

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021499.D
 Acq On : 25 Mar 2021 20:13
 Operator : JC/MD
 Sample : M1774-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 41736

Quant Time: Mar 26 03:18:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

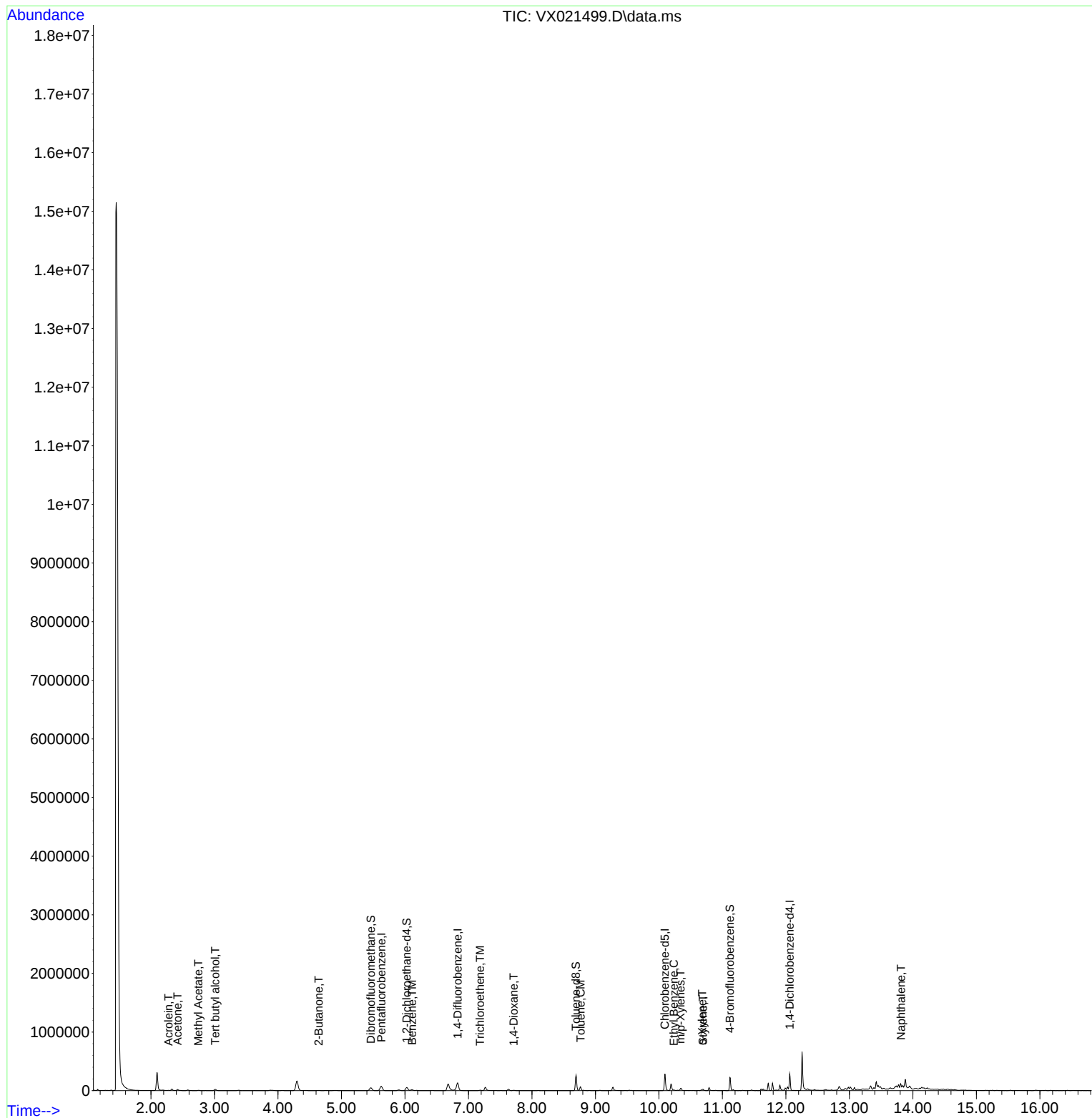
Internal Standards						
1) Pentafluorobenzene	5.629	168	63562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	118135	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	113892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	51466	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	53218	50.32	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.64%			
35) Dibromofluoromethane	5.464	113	39927	47.58	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.16%			
50) Toluene-d8	8.694	98	145823	48.77	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.54%			
62) 4-Bromofluorobenzene	11.118	95	57558	49.51	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.02%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.011	59	21129	120.85	ug/l	96
13) Acrolein	2.275	56	2299	29.92	ug/l	97
16) Acetone	2.417	43	20219	50.56	ug/l #	86
18) Methyl Acetate	2.746	43	6565	5.68	ug/l #	89
25) 2-Butanone	4.640	43	5501	9.08	ug/l	93
40) Benzene	6.111	78	17729	5.39	ug/l	99
44) Trichloroethene	7.182	130	2671	3.08	ug/l	94
49) 1,4-Dioxane	7.711	88	3752	180.78	ug/l #	85
52) Toluene	8.764	92	22246	10.96	ug/l	97
67) Ethyl Benzene	10.235	91	2811	0.67	ug/l	93
68) m/p-Xylenes	10.341	106	4479	3.01	ug/l	95
69) o-Xylene	10.682	106	2068	1.44	ug/l	93
70) Styrene	10.694	104	6173	2.49	ug/l	97
95) Naphthalene	13.812	128	15693	4.68	ug/l	96

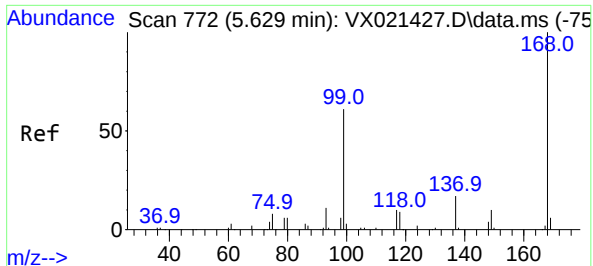
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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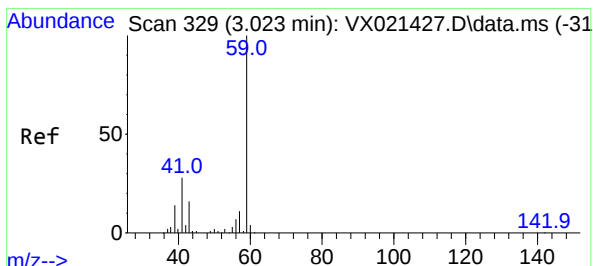
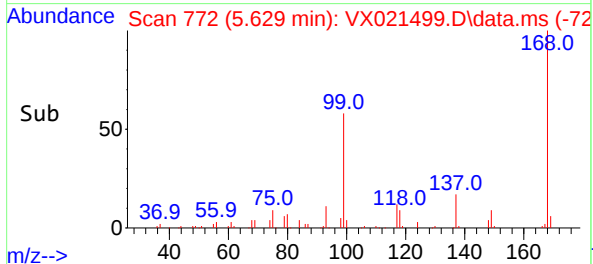
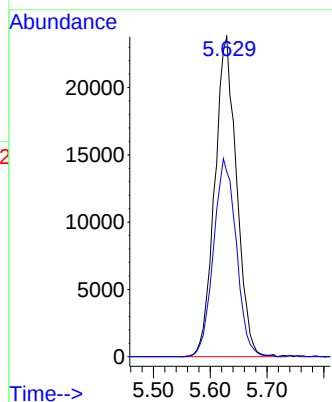
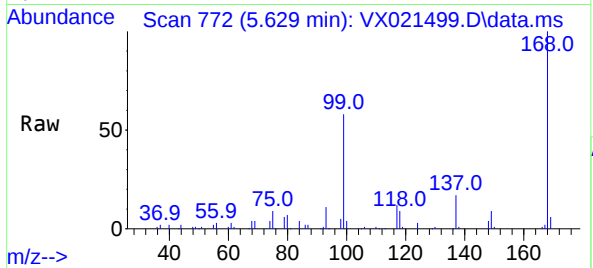




