

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070722\
 Data File : VN073378.D
 Acq On : 07 Jul 2022 17:59
 Operator : JC\MD
 Sample : N3586-02
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31268

Quant Time: Jul 08 03:03:22 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	8.010	168	272349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.892	114	454666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	433363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	219388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	165729	42.152	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.300%
35) Dibromofluoromethane	7.945	113	139957	46.267	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.540%
50) Toluene-d8	10.375	98	483284	44.983	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.960%
62) 4-Bromofluorobenzene	12.669	95	223874	54.223	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.440%
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	974	0.252	ug/l	97
5) Bromomethane	2.769	94	900	0.580	ug/l #	48
10) Methyl Iodide	4.269	142	1716	4.076	ug/l #	86
11) Tert butyl alcohol	5.204	59	34218	35.927	ug/l #	73
15) Acrylonitrile	5.498	53	2005	0.818	ug/l #	34
16) Acetone	4.263	43	3662	1.659	ug/l #	86
17) Carbon Disulfide	4.375	76	3322	0.400	ug/l #	75
18) Methyl Acetate	4.781	43	5331	0.862	ug/l	97
20) Methylene Chloride	4.963	84	2473	0.638	ug/l #	83
25) 2-Butanone	7.292	43	3711	1.056	ug/l #	45
29) Tetrahydrofuran	7.640	42	3802	1.580	ug/l #	84
31) Cyclohexane	7.987	56	5064	0.786	ug/l #	66
37) Ethyl Acetate	7.292	43	3711	0.528	ug/l #	72
38) Carbon Tetrachloride	8.004	117	28188	5.856	ug/l #	17
39) Methylcyclohexane	9.386	83	18343	3.165	ug/l	90
48) Methyl methacrylate	9.510	41	1437	0.307	ug/l #	34
49) 1,4-Dioxane	9.545	88	67	0.754	ug/l #	1
51) 4-Methyl-2-Pentanone	10.281	43	4535	0.708	ug/l #	82
52) Toluene	10.439	92	303097	34.143	ug/l	99
55) 1,1,2-Trichloroethane	10.810	97	2942	0.805	ug/l #	24
56) Ethyl methacrylate	10.704	69	1682	0.285	ug/l #	1
59) 2-Hexanone	11.028	43	4789	0.980	ug/l	78
67) Ethyl Benzene	11.780	91	54369	3.056	ug/l	96
68) m/p-Xylenes	11.892	106	92889	13.833	ug/l	98
69) o-Xylene	12.222	106	51288	7.481	ug/l	96
70) Styrene	12.222	104	4658	0.440	ug/l #	1
73) Isopropylbenzene	12.522	105	18769	0.991	ug/l	97
74) N-amyl acetate	12.304	43	19056	2.009	ug/l #	59
76) 1,2,3-Trichloropropane	12.669	75	118917	20.730	ug/l #	1
77) Bromobenzene	12.792	156	1275	0.289	ug/l #	64
78) n-propylbenzene	12.863	91	76146	3.618	ug/l	99
79) 2-Chlorotoluene	13.039	91	4080	0.306	ug/l	89
80) 1,3,5-Trimethylbenzene	12.998	105	101325	6.562	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.669	75	118917	56.850	ug/l #	10
82) 4-Chlorotoluene	13.039	91	3887	0.301	ug/l	85
84) 1,2,4-Trimethylbenzene	13.310	105	382713	24.824	ug/l	99

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

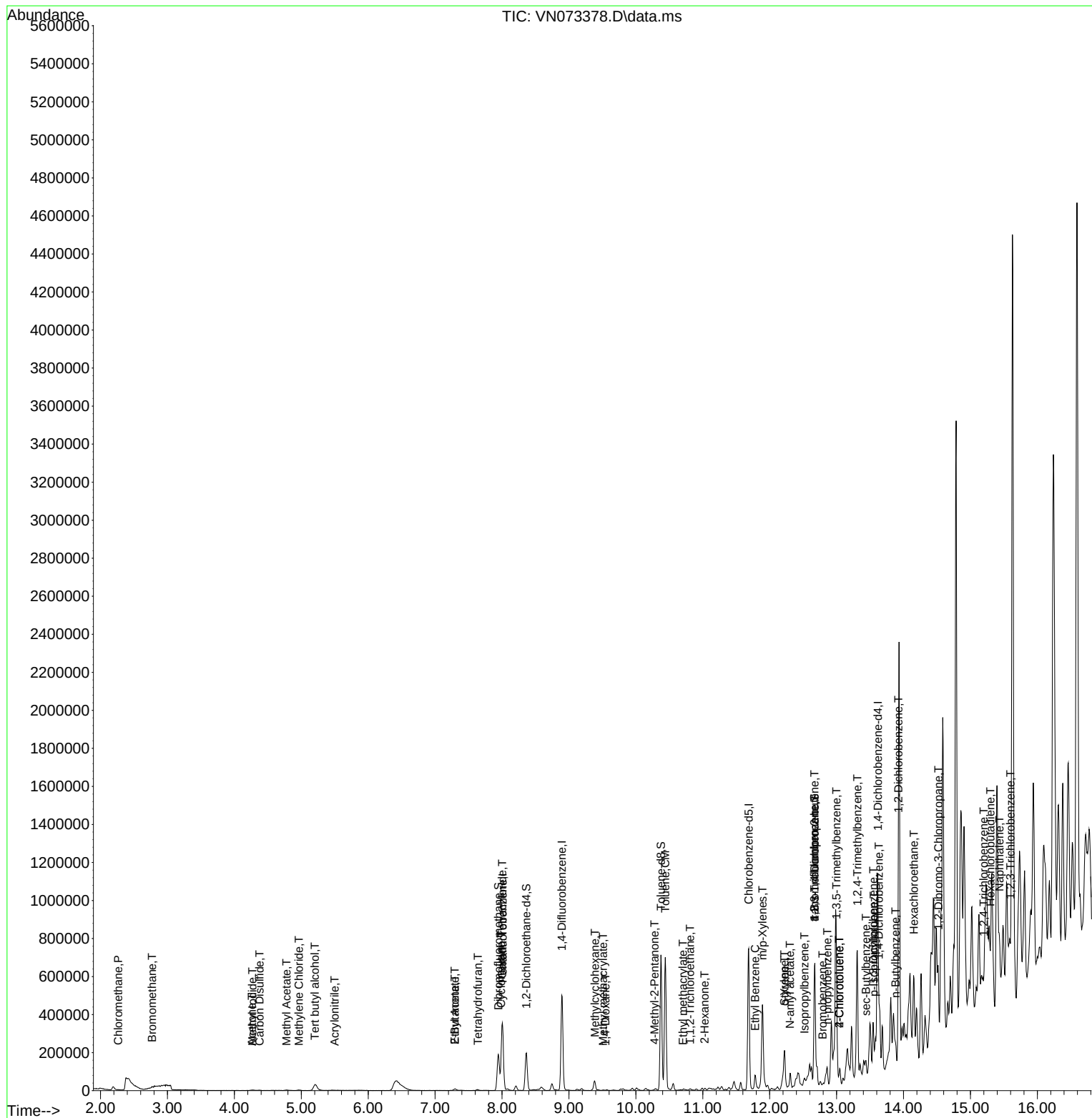
85) sec-Butylbenzene	13.439	105	34336	1.847	ug/l	83
86) p-Isopropyltoluene	13.557	119	32069	2.136	ug/l	96
87) 1,3-Dichlorobenzene	13.551	146	3083	0.390	ug/l #	71
88) 1,4-Dichlorobenzene	13.633	146	4224	0.534	ug/l #	1
89) n-Butylbenzene	13.880	91	68121	5.444	ug/l #	80
90) Hexachloroethane	14.157	117	15348	5.484	ug/l #	9
91) 1,2-Dichlorobenzene	13.921	146	2559	0.318	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.521	75	1827	1.196	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.198	180	6244	1.490	ug/l #	69
94) Hexachlorobutadiene	15.298	225	935	0.502	ug/l	95
95) Naphthalene	15.433	128	198060	11.714	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.598	180	8788	2.033	ug/l #	1

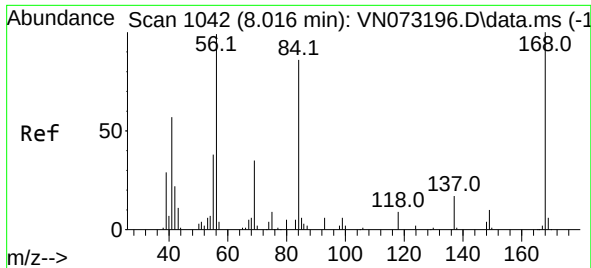
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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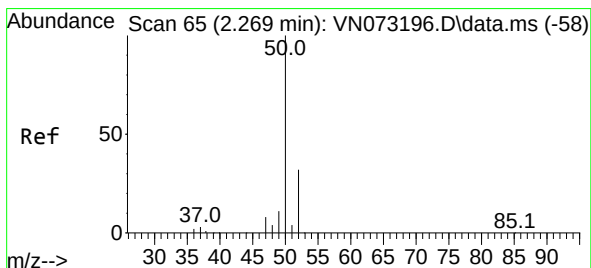
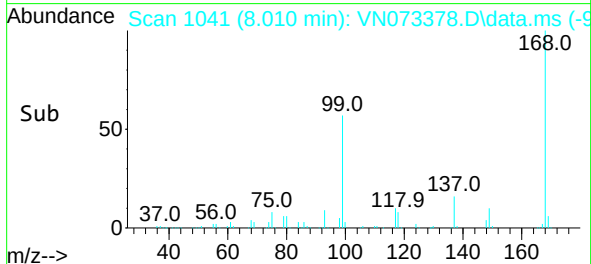
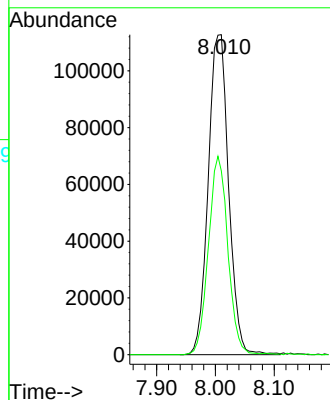
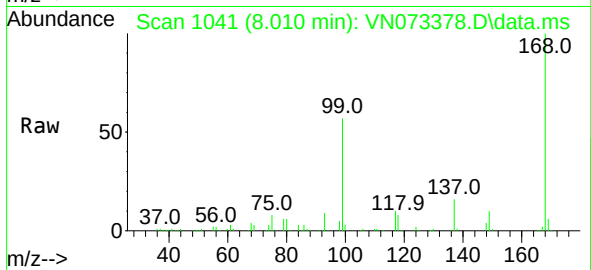




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

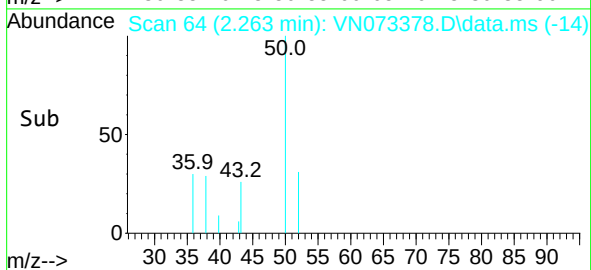
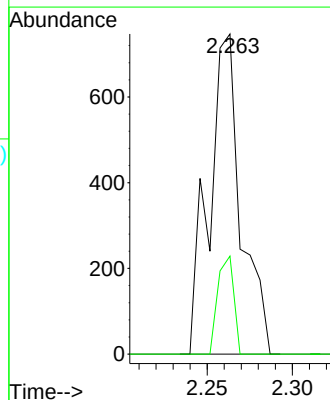
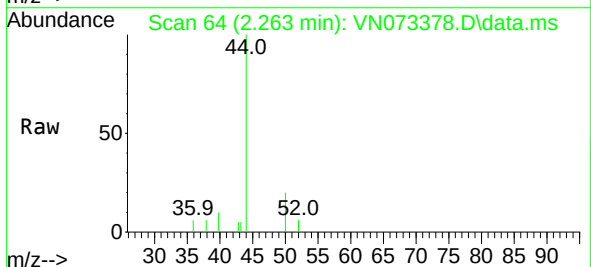
Instrument :
MSVOA_N
ClientSampleId :
31268

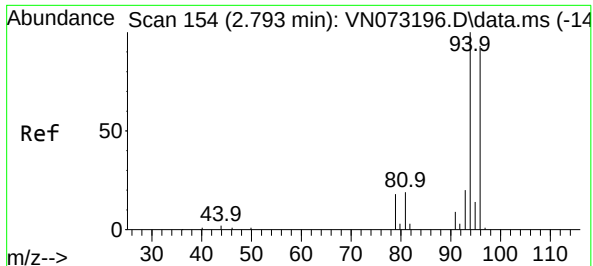
Tgt Ion:168 Resp: 272349
Ion Ratio Lower Upper
168 100
99 57.4 42.3 63.5



#3
Chloromethane
Concen: 0.252 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

Tgt Ion: 50 Resp: 974
Ion Ratio Lower Upper
50 100
52 30.7 25.7 38.5

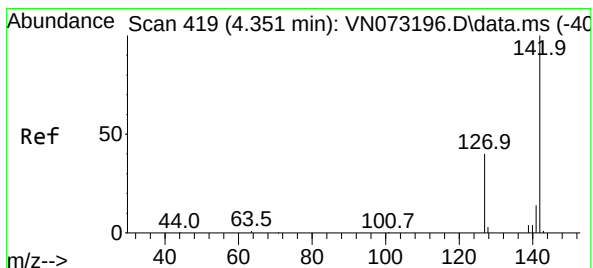
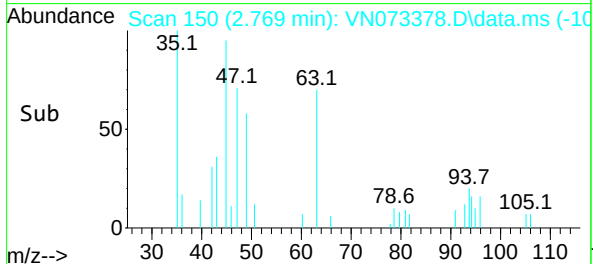
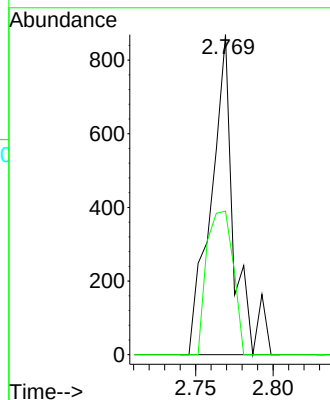
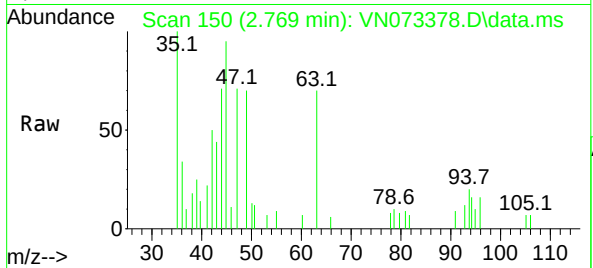




#5
Bromomethane
Concen: 0.580 ug/l
RT: 2.769 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

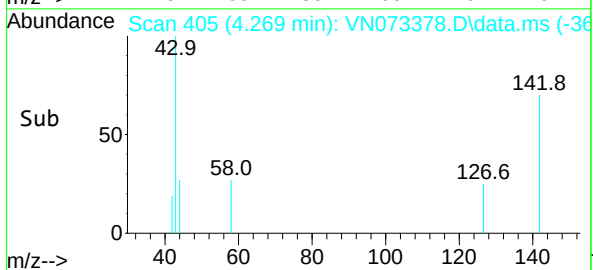
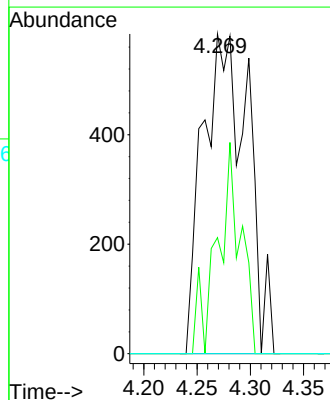
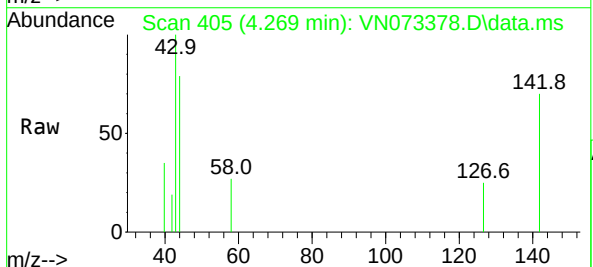
Instrument :
MSVOA_N
ClientSampleId :
31268

