

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042222\
 Data File : VN072152.D
 Acq On : 22 Apr 2022 13:22
 Operator : JC\MD
 Sample : N2482-09DL 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 23 03:15:13 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	8.080	168	397445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	628979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	544011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	187477	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	239397	52.762	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.520%	
35) Dibromofluoromethane	8.022	113	208776	56.408	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 112.820%	
50) Toluene-d8	10.439	98	751201	49.615	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.220%	
62) 4-Bromofluorobenzene	12.727	95	223558	45.655	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 91.300%	

Target Compounds				Qvalue		
3) Chloromethane	2.298	50	2419	0.604	ug/l #	85
5) Bromomethane	2.869	94	2187	0.765	ug/l	90
6) Chloroethane	2.945	64	1035	0.327	ug/l #	42
10) Methyl Iodide	4.434	142	1000	0.208	ug/l #	69
11) Tert butyl alcohol	5.322	59	4816	6.541	ug/l #	72
13) Acrolein	4.045	56	374	0.417	ug/l #	16
15) Acrylonitrile	5.569	53	717	0.335	ug/l #	21
16) Acetone	4.292	43	970	0.500	ug/l #	85
17) Carbon Disulfide	4.534	76	1732	0.230	ug/l #	75
18) Methyl Acetate	4.857	43	3145	Below Cal	#	88
20) Methylene Chloride	5.087	84	1661	0.406	ug/l #	70
25) 2-Butanone	7.333	43	1215	0.435	ug/l #	64
29) Tetrahydrofuran	7.692	42	885	0.489	ug/l #	41
31) Cyclohexane	8.080	56	9075	1.471	ug/l #	13
36) 1,1-Dichloropropene	8.086	75	24376	4.716	ug/l #	49
38) Carbon Tetrachloride	8.080	117	33989	6.710	ug/l #	16
40) Benzene	8.457	78	52607	3.222	ug/l	95
43) Isopropyl Acetate	8.569	43	2616	0.278	ug/l #	53
51) 4-Methyl-2-Pentanone	10.339	43	2407	0.445	ug/l	99
52) Toluene	10.498	92	32526	3.151	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.033	63	72	17.003	ug/l #	44
59) 2-Hexanone	11.086	43	5254	1.379	ug/l	85
67) Ethyl Benzene	11.839	91	132496	7.185	ug/l	93
68) m/p-Xylenes	11.945	106	244728	34.540	ug/l	99
69) o-Xylene	12.274	106	103859	14.768	ug/l	98
70) Styrene	12.280	104	7575	0.711	ug/l #	1
73) Isopropylbenzene	12.580	105	9135	0.578	ug/l	97
74) N-amyl acetate	12.386	43	3159	0.698	ug/l	98
76) 1,2,3-Trichloropropane	12.727	75	104306	24.017	ug/l #	1
77) Bromobenzene	12.851	156	1002	0.253	ug/l	88
78) n-propylbenzene	12.915	91	19313	1.162	ug/l	100
79) 2-Chlorotoluene	13.098	91	3039	0.285	ug/l	89
80) 1,3,5-Trimethylbenzene	13.051	105	29407	2.349	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.727	75	104306	74.427	ug/l #	10
82) 4-Chlorotoluene	13.098	91	3039	0.308	ug/l	89
84) 1,2,4-Trimethylbenzene	13.362	105	92236	7.552	ug/l	99

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 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)

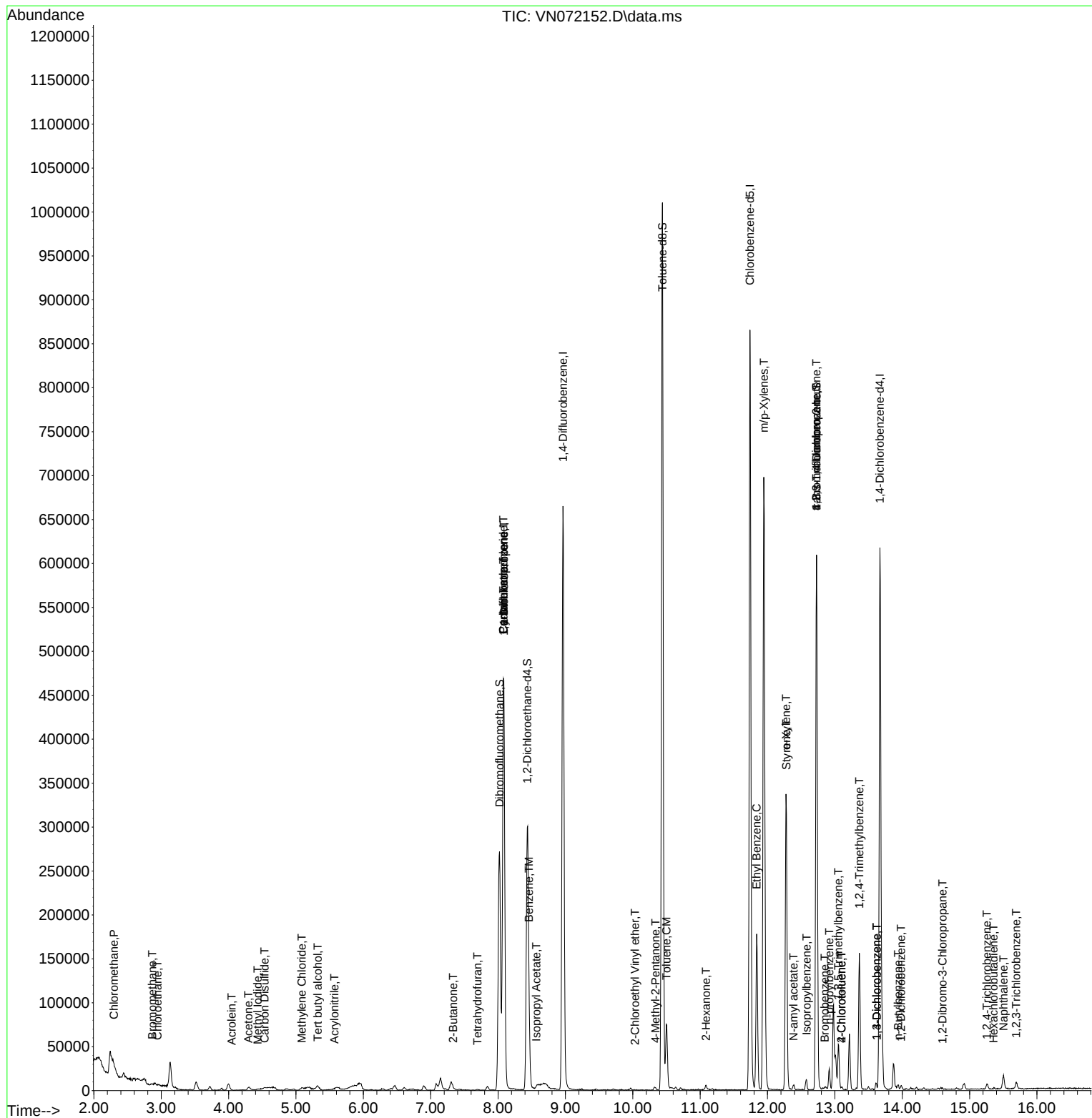
87) 1,3-Dichlorobenzene	13.621	146	2470	0.391	ug/l	98
88) 1,4-Dichlorobenzene	13.621	146	2470	0.401	ug/l	97
89) n-Butylbenzene	13.939	91	4121	0.470	ug/l	86
91) 1,2-Dichlorobenzene	13.980	146	2504	0.404	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	302	0.369	ug/l	85
93) 1,2,4-Trichlorobenzene	15.256	180	2854	3.002	ug/l	88
94) Hexachlorobutadiene	15.356	225	503	0.275	ug/l	84
95) Naphthalene	15.504	128	17367	5.682	ug/l	97
96) 1,2,3-Trichlorobenzene	15.692	180	3672	3.623	ug/l	99

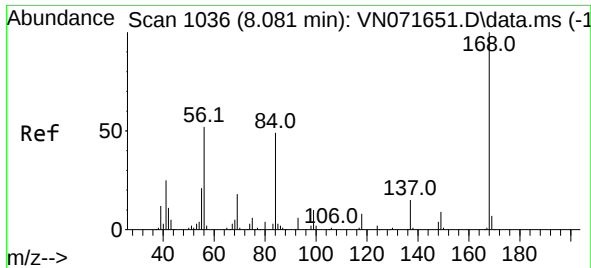
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration

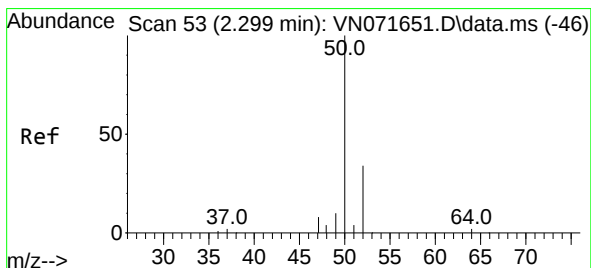
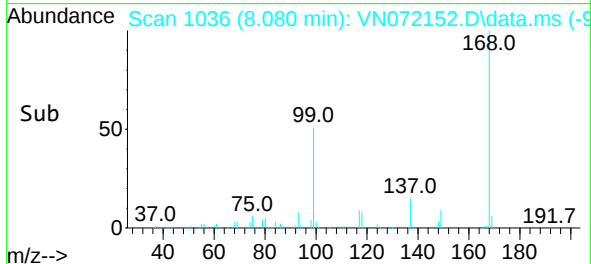
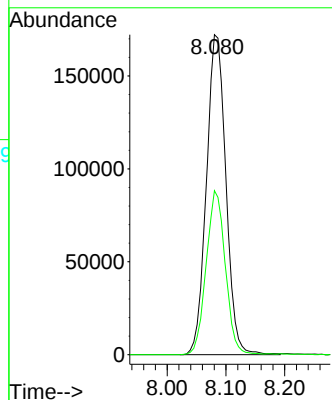
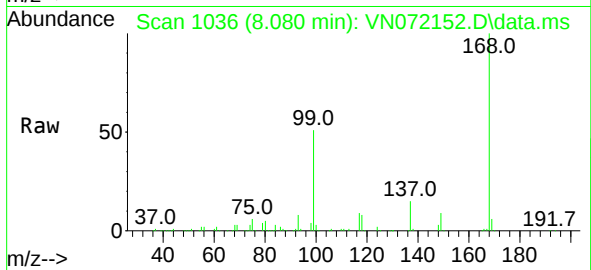




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

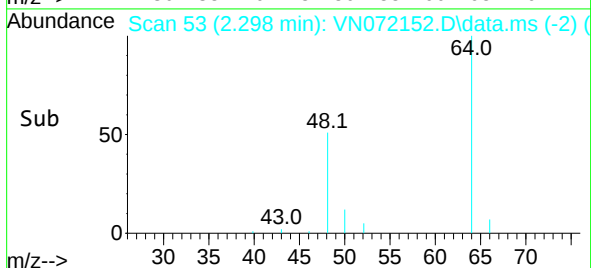
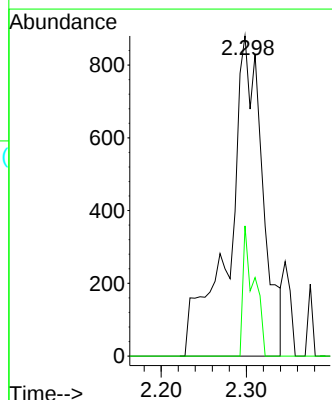
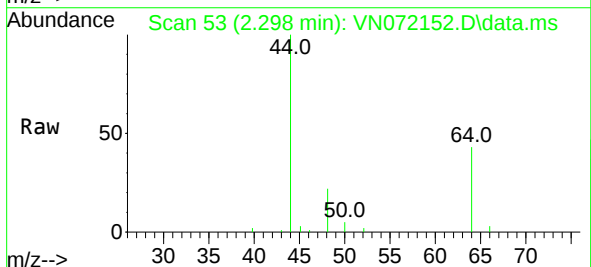
Instrument :
MSVOA_N
ClientSampleId :

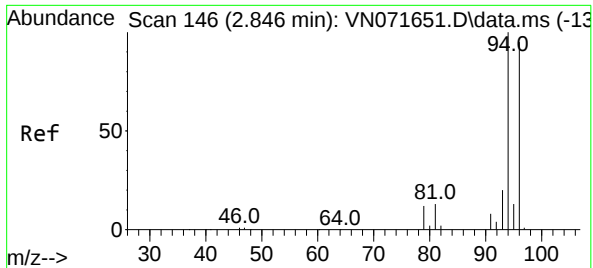
Tgt Ion:168 Resp: 397445
Ion Ratio Lower Upper
168 100
99 51.3 42.3 63.5



#3
Chloromethane
Concen: 0.604 ug/l
RT: 2.298 min Scan# 53
Delta R.T. -0.001 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

Tgt Ion: 50 Resp: 2419
Ion Ratio Lower Upper
50 100
52 40.7 25.7 38.5#

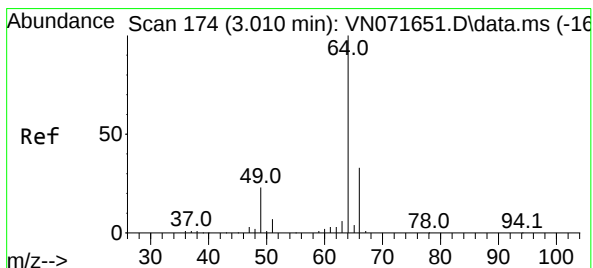
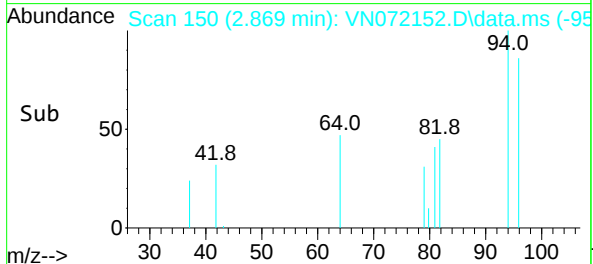
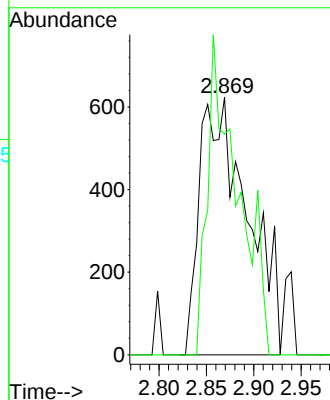
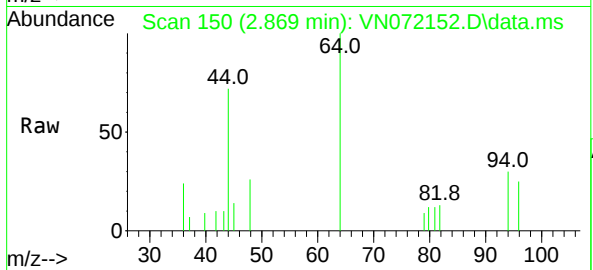




#5
Bromomethane
Concen: 0.765 ug/l
RT: 2.869 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

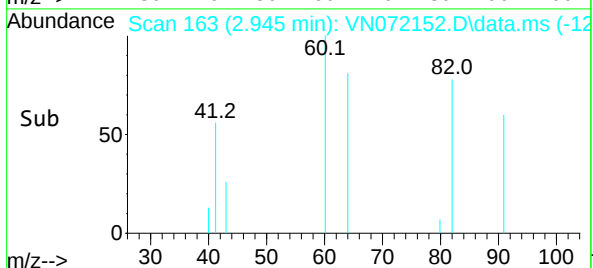
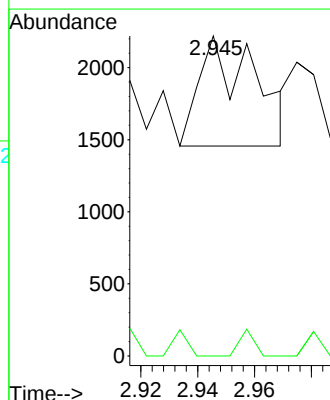
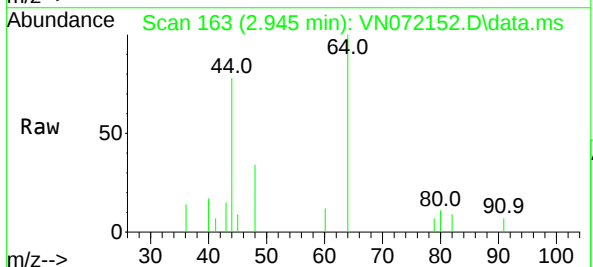
Instrument :
MSVOA_N
ClientSampleId :