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021499.D
Acq: 25 Mar 2021 20:13

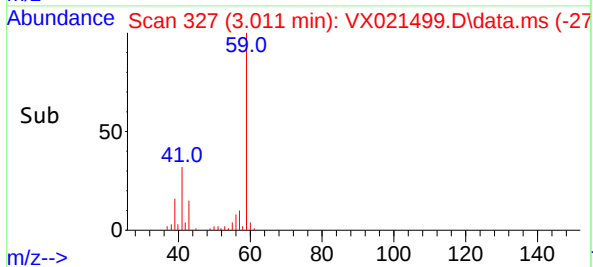
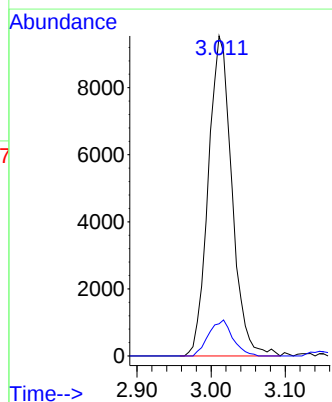
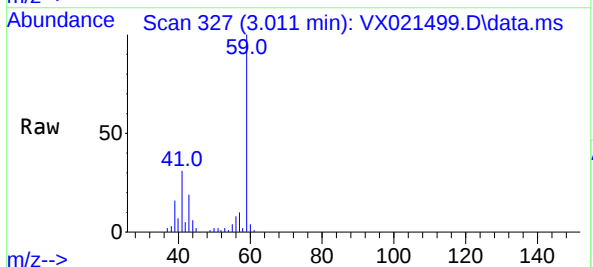
Instrument :
MSVOA_X
ClientSampleId :
41736

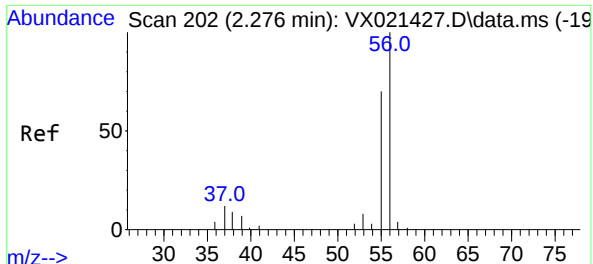
Tgt Ion:168 Resp: 63562
Ion Ratio Lower Upper
168 100
99 57.8 45.8 68.6



#11
Tert butyl alcohol
Concen: 120.85 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.012 min
Lab File: VX021499.D
Acq: 25 Mar 2021 20:13

Tgt Ion: 59 Resp: 21129
Ion Ratio Lower Upper
59 100
57 11.4 7.8 11.8

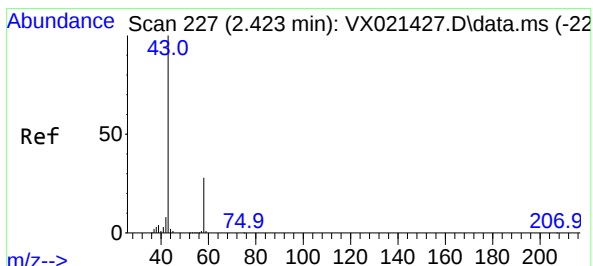
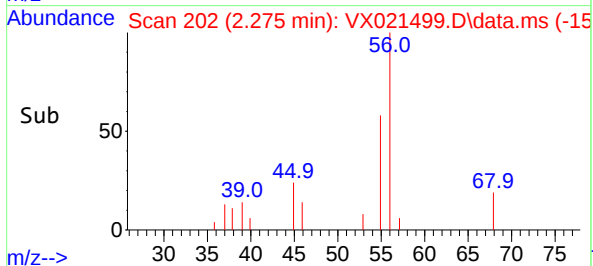
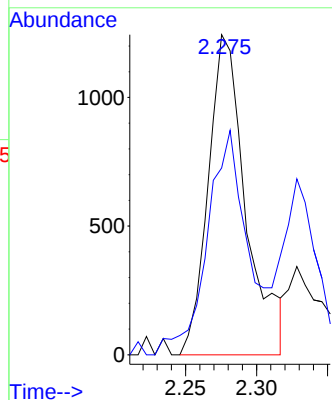
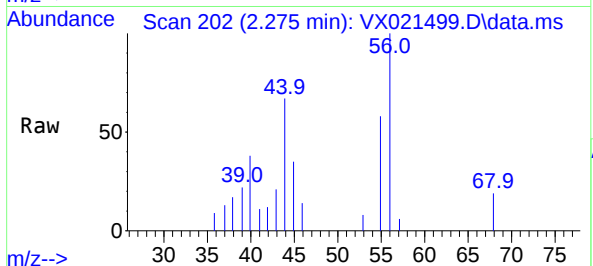




#13
Acrolein
Concen: 29.92 ug/l
RT: 2.275 min Scan# 202
Delta R.T. -0.001 min
Lab File: VX021499.D
Acq: 25 Mar 2021 20:13

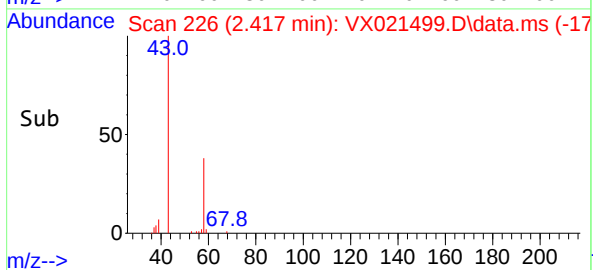
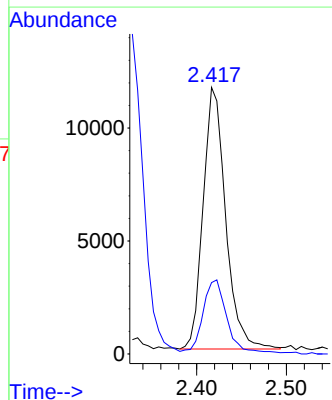
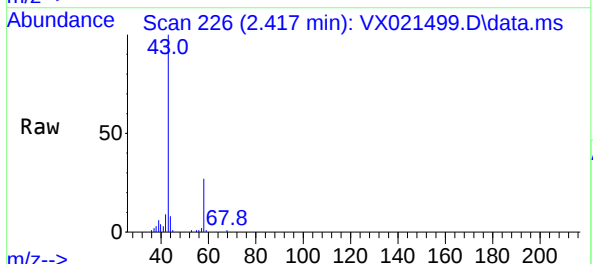
Instrument :
MSVOA_X
ClientSampled :
41736

