

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021435.D
 Acq On : 24 Mar 2021 15:08
 Operator : JC/MD
 Sample : M1752-13 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30816

Quant Time: Mar 24 17:18:56 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)

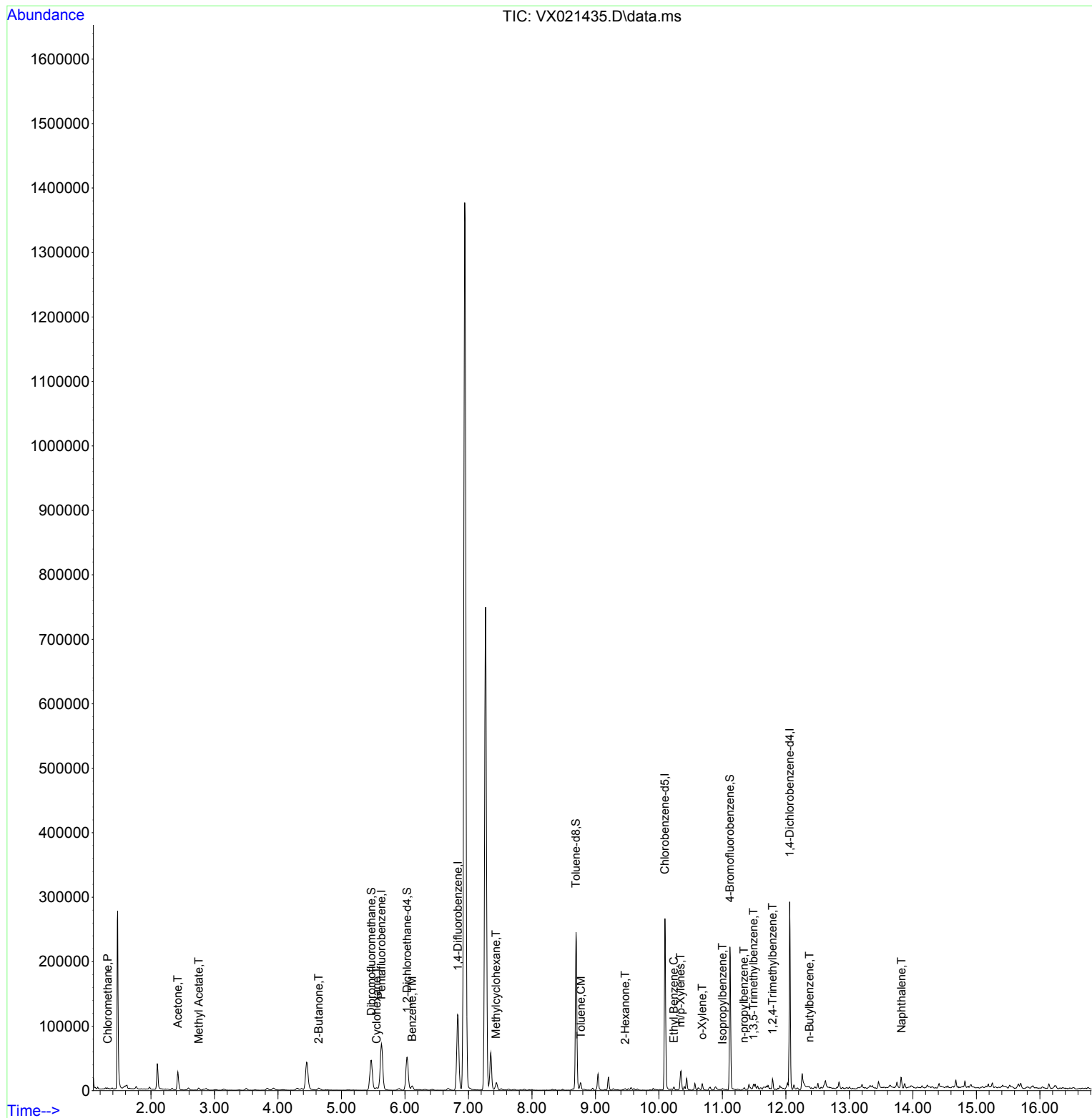
Internal Standards						
1) Pentafluorobenzene	5.629	168	61315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	111035	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	112094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	51086	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	51172	50.16	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.32%	
35) Dibromofluoromethane	5.470	113	38388	48.67	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.34%	
50) Toluene-d8	8.694	98	140947	50.15	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.30%	
62) 4-Bromofluorobenzene	11.118	95	57598	52.71	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.42%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	2357	3.08	ug/l	99
16) Acetone	2.423	43	29260	75.85	ug/l #	87
18) Methyl Acetate	2.752	43	4142	3.72	ug/l #	89
25) 2-Butanone	4.641	43	5010	8.57	ug/l	98
31) Cyclohexane	5.552	56	2298	2.05	ug/l	92
39) Methylcyclohexane	7.435	83	4336	3.59	ug/l #	84
40) Benzene	6.111	78	6948	2.25	ug/l	99
52) Toluene	8.770	92	3577	1.87	ug/l	99
59) 2-Hexanone	9.471	43	1184	1.26	ug/l	71
67) Ethyl Benzene	10.235	91	2219	0.54	ug/l	93
68) m/p-Xylenes	10.341	106	4103	2.81	ug/l	87
69) o-Xylene	10.682	106	1621	1.14	ug/l	85
73) Isopropylbenzene	11.000	105	982	0.27	ug/l	97
78) n-propylbenzene	11.341	91	1897	0.45	ug/l	95
80) 1,3,5-Trimethylbenzene	11.488	105	3277	1.07	ug/l	98
84) 1,2,4-Trimethylbenzene	11.789	105	6579	2.13	ug/l	94
89) n-Butylbenzene	12.371	91	937	0.33	ug/l #	75
95) Naphthalene	13.818	128	9592	2.88	ug/l	99

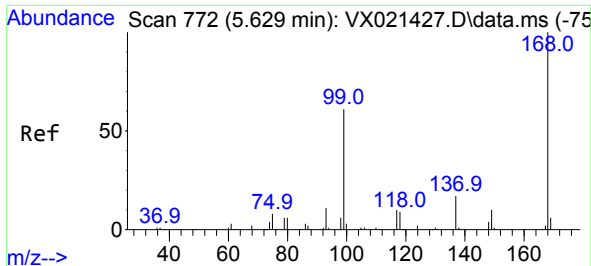
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 24 17:18:56 2021
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Response via : Initial Calibration

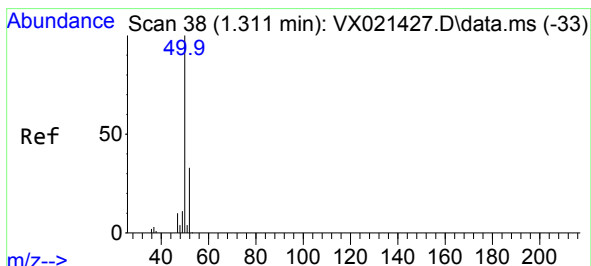
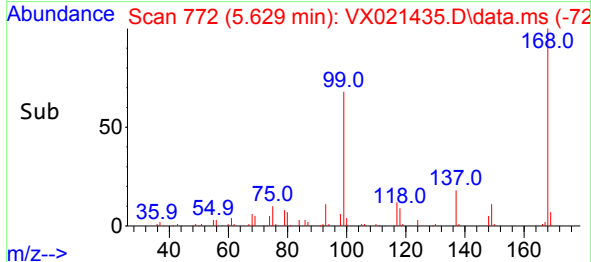
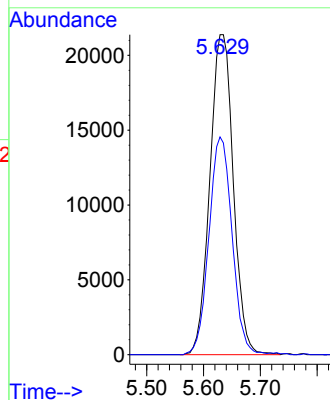
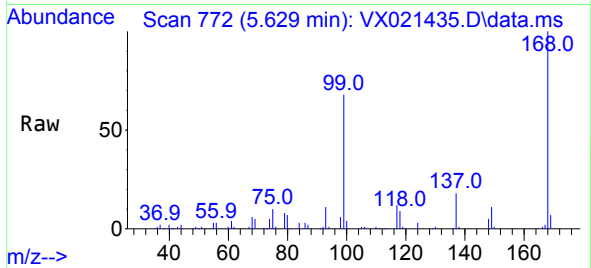




