

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022960.D
 Acq On : 26 Jun 2021 06:58
 Operator : JC/MD
 Sample : M2812-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 293-347

Quant Time: Jun 26 07:38:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

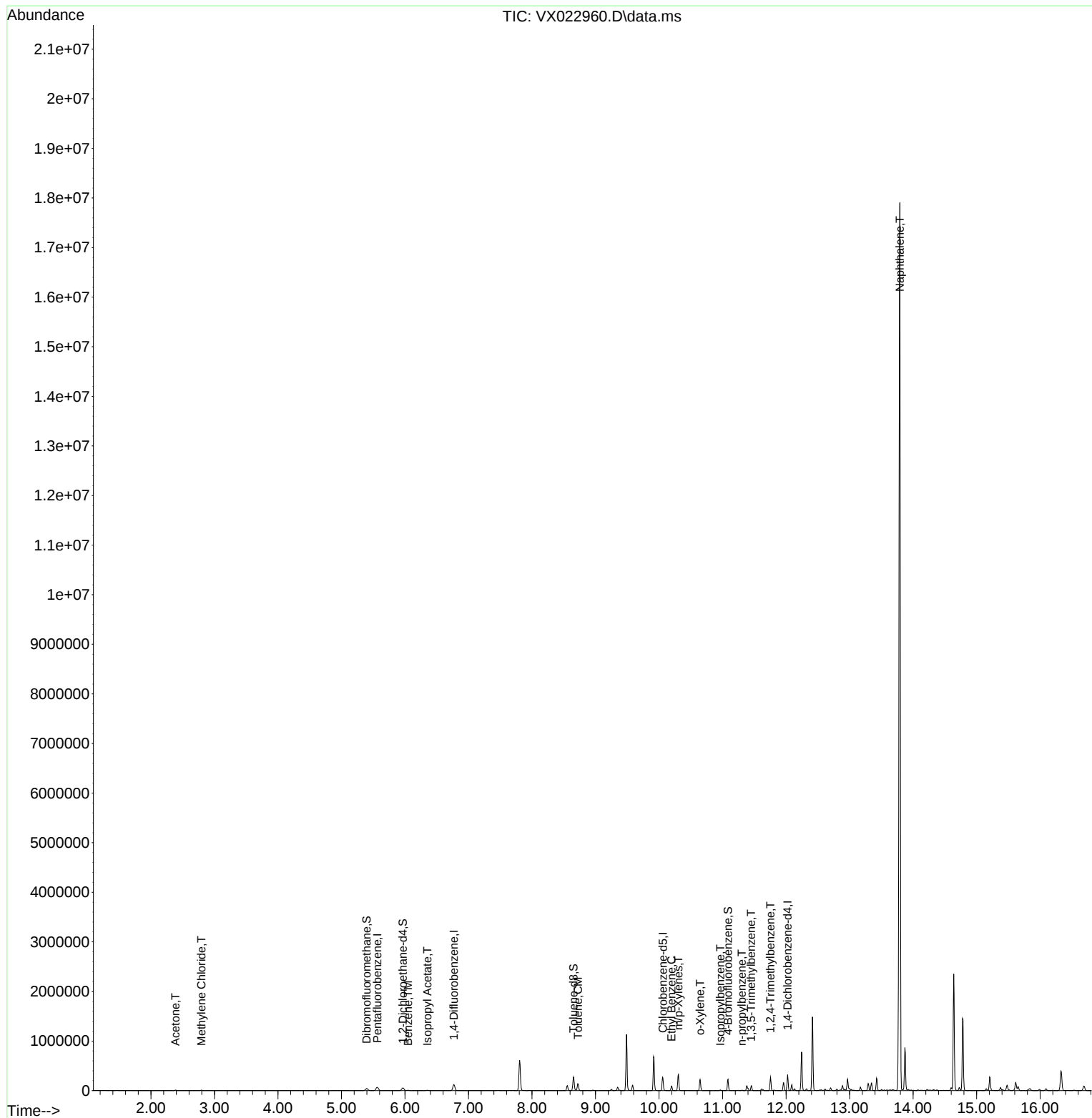
Internal Standards						
1) Pentafluorobenzene	5.562	168	56473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	116865	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	113762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51886	50.627	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.260%			
35) Dibromofluoromethane	5.397	113	35687	48.088	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.180%			
50) Toluene-d8	8.653	98	149813	51.508	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.020%			
62) 4-Bromofluorobenzene	11.085	95	57824	53.270	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.540%			
Target Compounds					Qvalue	
16) Acetone	2.386	43	13620	29.977	ug/l	92
20) Methylene Chloride	2.794	84	4103	4.892	ug/l	92
40) Benzene	6.050	78	7863	2.197	ug/l	91
43) Isopropyl Acetate	6.354	43	10181	4.404	ug/l #	92
52) Toluene	8.726	92	52474	24.252	ug/l	98
67) Ethyl Benzene	10.195	91	51205	11.607	ug/l	98
68) m/p-Xylenes	10.305	106	68837	42.017	ug/l	93
69) o-Xylene	10.646	106	39305	24.650	ug/l	96
73) Isopropylbenzene	10.963	105	6455	1.420	ug/l	92
78) n-propylbenzene	11.305	91	5527	1.005	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	41362	11.082	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	107542	28.628	ug/l	99
95) Naphthalene	13.792	128	10090640	2217.673	ug/l #	90

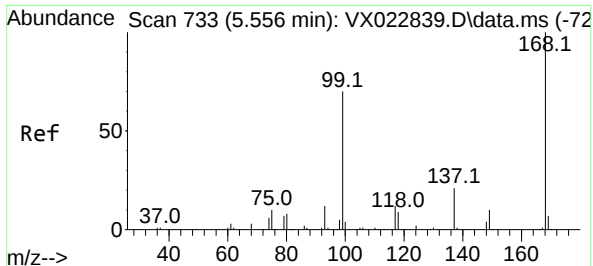
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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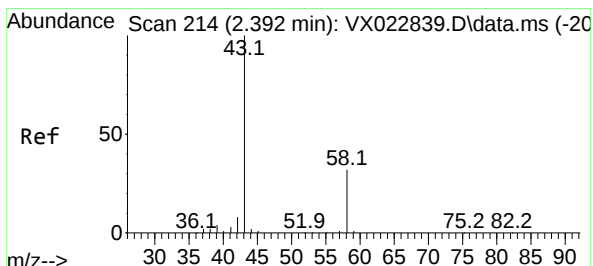
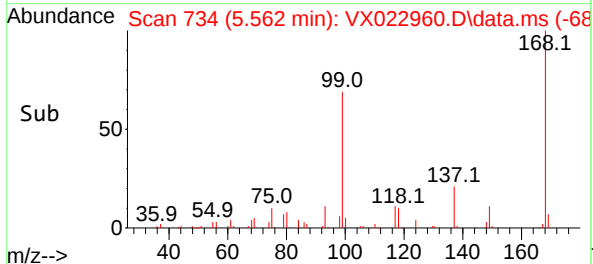
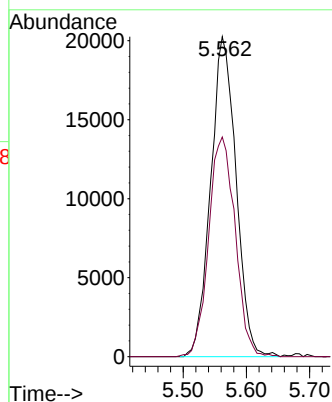
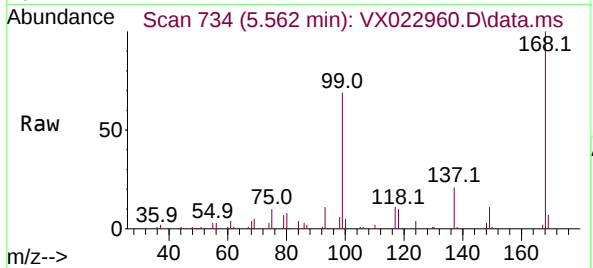