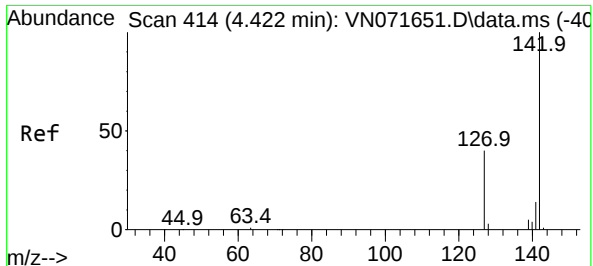
Tgt Ion: 94 Resp: 2187
Ion Ratio Lower Upper
94 100
96 85.7 76.0 114.0



#6
Chloroethane
Concen: 0.327 ug/l
RT: 2.945 min Scan# 163
Delta R.T. -0.065 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

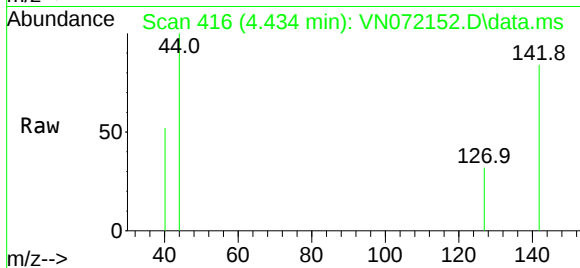
Tgt Ion: 64 Resp: 1035
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



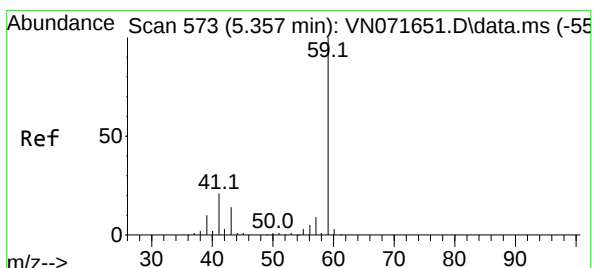
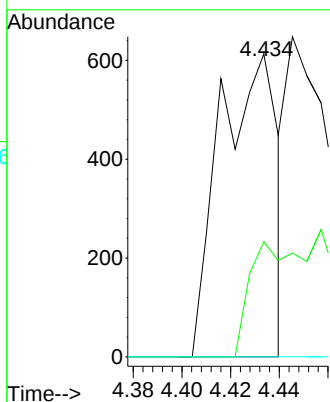
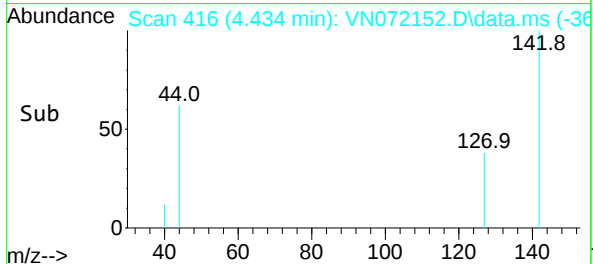


#10
Methyl Iodide
Concen: 0.208 ug/l
RT: 4.434 min Scan# 414
Delta R.T. 0.012 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :

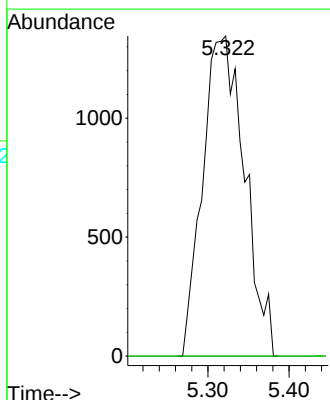
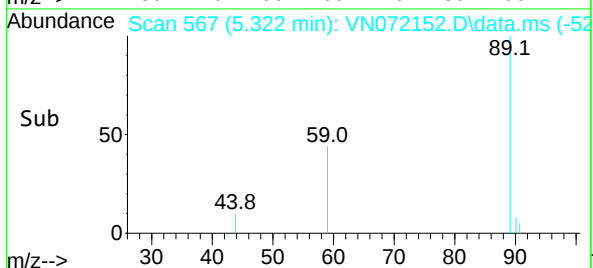
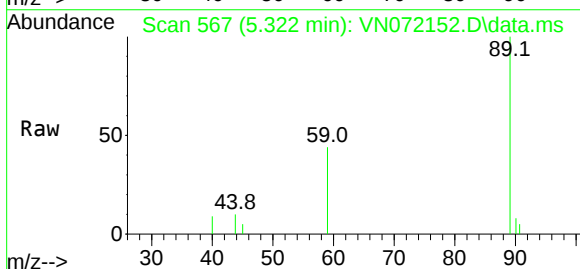


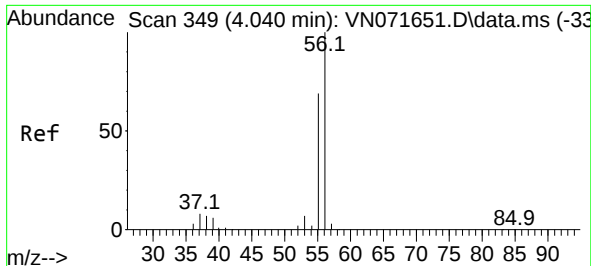
Tgt Ion:142 Resp: 1000
Ion Ratio Lower Upper
142 100
127 21.0 31.3 46.9#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 6.541 ug/l
RT: 5.322 min Scan# 567
Delta R.T. -0.035 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

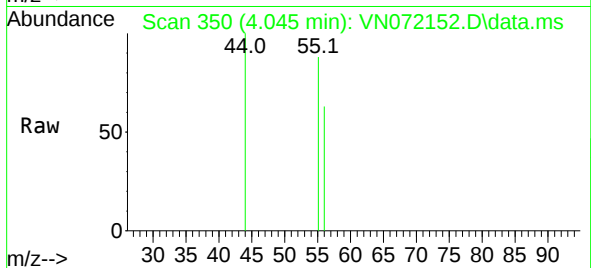
Tgt Ion: 59 Resp: 4816
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



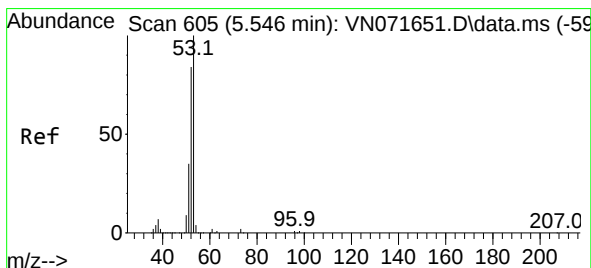
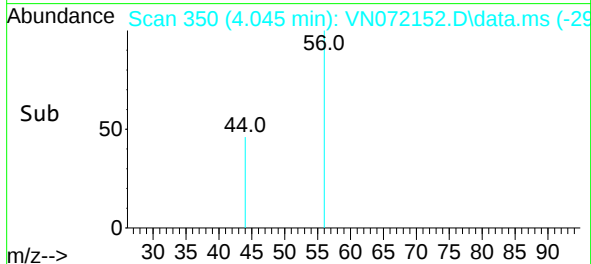
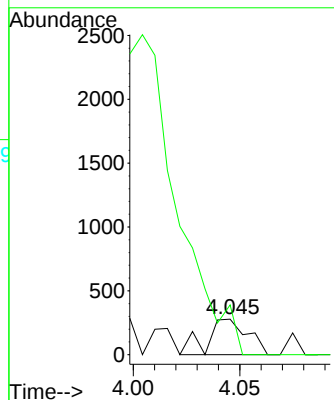


#13
Acrolein
Concen: 0.417 ug/l
RT: 4.045 min Scan# 349
Delta R.T. 0.005 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :

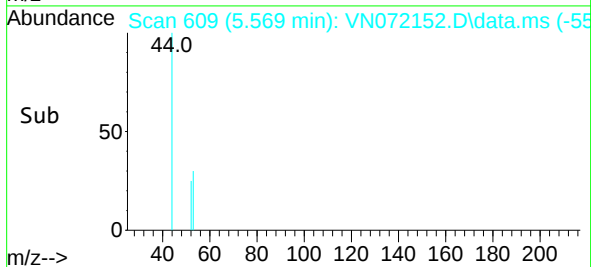
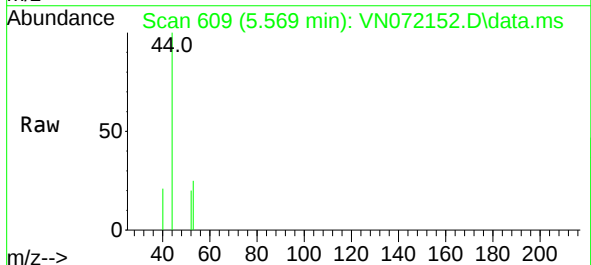
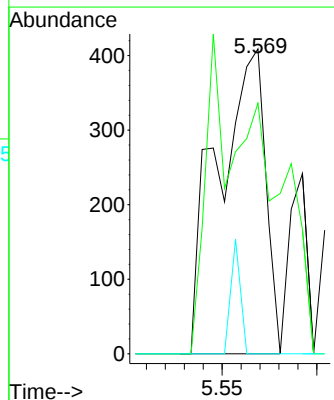


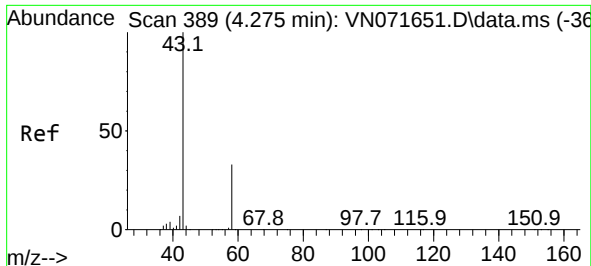
Tgt Ion: 56 Resp: 374
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#



#15
Acrylonitrile
Concen: 0.335 ug/l
RT: 5.569 min Scan# 609
Delta R.T. 0.023 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

Tgt Ion: 53 Resp: 717
Ion Ratio Lower Upper
53 100
52 0.0 66.4 99.6#
51 7.5 28.5 42.7#

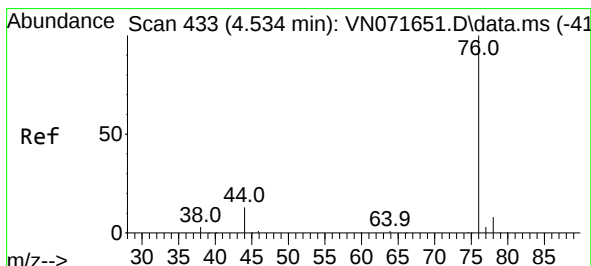
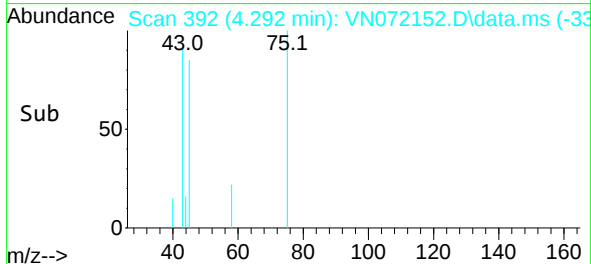
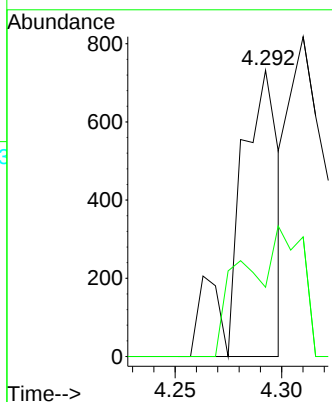
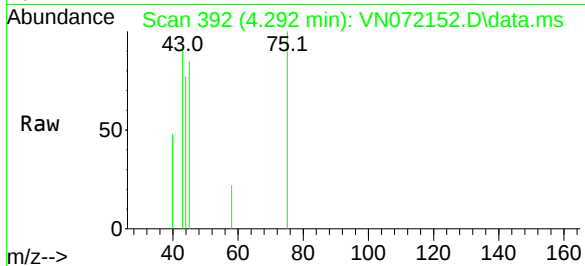




#16
Acetone
Concen: 0.500 ug/l
RT: 4.292 min Scan# 392
Delta R.T. 0.017 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

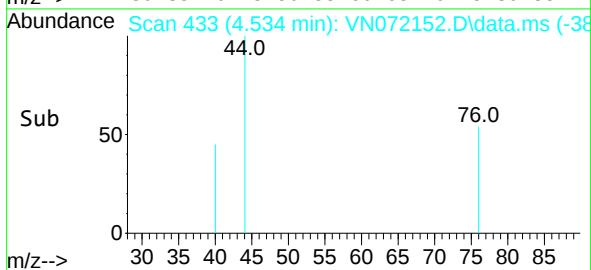
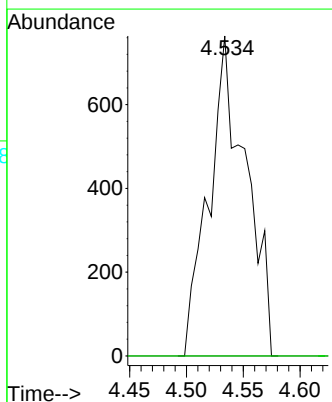
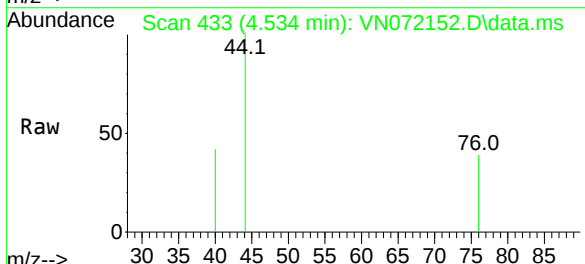
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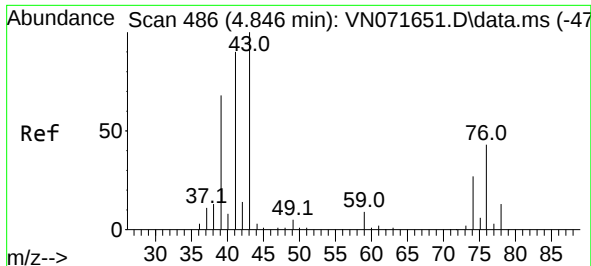
Tgt Ion: 43 Resp: 970
Ion Ratio Lower Upper
43 100
58 24.2 26.0 39.0#



#17
Carbon Disulfide
Concen: 0.230 ug/l
RT: 4.534 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

