

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021437.D
 Acq On : 24 Mar 2021 15:50
 Operator : JC/MD
 Sample : M1752-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP2-41720:23-41718

Quant Time: Mar 24 17:19:54 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)

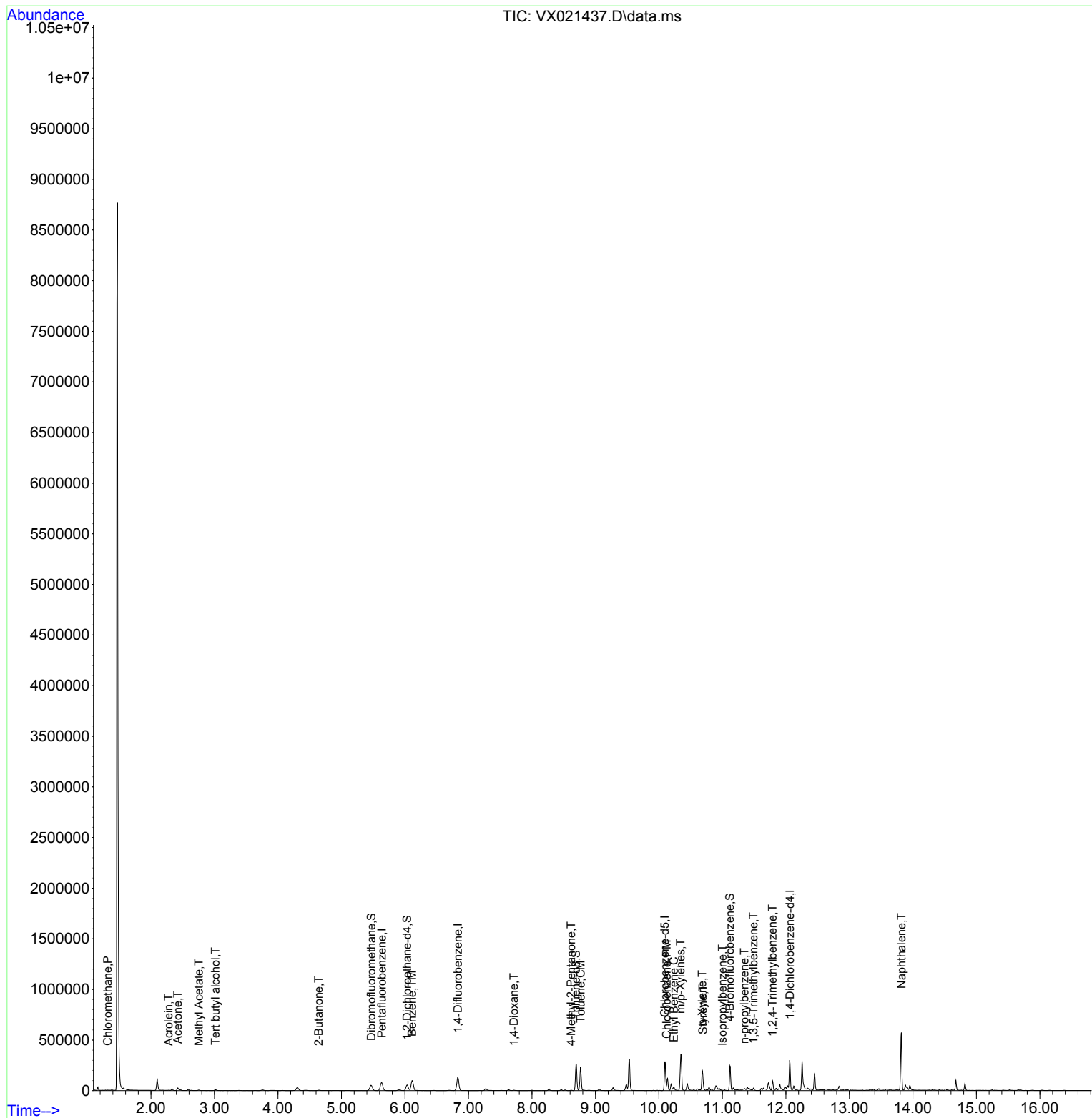
Internal Standards						
1) Pentafluorobenzene	5.635	168	69381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	122160	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	122415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	54135	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	55002	47.65	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.30%		
35) Dibromofluoromethane	5.470	113	41501	47.83	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.66%		
50) Toluene-d8	8.694	98	153268	49.57	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.14%		
62) 4-Bromofluorobenzene	11.118	95	63198	52.57	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.14%		
Target Compounds					Qvalue	
3) Chloromethane	1.317	50	2719	3.14	ug/l	98
11) Tert butyl alcohol	3.017	59	7026	36.82	ug/l #	93
13) Acrolein	2.276	56	1709	21.75	ug/l	83
16) Acetone	2.423	43	26599	60.94	ug/l	89
18) Methyl Acetate	2.752	43	6908	5.48	ug/l	92
25) 2-Butanone	4.641	43	6385	9.65	ug/l	90
40) Benzene	6.111	78	112827	33.20	ug/l	99
49) 1,4-Dioxane	7.718	88	2209	102.93	ug/l #	75
51) 4-Methyl-2-Pentanone	8.618	43	2079	1.50	ug/l #	81
52) Toluene	8.765	92	79125	37.69	ug/l	97
65) Chlorobenzene	10.124	112	2162	0.88	ug/l	97
67) Ethyl Benzene	10.236	91	18689	4.17	ug/l	95
68) m/p-Xylenes	10.341	106	43619	27.31	ug/l	93
69) o-Xylene	10.683	106	36397	23.53	ug/l	96
70) Styrene	10.694	104	20410	7.67	ug/l #	73
73) Isopropylbenzene	11.000	105	1284	0.34	ug/l	89
78) n-propylbenzene	11.347	91	6127	1.36	ug/l #	69
80) 1,3,5-Trimethylbenzene	11.489	105	9266	2.85	ug/l	99
84) 1,2,4-Trimethylbenzene	11.789	105	37808	11.54	ug/l	92
95) Naphthalene	13.818	128	312094	88.44	ug/l	100

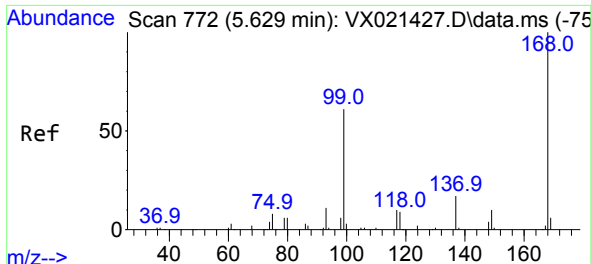
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

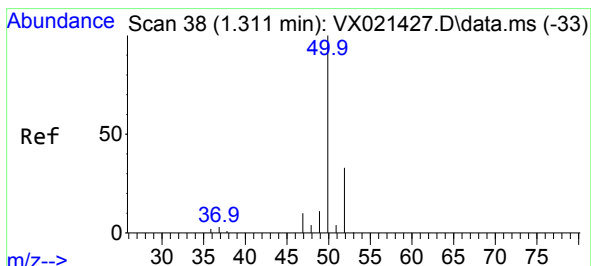
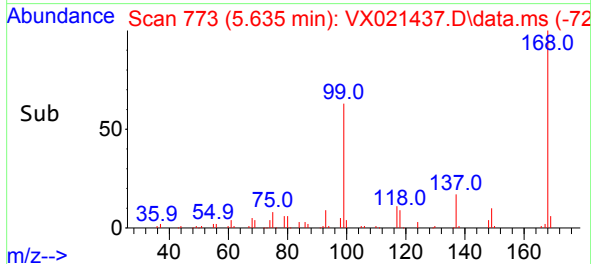
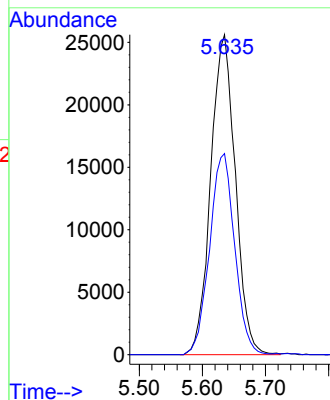
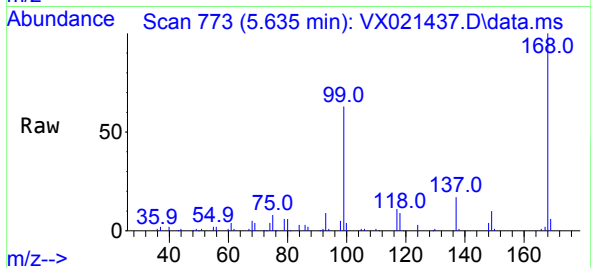




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.006 min
Lab File: VX021437.D
Acq: 24 Mar 2021 15:50