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022960.D
Acq: 26 Jun 2021 06:58

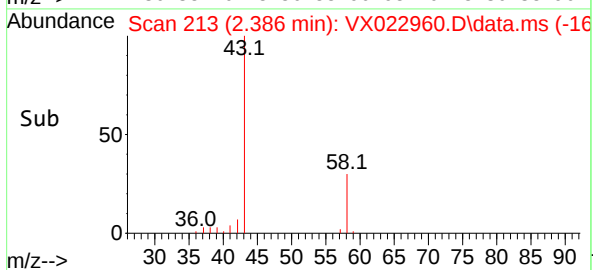
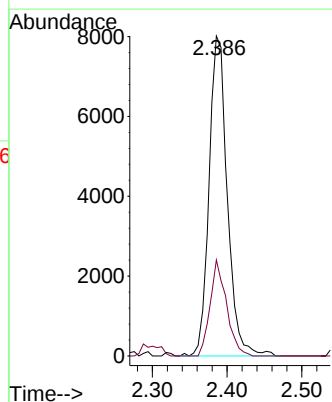
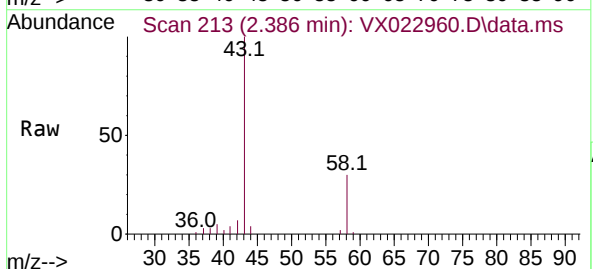
Instrument :
MSVOA_X
ClientSampleId :
293-347

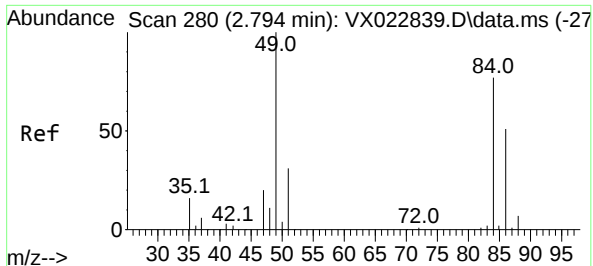
Tgt Ion:168 Resp: 56473
Ion Ratio Lower Upper
168 100
99 68.6 45.8 68.6



#16
Acetone
Concen: 29.977 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022960.D
Acq: 26 Jun 2021 06:58

Tgt Ion: 43 Resp: 13620
Ion Ratio Lower Upper
43 100
58 30.0 27.8 41.8



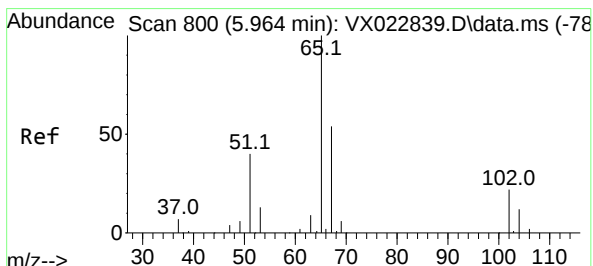
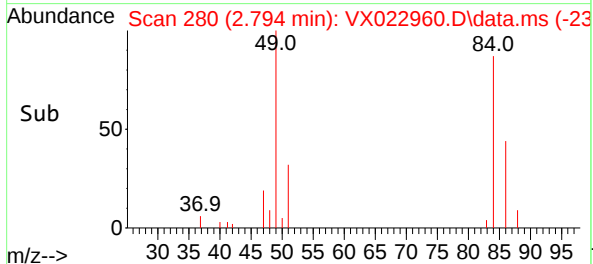
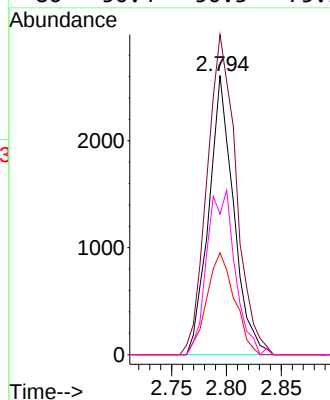
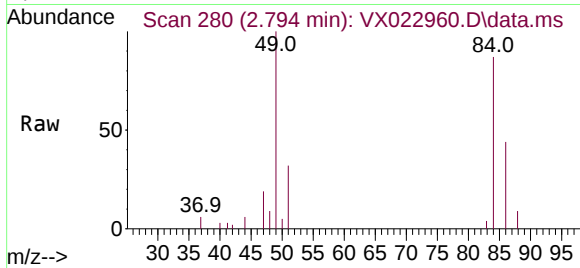


#20
Methylene Chloride
Concen: 4.892 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022960.D
Acq: 26 Jun 2021 06:58

