

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070622\
 Data File : VN073351.D
 Acq On : 06 Jul 2022 17:38
 Operator : JC\MD
 Sample : N3586-04 10X
 Misc : 1.11g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31457

Quant Time: Jul 07 04:24:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	331732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	550574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	522928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	263615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	198074	41.361	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.720%		
35) Dibromofluoromethane	7.951	113	170461	46.535	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.080%		
50) Toluene-d8	10.380	98	583941	44.884	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.760%		
62) 4-Bromofluorobenzene	12.669	95	274247	54.853	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.700%		
Target Compounds						Qvalue
16) Acetone	4.234	43	6324	2.353	ug/l	99
18) Methyl Acetate	4.787	43	2166	0.288	ug/l #	53
20) Methylene Chloride	5.016	84	1615	0.342	ug/l #	66
25) 2-Butanone	7.245	43	3249	0.759	ug/l #	45
26) 2,2-Dichloropropane	7.239	77	1515	0.206	ug/l #	53
31) Cyclohexane	7.992	56	257265	32.802	ug/l #	39
36) 1,1-Dichloropropene	8.016	75	27150	4.817	ug/l #	50
37) Ethyl Acetate	7.245	43	3249	0.382	ug/l #	73
38) Carbon Tetrachloride	8.016	117	33232	5.701	ug/l #	16
39) Methylcyclohexane	9.392	83	210062	29.935	ug/l	96
41) Methacrylonitrile	7.775	41	18826	4.558	ug/l #	42
43) Isopropyl Acetate	8.486	43	130406	10.655	ug/l #	53
48) Methyl methacrylate	9.581	41	3785	0.668	ug/l #	61
51) 4-Methyl-2-Pentanone	10.386	43	3203	0.413	ug/l #	1
52) Toluene	10.445	92	6622340	616.039	ug/l	97
53) t-1,3-Dichloropropene	10.445	75	83045	12.938	ug/l #	1
55) 1,1,2-Trichloroethane	10.810	97	4990	1.128	ug/l #	23
59) 2-Hexanone	10.986	43	7417	1.254	ug/l #	21
67) Ethyl Benzene	11.780	91	43349	2.019	ug/l	94
68) m/p-Xylenes	11.886	106	63673	7.858	ug/l	97
69) o-Xylene	12.222	106	33145	4.007	ug/l	100
73) Isopropylbenzene	12.516	105	14819	0.651	ug/l	97
74) N-amyl acetate	12.310	43	21492	1.885	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.745	83	1609	0.213	ug/l	82
76) 1,2,3-Trichloropropane	12.669	75	140401	20.369	ug/l #	1
78) n-propylbenzene	12.857	91	61354	2.426	ug/l	99
79) 2-Chlorotoluene	12.921	91	26628	1.664	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.998	105	65515	3.531	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.669	75	140401	55.860	ug/l #	11
82) 4-Chlorotoluene	12.998	91	8100	0.523	ug/l #	45
83) tert-Butylbenzene	13.304	119	32587	1.959	ug/l #	50
84) 1,2,4-Trimethylbenzene	13.304	105	253713	13.696	ug/l	99
85) sec-Butylbenzene	13.439	105	21332	0.955	ug/l #	73
86) p-Isopropyltoluene	13.557	119	14111	0.782	ug/l	97
89) n-Butylbenzene	13.880	91	24257	1.613	ug/l #	77
90) Hexachloroethane	14.157	117	5002	1.487	ug/l #	18

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Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration

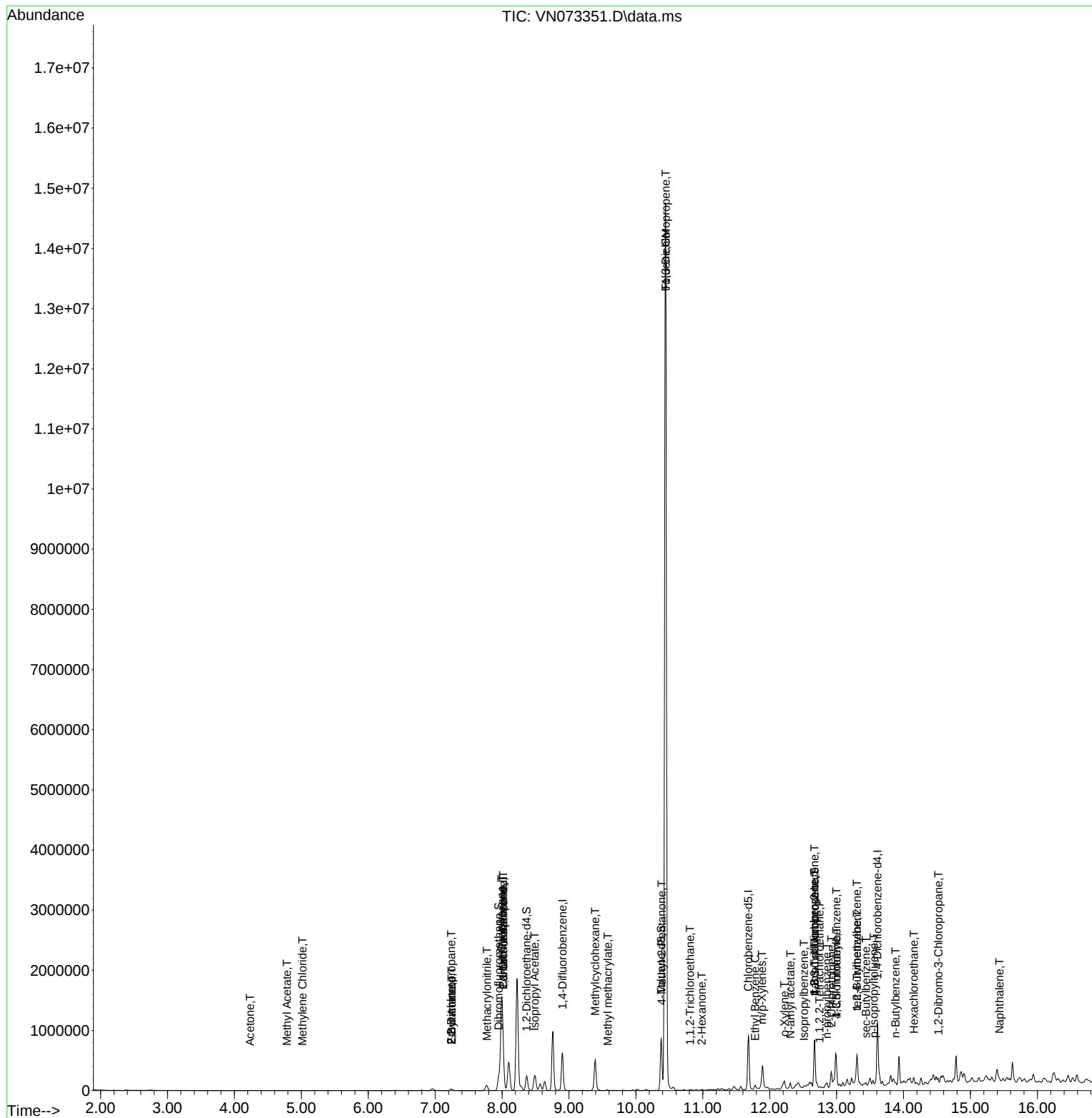
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropr...	14.521	75	589	0.321	ug/l	66
95) Naphthalene	15.433	128	27870	1.372	ug/l	96

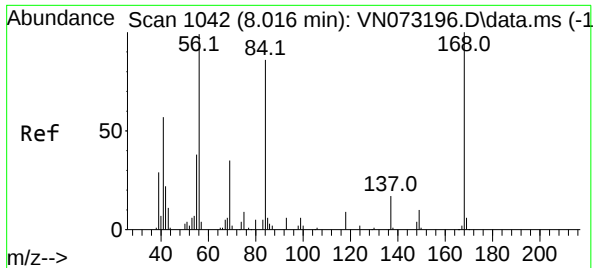
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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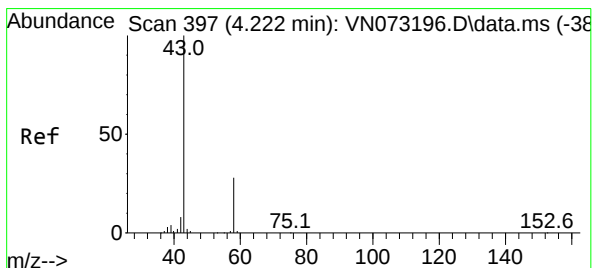
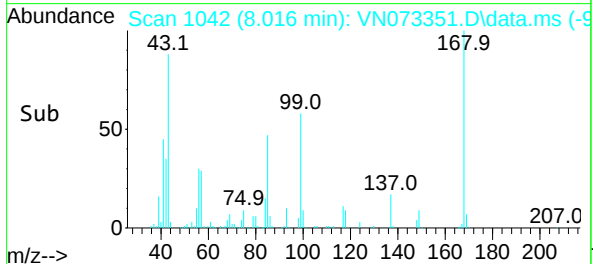
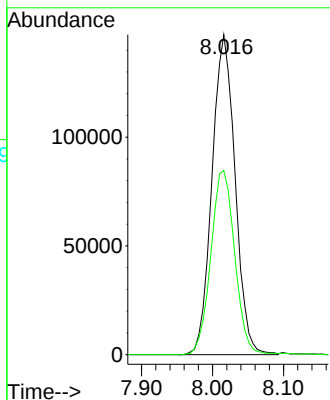
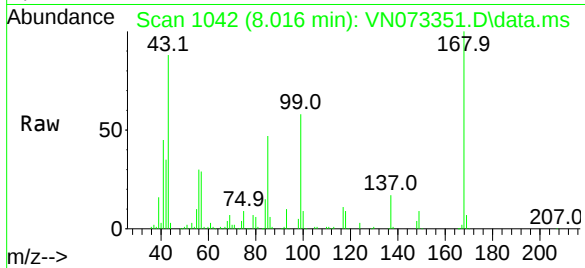




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

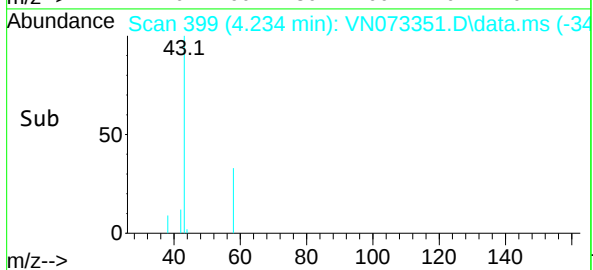
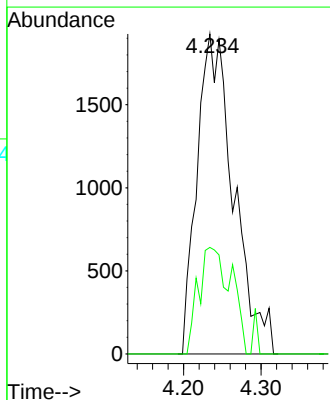
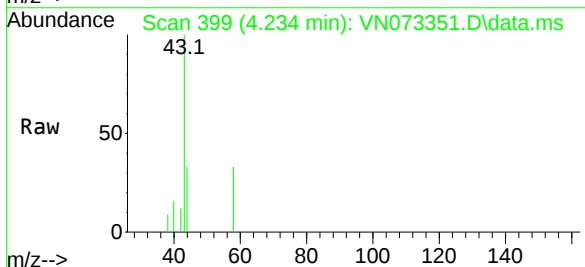
Instrument :
MSVOA_N
ClientSampleId :
31457

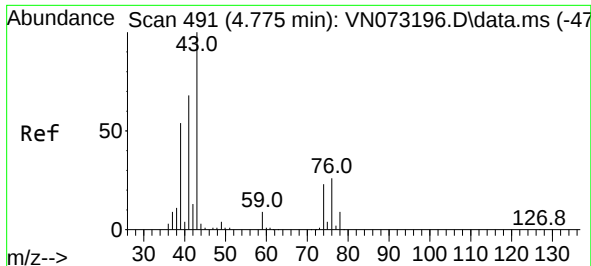
Tgt Ion:168 Resp: 331732
Ion Ratio Lower Upper
168 100
99 57.5 42.3 63.5



#16
Acetone
Concen: 2.353 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

Tgt Ion: 43 Resp: 6324
Ion Ratio Lower Upper
43 100
58 33.3 26.0 39.0

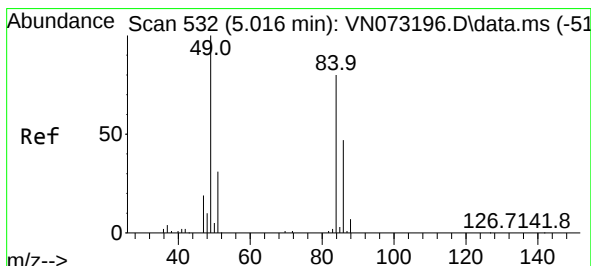
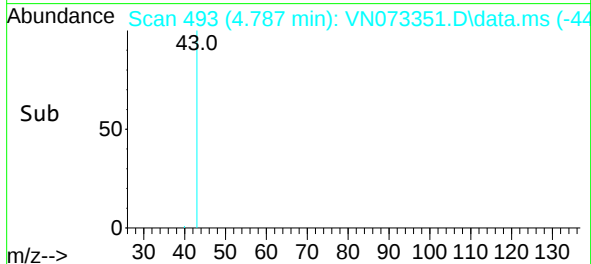
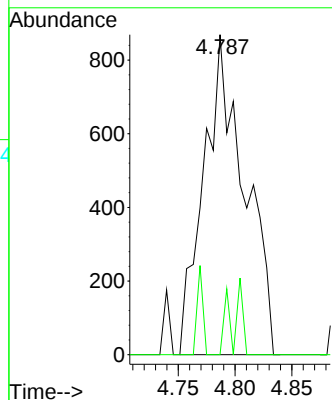
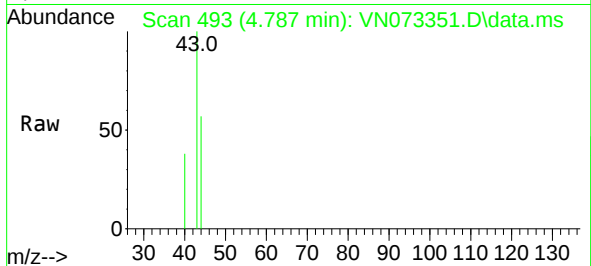