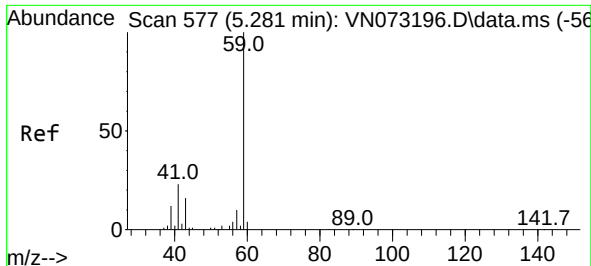
Tgt Ion: 94 Resp: 900
Ion Ratio Lower Upper
94 100
96 44.9 76.0 114.0#



#10
Methyl Iodide
Concen: 4.076 ug/l
RT: 4.269 min Scan# 405
Delta R.T. -0.082 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

Tgt Ion: 142 Resp: 1716
Ion Ratio Lower Upper
142 100
127 34.7 31.3 46.9
141 0.0 11.2 16.8#

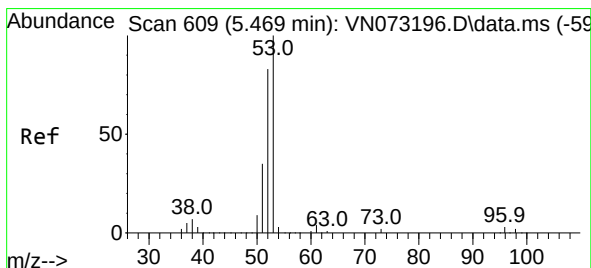
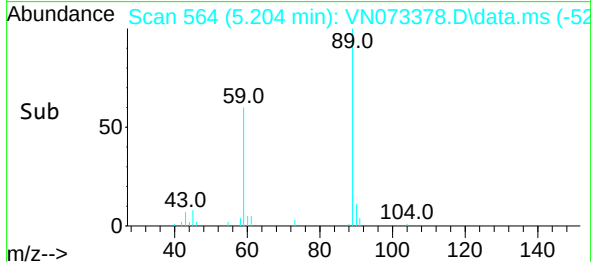
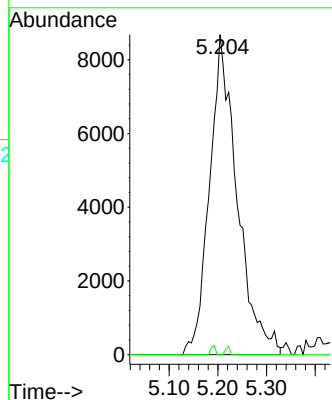
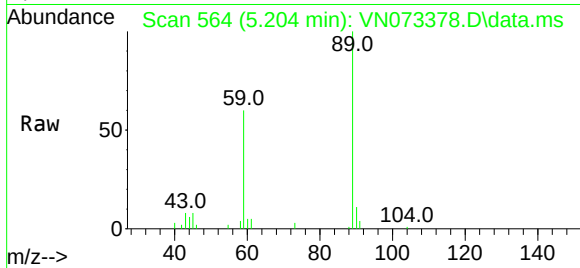




#11
Tert butyl alcohol
Concen: 35.927 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.077 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

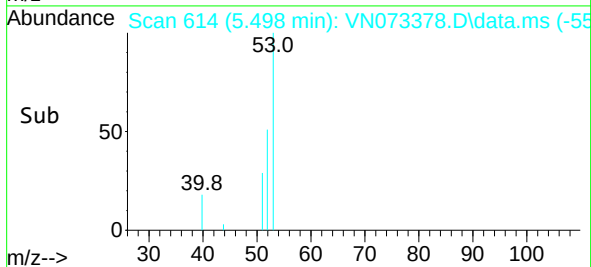
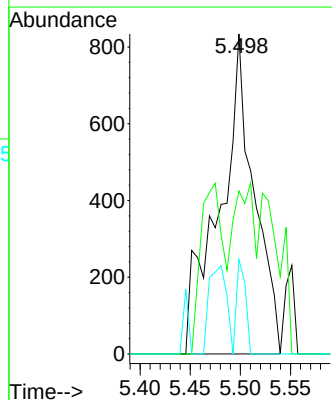
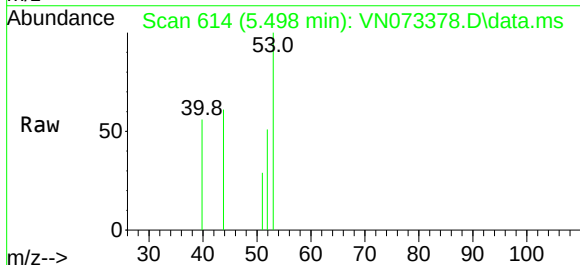
Instrument :
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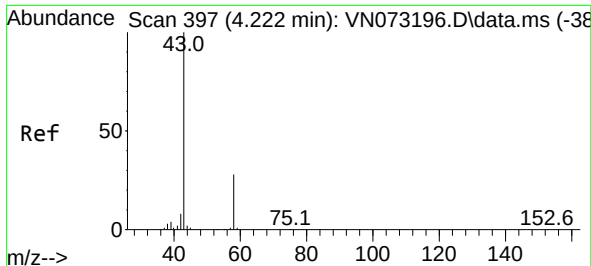
Tgt Ion: 59 Resp: 34218
Ion Ratio Lower Upper
59 100
57 0.5 8.3 12.5#



#15
Acrylonitrile
Concen: 0.818 ug/l
RT: 5.498 min Scan# 614
Delta R.T. 0.029 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

Tgt Ion: 53 Resp: 2005
Ion Ratio Lower Upper
53 100
52 16.8 66.4 99.6#
51 7.6 28.5 42.7#





#16

Acetone

Concen: 1.659 ug/l

RT: 4.263 min Scan# 404

Delta R.T. 0.041 min

Lab File: VN073378.D

Acq: 07 Jul 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

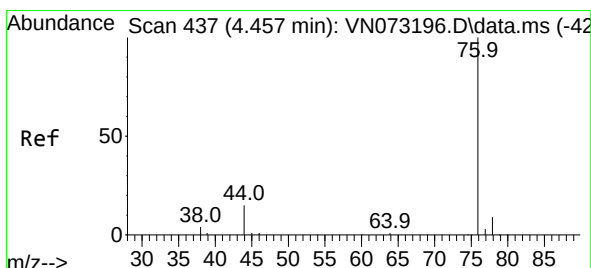
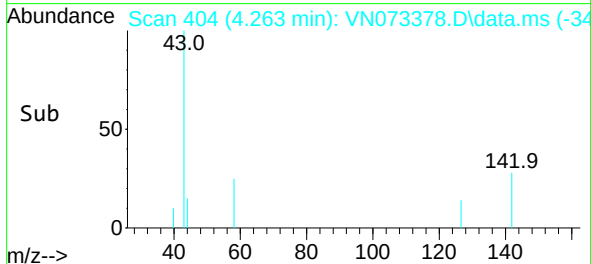
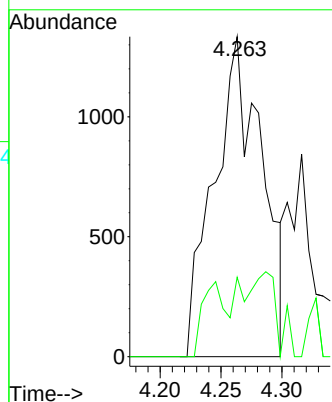
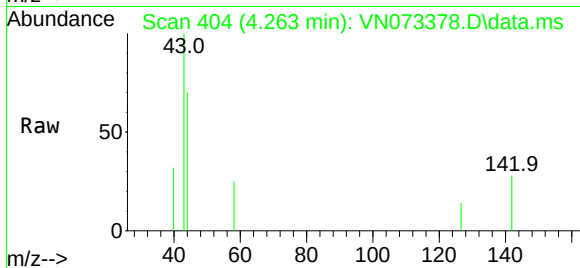
31268

Tgt Ion: 43 Resp: 3662

Ion Ratio Lower Upper

43 100

58 24.8 26.0 39.0#



#17

Carbon Disulfide

Concen: 0.400 ug/l

RT: 4.375 min Scan# 423

Delta R.T. -0.082 min

Lab File: VN073378.D

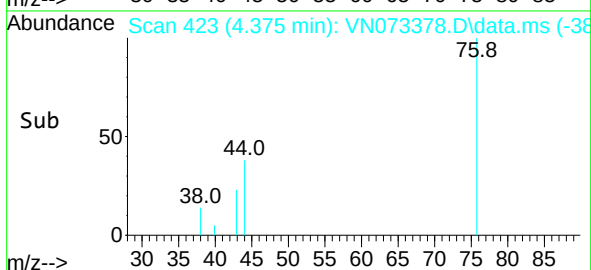
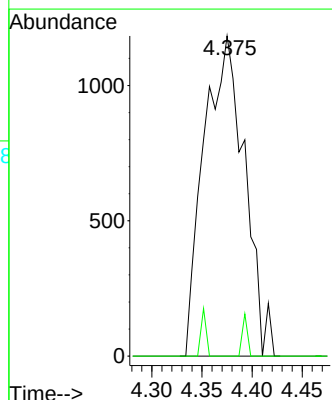
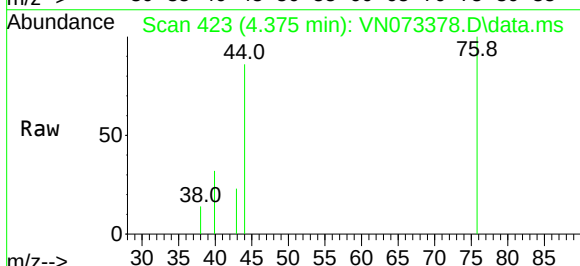
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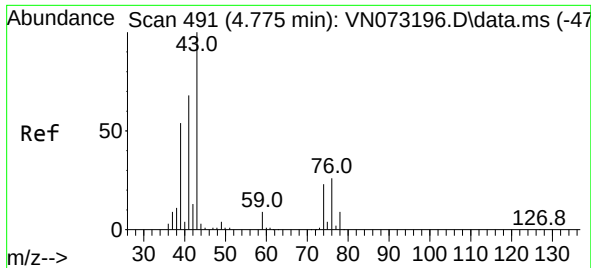
Tgt Ion: 76 Resp: 3322

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

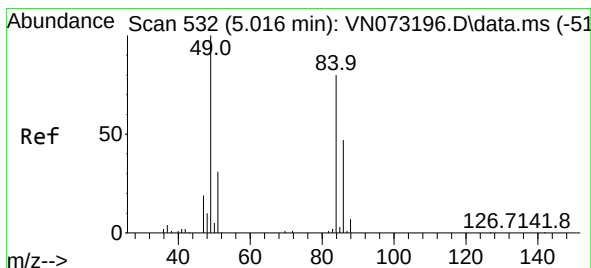
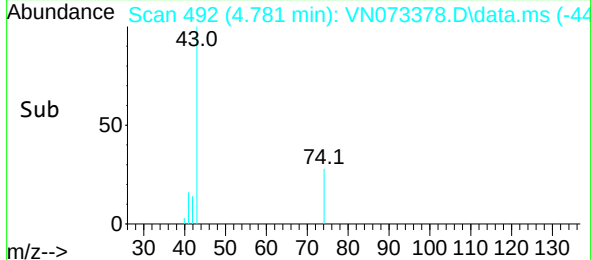
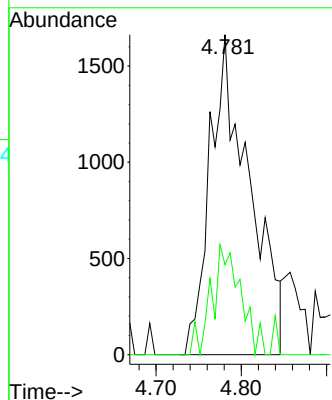
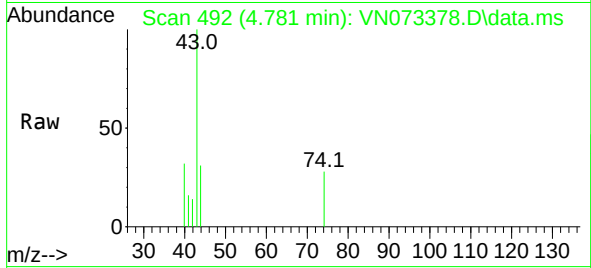




#18
Methyl Acetate
Concen: 0.862 ug/l
RT: 4.781 min Scan# 491
Delta R.T. 0.006 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

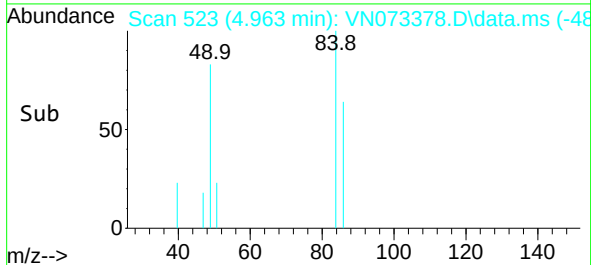
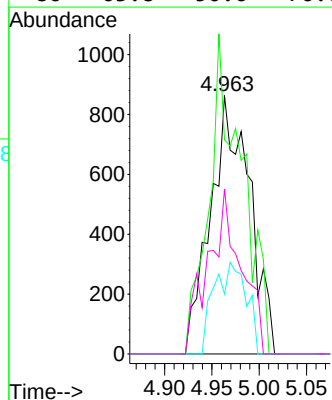
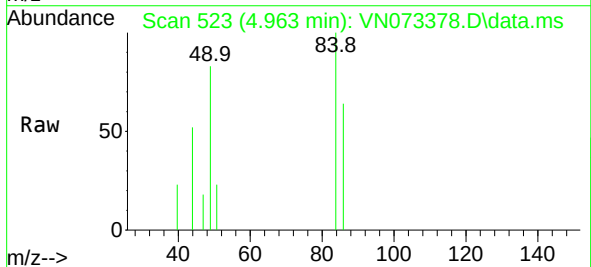
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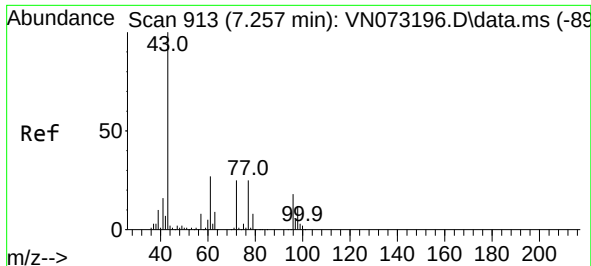
Tgt Ion: 43 Resp: 5331
Ion Ratio Lower Upper
43 100
74 25.2 21.6 32.4



#20
Methylene Chloride
Concen: 0.638 ug/l
RT: 4.963 min Scan# 523
Delta R.T. -0.053 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

Tgt Ion: 84 Resp: 2473
Ion Ratio Lower Upper
84 100
49 82.9 88.3 132.5#
51 23.2 28.2 42.2#
86 63.8 50.6 76.0

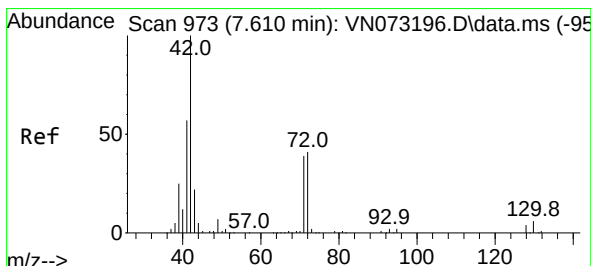
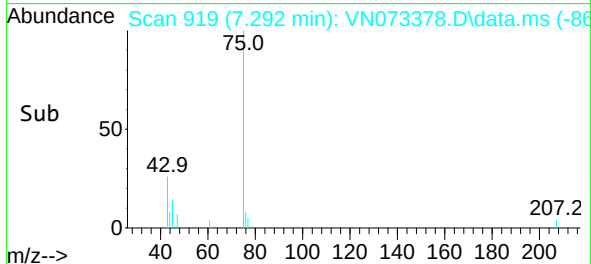
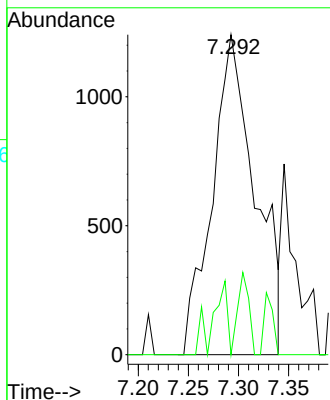
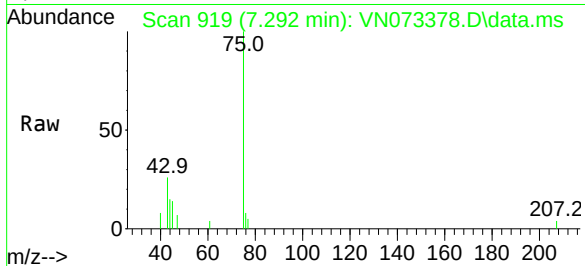




#25
2-Butanone
Concen: 1.056 ug/l
RT: 7.292 min Scan# 913
Delta R.T. 0.035 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