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021435.D
Acq: 24 Mar 2021 15:08

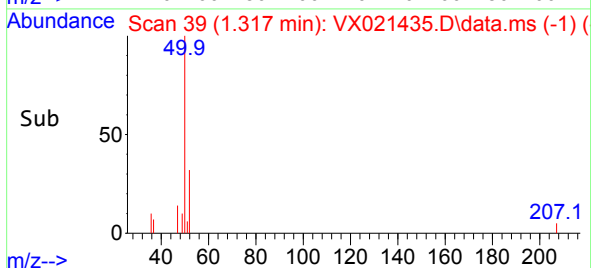
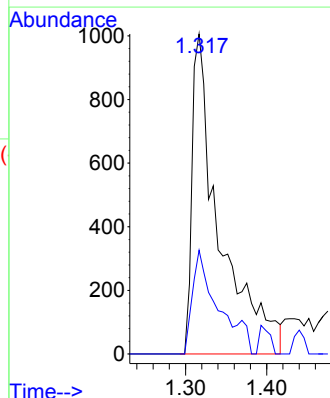
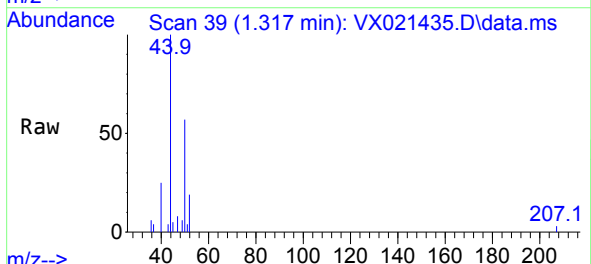
Instrument :
MSVOA_X
ClientSampleId :
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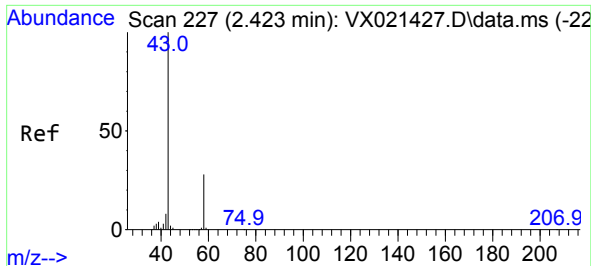
Tgt Ion:168 Resp: 61315
Ion Ratio Lower Upper
168 100
99 68.0 45.8 68.6



#3
Chloromethane
Concen: 3.08 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021435.D
Acq: 24 Mar 2021 15:08

Tgt Ion: 50 Resp: 2357
Ion Ratio Lower Upper
50 100
52 32.4 26.4 39.6

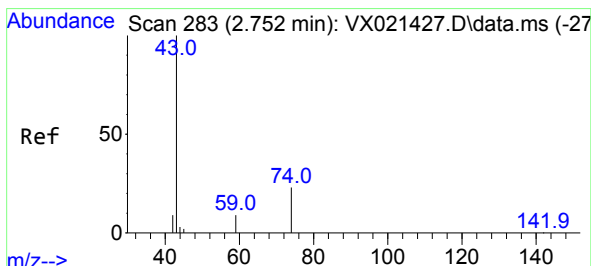
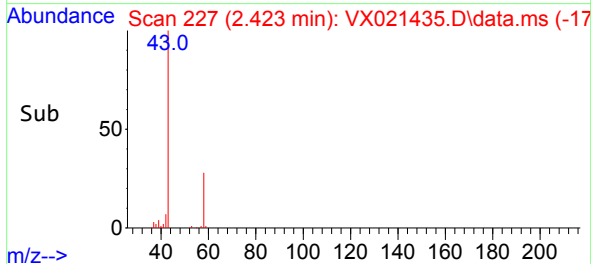
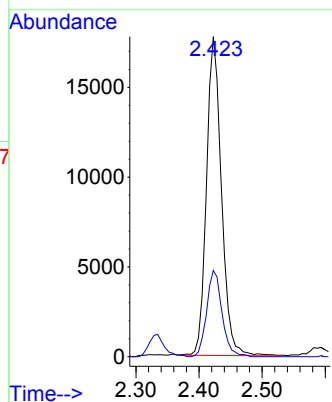
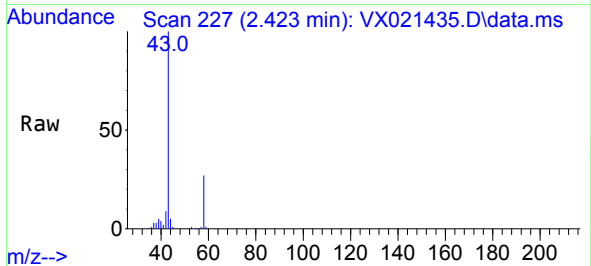




#16
Acetone
Concen: 75.85 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021435.D
Acq: 24 Mar 2021 15:08

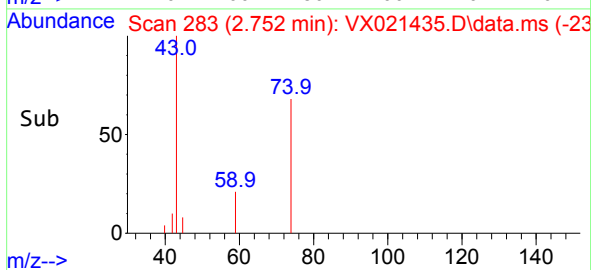
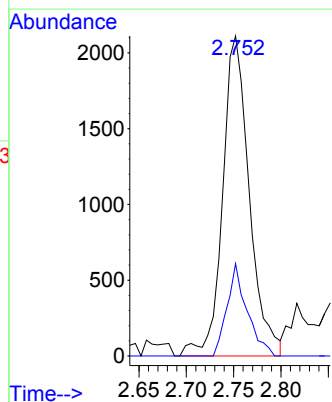
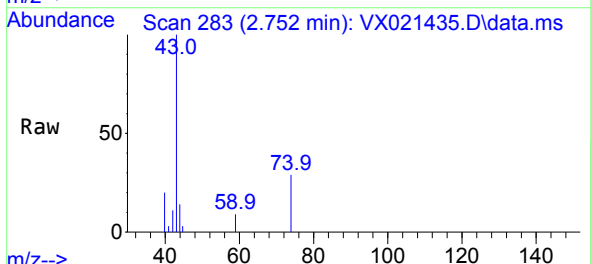
Instrument :
MSVOA_X
ClientSampleId :
30816

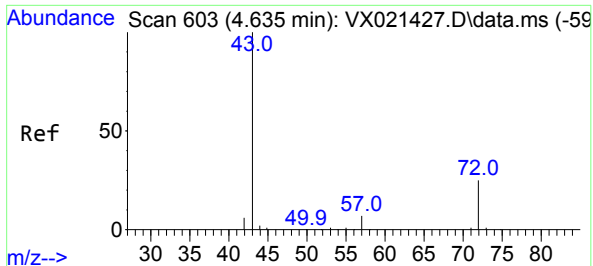
Tgt Ion: 43 Resp: 29260
Ion Ratio Lower Upper
43 100
58 27.1 27.8 41.8#



#18
Methyl Acetate
Concen: 3.72 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021435.D
Acq: 24 Mar 2021 15:08

