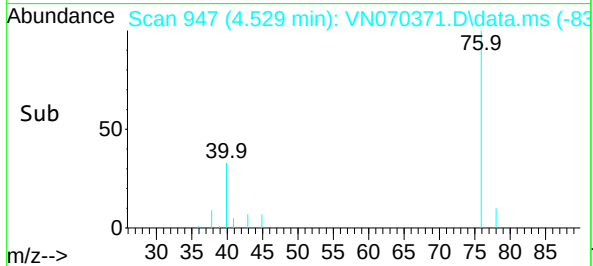


#17
Carbon Disulfide
Concen: 0.457 ug/l
RT: 4.529 min Scan# 947
Delta R.T. 0.000 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

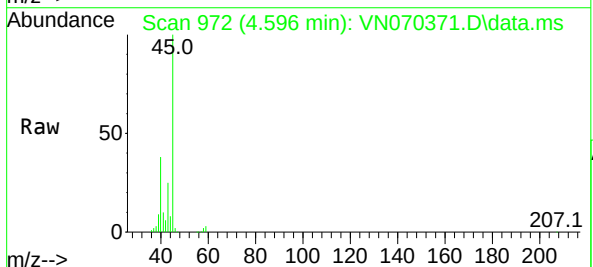
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ClientSampleId :



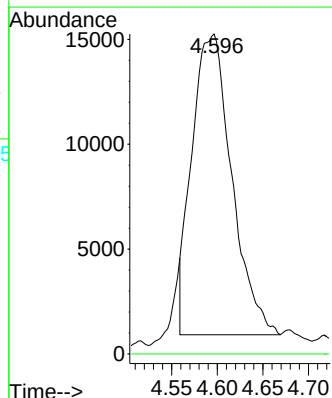
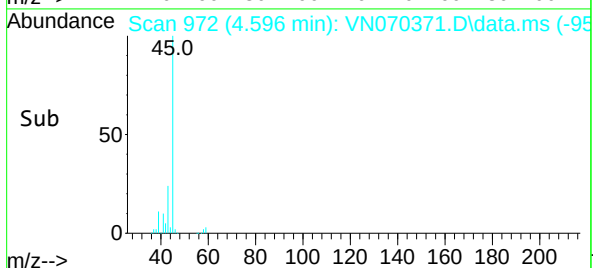
Tgt Ion: 76 Resp: 10152
Ion Ratio Lower Upper
76 100
78 9.9 7.5 11.3

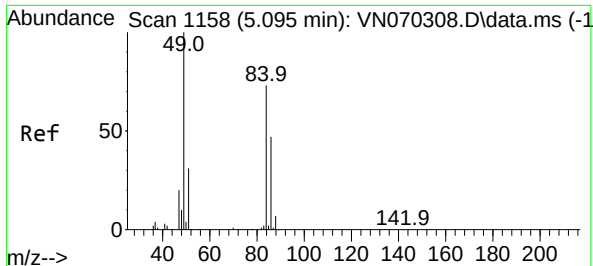


#18
Methyl Acetate
Concen: 2.015 ug/l
RT: 4.596 min Scan# 972
Delta R.T. -0.258 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29



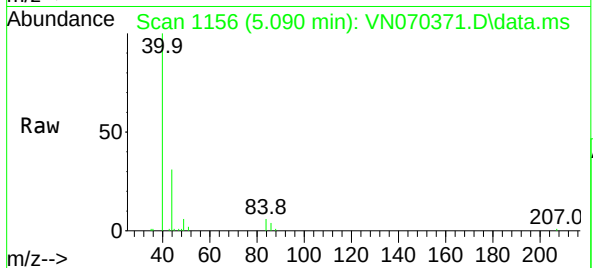
Tgt Ion: 43 Resp: 43428
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



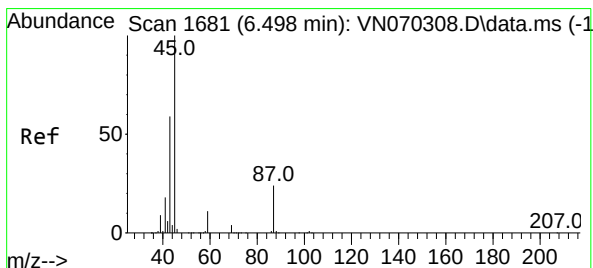
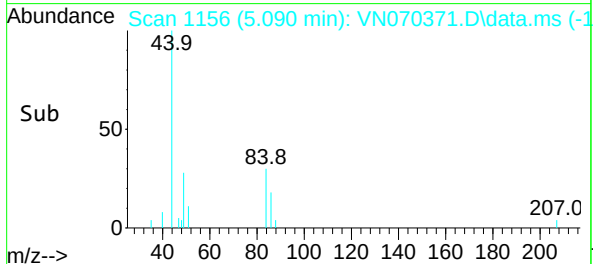
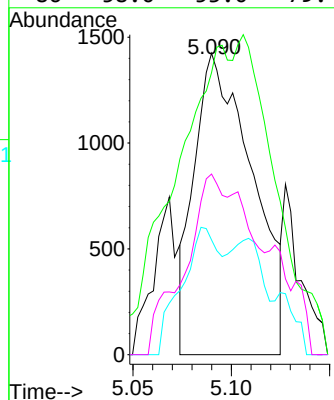


#20
Methylene Chloride
Concen: 0.283 ug/l
RT: 5.090 min Scan# 1158
Delta R.T. -0.005 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

Instrument :
MSVOA_N
ClientSampleId :

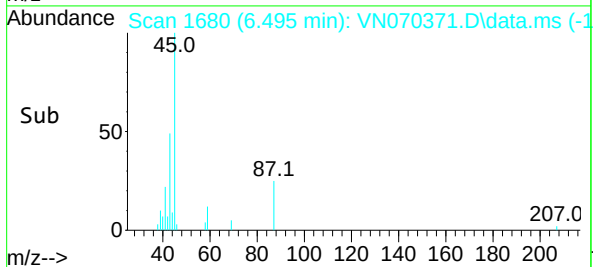
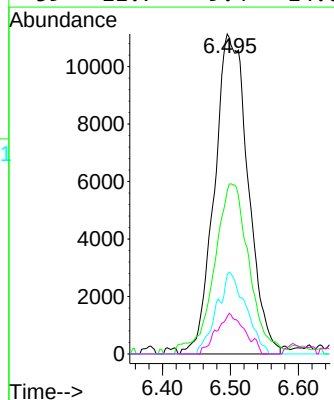
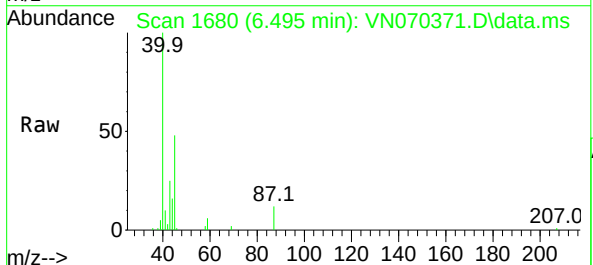


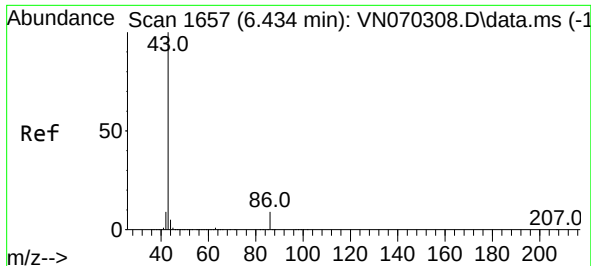
Tgt Ion: 84 Resp: 2918
Ion Ratio Lower Upper
84 100
49 67.3 93.5 140.3#
51 27.4 29.4 44.2#
86 58.0 53.0 79.4



#22
Diisopropyl ether
Concen: 1.062 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

Tgt Ion: 45 Resp: 38130
Ion Ratio Lower Upper
45 100
43 48.6 51.7 77.5#
87 24.8 23.2 34.8
59 11.7 9.4 14.0

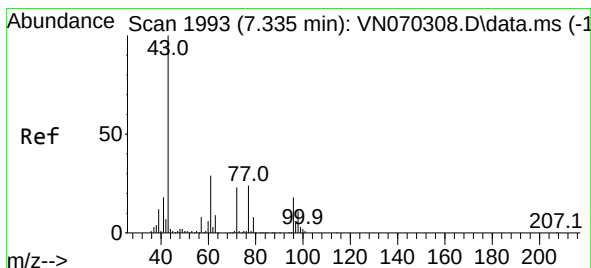
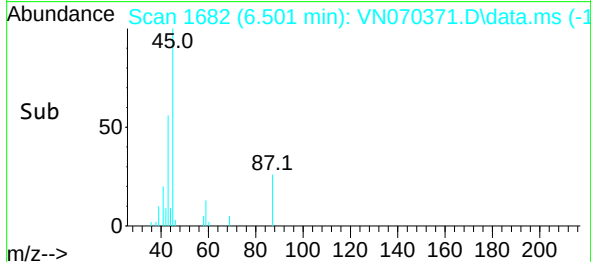
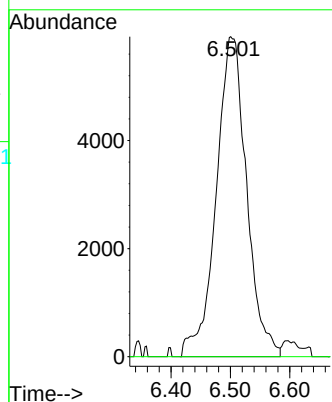
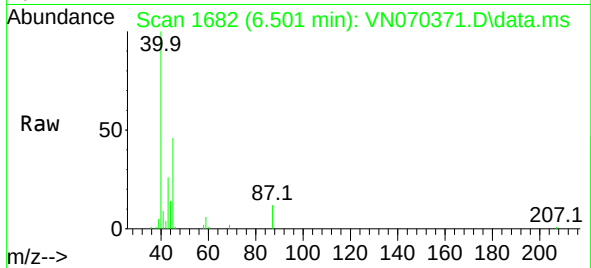




#23
 Vinyl Acetate
 Concen: 0.757 ug/l
 RT: 6.501 min Scan# 11
 Delta R.T. 0.067 min
 Lab File: VN070371.D
 Acq: 30 Dec 2021 2:29

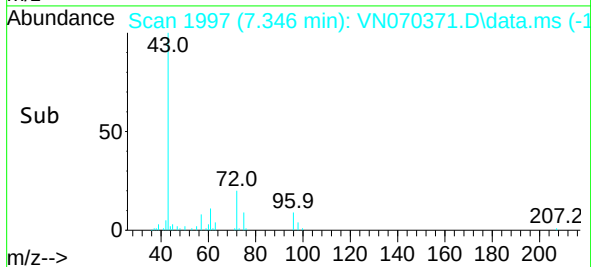
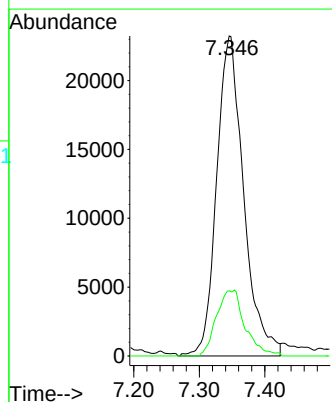
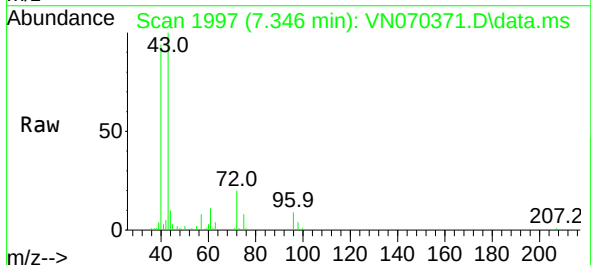
Instrument :
 MSVOA_N
 ClientSampleId :

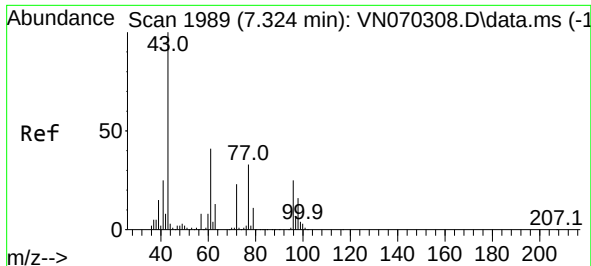
Tgt Ion: 43 Resp: 21084
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.5 12.7#



#25
 2-Butanone
 Concen: 7.065 ug/l
 RT: 7.346 min Scan# 1997
 Delta R.T. 0.011 min
 Lab File: VN070371.D
 Acq: 30 Dec 2021 2:29

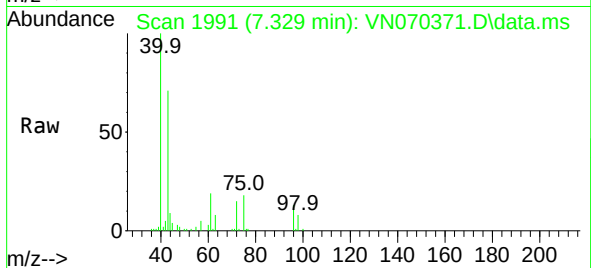
Tgt Ion: 43 Resp: 66293
 Ion Ratio Lower Upper
 43 100
 72 20.4 21.7 32.5#