#18
Methyl Acetate
Concen: 0.288 ug/l
RT: 4.787 min Scan# 491
Delta R.T. 0.012 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

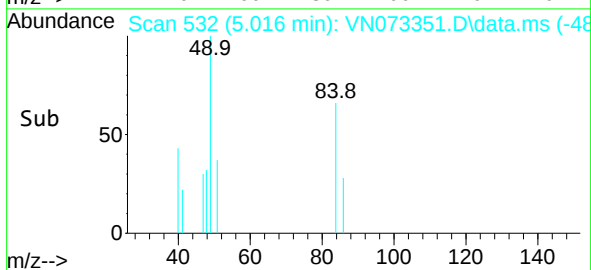
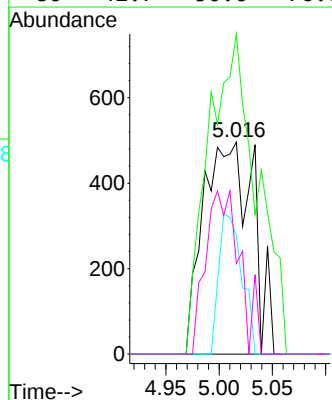
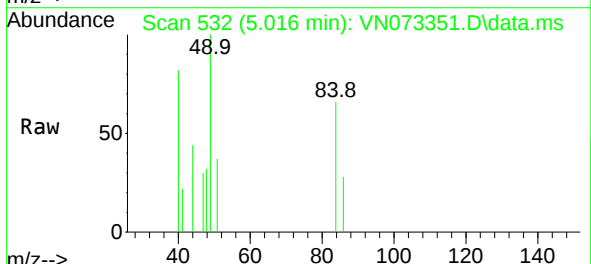
Instrument :
MSVOA_N
ClientSampleId :
31457

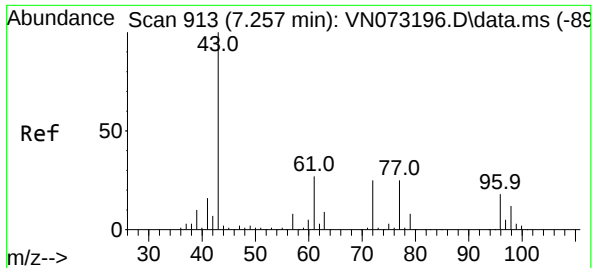
Tgt Ion: 43 Resp: 2166
Ion Ratio Lower Upper
43 100
74 2.9 21.6 32.4#



#20
Methylene Chloride
Concen: 0.342 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.000 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

Tgt Ion: 84 Resp: 1615
Ion Ratio Lower Upper
84 100
49 151.0 88.3 132.5#
51 55.8 28.2 42.2#
86 42.7 50.6 76.0#

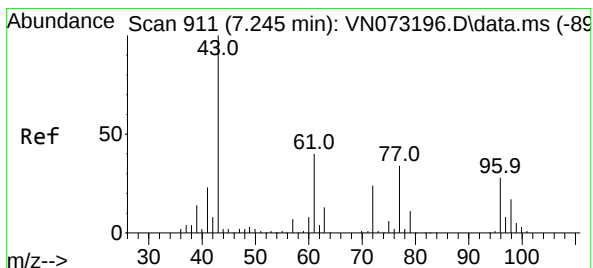
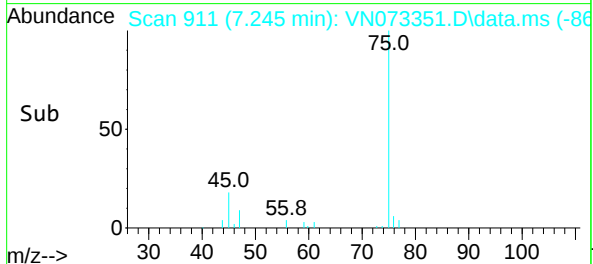
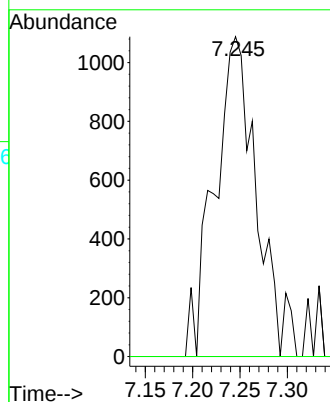
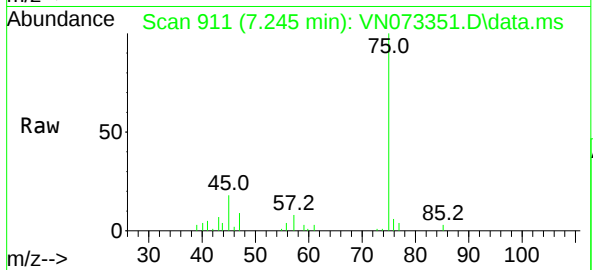




#25
2-Butanone
Concen: 0.759 ug/l
RT: 7.245 min Scan# 910
Delta R.T. -0.012 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

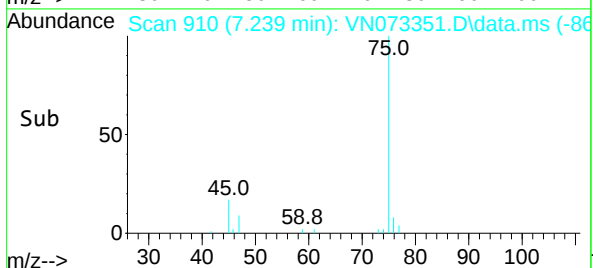
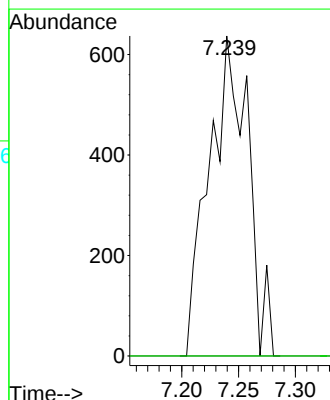
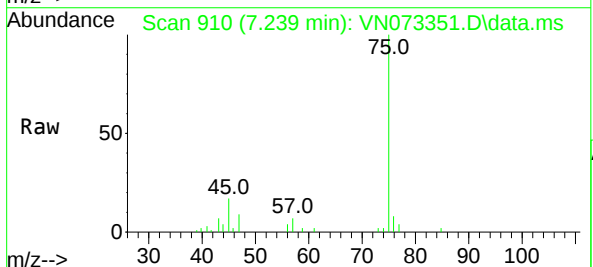
Instrument :
MSVOA_N
ClientSampleId :
31457

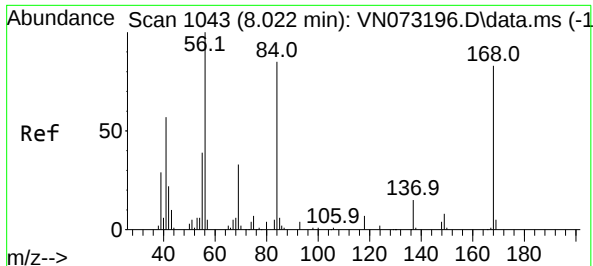
Tgt Ion: 43 Resp: 3249
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 0.206 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.006 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

Tgt Ion: 77 Resp: 1515
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#





#31

Cyclohexane

Concen: 32.802 ug/l

RT: 7.992 min Scan# 1038

Delta R.T. -0.030 min

Lab File: VN073351.D

Acq: 06 Jul 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

31457

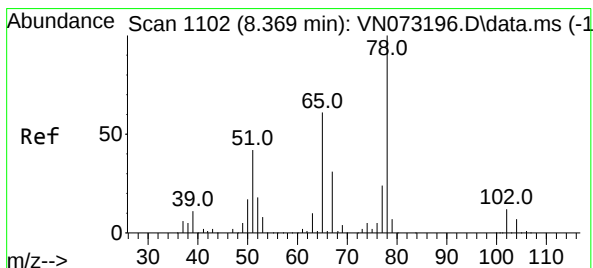
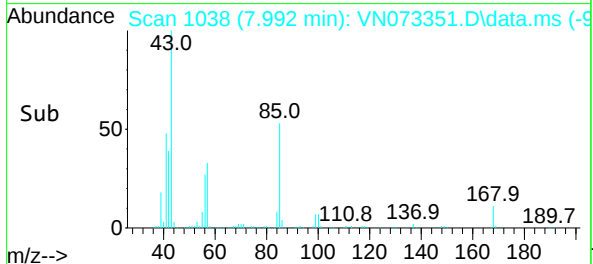
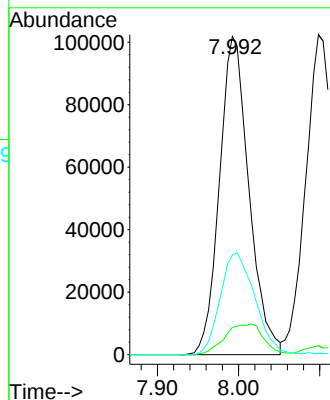
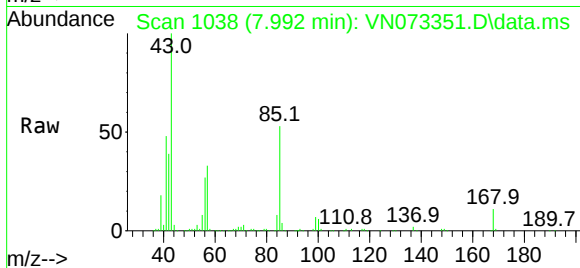
Tgt Ion: 56 Resp: 257265

Ion Ratio Lower Upper

56 100

69 8.6 27.8 41.8#

84 31.3 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 41.361 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073351.D

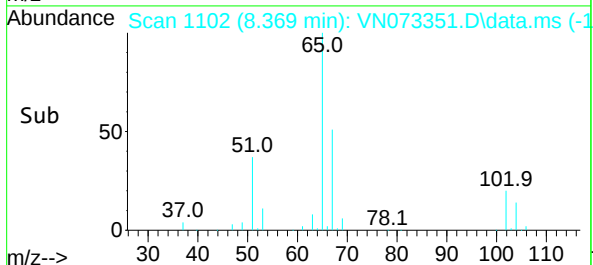
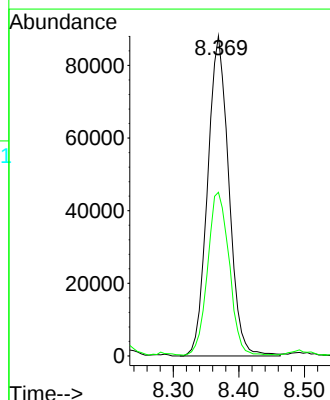
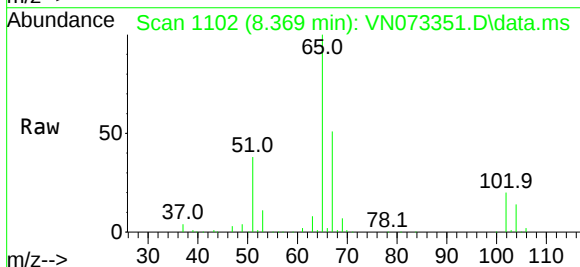
Acq: 06 Jul 2022 17:38

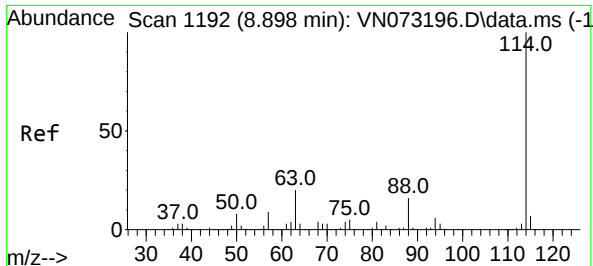
Tgt Ion: 65 Resp: 198074

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073351.D

Acq: 06 Jul 2022 17:38

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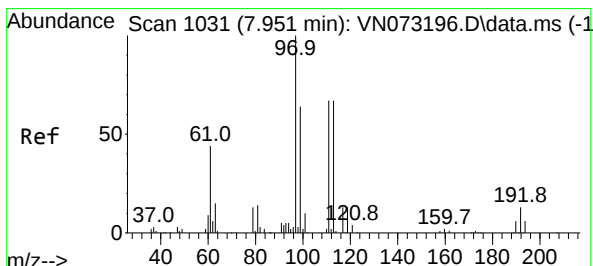
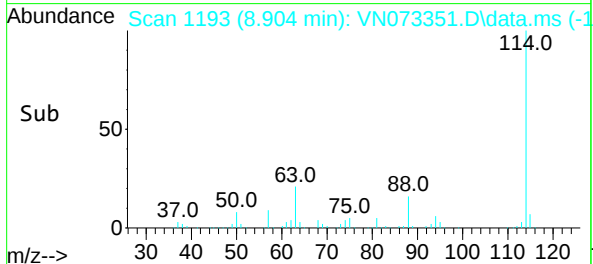
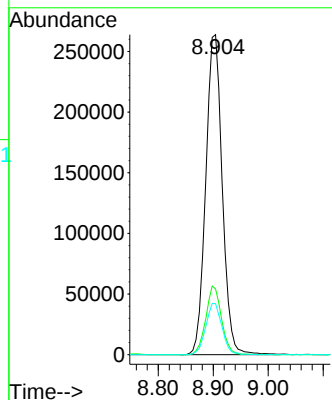
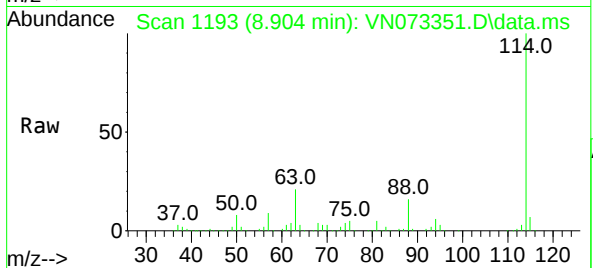
Tgt Ion:114 Resp: 550574