Instrument :
MSVOA_X
ClientSampleId :
293-347

Tgt Ion: 84 Resp: 4103

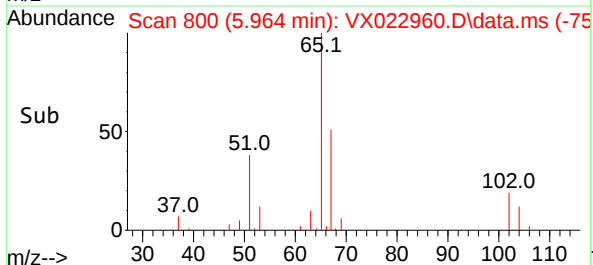
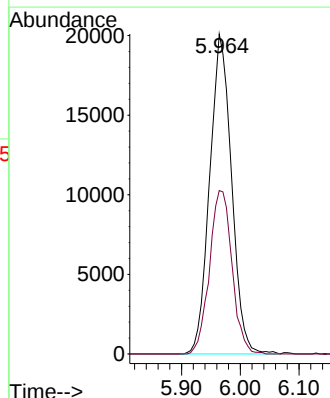
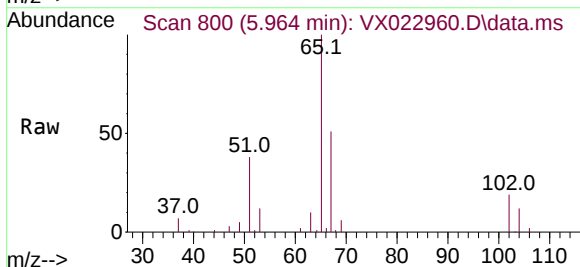
Ion	Ratio	Lower	Upper
84	100		
49	114.6	88.6	132.8
51	36.5	27.0	40.6
86	50.4	50.3	75.5

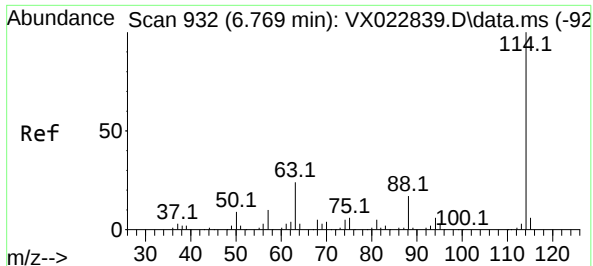


#33
1,2-Dichloroethane-d4
Concen: 50.627 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022960.D
Acq: 26 Jun 2021 06:58

Tgt Ion: 65 Resp: 51886

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	105.4

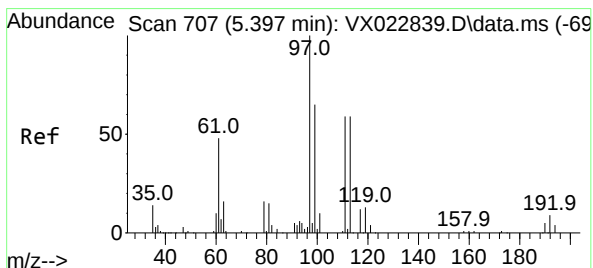
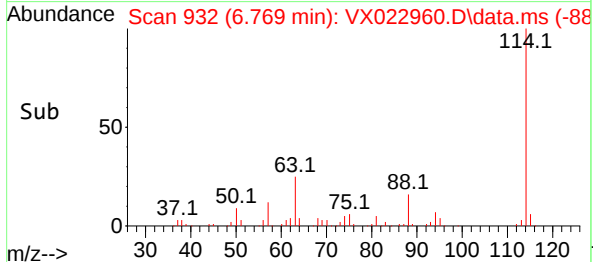
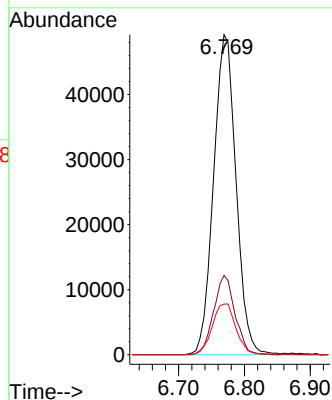
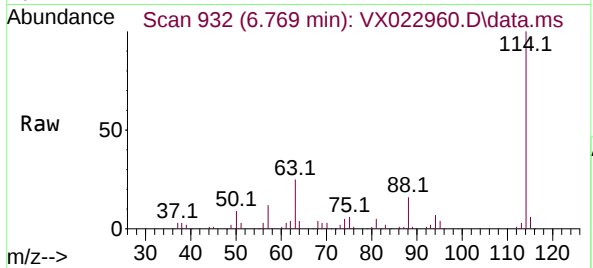




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022960.D
Acq: 26 Jun 2021 06:58

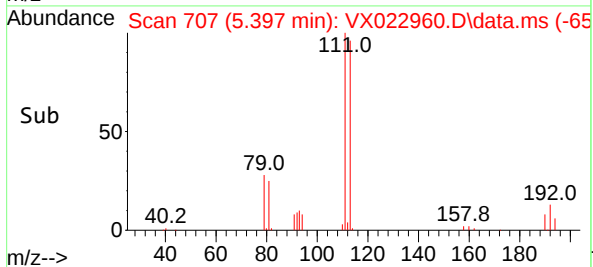
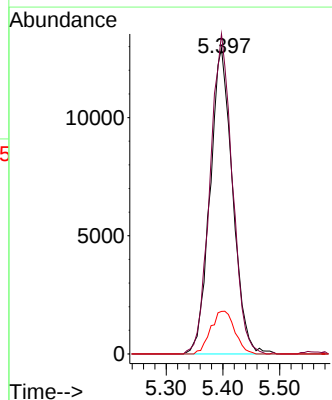
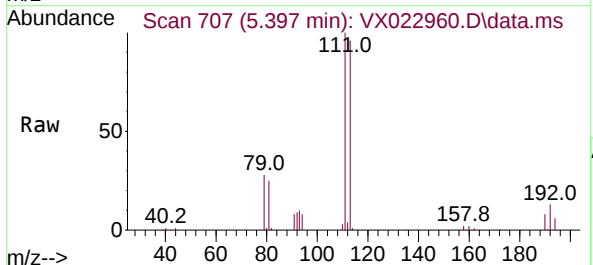
Instrument :
MSVOA_X
ClientSampleId :
293-347

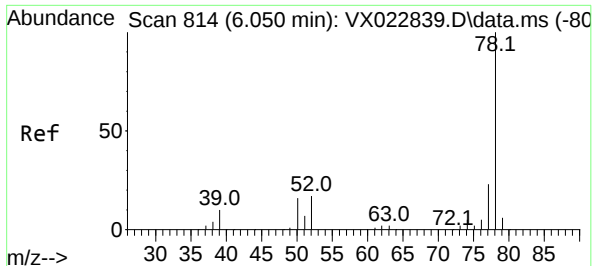
Tgt Ion:114 Resp: 116865
Ion Ratio Lower Upper
114 100
63 24.7 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.088 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022960.D
Acq: 26 Jun 2021 06:58

Tgt Ion:113 Resp: 35687
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 14.9 16.7 25.1#

