

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061121\
 Data File : VX022679.D
 Acq On : 11 Jun 2021 19:52
 Operator : JC/MD
 Sample : M2703-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 210609018-02-VOA

Quant Time: Jun 12 02:32:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

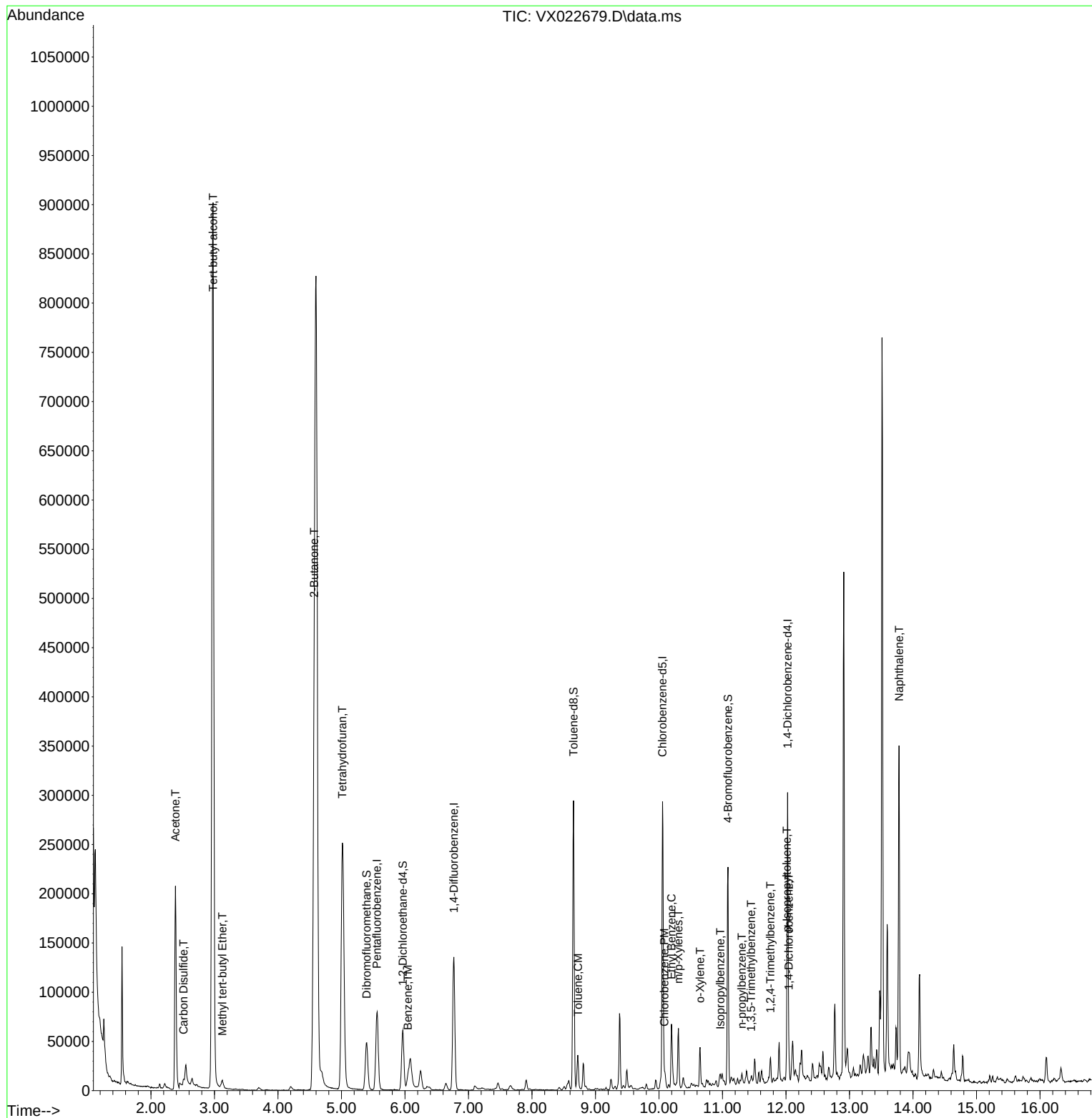
Internal Standards						
1) Pentafluorobenzene	5.556	168	65943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	131481	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54919	46.307	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.620%		
35) Dibromofluoromethane	5.397	113	41486	49.454	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.900%		
50) Toluene-d8	8.653	98	162758	49.218	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.440%		
62) 4-Bromofluorobenzene	11.085	95	59910	47.902	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.800%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.977	59	1037171	3777.065	ug/l	99
16) Acetone	2.386	43	203595	383.385	ug/l	96
17) Carbon Disulfide	2.514	76	12315	6.836	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	7592	2.733	ug/l	92
25) 2-Butanone	4.568	43	380717	442.048	ug/l	92
29) Tetrahydrofuran	5.013	42	226908	452.488	ug/l	86
40) Benzene	6.044	78	13945	3.578	ug/l	94
52) Toluene	8.726	92	9978	4.113	ug/l	96
65) Chlorobenzene	10.086	112	3028	1.235	ug/l #	72
67) Ethyl Benzene	10.195	91	35473	7.859	ug/l	91
68) m/p-Xylenes	10.305	106	11921	7.292	ug/l	89
69) o-Xylene	10.647	106	7867	4.966	ug/l	89
73) Isopropylbenzene	10.964	105	5550	1.383	ug/l	98
78) n-propylbenzene	11.305	91	2494	0.514	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	2752	0.823	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	10570	3.116	ug/l	97
86) p-Isopropyltoluene	12.012	119	4939	1.458	ug/l #	86
88) 1,4-Dichlorobenzene	12.043	146	6408	3.824	ug/l	87
95) Naphthalene	13.780	128	182552	44.114	ug/l	100

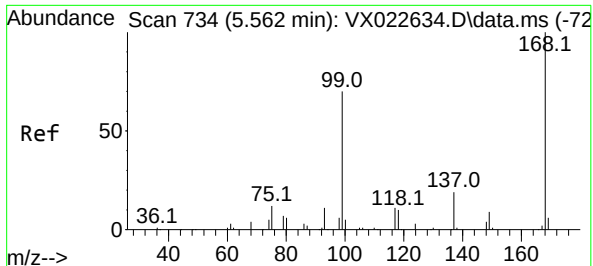
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
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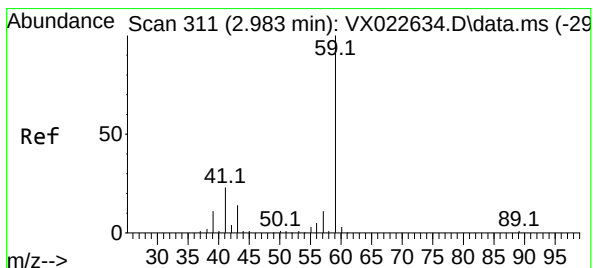
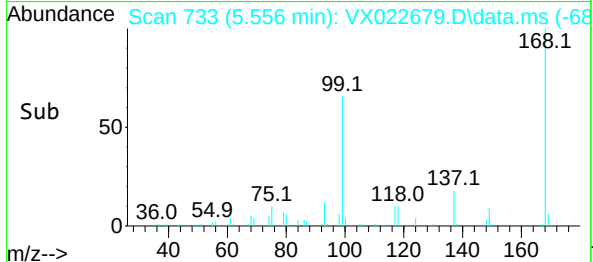
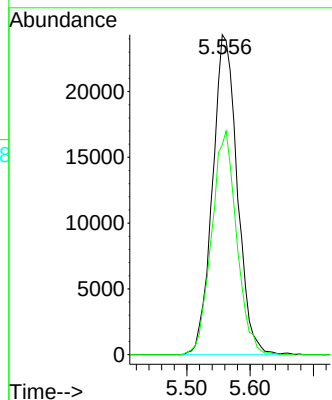
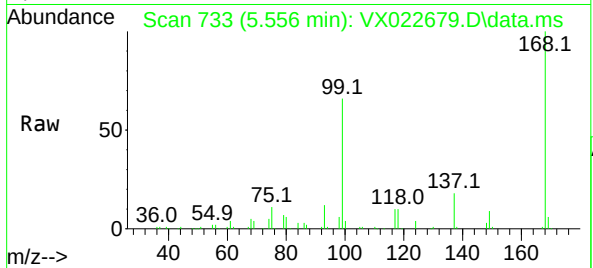




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022679.D
Acq: 11 Jun 2021 19:52