Tgt Ion: 43 Resp: 4142
Ion Ratio Lower Upper
43 100
74 21.7 21.9 32.9#

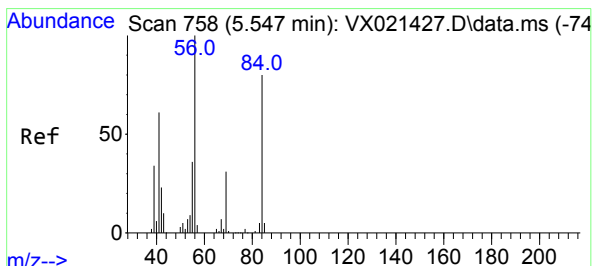
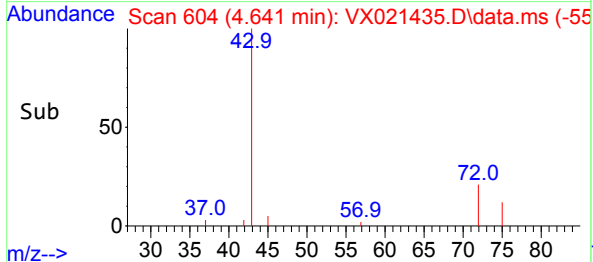
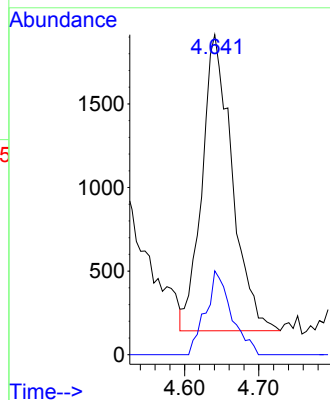
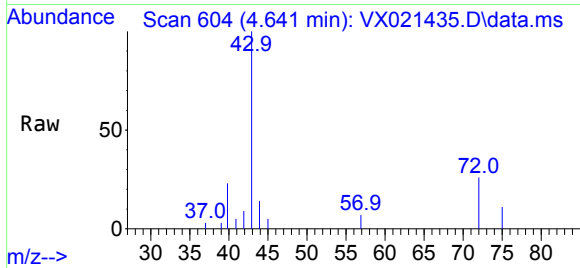




#25
2-Butanone
Concen: 8.57 ug/l
RT: 4.641 min Scan# 604
Delta R.T. 0.006 min
Lab File: VX021435.D
Acq: 24 Mar 2021 15:08

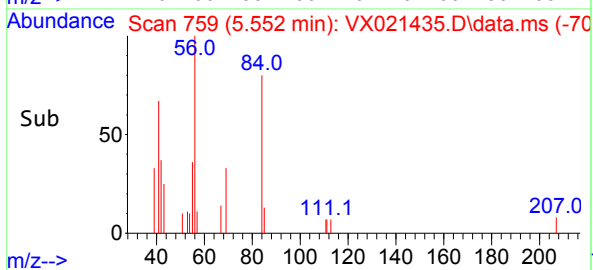
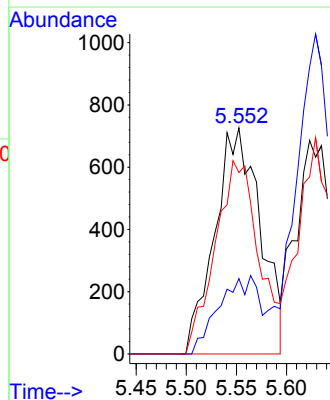
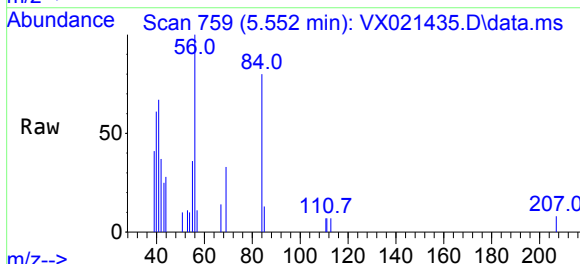
Instrument :
MSVOA_X
ClientSampled :
30816

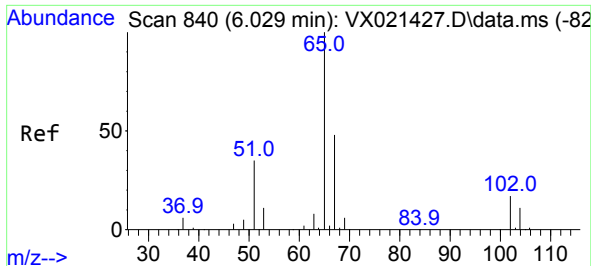
Tgt Ion: 43 Resp: 5010
Ion Ratio Lower Upper
43 100
72 28.4 23.7 35.5



#31
Cyclohexane
Concen: 2.05 ug/l
RT: 5.552 min Scan# 759
Delta R.T. 0.005 min
Lab File: VX021435.D
Acq: 24 Mar 2021 15:08

Tgt Ion: 56 Resp: 2298
Ion Ratio Lower Upper
56 100
69 33.3 25.3 37.9
84 80.3 71.4 107.0

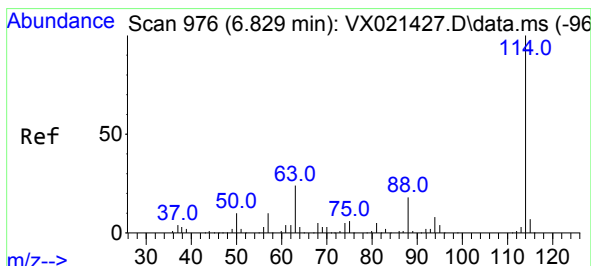
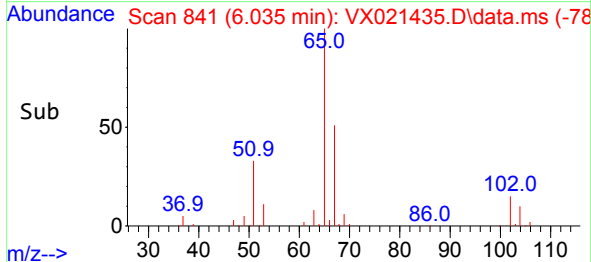
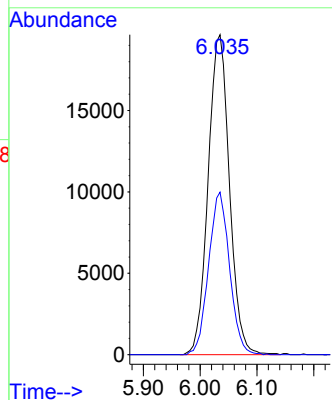
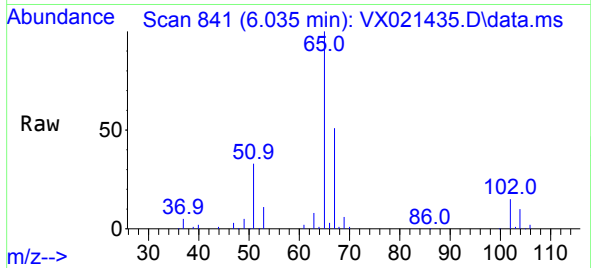




#33
1,2-Dichloroethane-d4
Concen: 50.16 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021435.D
Acq: 24 Mar 2021 15:08

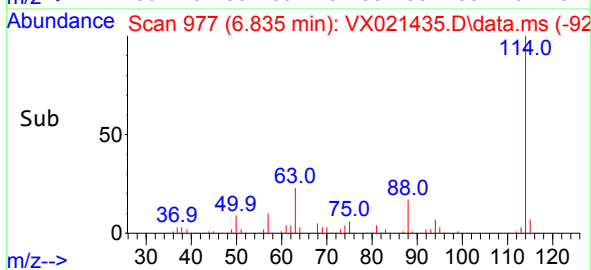
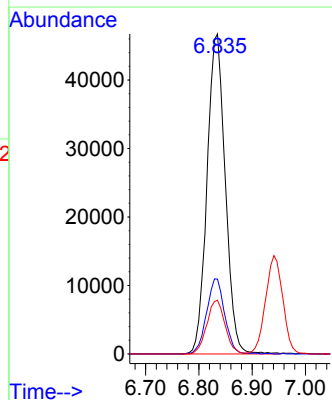
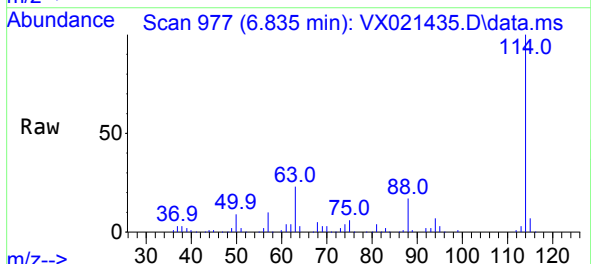
Instrument :
MSVOA_X
ClientSampleId :
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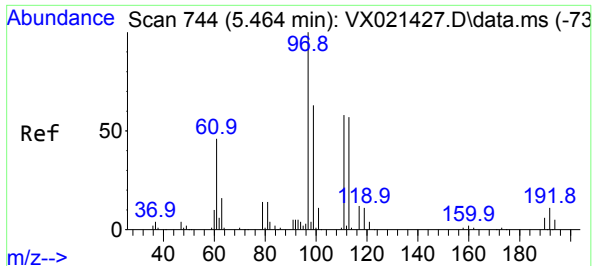
Tgt Ion: 65 Resp: 51172
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021435.D
Acq: 24 Mar 2021 15:08