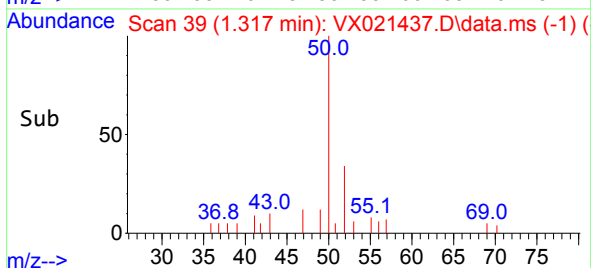
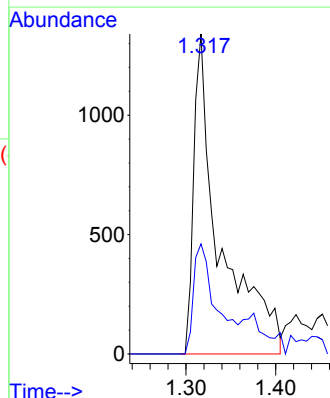
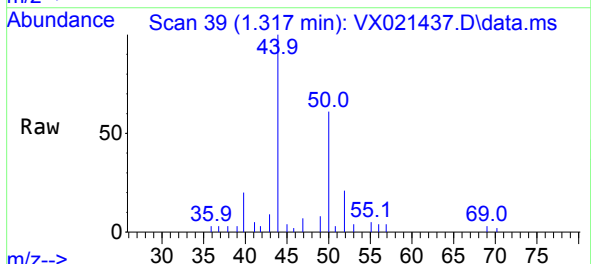
Instrument :
MSVOA_X
ClientSampleId :
COMP2-41720:23-41718

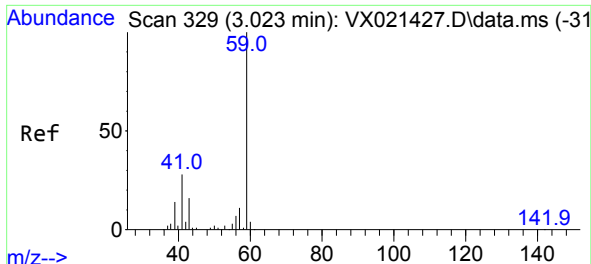
Tgt Ion:168 Resp: 69381
Ion Ratio Lower Upper
168 100
99 62.8 45.8 68.6



#3
Chloromethane
Concen: 3.14 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021437.D
Acq: 24 Mar 2021 15:50

Tgt Ion: 50 Resp: 2719
Ion Ratio Lower Upper
50 100
52 34.4 26.4 39.6



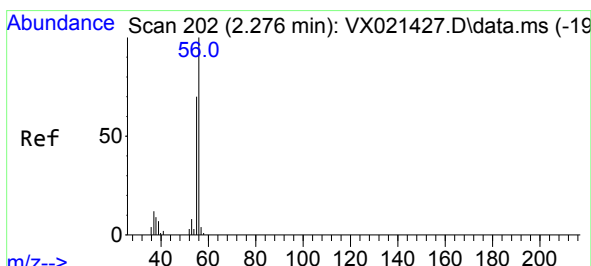
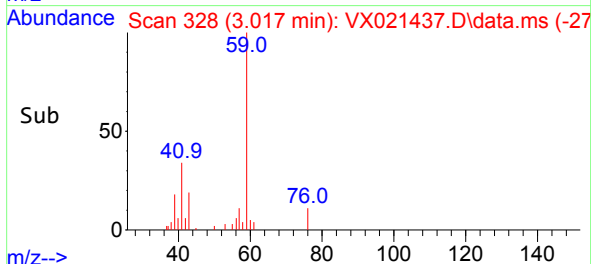
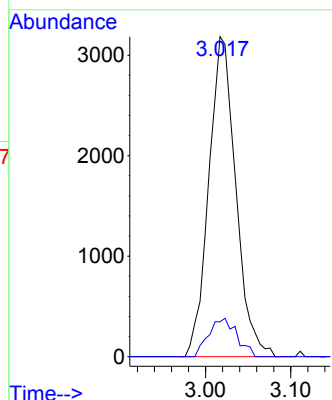
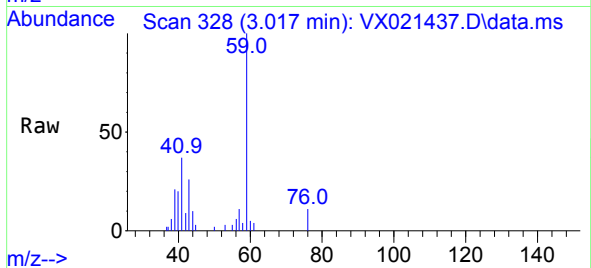


#11

Tert butyl alcohol
Concen: 36.82 ug/l
RT: 3.017 min Scan# 328
Delta R.T. -0.006 min
Lab File: VX021437.D
Acq: 24 Mar 2021 15:50

Instrument :
MSVOA_X
ClientSampleId :
COMP2-41720:23-41718

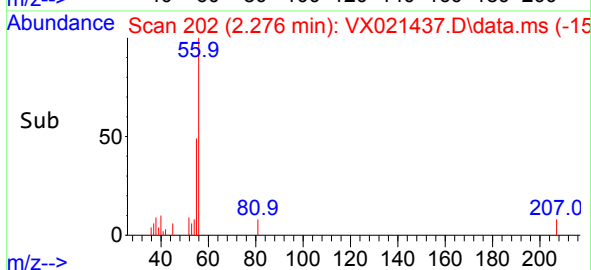
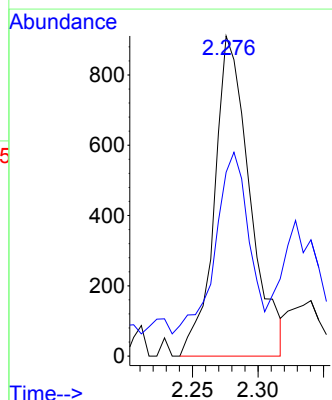
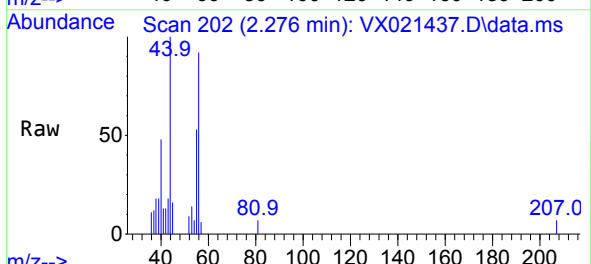
Tgt Ion: 59 Resp: 7026
Ion Ratio Lower Upper
59 100
57 12.4 7.8 11.8#

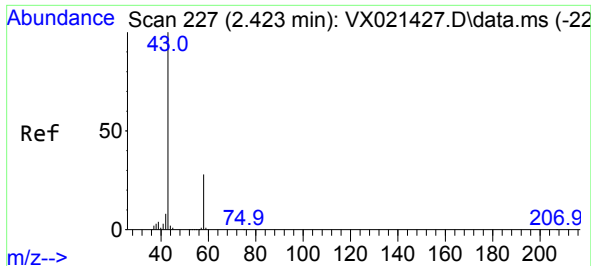


#13

Acrolein
Concen: 21.75 ug/l
RT: 2.276 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX021437.D
Acq: 24 Mar 2021 15:50

Tgt Ion: 56 Resp: 1709
Ion Ratio Lower Upper
56 100
55 56.6 56.4 84.6

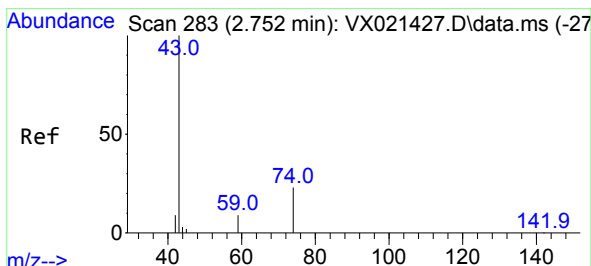
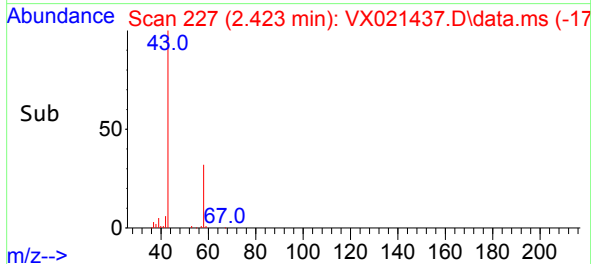
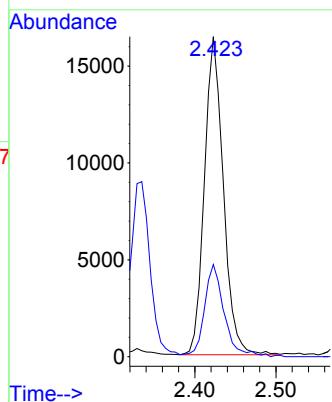
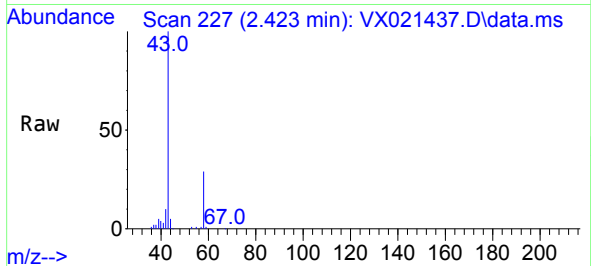