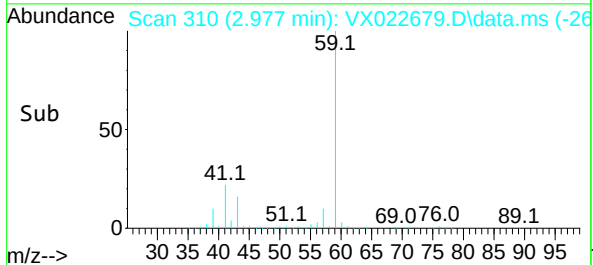
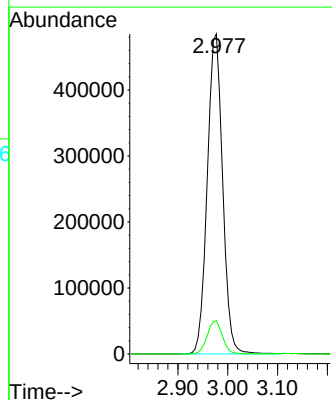
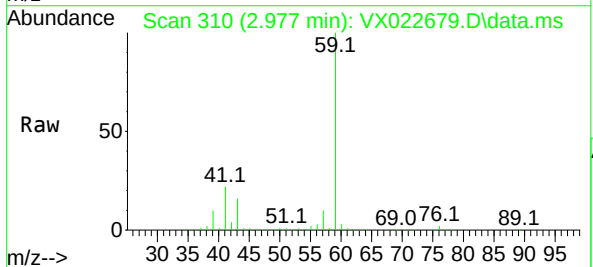
Instrument :
MSVOA_X
ClientSampleId :
210609018-02-VOA

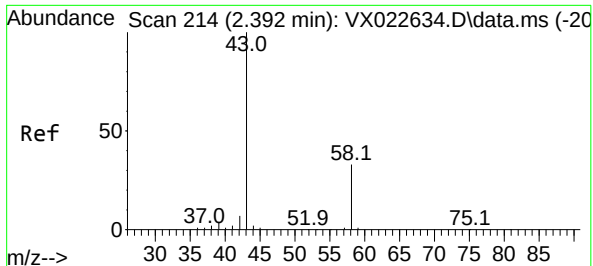
Tgt Ion:168 Resp: 65943
Ion Ratio Lower Upper
168 100
99 65.6 45.8 68.6



#11
Tert butyl alcohol
Concen: 3777.065 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX022679.D
Acq: 11 Jun 2021 19:52

Tgt Ion: 59 Resp: 1037171
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.8

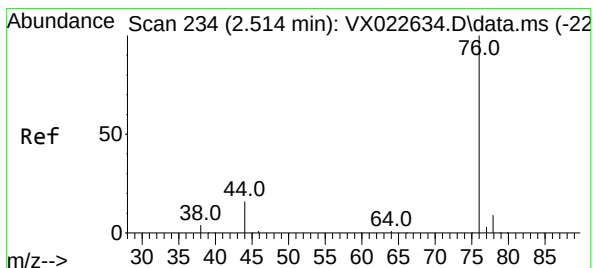
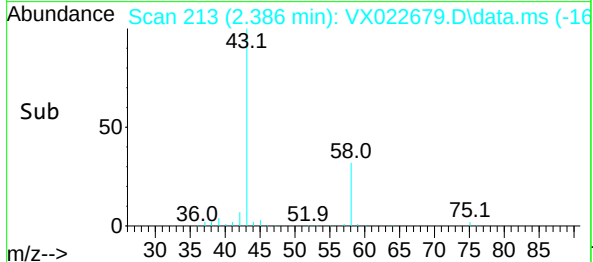
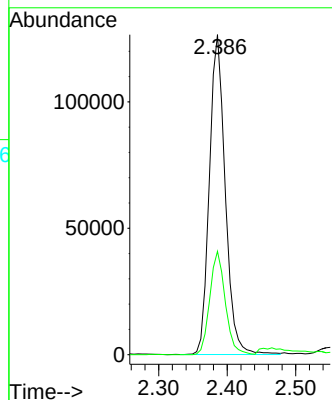
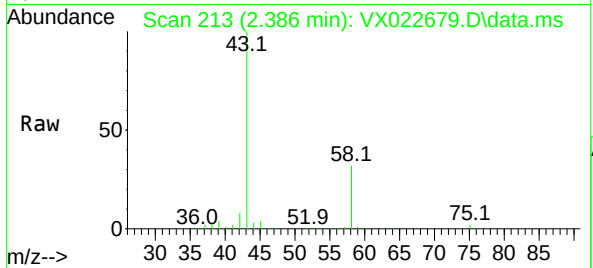




#16
Acetone
Concen: 383.385 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022679.D
Acq: 11 Jun 2021 19:52

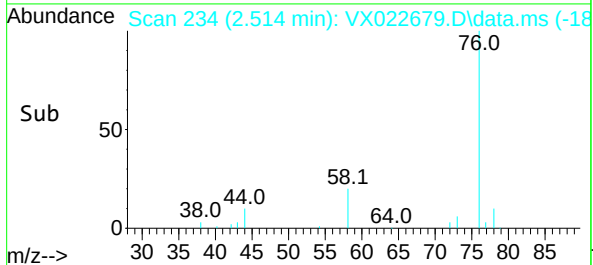
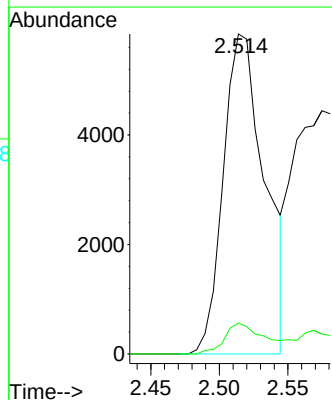
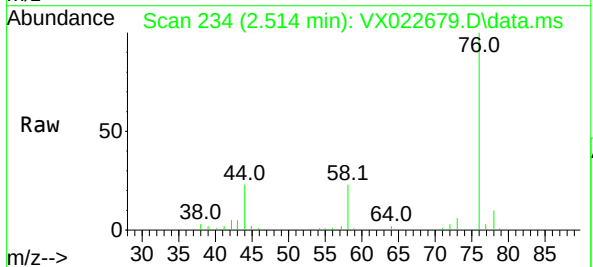
Instrument :
MSVOA_X
ClientSampleId :
210609018-02-VOA

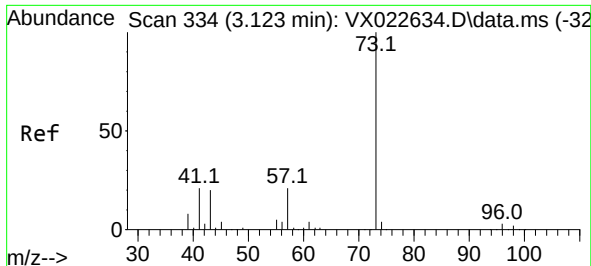
Tgt Ion: 43 Resp: 203595
Ion Ratio Lower Upper
43 100
58 32.3 27.8 41.8



#17
Carbon Disulfide
Concen: 6.836 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022679.D
Acq: 11 Jun 2021 19:52

Tgt Ion: 76 Resp: 12315
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8

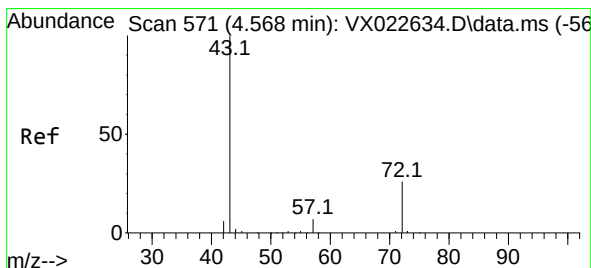
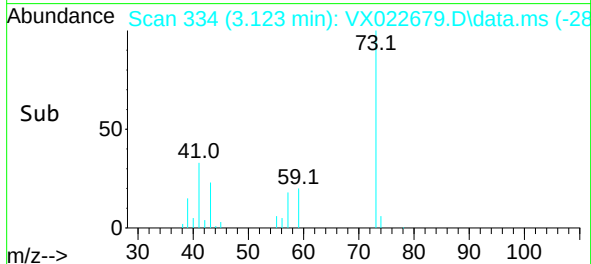
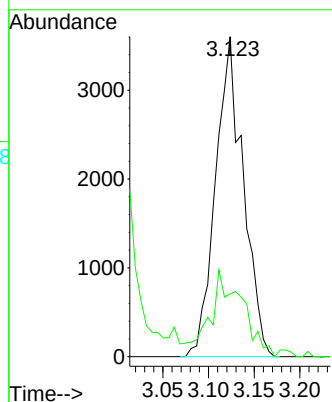
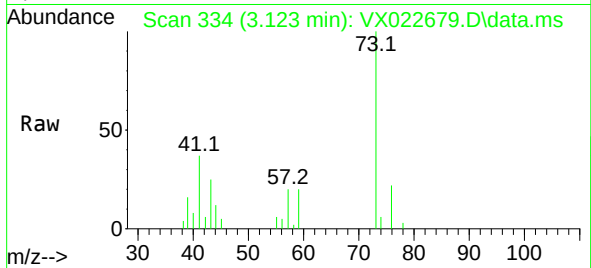