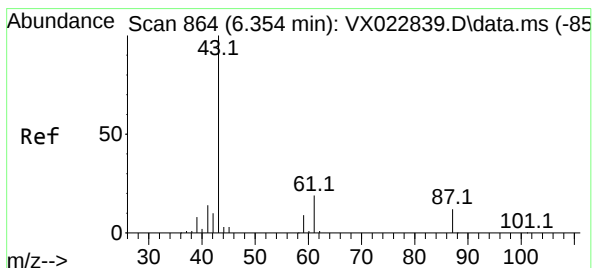
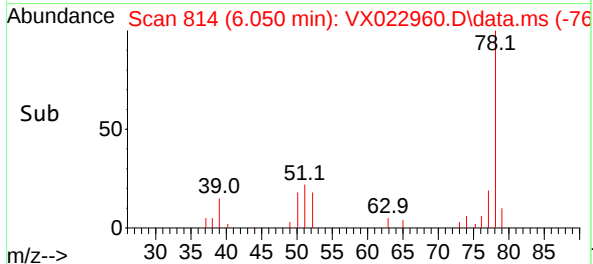
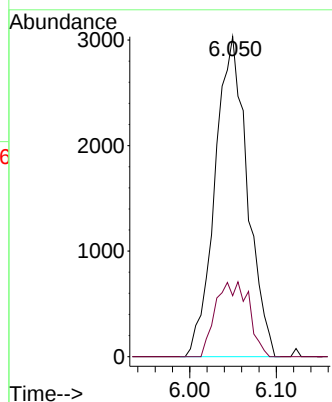
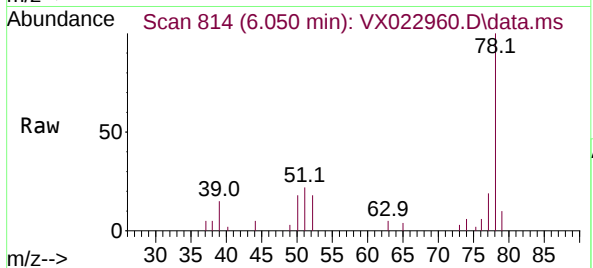




#40
Benzene
Concen: 2.197 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX022960.D
Acq: 26 Jun 2021 06:58

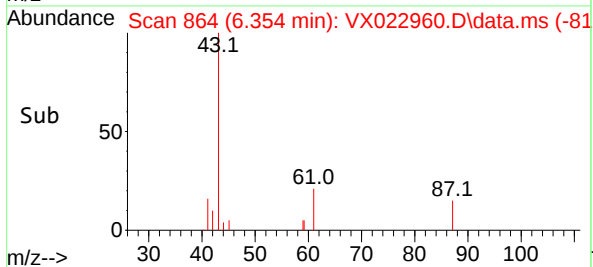
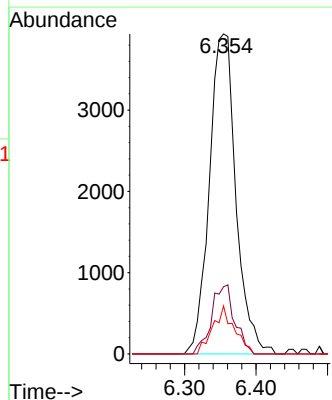
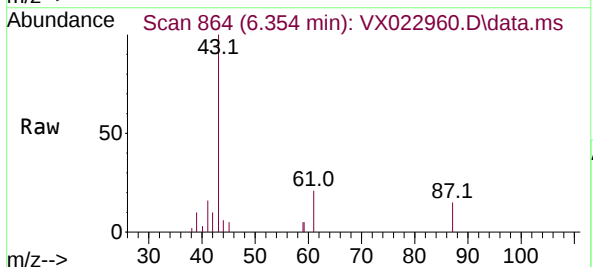
Instrument :
MSVOA_X
ClientSampleId :
293-347

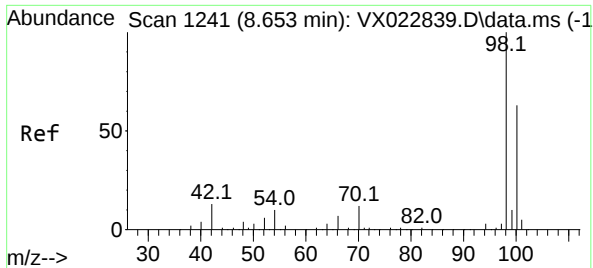
Tgt Ion: 78 Resp: 7863
Ion Ratio Lower Upper
78 100
77 19.1 18.9 28.3



#43
Isopropyl Acetate
Concen: 4.404 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.000 min
Lab File: VX022960.D
Acq: 26 Jun 2021 06:58

Tgt Ion: 43 Resp: 10181
Ion Ratio Lower Upper
43 100
61 18.8 18.2 27.4
87 12.1 12.5 18.7#

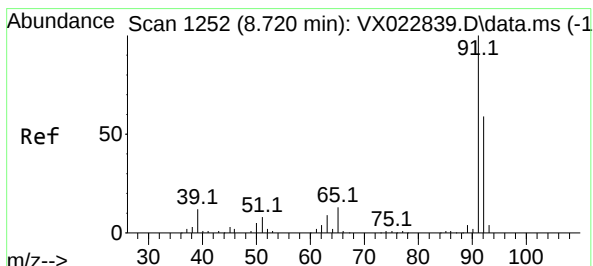
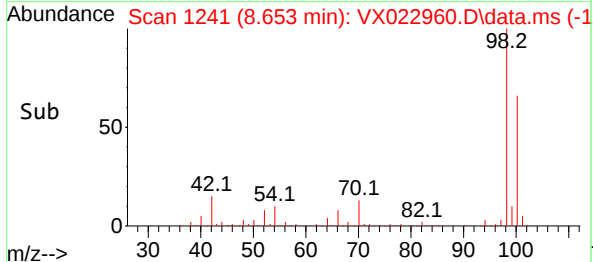
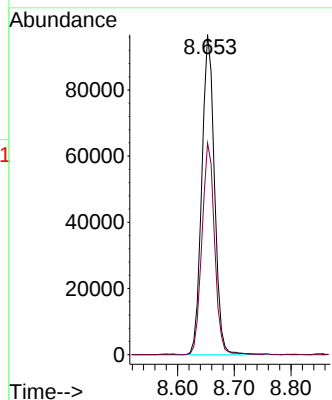
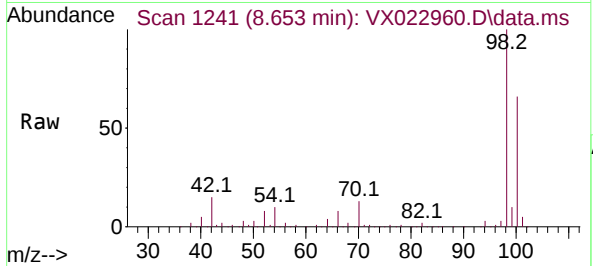




#50
Toluene-d8
Concen: 51.508 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022960.D
Acq: 26 Jun 2021 06:58