#16
Acetone
Concen: 60.94 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021437.D
Acq: 24 Mar 2021 15:50

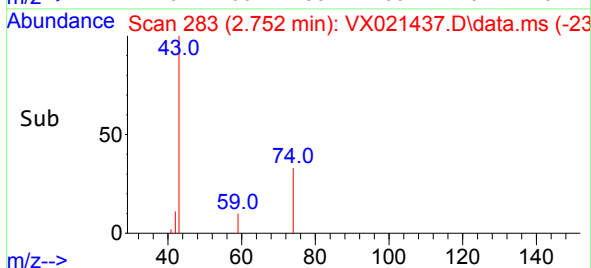
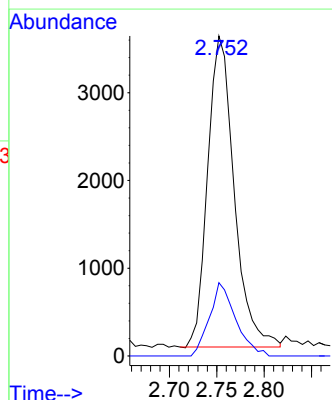
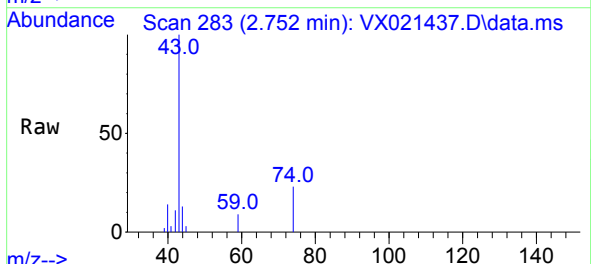
Instrument :
MSVOA_X
ClientSampleId :
COMP2-41720:23-41718

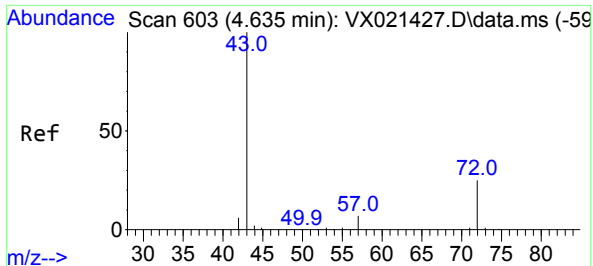
Tgt Ion: 43 Resp: 26599
Ion Ratio Lower Upper
43 100
58 28.5 27.8 41.8



#18
Methyl Acetate
Concen: 5.48 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021437.D
Acq: 24 Mar 2021 15:50

Tgt Ion: 43 Resp: 6908
Ion Ratio Lower Upper
43 100
74 23.2 21.9 32.9

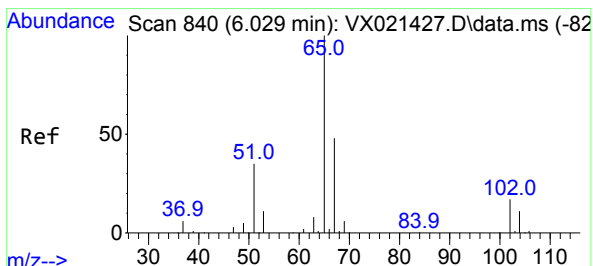
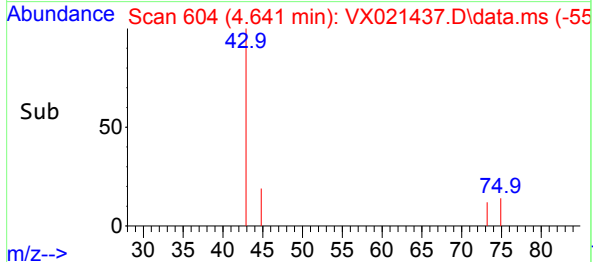
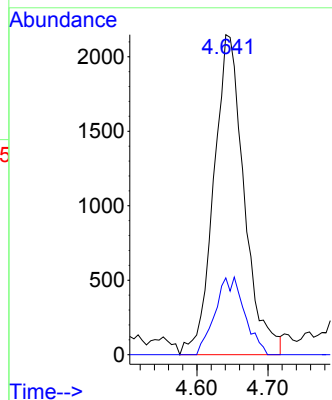
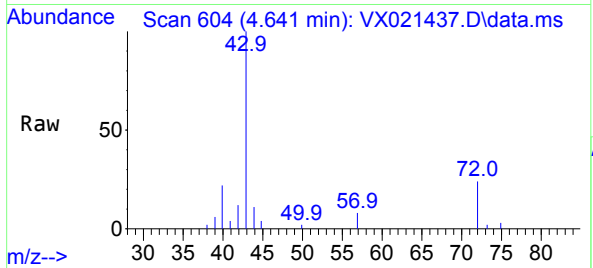




#25
2-Butanone
Concen: 9.65 ug/l
RT: 4.641 min Scan# 604
Delta R.T. 0.006 min
Lab File: VX021437.D
Acq: 24 Mar 2021 15:50

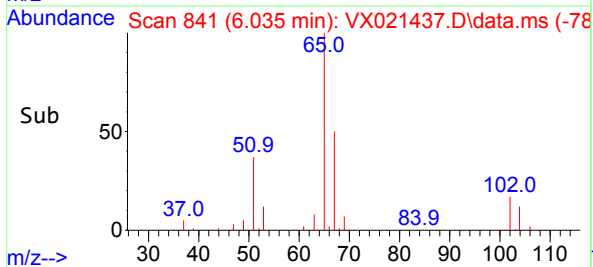
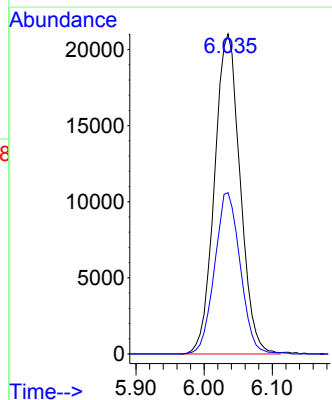
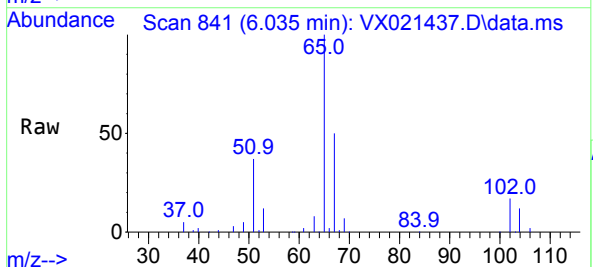
Instrument :
MSVOA_X
ClientSampleId :
COMP2-41720:23-41718

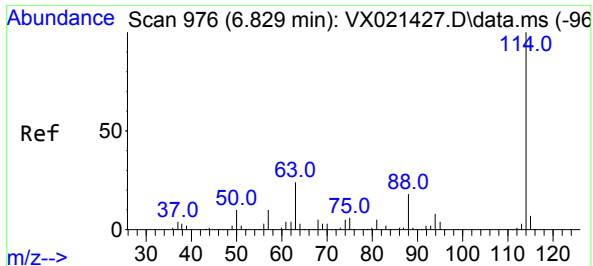
Tgt Ion: 43 Resp: 6385
Ion Ratio Lower Upper
43 100
72 24.0 23.7 35.5



#33
1,2-Dichloroethane-d4
Concen: 47.65 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021437.D
Acq: 24 Mar 2021 15:50

Tgt Ion: 65 Resp: 55002
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.4



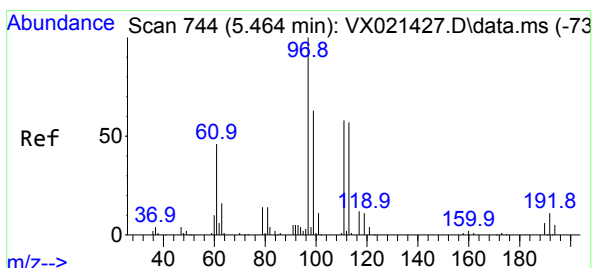
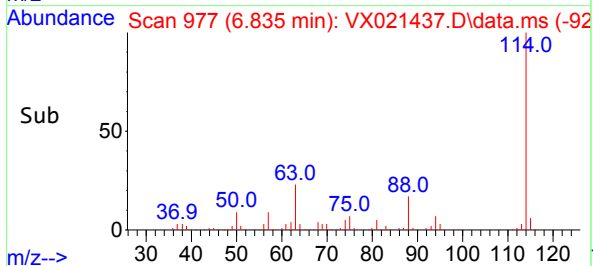
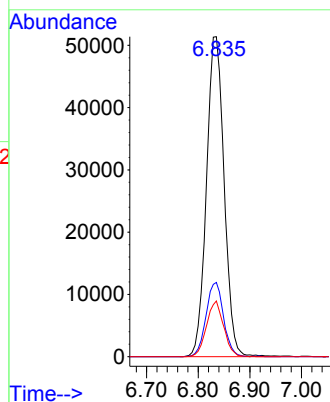
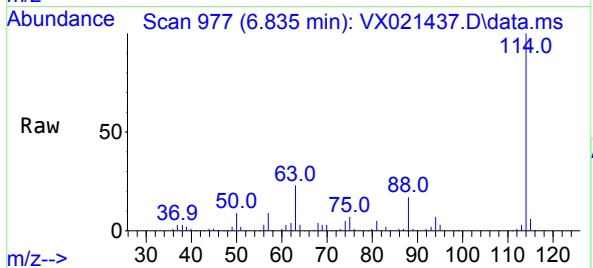