Tgt Ion: 76 Resp: 1732
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

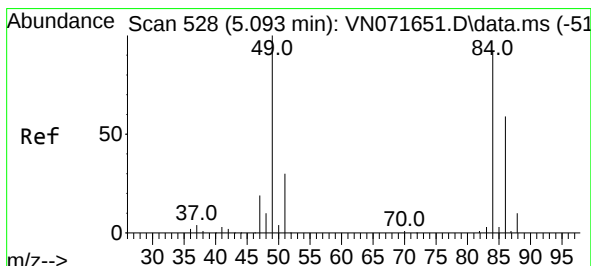
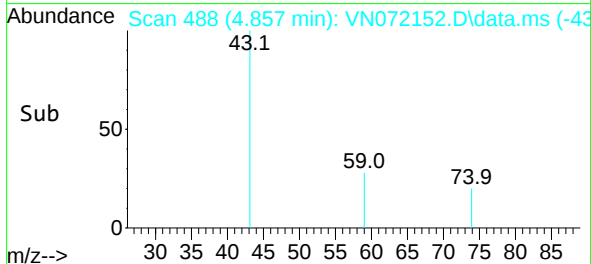
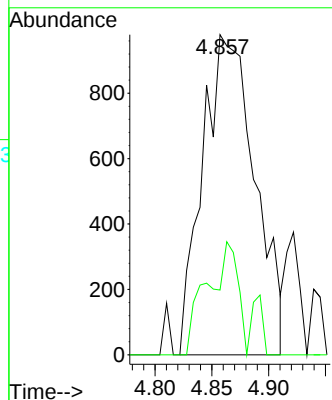
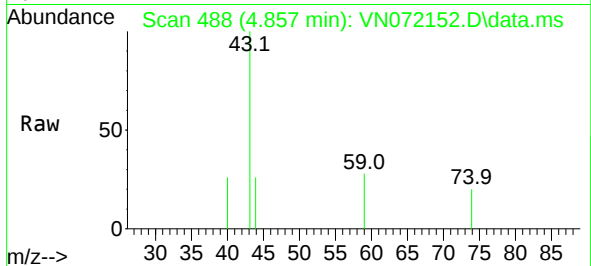




#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

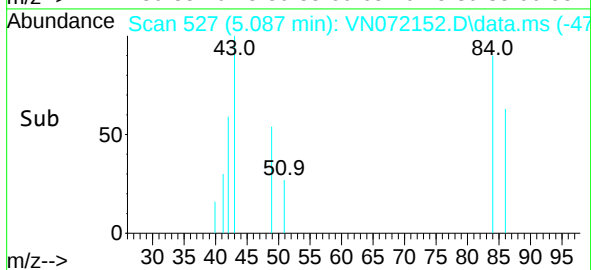
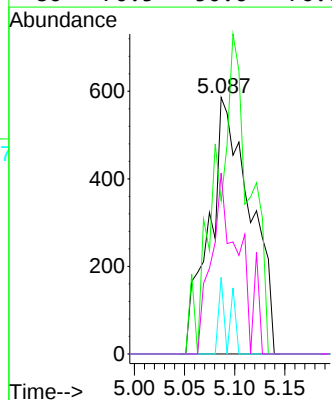
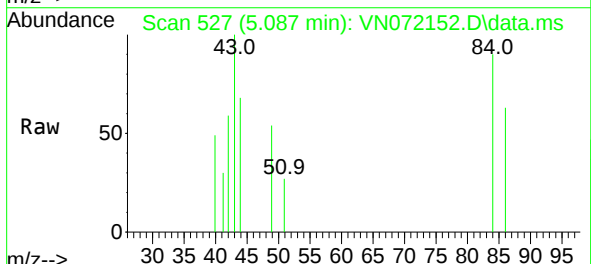
Instrument :
MSVOA_N
ClientSampleId :

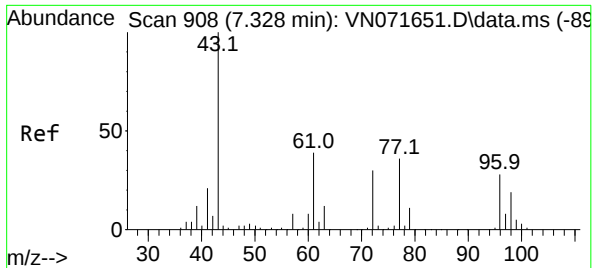
Tgt Ion: 43 Resp: 3145
Ion Ratio Lower Upper
43 100
74 20.7 21.6 32.4#



#20
Methylene Chloride
Concen: 0.406 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

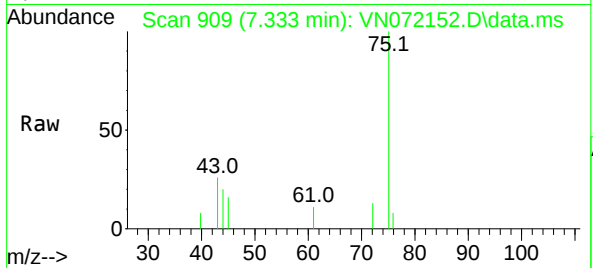
Tgt Ion: 84 Resp: 1661
Ion Ratio Lower Upper
84 100
49 59.7 88.3 132.5#
51 29.9 28.2 42.2
86 70.5 50.6 76.0



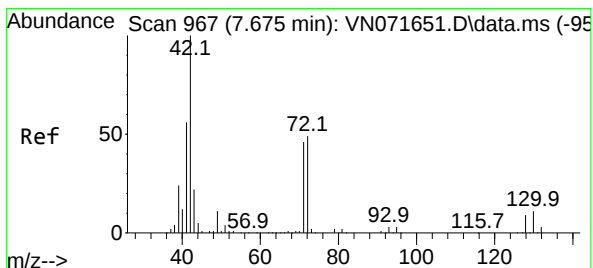
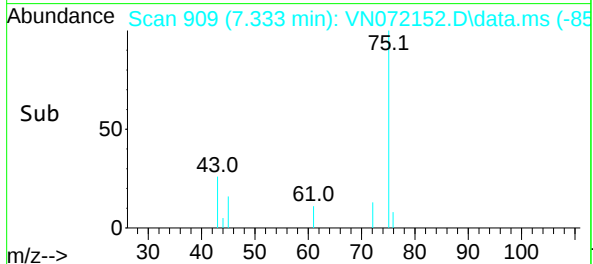
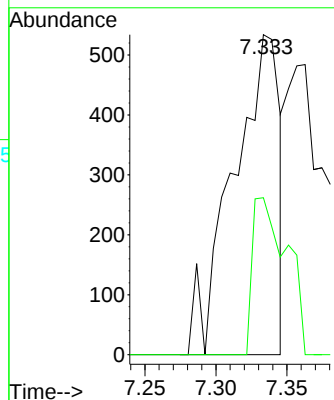


#25
2-Butanone
Concen: 0.435 ug/l
RT: 7.333 min Scan# 908
Delta R.T. 0.005 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :

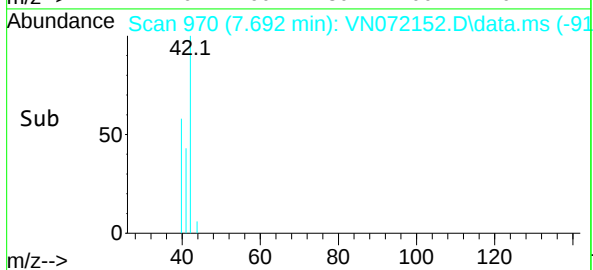
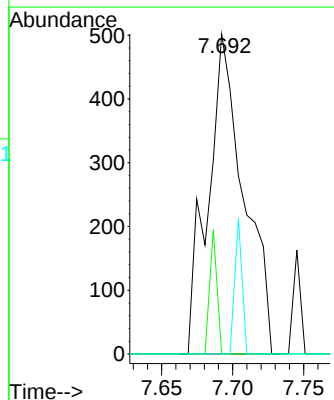
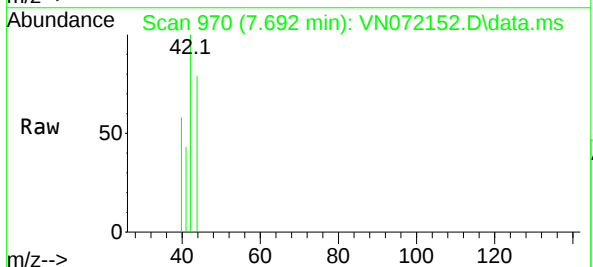


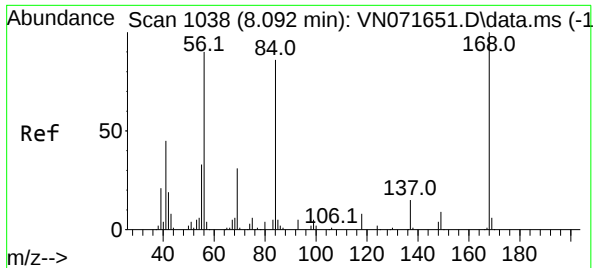
Tgt Ion: 43 Resp: 1215
Ion Ratio Lower Upper
43 100
72 49.1 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.489 ug/l
RT: 7.692 min Scan# 970
Delta R.T. 0.017 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

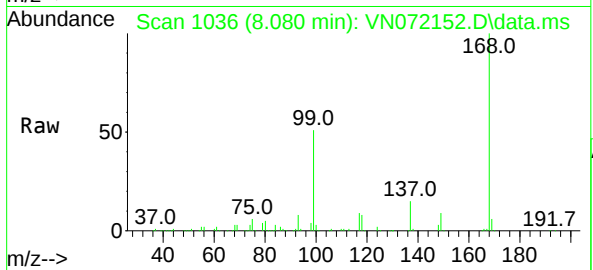
Tgt Ion: 42 Resp: 885
Ion Ratio Lower Upper
42 100
72 7.8 39.7 59.5#
71 8.5 36.6 55.0#



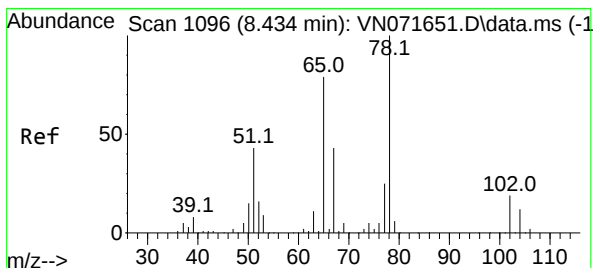
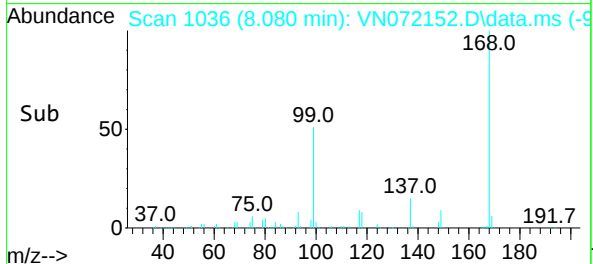
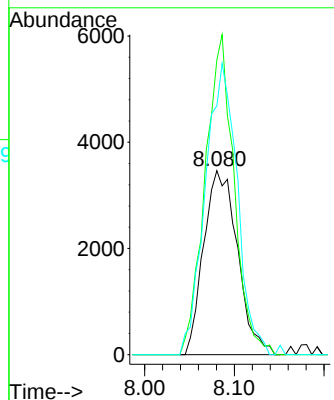


#31
Cyclohexane
Concen: 1.471 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :

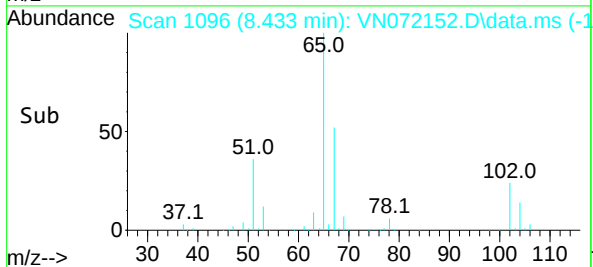
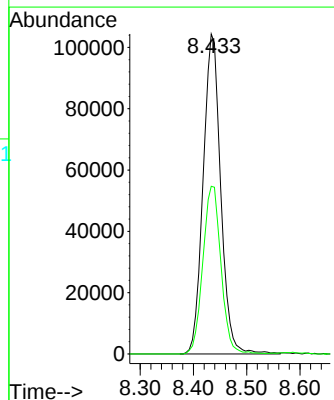
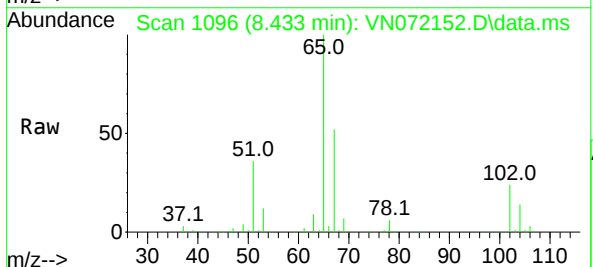


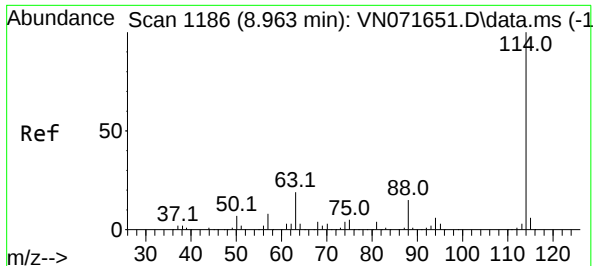
Tgt Ion: 56 Resp: 9075
Ion Ratio Lower Upper
56 100
69 160.1 27.8 41.8#
84 135.2 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 52.762 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

Tgt Ion: 65 Resp: 239397
Ion Ratio Lower Upper
65 100
67 54.1 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: VN072152.D

Acq: 22 Apr 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

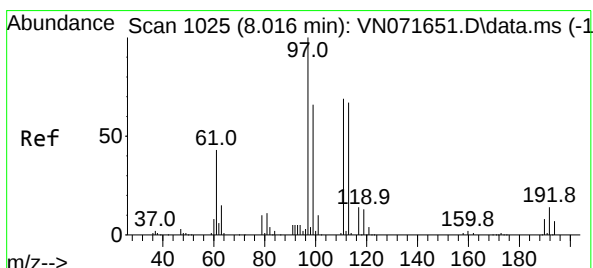
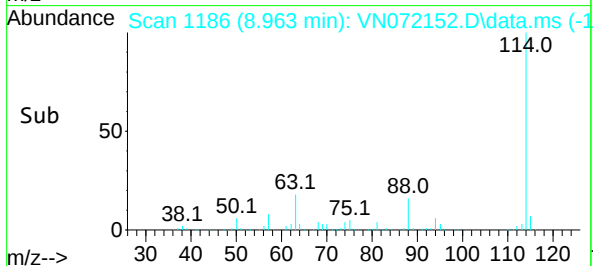
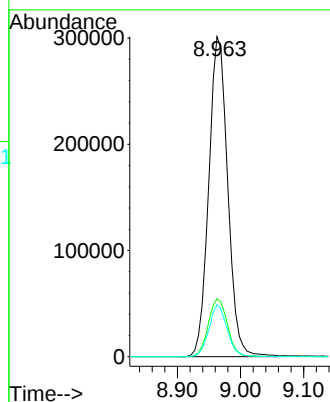
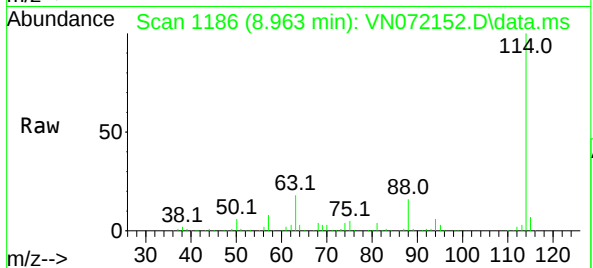
Tgt Ion:114 Resp: 628979

Ion Ratio Lower Upper

114 100

63 18.1 0.0 40.0

88 16.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 56.408 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072152.D

Acq: 22 Apr 2022 13:22

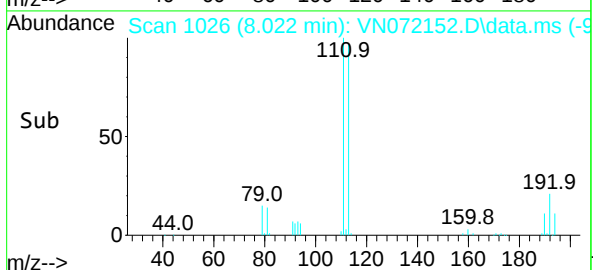
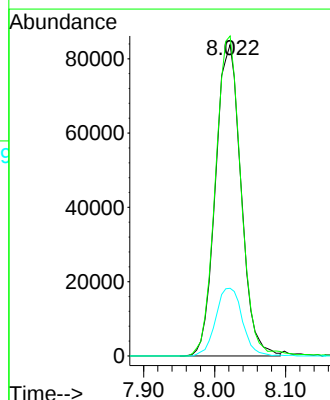
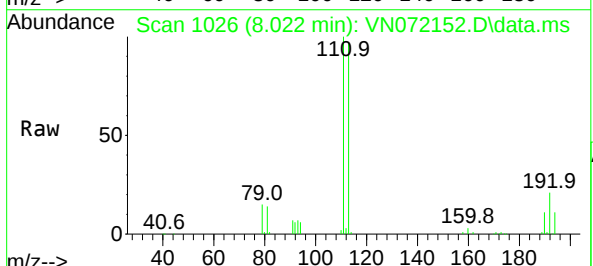
Tgt Ion:113 Resp: 208776