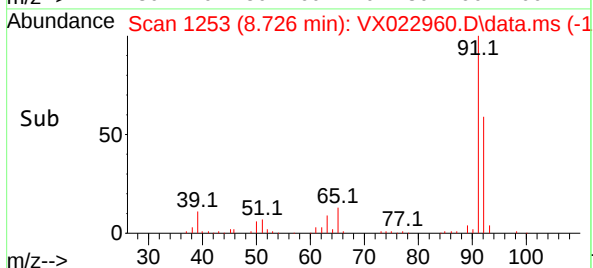
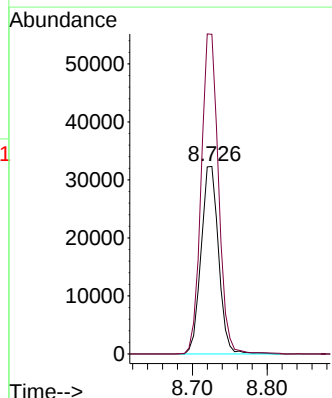
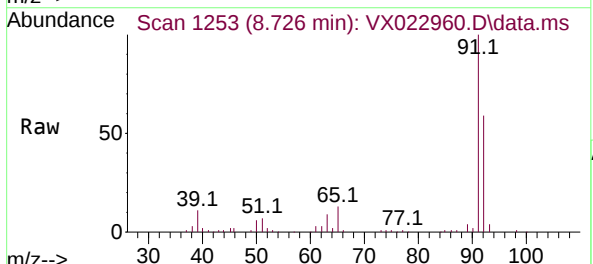
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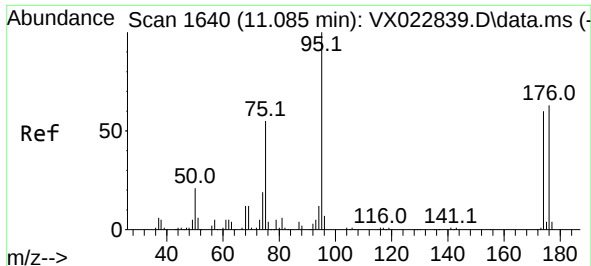
Tgt Ion: 98 Resp: 149813
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#52
Toluene
Concen: 24.252 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX022960.D
Acq: 26 Jun 2021 06:58

Tgt Ion: 92 Resp: 52474
Ion Ratio Lower Upper
92 100
91 169.2 137.1 205.7

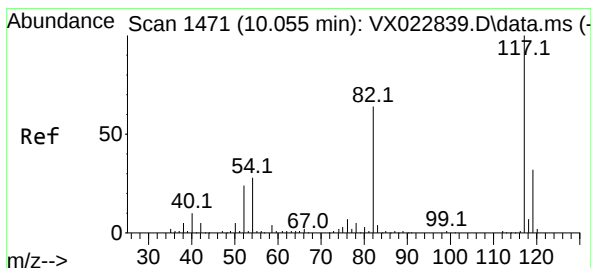
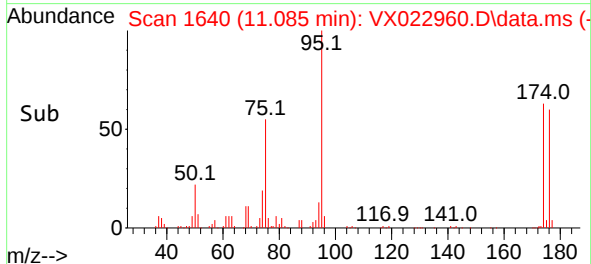
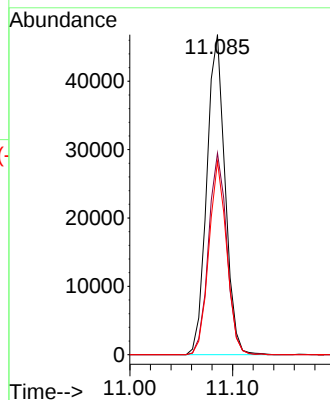
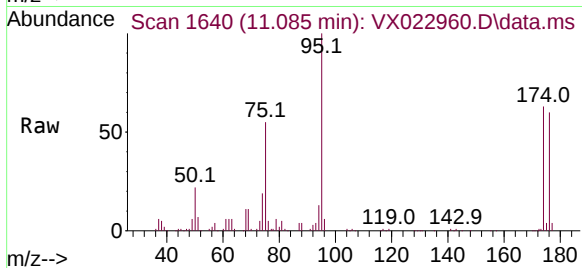




#62
4-Bromofluorobenzene
Concen: 53.270 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022960.D
Acq: 26 Jun 2021 06:58

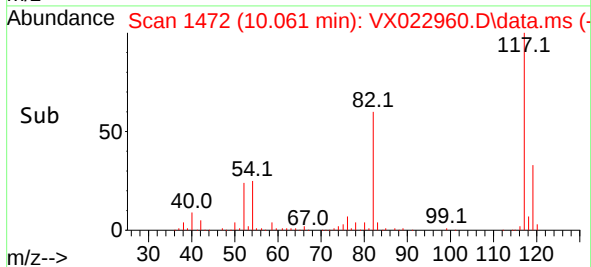
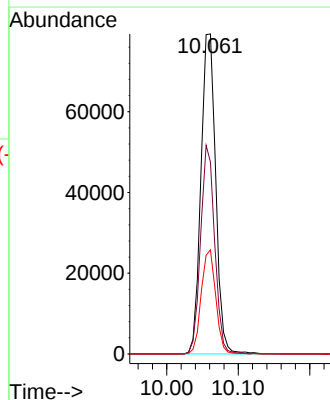
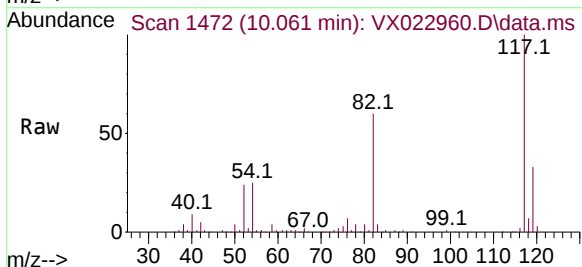
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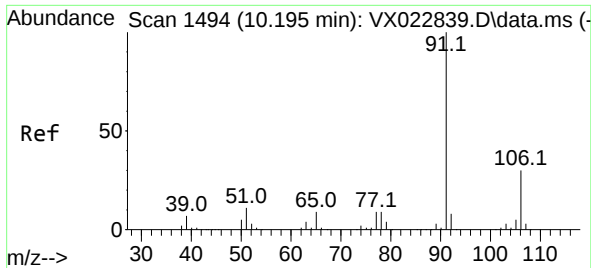
Tgt Ion: 95 Resp: 57824
Ion Ratio Lower Upper
95 100
174 62.8 0.0 154.6
176 58.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022960.D
Acq: 26 Jun 2021 06:58