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021437.D
Acq: 24 Mar 2021 15:50

Instrument :
MSVOA_X
ClientSampleId :
COMP2-41720:23-41718

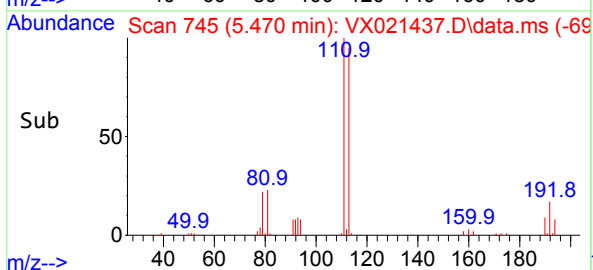
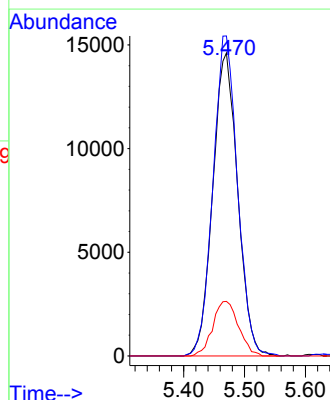
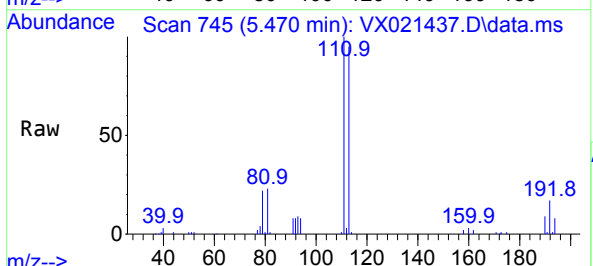
Tgt Ion:114 Resp: 122160
Ion Ratio Lower Upper
114 100
63 23.2 0.0 40.8
88 17.4 0.0 32.8

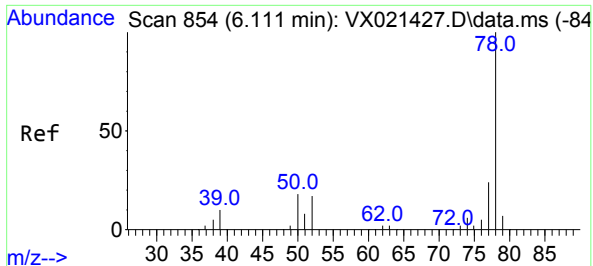


#35

Dibromofluoromethane
Concen: 47.83 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021437.D
Acq: 24 Mar 2021 15:50

Tgt Ion:113 Resp: 41501
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 18.6 16.7 25.1

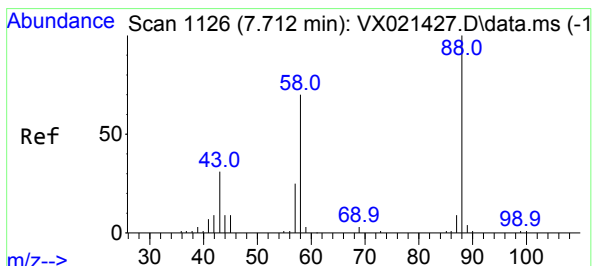
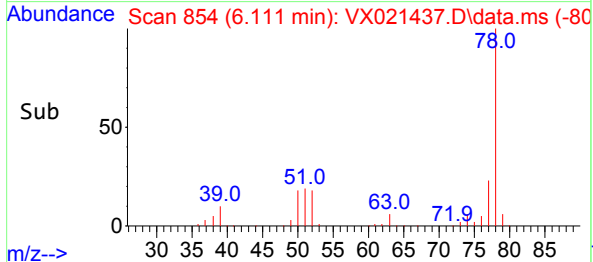
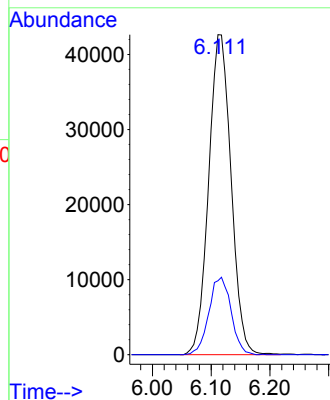
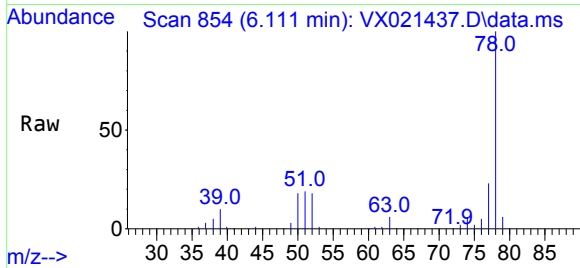




#40
Benzene
Concen: 33.20 ug/l
RT: 6.111 min Scan# 854
Delta R.T. 0.000 min
Lab File: VX021437.D
Acq: 24 Mar 2021 15:50

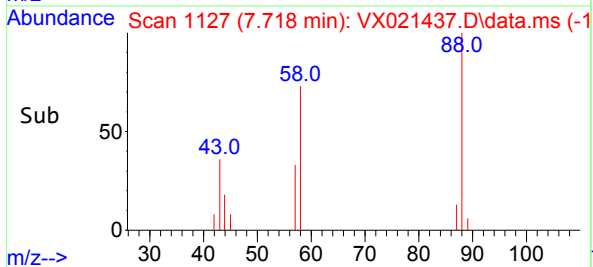
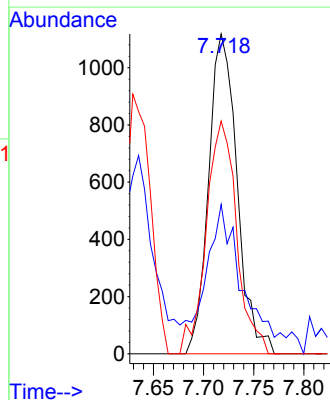
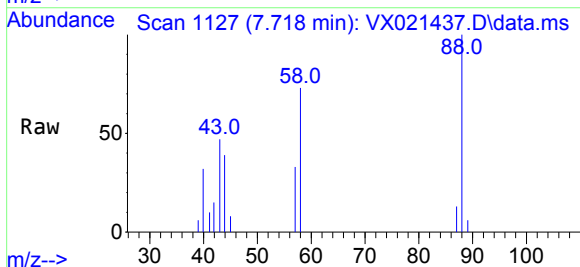
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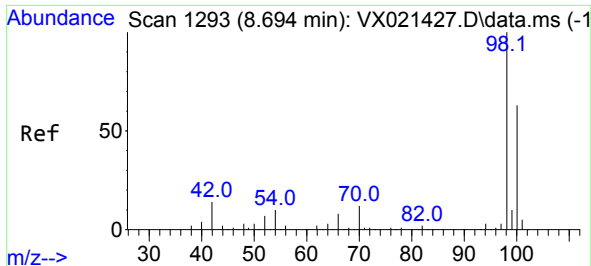
Tgt Ion: 78 Resp: 112827
Ion Ratio Lower Upper
78 100
77 23.1 18.9 28.3



#49
1,4-Dioxane
Concen: 102.93 ug/l
RT: 7.718 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VX021437.D
Acq: 24 Mar 2021 15:50

Tgt Ion: 88 Resp: 2209
Ion Ratio Lower Upper
88 100
43 60.6 23.2 34.8#
58 77.6 55.0 82.4