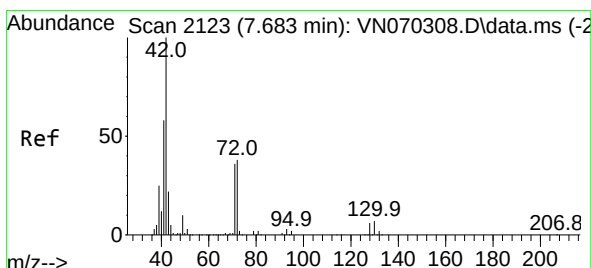
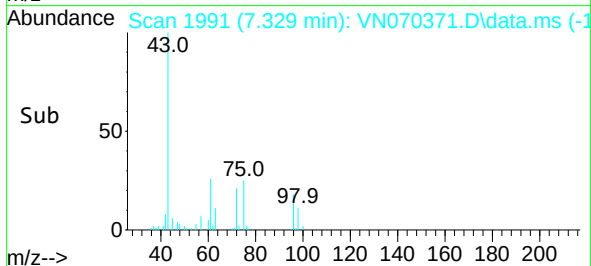
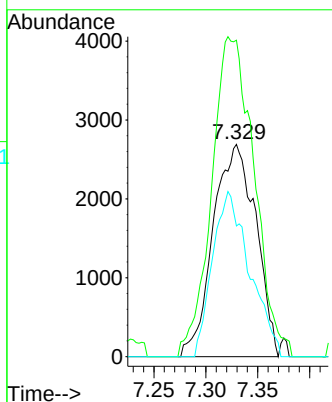


#27
 cis-1,2-Dichloroethene
 Concen: 0.747 ug/l
 RT: 7.329 min Scan# 1989
 Delta R.T. 0.005 min
 Lab File: VN070371.D
 Acq: 30 Dec 2021 2:29

Instrument :
 MSVOA_N
 ClientSampleId :

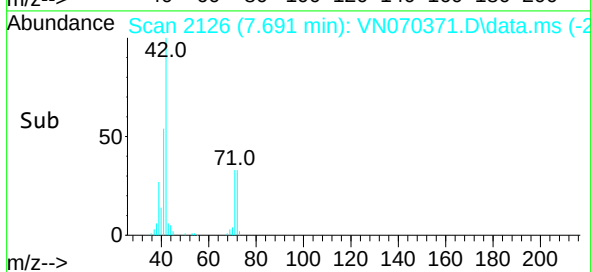
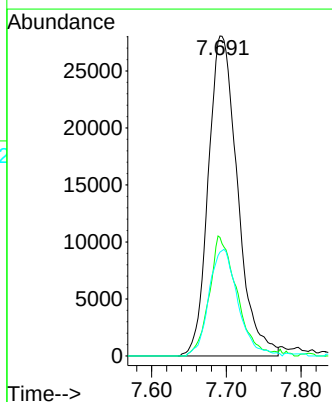
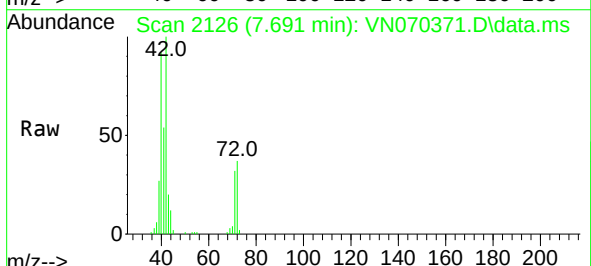


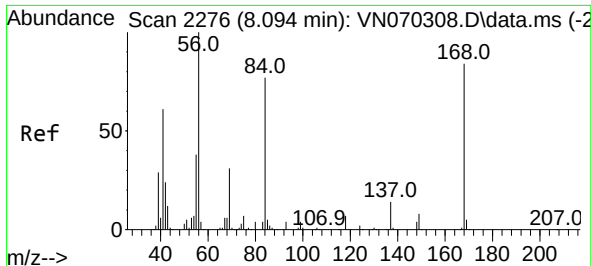
Tgt Ion: 96 Resp: 7670
 Ion Ratio Lower Upper
 96 100
 61 150.3 0.0 275.0
 98 67.9 0.0 129.6



#29
 Tetrahydrofuran
 Concen: 13.601 ug/l
 RT: 7.691 min Scan# 2126
 Delta R.T. 0.008 min
 Lab File: VN070371.D
 Acq: 30 Dec 2021 2:29

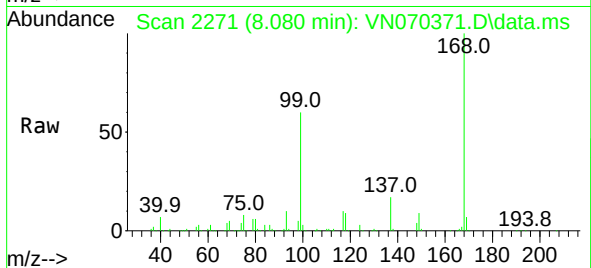
Tgt Ion: 42 Resp: 76137
 Ion Ratio Lower Upper
 42 100
 72 35.2 36.3 54.5#
 71 33.1 34.7 52.1#



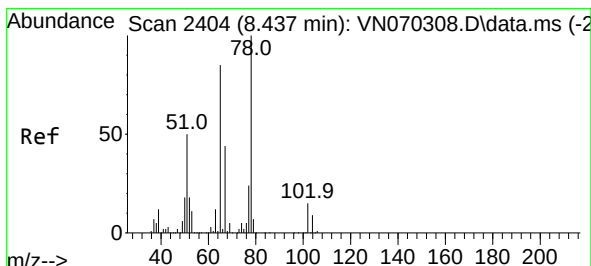
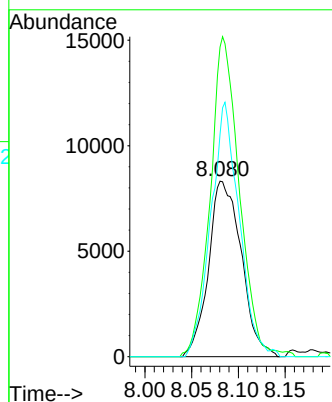
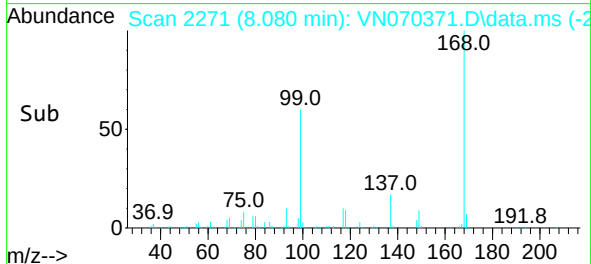


#31
Cyclohexane
Concen: 1.119 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.014 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

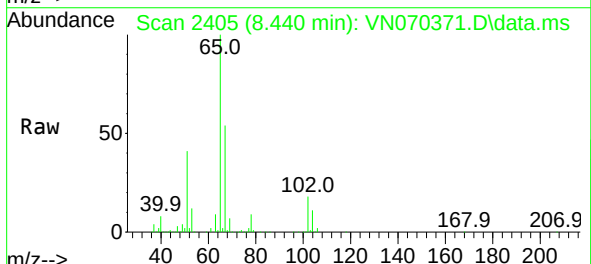
Instrument :
MSVOA_N
ClientSampleId :



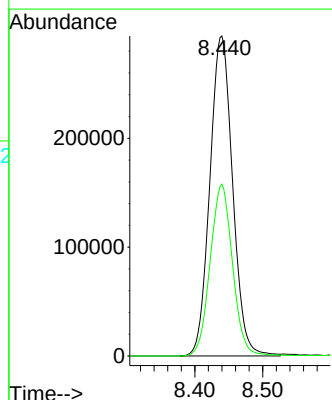
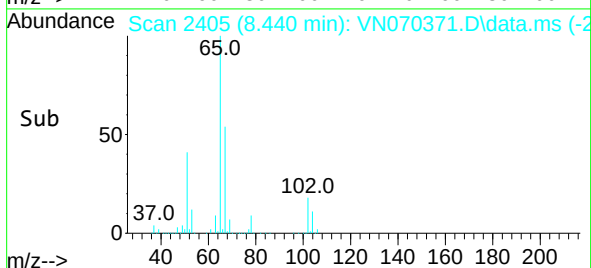
Tgt Ion: 56 Resp: 20262
Ion Ratio Lower Upper
56 100
69 176.4 27.1 40.7#
84 126.7 73.4 110.0#

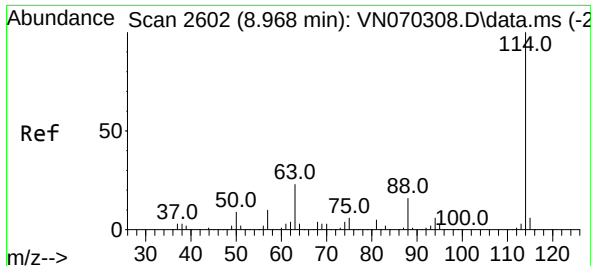


#33
1,2-Dichloroethane-d4
Concen: 59.626 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29



Tgt Ion: 65 Resp: 684462
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.0

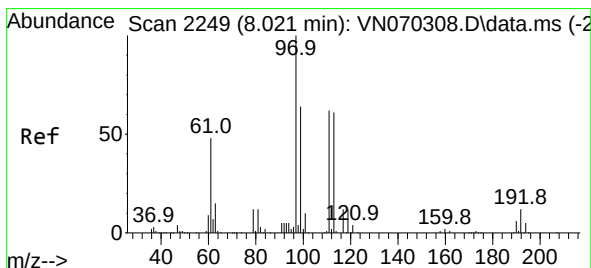
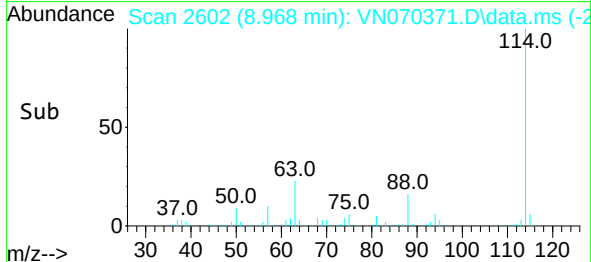
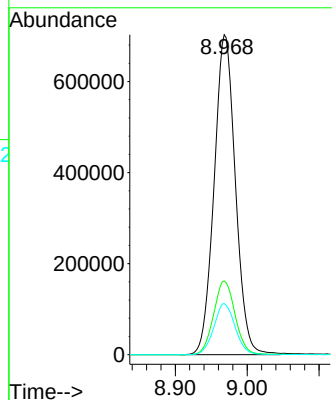
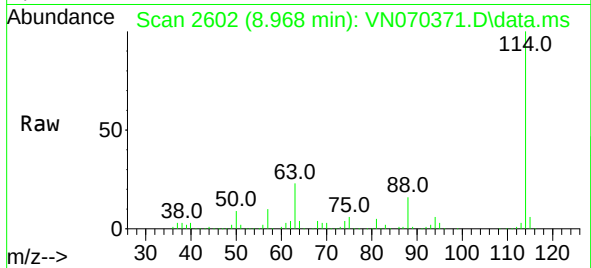




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

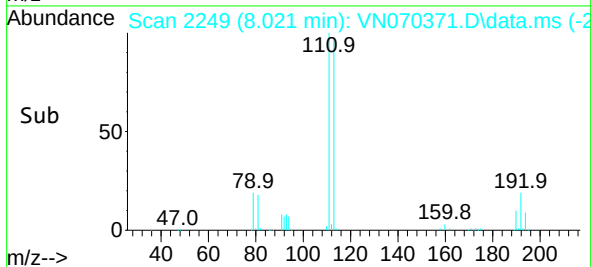
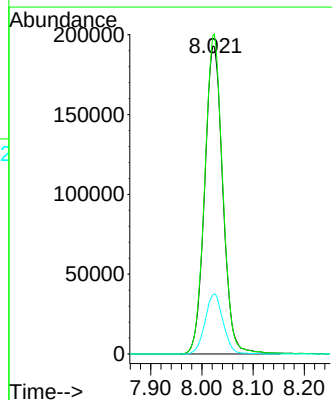
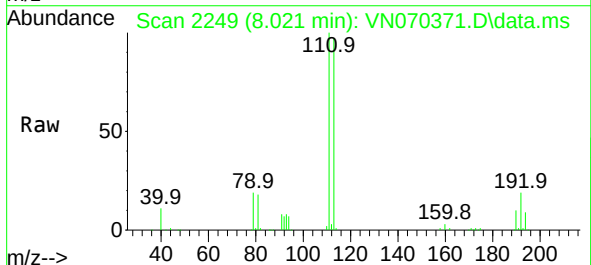
Instrument :
MSVOA_N
ClientSampleId :