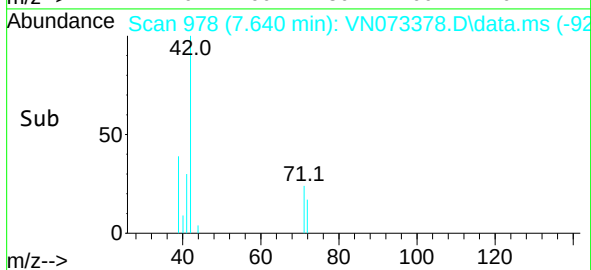
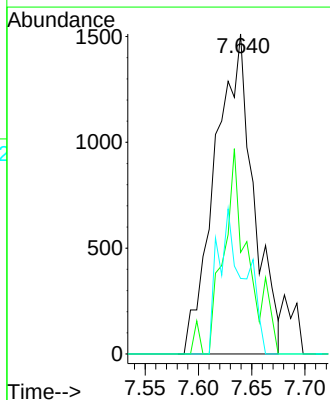
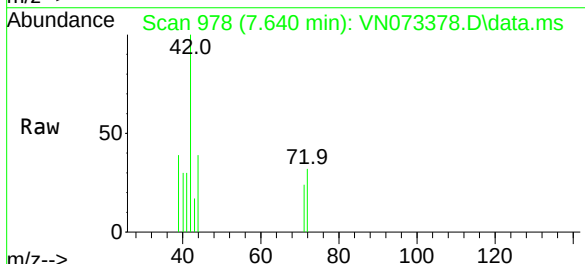
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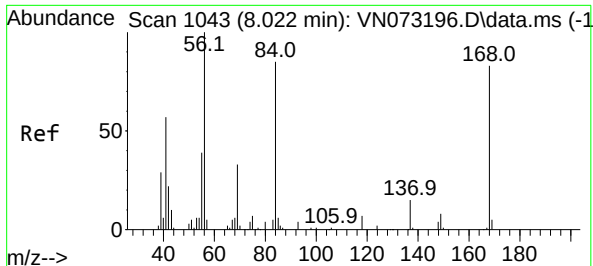
Tgt Ion: 43 Resp: 3711
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#29
Tetrahydrofuran
Concen: 1.580 ug/l
RT: 7.640 min Scan# 978
Delta R.T. 0.030 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

Tgt Ion: 42 Resp: 3802
Ion Ratio Lower Upper
42 100
72 42.1 39.7 59.5
71 31.1 36.6 55.0#





#31

Cyclohexane

Concen: 0.786 ug/l

RT: 7.987 min Scan# 1101

Delta R.T. -0.035 min

Lab File: VN073378.D

Acq: 07 Jul 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

31268

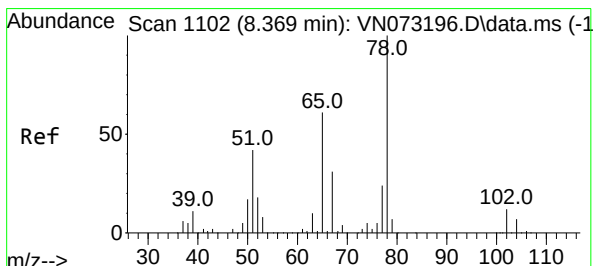
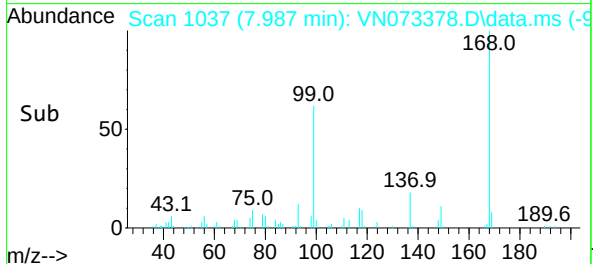
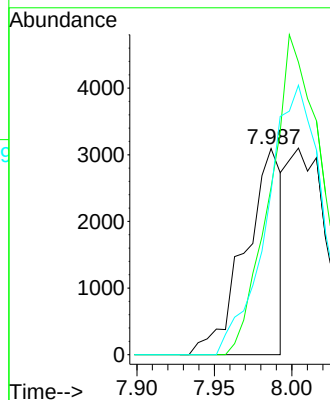
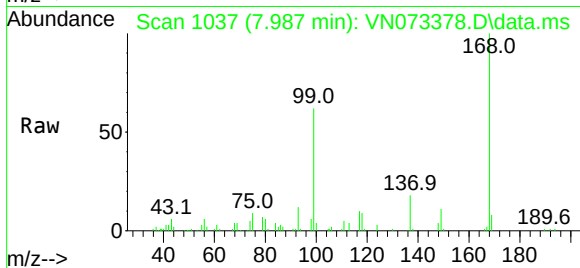
Tgt Ion: 56 Resp: 5064

Ion Ratio Lower Upper

56 100

69 81.2 27.8 41.8#

84 79.2 76.9 115.3



#33

1,2-Dichloroethane-d4

Concen: 42.152 ug/l

RT: 8.363 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VN073378.D

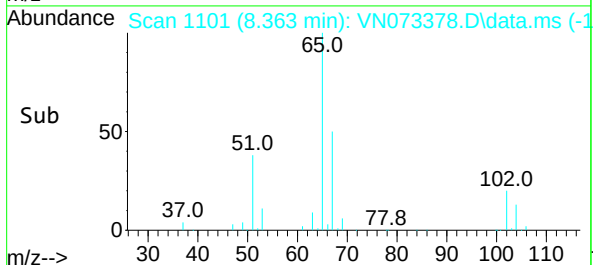
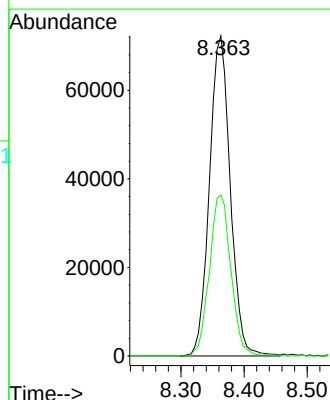
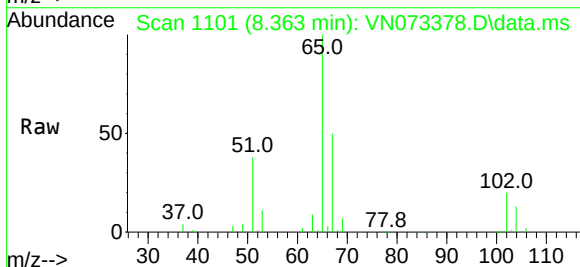
Acq: 07 Jul 2022 17:59

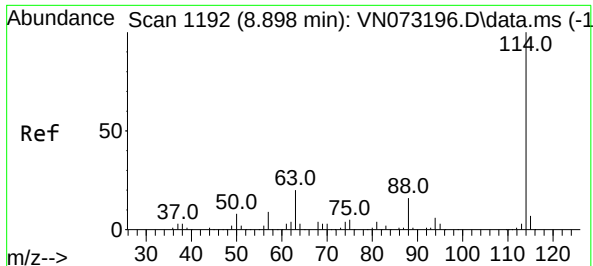
Tgt Ion: 65 Resp: 165729

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.892 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VN073378.D

Acq: 07 Jul 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

31268

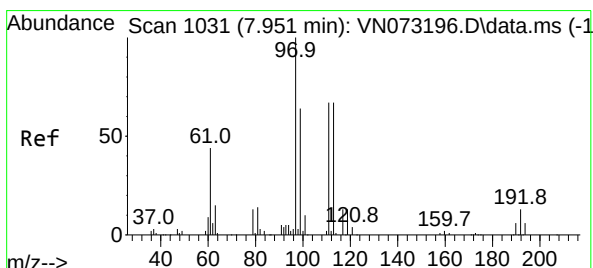
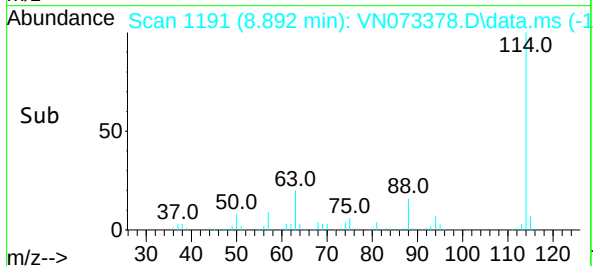
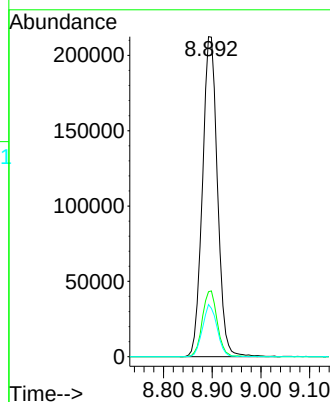
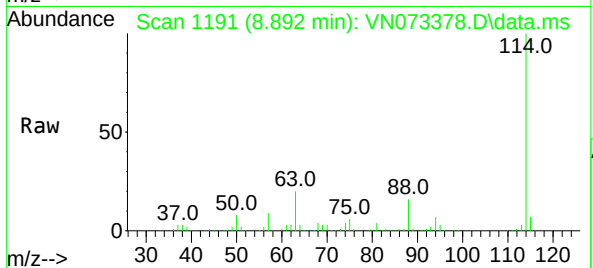
Tgt Ion:114 Resp: 454666

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 16.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.267 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN073378.D

Acq: 07 Jul 2022 17:59

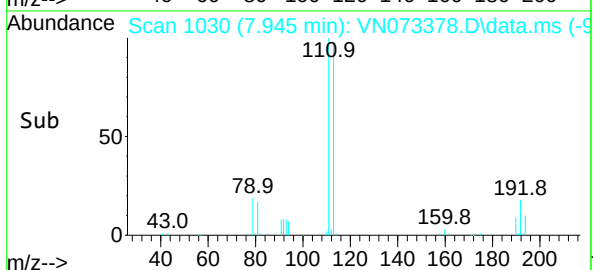
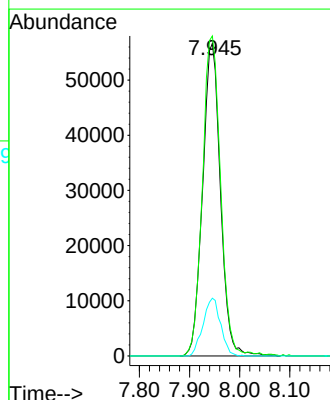
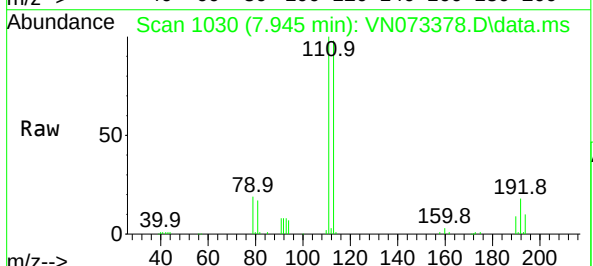
Tgt Ion:113 Resp: 139957

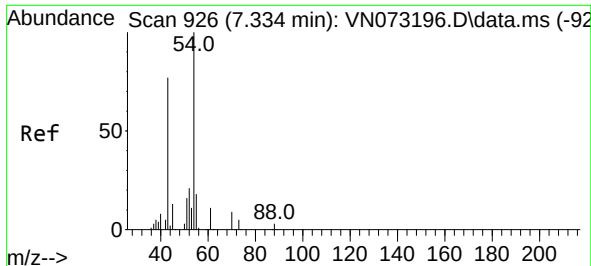
Ion Ratio Lower Upper

113 100

111 104.3 81.4 122.0

192 18.2 17.0 25.6

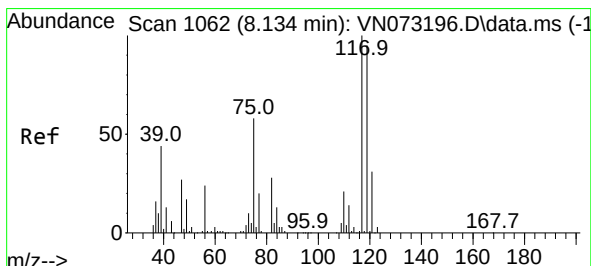
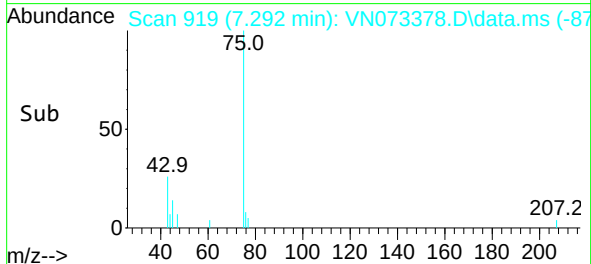
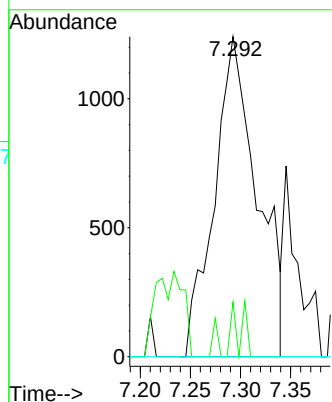
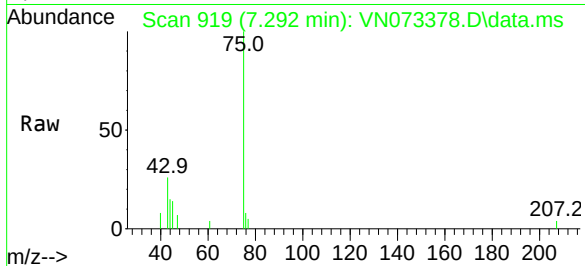




#37
Ethyl Acetate
Concen: 0.528 ug/l
RT: 7.292 min Scan# 91
Delta R.T. -0.042 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

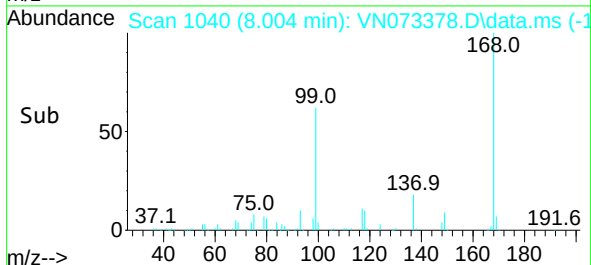
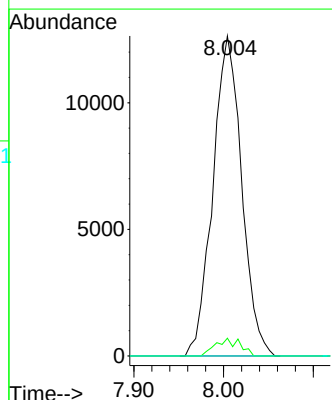
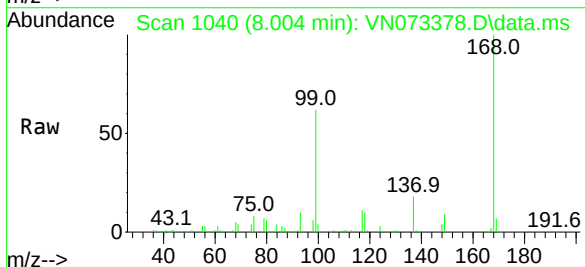
Instrument :
MSVOA_N
ClientSampleId :
31268

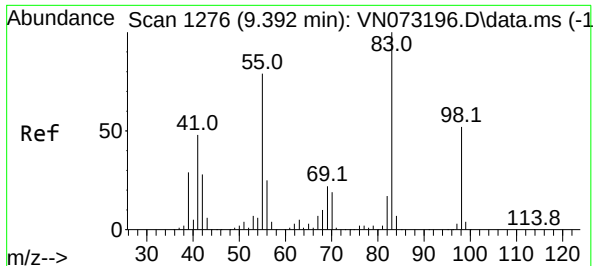
Tgt Ion: 43 Resp: 3711
Ion Ratio Lower Upper
43 100
61 4.1 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 5.856 ug/l
RT: 8.004 min Scan# 1040
Delta R.T. -0.130 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

Tgt Ion: 117 Resp: 28188
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.8#
121 0.0 24.6 37.0#

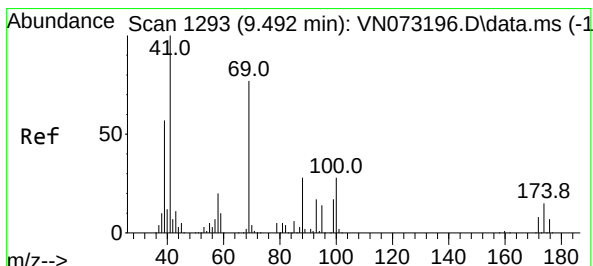
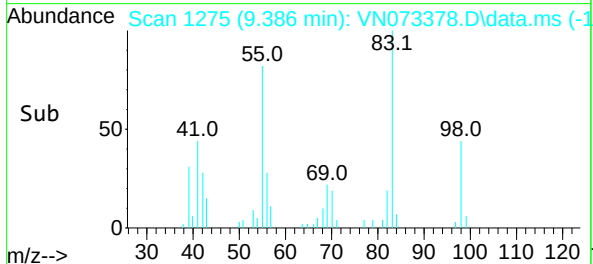
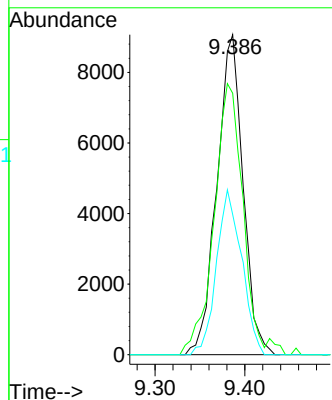
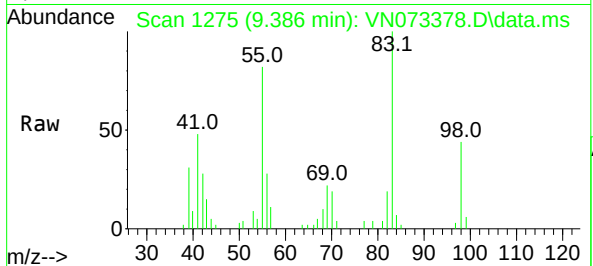




