

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021211.D
 Acq On : 15 Mar 2021 19:41
 Operator : JC/MD
 Sample : M1647-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP4-41735-30780

Quant Time: Mar 16 03:05:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 15 11:55:59 2021
 Response via : Initial Calibration

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

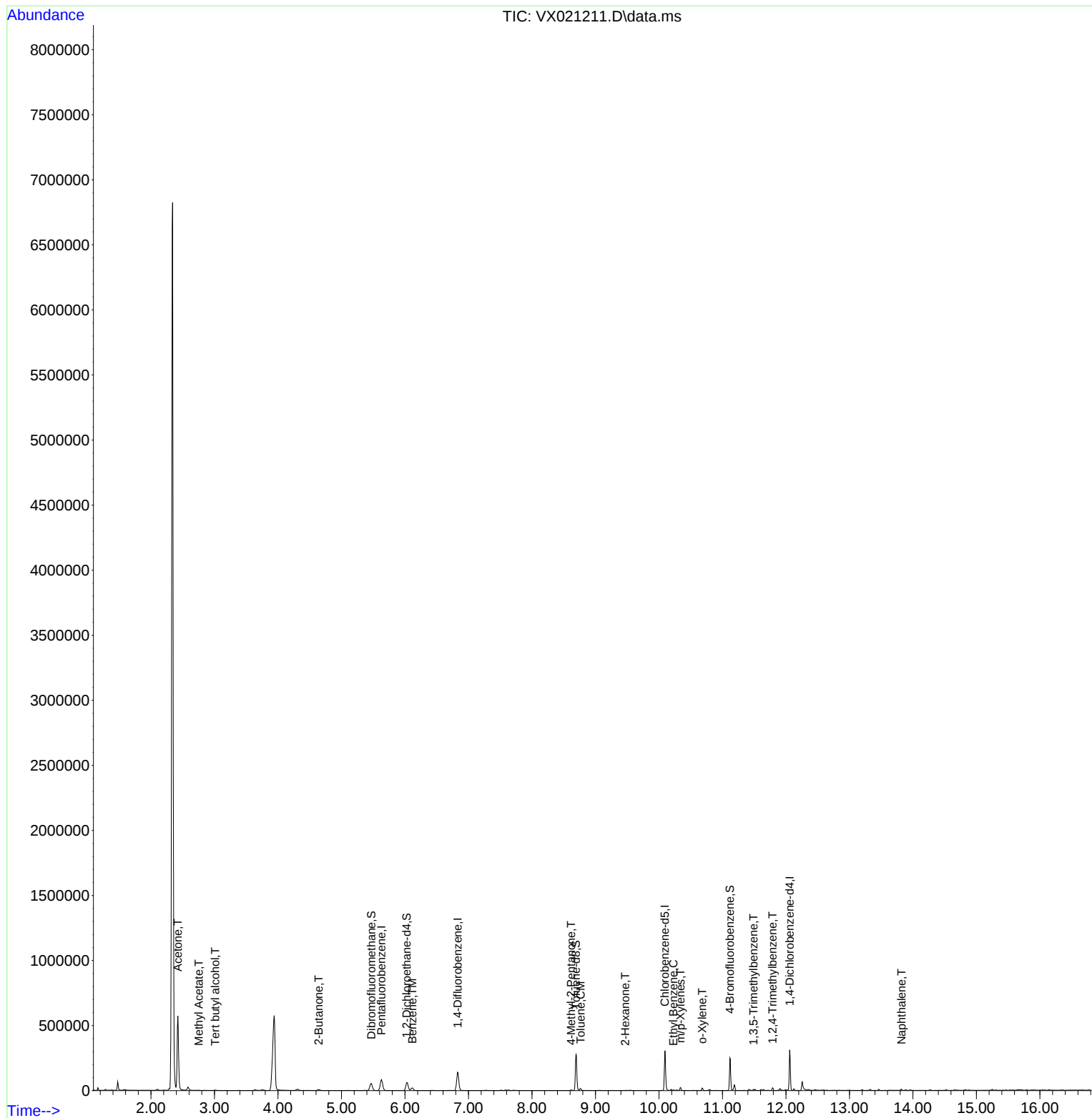
Internal Standards						
1) Pentafluorobenzene	5.629	168	70559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	130433	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	123367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	54872	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	61959	51.50	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.00%			
35) Dibromofluoromethane	5.470	113	45062	50.21	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.42%			
50) Toluene-d8	8.694	98	162311	50.35	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.70%			
62) 4-Bromofluorobenzene	11.118	95	64389	52.41	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.82%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.011	59	3143	15.00	ug/l #	86
16) Acetone	2.422	43	564016	1166.23	ug/l	89
18) Methyl Acetate	2.752	43	2438	2.08	ug/l #	89
25) 2-Butanone	4.640	43	11157	16.04	ug/l	89
40) Benzene	6.117	78	22889	5.99	ug/l	97
51) 4-Methyl-2-Pentanone	8.617	43	3352	2.33	ug/l	89
52) Toluene	8.764	92	5119	2.22	ug/l	98
59) 2-Hexanone	9.470	43	1306	1.20	ug/l	77
67) Ethyl Benzene	10.229	91	1945	0.41	ug/l	100
68) m/p-Xylenes	10.341	106	4793	2.82	ug/l	90
69) o-Xylene	10.682	106	3757	2.28	ug/l	89
80) 1,3,5-Trimethylbenzene	11.488	105	3574	1.00	ug/l	98
84) 1,2,4-Trimethylbenzene	11.788	105	8528	2.37	ug/l	95
95) Naphthalene	13.818	128	4911	2.64	ug/l #	95