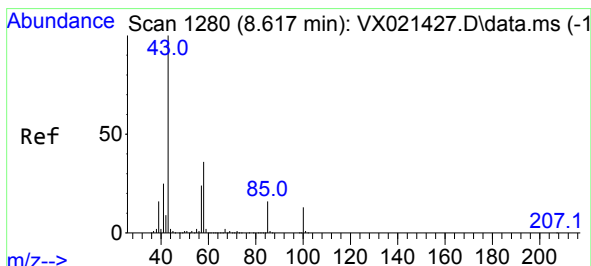
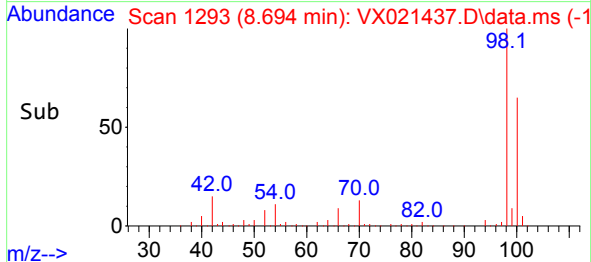
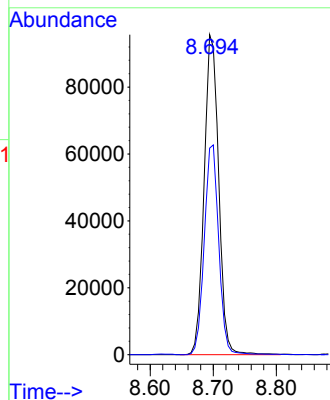
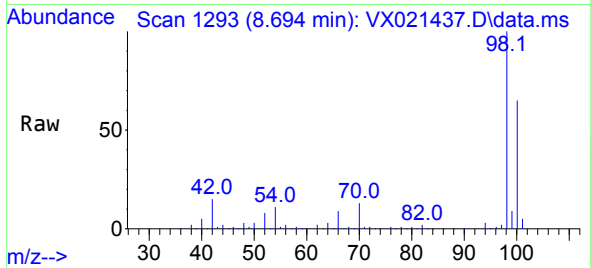




#50
Toluene-d8
Concen: 49.57 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021437.D
Acq: 24 Mar 2021 15:50

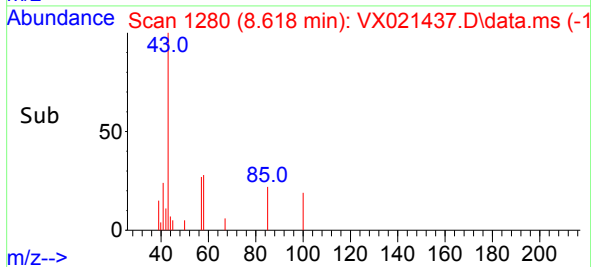
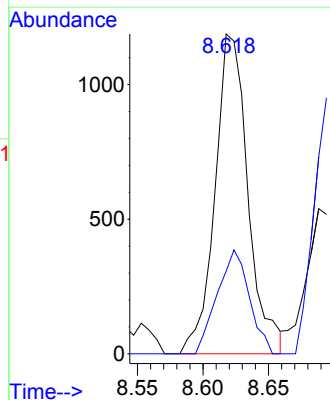
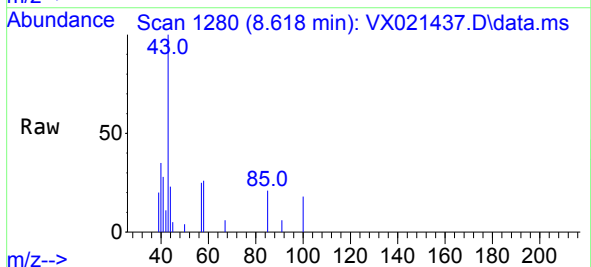
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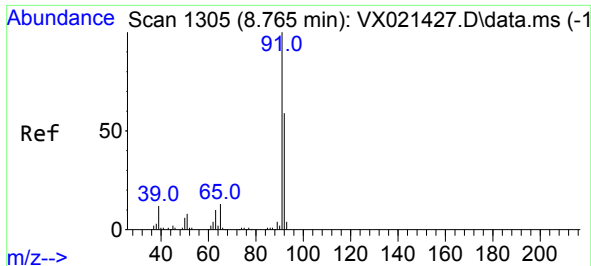
Tgt Ion: 98 Resp: 153268
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.50 ug/l
RT: 8.618 min Scan# 1280
Delta R.T. 0.001 min
Lab File: VX021437.D
Acq: 24 Mar 2021 15:50

Tgt Ion: 43 Resp: 2079
Ion Ratio Lower Upper
43 100
58 31.6 35.4 53.0#

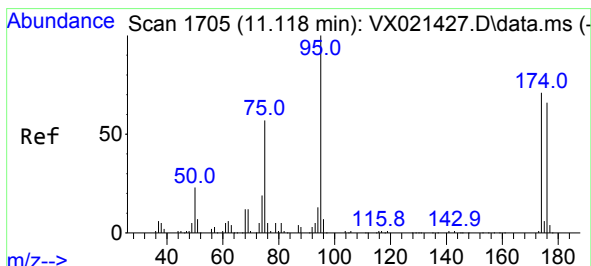
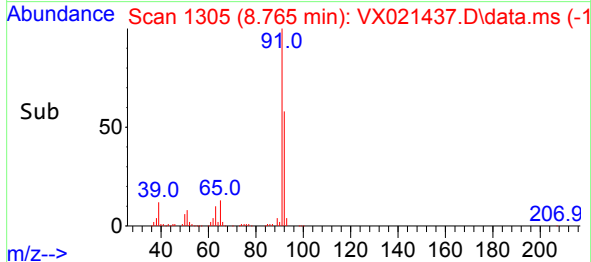
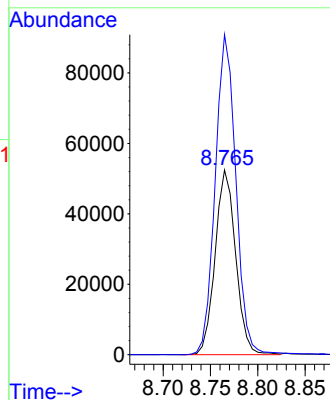
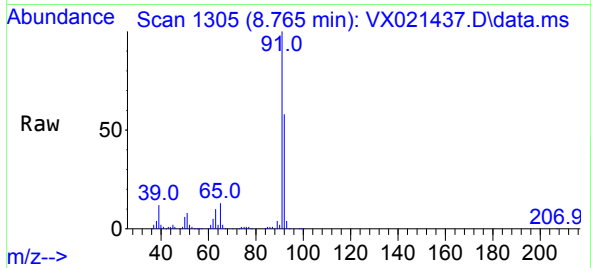




#52
Toluene
Concen: 37.69 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021437.D
Acq: 24 Mar 2021 15:50

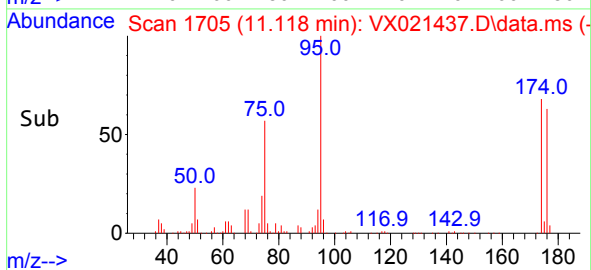
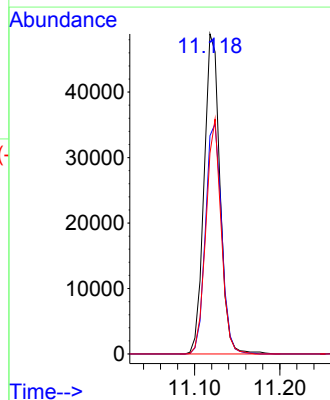
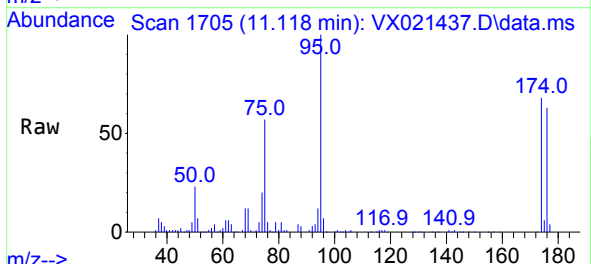
Instrument :
MSVOA_X
ClientSampleId :
COMP2-41720:23-41718

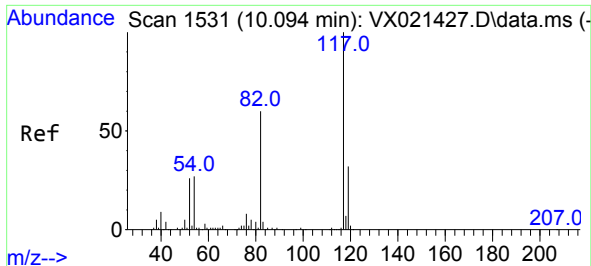
Tgt Ion: 92 Resp: 79125
Ion Ratio Lower Upper
92 100
91 175.3 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 52.57 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021437.D
Acq: 24 Mar 2021 15:50

Tgt Ion: 95 Resp: 63198
Ion Ratio Lower Upper
95 100
174 73.3 0.0 154.6
176 70.2 0.0 155.8