#19
Methyl tert-butyl Ether
Concen: 2.733 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX022679.D
Acq: 11 Jun 2021 19:52

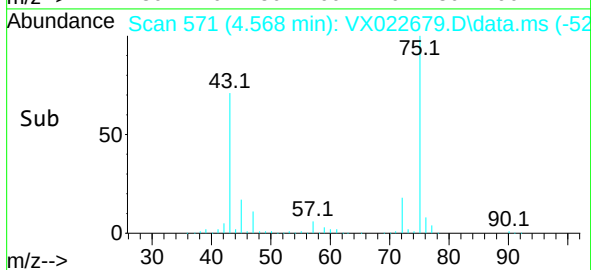
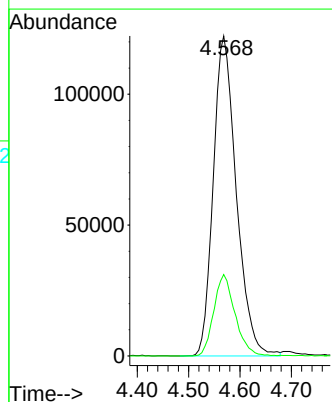
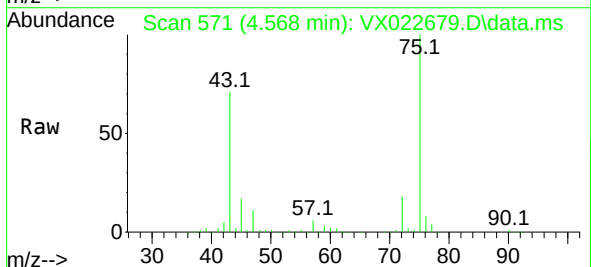
Instrument :
MSVOA_X
ClientSampleId :
210609018-02-VOA

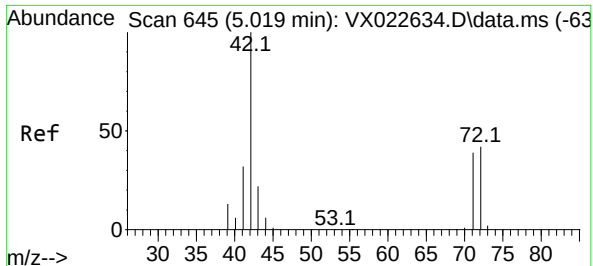
Tgt Ion: 73 Resp: 7592
Ion Ratio Lower Upper
73 100
57 17.6 17.1 25.7



#25
2-Butanone
Concen: 442.048 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX022679.D
Acq: 11 Jun 2021 19:52

Tgt Ion: 43 Resp: 380717
Ion Ratio Lower Upper
43 100
72 25.4 23.7 35.5





#29

Tetrahydrofuran

Concen: 452.488 ug/l

RT: 5.013 min Scan# 644

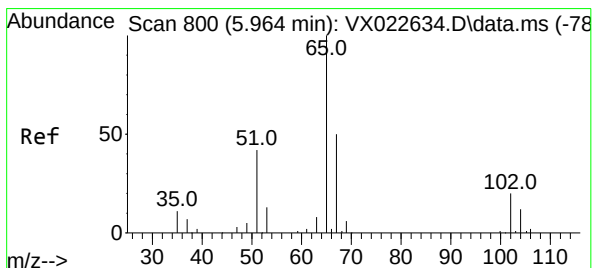
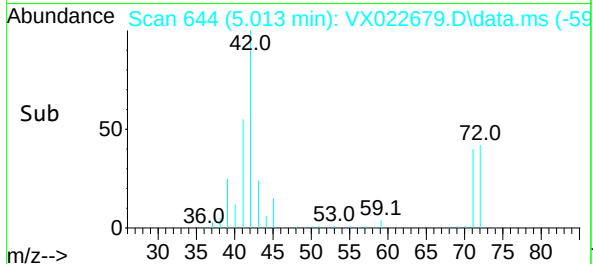
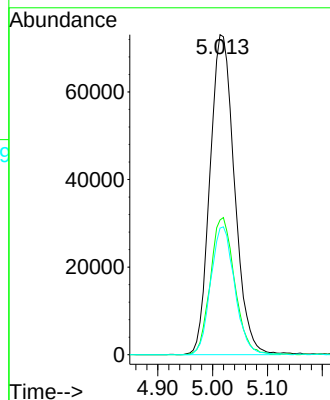
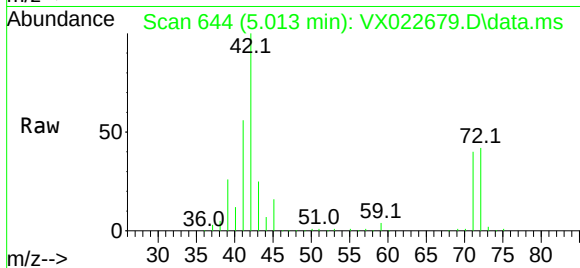
Delta R.T. 0.000 min

Lab File: VX022679.D

Acq: 11 Jun 2021 19:52

Tgt Ion: 42 Resp: 226908

Ion	Ratio	Lower	Upper
42	100		
72	42.3	41.7	62.5
71	39.2	38.4	57.6



#33

1,2-Dichloroethane-d4

Concen: 46.307 ug/l

RT: 5.964 min Scan# 800

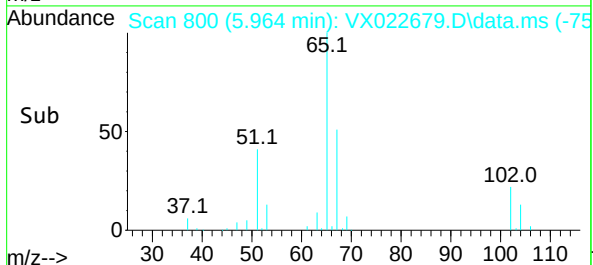
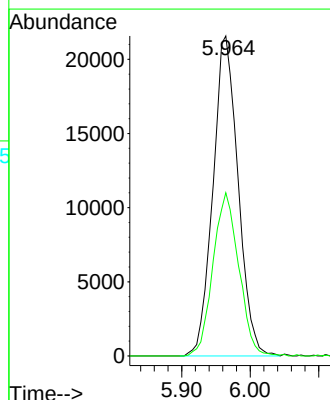
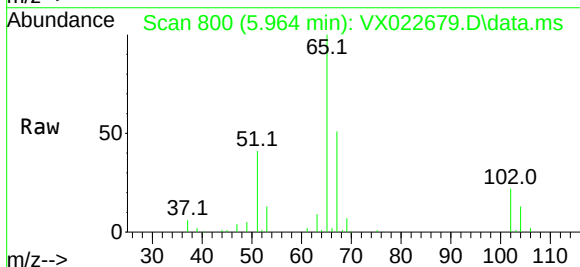
Delta R.T. 0.000 min