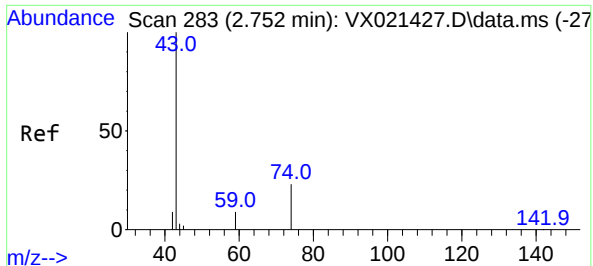
Tgt Ion: 56 Resp: 2299
Ion Ratio Lower Upper
56 100
55 72.7 56.4 84.6



#16
Acetone
Concen: 50.56 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021499.D
Acq: 25 Mar 2021 20:13

Tgt Ion: 43 Resp: 20219
Ion Ratio Lower Upper
43 100
58 26.8 27.8 41.8#

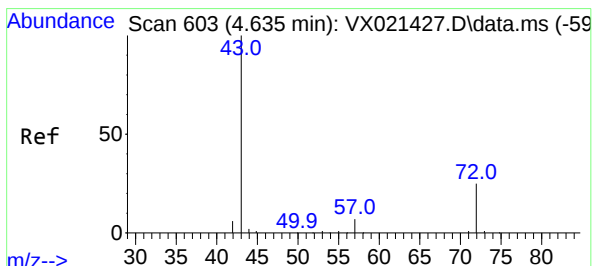
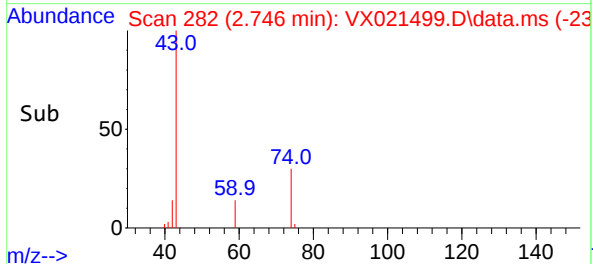
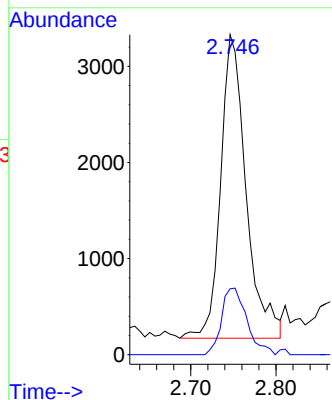
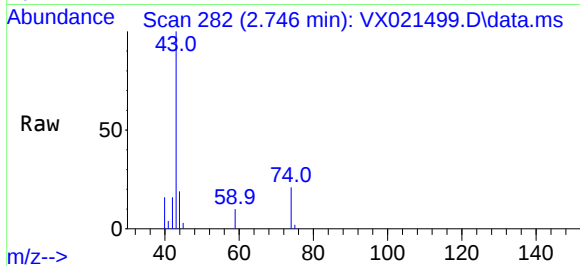




#18
Methyl Acetate
Concen: 5.68 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021499.D
Acq: 25 Mar 2021 20:13

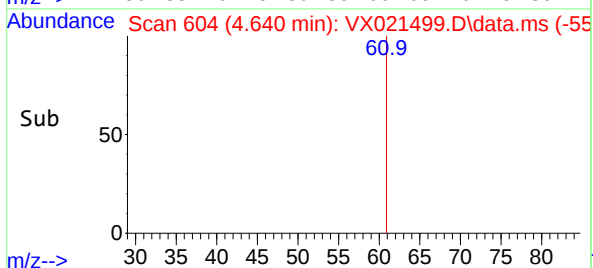
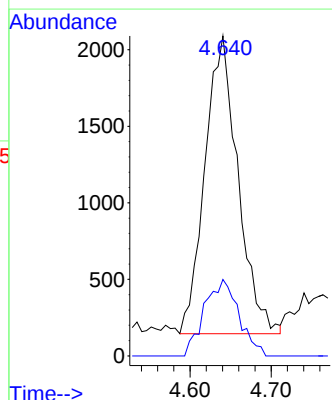
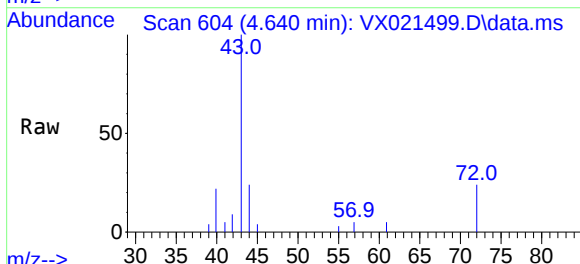
Instrument :
MSVOA_X
ClientSampled :
41736

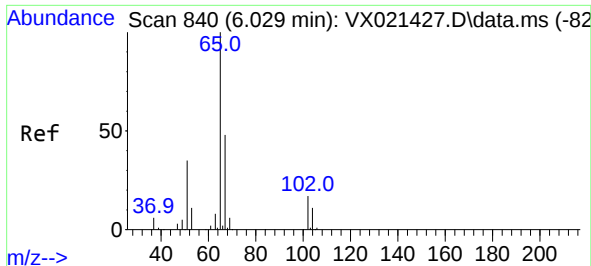
Tgt Ion: 43 Resp: 6565
Ion Ratio Lower Upper
43 100
74 21.7 21.9 32.9#



#25
2-Butanone
Concen: 9.08 ug/l
RT: 4.640 min Scan# 604
Delta R.T. 0.005 min
Lab File: VX021499.D
Acq: 25 Mar 2021 20:13