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

88 15.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.535 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073351.D

Acq: 06 Jul 2022 17:38

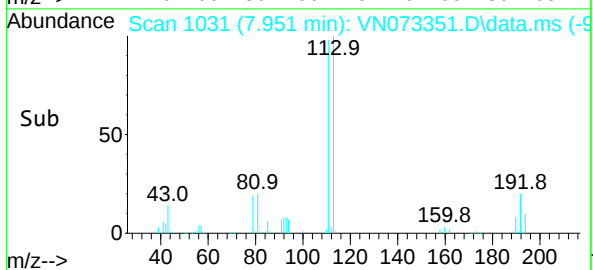
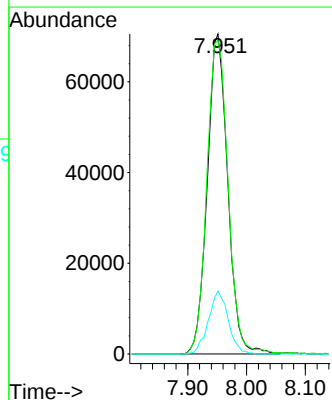
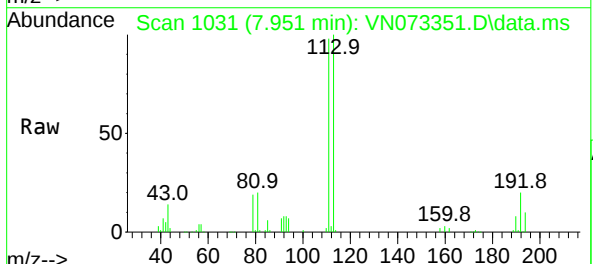
Tgt Ion:113 Resp: 170461

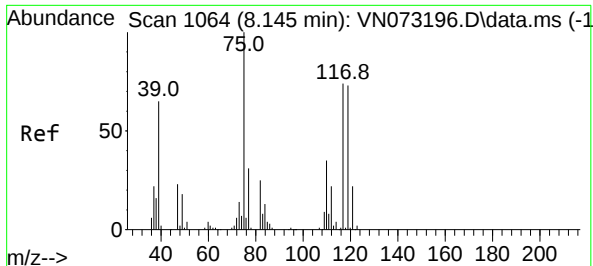
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 19.1 17.0 25.6

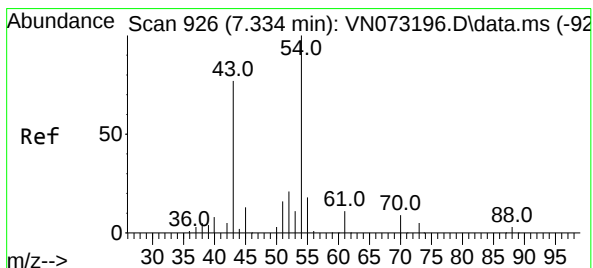
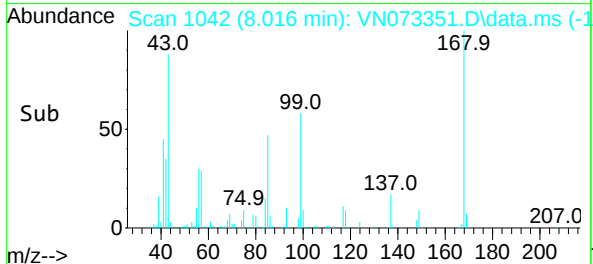
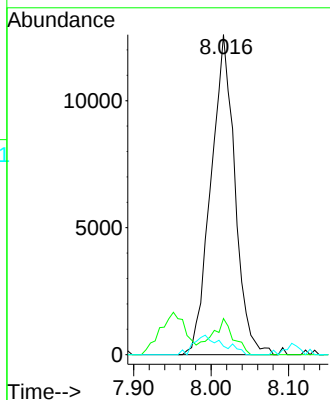
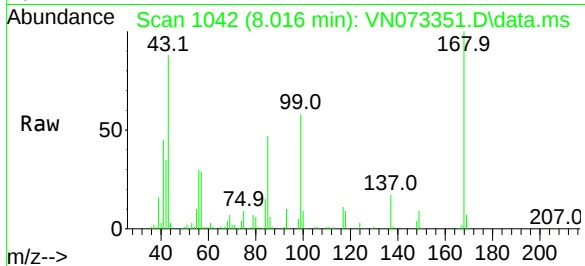




#36
1,1-Dichloropropene
Concen: 4.817 ug/l
RT: 8.016 min Scan# 11
Delta R.T. -0.129 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

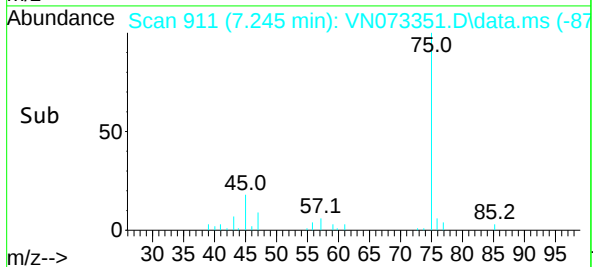
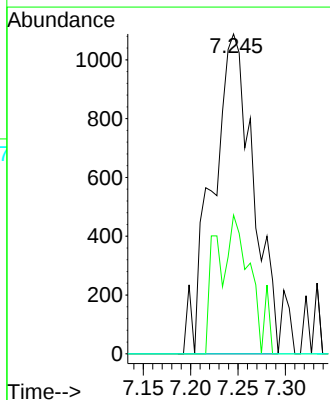
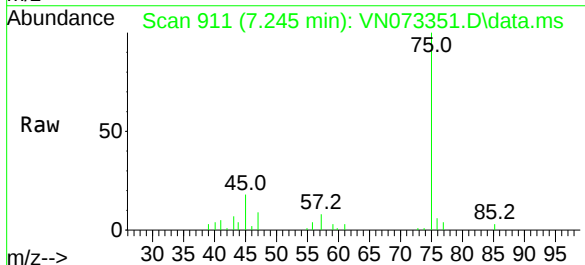
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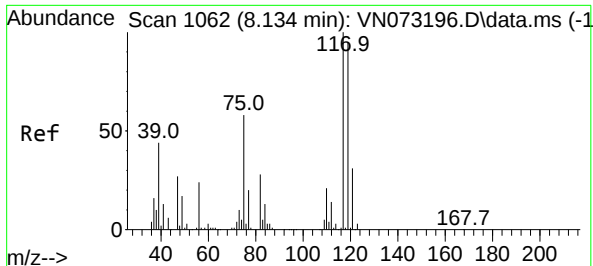
Tgt Ion: 75 Resp: 27150
Ion Ratio Lower Upper
75 100
110 10.2 18.3 54.8#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 0.382 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.089 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

Tgt Ion: 43 Resp: 3249
Ion Ratio Lower Upper
43 100
61 24.7 11.8 17.6#
70 0.0 9.3 13.9#

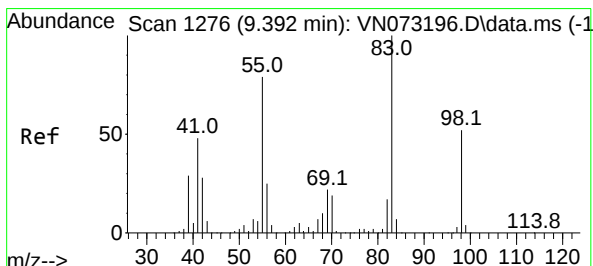
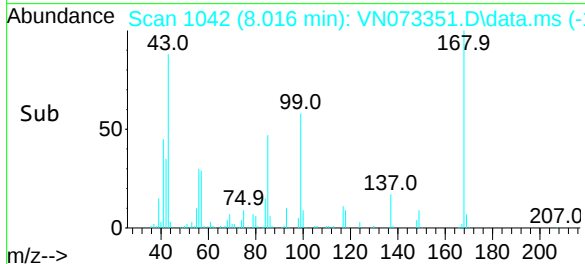
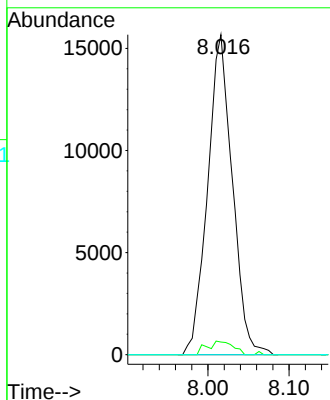
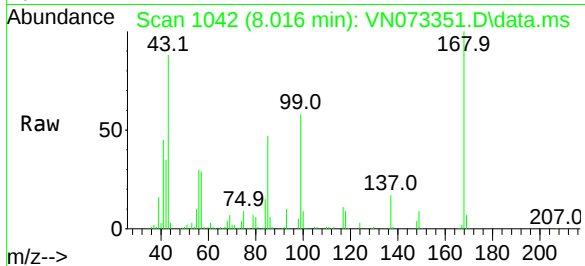




#38
Carbon Tetrachloride
Concen: 5.701 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

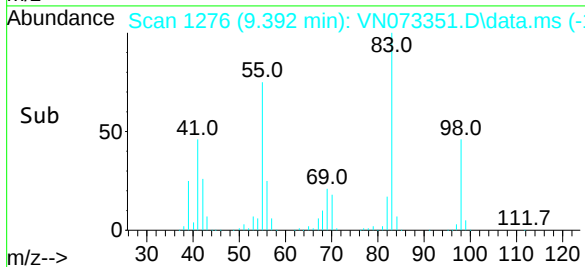
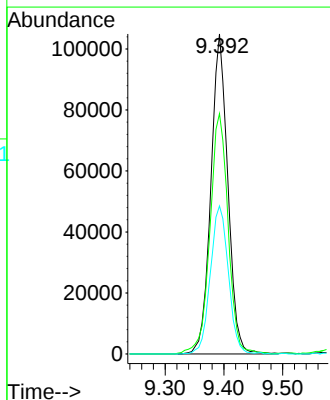
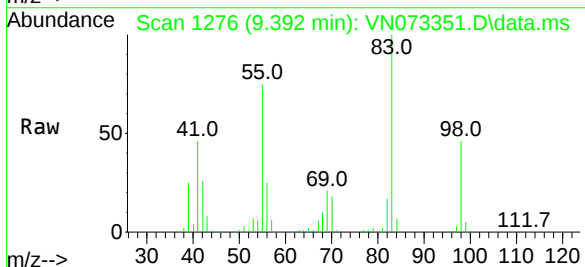
Instrument :
MSVOA_N
ClientSampleId :
31457

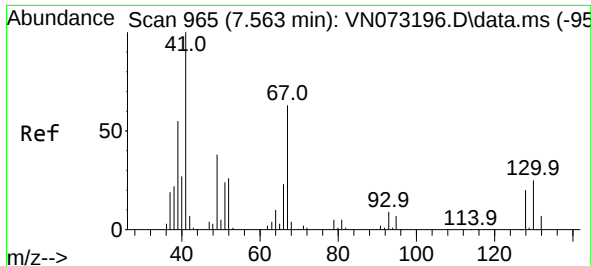
Tgt Ion:117 Resp: 33232
Ion Ratio Lower Upper
117 100
119 3.9 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 29.935 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. 0.000 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

Tgt Ion: 83 Resp: 210062
Ion Ratio Lower Upper
83 100
55 74.9 57.8 86.8
98 46.3 39.4 59.2

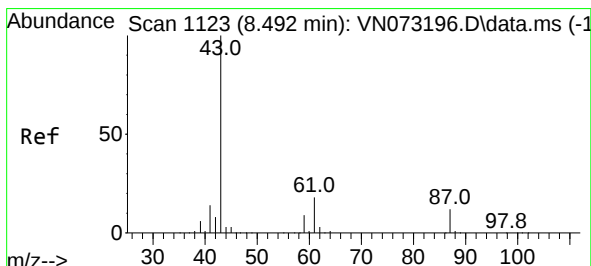
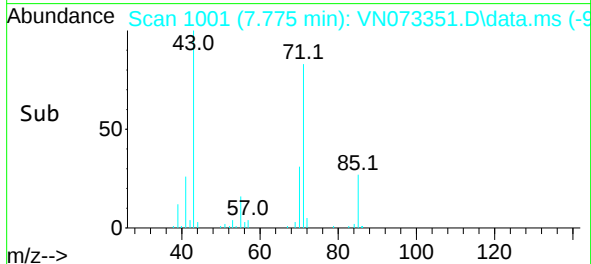
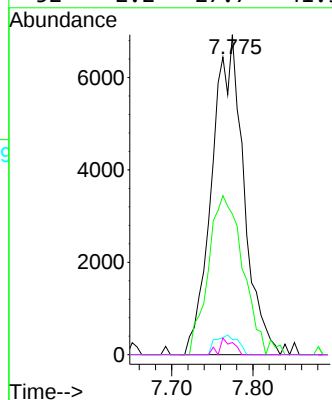
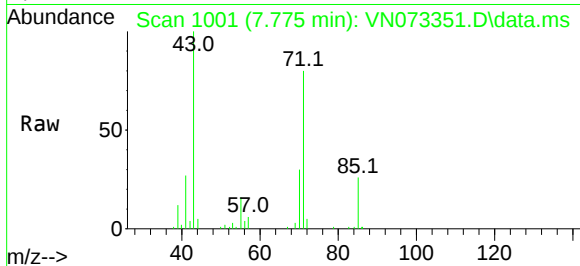




#41
Methacrylonitrile
Concen: 4.558 ug/l
RT: 7.775 min Scan# 1001
Delta R.T. 0.212 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