Tgt Ion: 114 Resp: 111035
Ion Ratio Lower Upper
114 100
63 23.4 0.0 40.8
88 16.8 0.0 32.8

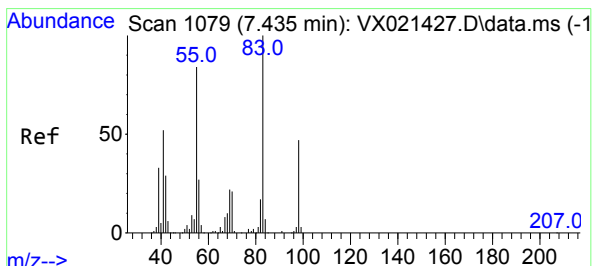
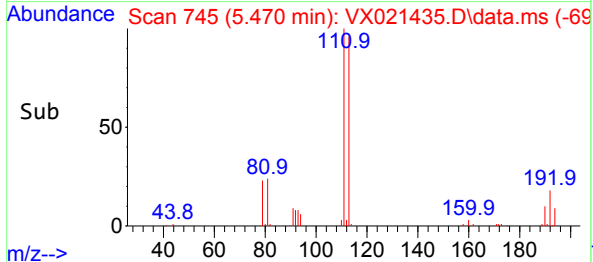
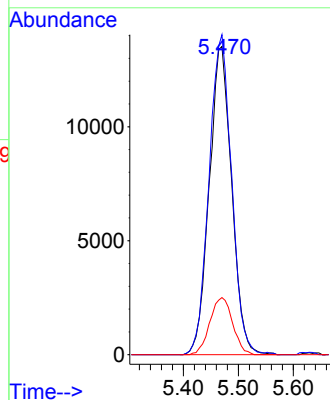
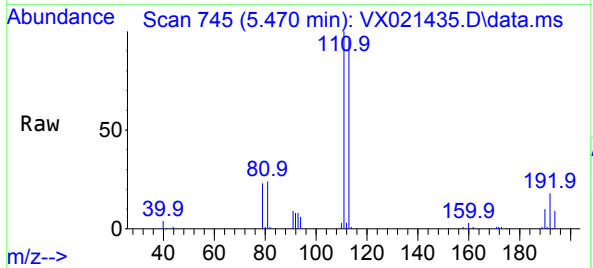




#35
Dibromofluoromethane
Concen: 48.67 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021435.D
Acq: 24 Mar 2021 15:08

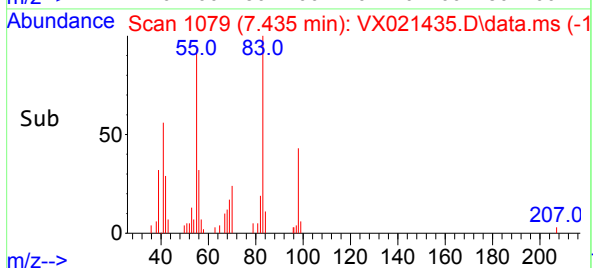
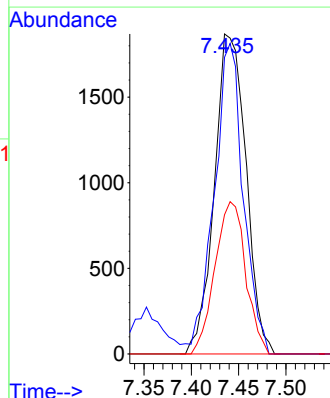
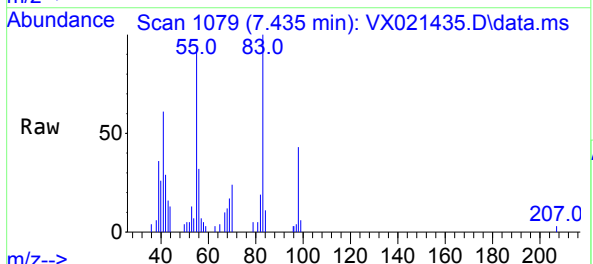
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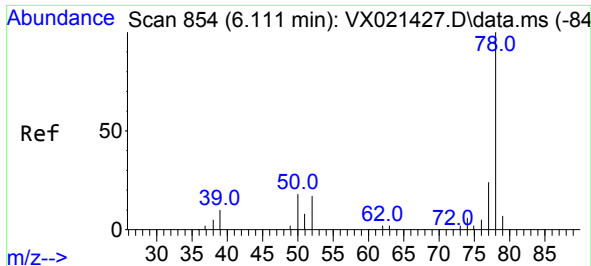
Tgt Ion:113 Resp: 38388
Ion Ratio Lower Upper
113 100
111 104.2 81.9 122.9
192 18.8 16.7 25.1



#39
Methylcyclohexane
Concen: 3.59 ug/l
RT: 7.435 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX021435.D
Acq: 24 Mar 2021 15:08

Tgt Ion: 83 Resp: 4336
Ion Ratio Lower Upper
83 100
55 92.7 58.9 88.3#
98 43.5 38.1 57.1

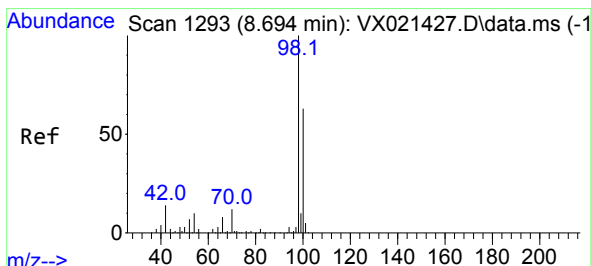
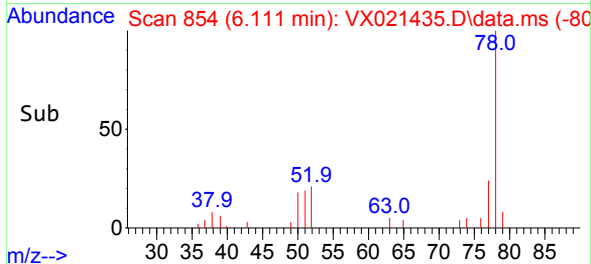
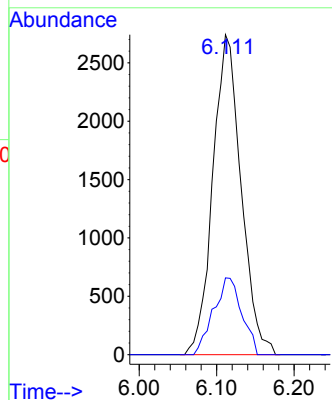
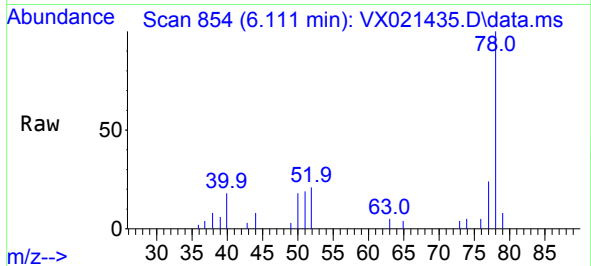




#40
Benzene
Concen: 2.25 ug/l
RT: 6.111 min Scan# 854
Delta R.T. 0.000 min
Lab File: VX021435.D
Acq: 24 Mar 2021 15:08