#39
Methylcyclohexane
Concen: 3.165 ug/l
RT: 9.386 min Scan# 1275
Delta R.T. -0.006 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

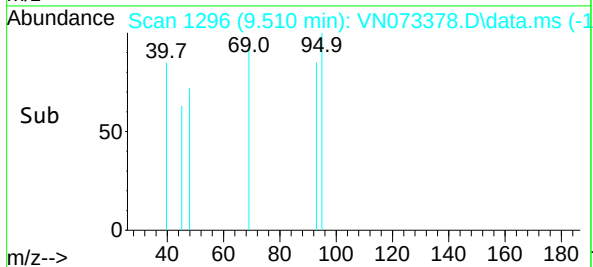
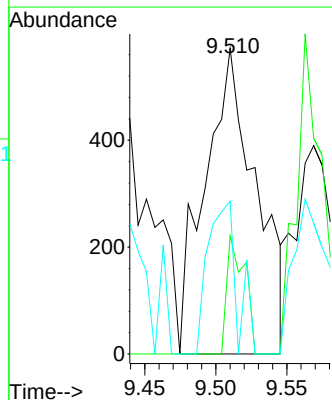
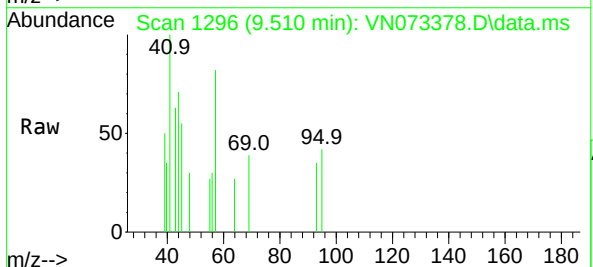
Instrument :
MSVOA_N
ClientSampleId :
31268

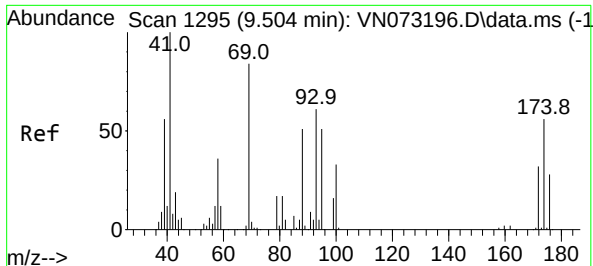
Tgt Ion: 83 Resp: 18343
Ion Ratio Lower Upper
83 100
55 81.7 57.8 86.8
98 43.8 39.4 59.2



#48
Methyl methacrylate
Concen: 0.307 ug/l
RT: 9.510 min Scan# 1296
Delta R.T. 0.018 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

Tgt Ion: 41 Resp: 1437
Ion Ratio Lower Upper
41 100
69 13.4 74.7 112.1#
39 28.3 45.6 68.4#

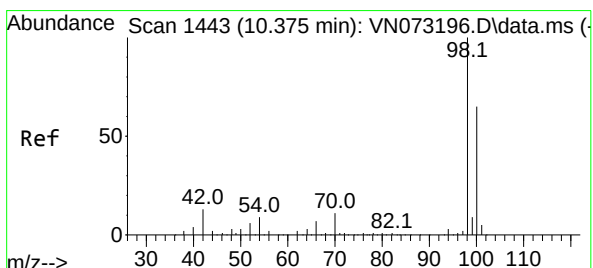
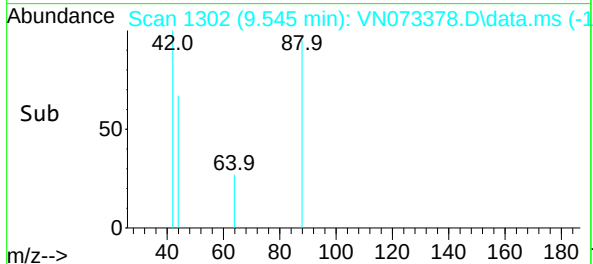
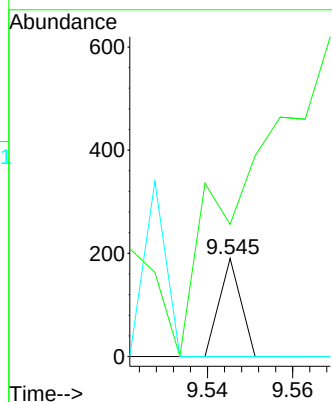
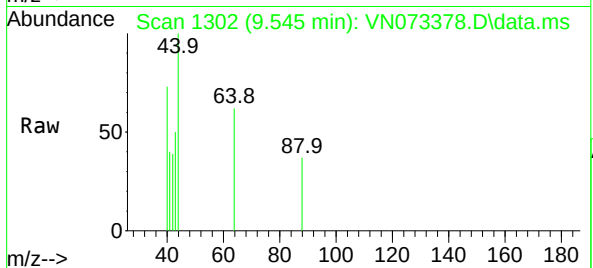




#49
1,4-Dioxane
Concen: 0.754 ug/l
RT: 9.545 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

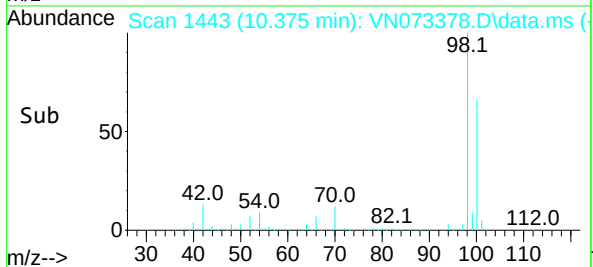
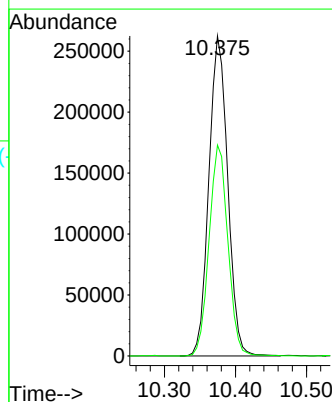
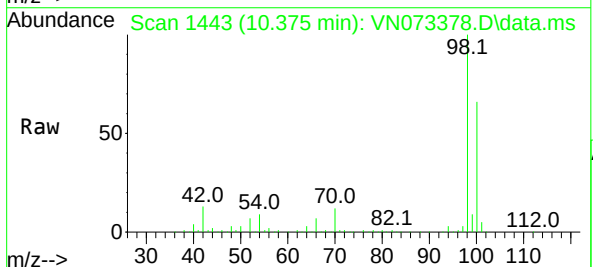
Instrument :
MSVOA_N
ClientSampleId :
31268

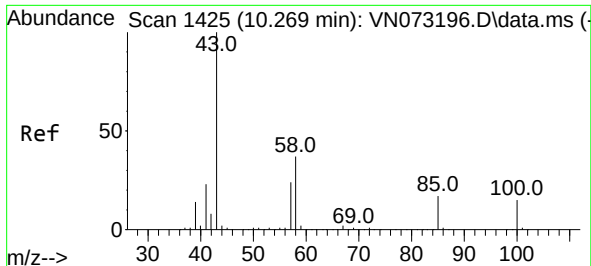
Tgt Ion: 88 Resp: 67
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.4#
58 179.1 54.2 81.4#



#50
Toluene-d8
Concen: 44.983 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

Tgt Ion: 98 Resp: 483284
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8

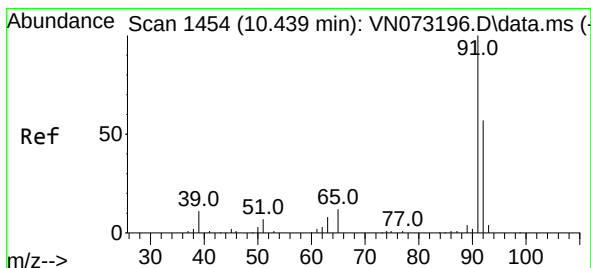
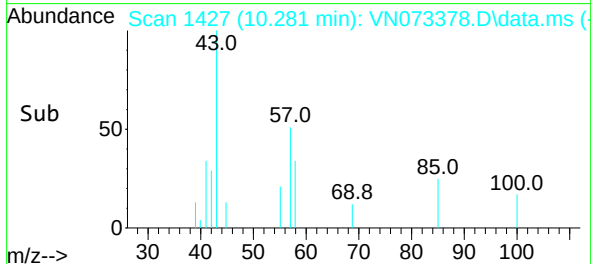
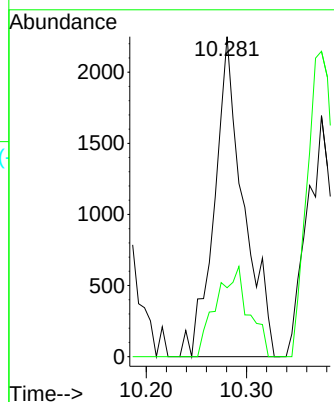
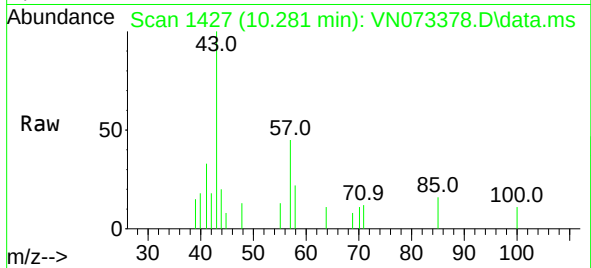




#51
4-Methyl-2-Pentanone
Concen: 0.708 ug/l
RT: 10.281 min Scan# 1427
Delta R.T. 0.012 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

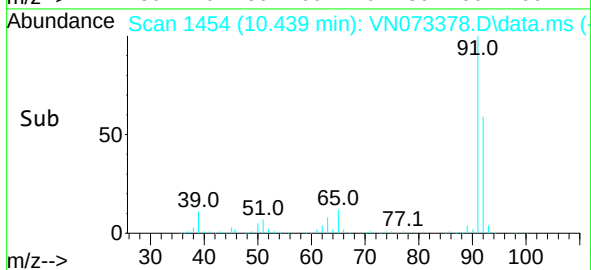
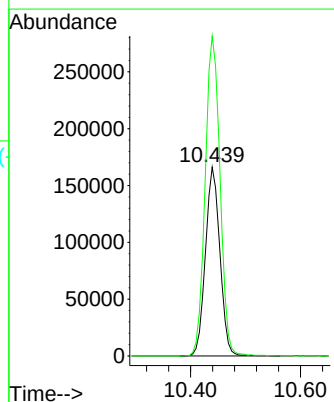
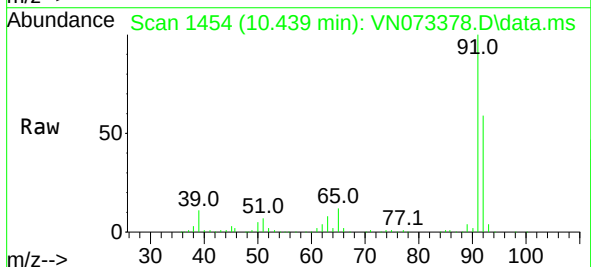
Instrument :
MSVOA_N
ClientSampleId :
31268

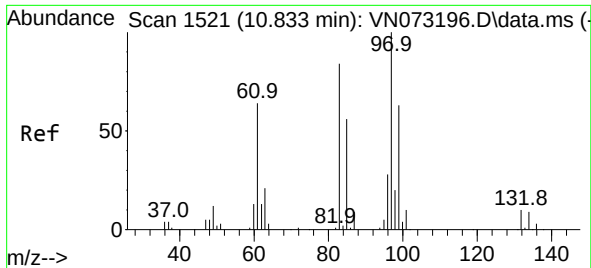
Tgt Ion: 43 Resp: 4535
Ion Ratio Lower Upper
43 100
58 31.3 34.1 51.1#



#52
Toluene
Concen: 34.143 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

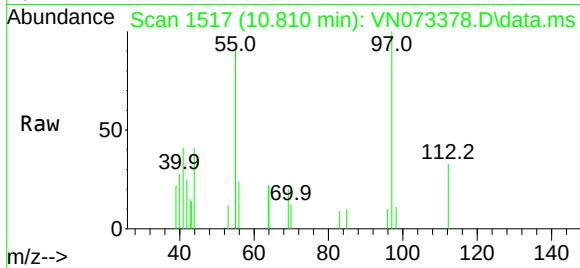
Tgt Ion: 92 Resp: 303097
Ion Ratio Lower Upper
92 100
91 174.3 138.6 207.8



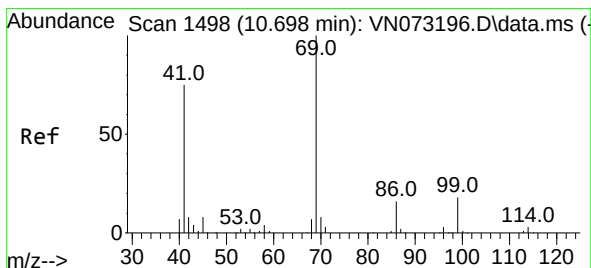
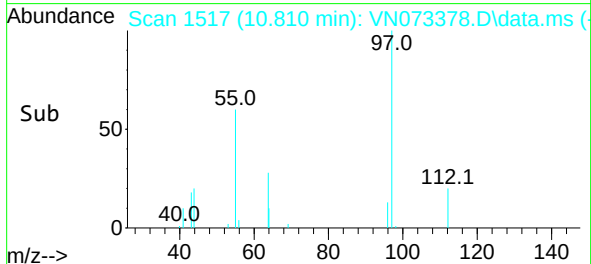
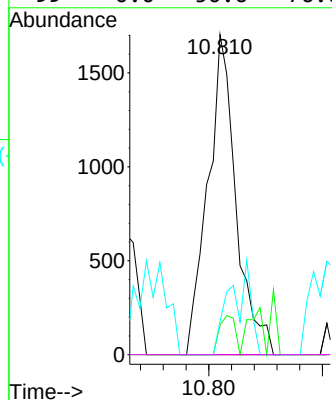


#55
1,1,2-Trichloroethane
Concen: 0.805 ug/l
RT: 10.810 min Scan# 1517
Delta R.T. -0.023 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

Instrument :
MSVOA_N
ClientSampleId :
31268

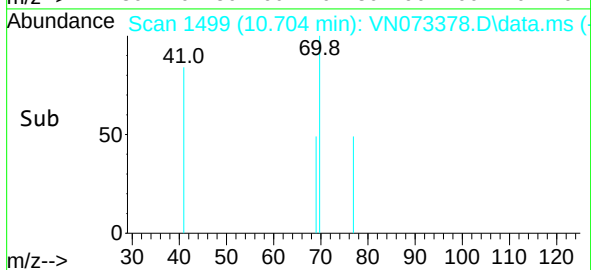
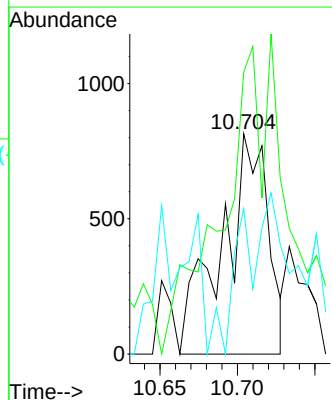
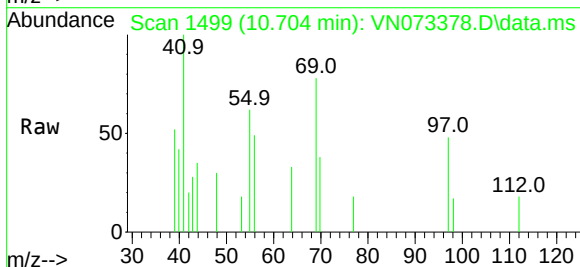


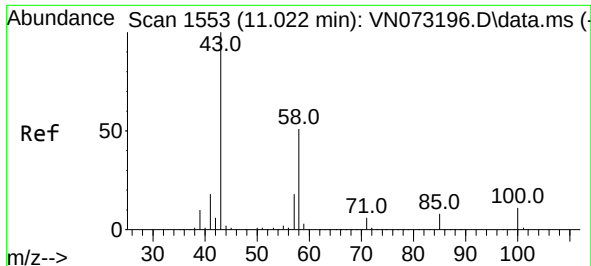
Tgt Ion	Ratio	Lower	Upper
97	100		
83	9.3	66.2	99.4#
85	10.4	43.9	65.9#
99	0.0	50.6	76.0#