Tgt Ion: 43 Resp: 5501
Ion Ratio Lower Upper
43 100
72 25.7 23.7 35.5



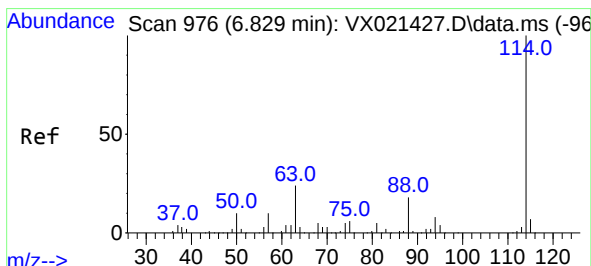
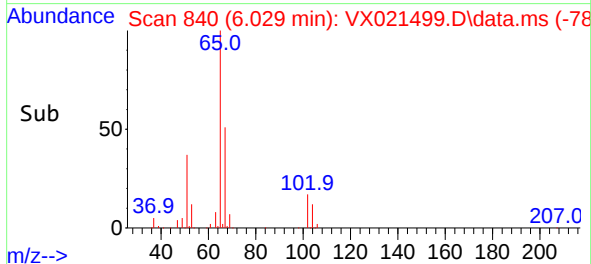
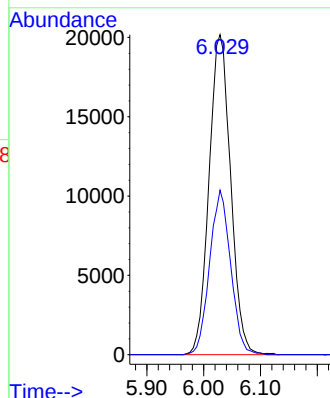
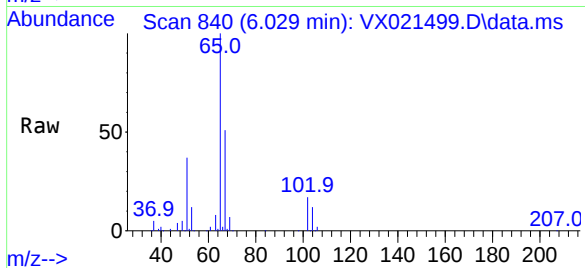


#33

1,2-Dichloroethane-d4
Concen: 50.32 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021499.D
Acq: 25 Mar 2021 20:13

Instrument :
MSVOA_X
ClientSampleId :
41736

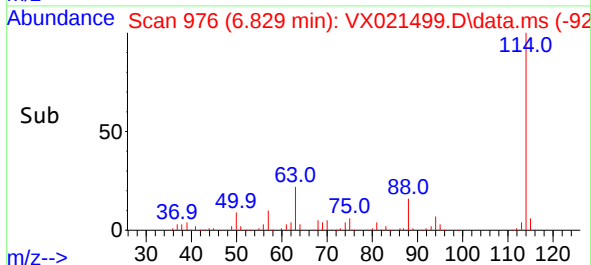
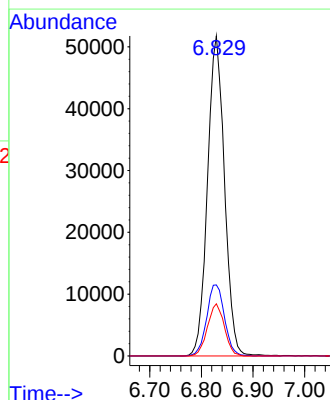
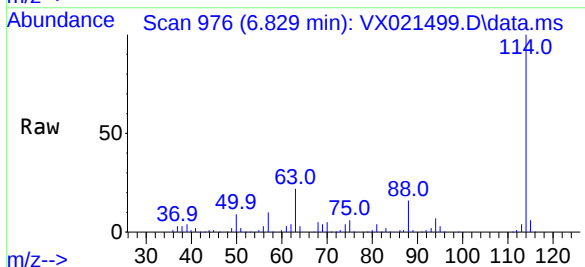
Tgt Ion: 65 Resp: 53218
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.4

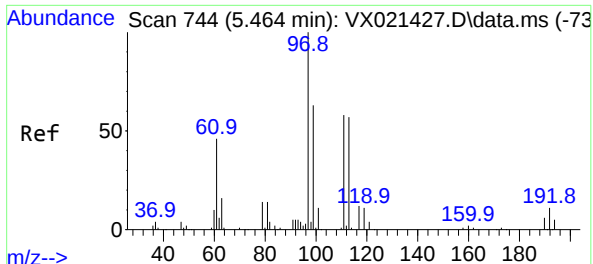


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021499.D
Acq: 25 Mar 2021 20:13

Tgt Ion: 114 Resp: 118135
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.8
88 16.3 0.0 32.8

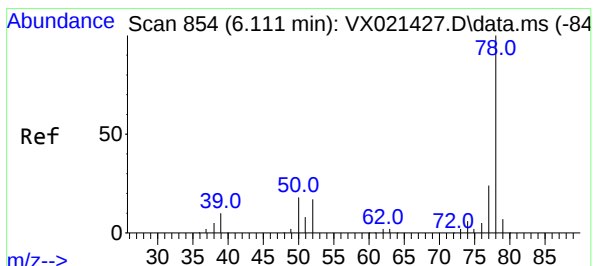
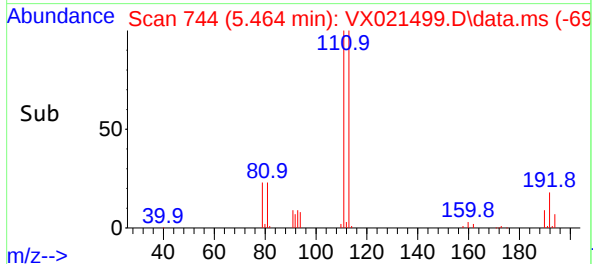
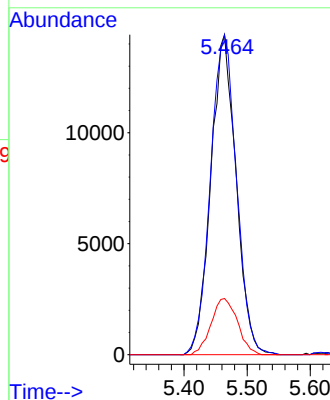
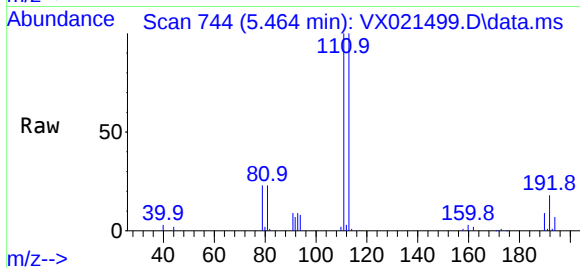




#35
Dibromofluoromethane
Concen: 47.58 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021499.D
Acq: 25 Mar 2021 20:13