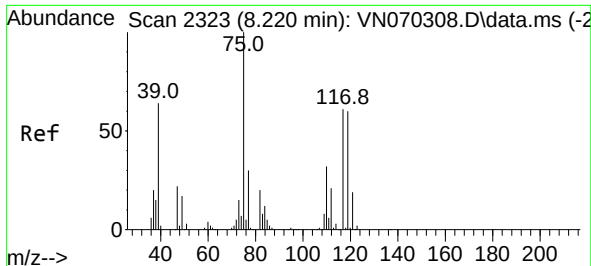
Tgt Ion:114 Resp: 1444052
Ion Ratio Lower Upper
114 100
63 23.0 0.0 37.8
88 16.0 0.0 27.4



#35
Dibromofluoromethane
Concen: 54.586 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

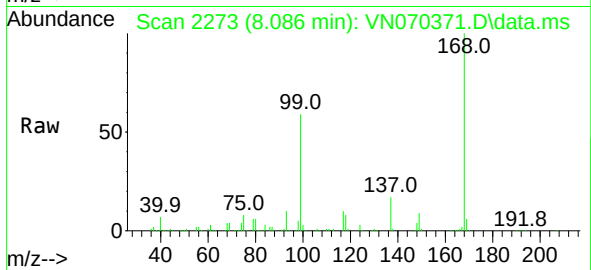
Tgt Ion:113 Resp: 476927
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 19.3 16.9 25.3



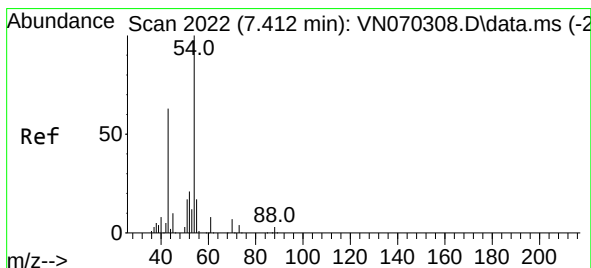
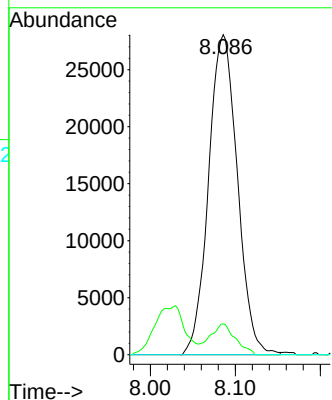
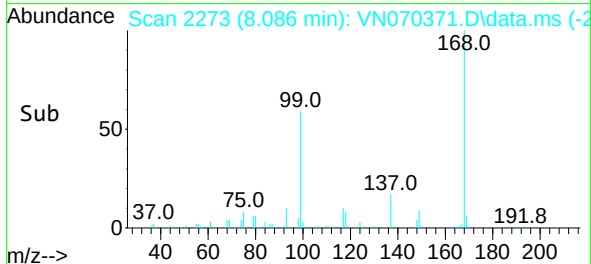


#36
1,1-Dichloropropene
Concen: 4.577 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.134 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

Instrument :
MSVOA_N
ClientSampleId :

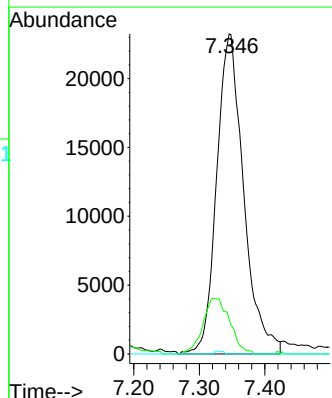
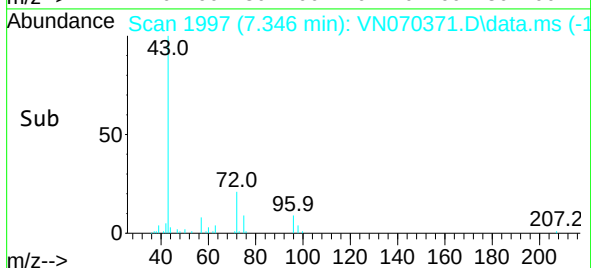
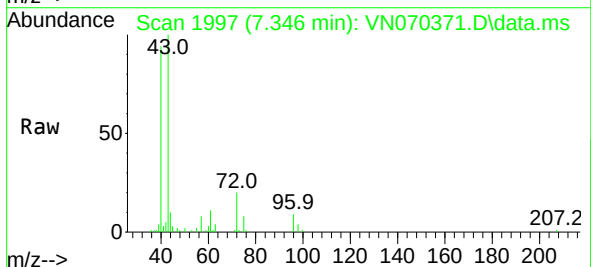


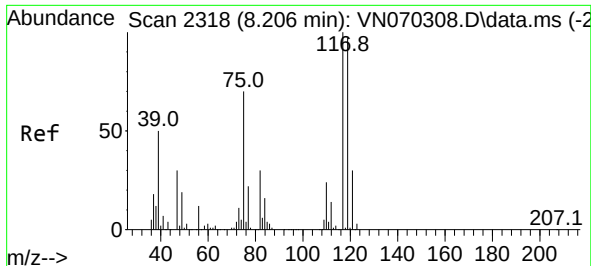
Tgt Ion: 75 Resp: 66161
Ion Ratio Lower Upper
75 100
110 8.4 18.4 55.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 3.538 ug/l
RT: 7.346 min Scan# 1997
Delta R.T. -0.066 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

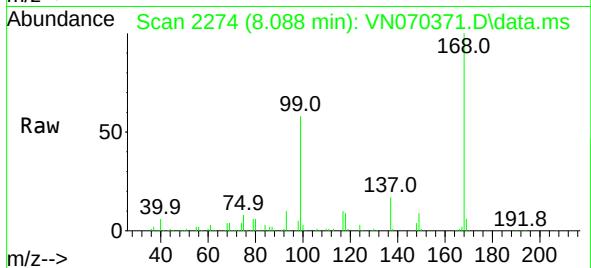
Tgt Ion: 43 Resp: 66293
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



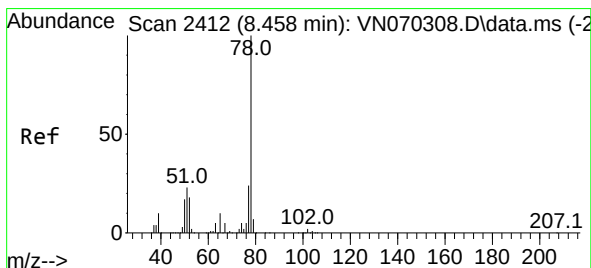
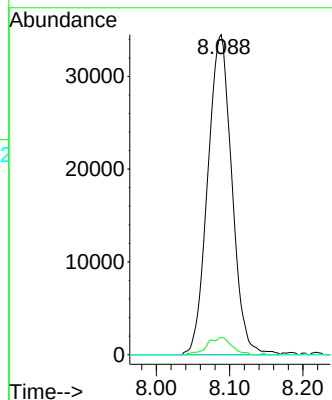
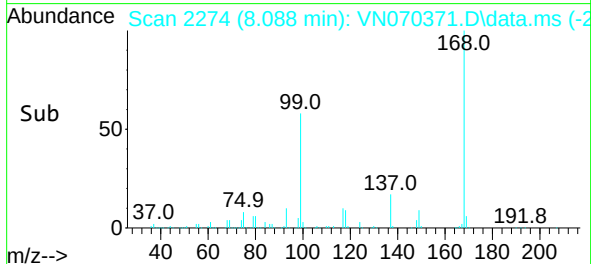


#38
Carbon Tetrachloride
Concen: 5.714 ug/l
RT: 8.088 min Scan# 211
Delta R.T. -0.118 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

Instrument :
MSVOA_N
ClientSampleId :

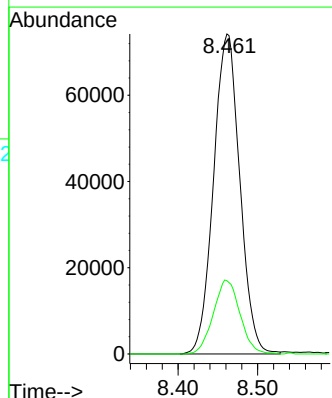
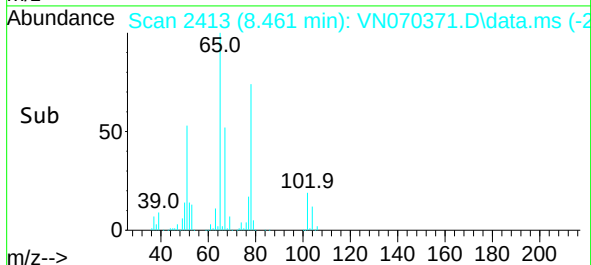
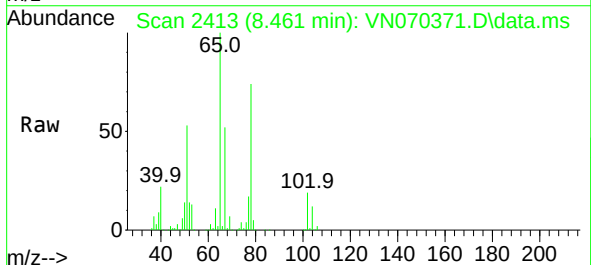


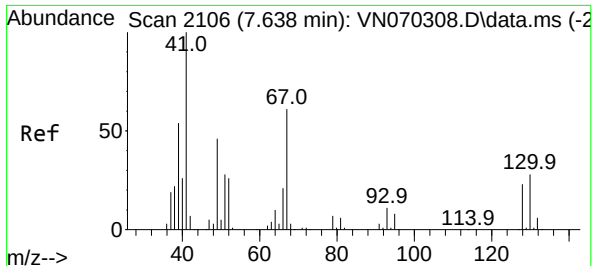
Tgt Ion:117 Resp: 78867
Ion Ratio Lower Upper
117 100
119 5.3 76.1 114.1#
121 0.0 24.2 36.2#



#40
Benzene
Concen: 3.844 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.003 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

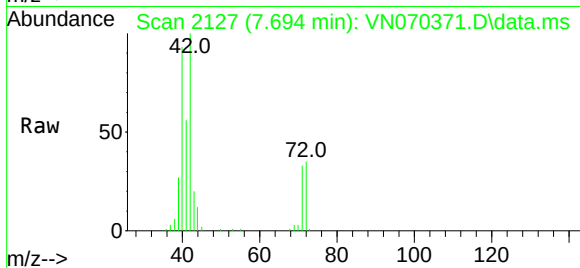
Tgt Ion: 78 Resp: 170344
Ion Ratio Lower Upper
78 100
77 22.9 18.6 27.8



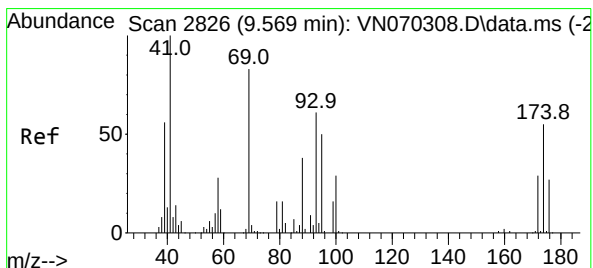
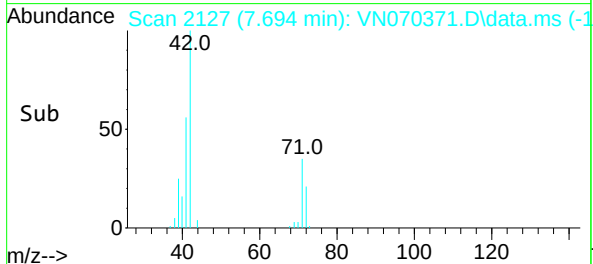
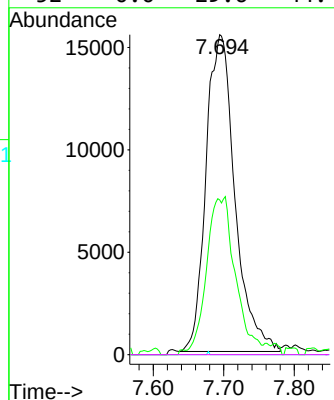


#41
Methacrylonitrile
Concen: 4.696 ug/l
RT: 7.694 min Scan# 2106
Delta R.T. 0.056 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

Instrument :
MSVOA_N
ClientSampleId :