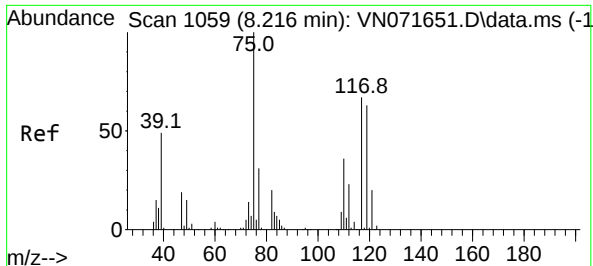
Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 22.7 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.716 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.130 min

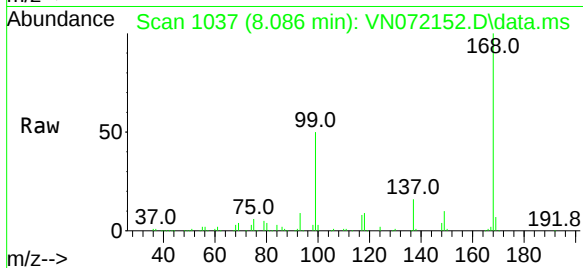
Lab File: VN072152.D

Acq: 22 Apr 2022 13:22

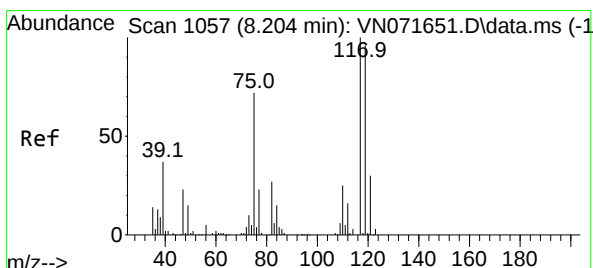
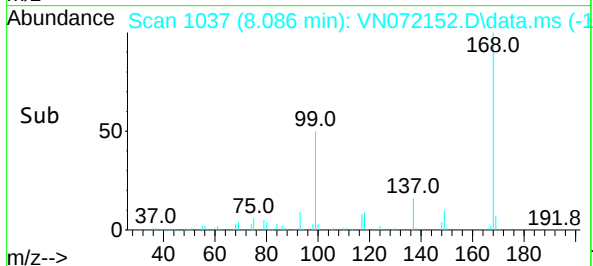
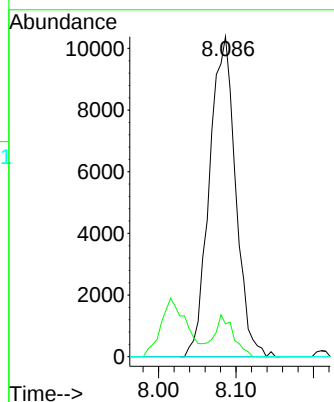
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	24376
Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.3	54.8#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 6.710 ug/l

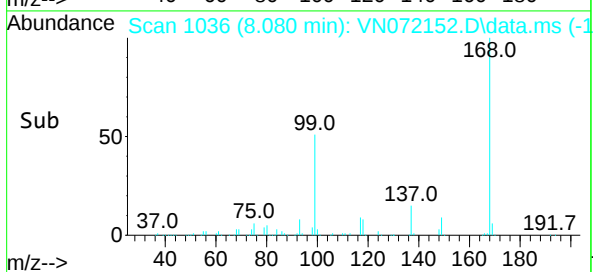
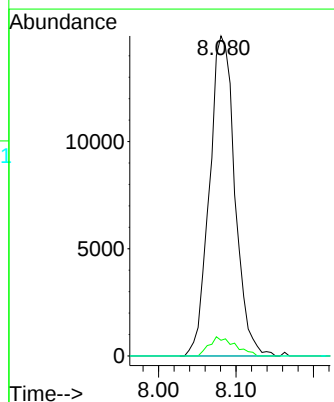
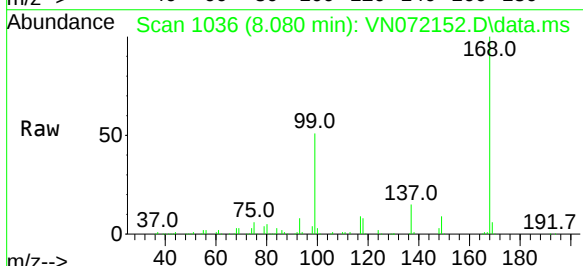
RT: 8.080 min Scan# 1036

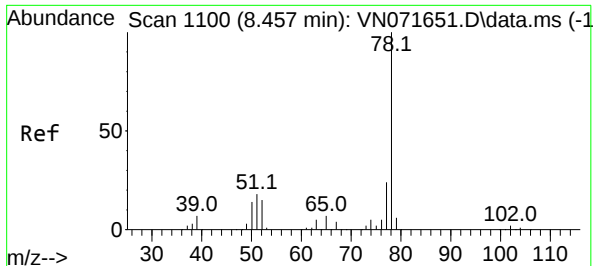
Delta R.T. -0.124 min

Lab File: VN072152.D

Acq: 22 Apr 2022 13:22

Tgt Ion:	117	Resp:	33989
Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.8	113.8#
121	0.0	24.6	37.0#

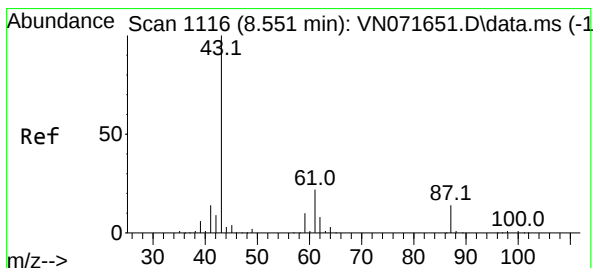
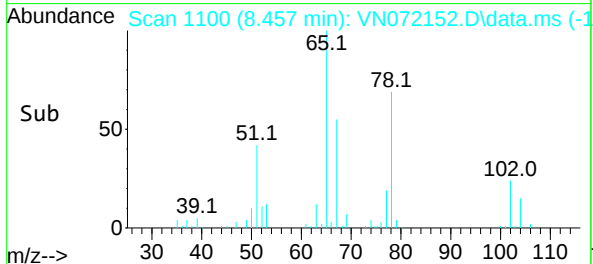
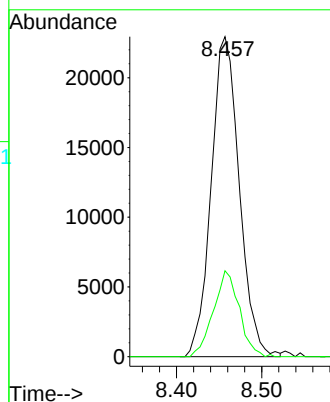
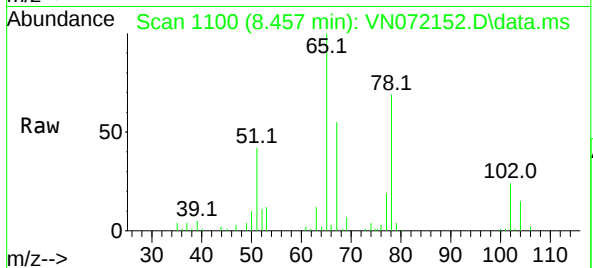




#40
Benzene
Concen: 3.222 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

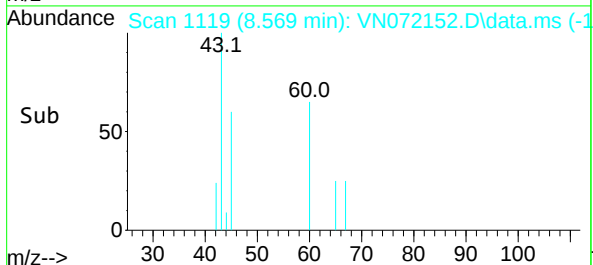
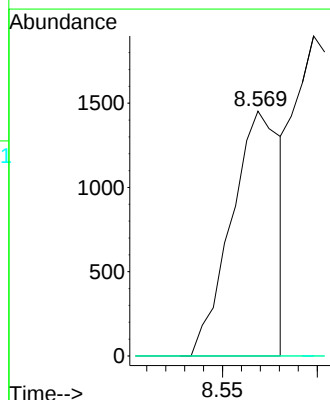
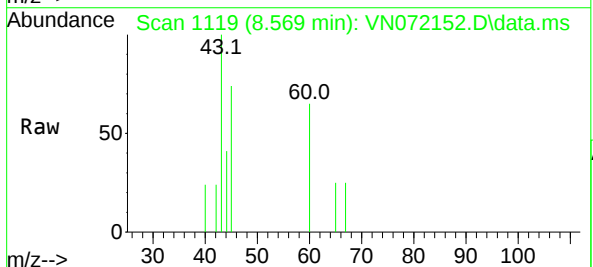
Instrument :
MSVOA_N
ClientSampleId :

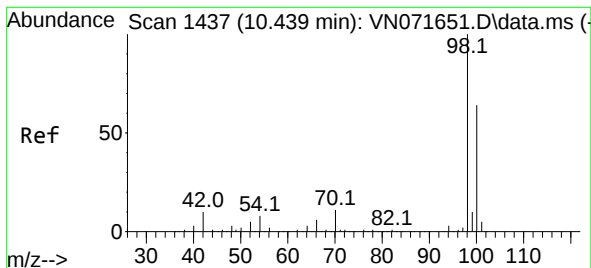
Tgt Ion: 78 Resp: 52607
Ion Ratio Lower Upper
78 100
77 26.9 19.4 29.0



#43
Isopropyl Acetate
Concen: 0.278 ug/l
RT: 8.569 min Scan# 1119
Delta R.T. 0.018 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

Tgt Ion: 43 Resp: 2616
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

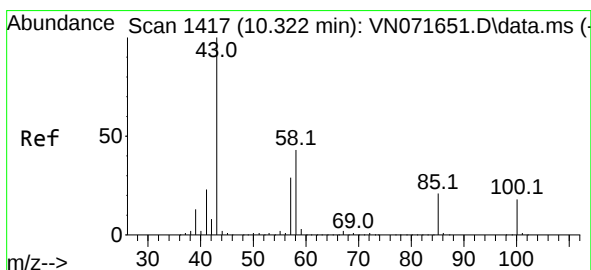
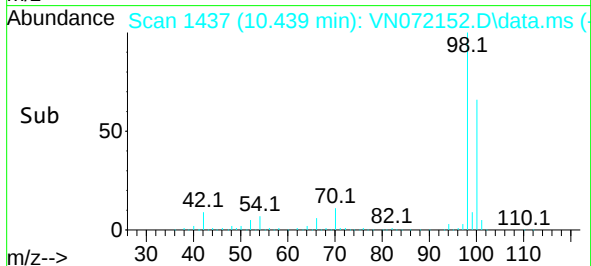
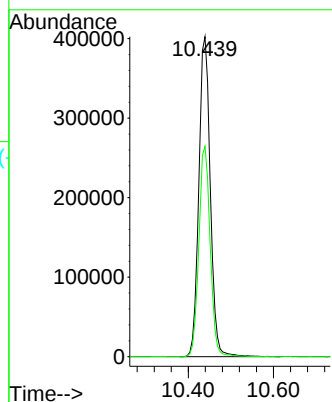
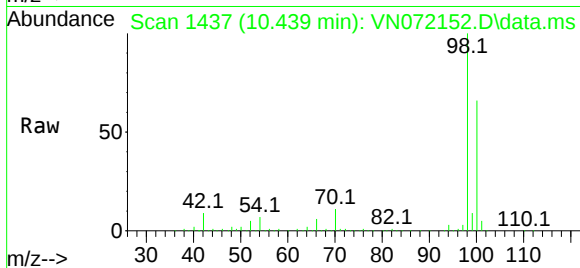




#50
Toluene-d8
Concen: 49.615 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

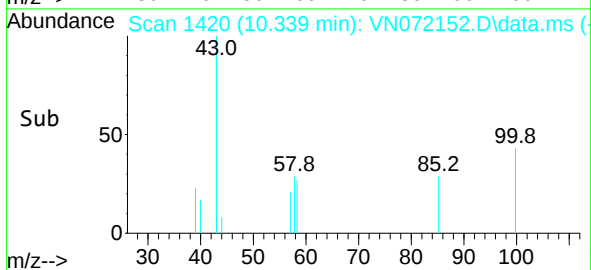
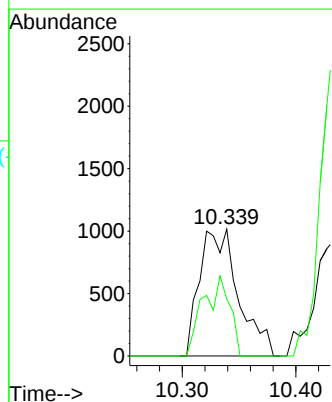
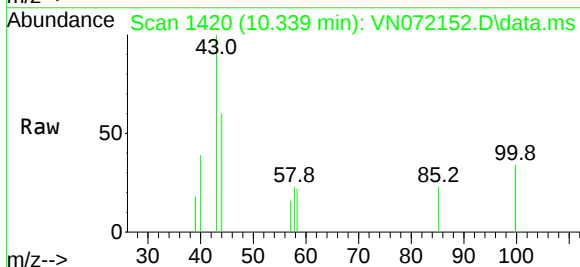
Instrument :
MSVOA_N
ClientSampleId :

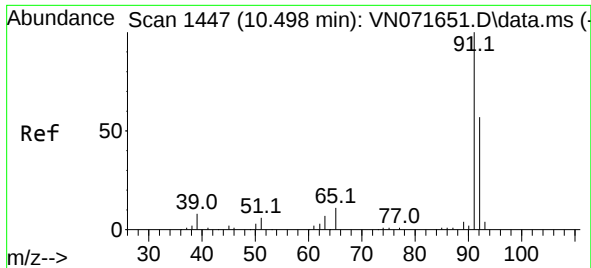
Tgt Ion: 98 Resp: 751201
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.445 ug/l
RT: 10.339 min Scan# 1420
Delta R.T. 0.017 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

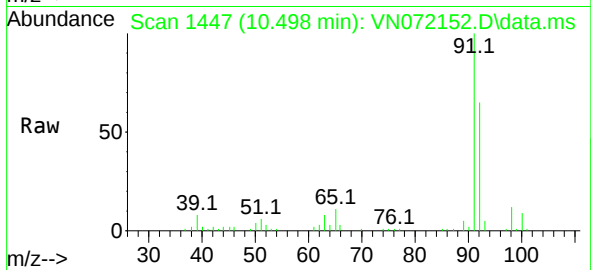
Tgt Ion: 43 Resp: 2407
Ion Ratio Lower Upper
43 100
58 43.1 34.1 51.1