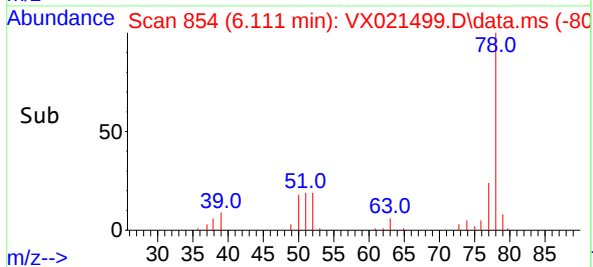
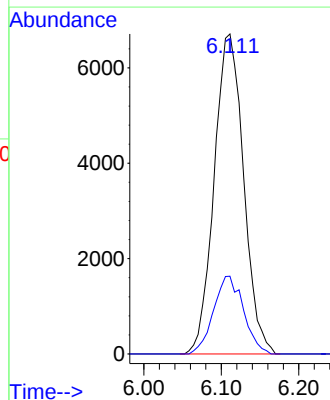
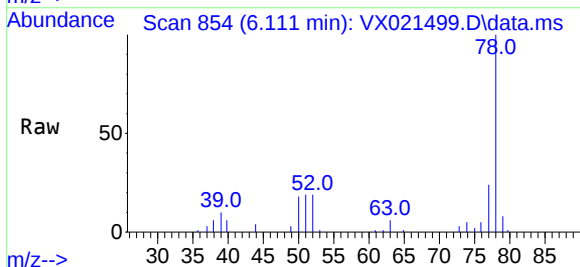
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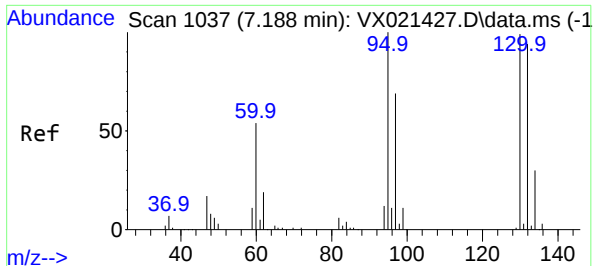
Tgt Ion:113 Resp: 39927
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 18.4 16.7 25.1



#40
Benzene
Concen: 5.39 ug/l
RT: 6.111 min Scan# 854
Delta R.T. 0.000 min
Lab File: VX021499.D
Acq: 25 Mar 2021 20:13

Tgt Ion: 78 Resp: 17729
Ion Ratio Lower Upper
78 100
77 24.3 18.9 28.3

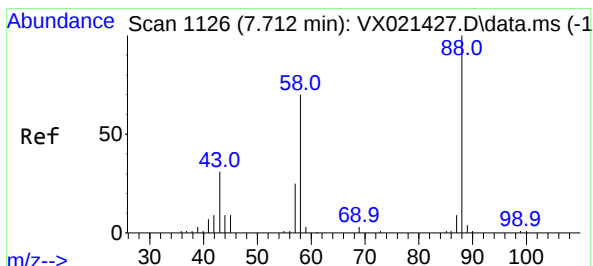
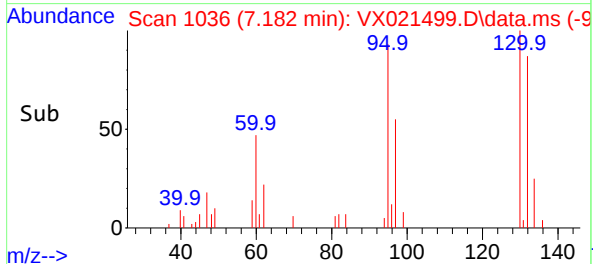
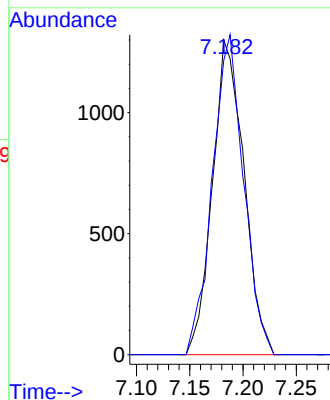
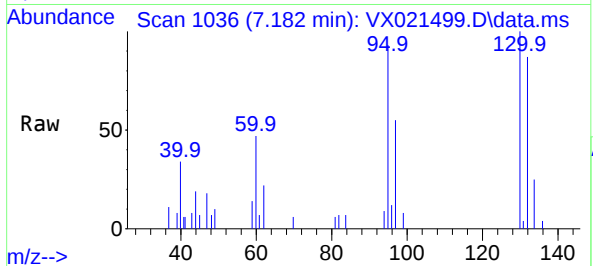




#44
Trichloroethene
Concen: 3.08 ug/l
RT: 7.182 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VX021499.D
Acq: 25 Mar 2021 20:13

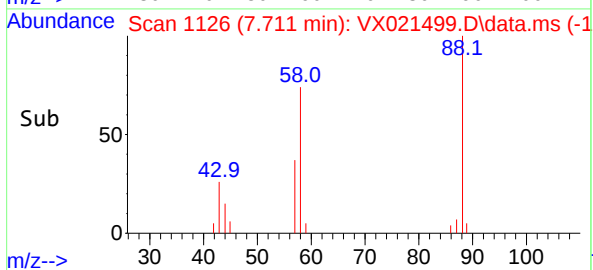
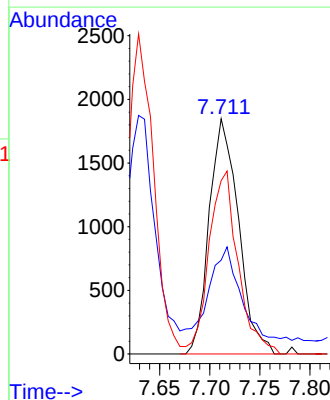
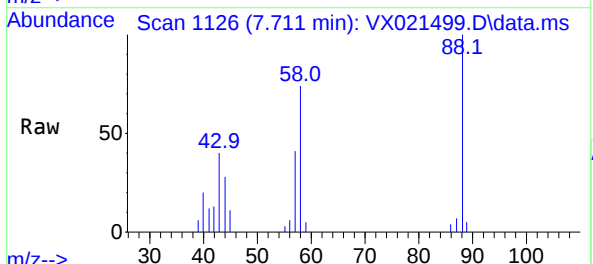
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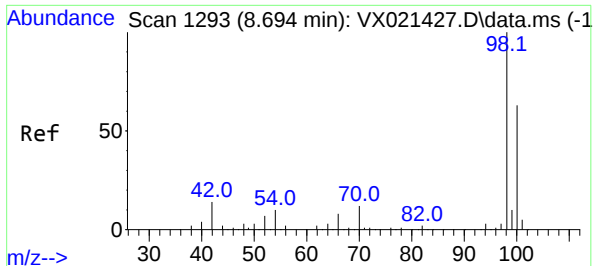
Tgt Ion:130 Resp: 2671
Ion Ratio Lower Upper
130 100
95 93.5 0.0 198.0



#49
1,4-Dioxane
Concen: 180.78 ug/l
RT: 7.711 min Scan# 1126
Delta R.T. -0.001 min
Lab File: VX021499.D
Acq: 25 Mar 2021 20:13

Tgt Ion: 88 Resp: 3752
Ion Ratio Lower Upper
88 100
43 42.8 23.2 34.8#
58 77.0 55.0 82.4