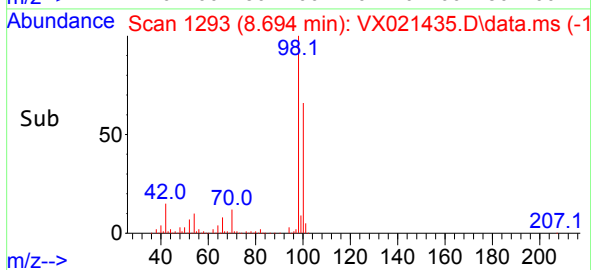
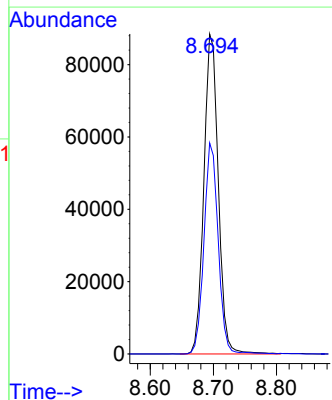
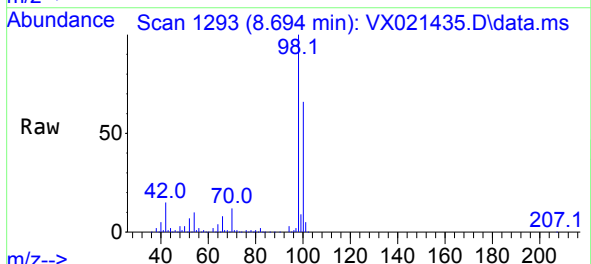
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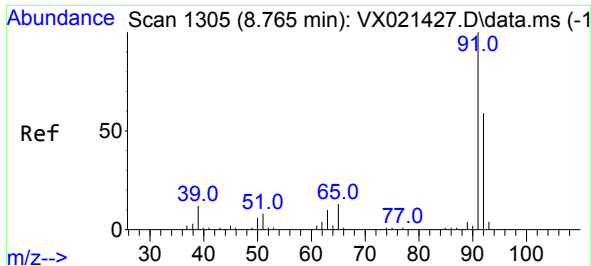
Tgt Ion: 78 Resp: 6948
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3



#50
Toluene-d8
Concen: 50.15 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021435.D
Acq: 24 Mar 2021 15:08

Tgt Ion: 98 Resp: 140947
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

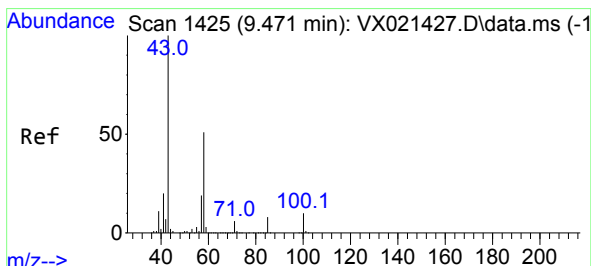
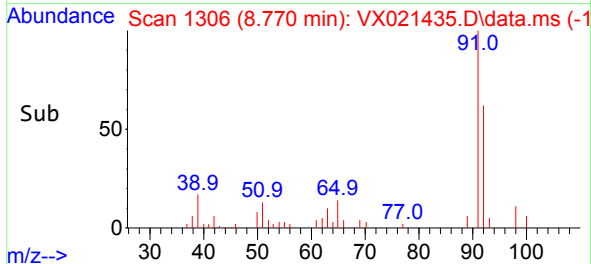
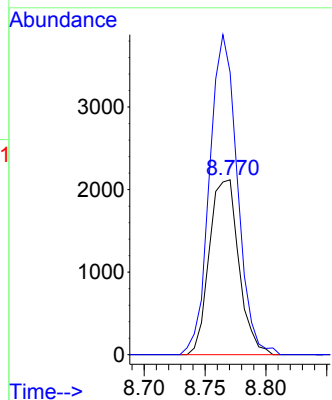
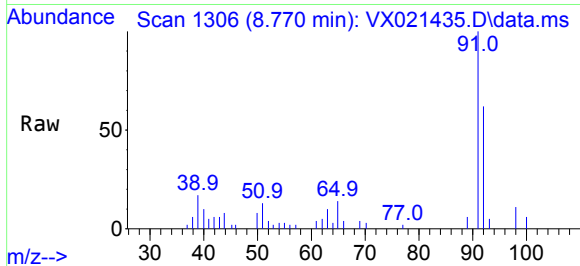




#52
Toluene
Concen: 1.87 ug/l
RT: 8.770 min Scan# 1306
Delta R.T. 0.005 min
Lab File: VX021435.D
Acq: 24 Mar 2021 15:08

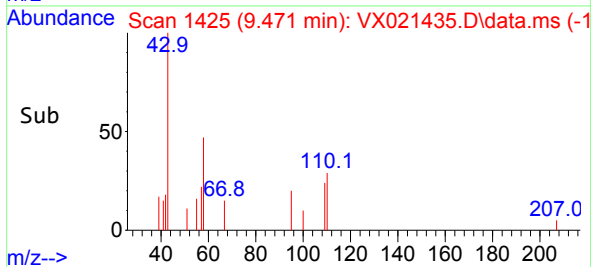
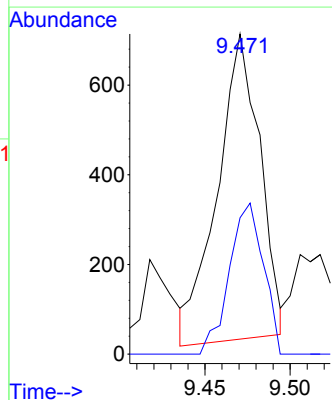
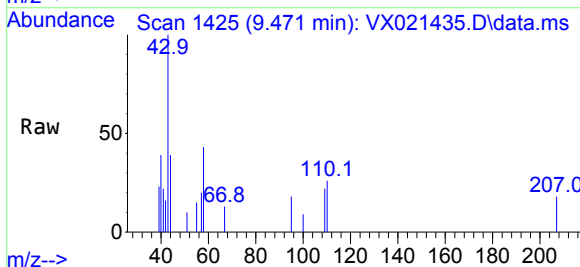
Instrument :
MSVOA_X
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30816

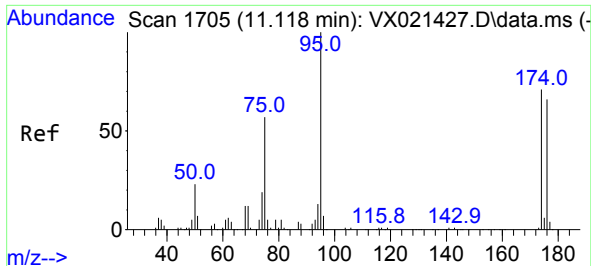
Tgt Ion: 92 Resp: 3577
Ion Ratio Lower Upper
92 100
91 172.2 137.1 205.7



#59
2-Hexanone
Concen: 1.26 ug/l
RT: 9.471 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VX021435.D
Acq: 24 Mar 2021 15:08

Tgt Ion: 43 Resp: 1184
Ion Ratio Lower Upper
43 100
58 39.6 30.9 92.8

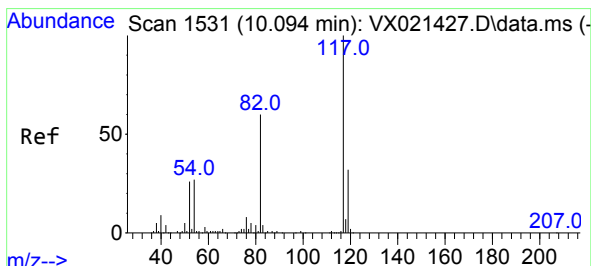
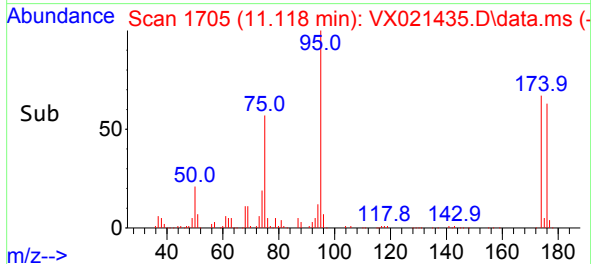
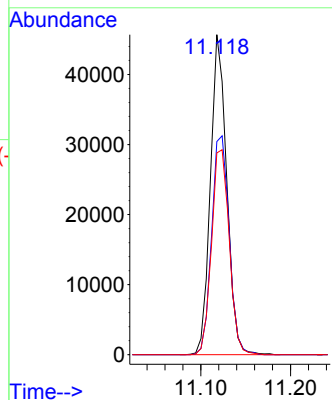
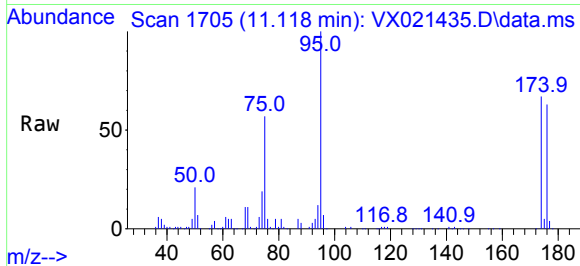