#56
Ethyl methacrylate
Concen: 0.285 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.006 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

Tgt Ion	Ratio	Lower	Upper
69	100		
41	201.2	47.8	71.6#
39	0.0	27.3	40.9#

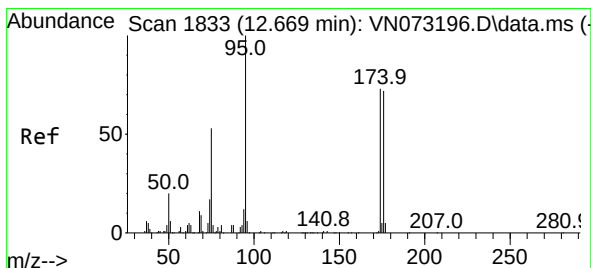
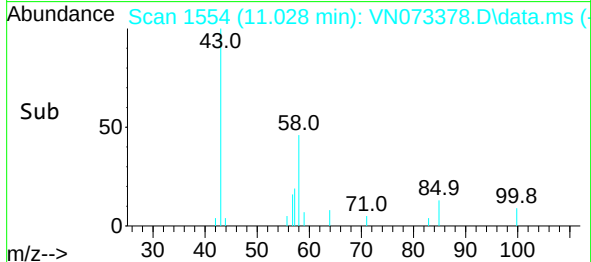
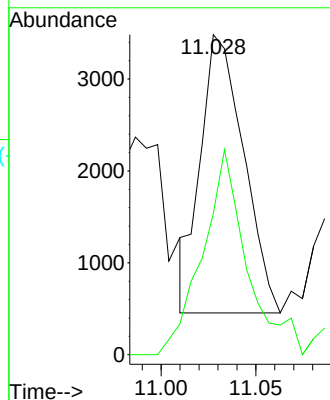
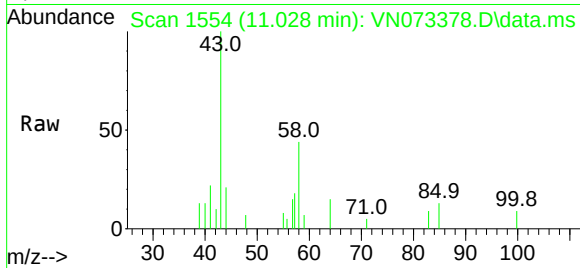




#59
2-Hexanone
Concen: 0.980 ug/l
RT: 11.028 min Scan# 11553
Delta R.T. 0.006 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

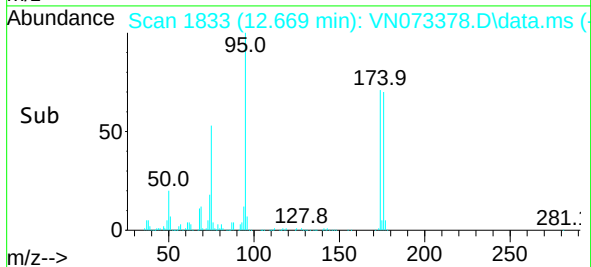
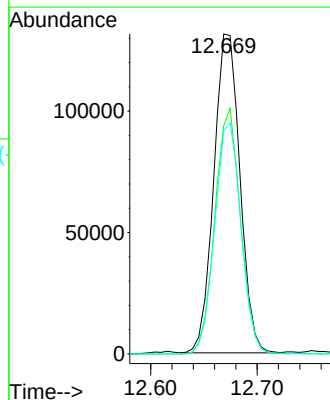
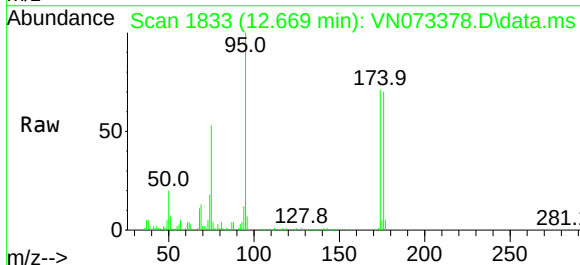
Instrument :
MSVOA_N
ClientSampleId :
31268

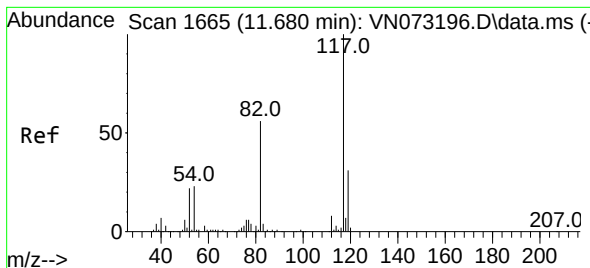
Tgt Ion: 43 Resp: 4789
Ion Ratio Lower Upper
43 100
58 75.7 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 54.223 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

Tgt Ion: 95 Resp: 223874
Ion Ratio Lower Upper
95 100
174 75.3 0.0 167.6
176 72.9 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073378.D

Acq: 07 Jul 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

31268

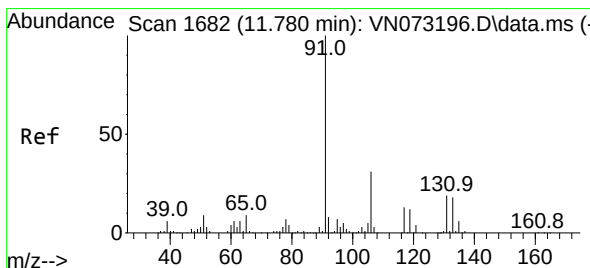
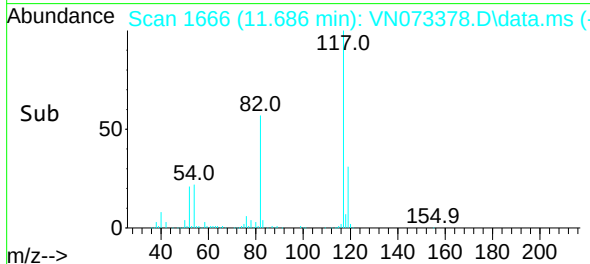
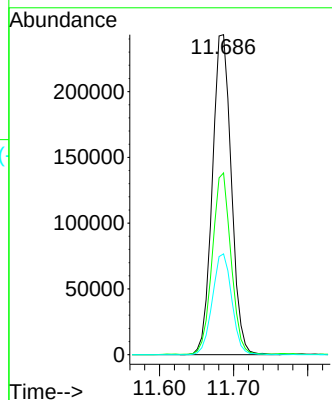
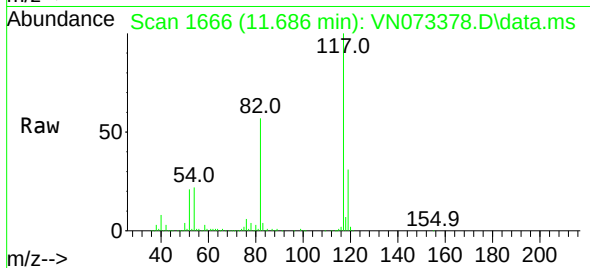
Tgt Ion:117 Resp: 433363

Ion Ratio Lower Upper

117 100

82 56.7 44.2 66.2

119 31.5 25.4 38.0



#67

Ethyl Benzene

Concen: 3.056 ug/l

RT: 11.780 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VN073378.D

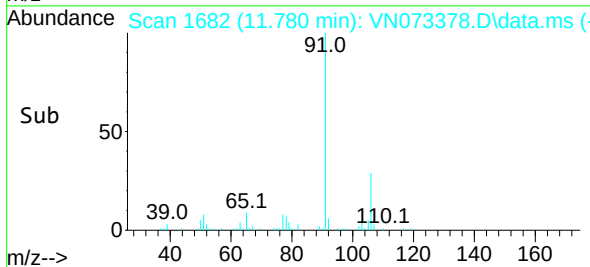
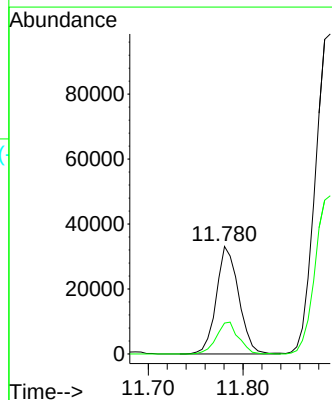
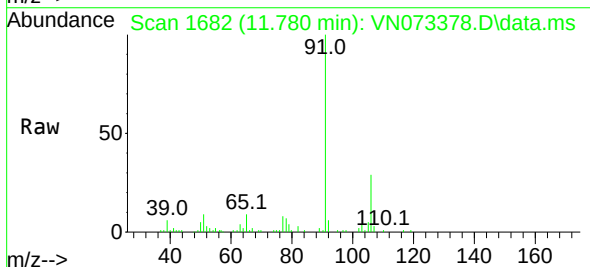
Acq: 07 Jul 2022 17:59

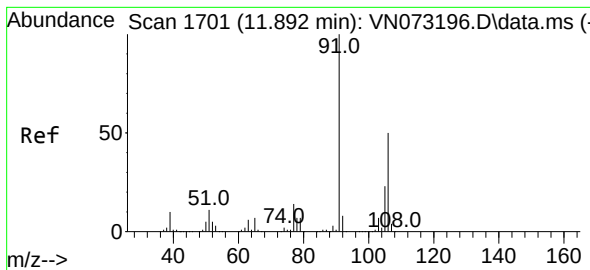
Tgt Ion: 91 Resp: 54369

Ion Ratio Lower Upper

91 100

106 28.7 24.9 37.3

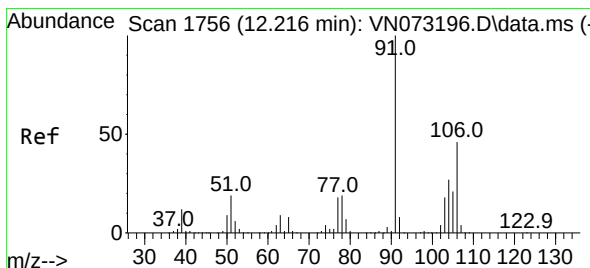
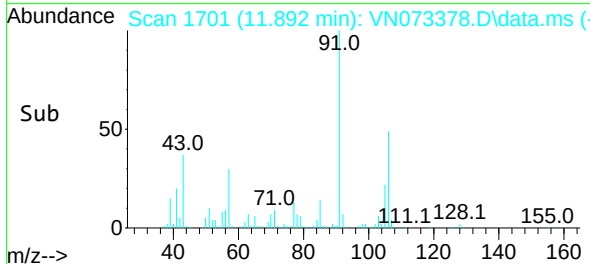
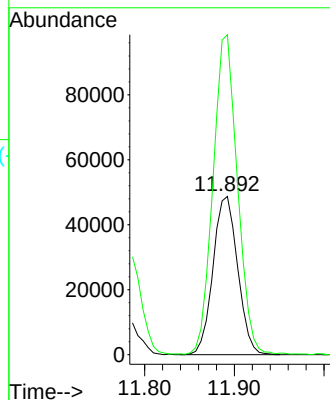
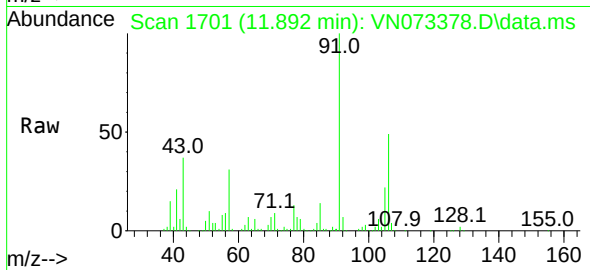




#68
m/p-Xylenes
Concen: 13.833 ug/l
RT: 11.892 min Scan# 1189
Delta R.T. 0.000 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

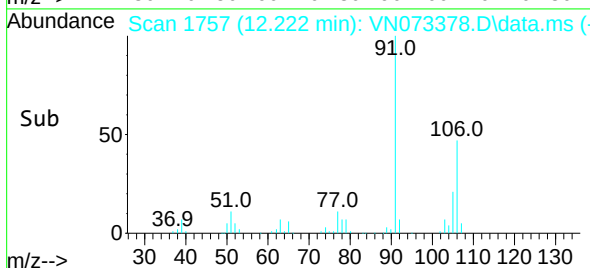
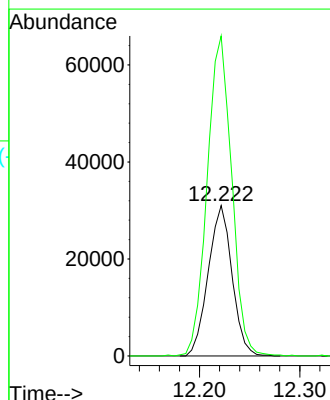
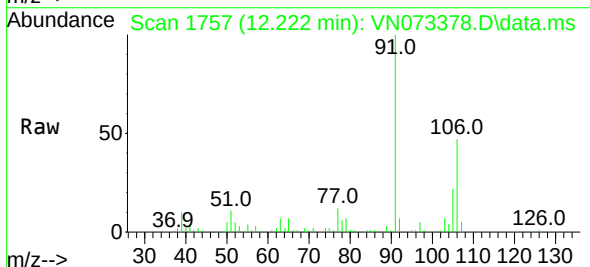
Instrument :
MSVOA_N
ClientSampleId :
31268

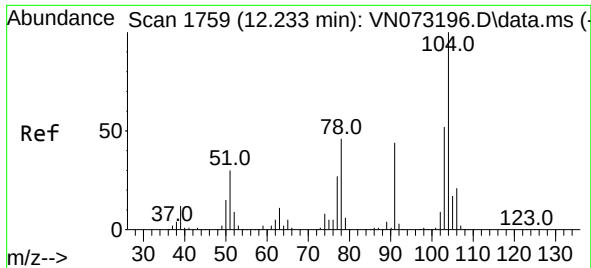
Tgt Ion:106 Resp: 92889
Ion Ratio Lower Upper
106 100
91 201.0 158.9 238.3



#69
o-Xylene
Concen: 7.481 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.006 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

Tgt Ion:106 Resp: 51288
Ion Ratio Lower Upper
106 100
91 218.8 106.0 318.0

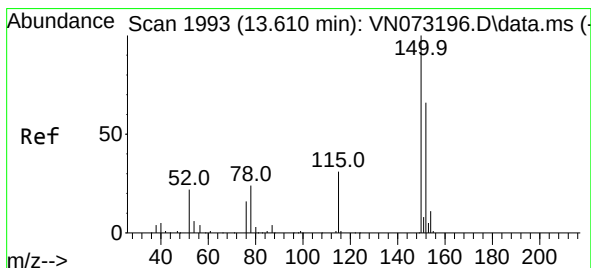
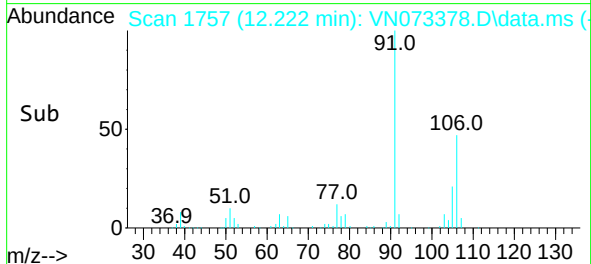
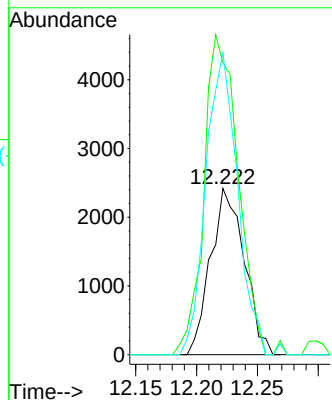
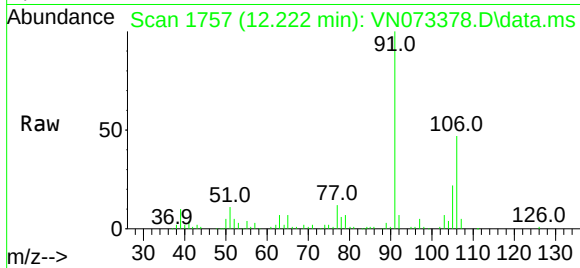




#70
Styrene
Concen: 0.440 ug/l
RT: 12.222 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