#50

Toluene-d8

Concen: 48.77 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. -0.000 min

Lab File: VX021499.D

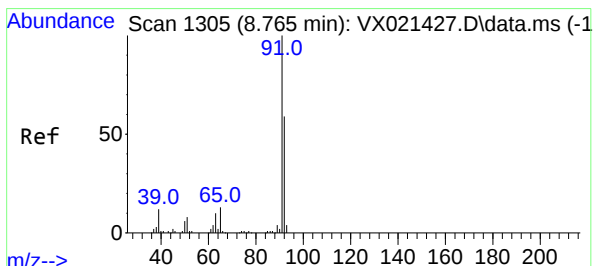
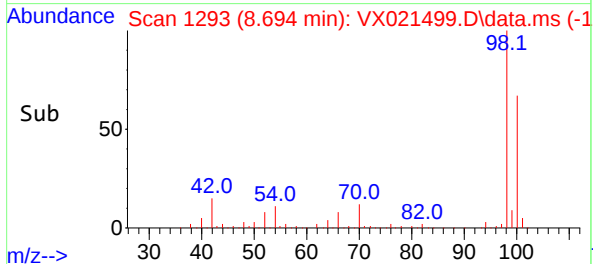
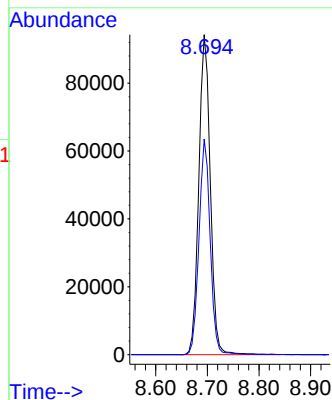
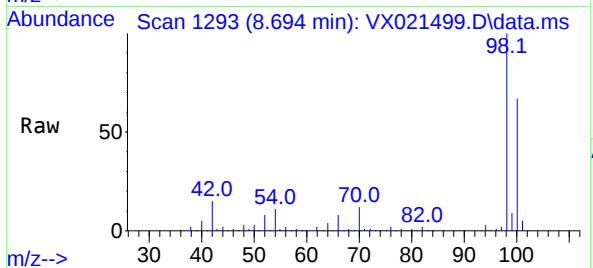
Acq: 25 Mar 2021 20:13

Tgt Ion: 98 Resp: 145823

Ion Ratio Lower Upper

98 100

100 65.7 51.9 77.9



#52

Toluene

Concen: 10.96 ug/l

RT: 8.764 min Scan# 1305

Delta R.T. -0.001 min

Lab File: VX021499.D

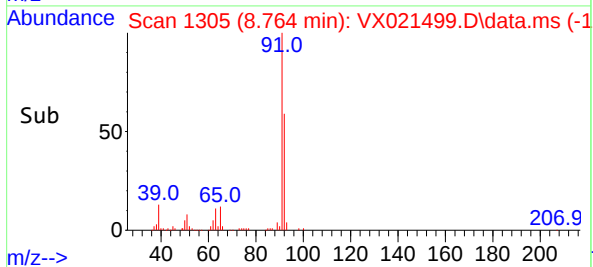
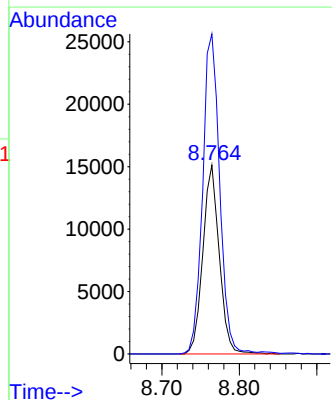
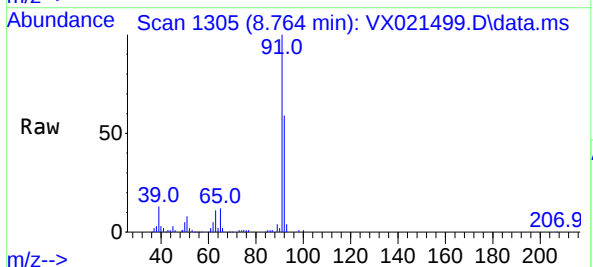
Acq: 25 Mar 2021 20:13

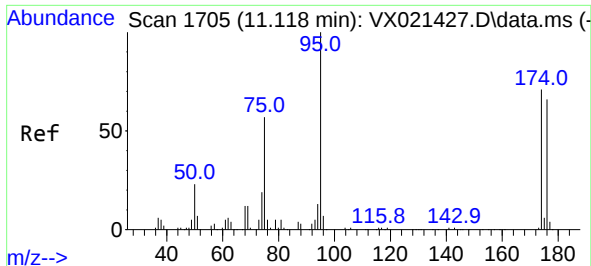
Tgt Ion: 92 Resp: 22246

Ion Ratio Lower Upper

92 100

91 175.7 137.1 205.7

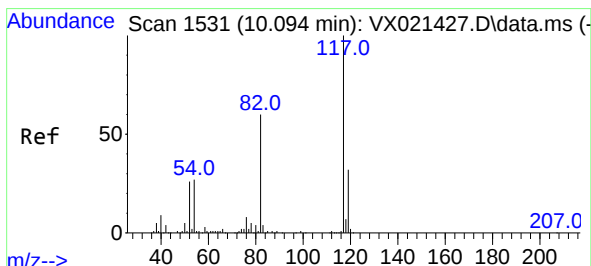
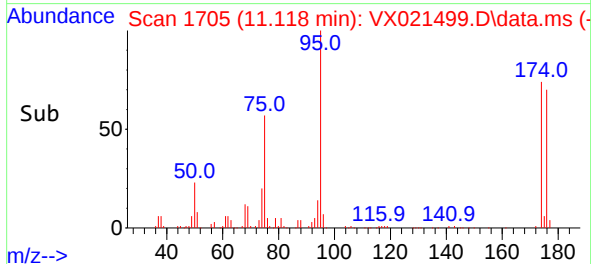
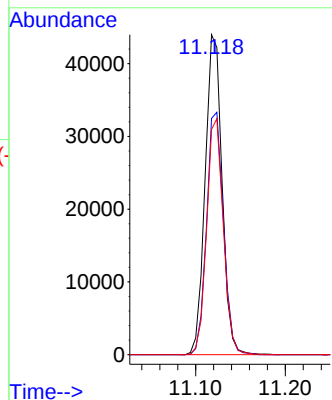
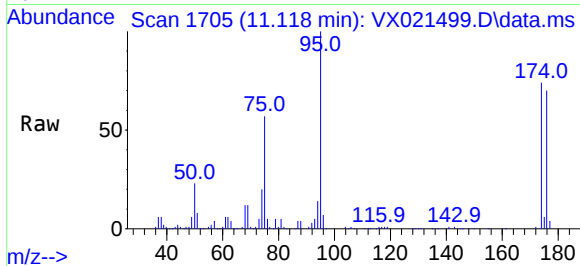




#62
4-Bromofluorobenzene
Concen: 49.51 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021499.D
Acq: 25 Mar 2021 20:13