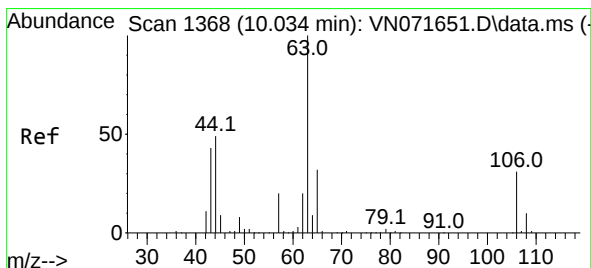
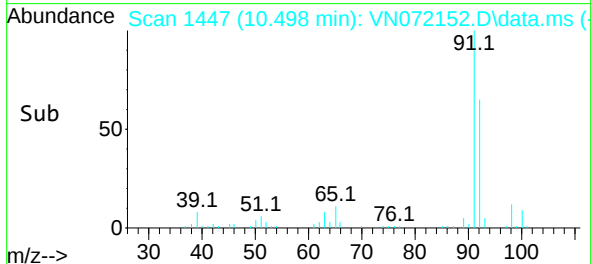
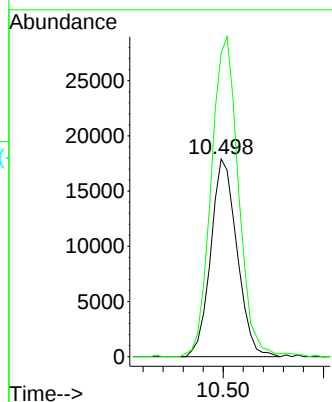


#52
Toluene
Concen: 3.151 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :

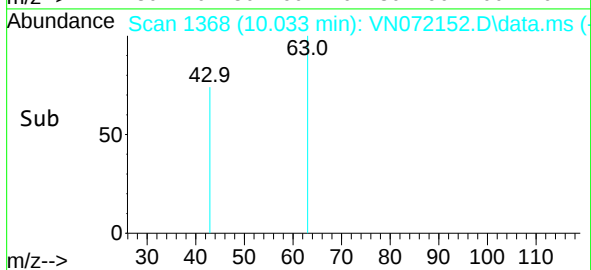
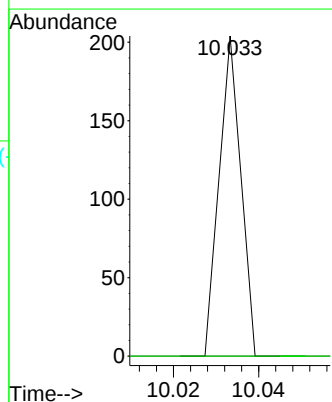
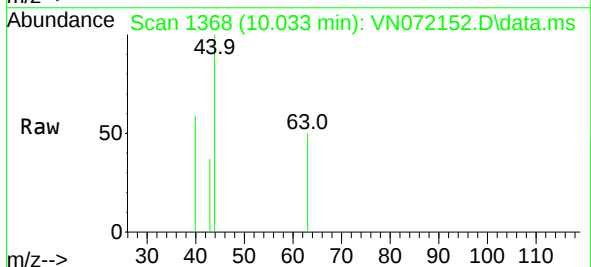


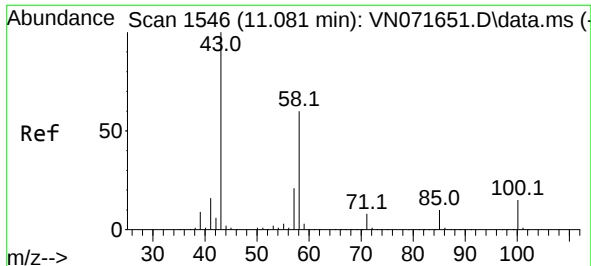
Tgt Ion: 92 Resp: 32526
Ion Ratio Lower Upper
92 100
91 169.1 138.6 207.8



#58
2-Chloroethyl Vinyl ether
Concen: 17.003 ug/l
RT: 10.033 min Scan# 1368
Delta R.T. -0.001 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

Tgt Ion: 63 Resp: 72
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#

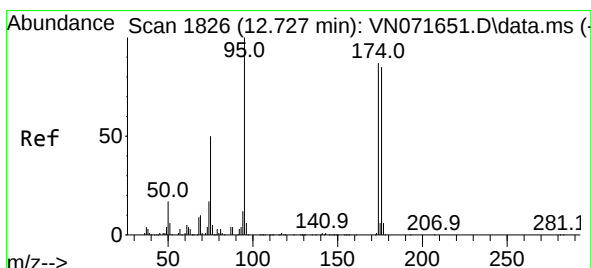
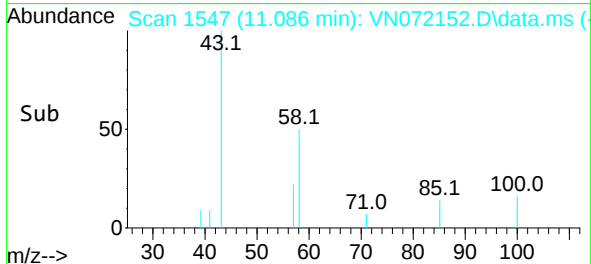
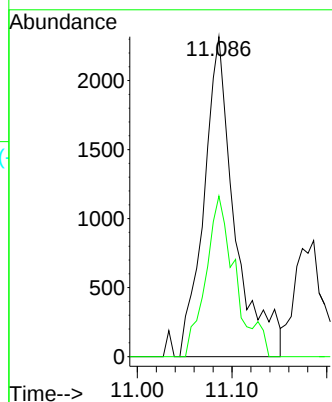
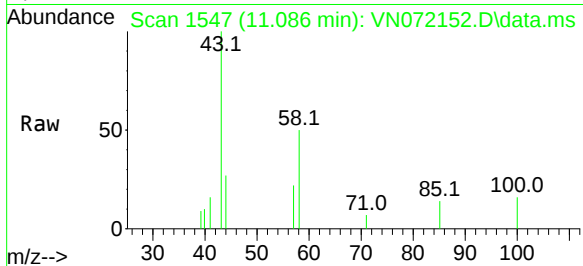




#59
2-Hexanone
Concen: 1.379 ug/l
RT: 11.086 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

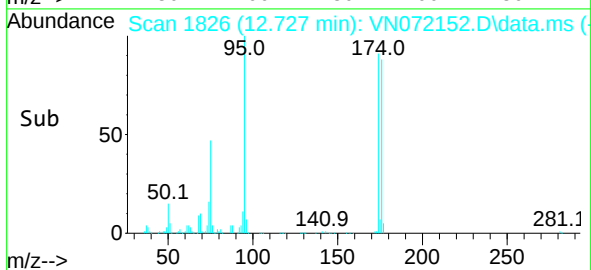
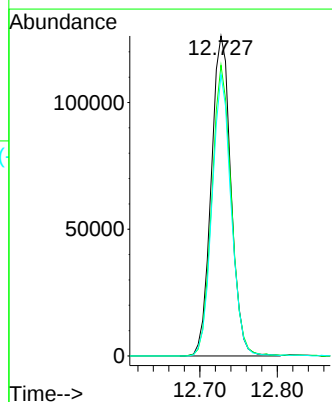
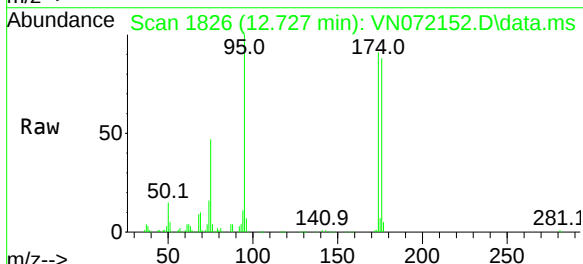
Instrument :
MSVOA_N
ClientSampleId :

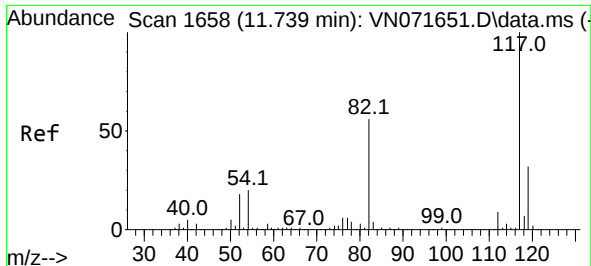
Tgt Ion: 43 Resp: 5254
Ion Ratio Lower Upper
43 100
58 48.1 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 45.655 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

Tgt Ion: 95 Resp: 223558
Ion Ratio Lower Upper
95 100
174 89.5 0.0 167.6
176 85.0 0.0 163.4

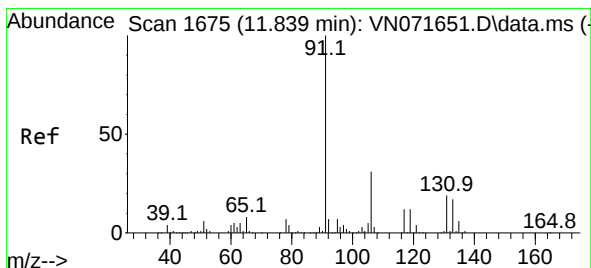
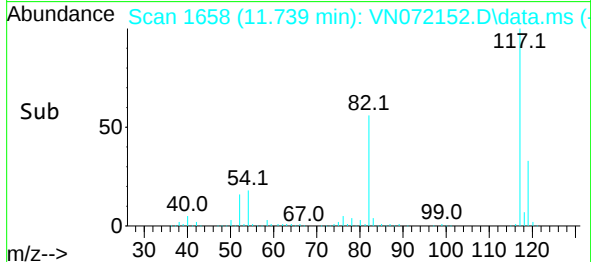
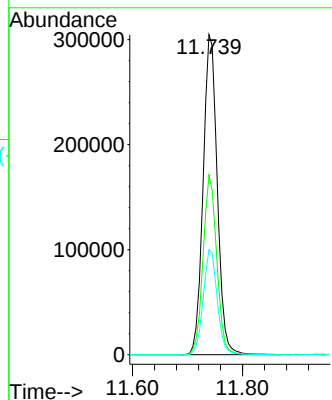
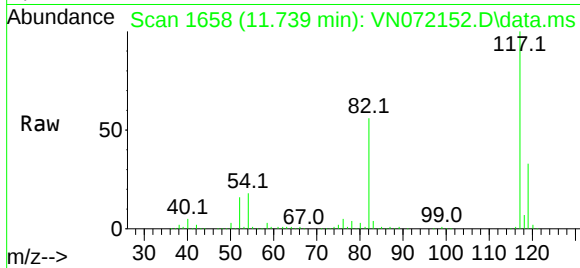




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

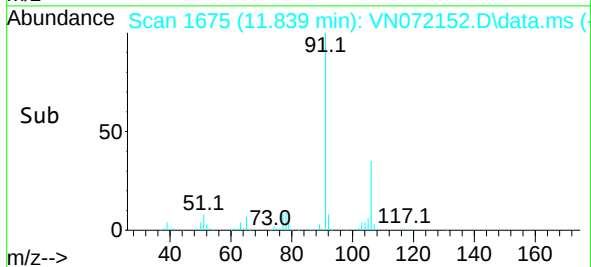
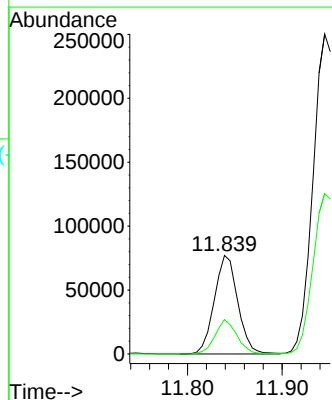
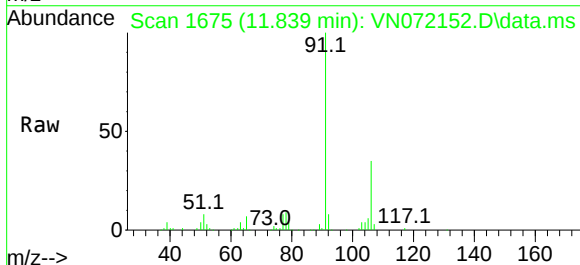
Instrument :
MSVOA_N
ClientSampleId :

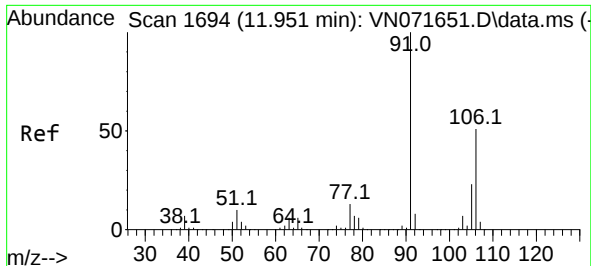
Tgt Ion:117 Resp: 544011
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.2
119 32.8 25.4 38.0



#67
Ethyl Benzene
Concen: 7.185 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

Tgt Ion: 91 Resp: 132496
Ion Ratio Lower Upper
91 100
106 34.9 24.9 37.3

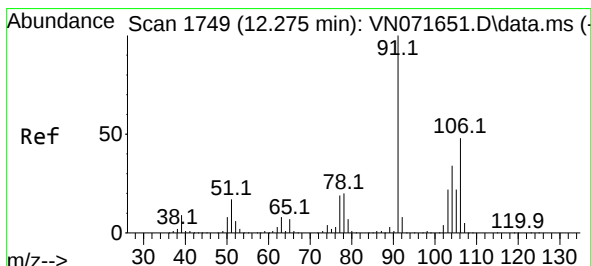
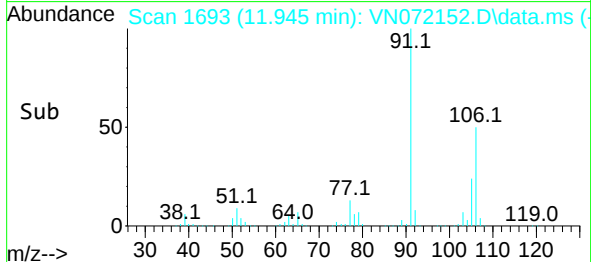
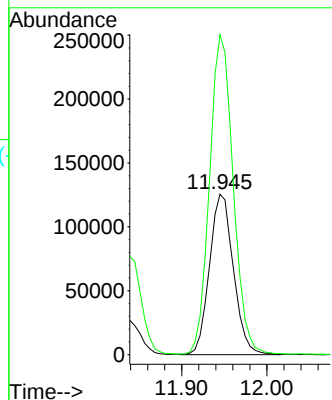
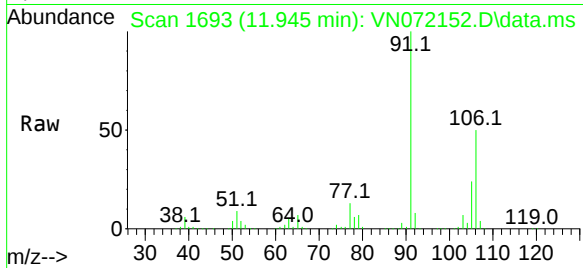




#68
m/p-Xylenes
Concen: 34.540 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

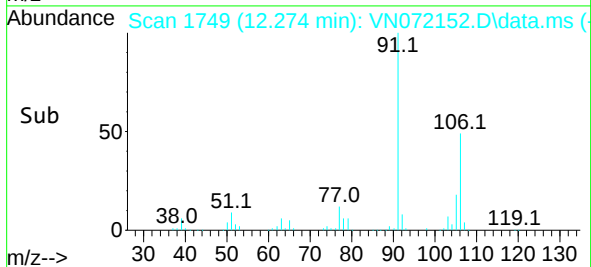
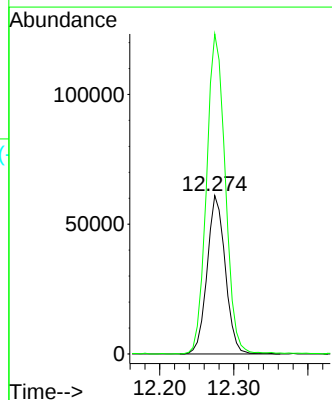
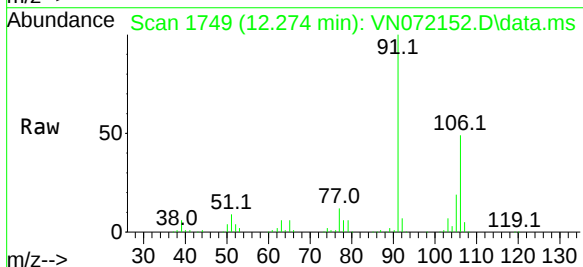
Instrument :
MSVOA_N
ClientSampleId :