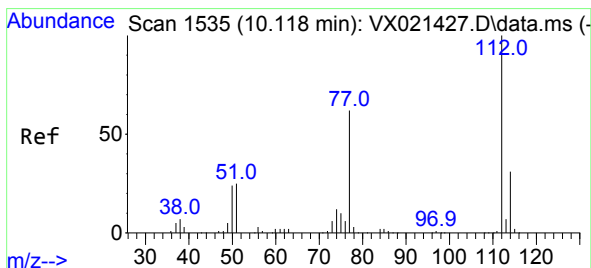
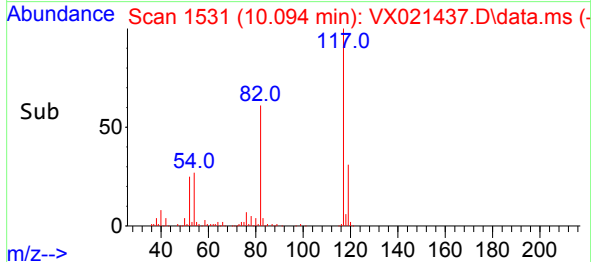
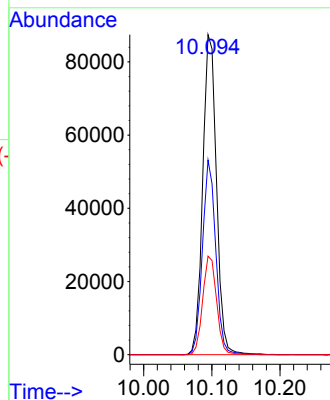
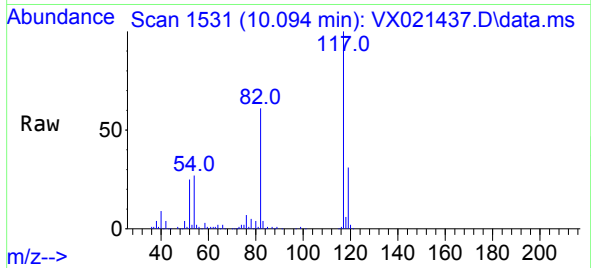




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021437.D
Acq: 24 Mar 2021 15:50

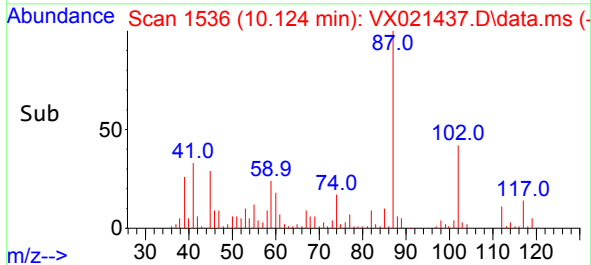
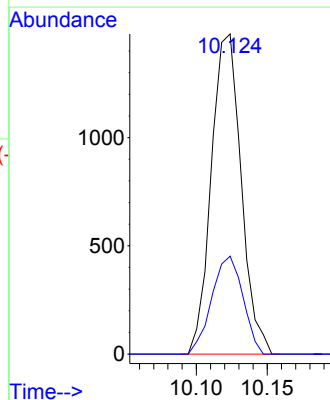
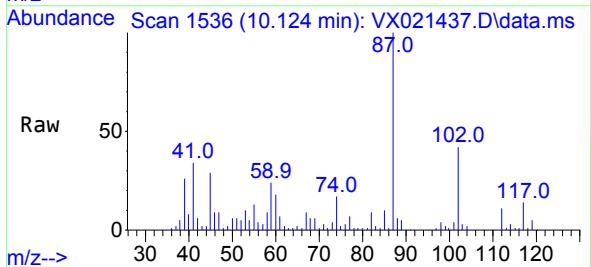
Instrument :
MSVOA_X
ClientSampleId :
COMP2-41720:23-41718

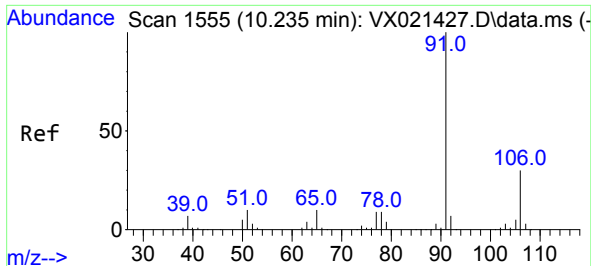
Tgt Ion:117 Resp: 122415
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.2
119 30.8 26.6 39.8



#65
Chlorobenzene
Concen: 0.88 ug/l
RT: 10.124 min Scan# 1536
Delta R.T. 0.006 min
Lab File: VX021437.D
Acq: 24 Mar 2021 15:50

Tgt Ion:112 Resp: 2162
Ion Ratio Lower Upper
112 100
114 30.6 25.8 38.6

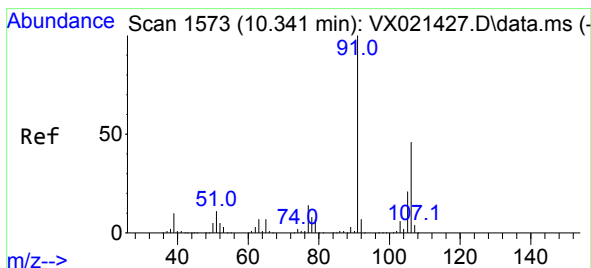
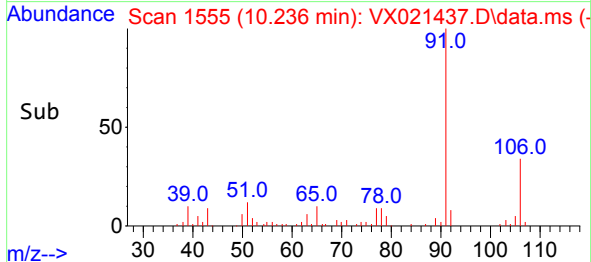
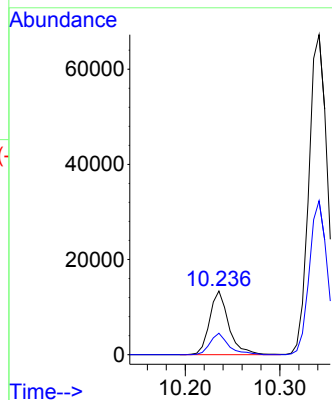
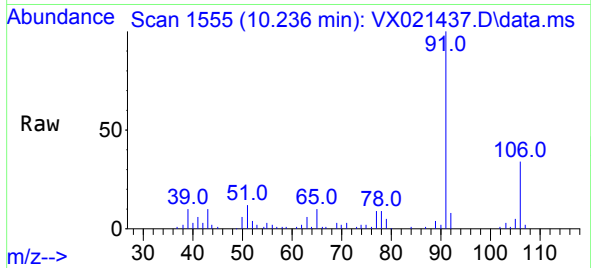




#67
Ethyl Benzene
Concen: 4.17 ug/l
RT: 10.236 min Scan# 1555
Delta R.T. 0.001 min
Lab File: VX021437.D
Acq: 24 Mar 2021 15:50

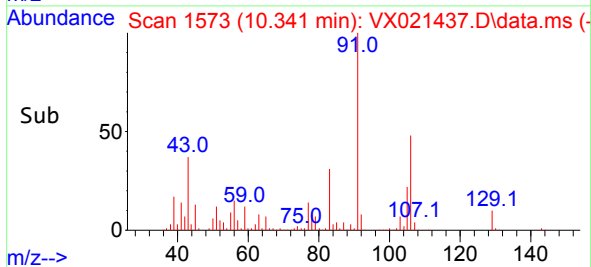
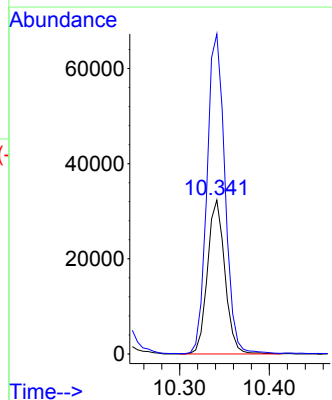
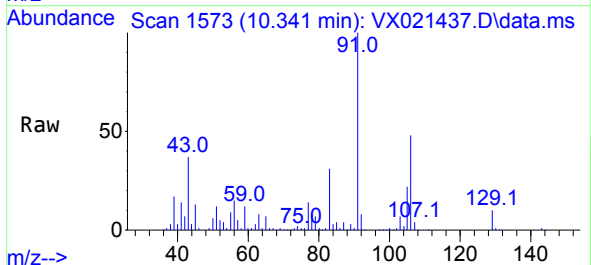
Instrument :
MSVOA_X
ClientSampleId :
COMP2-41720:23-41718