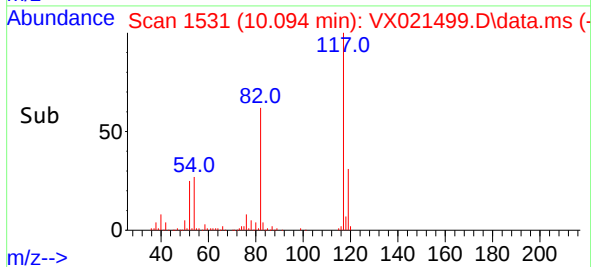
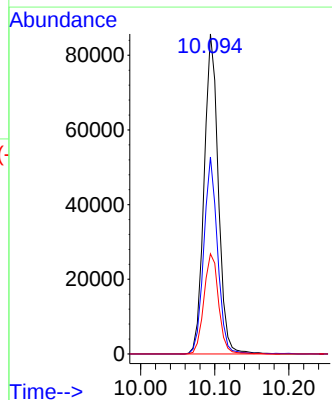
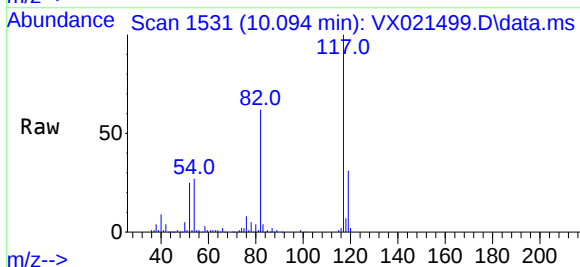
Instrument :
MSVOA_X
ClientSampled :
41736

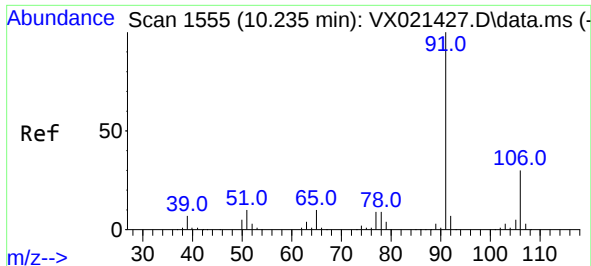
Tgt Ion: 95 Resp: 57558
Ion Ratio Lower Upper
95 100
174 75.7 0.0 154.6
176 72.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021499.D
Acq: 25 Mar 2021 20:13

Tgt Ion: 117 Resp: 113892
Ion Ratio Lower Upper
117 100
82 61.6 47.4 71.2
119 31.3 26.6 39.8

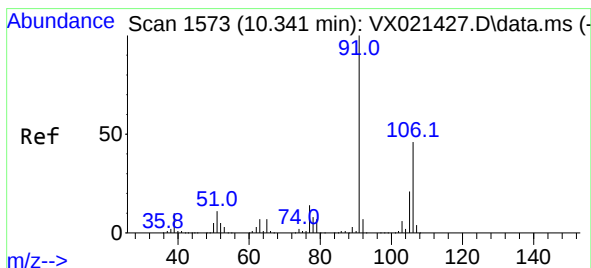
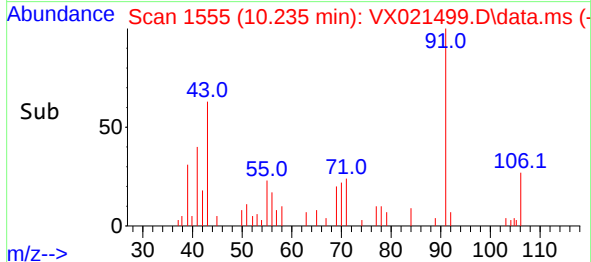
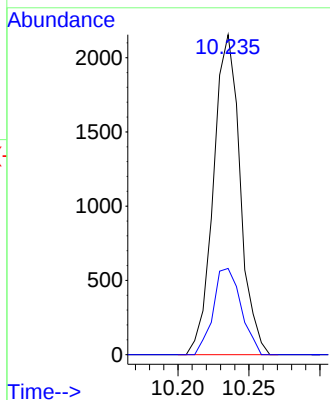
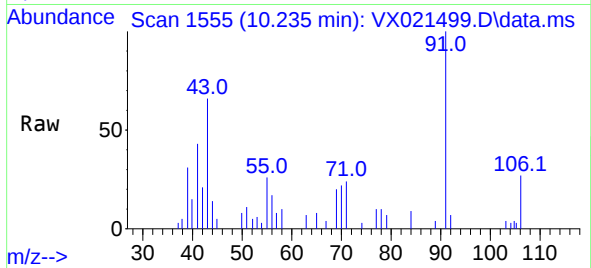




#67
Ethyl Benzene
Concen: 0.67 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021499.D
Acq: 25 Mar 2021 20:13

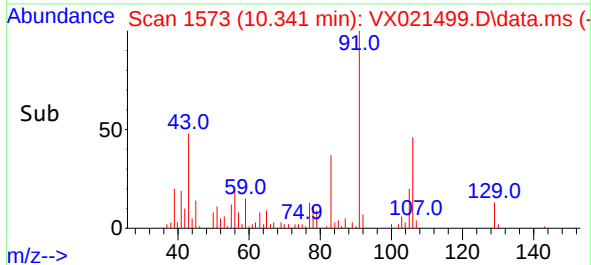
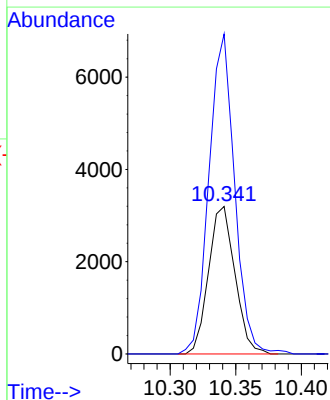
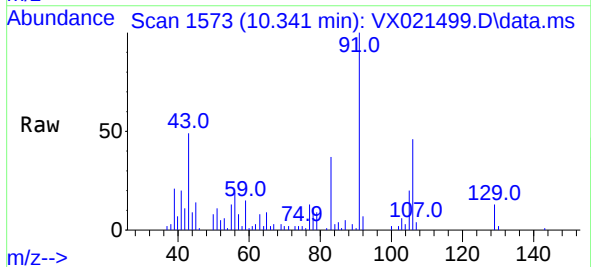
Instrument :
MSVOA_X
ClientSampled :
41736

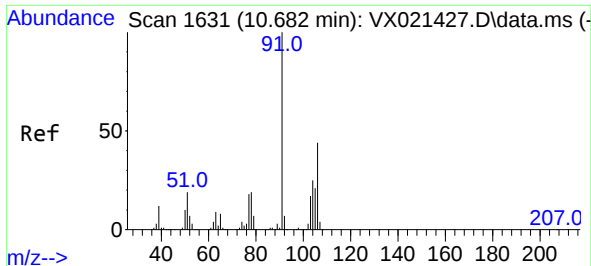
Tgt Ion: 91 Resp: 2811
Ion Ratio Lower Upper
91 100
106 27.0 24.6 37.0



#68
m/p-Xylenes
Concen: 3.01 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021499.D
Acq: 25 Mar 2021 20:13