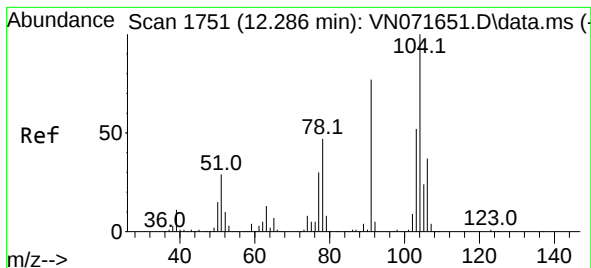
Tgt Ion:106 Resp: 244728
Ion Ratio Lower Upper
106 100
91 196.8 158.9 238.3



#69
o-Xylene
Concen: 14.768 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

Tgt Ion:106 Resp: 103859
Ion Ratio Lower Upper
106 100
91 209.0 106.0 318.0





#70

Styrene

Concen: 0.711 ug/l

RT: 12.280 min Scan# 1

Delta R.T. -0.006 min

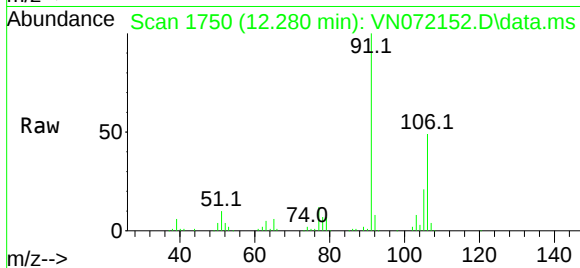
Lab File: VN072152.D

Acq: 22 Apr 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :



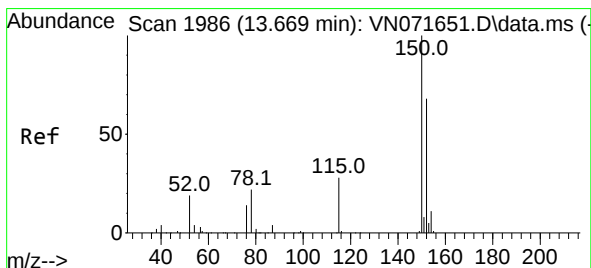
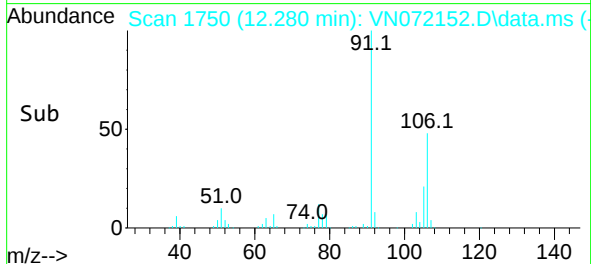
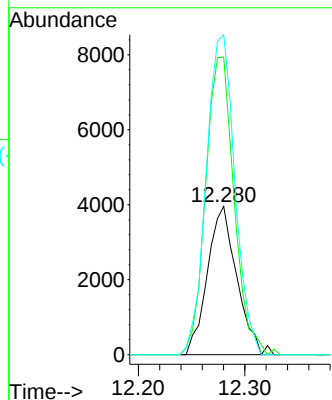
Tgt Ion:104 Resp: 7575

Ion Ratio Lower Upper

104 100

78 194.8 39.5 59.3#

103 210.2 44.0 66.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.668 min Scan# 1986

Delta R.T. -0.001 min

Lab File: VN072152.D

Acq: 22 Apr 2022 13:22

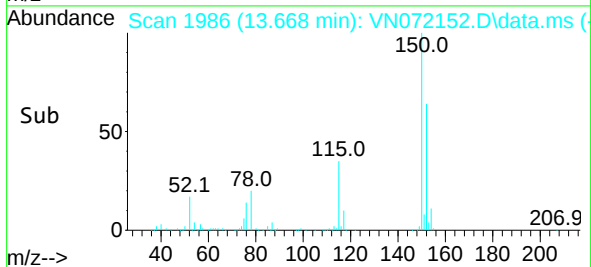
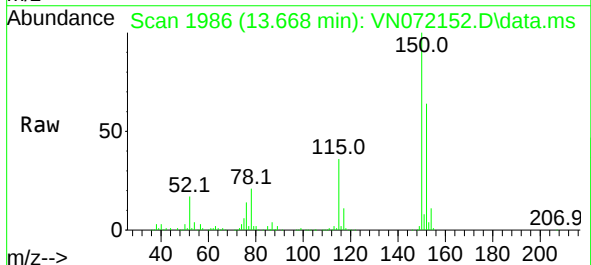
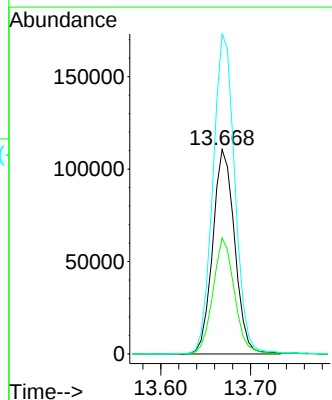
Tgt Ion:152 Resp: 187477

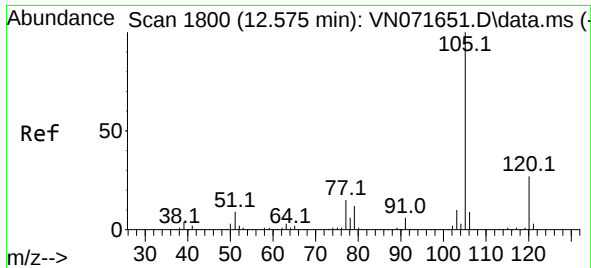
Ion Ratio Lower Upper

152 100

115 56.1 28.9 86.7

150 157.7 0.0 356.2

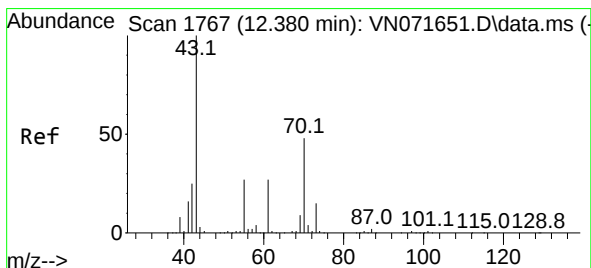
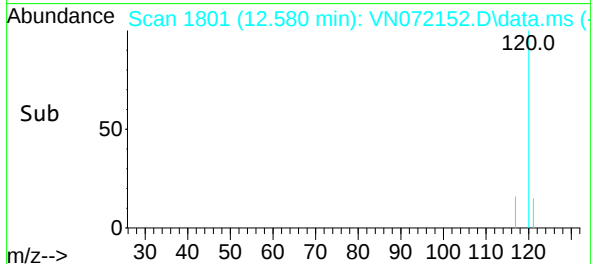
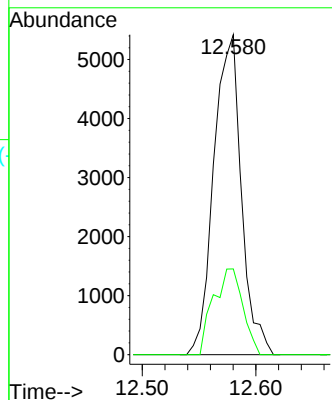
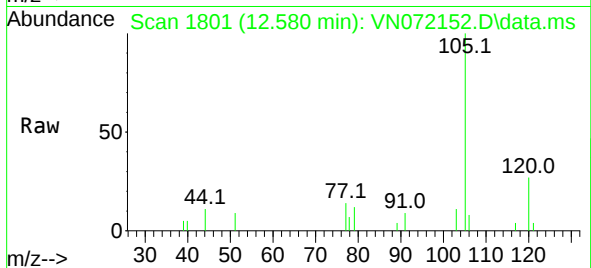




#73
Isopropylbenzene
Concen: 0.578 ug/l
RT: 12.580 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

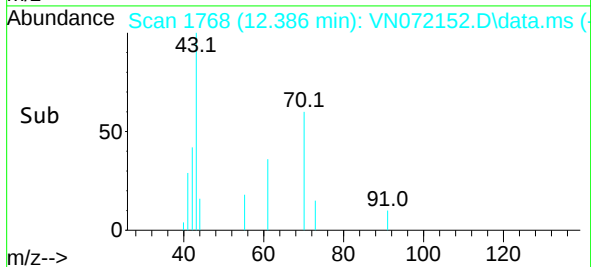
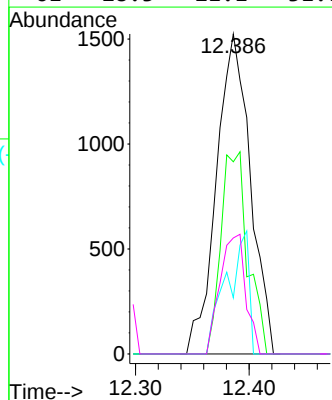
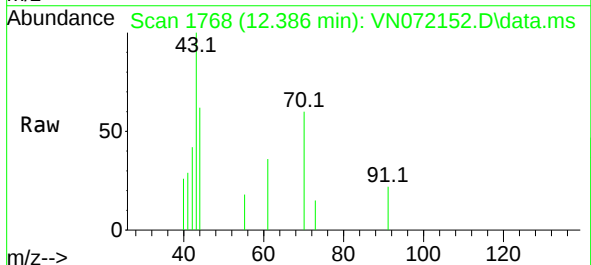
Instrument :
MSVOA_N
ClientSampleId :

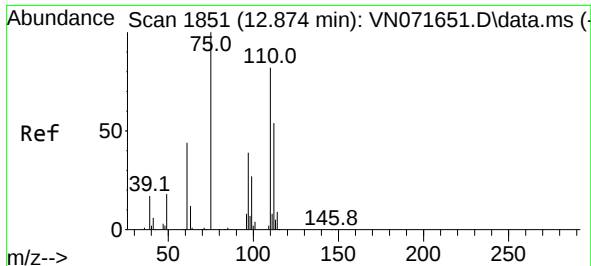
Tgt Ion:105 Resp: 9135
Ion Ratio Lower Upper
105 100
120 28.6 13.5 40.4



#74
N-ethyl acetate
Concen: 0.698 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

Tgt Ion: 43 Resp: 3159
Ion Ratio Lower Upper
43 100
70 50.0 39.0 58.4
55 25.2 21.1 31.7
61 28.3 21.1 31.7

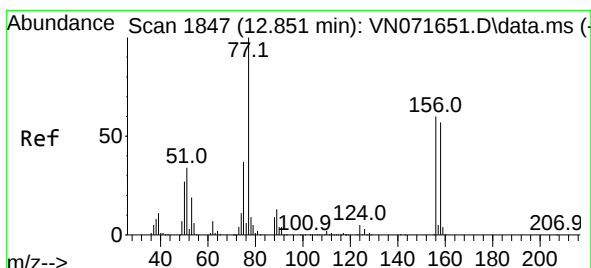
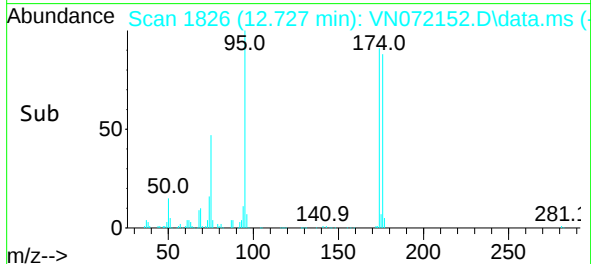
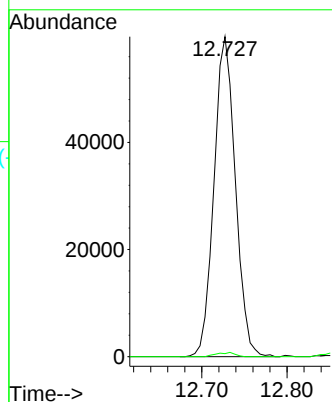
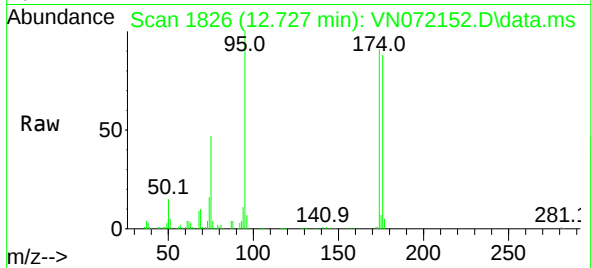




#76
1,2,3-Trichloropropane
Concen: 24.017 ug/l
RT: 12.727 min Scan# 1851
Delta R.T. -0.147 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

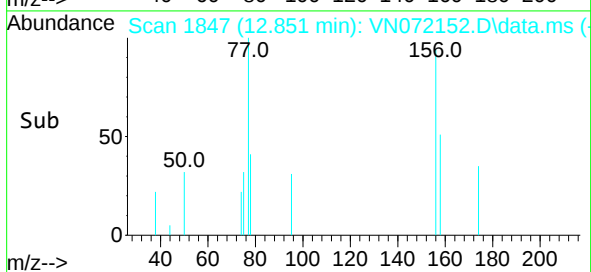
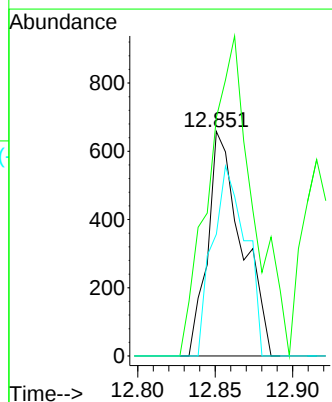
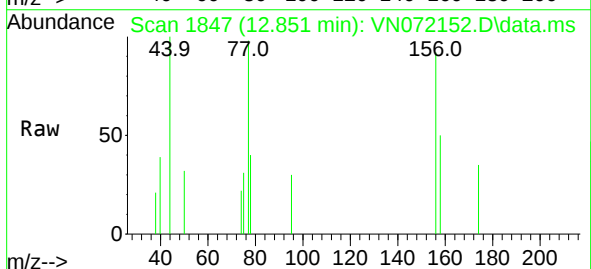
Instrument :
MSVOA_N
ClientSampleId :

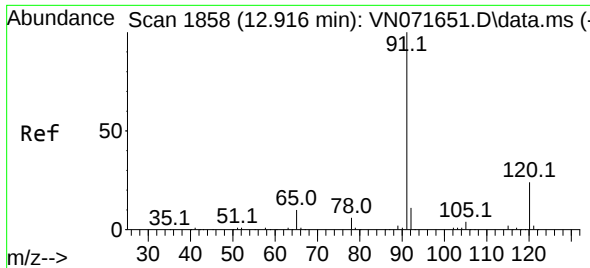
Tgt Ion: 75 Resp: 104306
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#77
Bromobenzene
Concen: 0.253 ug/l
RT: 12.851 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

Tgt Ion: 156 Resp: 1002
Ion Ratio Lower Upper
156 100
77 184.8 100.5 301.5
158 82.8 48.9 146.6

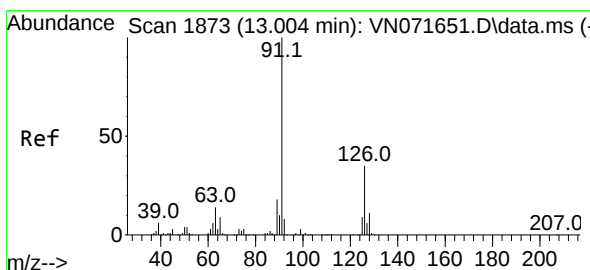
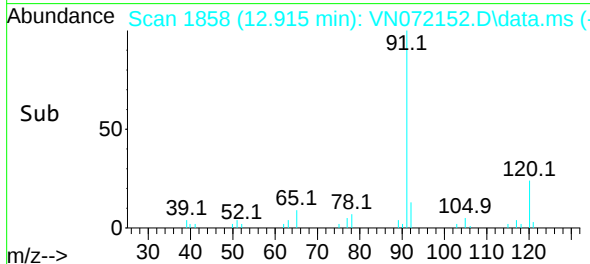
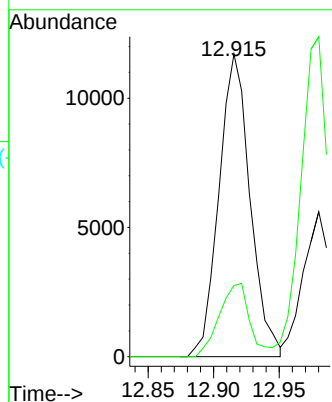
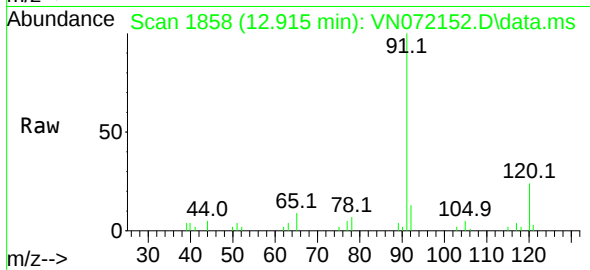