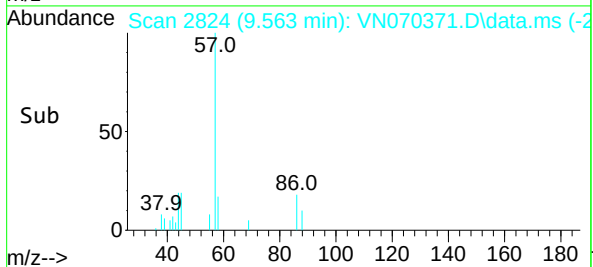
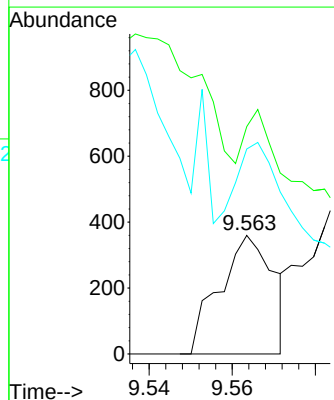
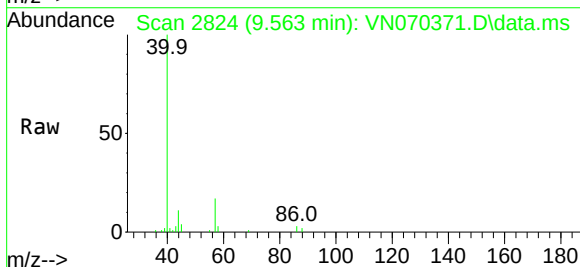


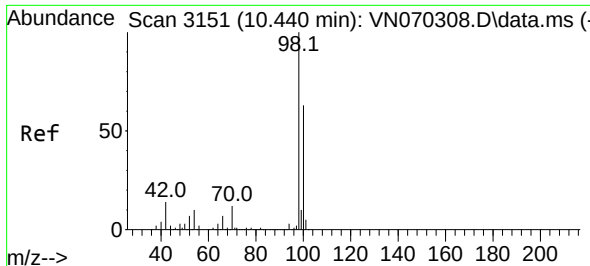
Tgt Ion:	41	Resp:	44006
Ion	Ratio	Lower	Upper
41	100		
39	25.0	48.1	72.1#
67	0.1	68.3	102.5#
52	0.0	29.6	44.4#



#49
1,4-Dioxane
Concen: 1.571 ug/l
RT: 9.563 min Scan# 2824
Delta R.T. -0.006 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

Tgt Ion:	88	Resp:	324
Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.4	35.2#
58	292.3	50.6	75.8#

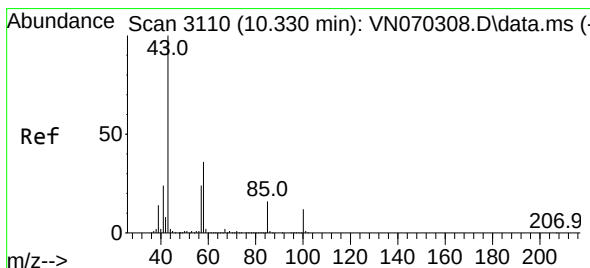
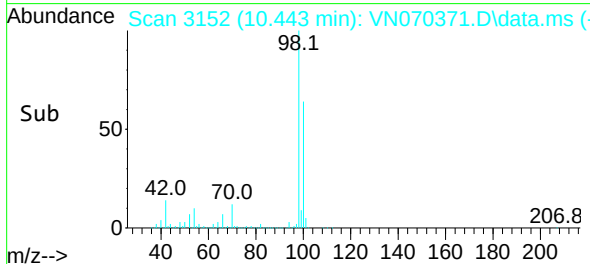
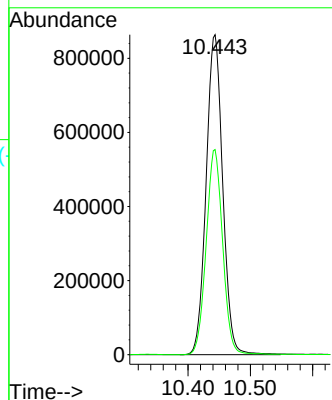
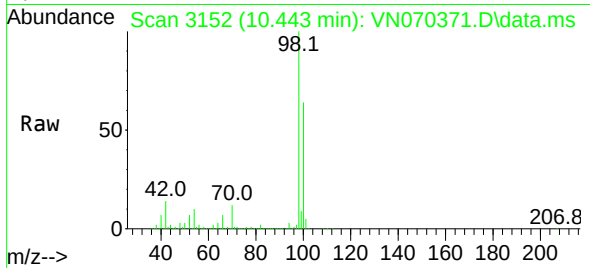




#50
Toluene-d8
Concen: 44.714 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

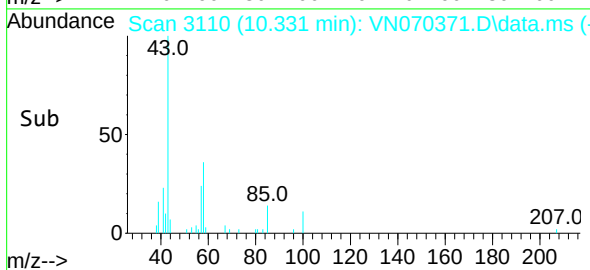
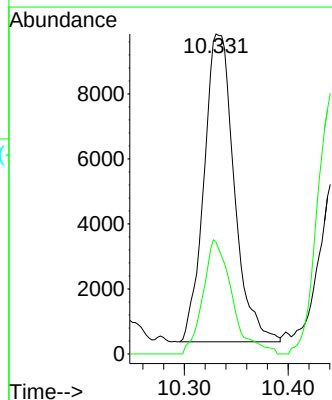
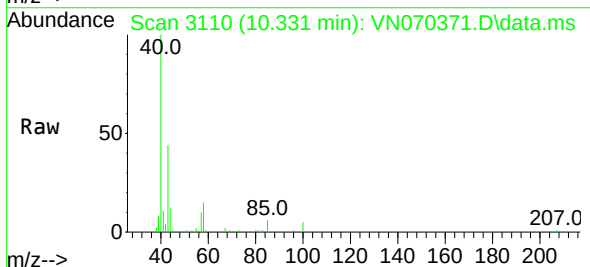
Instrument :
MSVOA_N
ClientSampleId :

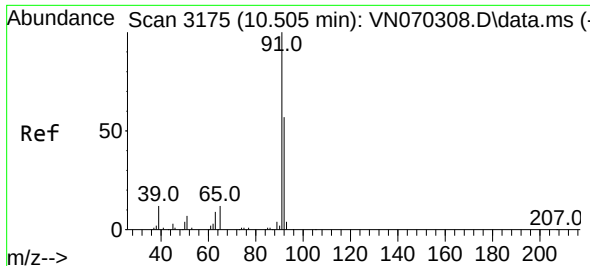
Tgt Ion: 98 Resp: 1595946
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 1.033 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. 0.001 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

Tgt Ion: 43 Resp: 19178
Ion Ratio Lower Upper
43 100
58 35.7 30.4 45.6

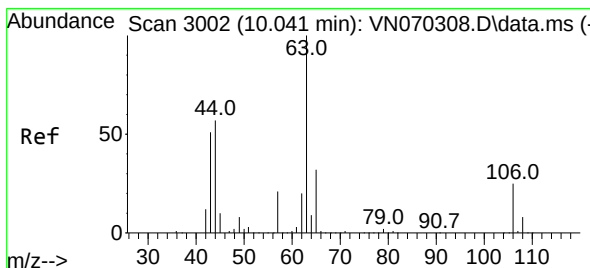
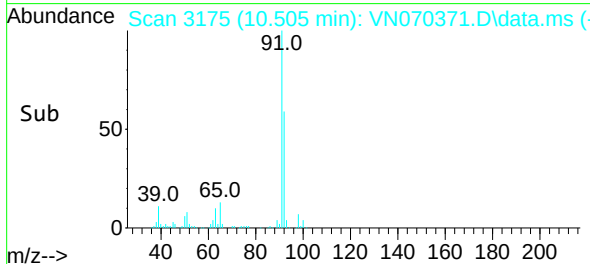
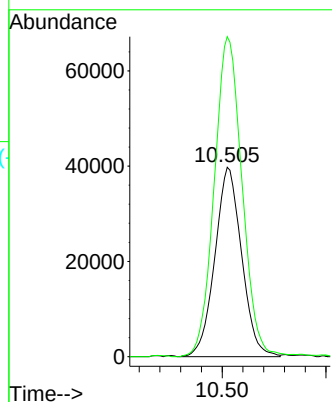
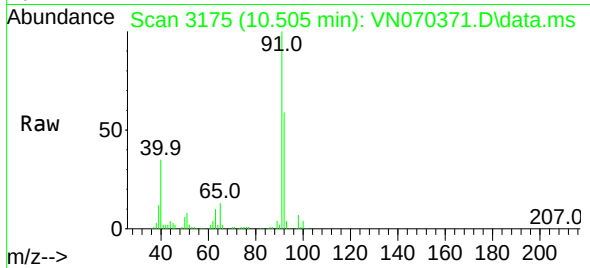




#52
Toluene
Concen: 2.652 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

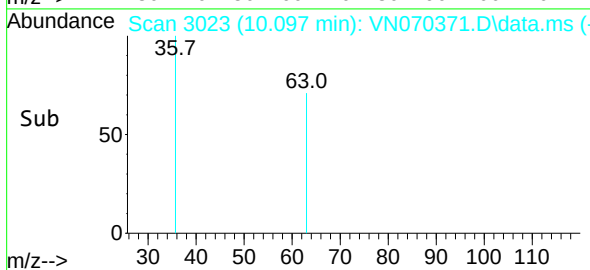
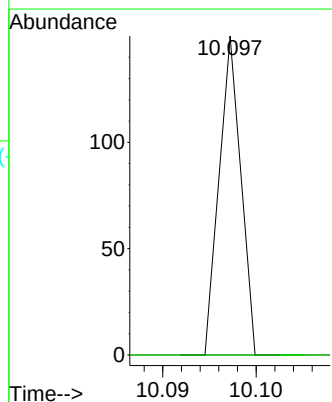
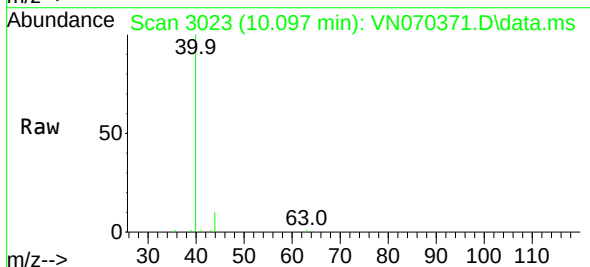
Instrument :
MSVOA_N
ClientSampleId :

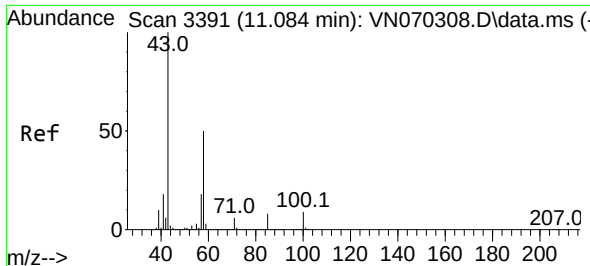
Tgt Ion: 92 Resp: 71129
Ion Ratio Lower Upper
92 100
91 175.6 142.0 213.0



#58
2-Chloroethyl Vinyl ether
Concen: 18.518 ug/l
RT: 10.097 min Scan# 3023
Delta R.T. 0.056 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

Tgt Ion: 63 Resp: 24
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

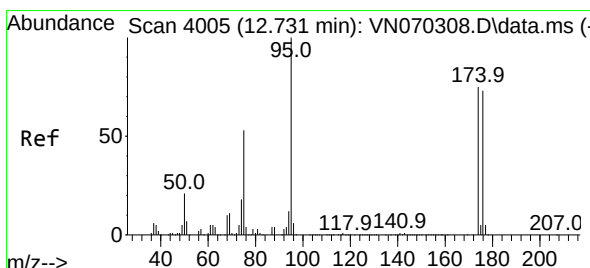
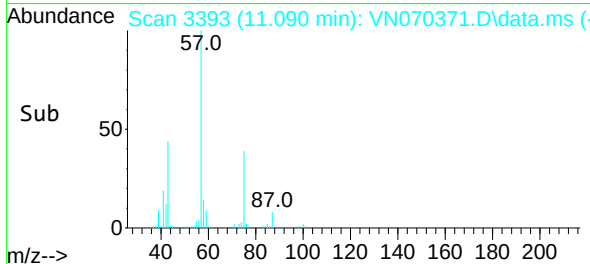
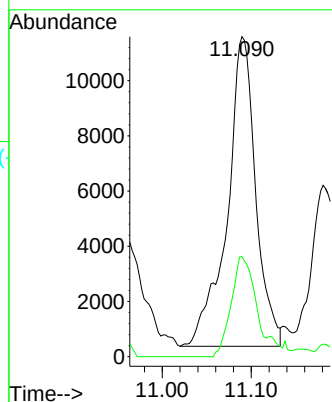
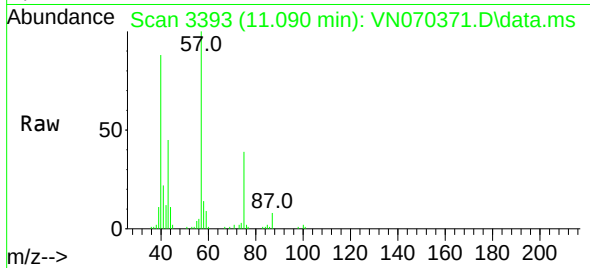




#59
2-Hexanone
Concen: 1.847 ug/l
RT: 11.090 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