Tgt Ion: 117 Resp: 113762
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.2
119 32.6 26.6 39.8

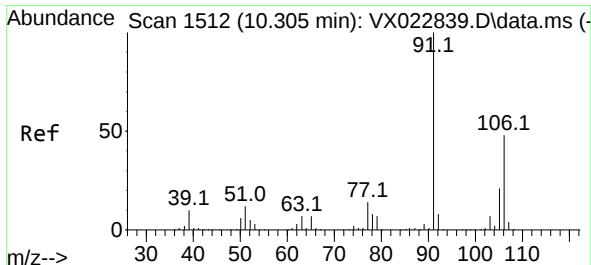
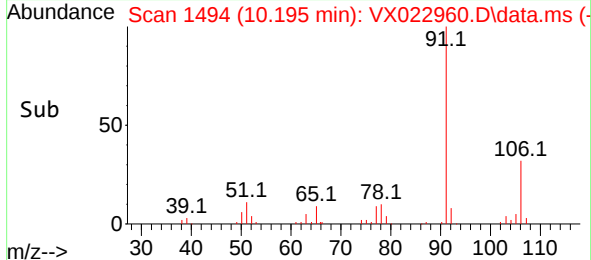
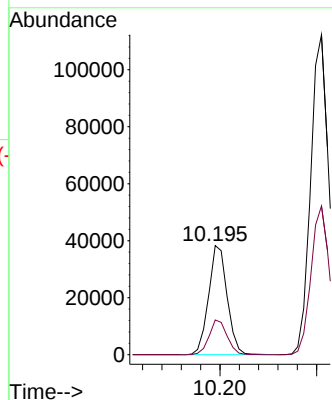
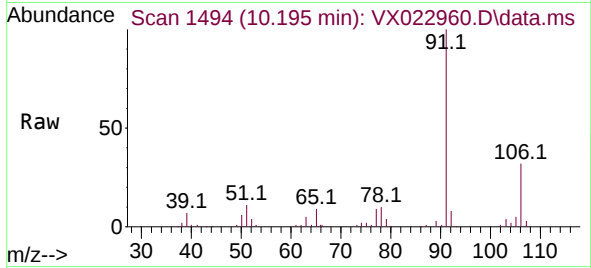




#67
Ethyl Benzene
Concen: 11.607 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX022960.D
Acq: 26 Jun 2021 06:58

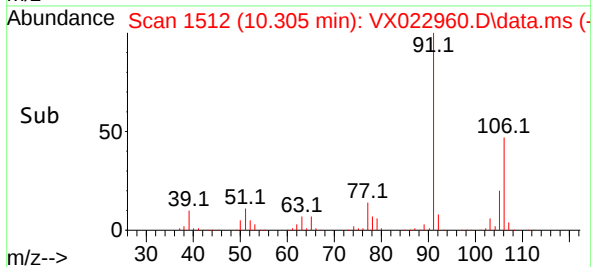
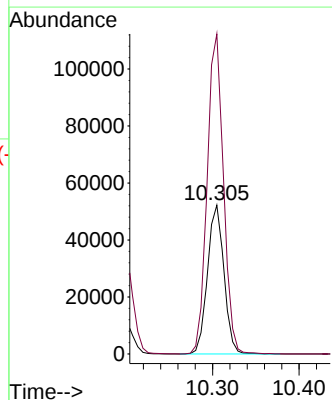
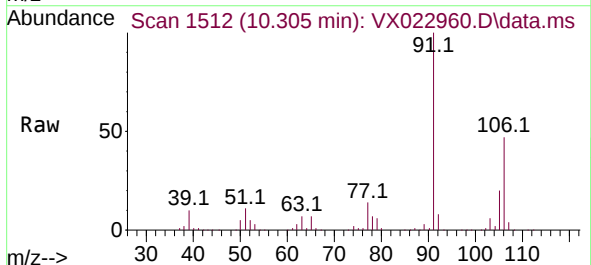
Instrument :
MSVOA_X
ClientSampled :
293-347

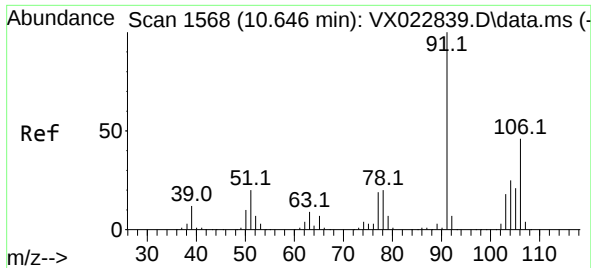
Tgt Ion: 91 Resp: 51205
Ion Ratio Lower Upper
91 100
106 31.8 24.6 37.0



#68
m/p-Xylenes
Concen: 42.017 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX022960.D
Acq: 26 Jun 2021 06:58

Tgt Ion: 106 Resp: 68837
Ion Ratio Lower Upper
106 100
91 213.6 162.8 244.2

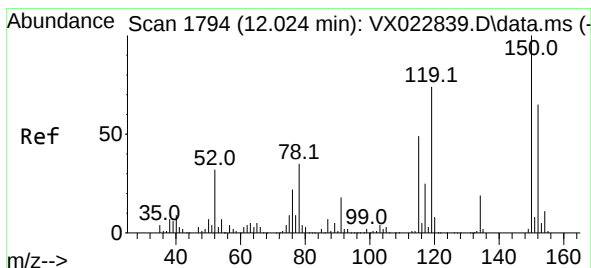
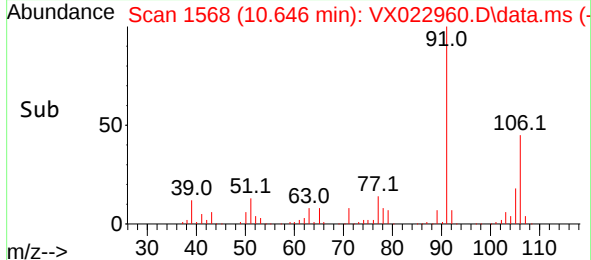
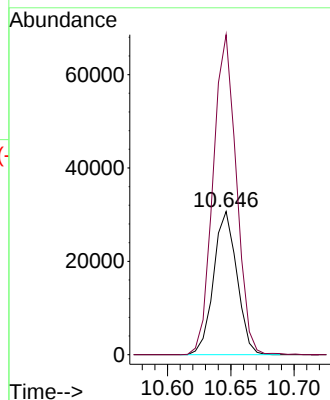
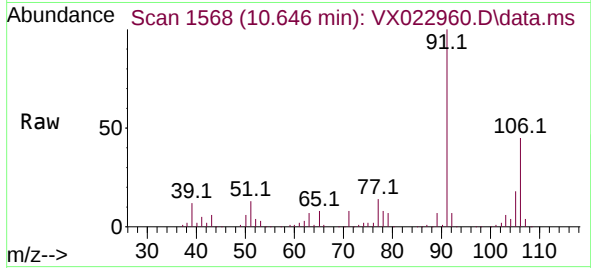