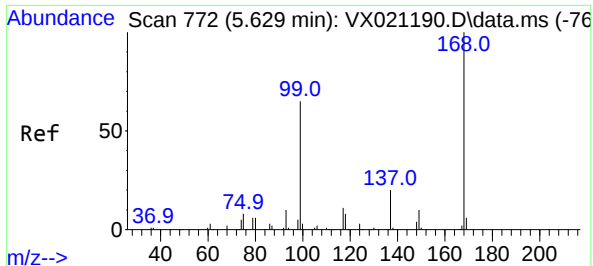
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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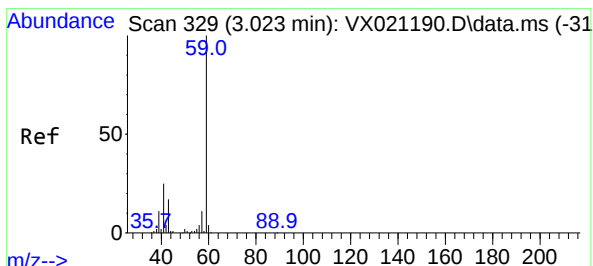
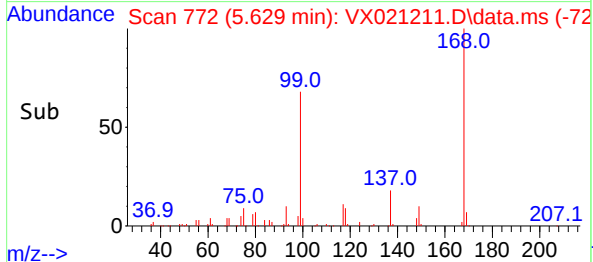
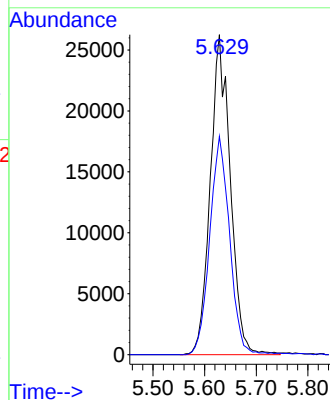
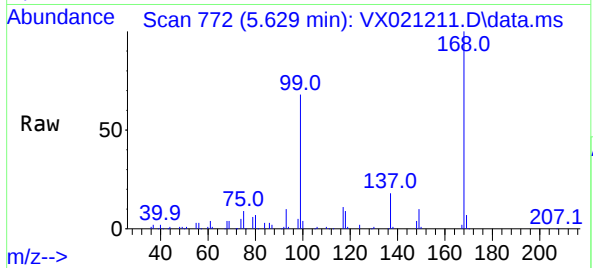




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021211.D
Acq: 15 Mar 2021 19:41

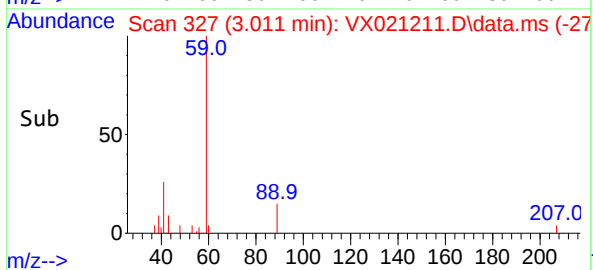
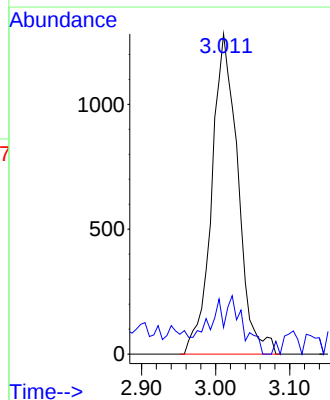
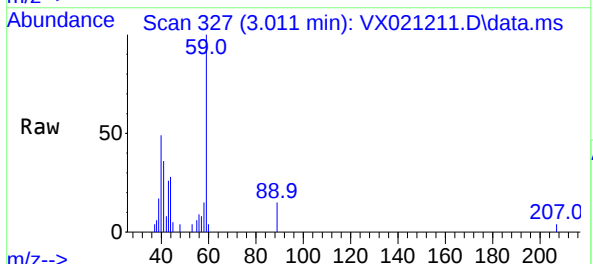
Instrument :
MSVOA_X
ClientSampleId :
COMP4-41735-30780