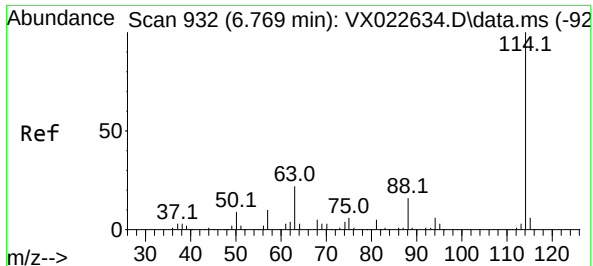
Lab File: VX022679.D

Acq: 11 Jun 2021 19:52

Tgt Ion: 65 Resp: 54919

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	105.4

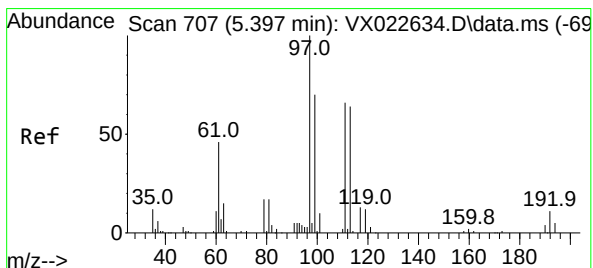
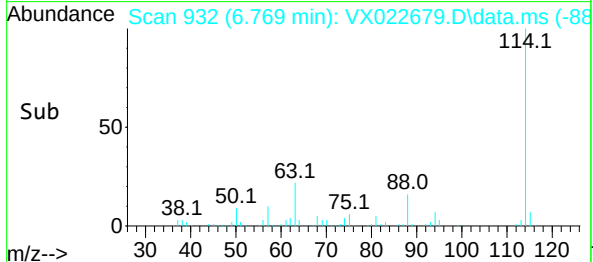
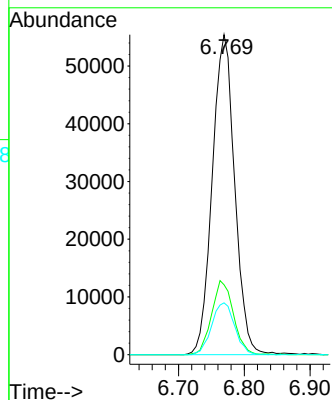
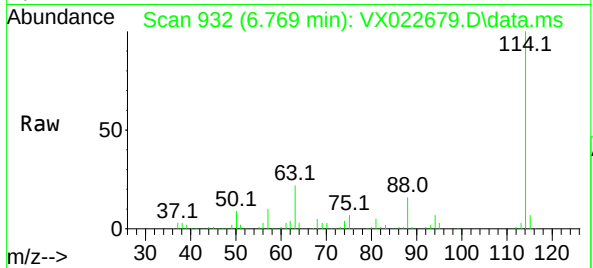




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022679.D
Acq: 11 Jun 2021 19:52

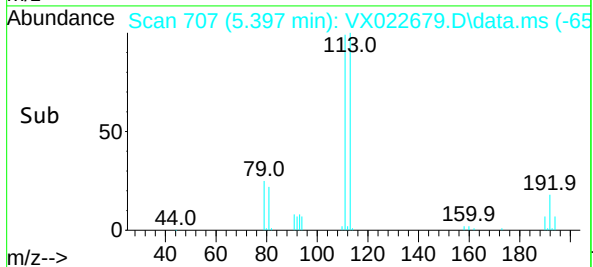
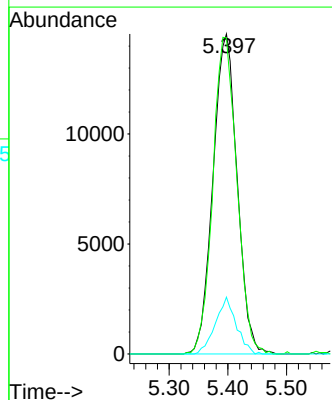
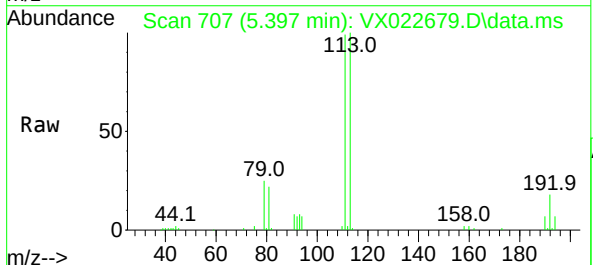
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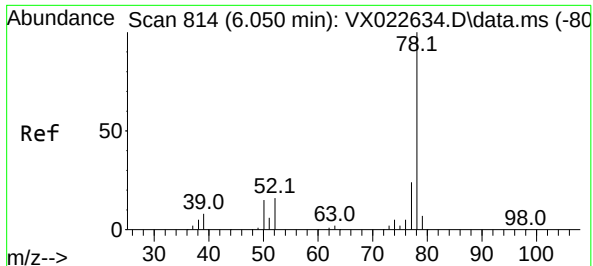
Tgt Ion:114 Resp: 131481
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.454 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022679.D
Acq: 11 Jun 2021 19:52

Tgt Ion:113 Resp: 41486
Ion Ratio Lower Upper
113 100
111 98.7 81.9 122.9
192 15.3 16.7 25.1#

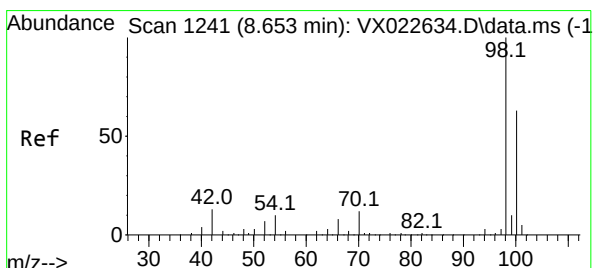
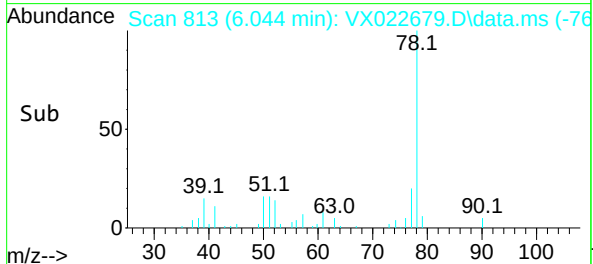
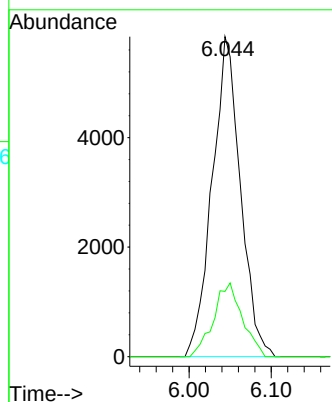
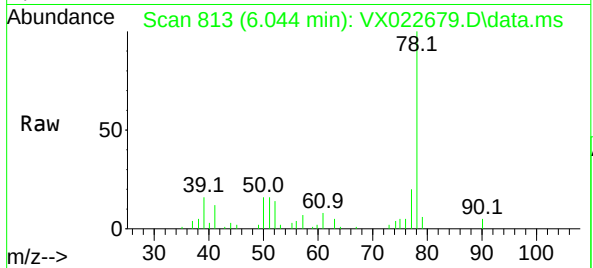




#40
Benzene
Concen: 3.578 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX022679.D
Acq: 11 Jun 2021 19:52

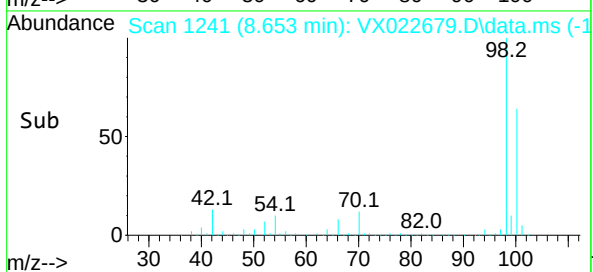
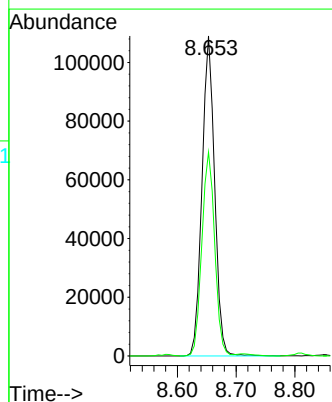
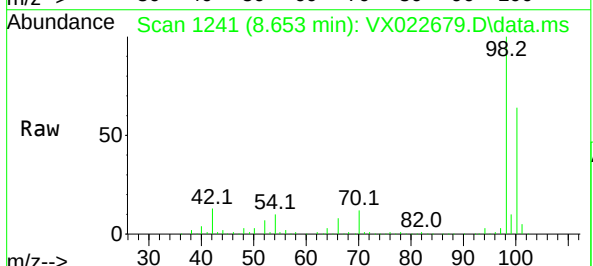
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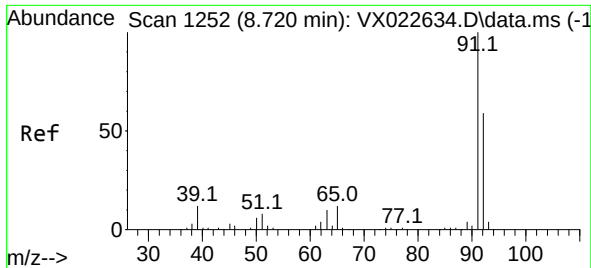
Tgt Ion: 78 Resp: 13945
Ion Ratio Lower Upper
78 100
77 20.4 18.9 28.3