#69
o-Xylene
Concen: 24.650 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX022960.D
Acq: 26 Jun 2021 06:58

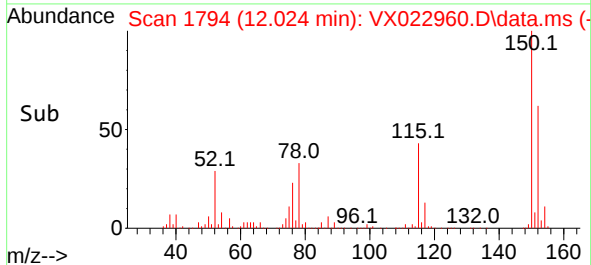
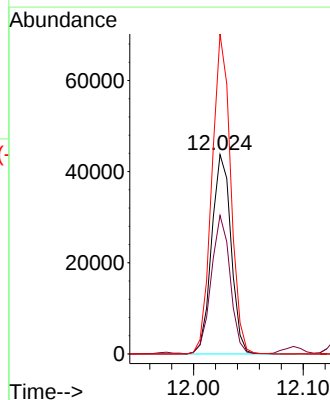
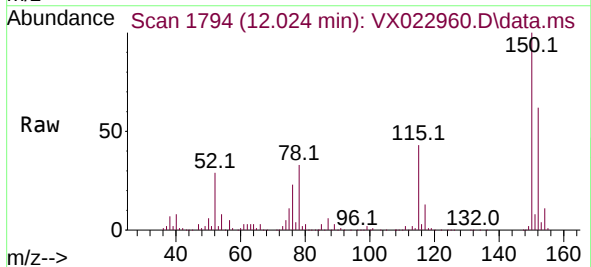
Instrument :
MSVOA_X
ClientSampled :
293-347

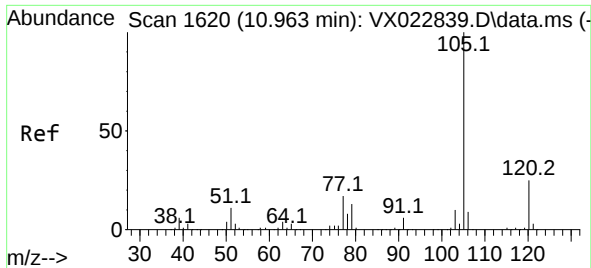
Tgt Ion:106 Resp: 39305
Ion Ratio Lower Upper
106 100
91 223.1 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022960.D
Acq: 26 Jun 2021 06:58

Tgt Ion:152 Resp: 53719
Ion Ratio Lower Upper
152 100
115 67.9 41.1 123.3
150 155.4 0.0 349.0

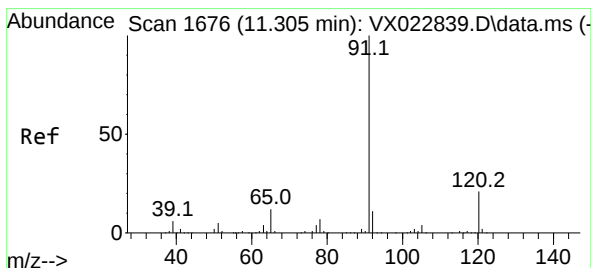
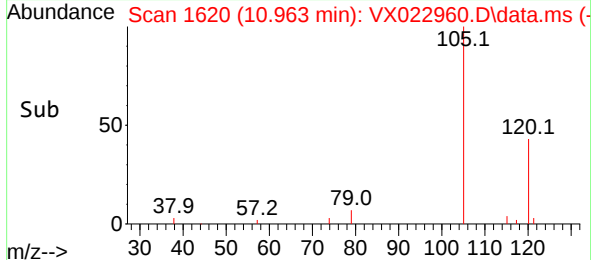
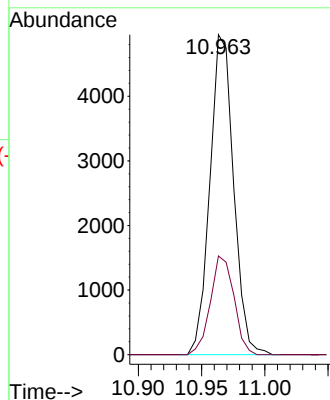
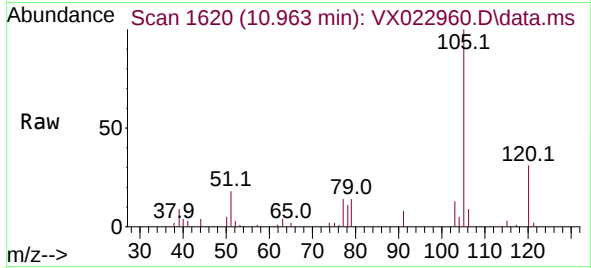




#73
Isopropylbenzene
Concen: 1.420 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX022960.D
Acq: 26 Jun 2021 06:58

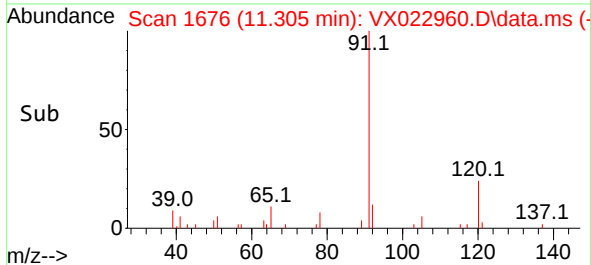
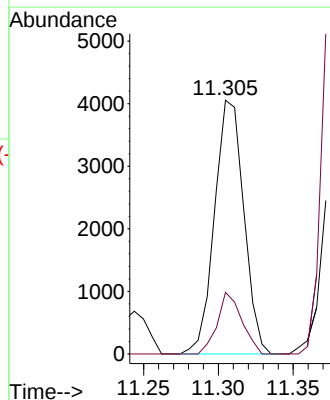
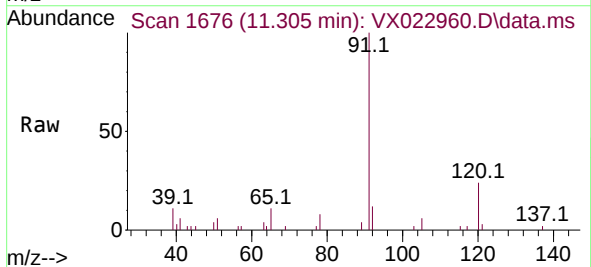
Instrument :
MSVOA_X
ClientSampleId :
293-347