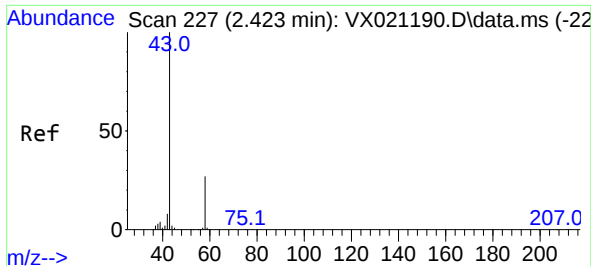
Tgt Ion:168 Resp: 70559
Ion Ratio Lower Upper
168 100
99 68.2 45.8 68.6



#11
Tert butyl alcohol
Concen: 15.00 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.006 min
Lab File: VX021211.D
Acq: 15 Mar 2021 19:41

Tgt Ion: 59 Resp: 3143
Ion Ratio Lower Upper
59 100
57 4.8 7.8 11.8#

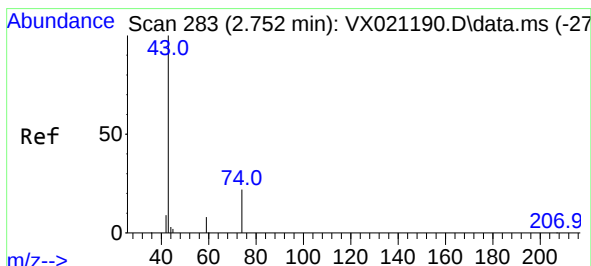
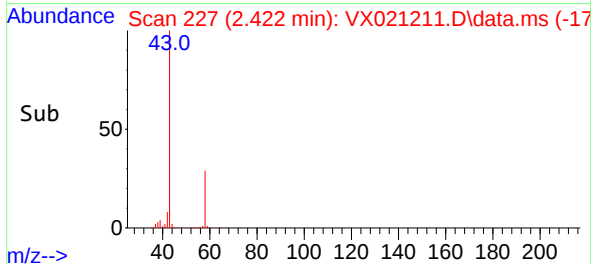
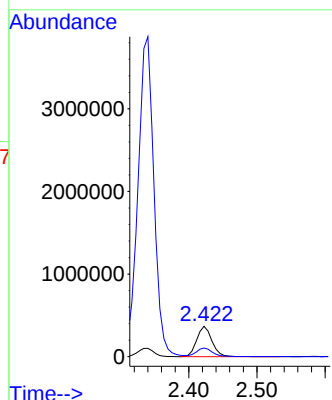
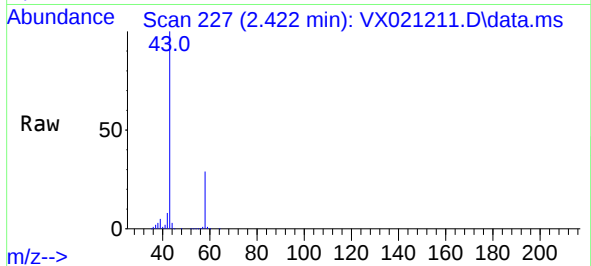




#16
Acetone
Concen: 1166.23 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021211.D
Acq: 15 Mar 2021 19:41