Tgt Ion: 106 Resp: 4479
Ion Ratio Lower Upper
106 100
91 210.6 162.8 244.2

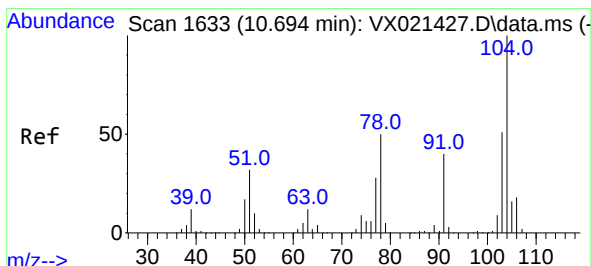
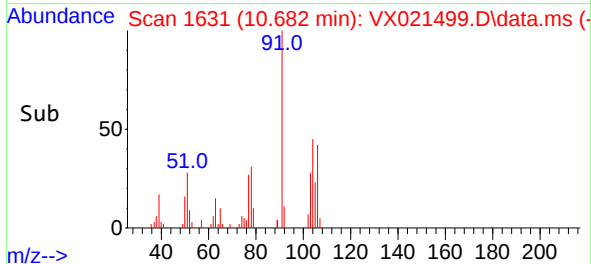
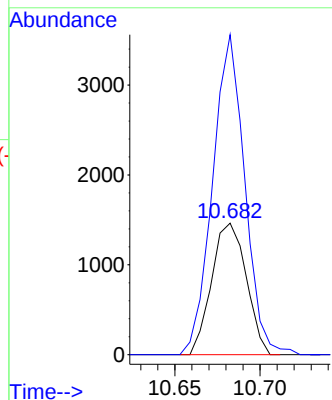
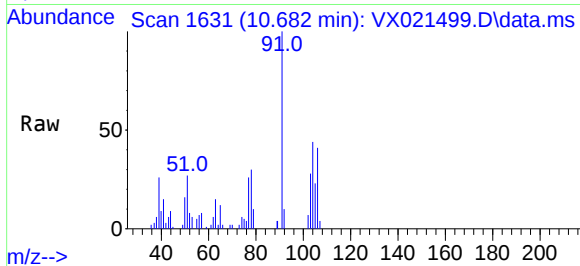




#69
o-Xylene
Concen: 1.44 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VX021499.D
Acq: 25 Mar 2021 20:13

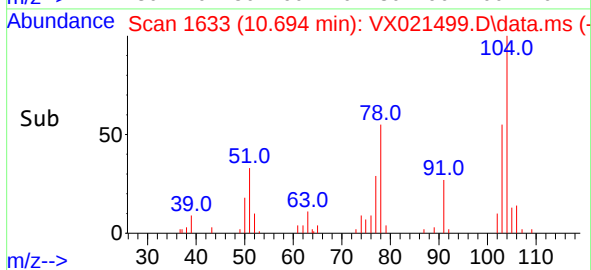
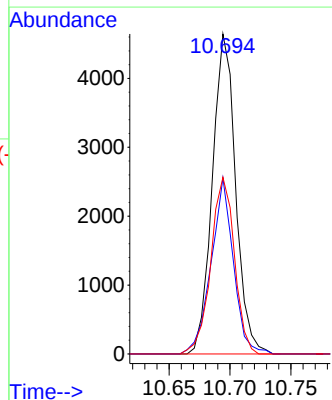
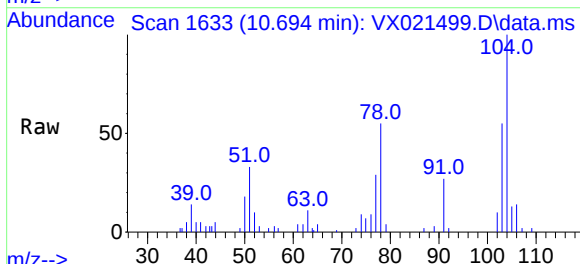
Instrument :
MSVOA_X
ClientSampled :
41736

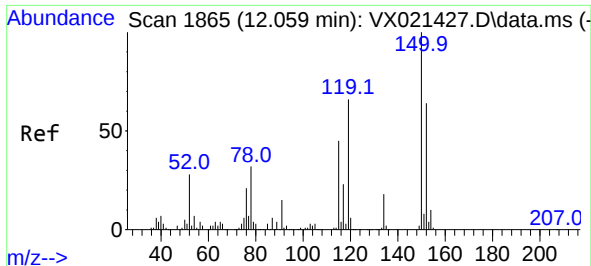
Tgt Ion:106 Resp: 2068
Ion Ratio Lower Upper
106 100
91 226.5 108.1 324.2



#70
Styrene
Concen: 2.49 ug/l
RT: 10.694 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VX021499.D
Acq: 25 Mar 2021 20:13

Tgt Ion:104 Resp: 6173
Ion Ratio Lower Upper
104 100
78 52.7 40.0 60.0
103 56.0 43.4 65.0

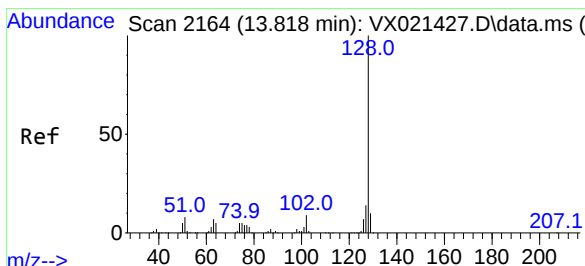
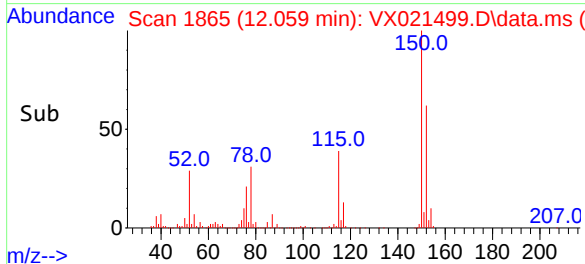
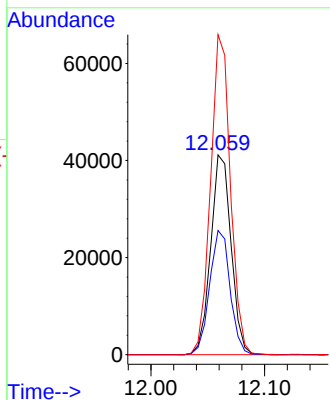
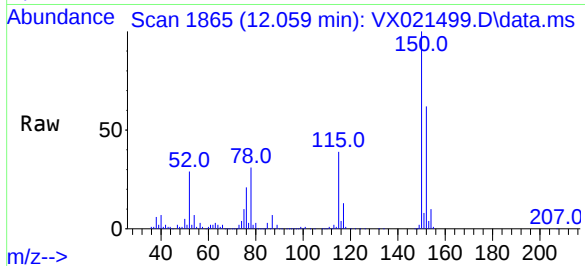




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021499.D
Acq: 25 Mar 2021 20:13

Instrument :
MSVOA_X
ClientSampled :
41736

Tgt Ion:152 Resp: 51466
Ion Ratio Lower Upper
152 100
115 62.3 41.1 123.3
150 155.5 0.0 349.0



#95
Naphthalene
Concen: 4.68 ug/l
RT: 13.812 min Scan# 2163
Delta R.T. -0.006 min
Lab File: VX021499.D
Acq: 25 Mar 2021 20:13

Tgt Ion:128 Resp: 15693
Ion Ratio Lower Upper
128 100
127 15.5 10.3 15.5
129 10.3 8.8 13.2