#50
Toluene-d8
Concen: 49.218 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX022679.D
Acq: 11 Jun 2021 19:52

Tgt Ion: 98 Resp: 162758
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9

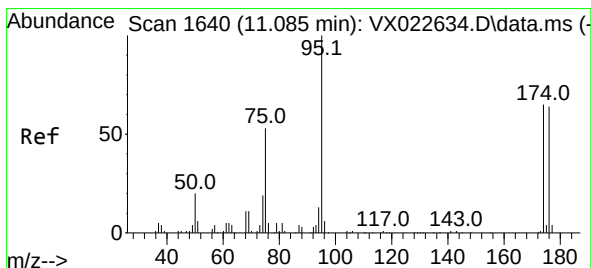
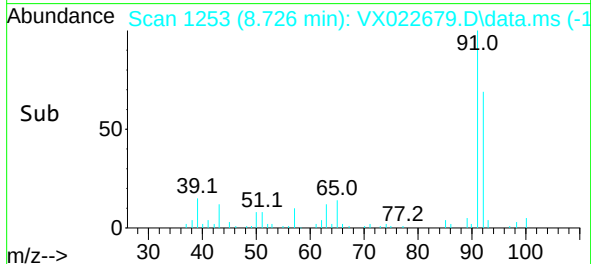
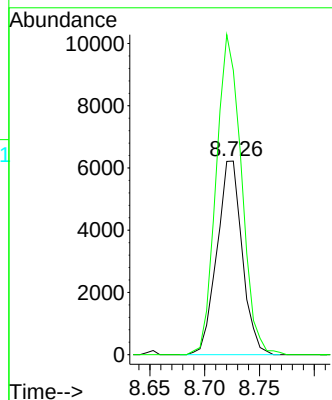
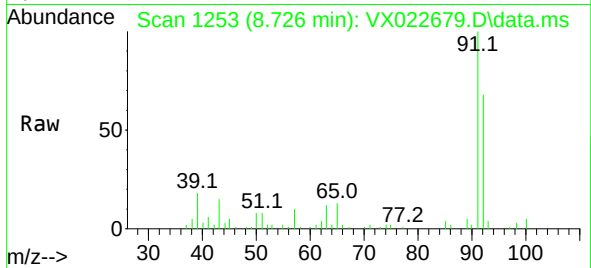




#52
Toluene
Concen: 4.113 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX022679.D
Acq: 11 Jun 2021 19:52

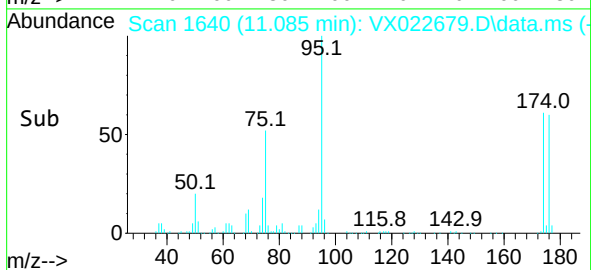
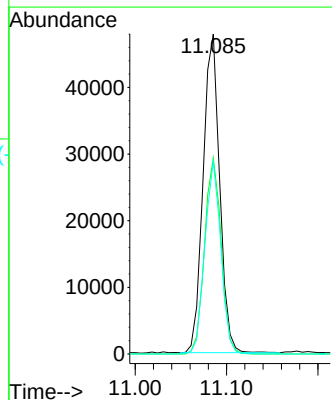
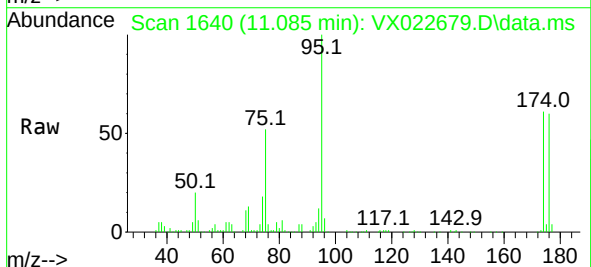
Instrument :
MSVOA_X
ClientSampleId :
210609018-02-VOA

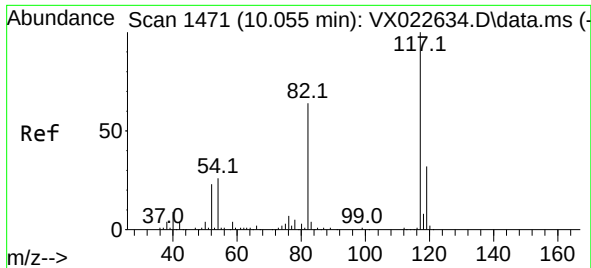
Tgt Ion: 92 Resp: 9978
Ion Ratio Lower Upper
92 100
91 165.5 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 47.902 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022679.D
Acq: 11 Jun 2021 19:52

Tgt Ion: 95 Resp: 59910
Ion Ratio Lower Upper
95 100
174 61.6 0.0 154.6
176 58.7 0.0 155.8

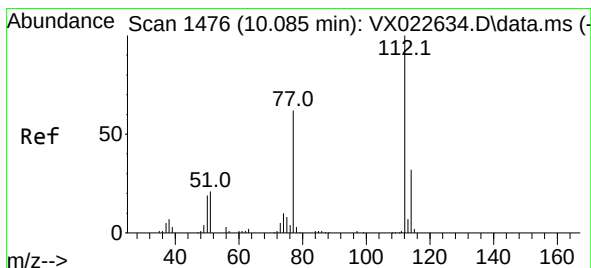
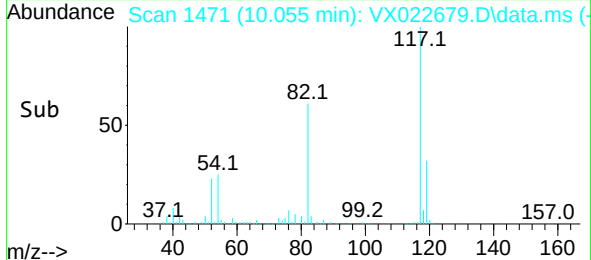
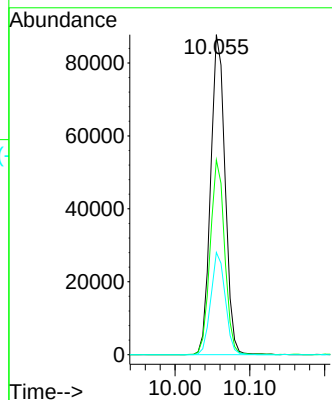
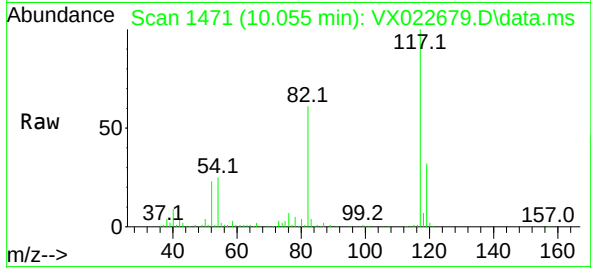




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022679.D
Acq: 11 Jun 2021 19:52

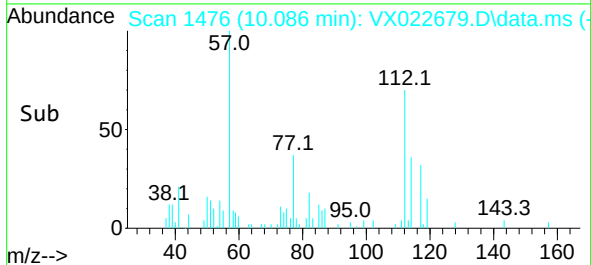
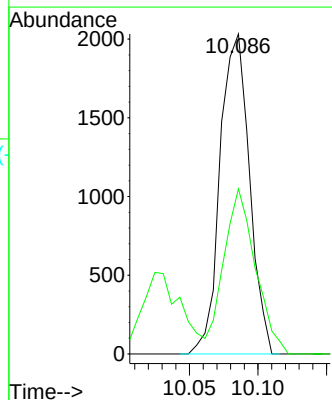
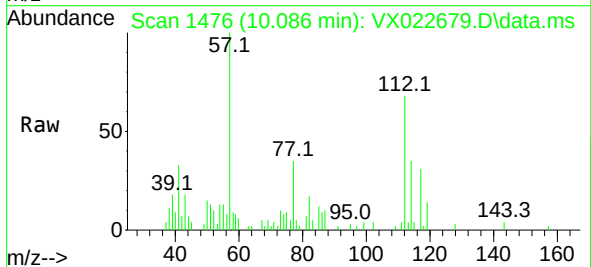
Instrument :
MSVOA_X
ClientSampleId :
210609018-02-VOA