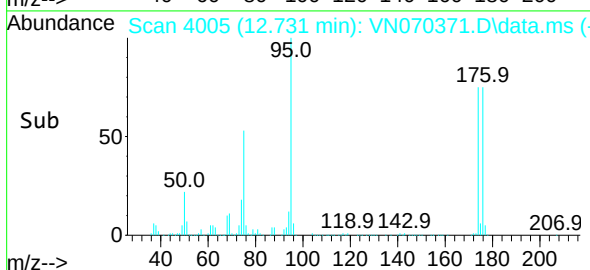
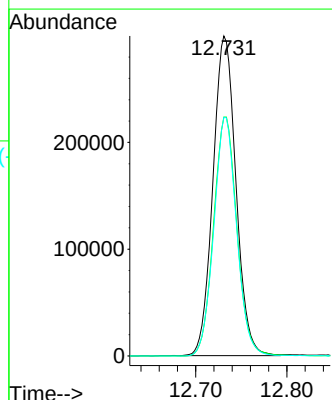
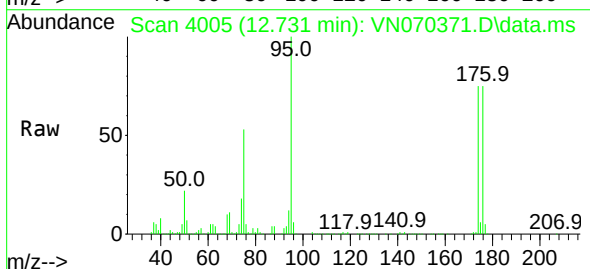
Instrument :
MSVOA_N
ClientSampleId :

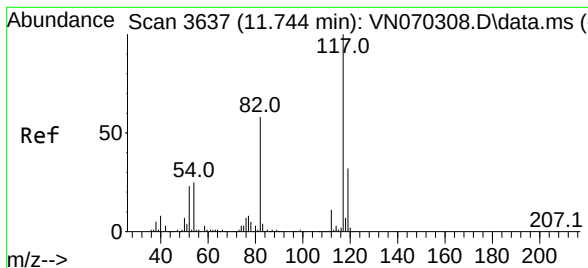
Tgt Ion: 43 Resp: 25006
Ion Ratio Lower Upper
43 100
58 26.8 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 40.696 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

Tgt Ion: 95 Resp: 524623
Ion Ratio Lower Upper
95 100
174 75.8 0.0 187.2
176 74.2 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3637

Delta R.T. -0.000 min

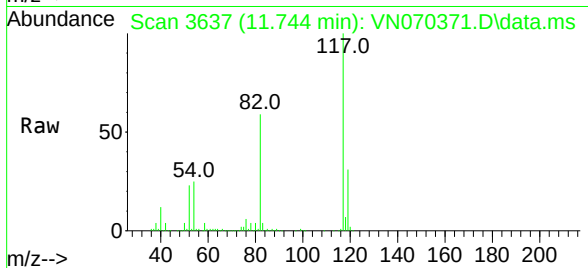
Lab File: VN070371.D

Acq: 30 Dec 2021 2:29

Instrument :

MSVOA_N

ClientSampleId :



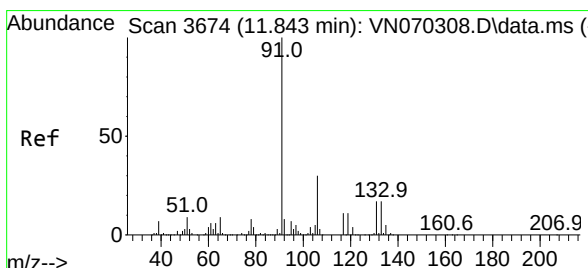
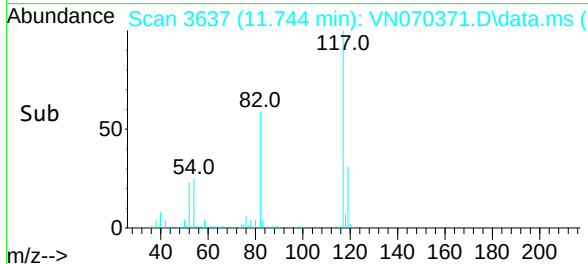
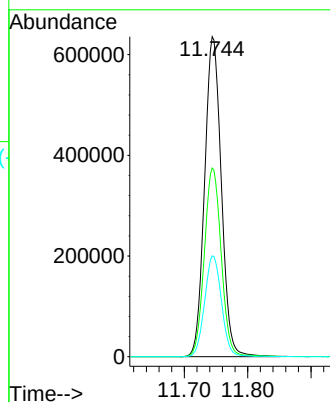
Tgt Ion:117 Resp: 1164552

Ion Ratio Lower Upper

117 100

82 59.0 42.4 63.6

119 31.5 25.4 38.2



#67

Ethyl Benzene

Concen: 0.385 ug/l

RT: 11.843 min Scan# 3674

Delta R.T. 0.000 min

Lab File: VN070371.D

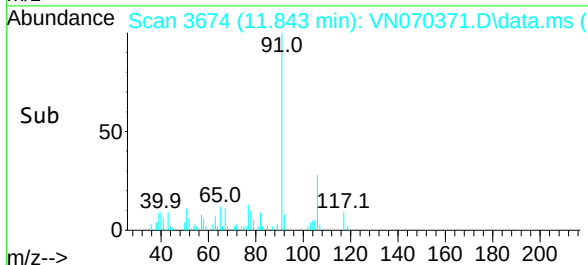
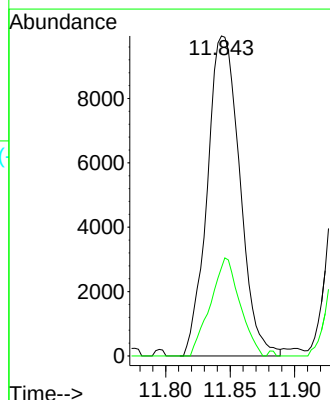
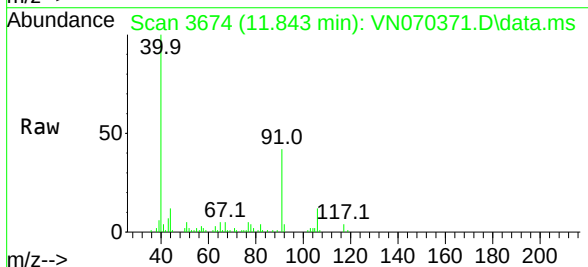
Acq: 30 Dec 2021 2:29

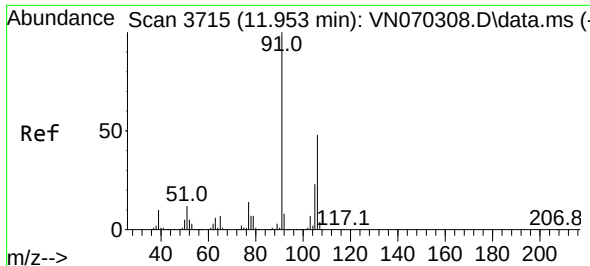
Tgt Ion: 91 Resp: 17449

Ion Ratio Lower Upper

91 100

106 27.6 25.7 38.5

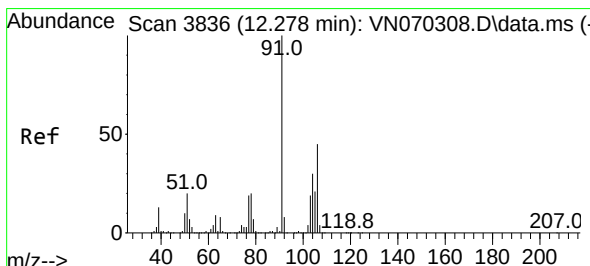
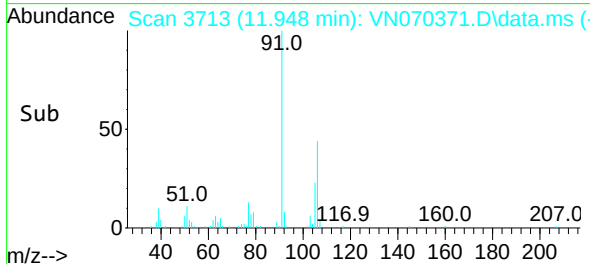
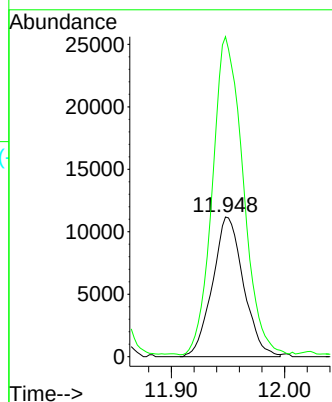
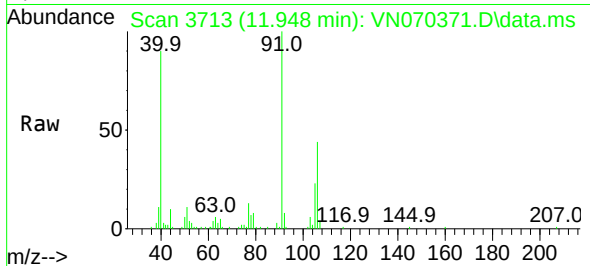




#68
m/p-Xylenes
Concen: 1.286 ug/l
RT: 11.948 min Scan# 31
Delta R.T. -0.005 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

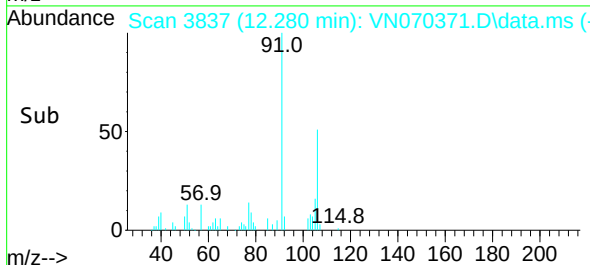
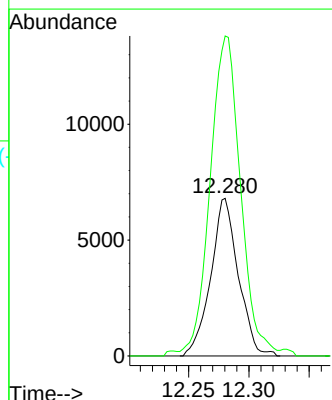
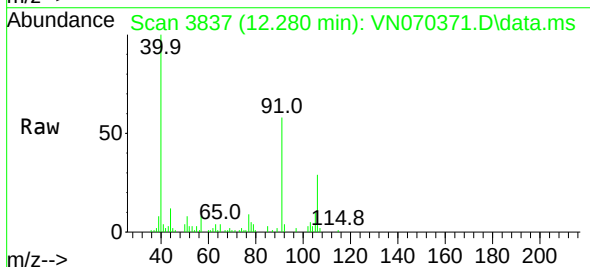
Instrument :
MSVOA_N
ClientSampleId :

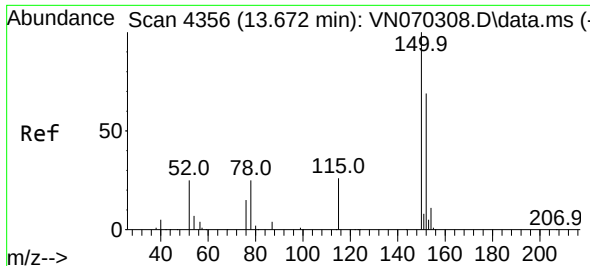
Tgt Ion:106 Resp: 21200
Ion Ratio Lower Upper
106 100
91 225.3 160.6 240.8



#69
o-Xylene
Concen: 0.661 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

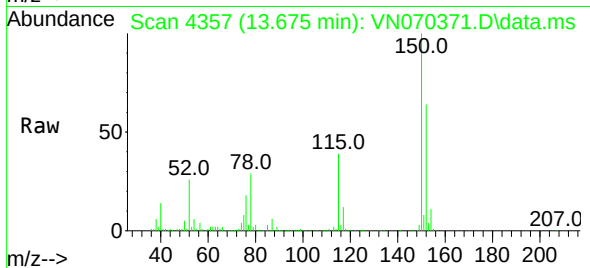
Tgt Ion:106 Resp: 10836
Ion Ratio Lower Upper
106 100
91 214.1 105.8 317.3