#62
4-Bromofluorobenzene
Concen: 52.71 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021435.D
Acq: 24 Mar 2021 15:08

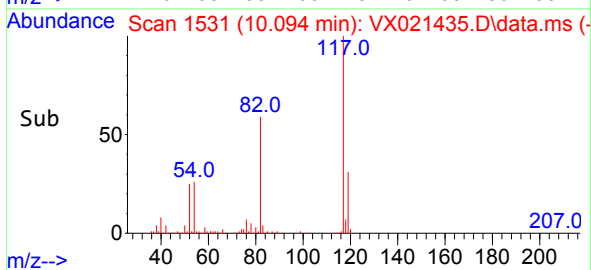
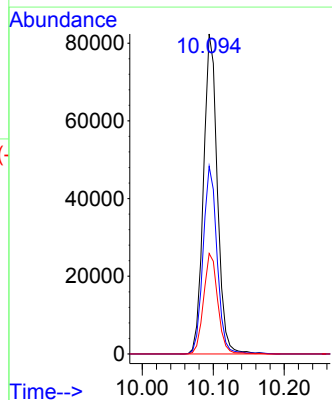
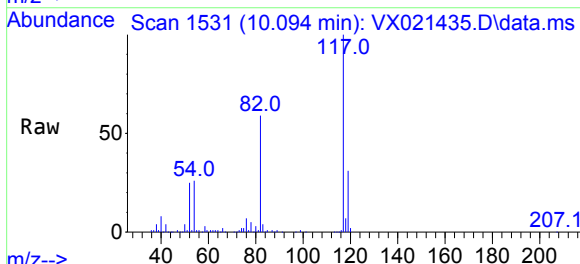
Instrument :
MSVOA_X
ClientSampled :
30816

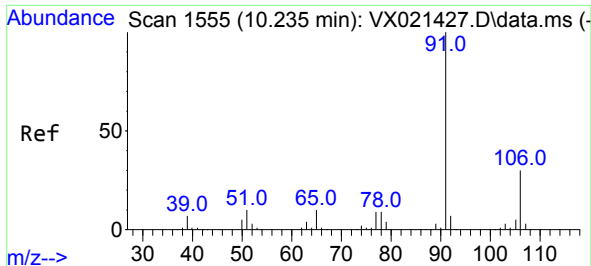
Tgt Ion: 95 Resp: 57598
Ion Ratio Lower Upper
95 100
174 73.6 0.0 154.6
176 69.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021435.D
Acq: 24 Mar 2021 15:08

Tgt Ion: 117 Resp: 112094
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 31.4 26.6 39.8

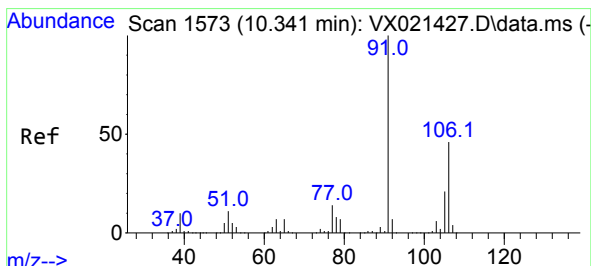
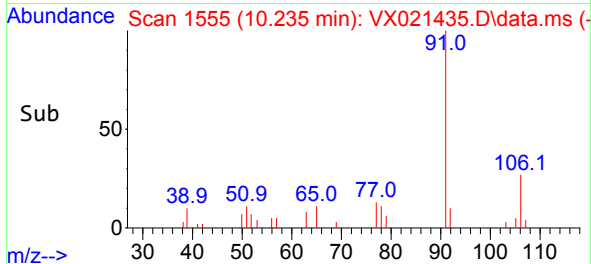
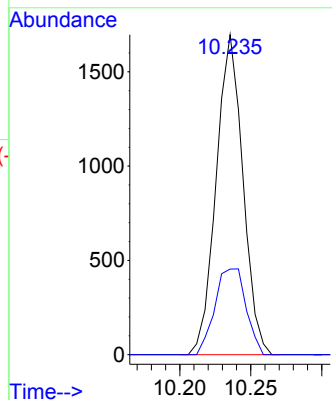
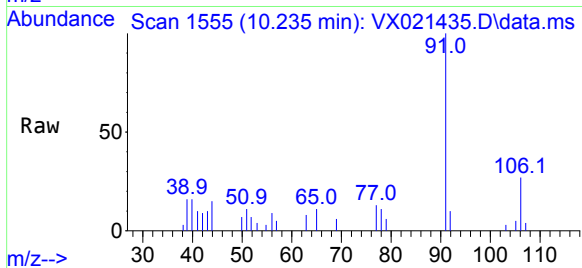




#67
Ethyl Benzene
Concen: 0.54 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021435.D
Acq: 24 Mar 2021 15:08

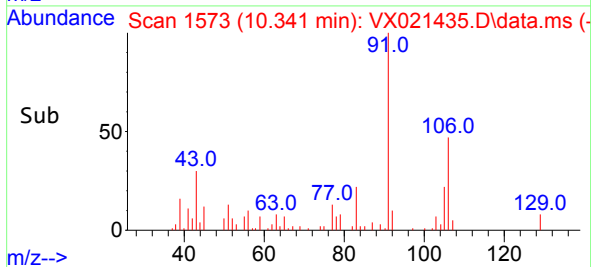
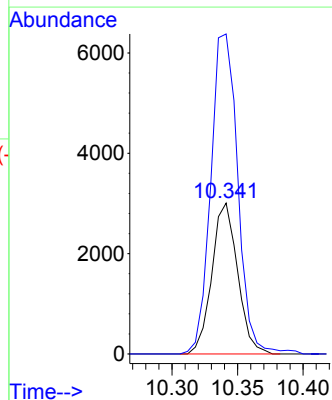
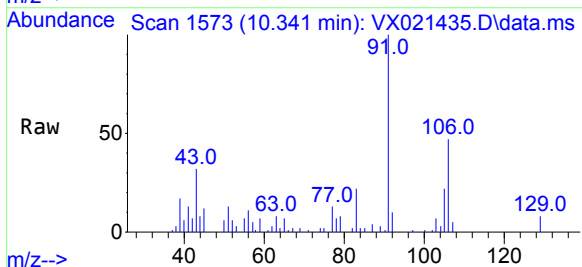
Instrument :
MSVOA_X
ClientSampled :
30816

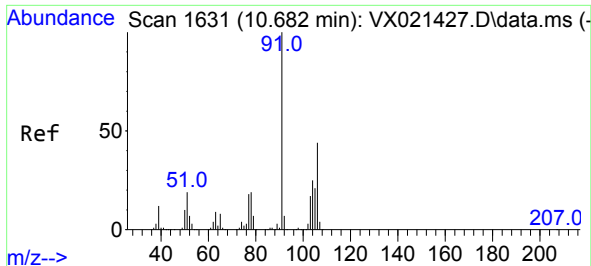
Tgt Ion: 91 Resp: 2219
Ion Ratio Lower Upper
91 100
106 26.8 24.6 37.0



#68
m/p-Xylenes
Concen: 2.81 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021435.D
Acq: 24 Mar 2021 15:08