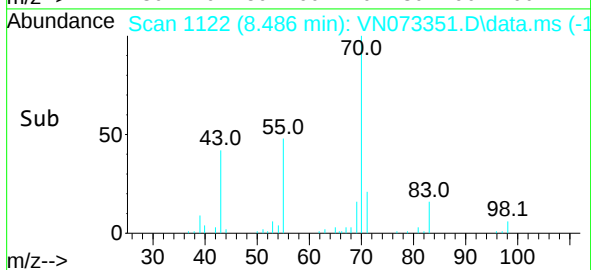
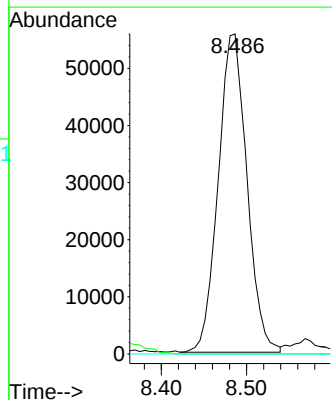
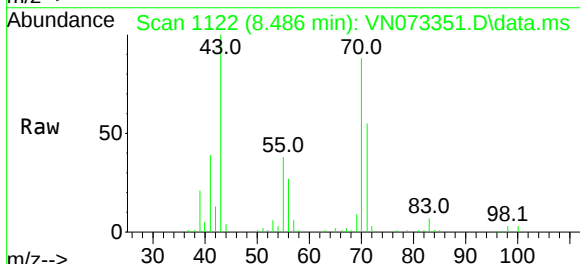
Instrument :
MSVOA_N
ClientSampleId :
31457

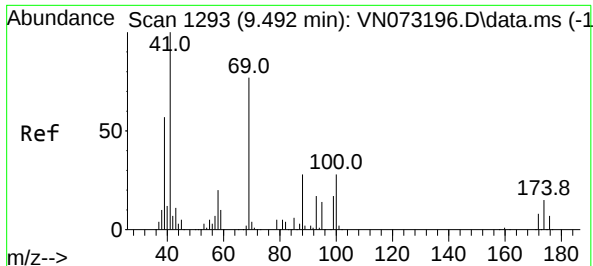
Tgt Ion:	41	Resp:	18826
Ion	Ratio	Lower	Upper
41	100		
39	53.7	48.6	73.0
67	4.3	73.4	110.2#
52	2.2	27.7	41.5#



#43
Isopropyl Acetate
Concen: 10.655 ug/l
RT: 8.486 min Scan# 1122
Delta R.T. -0.006 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

Tgt Ion:	43	Resp:	130406
Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.9	32.9#
87	0.0	12.0	18.0#

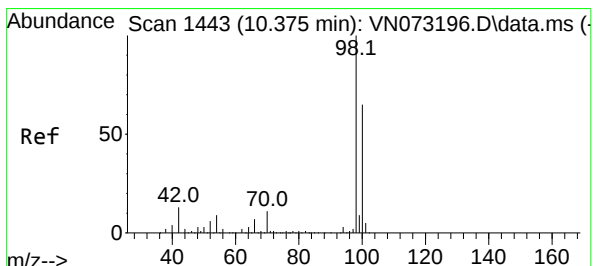
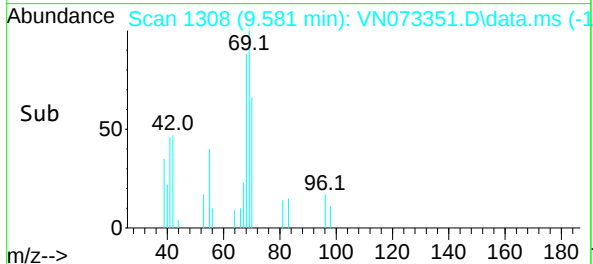
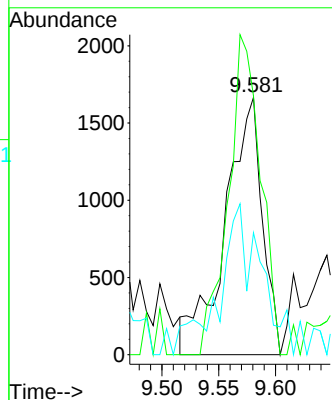
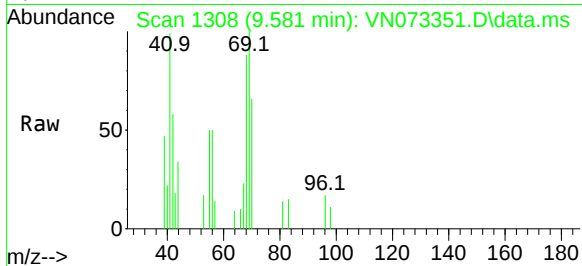




#48
Methyl methacrylate
Concen: 0.668 ug/l
RT: 9.581 min Scan# 11
Delta R.T. 0.088 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

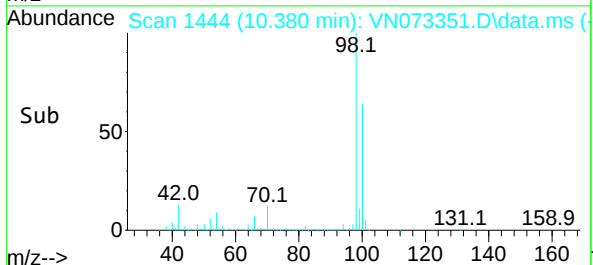
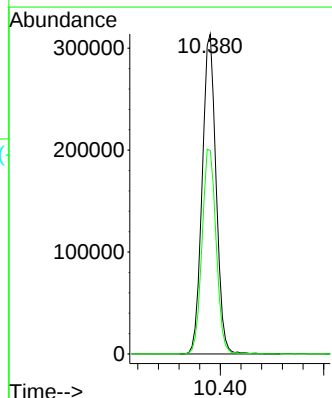
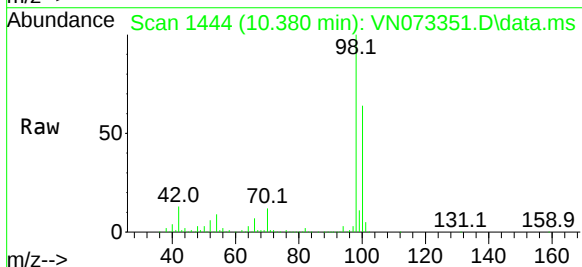
Instrument :
MSVOA_N
ClientSampleId :
31457

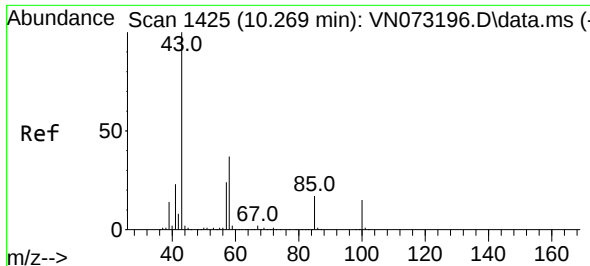
Tgt Ion: 41 Resp: 3785
Ion Ratio Lower Upper
41 100
69 108.3 74.7 112.1
39 0.0 45.6 68.4#



#50
Toluene-d8
Concen: 44.884 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

Tgt Ion: 98 Resp: 583941
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8

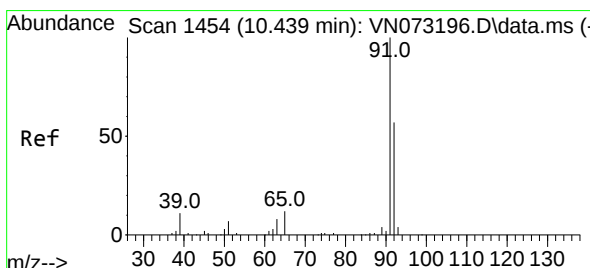
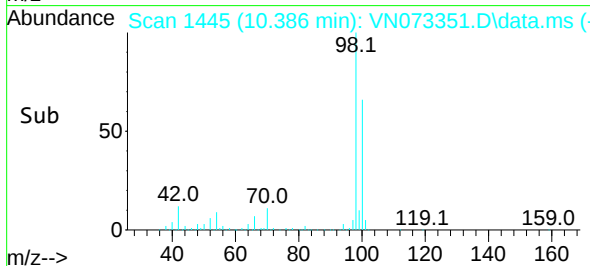
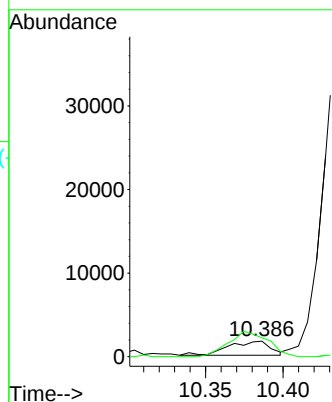
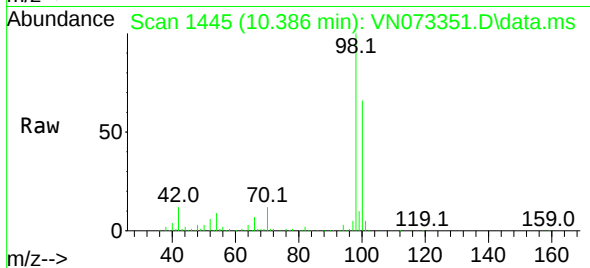




#51
4-Methyl-2-Pentanone
Concen: 0.413 ug/l
RT: 10.386 min Scan# 1425
Delta R.T. 0.117 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

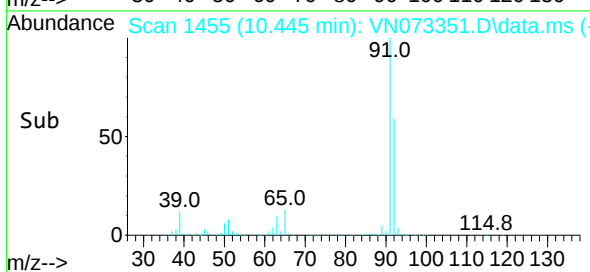
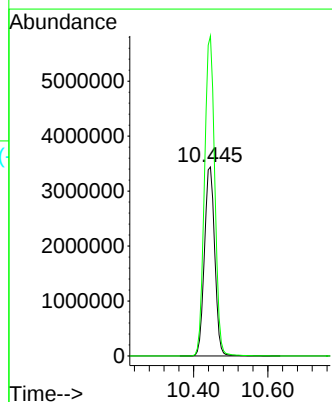
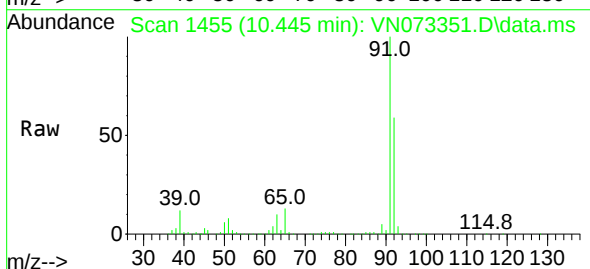
Instrument :
MSVOA_N
ClientSampleId :
31457

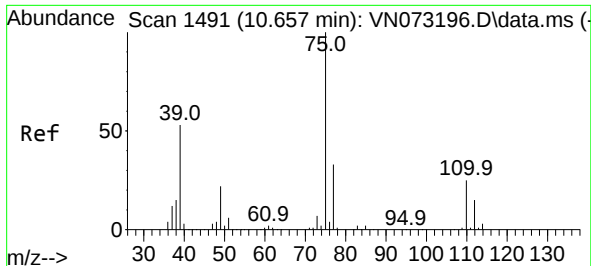
Tgt Ion: 43 Resp: 3203
Ion Ratio Lower Upper
43 100
58 169.0 34.1 51.1#



#52
Toluene
Concen: 616.039 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

Tgt Ion: 92 Resp: 6622340
Ion Ratio Lower Upper
92 100
91 169.6 138.6 207.8

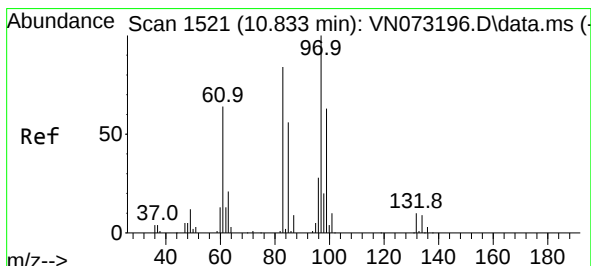
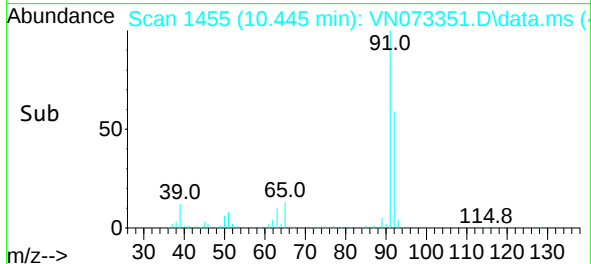
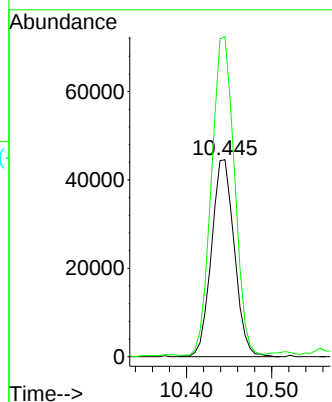
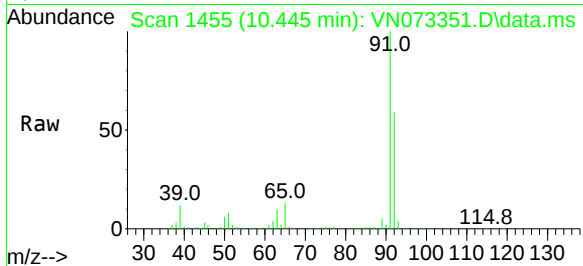




#53
t-1,3-Dichloropropene
Concen: 12.938 ug/l
RT: 10.445 min Scan# 1491
Delta R.T. -0.212 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