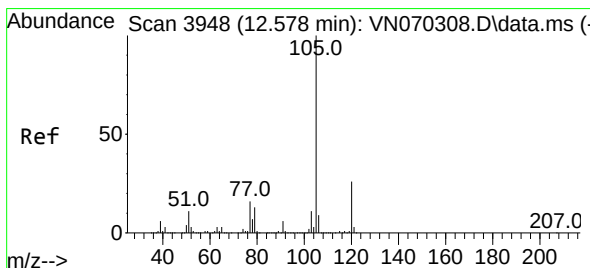
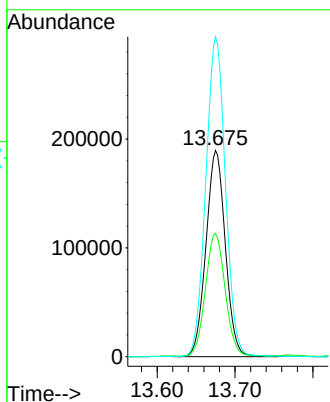
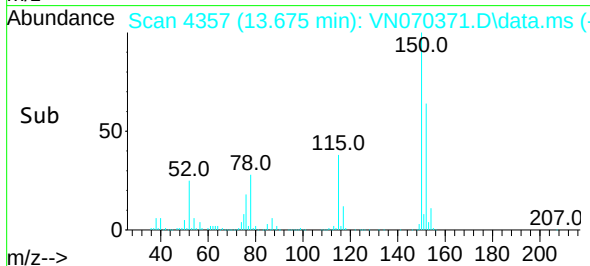


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070371.D
 Acq: 30 Dec 2021 2:29

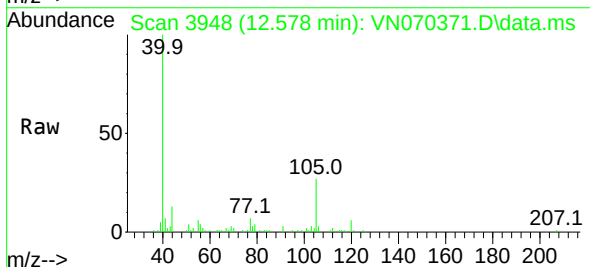
Instrument :
 MSVOA_N
 ClientSampleId :



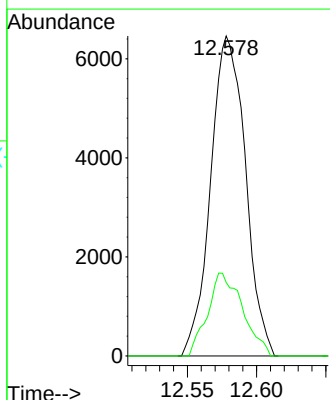
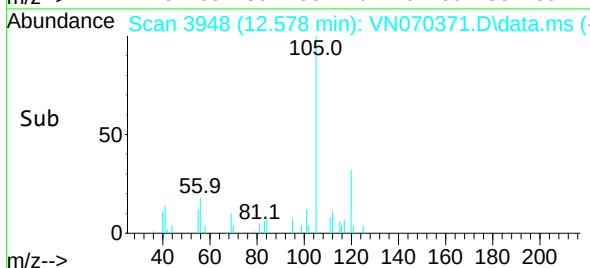
Tgt Ion:152 Resp: 328220
 Ion Ratio Lower Upper
 152 100
 115 60.0 27.5 82.5
 150 156.4 0.0 344.4

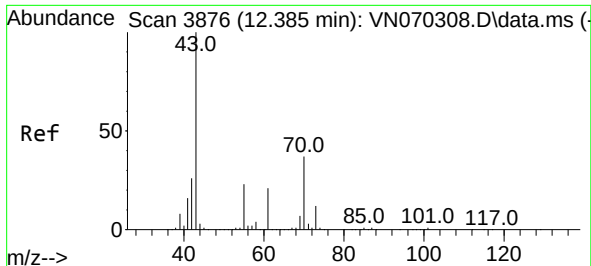


#73
 Isopropylbenzene
 Concen: 0.370 ug/l
 RT: 12.578 min Scan# 3948
 Delta R.T. 0.000 min
 Lab File: VN070371.D
 Acq: 30 Dec 2021 2:29



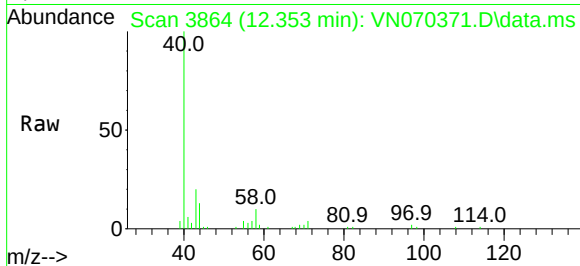
Tgt Ion:105 Resp: 11279
 Ion Ratio Lower Upper
 105 100
 120 26.0 13.4 40.1



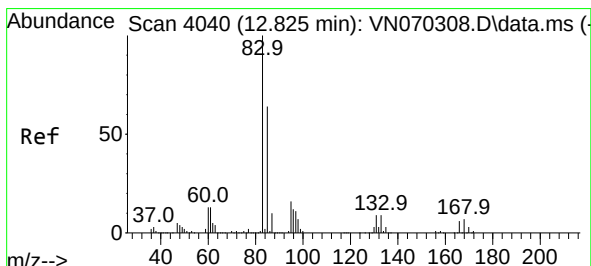
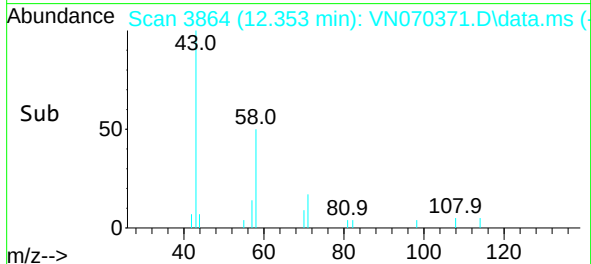
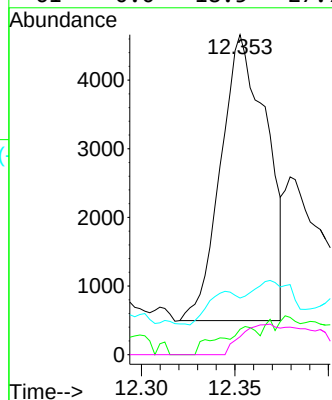


#74
N-amy1 acetate
Concen: 0.554 ug/l
RT: 12.353 min Scan# 3864
Delta R.T. -0.032 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

Instrument :
MSVOA_N
ClientSampleId :

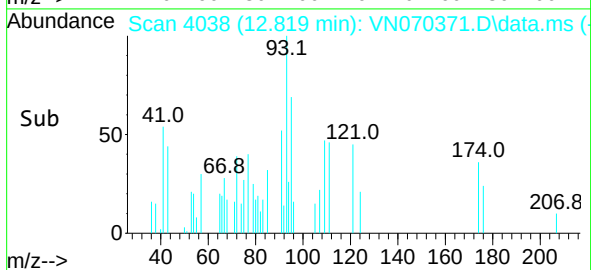
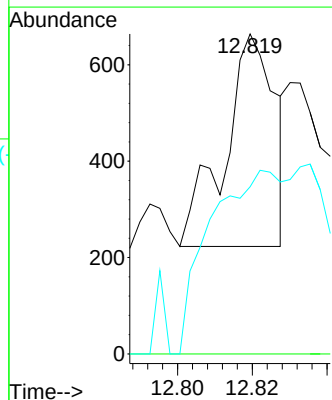
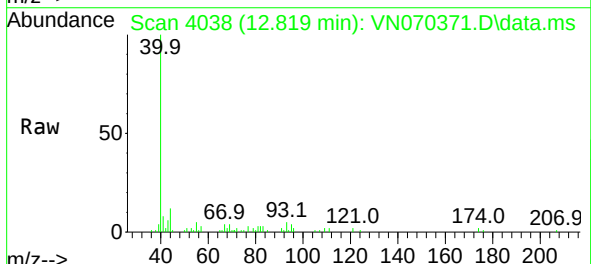


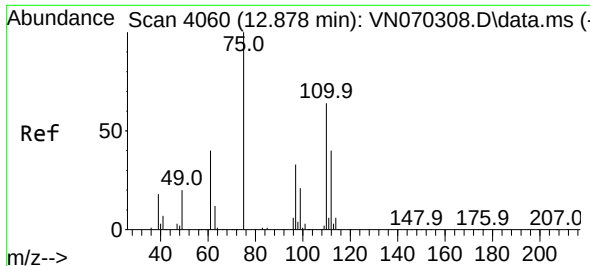
Tgt Ion: 43	Resp: 7099
Ion Ratio	Lower Upper
43 100	
70 8.2	33.4 50.0#
55 7.9	19.3 28.9#
61 0.0	18.5 27.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.484 ug/l
RT: 12.819 min Scan# 4038
Delta R.T. -0.006 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

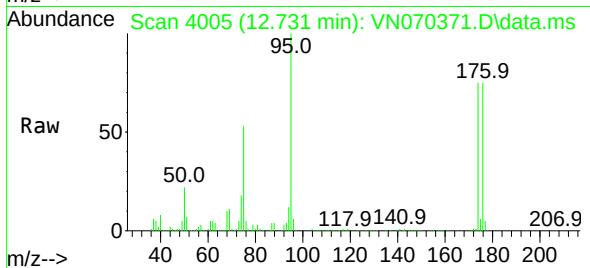
Tgt Ion: 83	Resp: 413
Ion Ratio	Lower Upper
83 100	
131 0.0	5.5 16.5#
85 120.8	32.4 97.2#



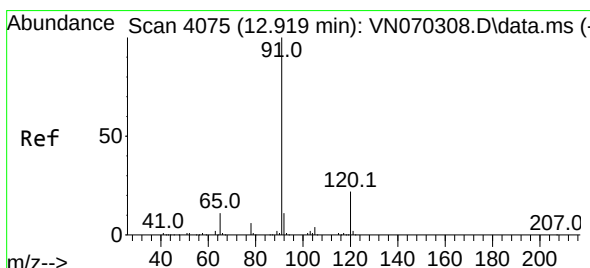
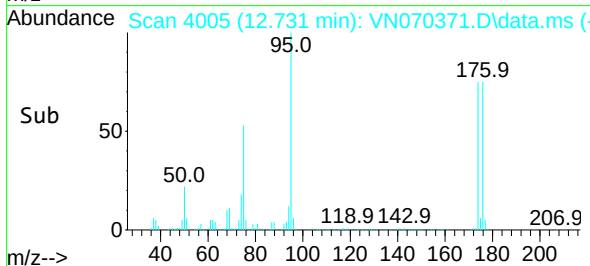
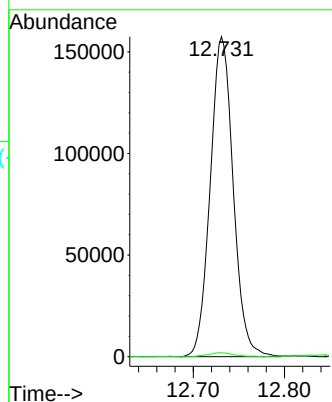


#76
1,2,3-Trichloropropane
Concen: 29.550 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

Instrument :
MSVOA_N
ClientSampleId :

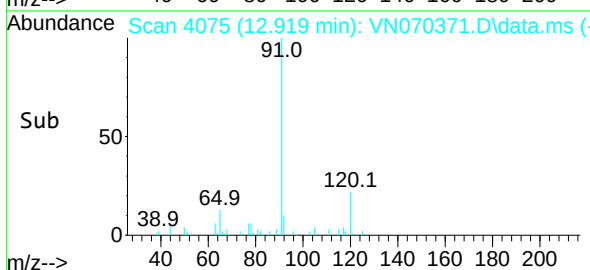
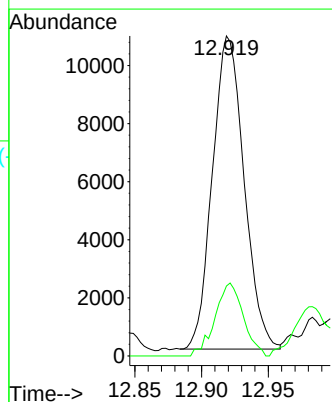
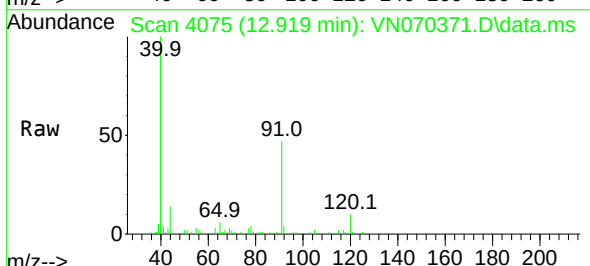


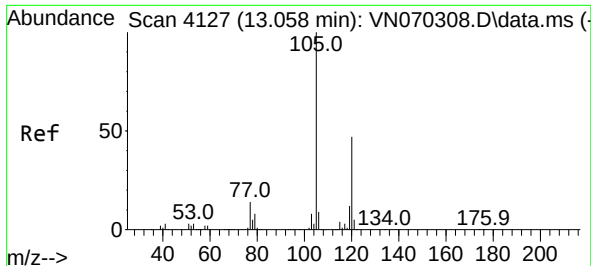
Tgt Ion: 75 Resp: 275638
Ion Ratio Lower Upper
75 100
77 1.4 82.6 247.8#



#78
n-propylbenzene
Concen: 0.527 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