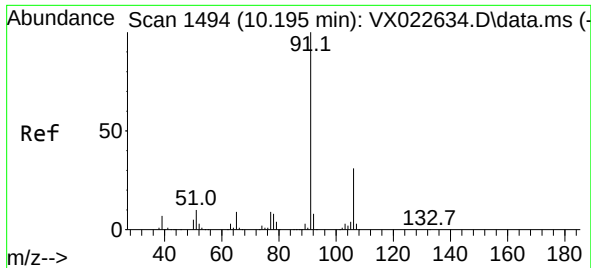
Tgt Ion:117 Resp: 117637
Ion Ratio Lower Upper
117 100
82 60.9 47.4 71.2
119 32.0 26.6 39.8



#65
Chlorobenzene
Concen: 1.235 ug/l
RT: 10.086 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VX022679.D
Acq: 11 Jun 2021 19:52

Tgt Ion:112 Resp: 3028
Ion Ratio Lower Upper
112 100
114 47.8 25.8 38.6#

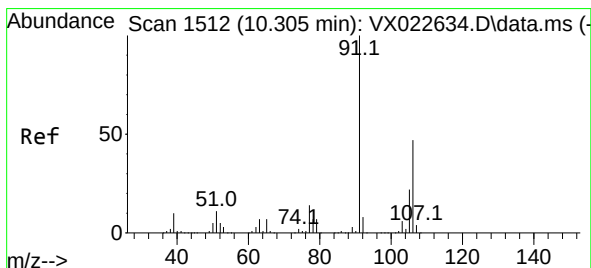
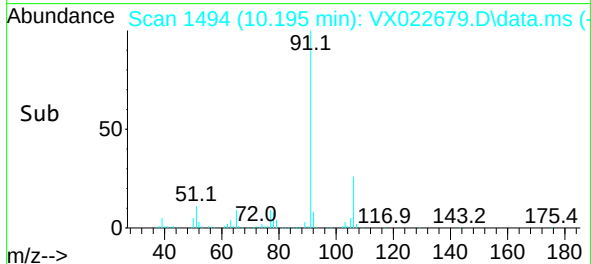
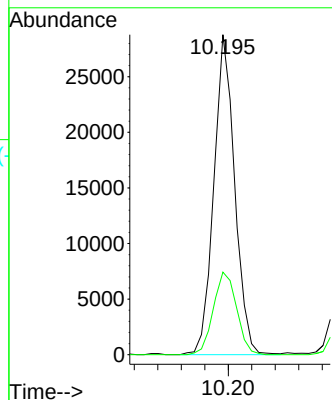
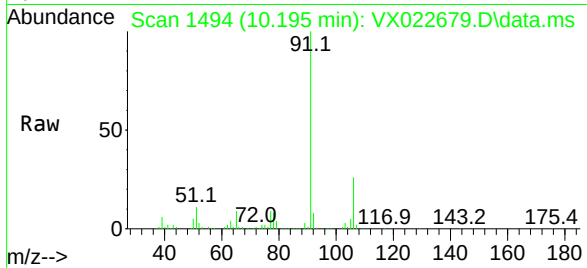




#67
Ethyl Benzene
Concen: 7.859 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX022679.D
Acq: 11 Jun 2021 19:52

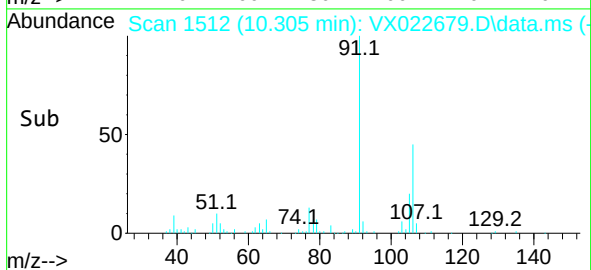
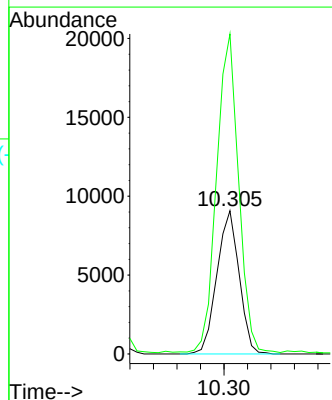
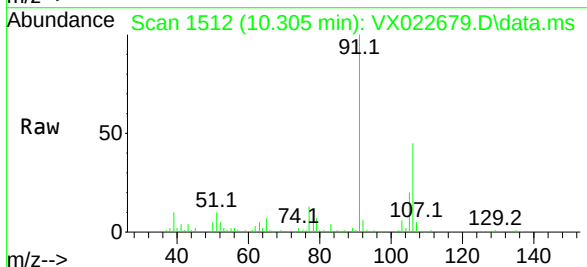
Instrument :
MSVOA_X
ClientSampleId :
210609018-02-VOA

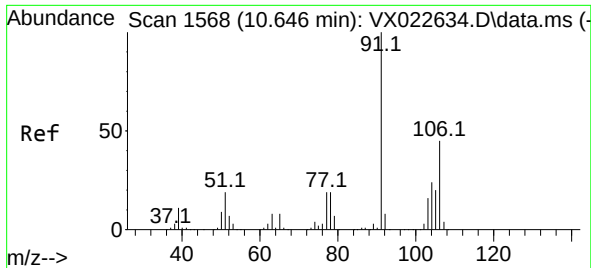
Tgt Ion: 91 Resp: 35473
Ion Ratio Lower Upper
91 100
106 25.8 24.6 37.0



#68
m/p-Xylenes
Concen: 7.292 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX022679.D
Acq: 11 Jun 2021 19:52

Tgt Ion: 106 Resp: 11921
Ion Ratio Lower Upper
106 100
91 220.3 162.8 244.2

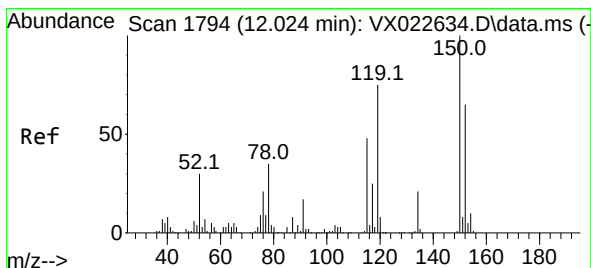
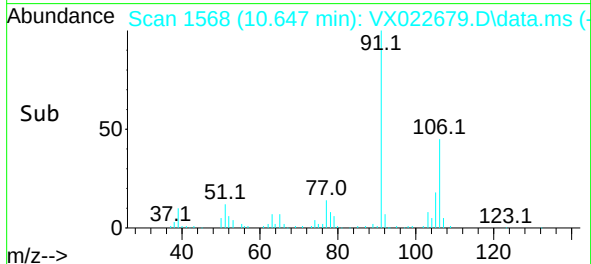
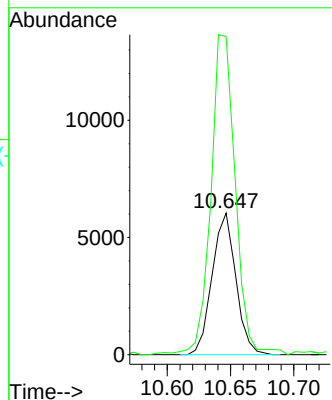
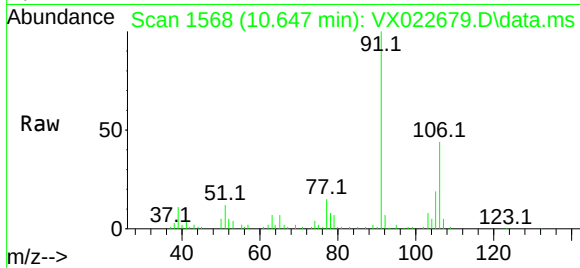




#69
o-Xylene
Concen: 4.966 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.001 min
Lab File: VX022679.D
Acq: 11 Jun 2021 19:52