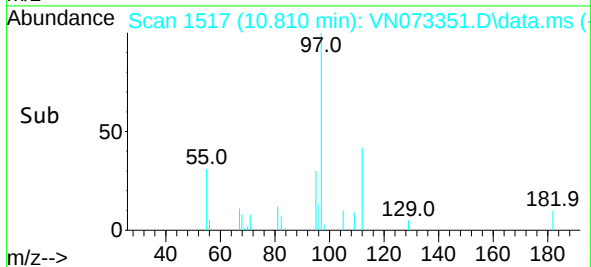
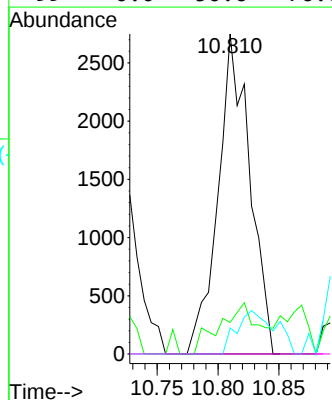
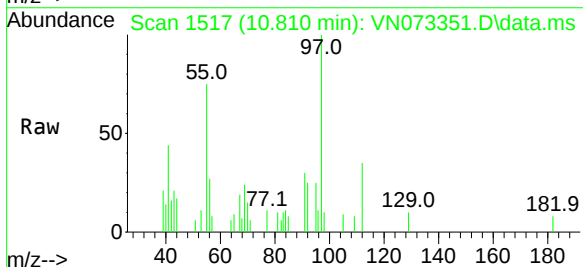
Instrument :
MSVOA_N
ClientSampleId :
31457

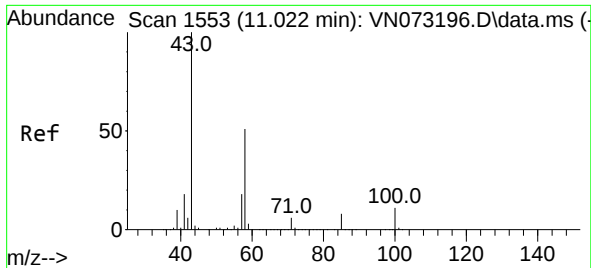
Tgt Ion: 75 Resp: 83045
Ion Ratio Lower Upper
75 100
77 162.0 25.6 38.4#



#55
1,1,2-Trichloroethane
Concen: 1.128 ug/l
RT: 10.810 min Scan# 1517
Delta R.T. -0.023 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

Tgt Ion: 97 Resp: 4990
Ion Ratio Lower Upper
97 100
83 9.9 66.2 99.4#
85 8.1 43.9 65.9#
99 0.0 50.6 76.0#

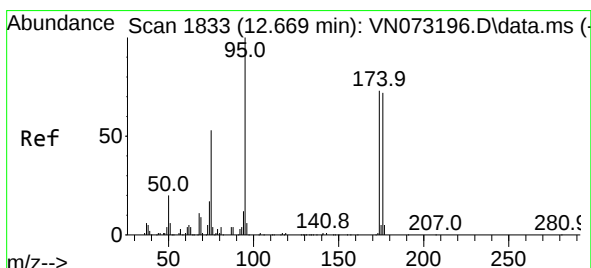
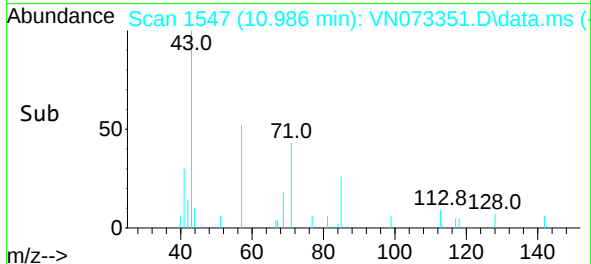
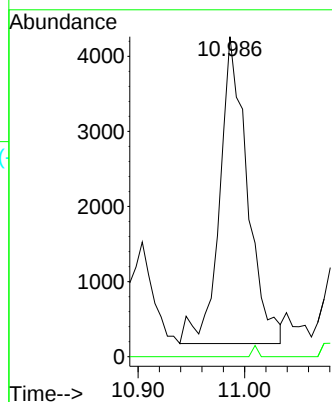
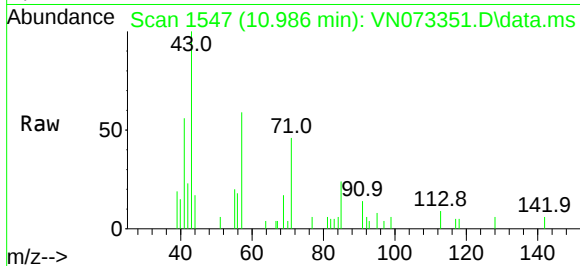




#59
2-Hexanone
Concen: 1.254 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. -0.036 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

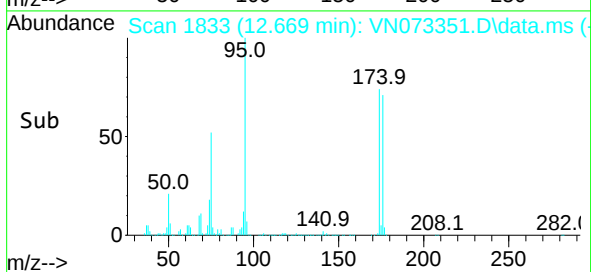
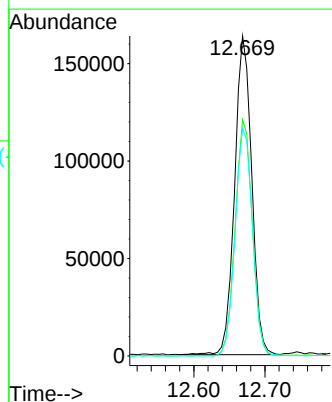
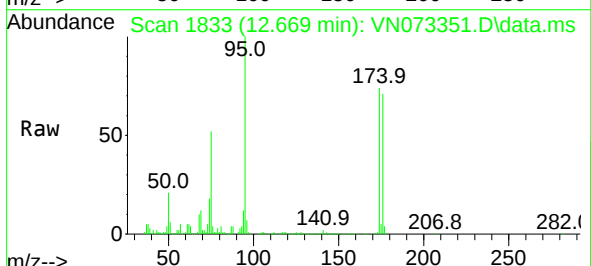
Instrument :
MSVOA_N
ClientSampleId :
31457

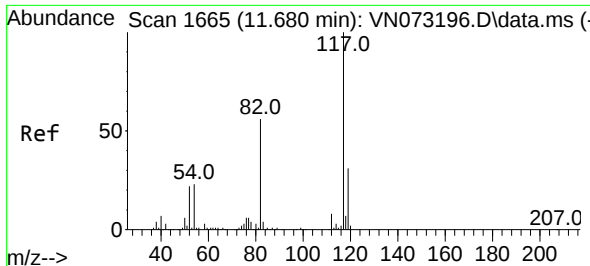
Tgt Ion: 43 Resp: 7417
Ion Ratio Lower Upper
43 100
58 0.0 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 54.853 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

Tgt Ion: 95 Resp: 274247
Ion Ratio Lower Upper
95 100
174 74.8 0.0 167.6
176 72.8 0.0 163.4

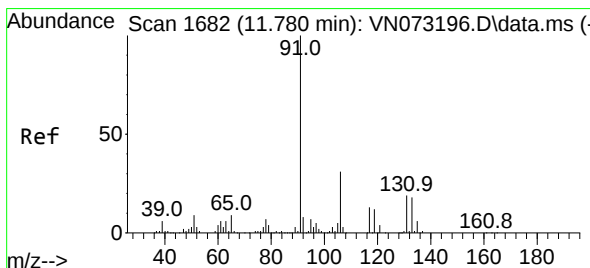
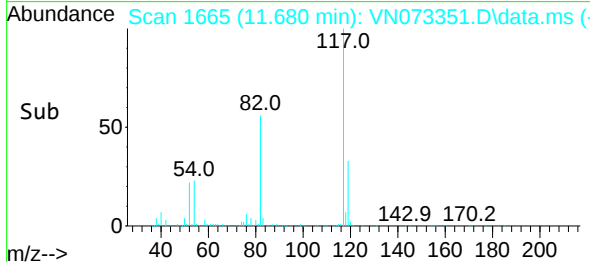
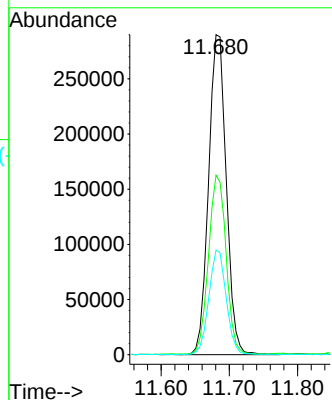
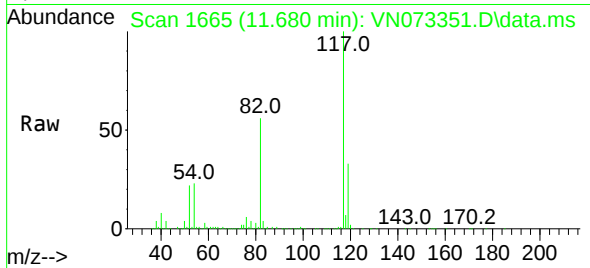




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

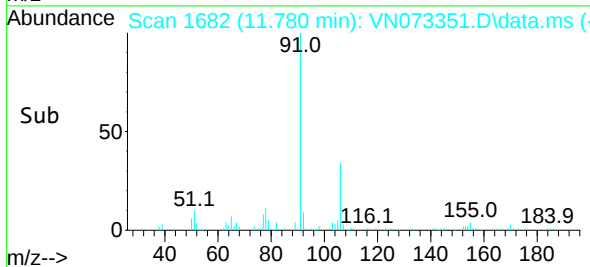
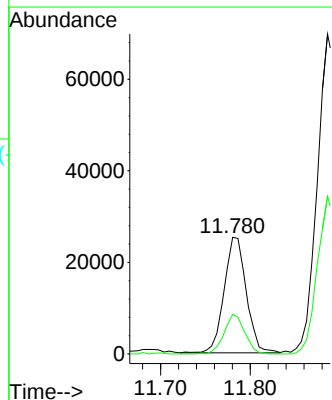
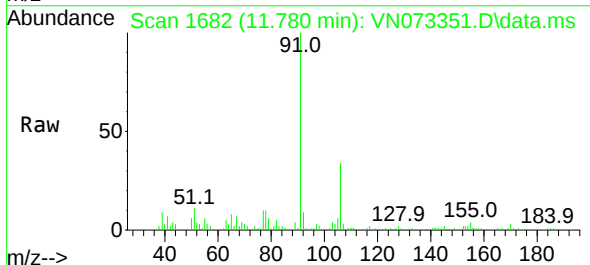
Instrument :
MSVOA_N
ClientSampleId :
31457

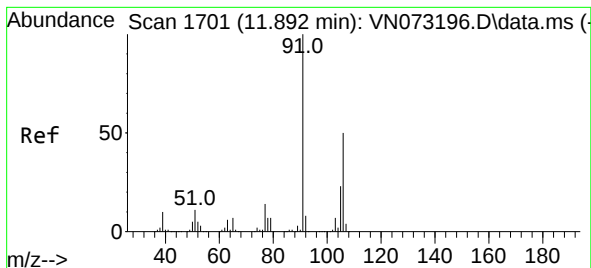
Tgt Ion:117 Resp: 522928
Ion Ratio Lower Upper
117 100
82 55.9 44.2 66.2
119 32.6 25.4 38.0



#67
Ethyl Benzene
Concen: 2.019 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

Tgt Ion: 91 Resp: 43349
Ion Ratio Lower Upper
91 100
106 34.3 24.9 37.3

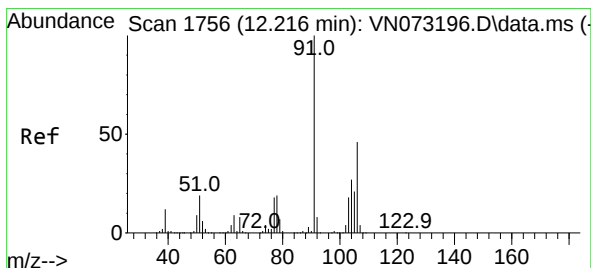
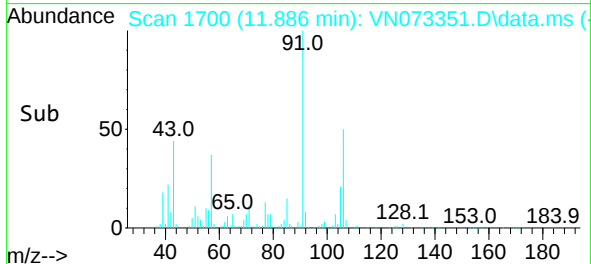
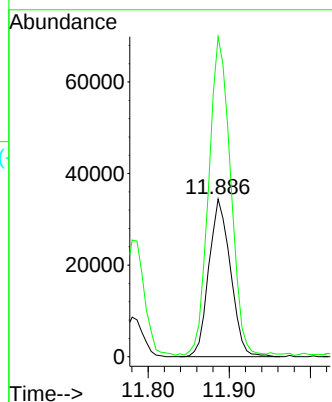
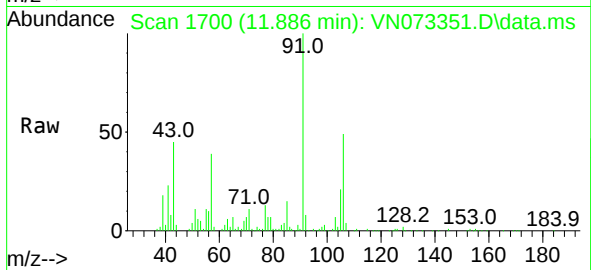




#68
m/p-Xylenes
Concen: 7.858 ug/l
RT: 11.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