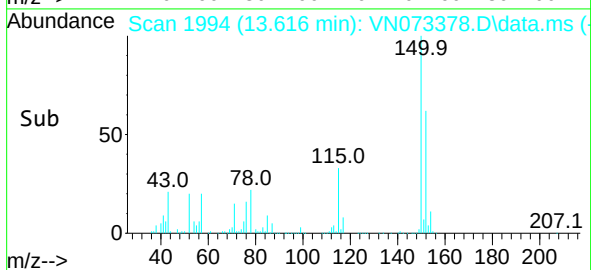
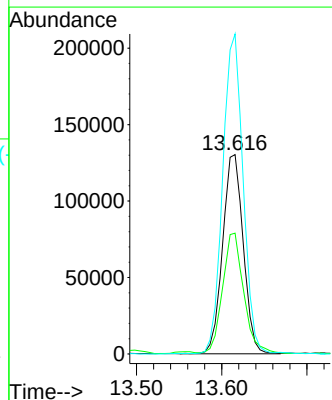
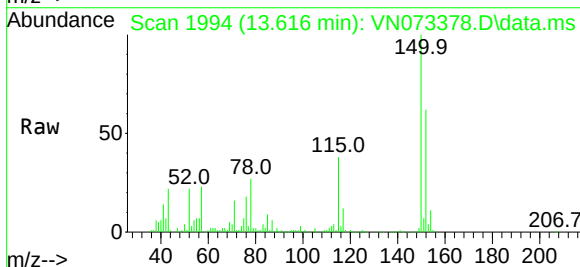
Instrument :
MSVOA_N
ClientSampleId :
31268

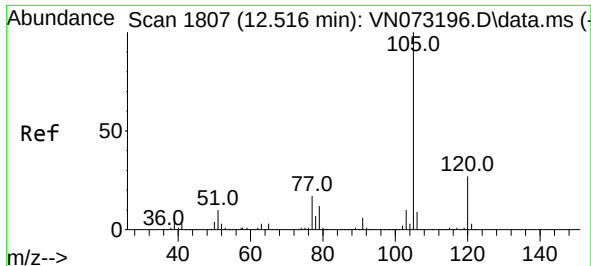
Tgt Ion:104 Resp: 4658
Ion Ratio Lower Upper
104 100
78 193.8 39.5 59.3#
103 170.6 44.0 66.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

Tgt Ion:152 Resp: 219388
Ion Ratio Lower Upper
152 100
115 62.0 28.9 86.7
150 157.7 0.0 356.2

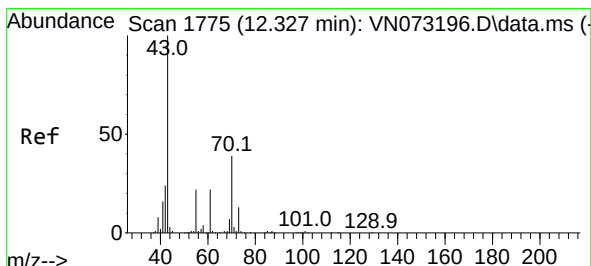
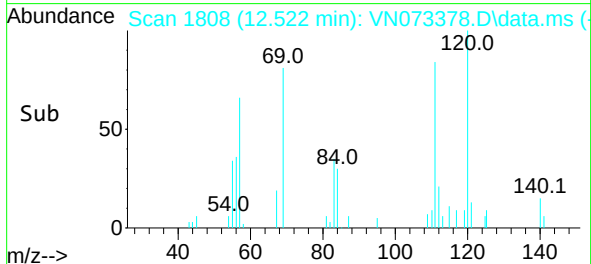
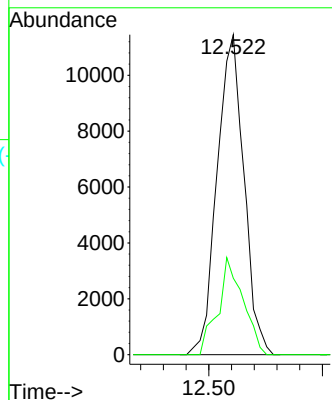
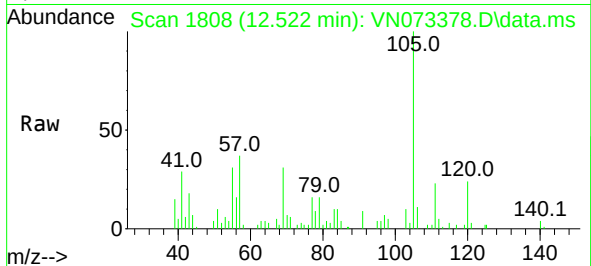




#73
Isopropylbenzene
Concen: 0.991 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

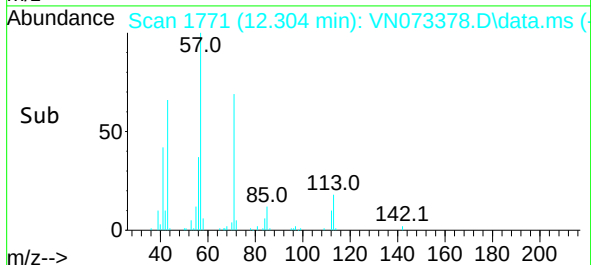
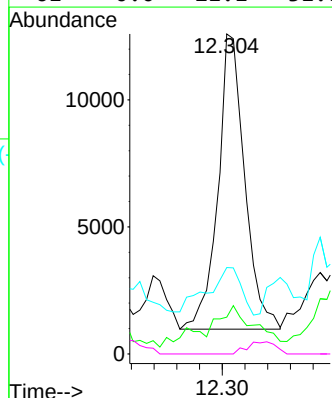
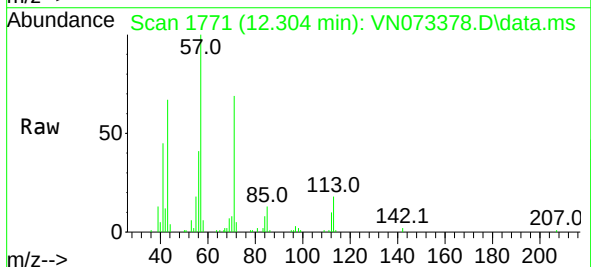
Instrument :
MSVOA_N
ClientSampleId :
31268

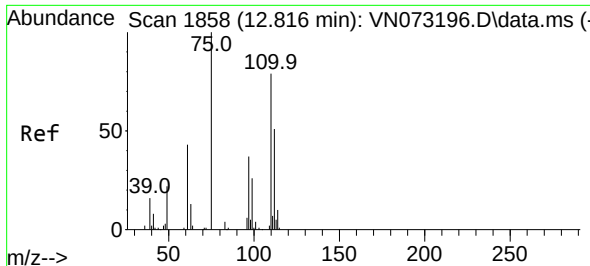
Tgt Ion:105 Resp: 18769
Ion Ratio Lower Upper
105 100
120 28.5 13.5 40.4



#74
N-ethyl acetate
Concen: 2.009 ug/l
RT: 12.304 min Scan# 1771
Delta R.T. -0.023 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

Tgt Ion: 43 Resp: 19056
Ion Ratio Lower Upper
43 100
70 14.3 39.0 58.4#
55 20.7 21.1 31.7#
61 0.0 21.1 31.7#

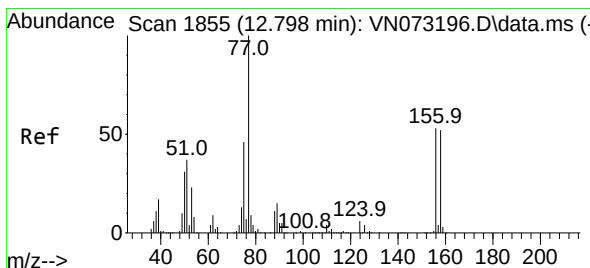
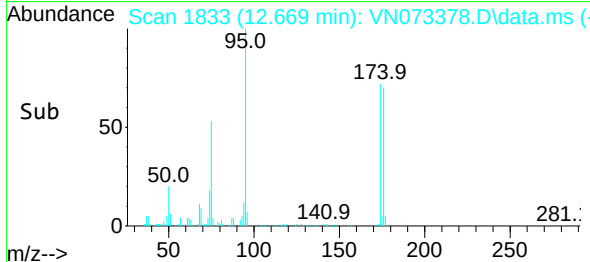
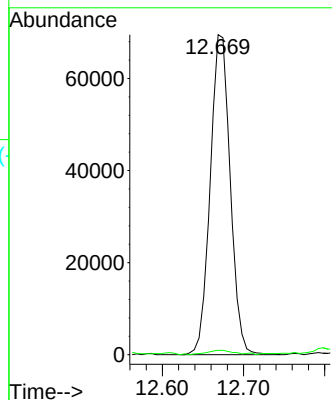
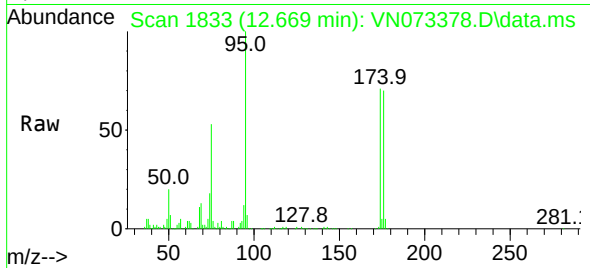




#76
1,2,3-Trichloropropane
Concen: 20.730 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

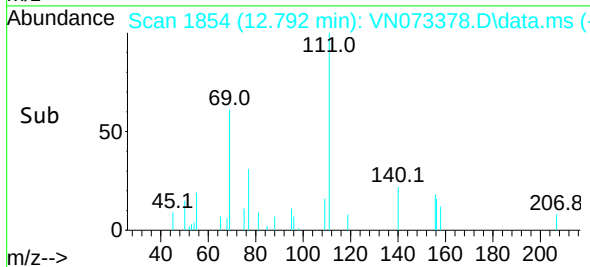
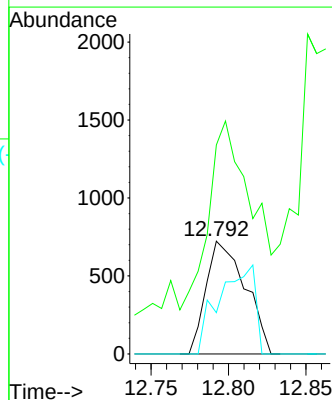
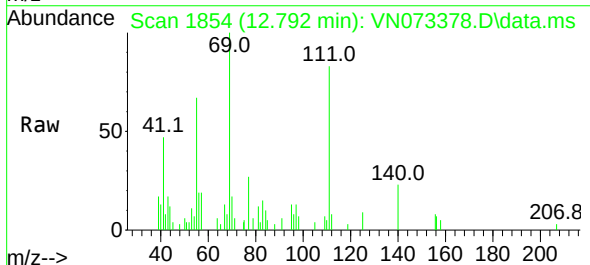
Instrument :
MSVOA_N
ClientSampleId :
31268

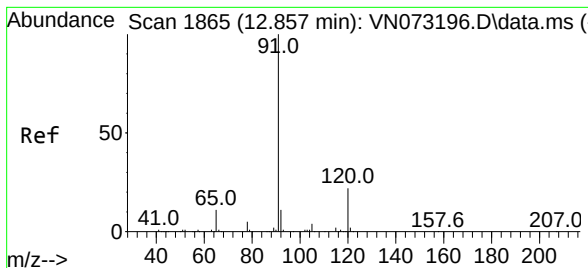
Tgt Ion: 75 Resp: 118917
Ion Ratio Lower Upper
75 100
77 1.9 98.5 295.5#



#77
Bromobenzene
Concen: 0.289 ug/l
RT: 12.792 min Scan# 1854
Delta R.T. -0.006 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

Tgt Ion: 156 Resp: 1275
Ion Ratio Lower Upper
156 100
77 208.3 100.5 301.5
158 0.0 48.9 146.6#





#78

n-propylbenzene

Concen: 3.618 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. 0.006 min

Lab File: VN073378.D

Acq: 07 Jul 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

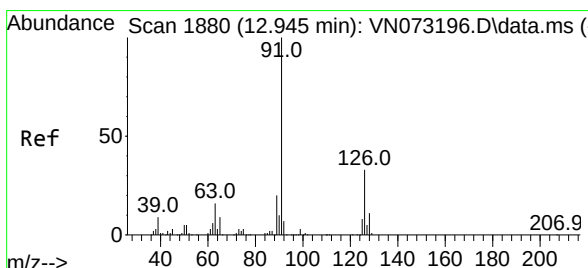
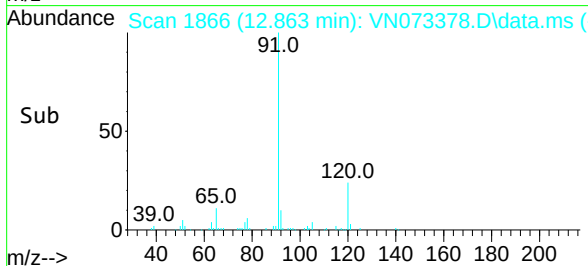
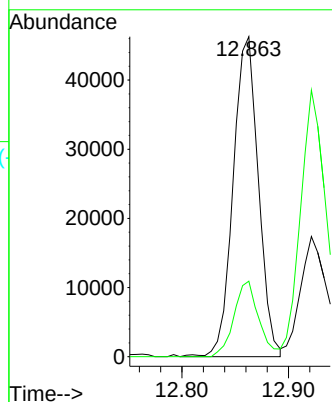
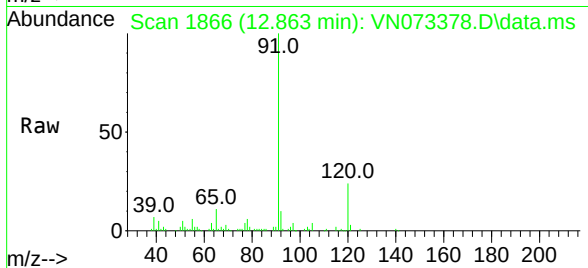
31268

Tgt Ion: 91 Resp: 76146

Ion Ratio Lower Upper

91 100

120 23.3 11.9 35.5



#79

2-Chlorotoluene

Concen: 0.306 ug/l

RT: 13.039 min Scan# 1896

Delta R.T. 0.094 min

Lab File: VN073378.D

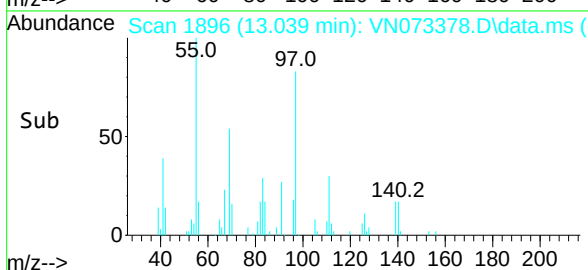
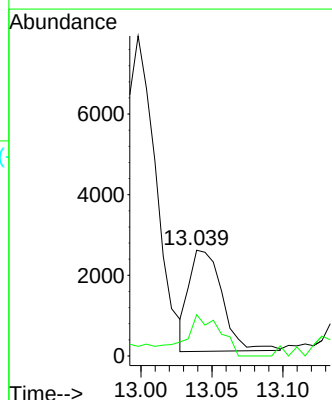
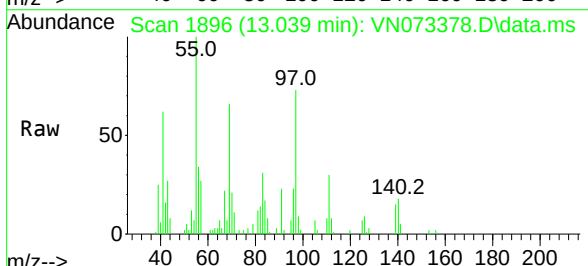
Acq: 07 Jul 2022 17:59

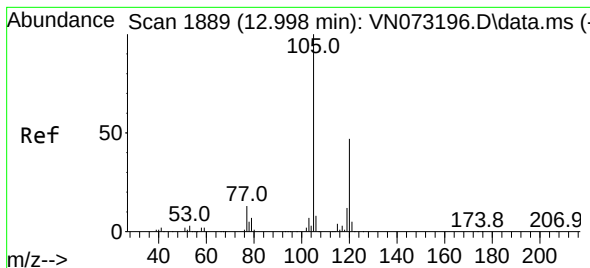
Tgt Ion: 91 Resp: 4080

Ion Ratio Lower Upper

91 100

126 41.0 17.3 51.9





#80

1,3,5-Trimethylbenzene

Concen: 6.562 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VN073378.D

Acq: 07 Jul 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

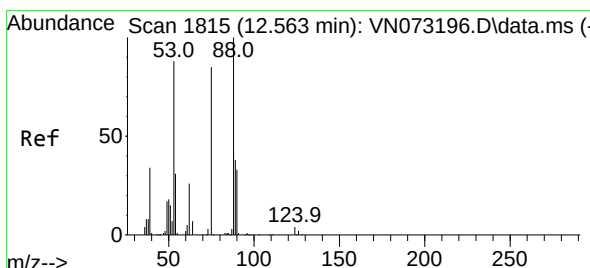
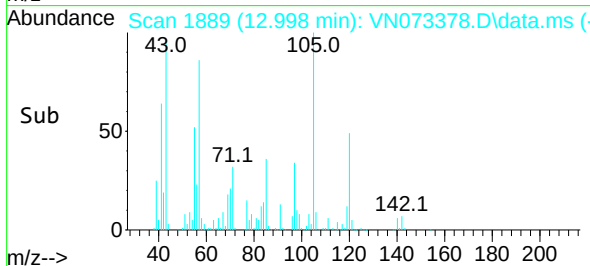
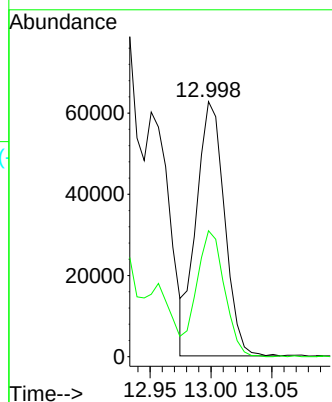
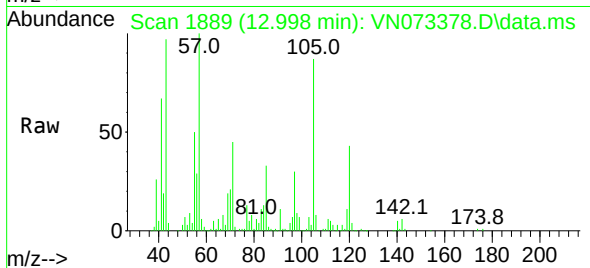
31268