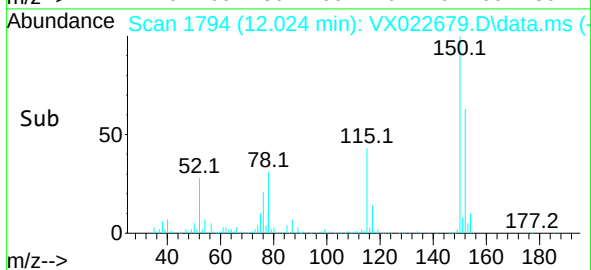
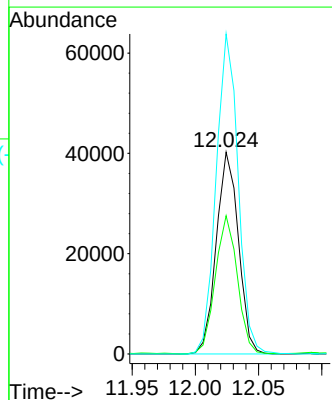
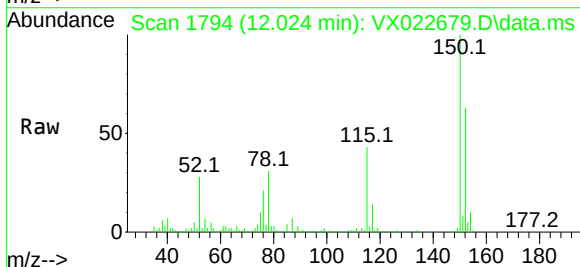
Instrument :
MSVOA_X
ClientSampleId :
210609018-02-VOA

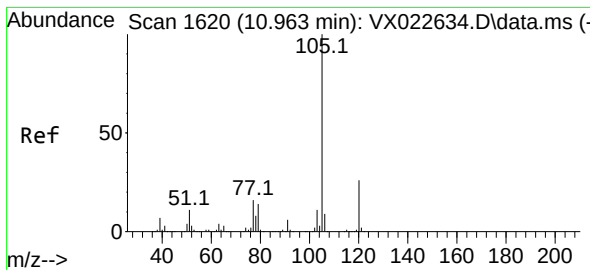
Tgt Ion:106 Resp: 7867
Ion Ratio Lower Upper
106 100
91 233.2 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022679.D
Acq: 11 Jun 2021 19:52

Tgt Ion:152 Resp: 48888
Ion Ratio Lower Upper
152 100
115 68.4 41.1 123.3
150 157.6 0.0 349.0

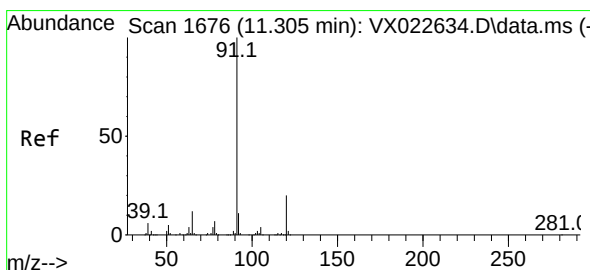
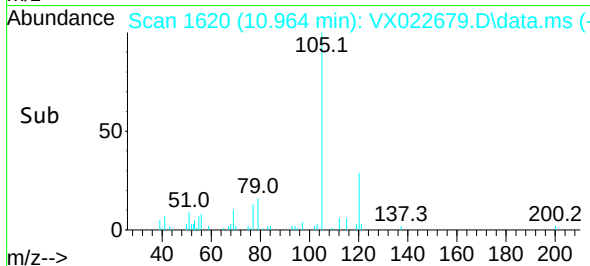
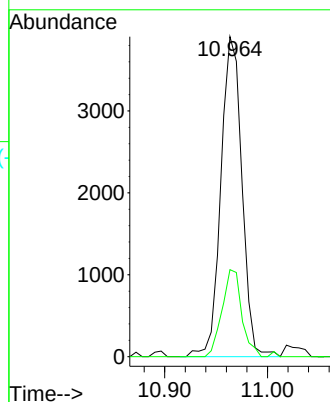
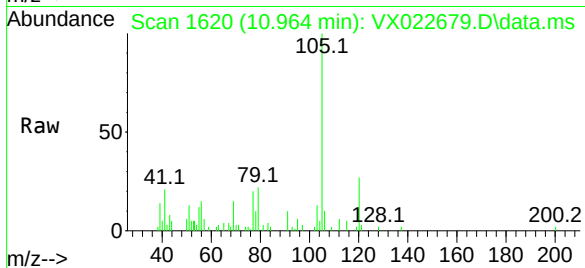




#73
Isopropylbenzene
Concen: 1.383 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX022679.D
Acq: 11 Jun 2021 19:52

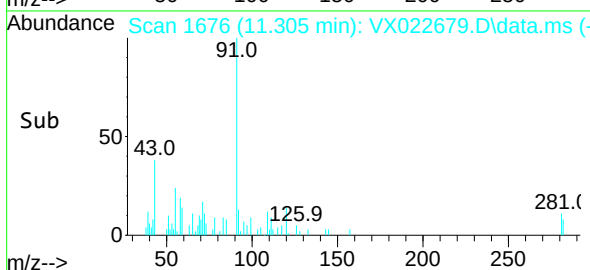
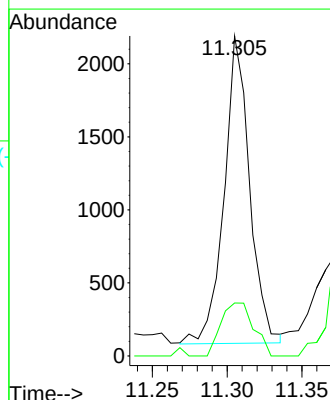
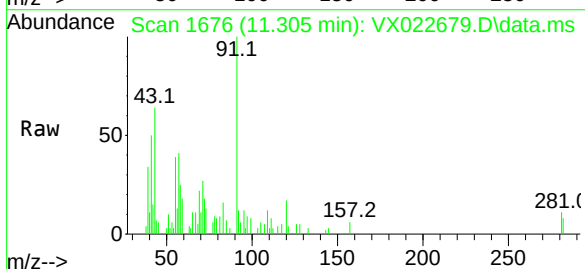
Instrument :
MSVOA_X
ClientSampleId :
210609018-02-VOA

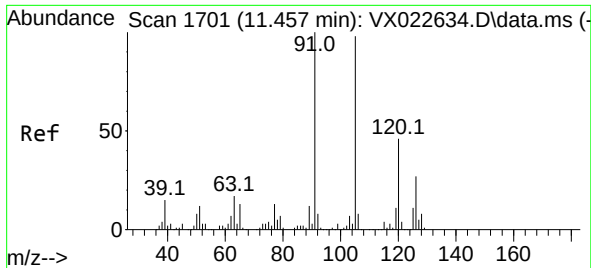
Tgt Ion:105 Resp: 5550
Ion Ratio Lower Upper
105 100
120 25.4 13.2 39.6



#78
n-propylbenzene
Concen: 0.514 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX022679.D
Acq: 11 Jun 2021 19:52

Tgt Ion: 91 Resp: 2494
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.5

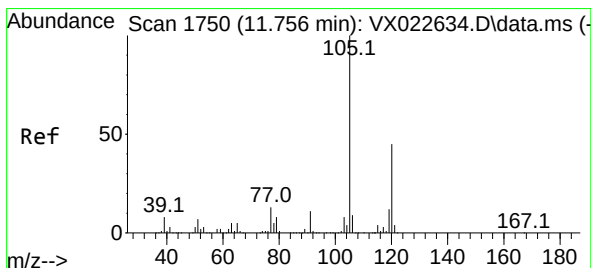
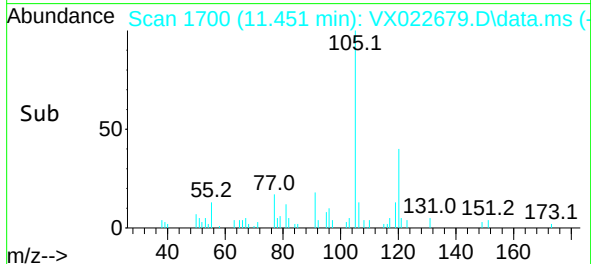
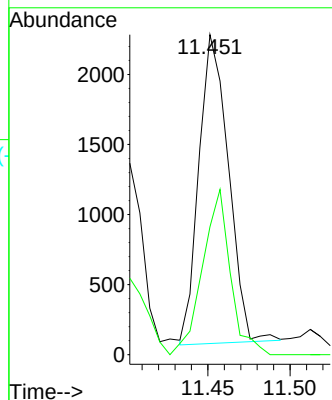
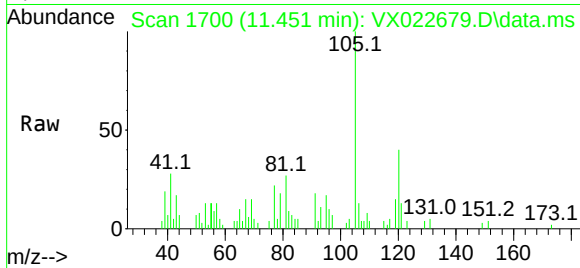