Tgt Ion: 106 Resp: 4103
Ion Ratio Lower Upper
106 100
91 223.1 162.8 244.2

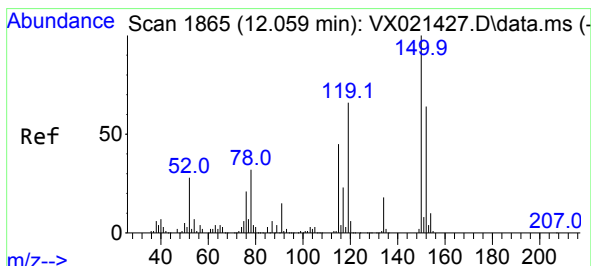
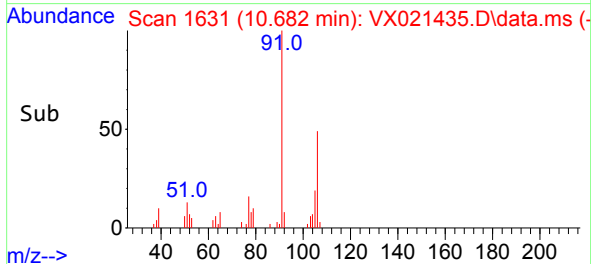
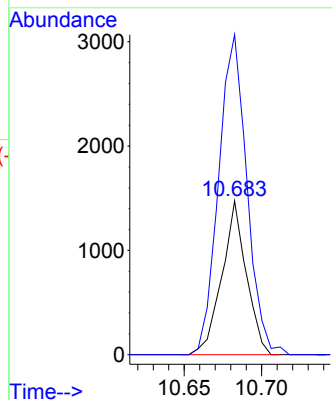
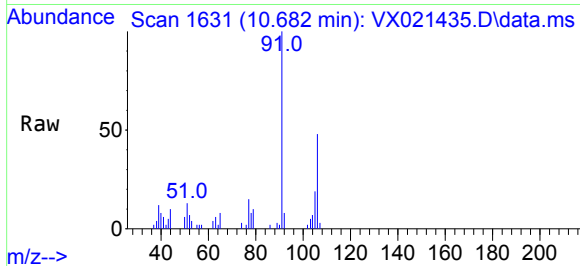




#69
o-Xylene
Concen: 1.14 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VX021435.D
Acq: 24 Mar 2021 15:08

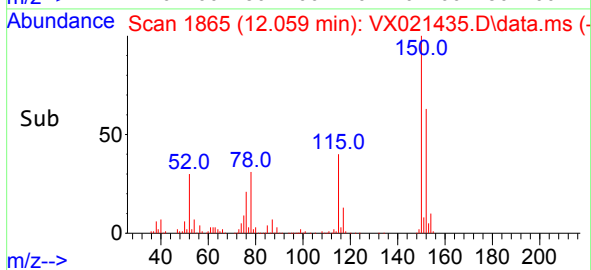
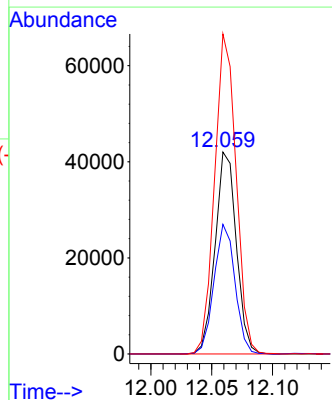
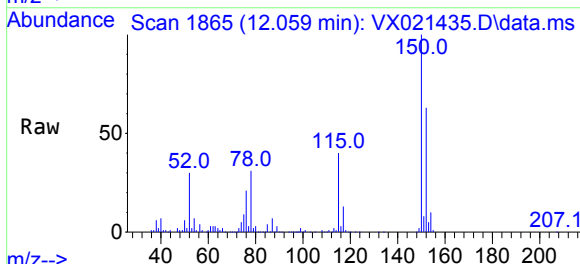
Instrument :
MSVOA_X
ClientSampled :
30816

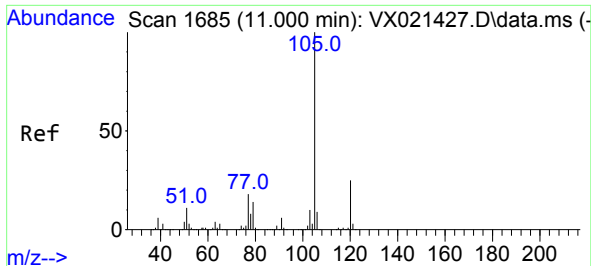
Tgt Ion:106 Resp: 1621
Ion Ratio Lower Upper
106 100
91 239.9 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021435.D
Acq: 24 Mar 2021 15:08

Tgt Ion:152 Resp: 51086
Ion Ratio Lower Upper
152 100
115 63.5 41.1 123.3
150 159.9 0.0 349.0

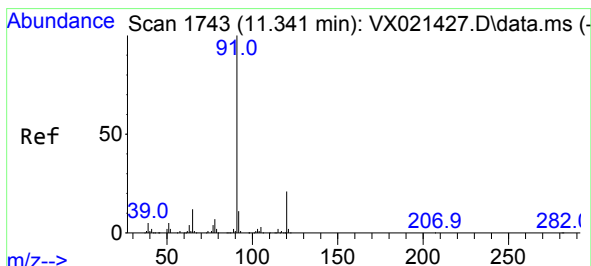
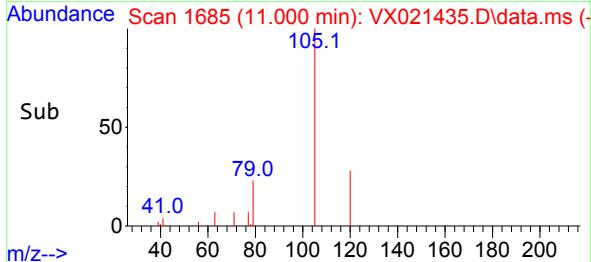
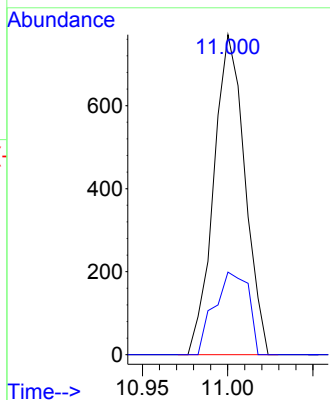
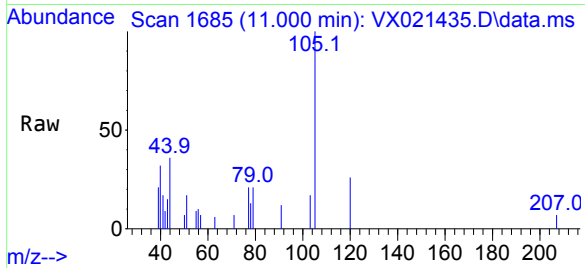




#73
Isopropylbenzene
Concen: 0.27 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX021435.D
Acq: 24 Mar 2021 15:08

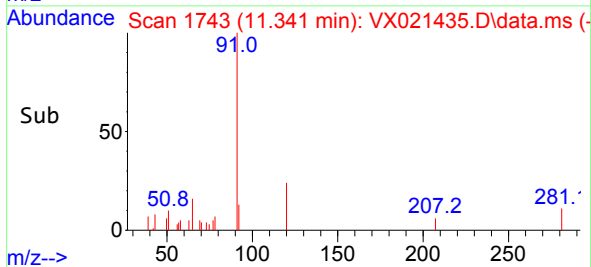
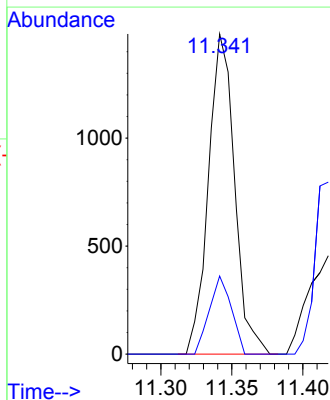
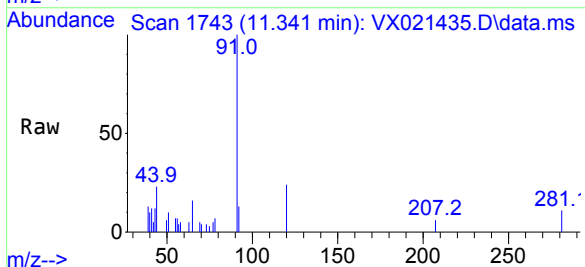
Instrument :
MSVOA_X
ClientSampled :
30816