Tgt Ion:105 Resp: 101325

Ion Ratio Lower Upper

105 100

120 48.8 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 56.850 ug/l

RT: 12.669 min Scan# 1833

Delta R.T. 0.106 min

Lab File: VN073378.D

Acq: 07 Jul 2022 17:59

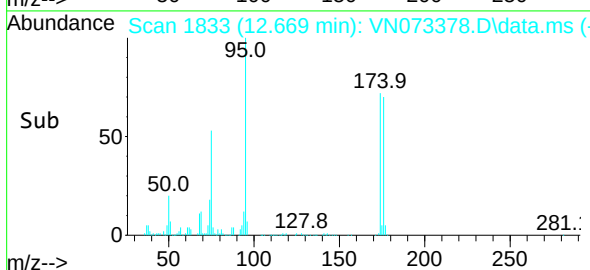
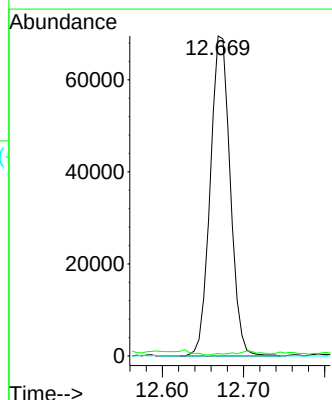
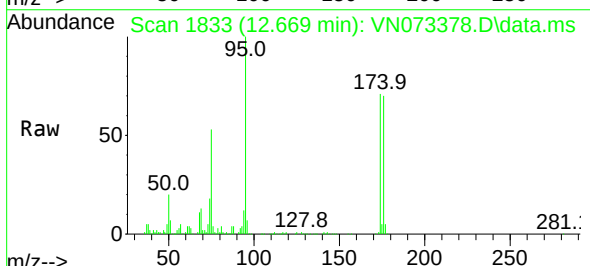
Tgt Ion: 75 Resp: 118917

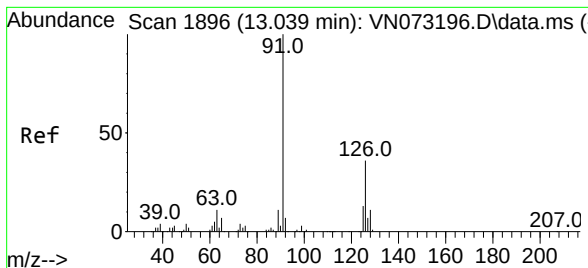
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 37.2 55.8#

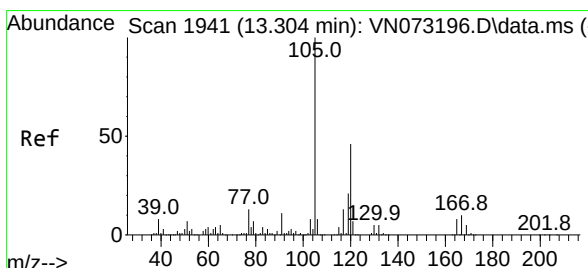
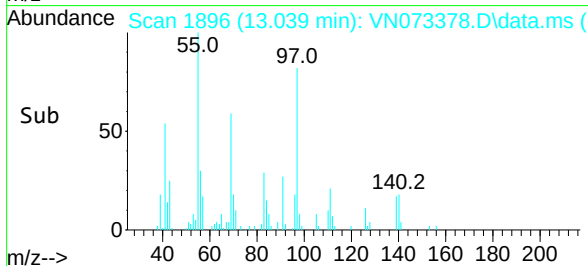
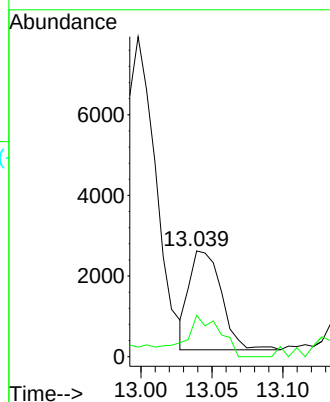
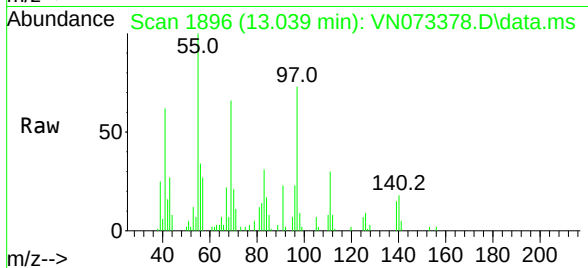




#82
4-Chlorotoluene
Concen: 0.301 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

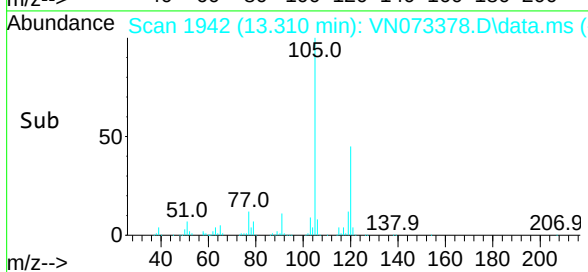
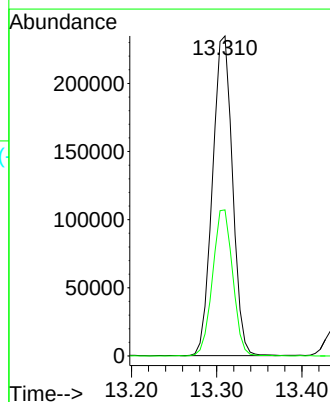
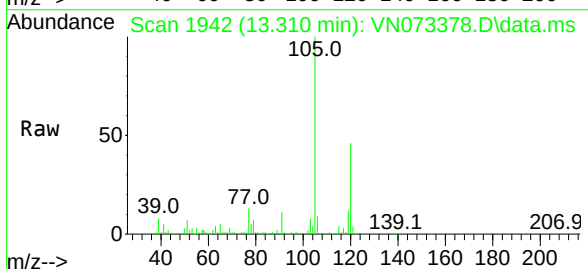
Instrument :
MSVOA_N
ClientSampleId :
31268

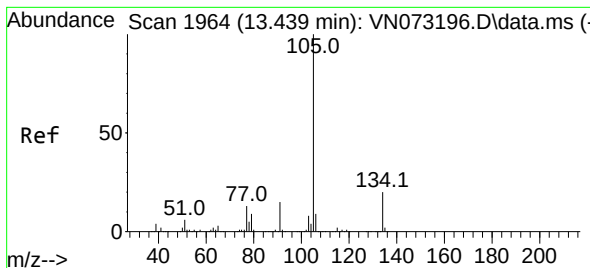
Tgt Ion: 91 Resp: 3887
Ion Ratio Lower Upper
91 100
126 43.0 17.2 51.6



#84
1,2,4-Trimethylbenzene
Concen: 24.824 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

Tgt Ion: 105 Resp: 382713
Ion Ratio Lower Upper
105 100
120 46.1 23.3 69.8





#85

sec-Butylbenzene

Concen: 1.847 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN073378.D

Acq: 07 Jul 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

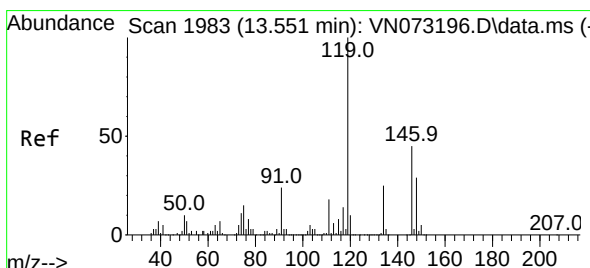
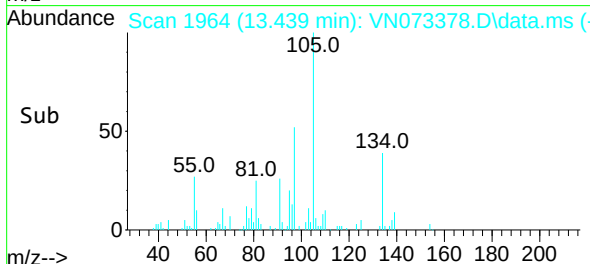
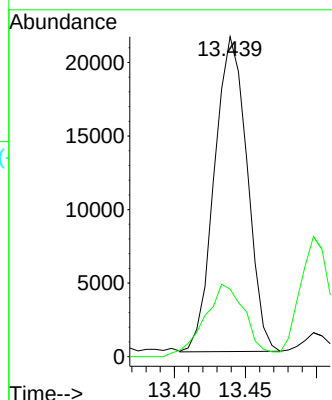
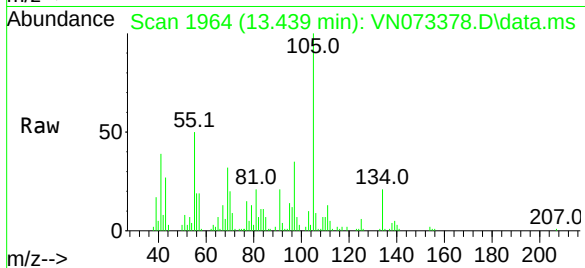
31268

Tgt Ion:105 Resp: 34336

Ion Ratio Lower Upper

105 100

134 28.7 10.4 31.1



#86

p-Isopropyltoluene

Concen: 2.136 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. 0.006 min

Lab File: VN073378.D

Acq: 07 Jul 2022 17:59

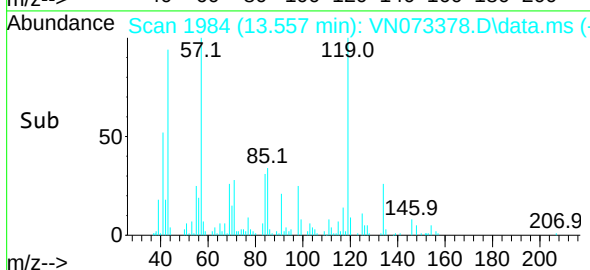
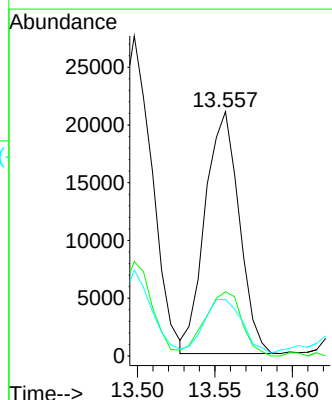
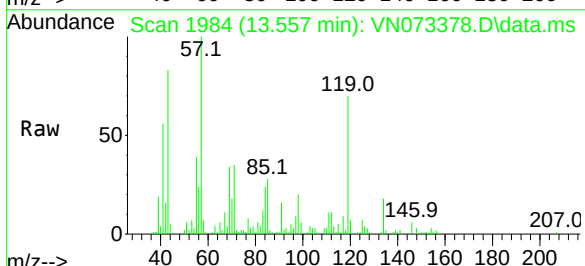
Tgt Ion:119 Resp: 32069

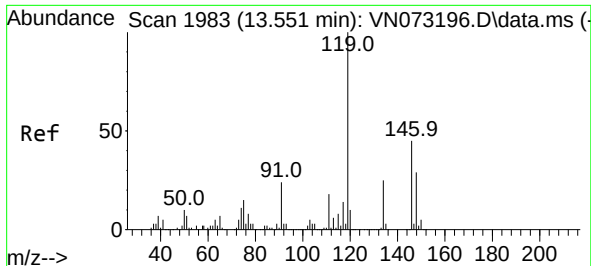
Ion Ratio Lower Upper

119 100

134 28.7 13.3 39.8

91 24.7 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 0.390 ug/l

RT: 13.551 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN073378.D

Acq: 07 Jul 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

31268

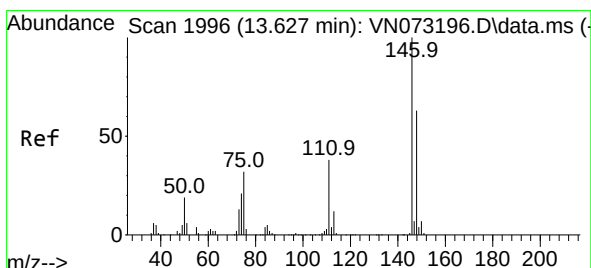
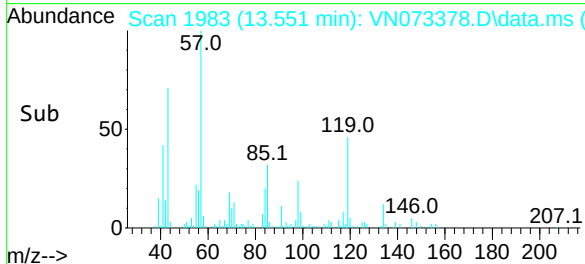
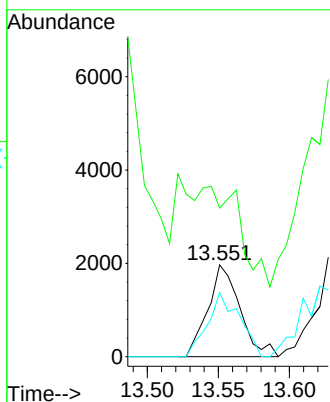
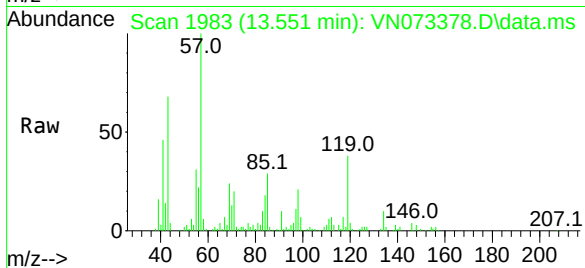
Tgt Ion:146 Resp: 3083

Ion Ratio Lower Upper

146 100

111 0.0 20.0 60.0#

148 69.5 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.534 ug/l

RT: 13.633 min Scan# 1997

Delta R.T. 0.006 min

Lab File: VN073378.D

Acq: 07 Jul 2022 17:59

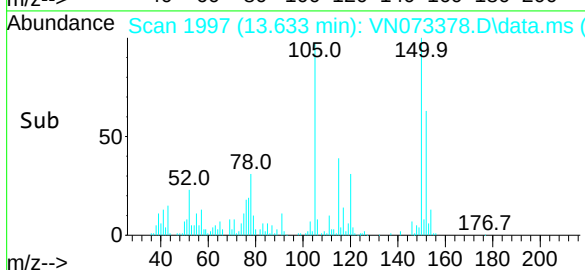
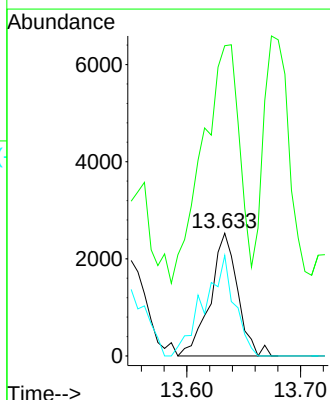
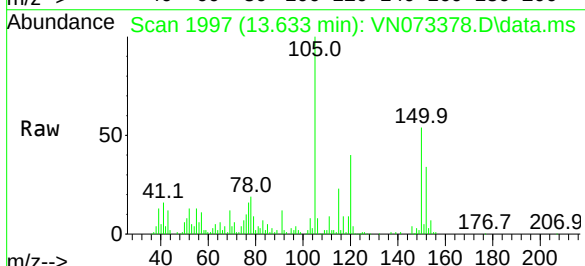
Tgt Ion:146 Resp: 4224