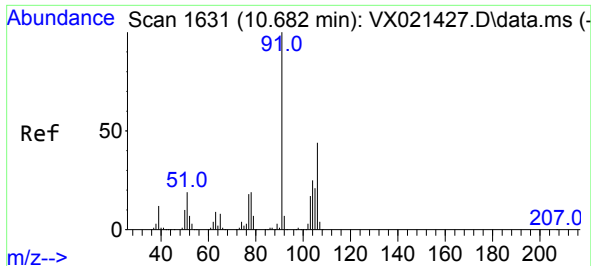
Tgt Ion: 91 Resp: 18689
Ion Ratio Lower Upper
91 100
106 33.6 24.6 37.0



#68
m/p-Xylenes
Concen: 27.31 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021437.D
Acq: 24 Mar 2021 15:50

Tgt Ion: 106 Resp: 43619
Ion Ratio Lower Upper
106 100
91 213.7 162.8 244.2

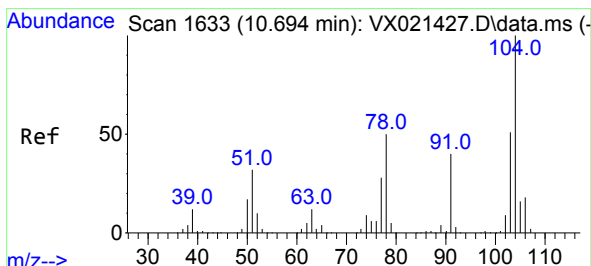
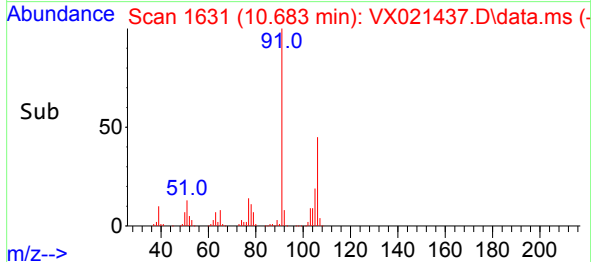
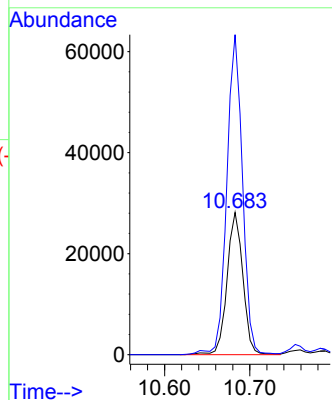
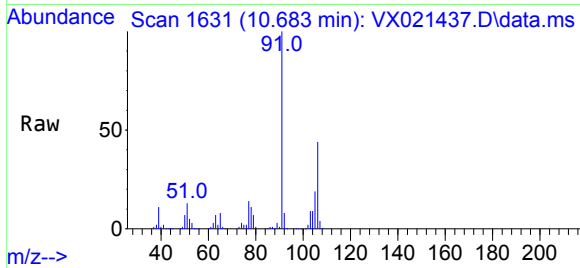




#69
o-Xylene
Concen: 23.53 ug/l
RT: 10.683 min Scan# 1631
Delta R.T. 0.001 min
Lab File: VX021437.D
Acq: 24 Mar 2021 15:50

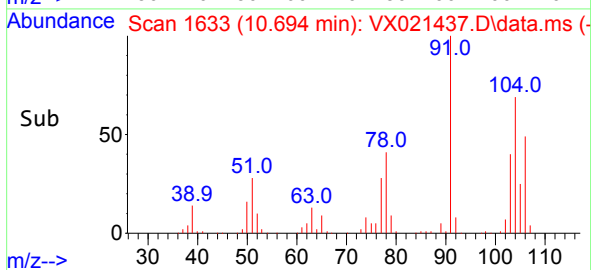
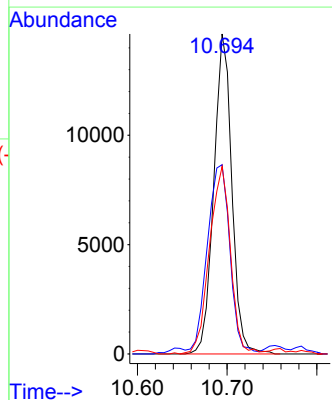
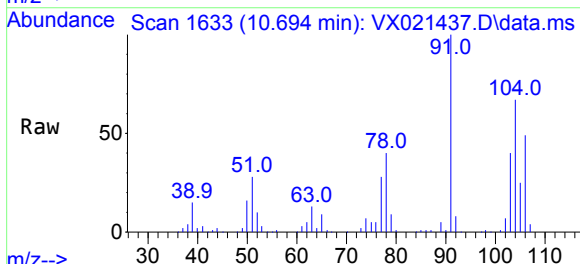
Instrument :
MSVOA_X
ClientSampleId :
COMP2-41720:23-41718

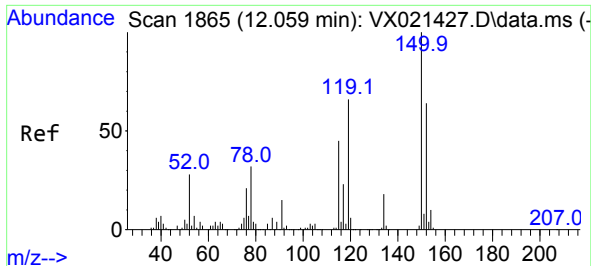
Tgt Ion:106 Resp: 36397
Ion Ratio Lower Upper
106 100
91 222.3 108.1 324.2



#70
Styrene
Concen: 7.67 ug/l
RT: 10.694 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VX021437.D
Acq: 24 Mar 2021 15:50

Tgt Ion:104 Resp: 20410
Ion Ratio Lower Upper
104 100
78 74.2 40.0 60.0#
103 68.5 43.4 65.0#

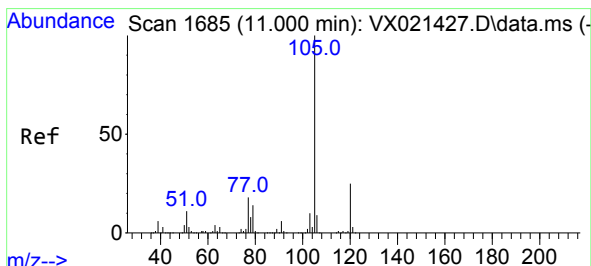
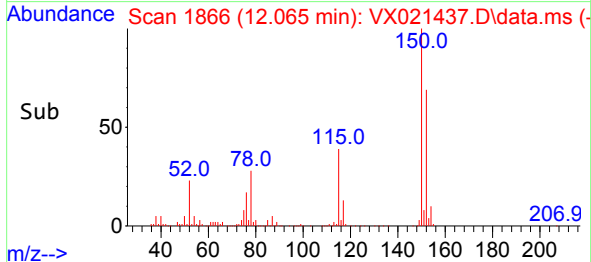
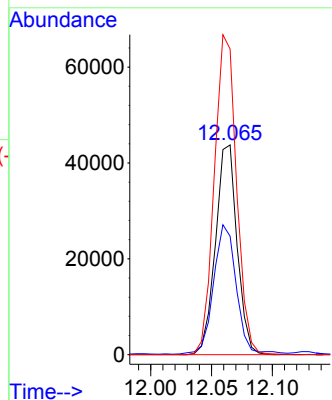
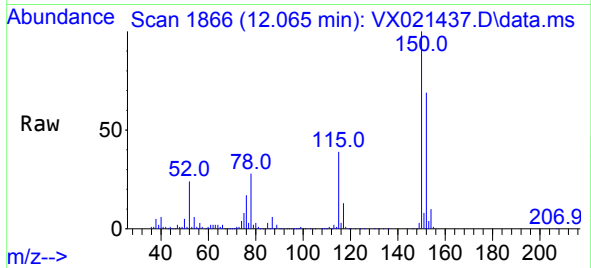




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VX021437.D
Acq: 24 Mar 2021 15:50

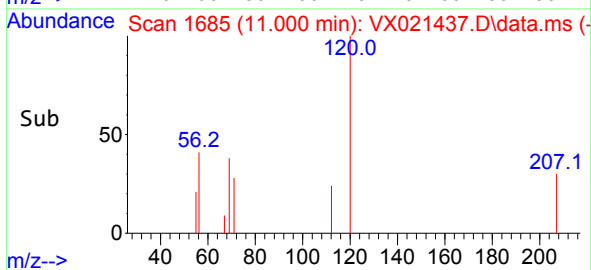
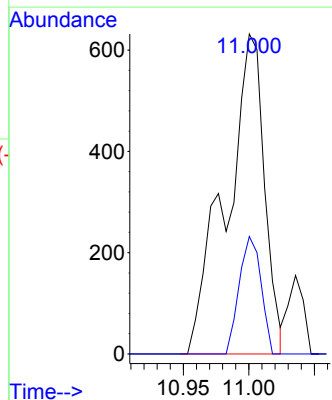
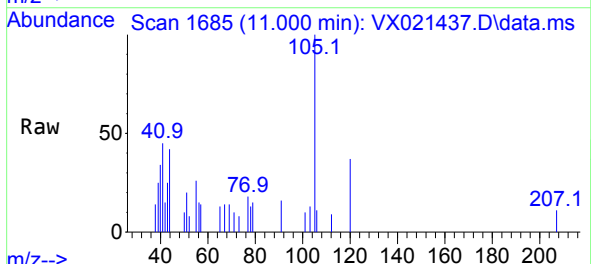
Instrument :
MSVOA_X
ClientSampleId :
COMP2-41720:23-41718