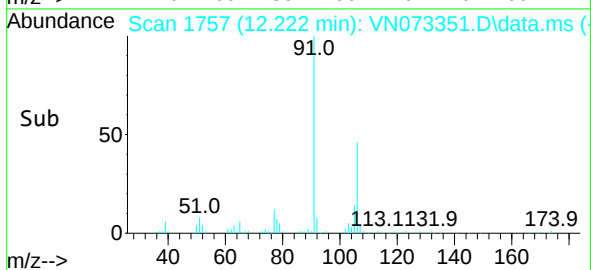
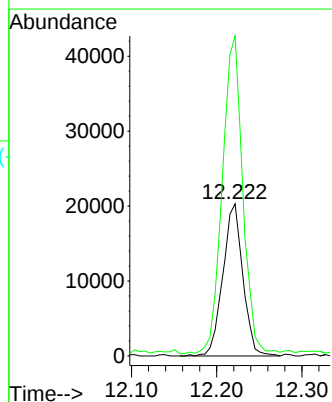
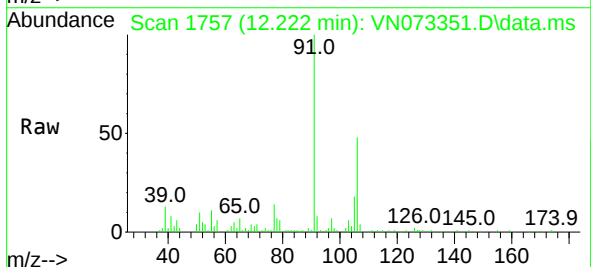
Instrument :
MSVOA_N
ClientSampleId :
31457

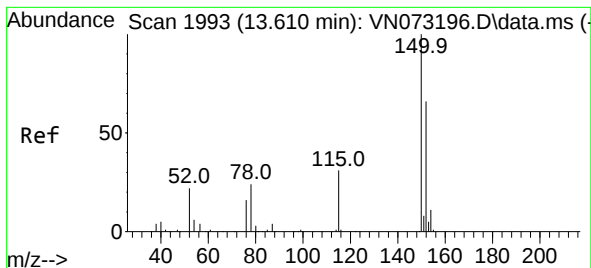
Tgt Ion:106 Resp: 63673
Ion Ratio Lower Upper
106 100
91 203.6 158.9 238.3



#69
o-Xylene
Concen: 4.007 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.006 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

Tgt Ion:106 Resp: 33145
Ion Ratio Lower Upper
106 100
91 212.3 106.0 318.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN073351.D

Acq: 06 Jul 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

31457

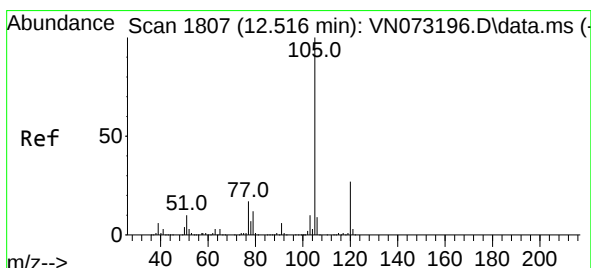
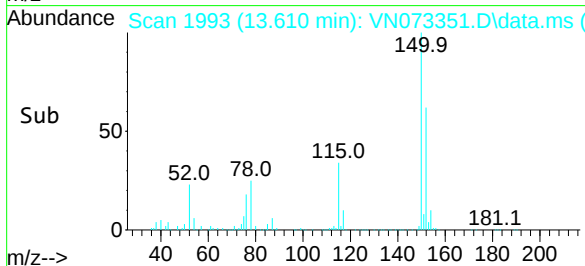
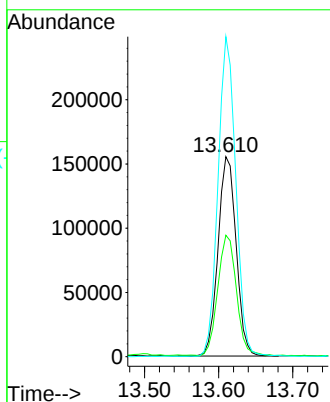
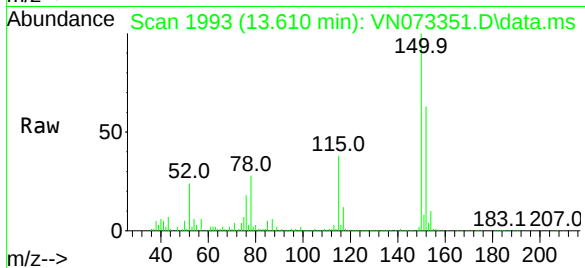
Tgt Ion:152 Resp: 263615

Ion Ratio Lower Upper

152 100

115 62.2 28.9 86.7

150 157.1 0.0 356.2



#73

Isopropylbenzene

Concen: 0.651 ug/l

RT: 12.516 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN073351.D

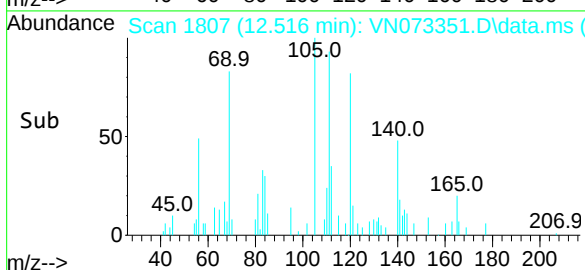
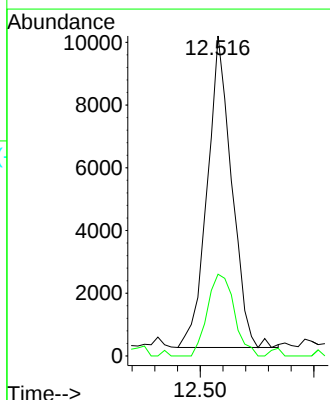
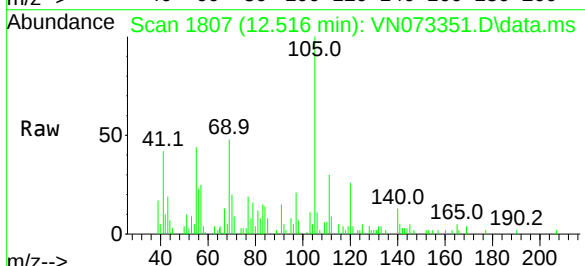
Acq: 06 Jul 2022 17:38

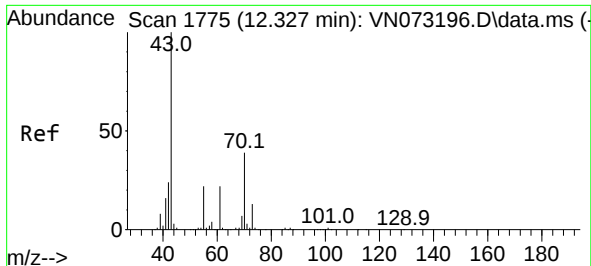
Tgt Ion:105 Resp: 14819

Ion Ratio Lower Upper

105 100

120 28.7 13.5 40.4

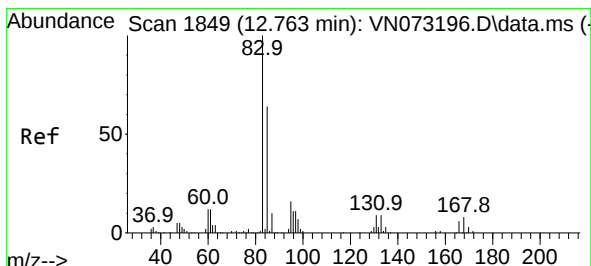
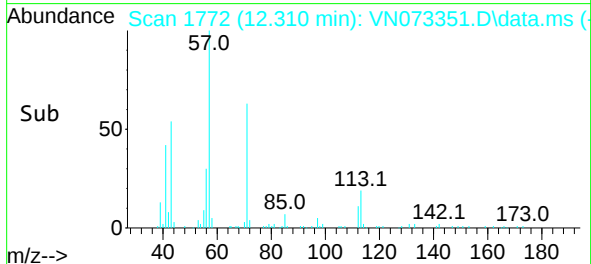
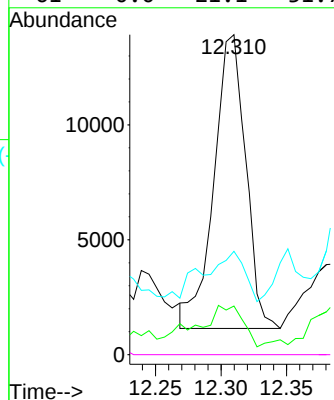
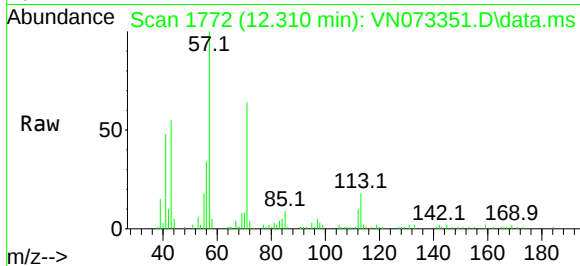




#74
N-amy1 acetate
Concen: 1.885 ug/l
RT: 12.310 min Scan# 1772
Delta R.T. -0.017 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

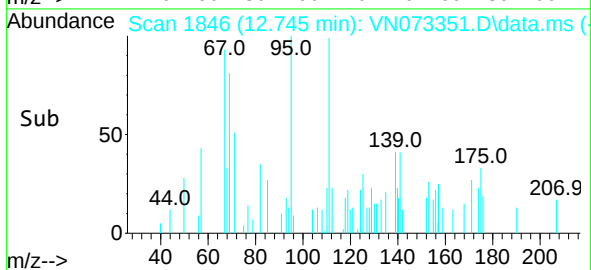
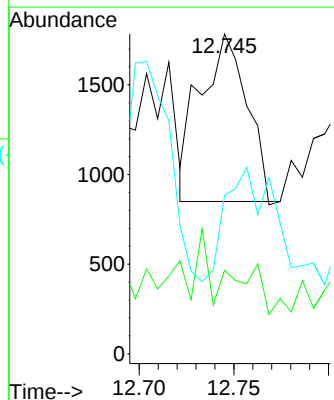
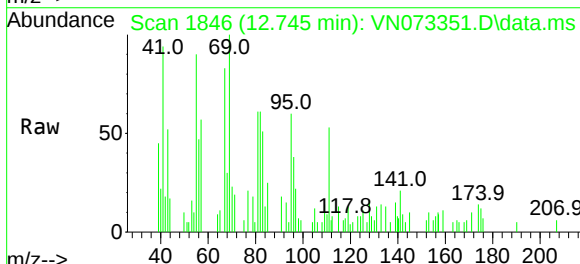
Instrument :
MSVOA_N
ClientSampleId :
31457

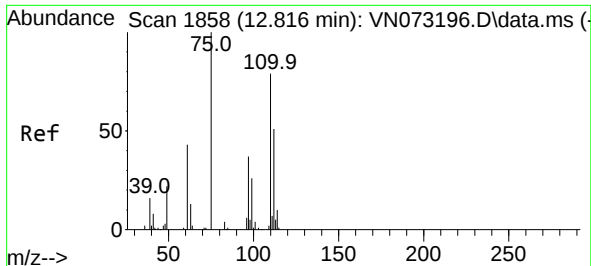
Tgt Ion:	43	Resp:	21492
Ion	Ratio	Lower	Upper
43	100		
70	11.4	39.0	58.4#
55	13.3	21.1	31.7#
61	0.0	21.1	31.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.213 ug/l
RT: 12.745 min Scan# 1846
Delta R.T. -0.018 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

Tgt Ion:	83	Resp:	1609
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.3	15.9
85	80.6	32.3	96.9

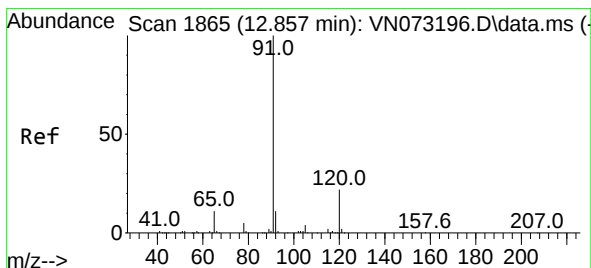
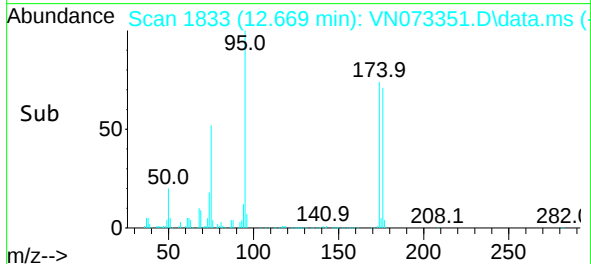
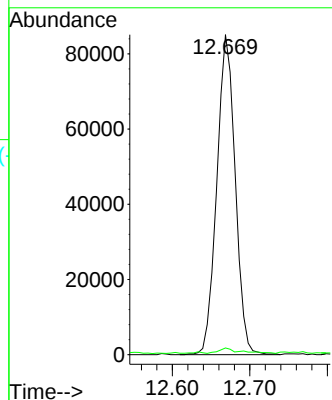
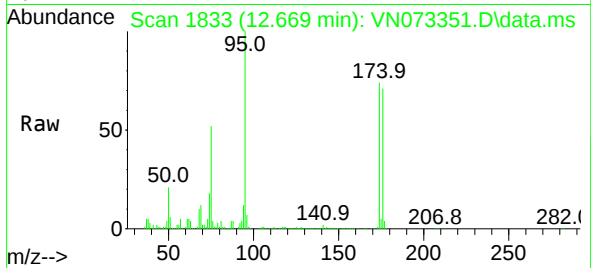




#76
1,2,3-Trichloropropane
Concen: 20.369 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