#78
n-propylbenzene
Concen: 1.162 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

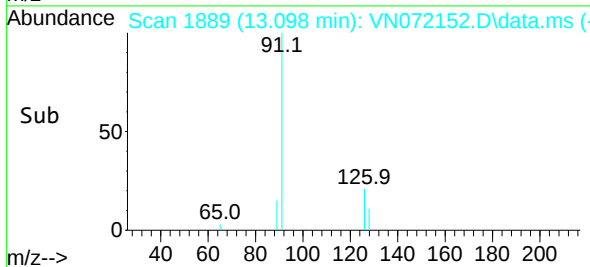
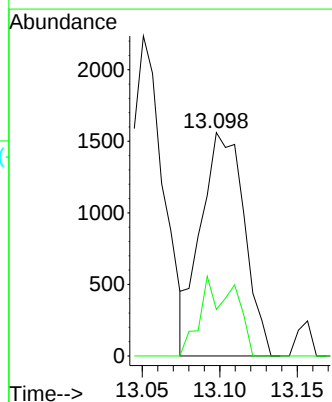
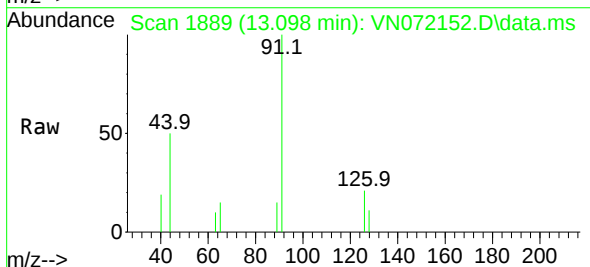
Instrument :
MSVOA_N
ClientSampleId :

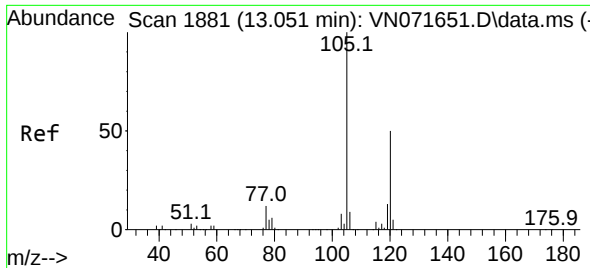
Tgt Ion: 91 Resp: 19313
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.285 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.094 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

Tgt Ion: 91 Resp: 3039
Ion Ratio Lower Upper
91 100
126 28.1 17.3 51.9

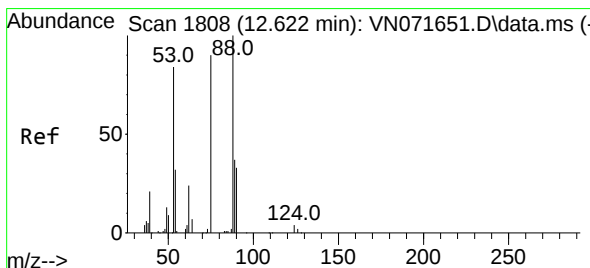
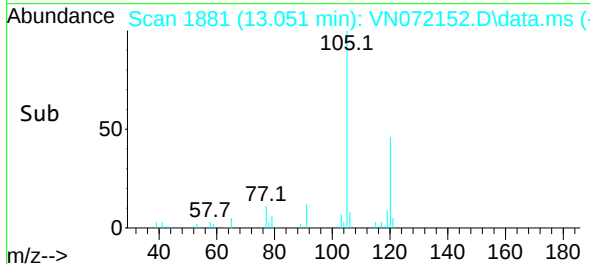
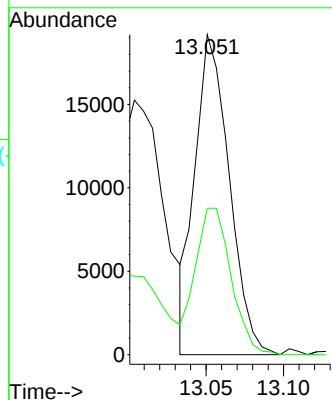
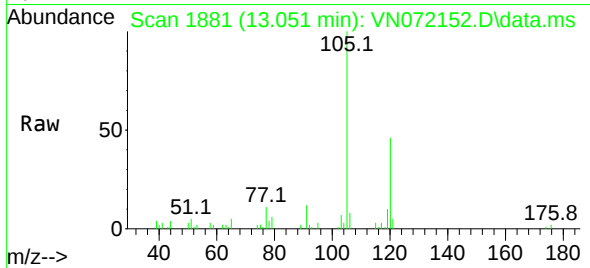




#80
 1,3,5-Trimethylbenzene
 Concen: 2.349 ug/l
 RT: 13.051 min Scan# 1881
 Delta R.T. -0.000 min
 Lab File: VN072152.D
 Acq: 22 Apr 2022 13:22

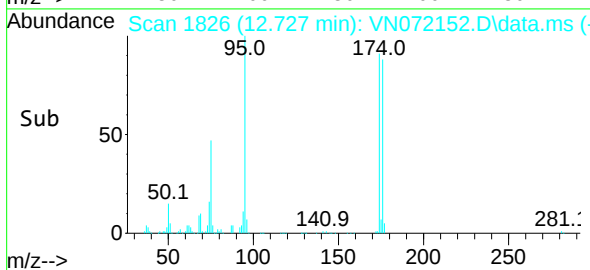
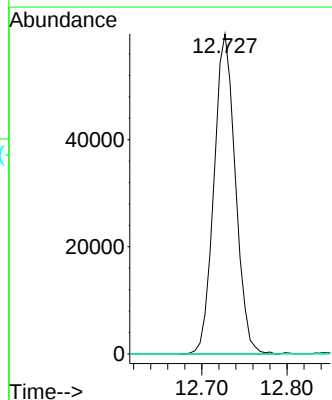
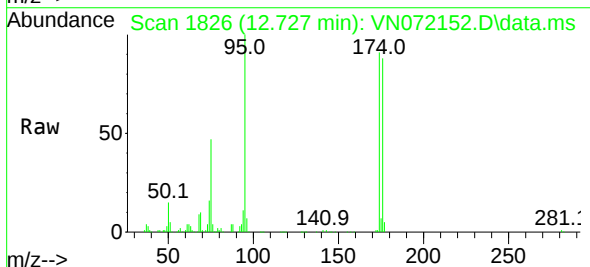
Instrument :
 MSVOA_N
 ClientSampleId :

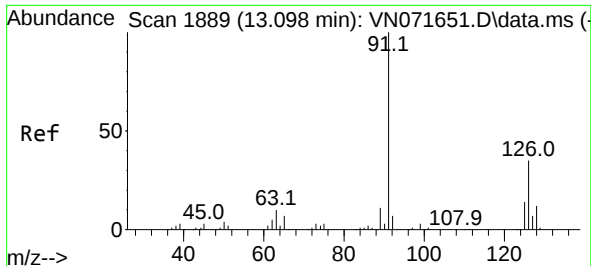
Tgt Ion:105 Resp: 29407
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.9 74.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.427 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. 0.105 min
 Lab File: VN072152.D
 Acq: 22 Apr 2022 13:22

Tgt Ion: 75 Resp: 104306
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

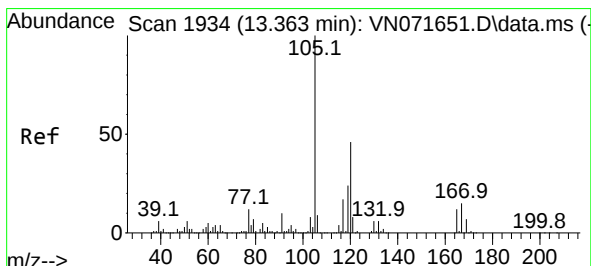
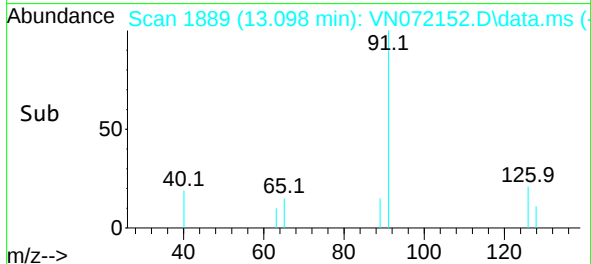
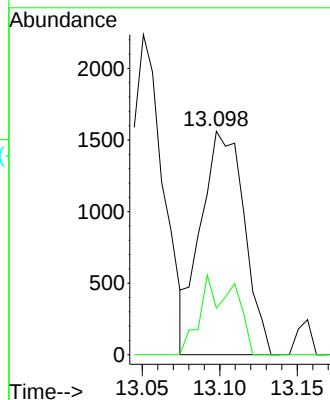
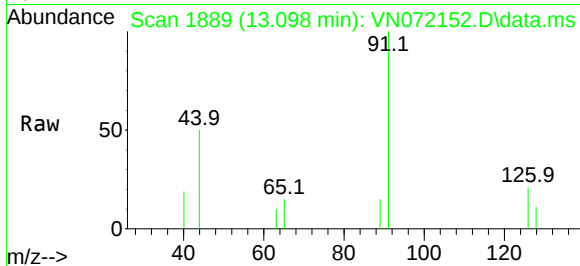




#82
4-Chlorotoluene
Concen: 0.308 ug/l
RT: 13.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

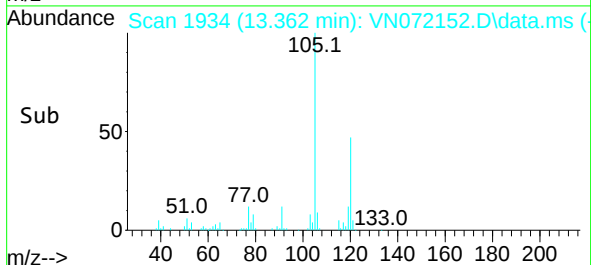
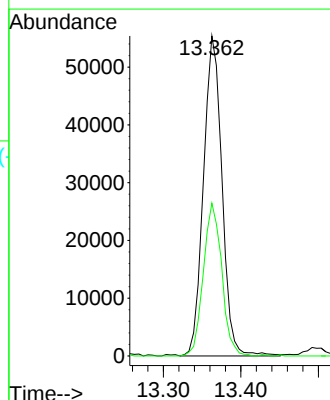
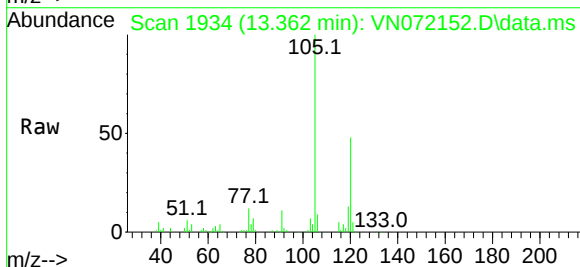
Instrument :
MSVOA_N
ClientSampleId :

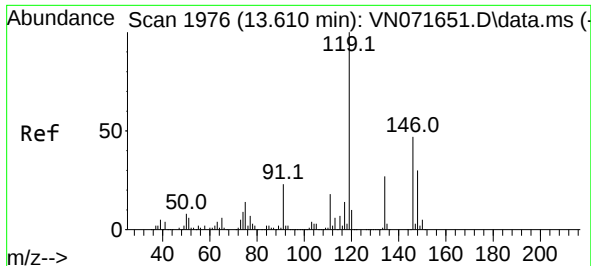
Tgt Ion: 91 Resp: 3039
Ion Ratio Lower Upper
91 100
126 28.1 17.2 51.6



#84
1,2,4-Trimethylbenzene
Concen: 7.552 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

Tgt Ion: 105 Resp: 92236
Ion Ratio Lower Upper
105 100
120 47.2 23.3 69.8

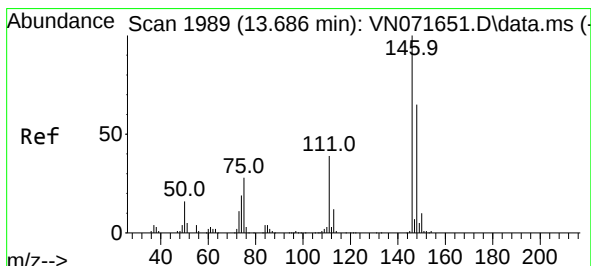
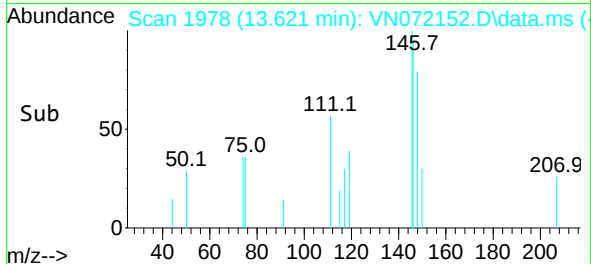
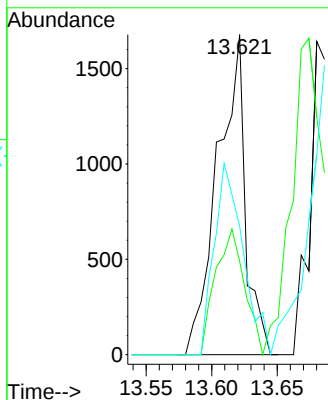
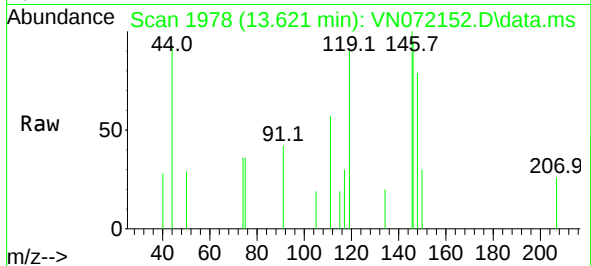




#87
1,3-Dichlorobenzene
Concen: 0.391 ug/l
RT: 13.621 min Scan# 1976
Delta R.T. 0.011 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

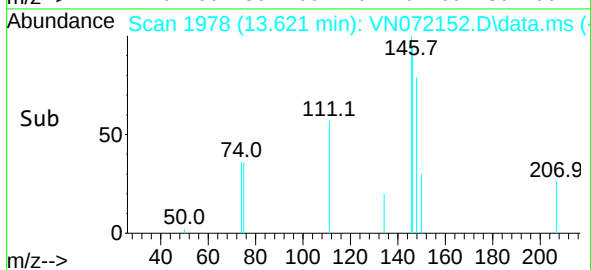
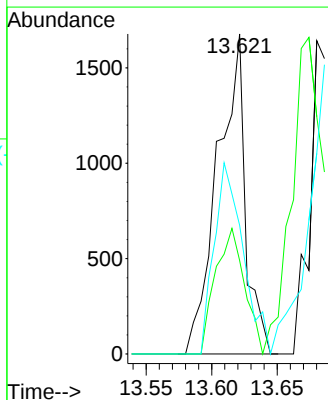
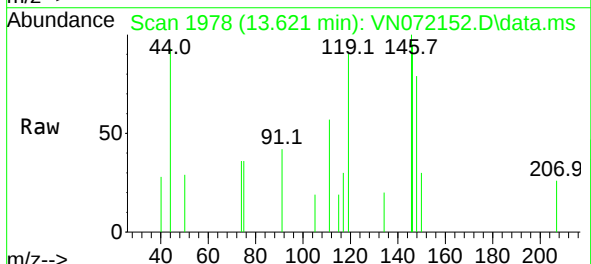
Instrument :
MSVOA_N
ClientSampleId :