#80
1,3,5-Trimethylbenzene
Concen: 0.823 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX022679.D
Acq: 11 Jun 2021 19:52

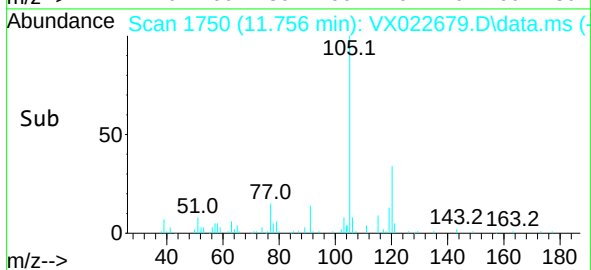
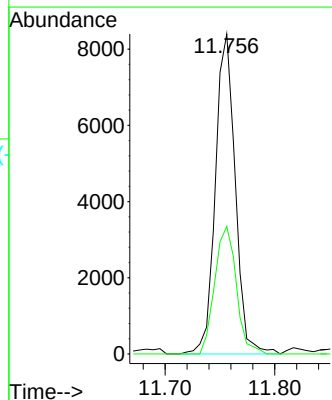
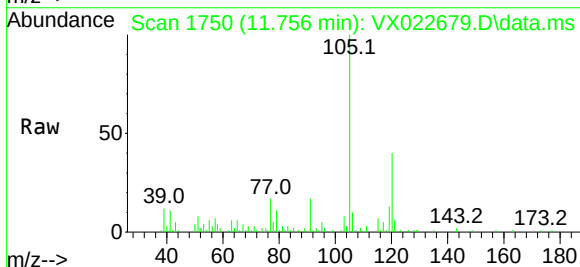
Instrument :
MSVOA_X
ClientSampleId :
210609018-02-VOA

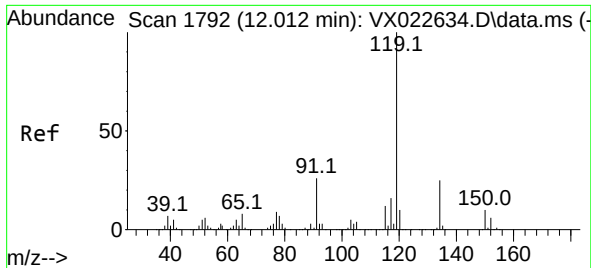
Tgt Ion:105 Resp: 2752
Ion Ratio Lower Upper
105 100
120 50.1 23.8 71.5



#84
1,2,4-Trimethylbenzene
Concen: 3.116 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX022679.D
Acq: 11 Jun 2021 19:52

Tgt Ion:105 Resp: 10570
Ion Ratio Lower Upper
105 100
120 43.2 22.4 67.3

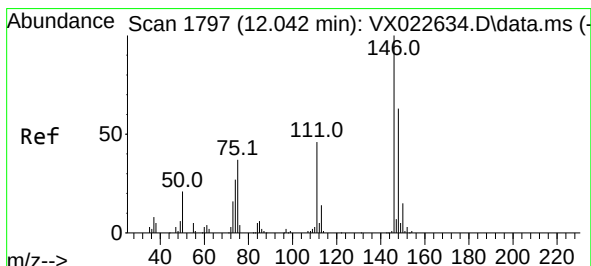
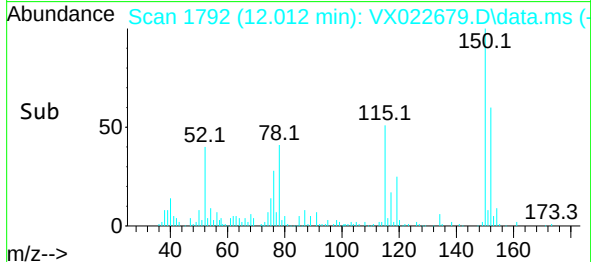
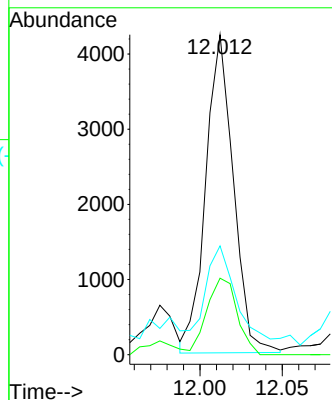
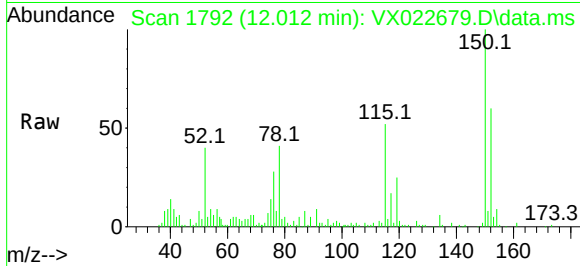




#86
p-Isopropyltoluene
Concen: 1.458 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX022679.D
Acq: 11 Jun 2021 19:52

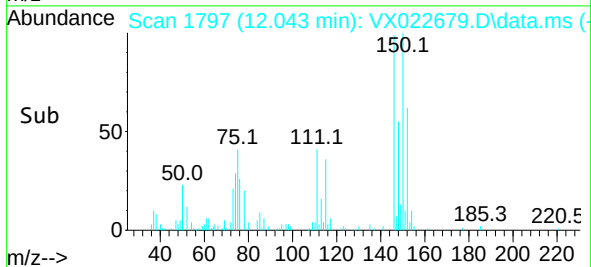
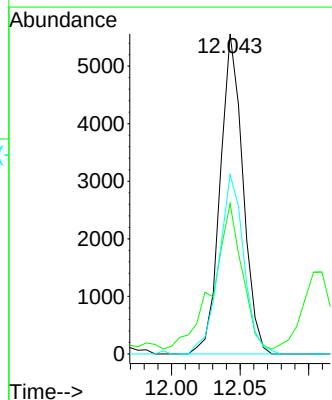
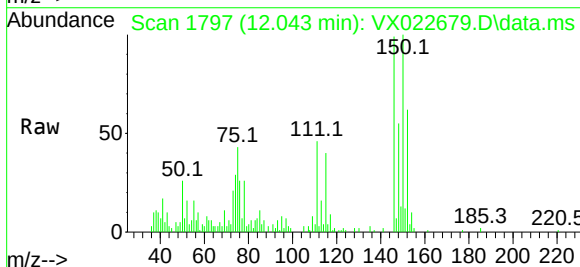
Instrument :
MSVOA_X
ClientSampleId :
210609018-02-VOA

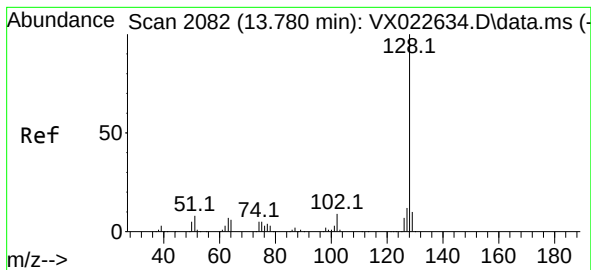
Tgt Ion:	119	Resp:	4939
Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.9	38.7
91	36.8	11.7	35.0#



#88
1,4-Dichlorobenzene
Concen: 3.824 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX022679.D
Acq: 11 Jun 2021 19:52

Tgt Ion:	146	Resp:	6408
Ion	Ratio	Lower	Upper
146	100		
111	58.1	19.6	58.8
148	61.8	31.6	95.0





#95
Naphthalene
Concen: 44.114 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022679.D
Acq: 11 Jun 2021 19:52

Instrument :
MSVOA_X
ClientSampleId :
210609018-02-VOA

Tgt Ion:128 Resp: 182552
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.8 13.2