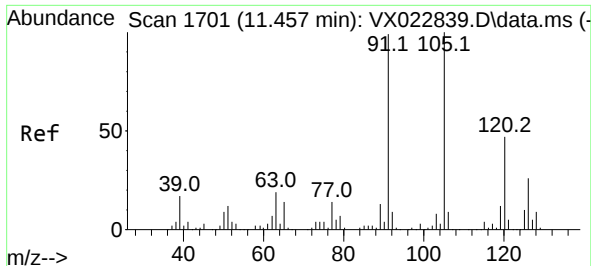
Tgt Ion:105 Resp: 6455
Ion Ratio Lower Upper
105 100
120 30.6 13.2 39.6



#78
n-propylbenzene
Concen: 1.005 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX022960.D
Acq: 26 Jun 2021 06:58

Tgt Ion: 91 Resp: 5527
Ion Ratio Lower Upper
91 100
120 20.2 11.5 34.5

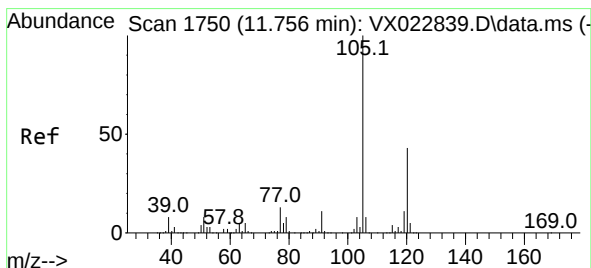
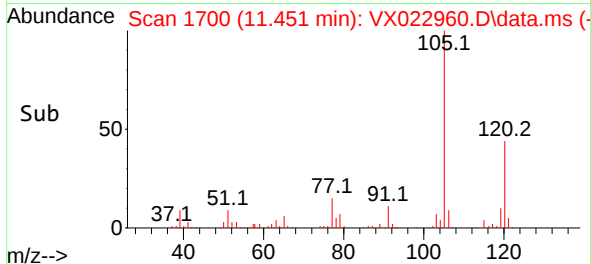
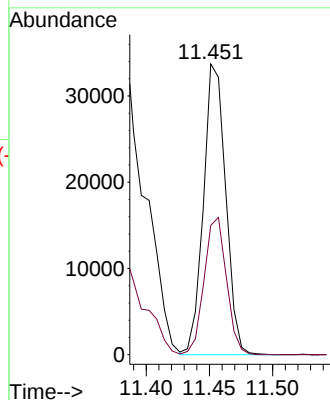
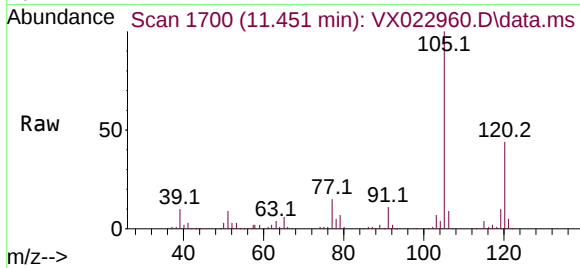




#80
1,3,5-Trimethylbenzene
Concen: 11.082 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX022960.D
Acq: 26 Jun 2021 06:58

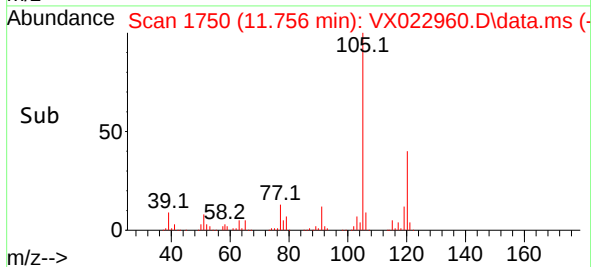
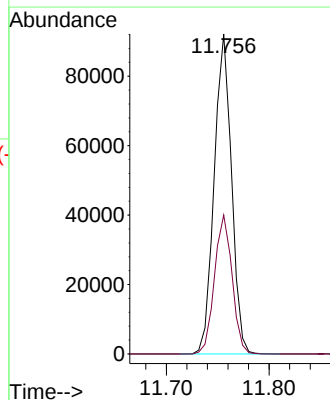
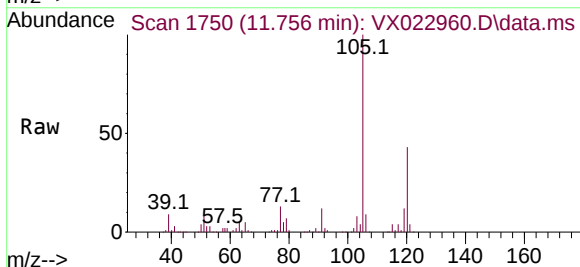
Instrument :
MSVOA_X
ClientSampleId :
293-347

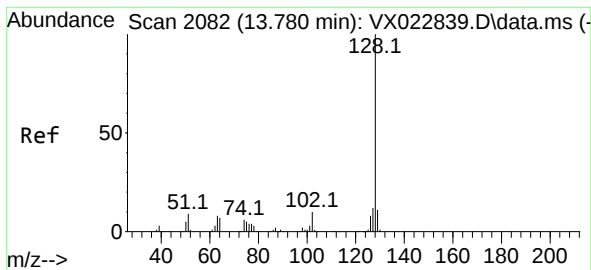
Tgt Ion:105 Resp: 41362
Ion Ratio Lower Upper
105 100
120 47.3 23.8 71.5



#84
1,2,4-Trimethylbenzene
Concen: 28.628 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX022960.D
Acq: 26 Jun 2021 06:58

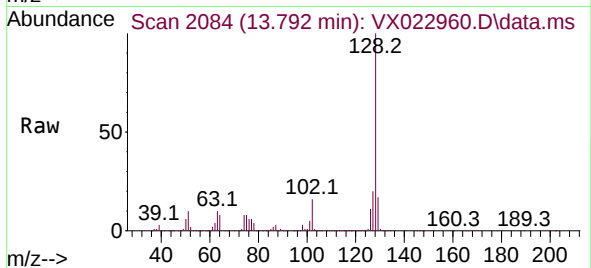
Tgt Ion:105 Resp: 107542
Ion Ratio Lower Upper
105 100
120 44.1 22.4 67.3





#95
Naphthalene
Concen: 2217.673 ug/l
RT: 13.792 min Scan# 2084
Delta R.T. 0.012 min
Lab File: VX022960.D
Acq: 26 Jun 2021 06:58

Instrument :
MSVOA_X
ClientSampleId :
293-347



Tgt Ion:128 Resp:10090640
Ion Ratio Lower Upper
128 100
127 16.9 10.3 15.5#
129 14.7 8.8 13.2#