Tgt Ion: 91 Resp: 17786
Ion Ratio Lower Upper
91 100
120 20.7 11.9 35.9

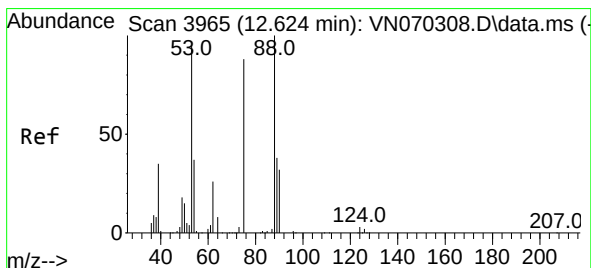
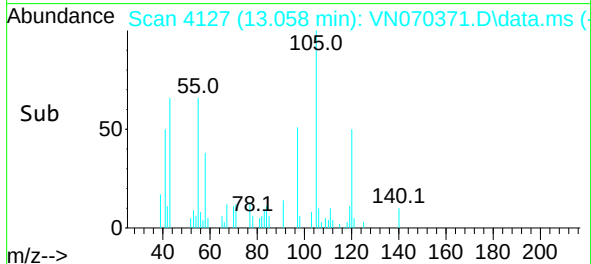
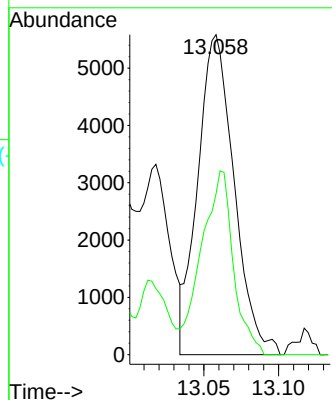
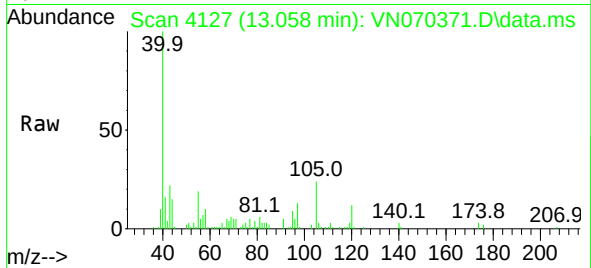




#80
1,3,5-Trimethylbenzene
Concen: 0.387 ug/l
RT: 13.058 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

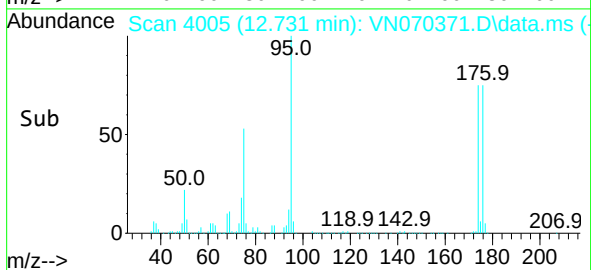
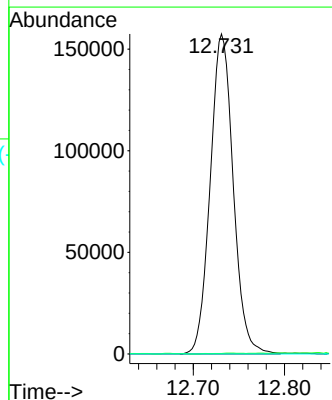
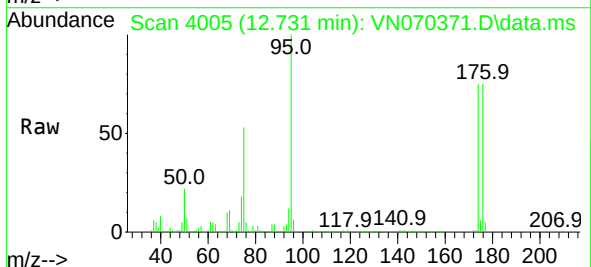
Instrument :
MSVOA_N
ClientSampleId :

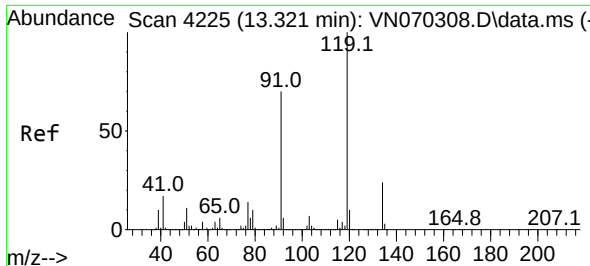
Tgt Ion:105 Resp: 9441
Ion Ratio Lower Upper
105 100
120 50.3 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 102.604 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

Tgt Ion: 75 Resp: 275638
Ion Ratio Lower Upper
75 100
53 0.2 90.5 135.7#
89 0.0 38.2 57.4#

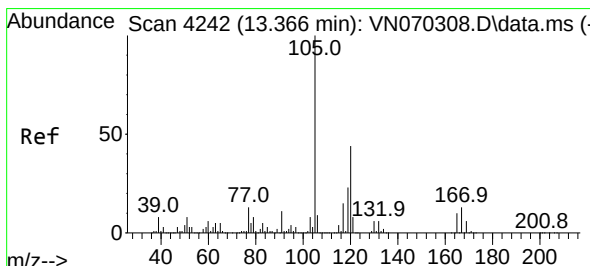
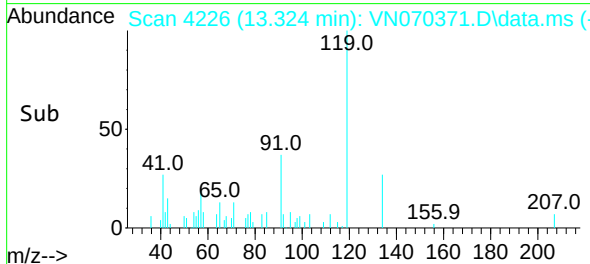
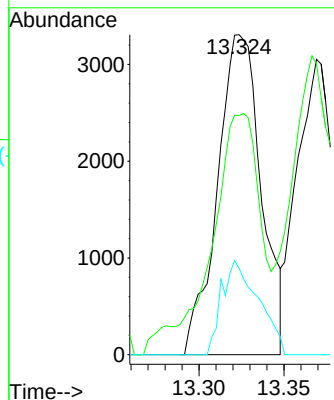
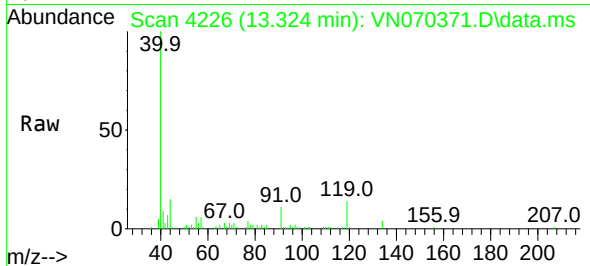




#83
tert-Butylbenzene
Concen: 0.276 ug/l
RT: 13.324 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

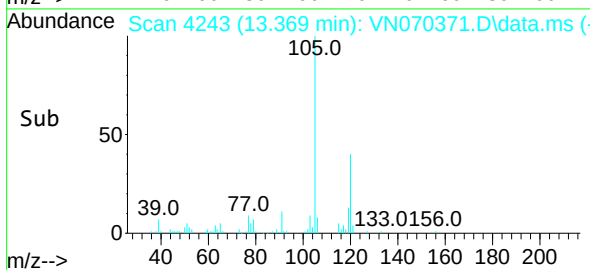
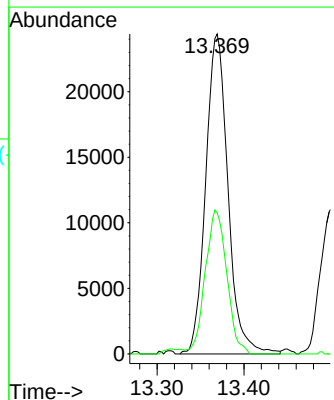
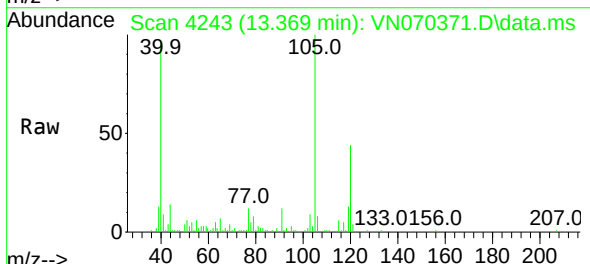
Instrument :
MSVOA_N
ClientSampleId :

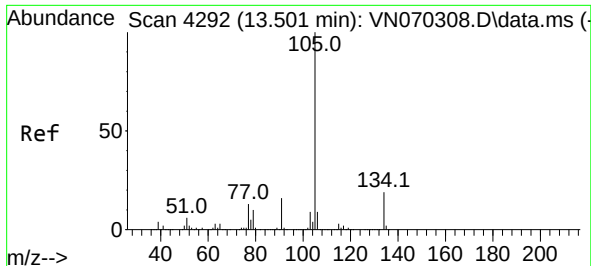
Tgt Ion:119	Resp:	5941
Ion Ratio	Lower	Upper
119	100	
91	84.0	31.5 94.5
134	24.6	12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 1.845 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.003 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

Tgt Ion:105	Resp:	43401
Ion Ratio	Lower	Upper
105	100	
120	43.6	22.8 68.4

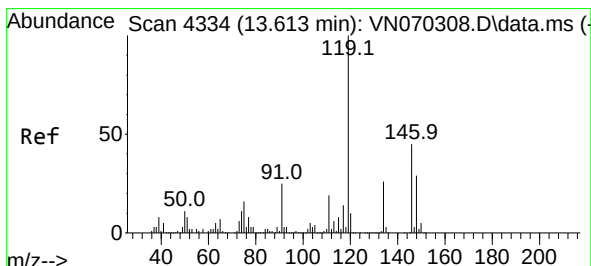
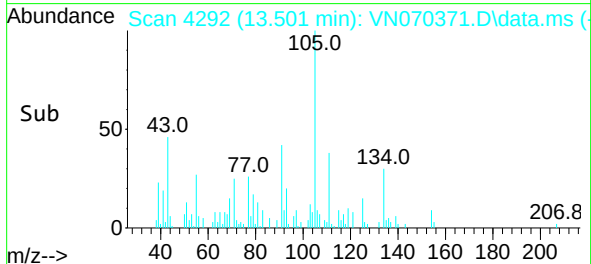
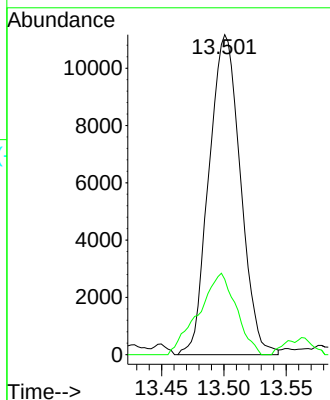
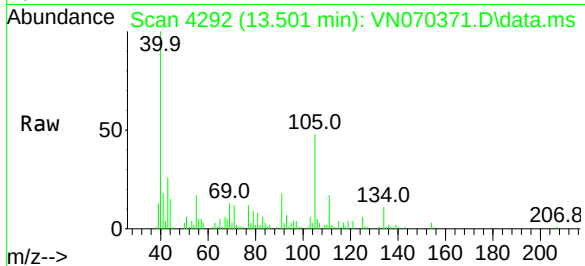




#85
 sec-Butylbenzene
 Concen: 0.672 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VN070371.D
 Acq: 30 Dec 2021 2:29

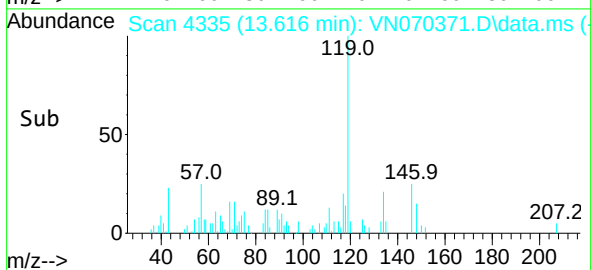
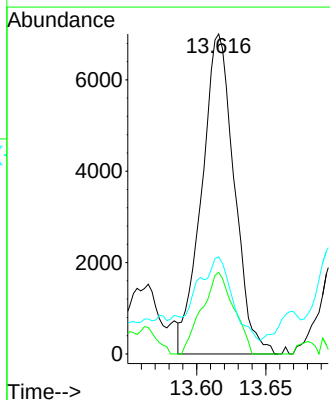
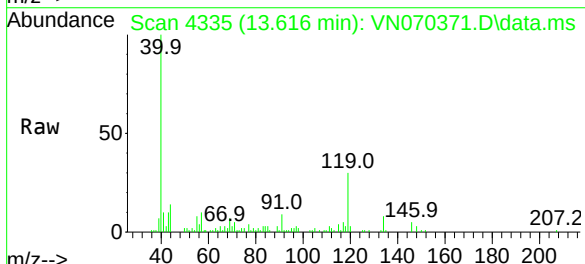
Instrument :
 MSVOA_N
 ClientSampleId :