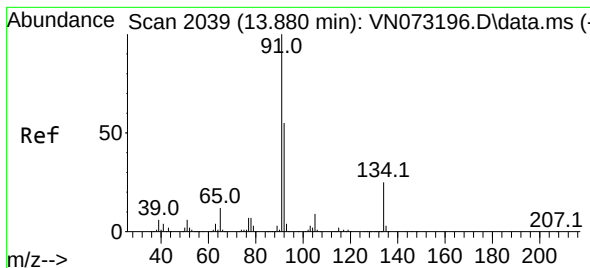
Ion Ratio Lower Upper

146 100

111 261.7 19.1 57.1#

148 90.8 31.4 94.3





#89

n-Butylbenzene

Concen: 5.444 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073378.D

Acq: 07 Jul 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

31268

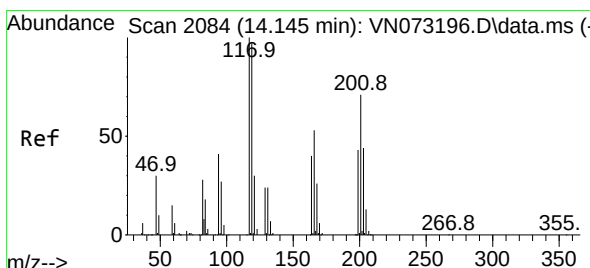
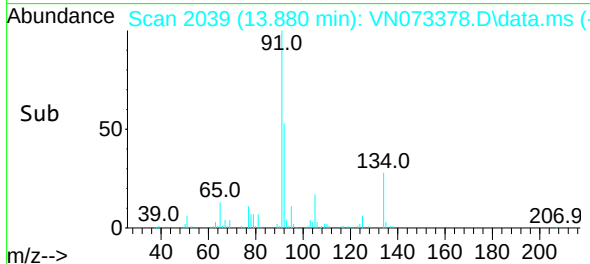
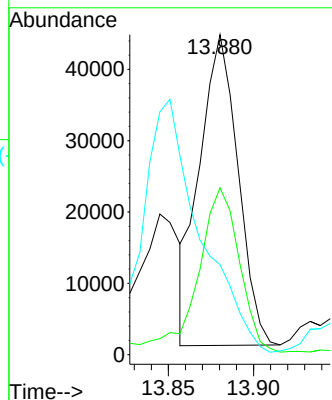
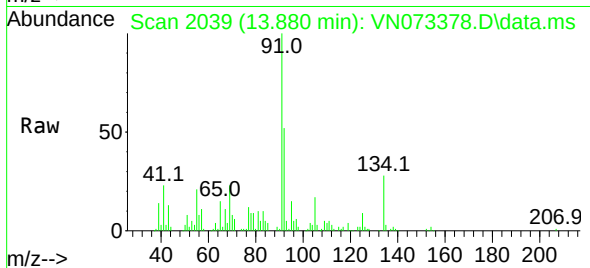
Tgt Ion: 91 Resp: 68121

Ion Ratio Lower Upper

91 100

92 56.8 26.9 80.7

134 0.0 13.6 40.8#



#90

Hexachloroethane

Concen: 5.484 ug/l

RT: 14.157 min Scan# 2086

Delta R.T. 0.012 min

Lab File: VN073378.D

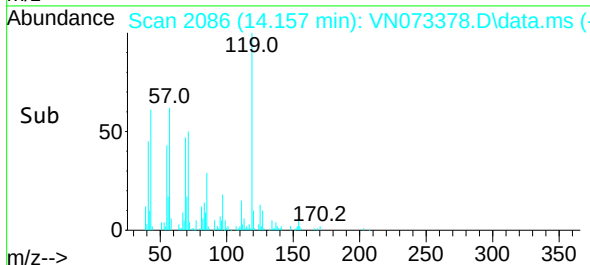
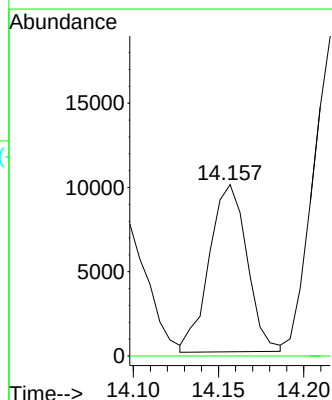
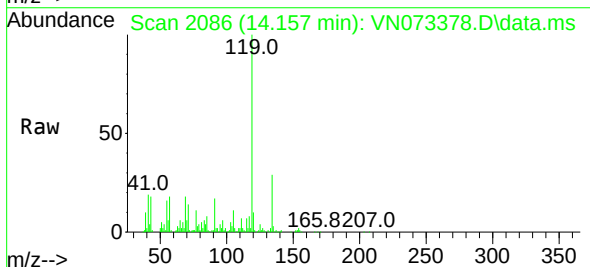
Acq: 07 Jul 2022 17:59

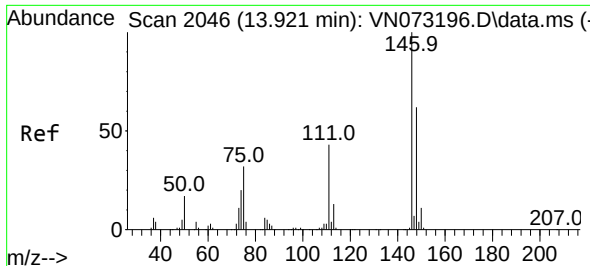
Tgt Ion: 117 Resp: 15348

Ion Ratio Lower Upper

117 100

201 0.0 40.6 122.0#

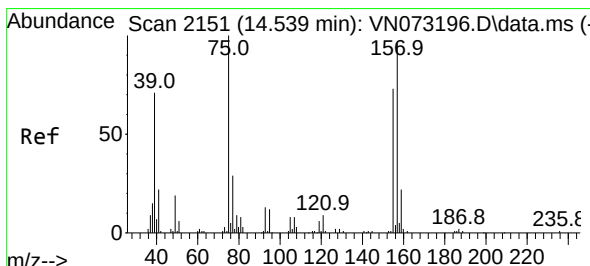
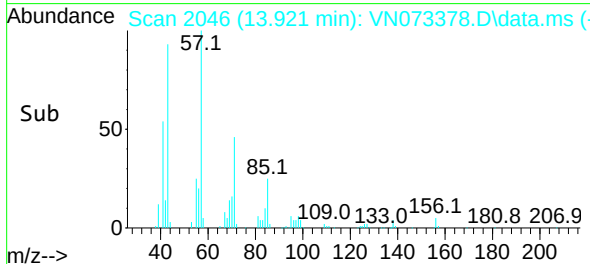
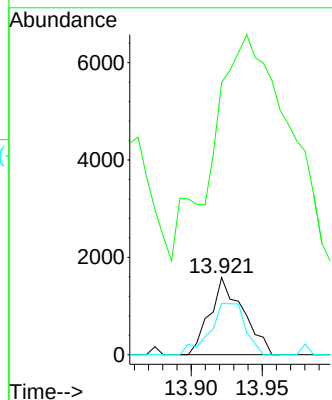
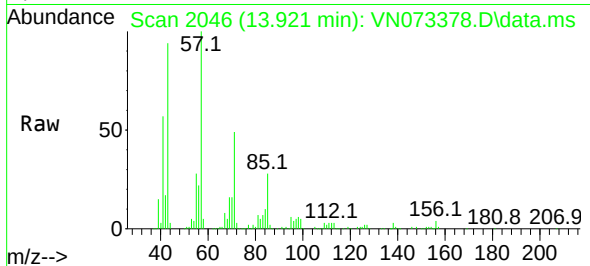




#91
1,2-Dichlorobenzene
Concen: 0.318 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

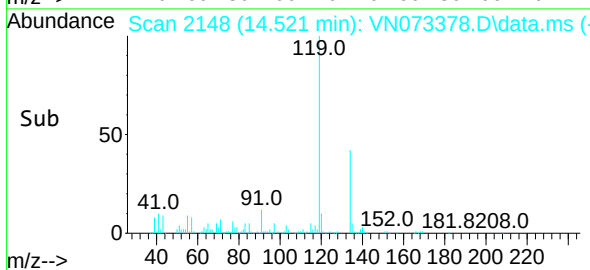
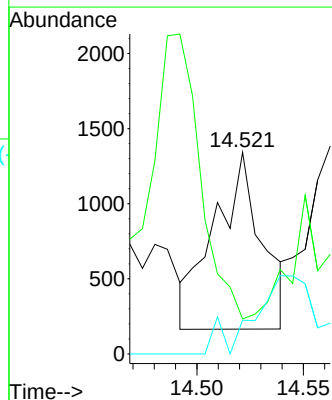
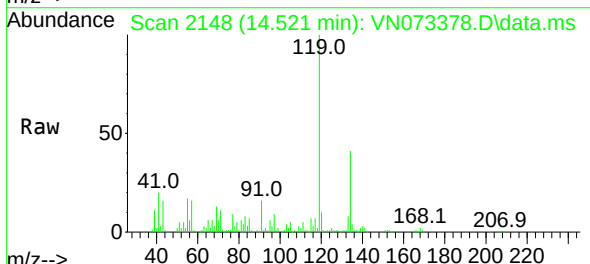
Instrument :
MSVOA_N
ClientSampleId :
31268

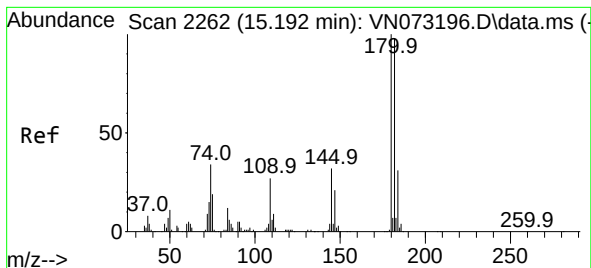
Tgt Ion:146 Resp: 2559
Ion Ratio Lower Upper
146 100
111 661.1 20.9 62.8#
148 70.3 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.196 ug/l
RT: 14.521 min Scan# 2148
Delta R.T. -0.018 min
Lab File: VN073378.D
Acq: 07 Jul 2022 17:59

Tgt Ion: 75 Resp: 1827
Ion Ratio Lower Upper
75 100
155 0.0 44.9 134.5#
157 4.8 59.0 176.8#





#93

1,2,4-Trichlorobenzene

Concen: 1.490 ug/l

RT: 15.198 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073378.D

Acq: 07 Jul 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

31268

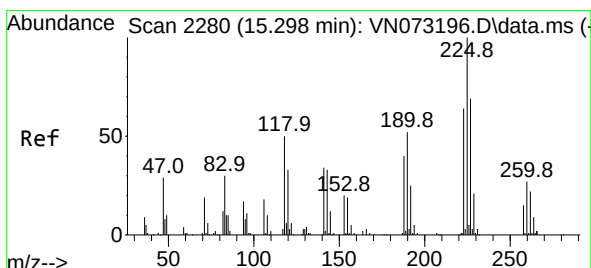
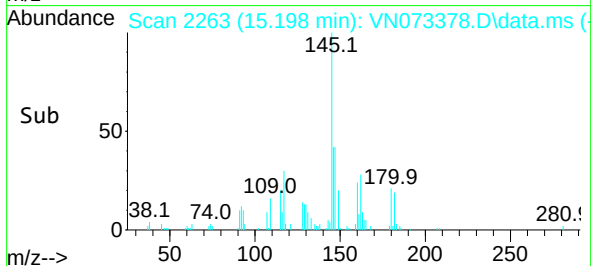
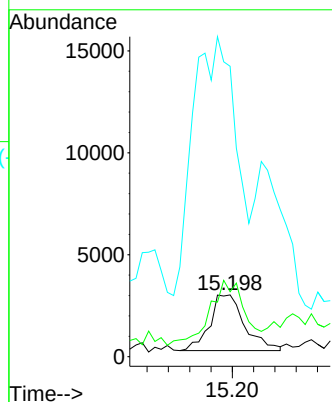
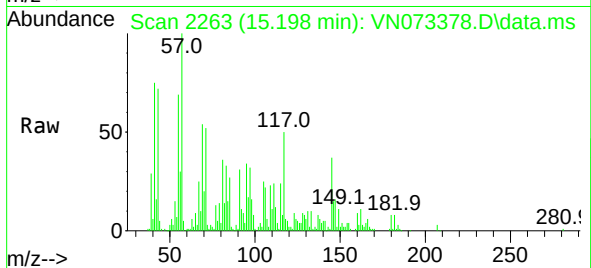
Tgt Ion:180 Resp: 6244

Ion Ratio Lower Upper

180 100

182 117.7 47.5 142.5

145 0.0 14.5 43.5#



#94

Hexachlorobutadiene

Concen: 0.502 ug/l

RT: 15.298 min Scan# 2280

Delta R.T. -0.000 min

Lab File: VN073378.D

Acq: 07 Jul 2022 17:59

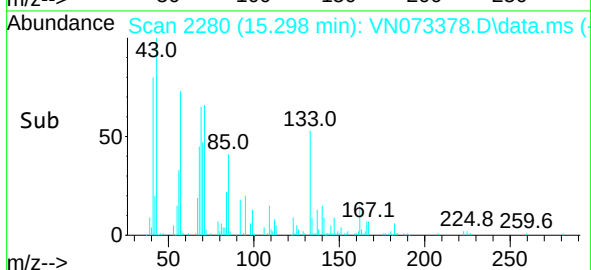
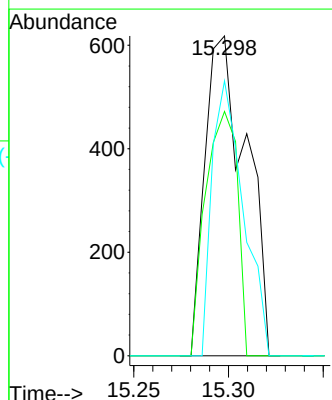
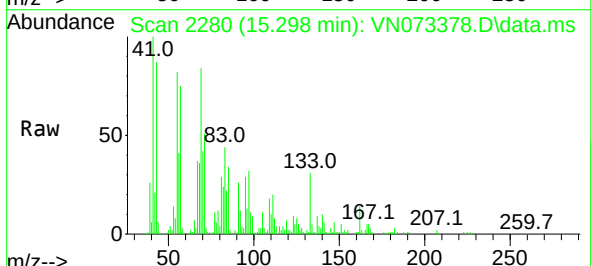
Tgt Ion:225 Resp: 935

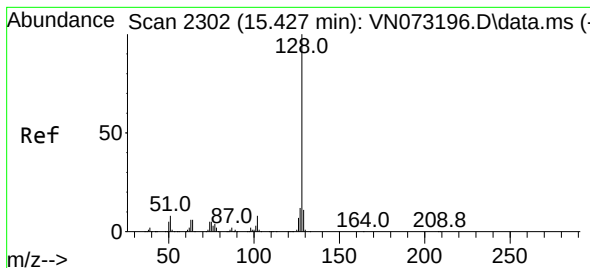
Ion Ratio Lower Upper

225 100

223 59.4 32.4 97.2

227 65.5 31.8 95.4





#95

Naphthalene

Concen: 11.714 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073378.D

Acq: 07 Jul 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

31268

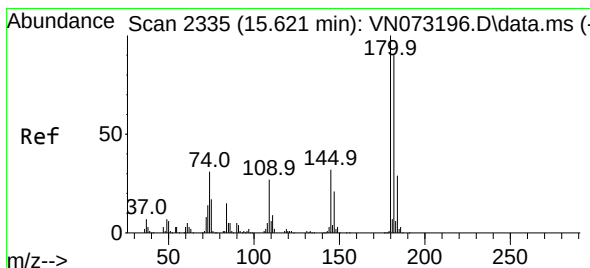
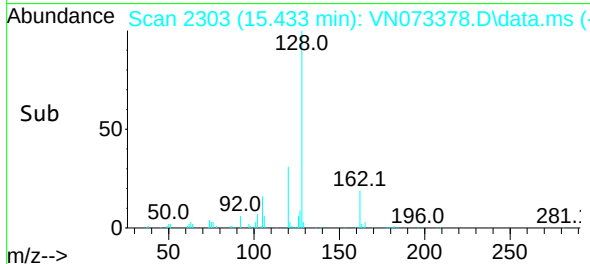
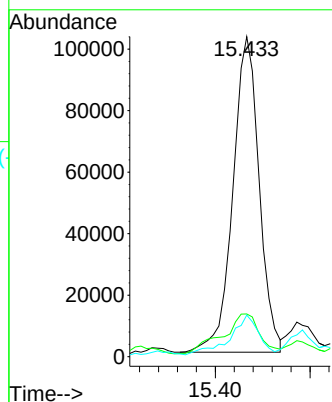
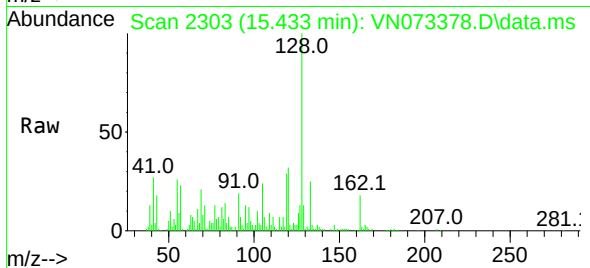
Tgt Ion:128 Resp: 198060

Ion Ratio Lower Upper

128 100

127 18.0 10.3 15.5#

129 13.7 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 2.033 ug/l

RT: 15.598 min Scan# 2331

Delta R.T. -0.023 min

Lab File: VN073378.D

Acq: 07 Jul 2022 17:59

Tgt Ion:180 Resp: 8788

Ion Ratio Lower Upper

180 100

182 0.0 47.8 143.3#

145 300.7 15.5 46.5#