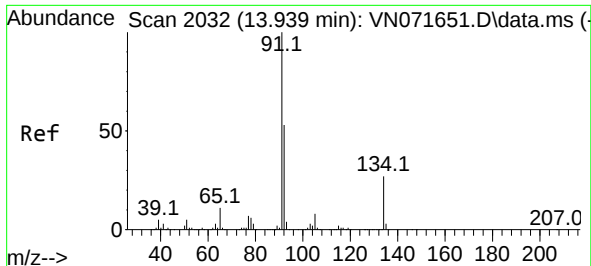
Tgt Ion:146 Resp: 2470
Ion Ratio Lower Upper
146 100
111 41.1 20.0 60.0
148 62.1 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 0.401 ug/l
RT: 13.621 min Scan# 1978
Delta R.T. -0.065 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

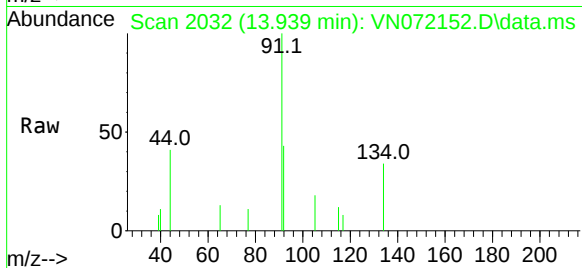
Tgt Ion:146 Resp: 2470
Ion Ratio Lower Upper
146 100
111 41.1 19.1 57.1
148 62.1 31.4 94.3



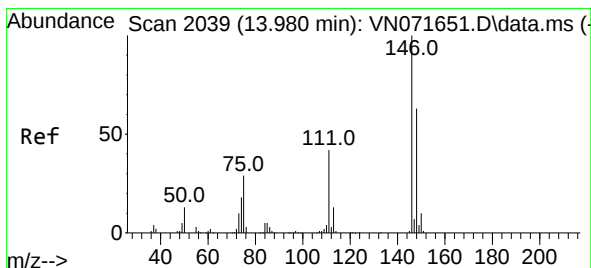
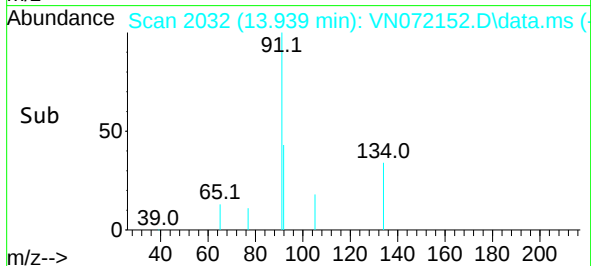
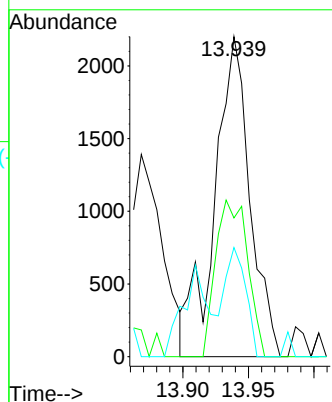


#89
n-Butylbenzene
Concen: 0.470 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :

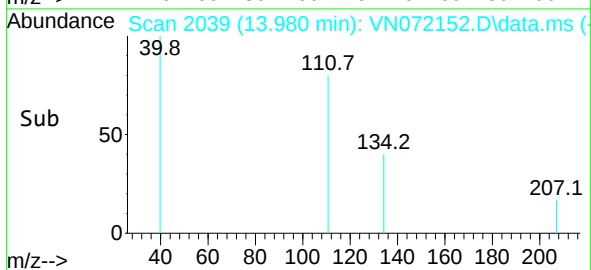
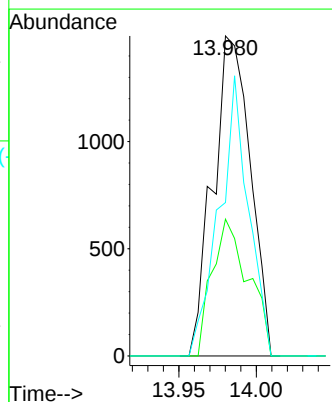
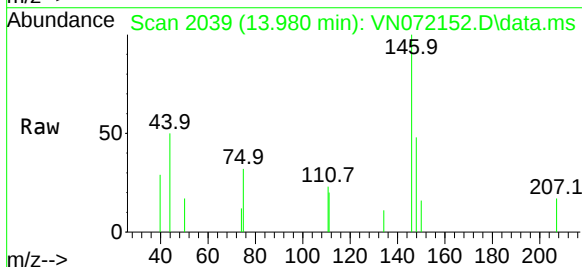


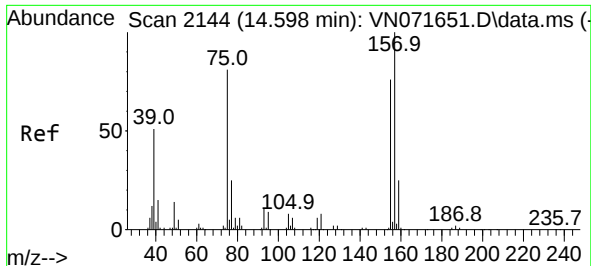
Tgt Ion: 91 Resp: 4121
Ion Ratio Lower Upper
91 100
92 44.2 26.9 80.7
134 19.4 13.6 40.8



#91
1,2-Dichlorobenzene
Concen: 0.404 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

Tgt Ion:146 Resp: 2504
Ion Ratio Lower Upper
146 100
111 41.5 20.9 62.8
148 68.3 32.1 96.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.369 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. -0.000 min

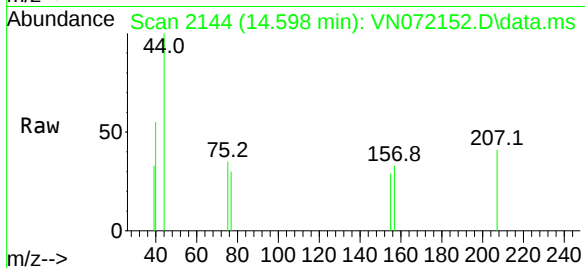
Lab File: VN072152.D

Acq: 22 Apr 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :



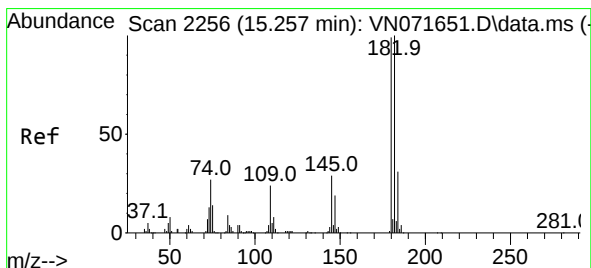
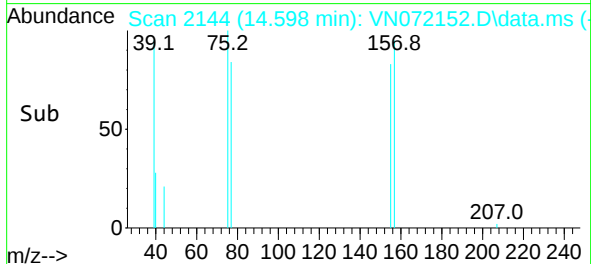
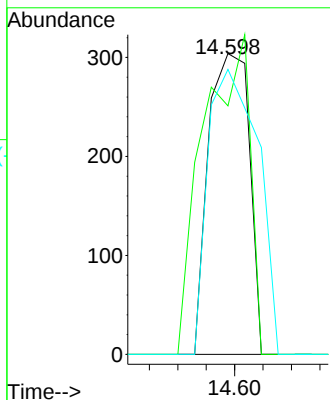
Tgt Ion: 75 Resp: 302

Ion Ratio Lower Upper

75 100

155 121.2 44.9 134.5

157 116.6 59.0 176.8



#93

1,2,4-Trichlorobenzene

Concen: 3.002 ug/l

RT: 15.256 min Scan# 2256

Delta R.T. -0.001 min

Lab File: VN072152.D

Acq: 22 Apr 2022 13:22

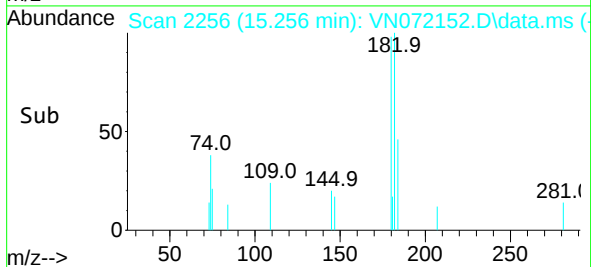
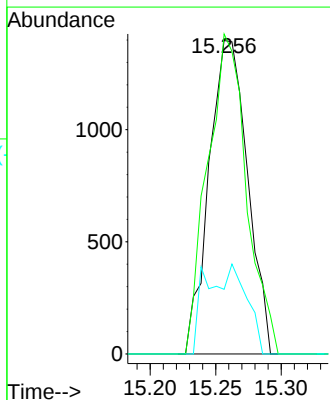
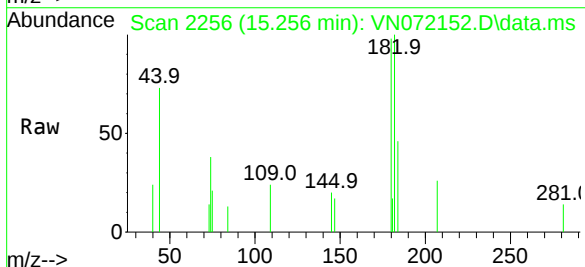
Tgt Ion: 180 Resp: 2854

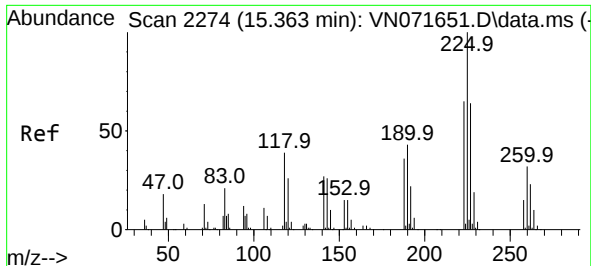
Ion Ratio Lower Upper

180 100

182 103.0 47.5 142.5

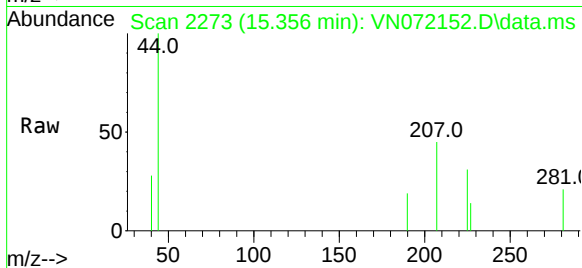
145 15.7 14.5 43.5



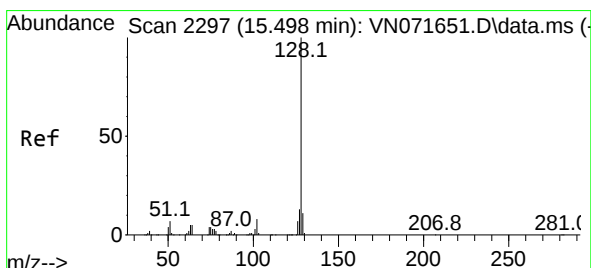
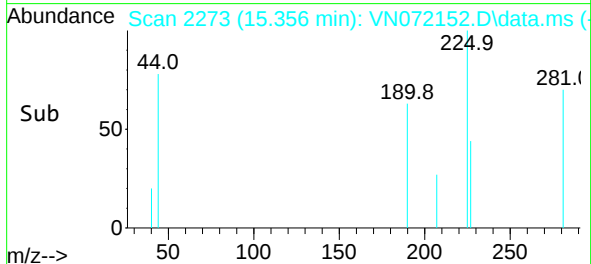
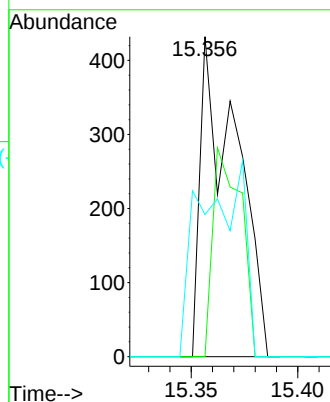


#94
Hexachlorobutadiene
Concen: 0.275 ug/l
RT: 15.356 min Scan# 21
Delta R.T. -0.007 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :

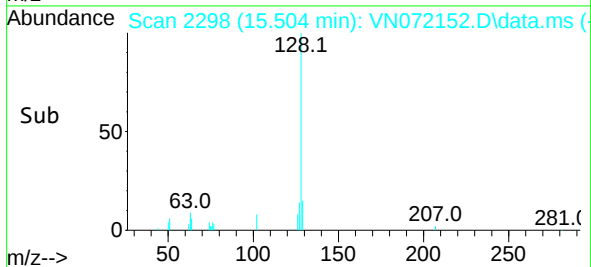
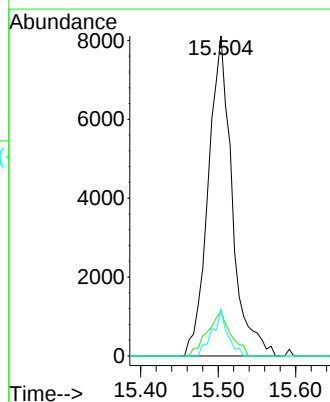
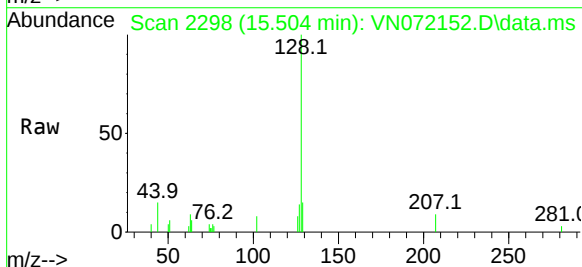


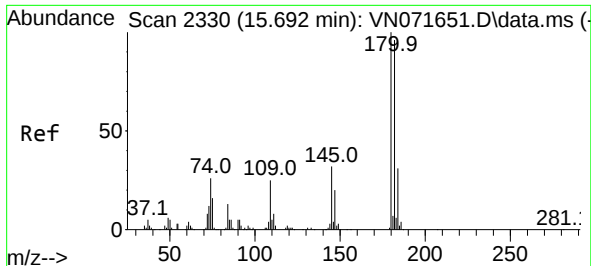
Tgt Ion:225 Resp: 503
Ion Ratio Lower Upper
225 100
223 51.3 32.4 97.2
227 74.8 31.8 95.4



#95
Naphthalene
Concen: 5.682 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072152.D
Acq: 22 Apr 2022 13:22

Tgt Ion:128 Resp: 17367
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 9.3 8.6 13.0





#96

1,2,3-Trichlorobenzene

Concen: 3.623 ug/l

RT: 15.692 min Scan# 21

Delta R.T. -0.000 min

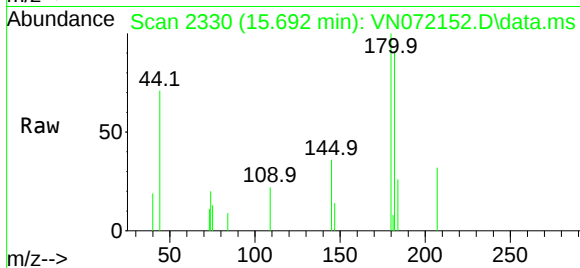
Lab File: VN072152.D

Acq: 22 Apr 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	180	Resp:	3672
Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.8	143.3
145	32.0	15.5	46.5