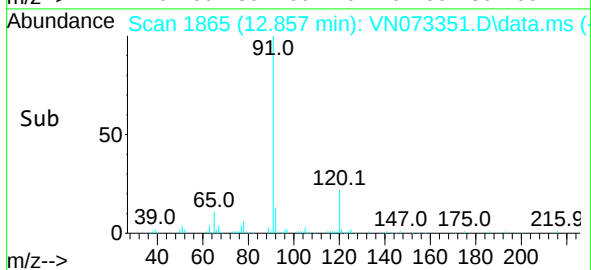
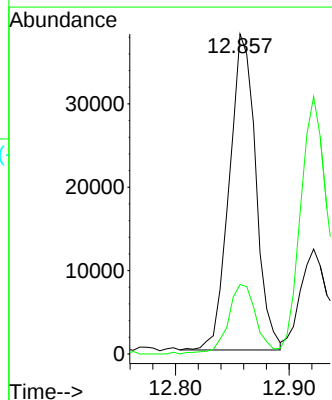
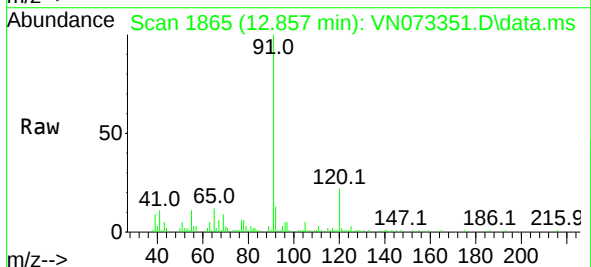
Instrument :
MSVOA_N
ClientSampleId :
31457

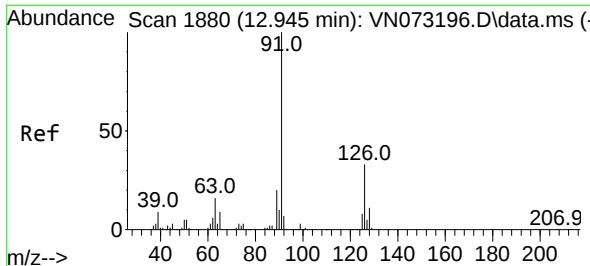
Tgt Ion: 75 Resp: 140401
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#78
n-propylbenzene
Concen: 2.426 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

Tgt Ion: 91 Resp: 61354
Ion Ratio Lower Upper
91 100
120 23.1 11.9 35.5

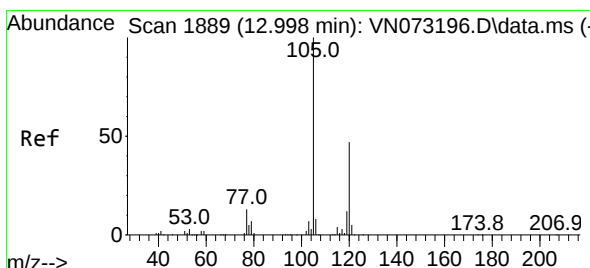
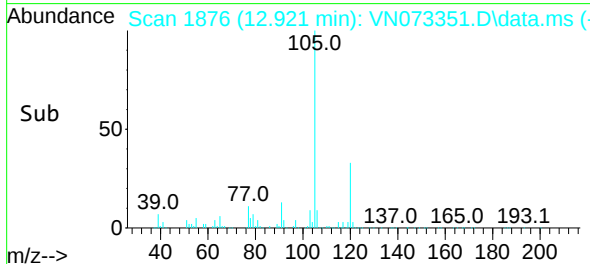
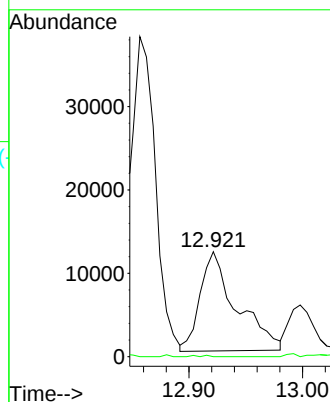
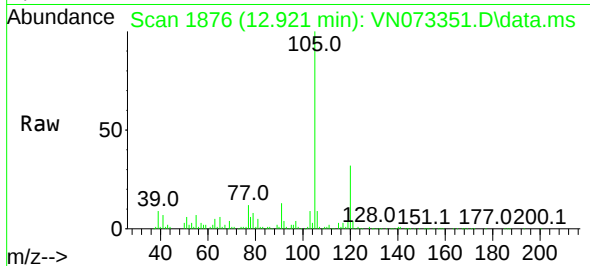




#79
2-Chlorotoluene
Concen: 1.664 ug/l
RT: 12.921 min Scan# 1876
Delta R.T. -0.024 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

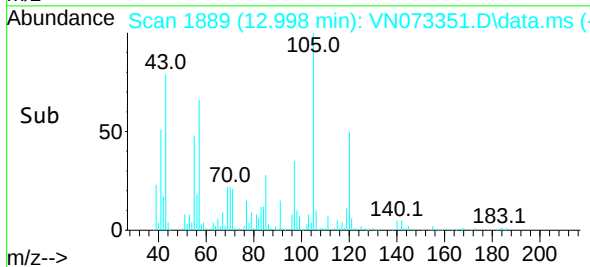
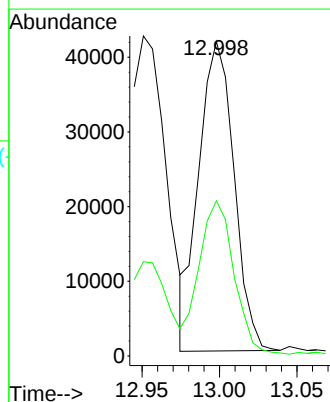
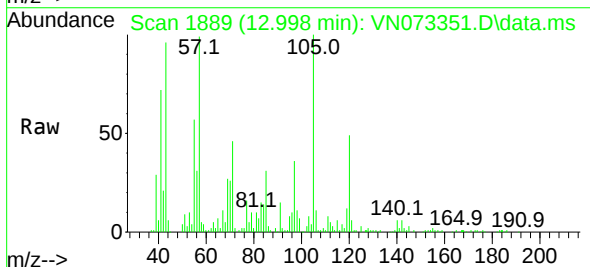
Instrument :
MSVOA_N
ClientSampleId :
31457

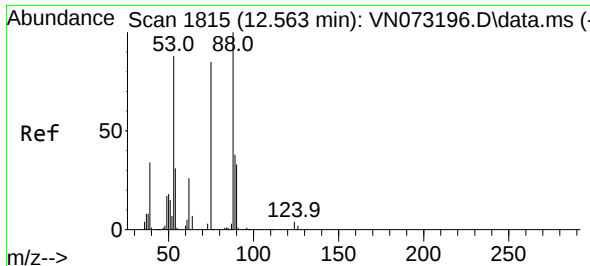
Tgt Ion: 91 Resp: 26628
Ion Ratio Lower Upper
91 100
126 0.4 17.3 51.9#



#80
1,3,5-Trimethylbenzene
Concen: 3.531 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

Tgt Ion: 105 Resp: 65515
Ion Ratio Lower Upper
105 100
120 49.4 24.9 74.7

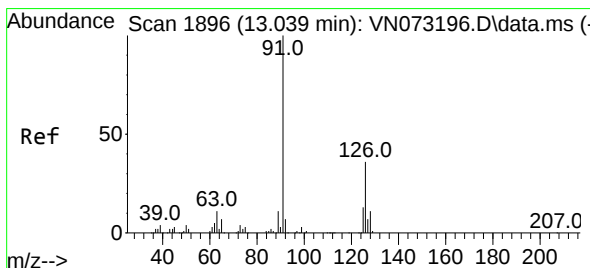
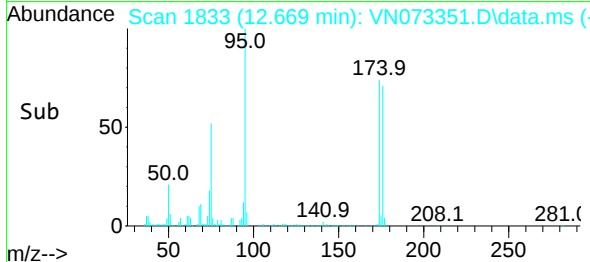
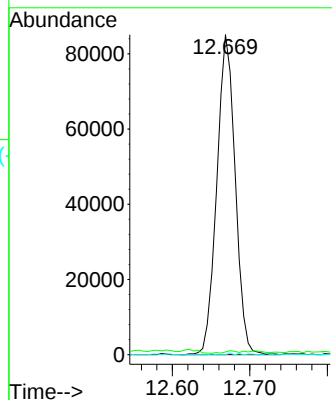
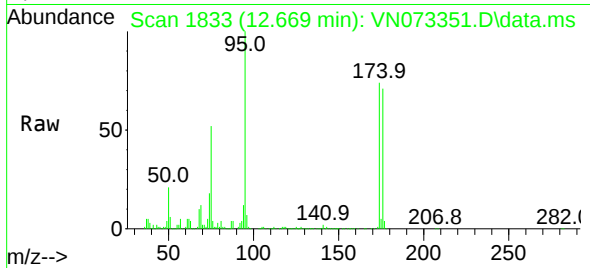




#81
trans-1,4-Dichloro-2-butene
Concen: 55.860 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

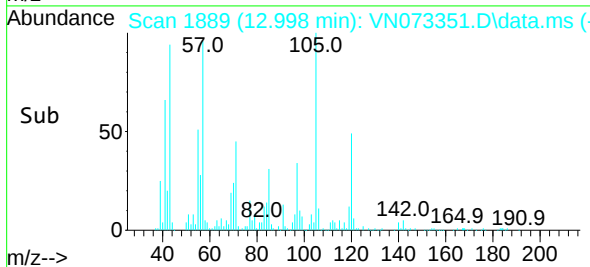
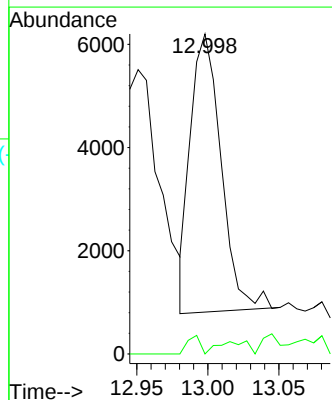
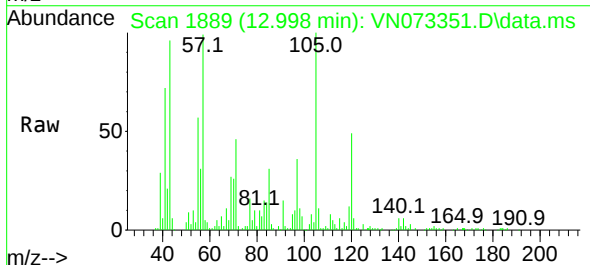
Instrument :
MSVOA_N
ClientSampleId :
31457

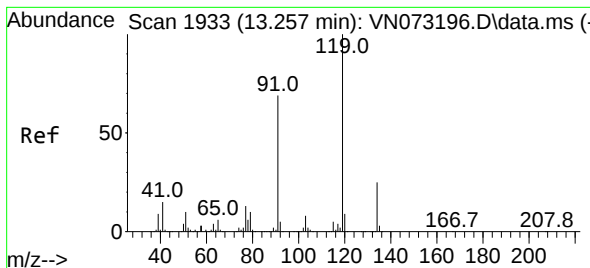
Tgt Ion: 75 Resp: 140401
Ion Ratio Lower Upper
75 100
53 0.5 78.0 117.0#
89 0.3 37.2 55.8#



#82
4-Chlorotoluene
Concen: 0.523 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.041 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

Tgt Ion: 91 Resp: 8100
Ion Ratio Lower Upper
91 100
126 2.7 17.2 51.6#





#83

tert-Butylbenzene

Concen: 1.959 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. 0.047 min

Lab File: VN073351.D

Acq: 06 Jul 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

31457

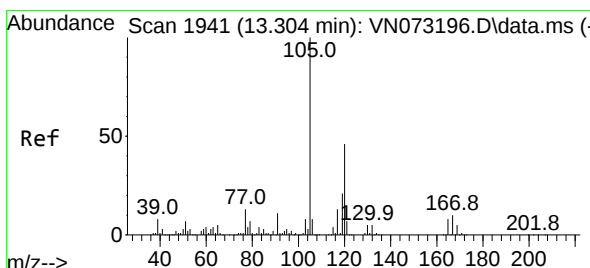
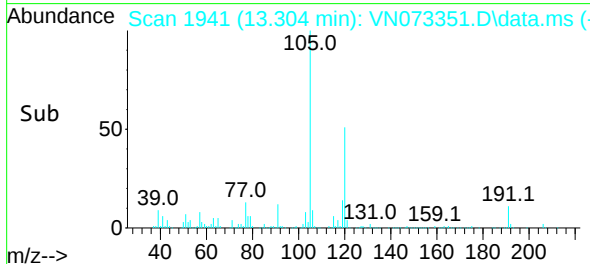
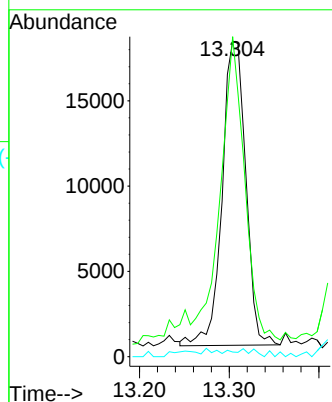
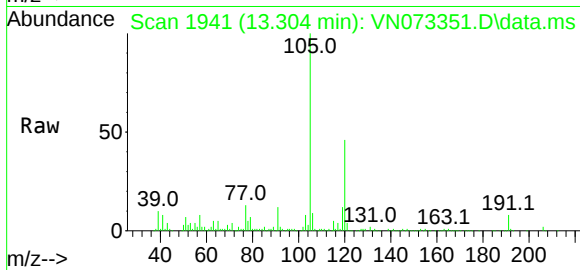
Tgt Ion:119 Resp: 32587