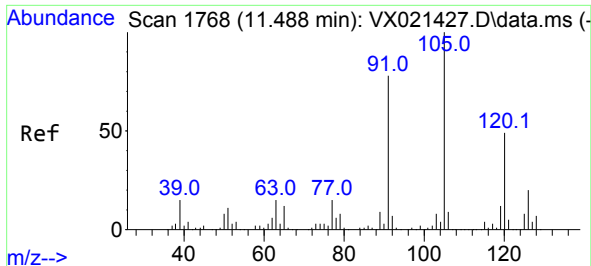
Tgt Ion:105 Resp: 982
Ion Ratio Lower Upper
105 100
120 28.1 13.2 39.6



#78
n-propylbenzene
Concen: 0.45 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX021435.D
Acq: 24 Mar 2021 15:08

Tgt Ion: 91 Resp: 1897
Ion Ratio Lower Upper
91 100
120 20.5 11.5 34.5

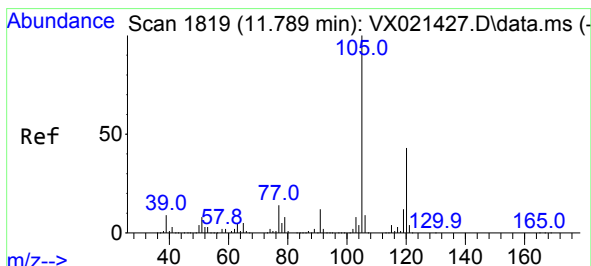
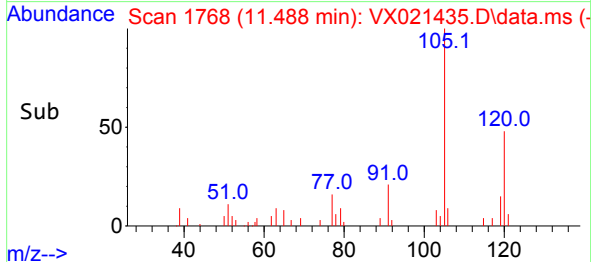
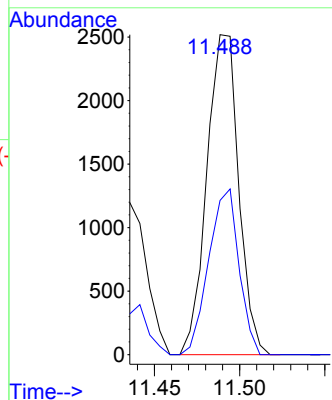
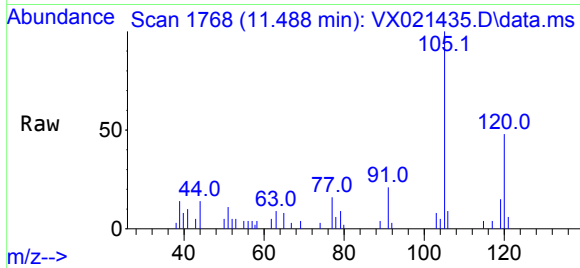




#80
1,3,5-Trimethylbenzene
Concen: 1.07 ug/l
RT: 11.488 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VX021435.D
Acq: 24 Mar 2021 15:08

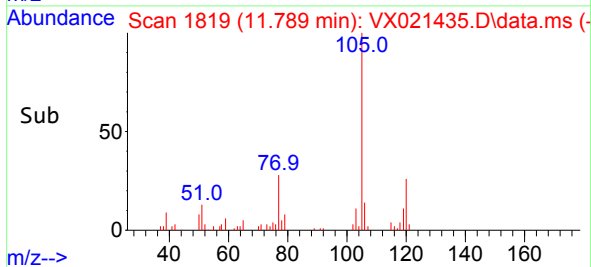
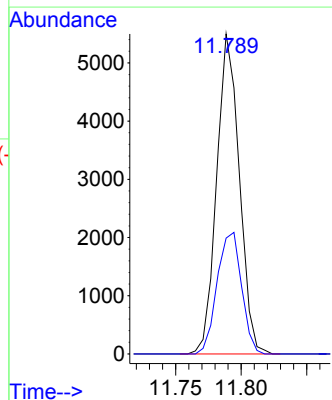
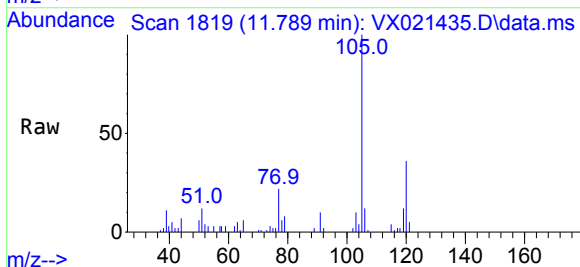
Instrument :
MSVOA_X
ClientSampled :
30816

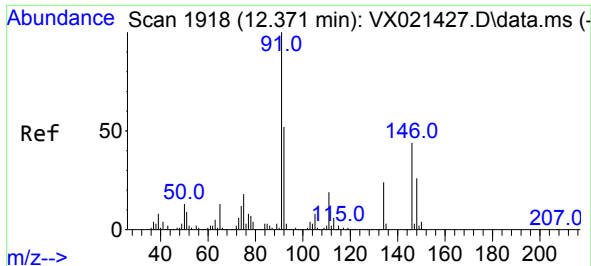
Tgt Ion:105 Resp: 3277
Ion Ratio Lower Upper
105 100
120 49.0 23.8 71.5



#84
1,2,4-Trimethylbenzene
Concen: 2.13 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VX021435.D
Acq: 24 Mar 2021 15:08

Tgt Ion:105 Resp: 6579
Ion Ratio Lower Upper
105 100
120 41.1 22.4 67.3

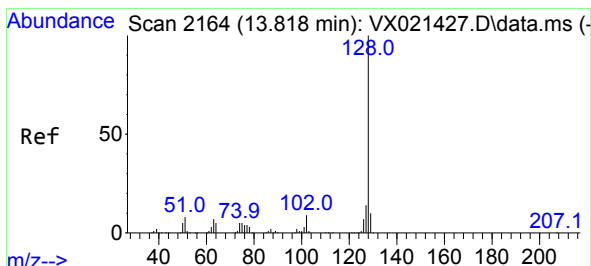
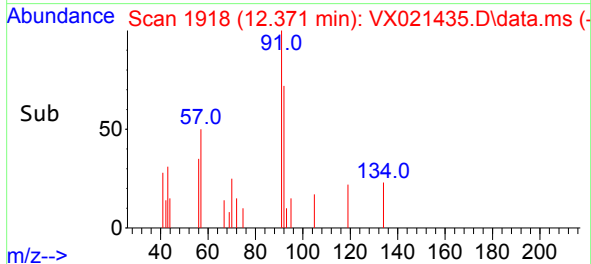
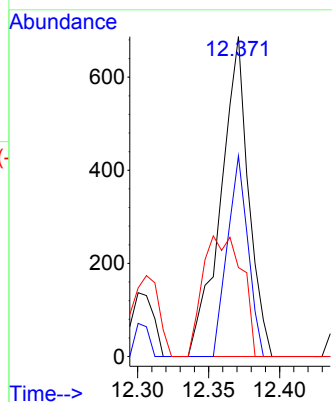
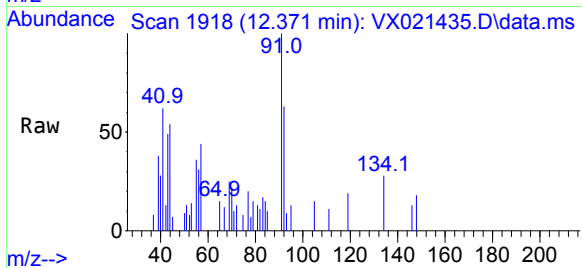




#89
n-Butylbenzene
Concen: 0.33 ug/l
RT: 12.371 min Scan# 1918
Delta R.T. -0.000 min
Lab File: VX021435.D
Acq: 24 Mar 2021 15:08

Instrument :
MSVOA_X
ClientSampled :
30816

Tgt Ion: 91 Resp: 937
Ion Ratio Lower Upper
91 100
92 46.2 27.4 82.0
134 53.3 13.2 39.5#



#95
Naphthalene
Concen: 2.88 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021435.D
Acq: 24 Mar 2021 15:08

Tgt Ion:128 Resp: 9592
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.9 8.8 13.2