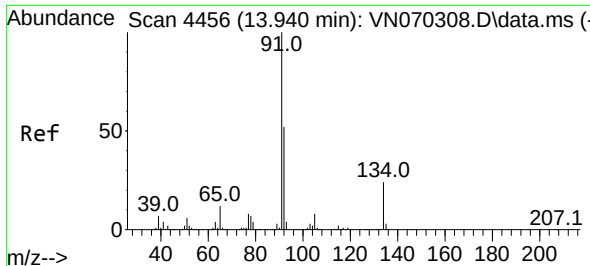
Tgt Ion:105 Resp: 19634
 Ion Ratio Lower Upper
 105 100
 134 30.2 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 0.498 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.003 min
 Lab File: VN070371.D
 Acq: 30 Dec 2021 2:29

Tgt Ion:119 Resp: 11419
 Ion Ratio Lower Upper
 119 100
 134 24.9 13.6 40.7
 91 27.8 11.4 34.1

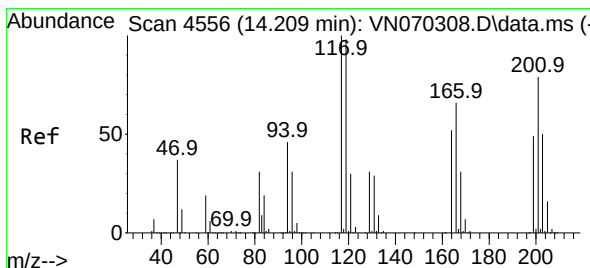
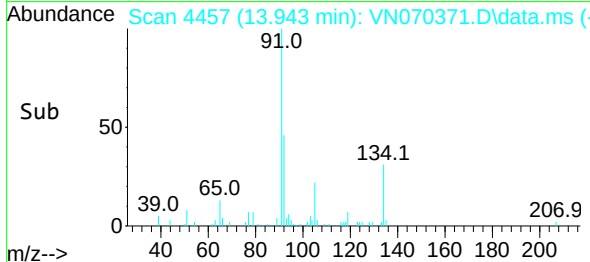
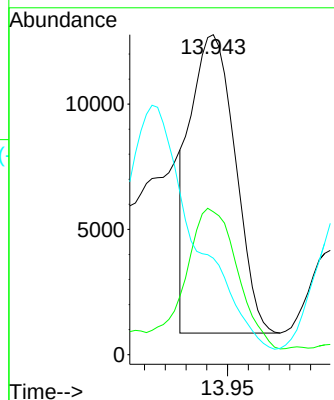
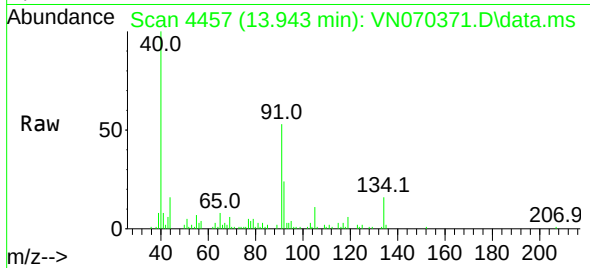




#89
n-Butylbenzene
Concen: 0.930 ug/l
RT: 13.943 min Scan# 4456
Delta R.T. 0.003 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

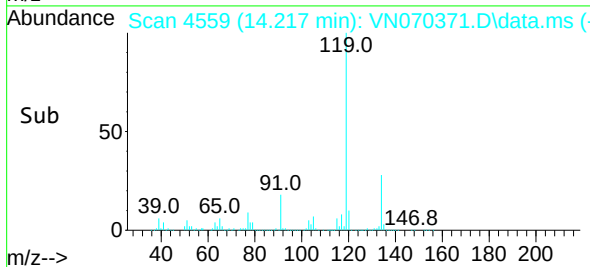
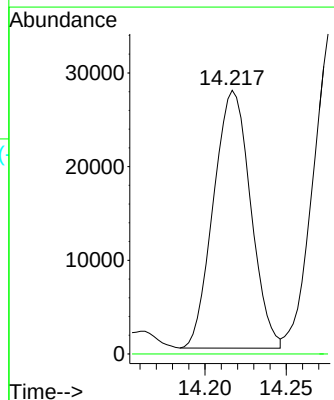
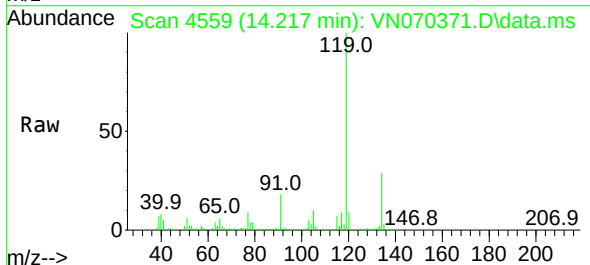
Instrument :
MSVOA_N
ClientSampleId :

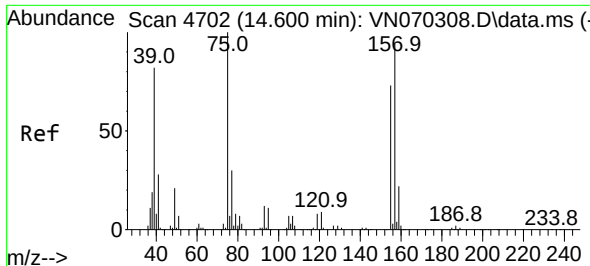
Tgt Ion: 91 Resp: 17798
Ion Ratio Lower Upper
91 100
92 56.2 25.4 76.0
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 10.983 ug/l
RT: 14.217 min Scan# 4559
Delta R.T. 0.008 min
Lab File: VN070371.D
Acq: 30 Dec 2021 2:29

Tgt Ion: 117 Resp: 43764
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#

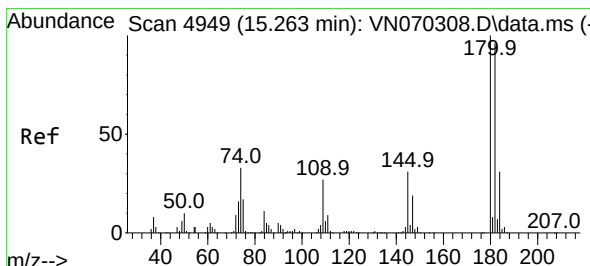
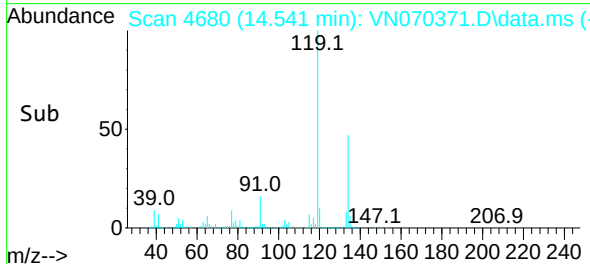
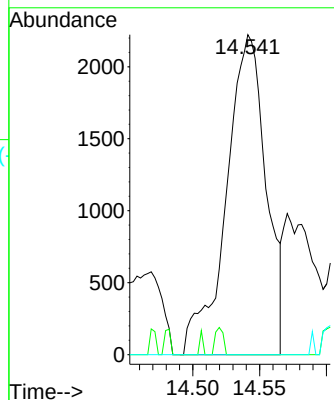
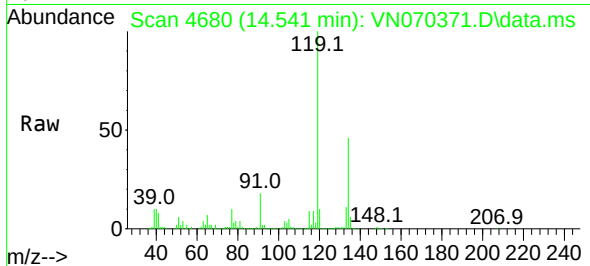




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.618 ug/l
 RT: 14.541 min Scan# 4680
 Delta R.T. -0.059 min
 Lab File: VN070371.D
 Acq: 30 Dec 2021 2:29

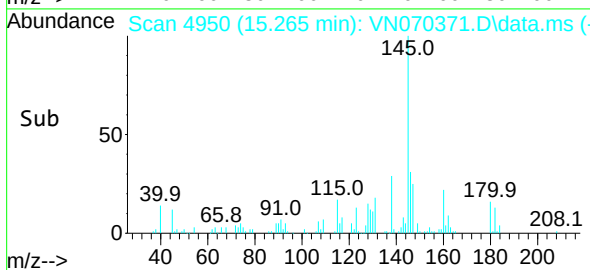
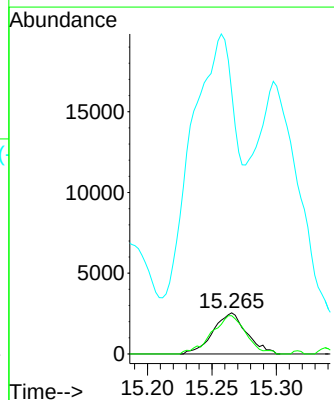
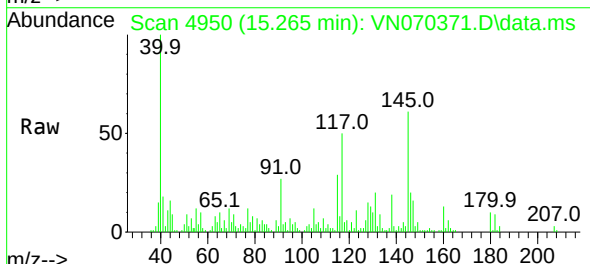
Instrument :
 MSVOA_N
 ClientSampleId :

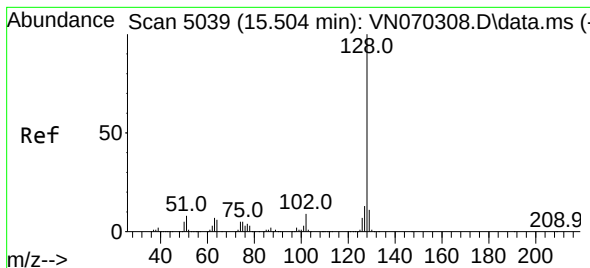
Tgt Ion: 75 Resp: 4623
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.9 140.7#
 157 0.0 60.6 181.7#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.853 ug/l
 RT: 15.265 min Scan# 4950
 Delta R.T. 0.002 min
 Lab File: VN070371.D
 Acq: 30 Dec 2021 2:29

Tgt Ion:180 Resp: 4617
 Ion Ratio Lower Upper
 180 100
 182 94.8 48.3 144.9
 145 842.5 14.5 43.5#





#95

Naphthalene

Concen: 91.896 ug/l

RT: 15.504 min Scan# 5039

Delta R.T. 0.000 min

Lab File: VN070371.D

Acq: 30 Dec 2021 2:29

Instrument :

MSVOA_N

ClientSampleId :

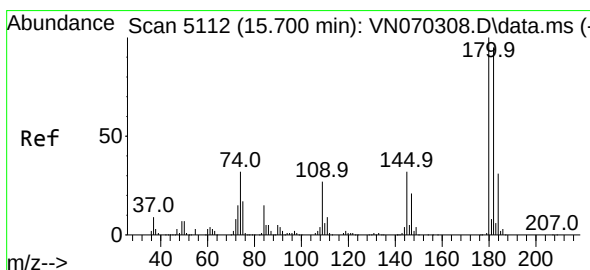
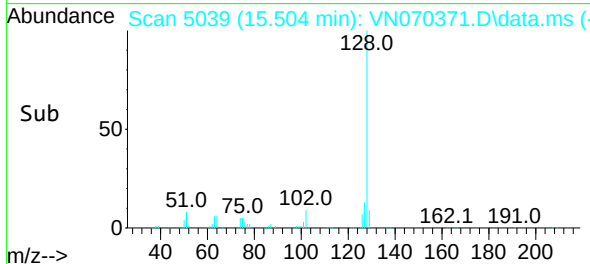
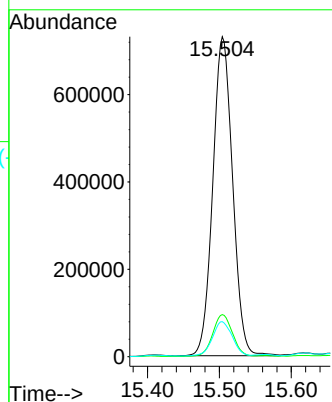
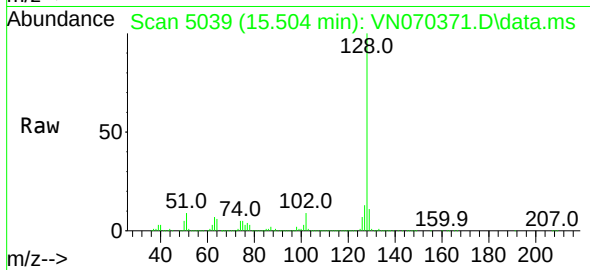
Tgt Ion:128 Resp: 1397619

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.942 ug/l

RT: 15.703 min Scan# 5113

Delta R.T. 0.003 min

Lab File: VN070371.D

Acq: 30 Dec 2021 2:29

Tgt Ion:180 Resp: 5875

Ion Ratio Lower Upper

180 100

182 85.8 47.4 142.2

145 0.0 15.0 45.1#