Ion Ratio Lower Upper

119 100

91 101.7 31.6 94.8#

134 1.4 13.7 41.1#



#84

1,2,4-Trimethylbenzene

Concen: 13.696 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.000 min

Lab File: VN073351.D

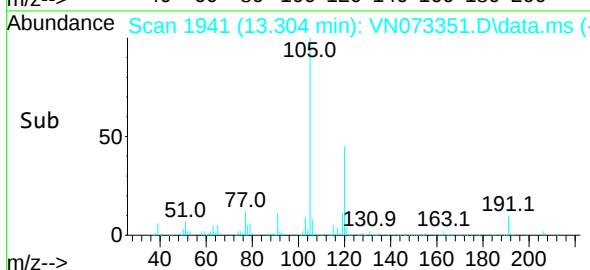
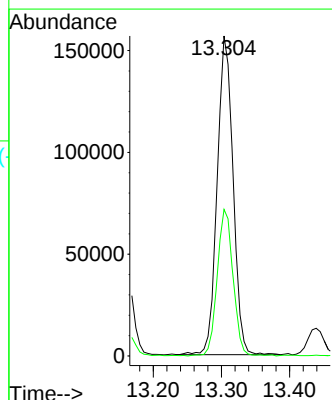
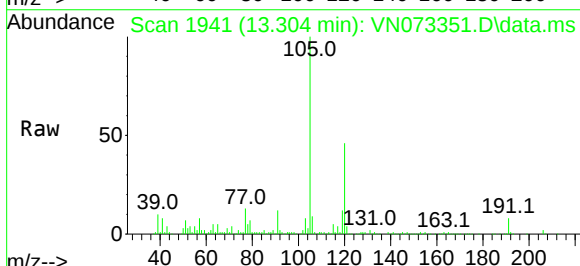
Acq: 06 Jul 2022 17:38

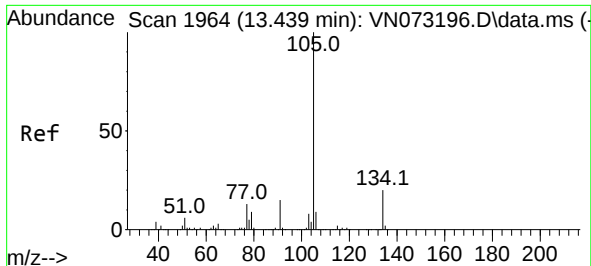
Tgt Ion:105 Resp: 253713

Ion Ratio Lower Upper

105 100

120 45.7 23.3 69.8

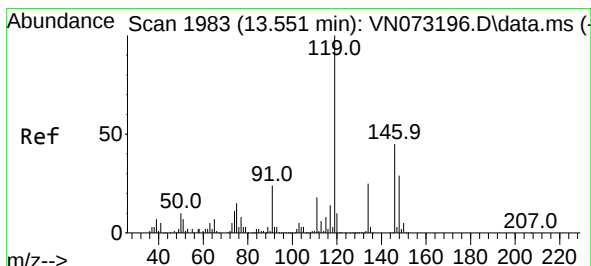
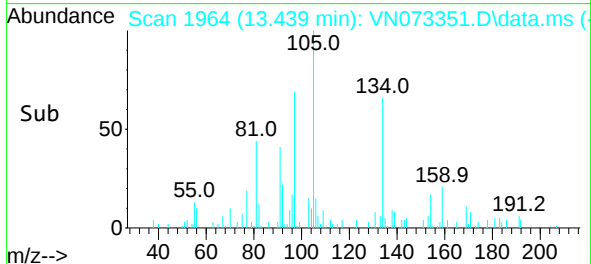
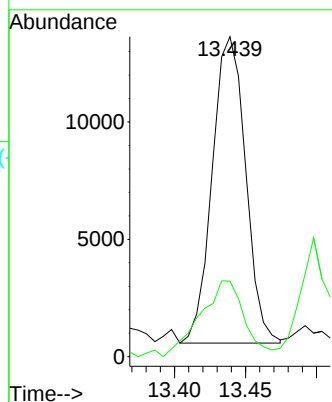
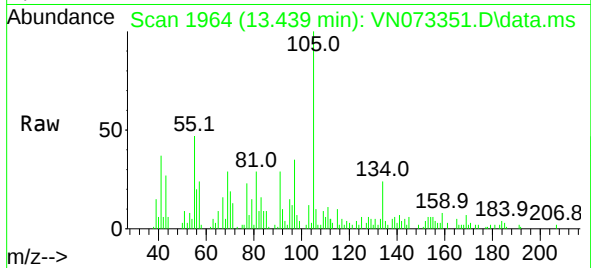




#85
 sec-Butylbenzene
 Concen: 0.955 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073351.D
 Acq: 06 Jul 2022 17:38

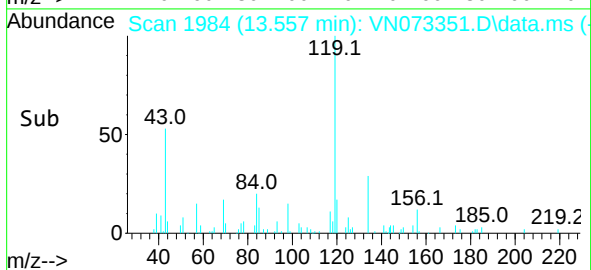
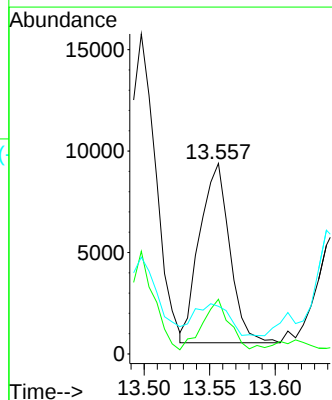
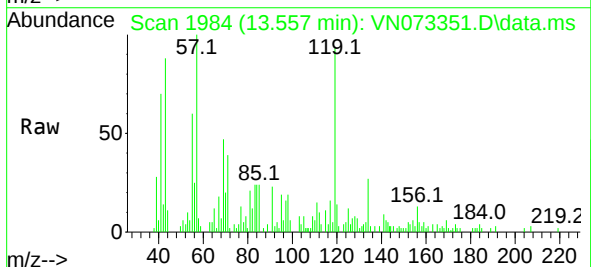
Instrument :
 MSVOA_N
 ClientSampleId :
 31457

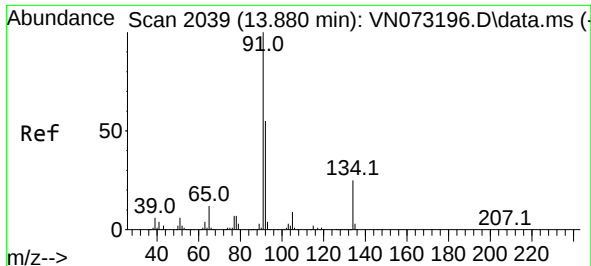
Tgt Ion:105 Resp: 21332
 Ion Ratio Lower Upper
 105 100
 134 33.2 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 0.782 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN073351.D
 Acq: 06 Jul 2022 17:38

Tgt Ion:119 Resp: 14111
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 20.1 11.3 33.9

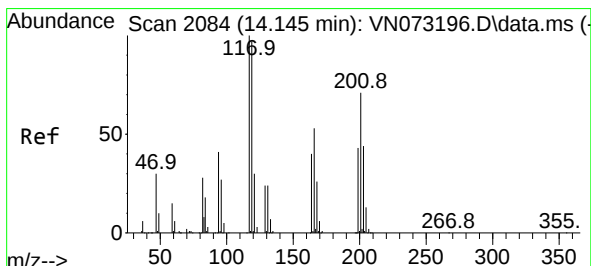
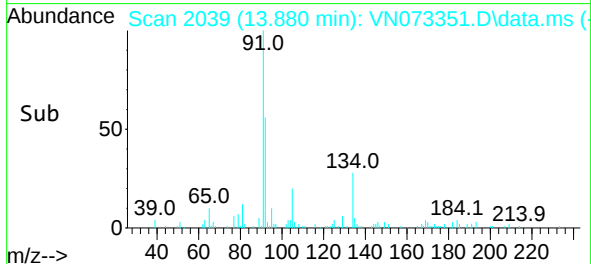
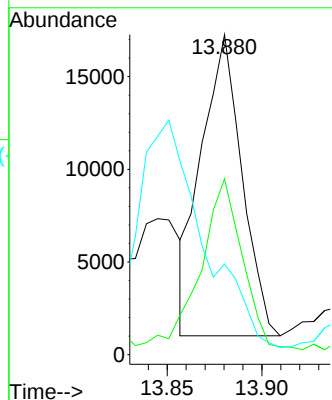
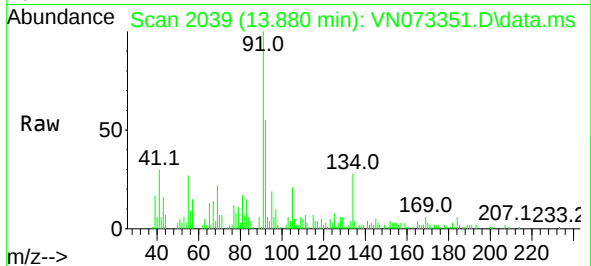




#89
n-Butylbenzene
Concen: 1.613 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

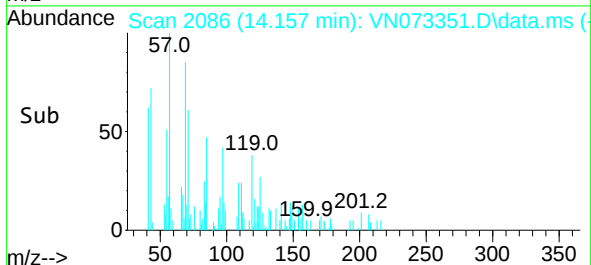
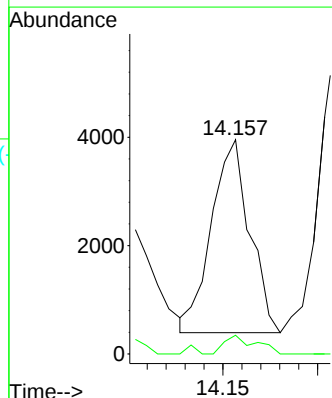
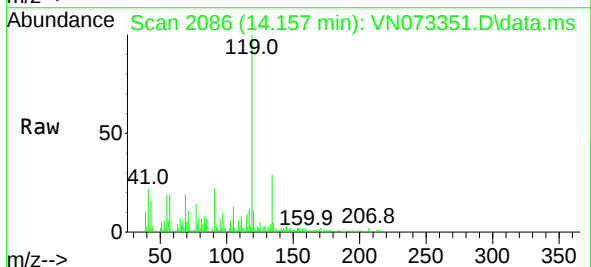
Instrument :
MSVOA_N
ClientSampleId :
31457

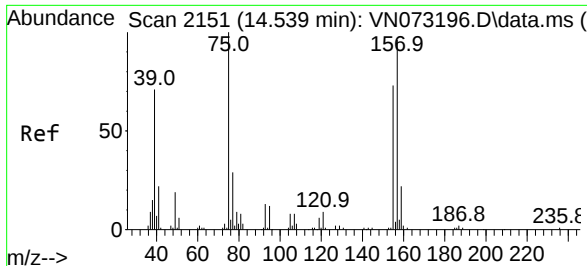
Tgt Ion: 91 Resp: 24257
Ion Ratio Lower Upper
91 100
92 59.2 26.9 80.7
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 1.487 ug/l
RT: 14.157 min Scan# 2086
Delta R.T. 0.012 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

Tgt Ion: 117 Resp: 5002
Ion Ratio Lower Upper
117 100
201 7.9 40.6 122.0#

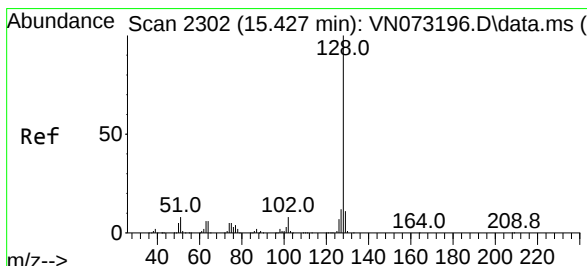
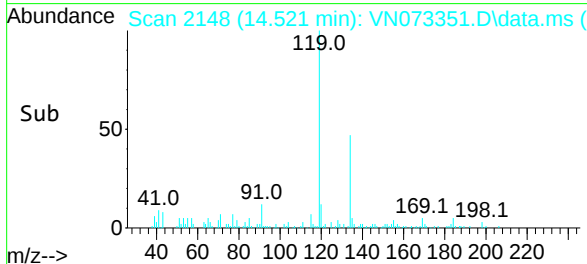
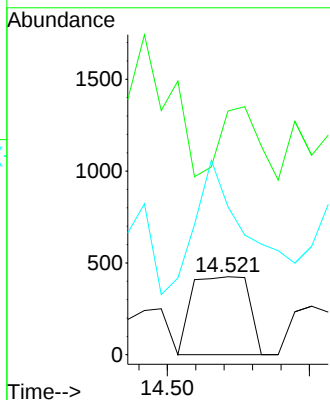
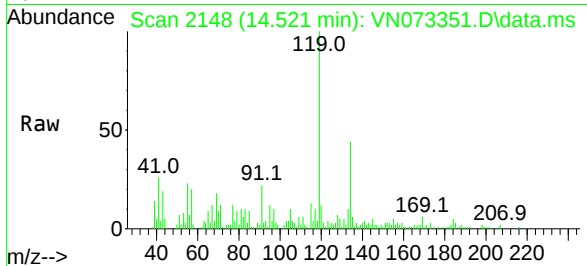




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.321 ug/l
RT: 14.521 min Scan# 2151
Delta R.T. -0.018 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

Instrument :
MSVOA_N
ClientSampleId :
31457

Tgt Ion: 75 Resp: 589
Ion Ratio Lower Upper
75 100
155 64.0 44.9 134.5
157 161.1 59.0 176.8



#95
Naphthalene
Concen: 1.372 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073351.D
Acq: 06 Jul 2022 17:38

Tgt Ion: 128 Resp: 27870
Ion Ratio Lower Upper
128 100
127 11.6 10.3 15.5
129 12.6 8.6 13.0