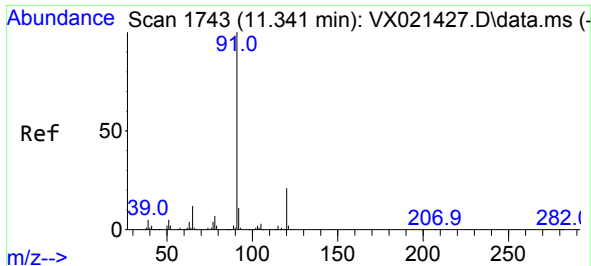
Tgt Ion:152 Resp: 54135
Ion Ratio Lower Upper
152 100
115 64.6 41.1 123.3
150 156.3 0.0 349.0



#73
Isopropylbenzene
Concen: 0.34 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX021437.D
Acq: 24 Mar 2021 15:50

Tgt Ion:105 Resp: 1284
Ion Ratio Lower Upper
105 100
120 20.9 13.2 39.6

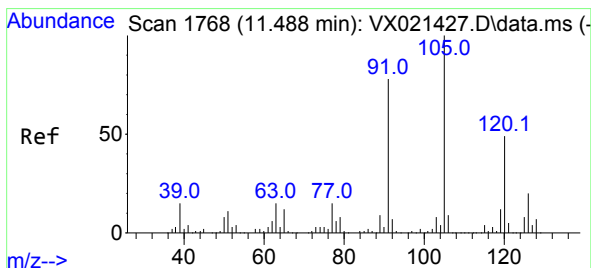
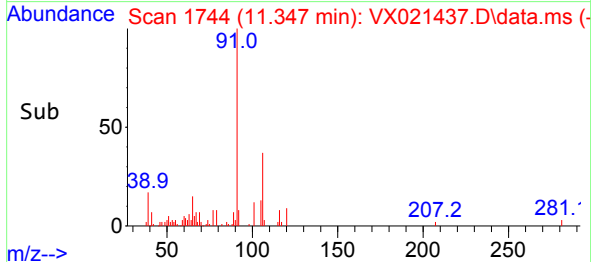
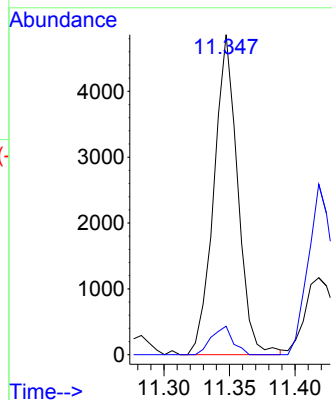
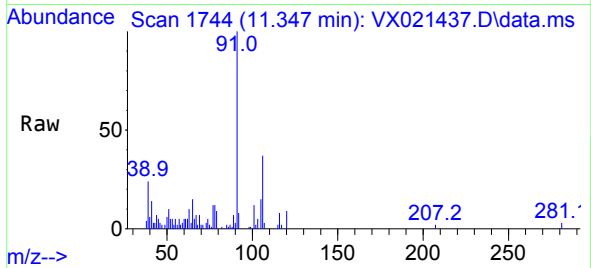




#78
n-propylbenzene
Concen: 1.36 ug/l
RT: 11.347 min Scan# 1744
Delta R.T. 0.006 min
Lab File: VX021437.D
Acq: 24 Mar 2021 15:50

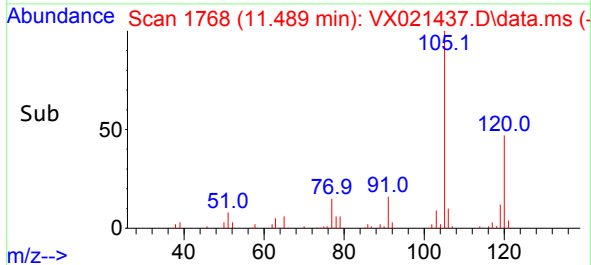
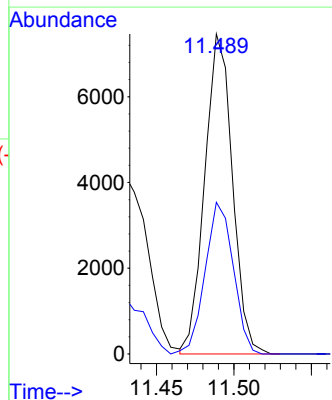
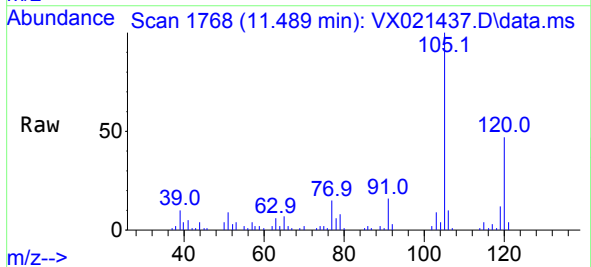
Instrument :
MSVOA_X
ClientSampleId :
COMP2-41720:23-41718

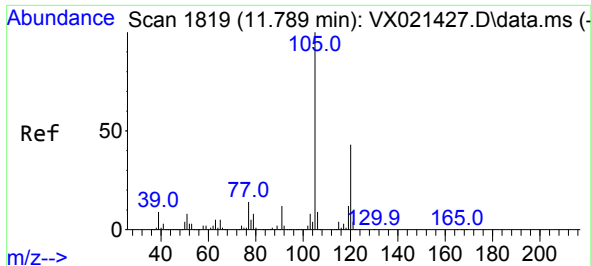
Tgt Ion: 91 Resp: 6127
Ion Ratio Lower Upper
91 100
120 8.0 11.5 34.5#



#80
1,3,5-Trimethylbenzene
Concen: 2.85 ug/l
RT: 11.489 min Scan# 1768
Delta R.T. 0.001 min
Lab File: VX021437.D
Acq: 24 Mar 2021 15:50

Tgt Ion: 105 Resp: 9266
Ion Ratio Lower Upper
105 100
120 48.2 23.8 71.5

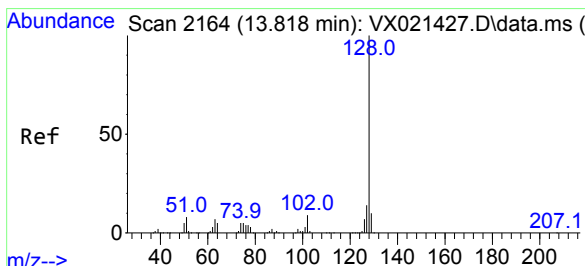
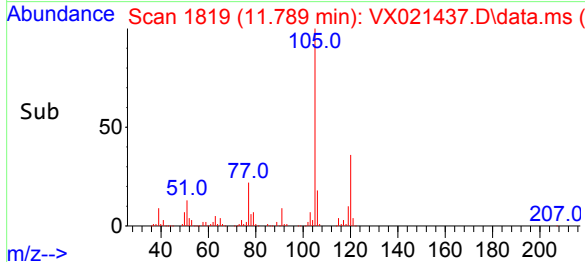
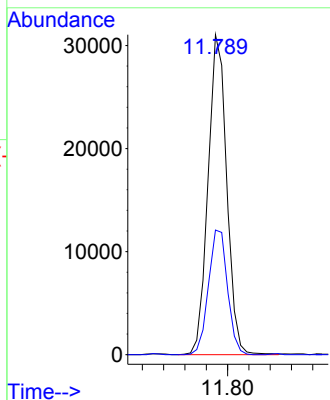
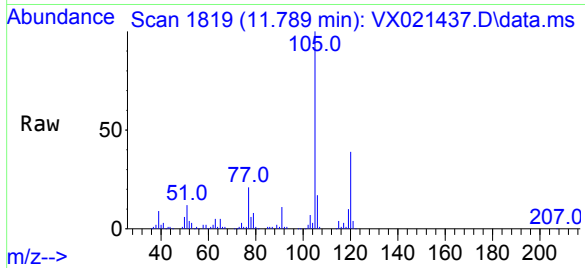




#84
1,2,4-Trimethylbenzene
Concen: 11.54 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VX021437.D
Acq: 24 Mar 2021 15:50

Instrument :
MSVOA_X
ClientSampleId :
COMP2-41720:23-41718

Tgt Ion:105 Resp: 37808
Ion Ratio Lower Upper
105 100
120 39.7 22.4 67.3



#95
Naphthalene
Concen: 88.44 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021437.D
Acq: 24 Mar 2021 15:50

Tgt Ion:128 Resp: 312094
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.8 13.2