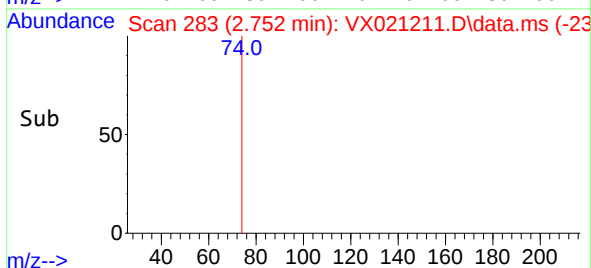
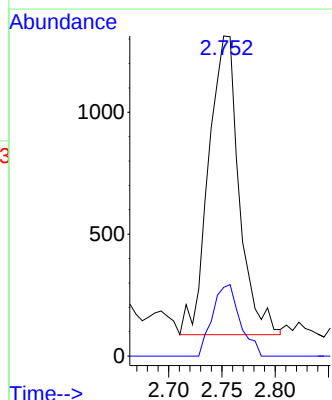
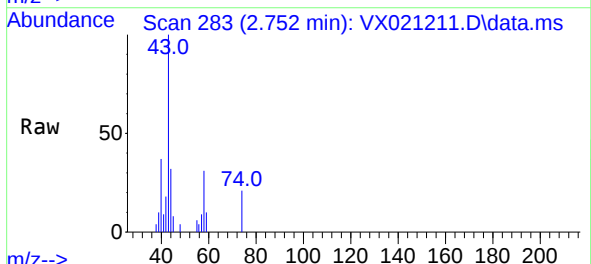
Instrument :
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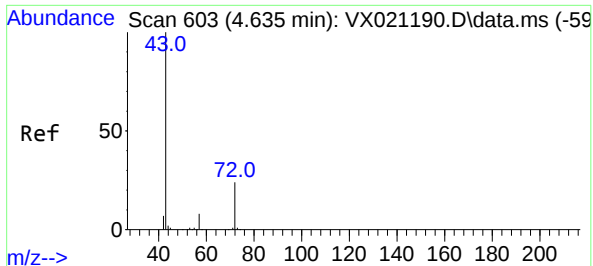
Tgt Ion: 43 Resp: 564016
Ion Ratio Lower Upper
43 100
58 28.3 27.8 41.8



#18
Methyl Acetate
Concen: 2.08 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021211.D
Acq: 15 Mar 2021 19:41

Tgt Ion: 43 Resp: 2438
Ion Ratio Lower Upper
43 100
74 21.5 21.9 32.9#

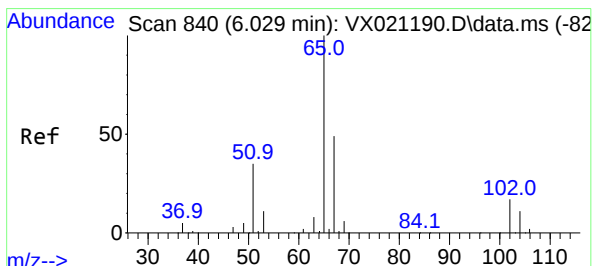
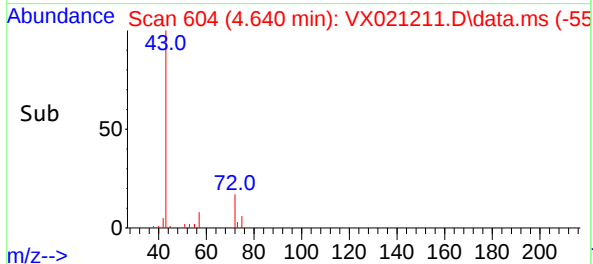
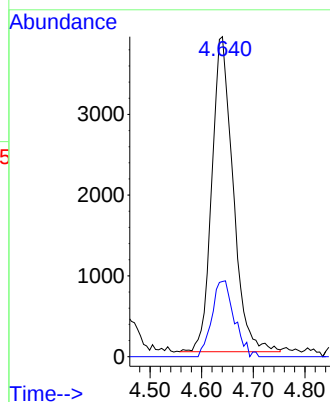
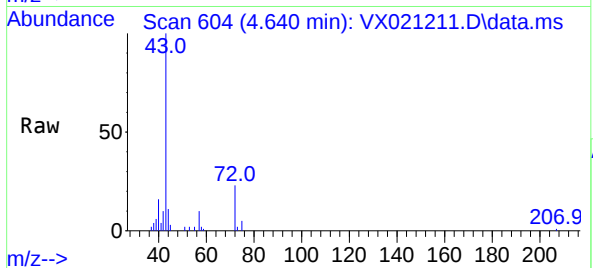




#25
2-Butanone
Concen: 16.04 ug/l
RT: 4.640 min Scan# 604
Delta R.T. 0.005 min
Lab File: VX021211.D
Acq: 15 Mar 2021 19:41

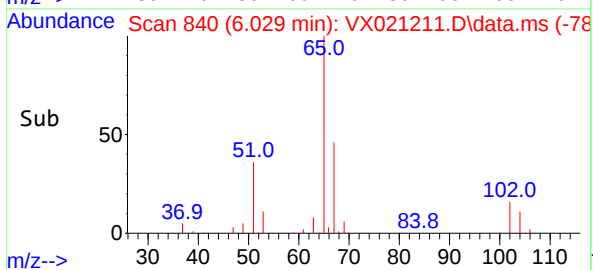
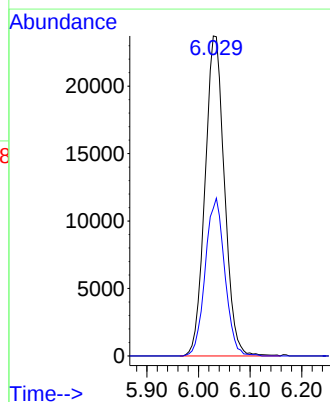
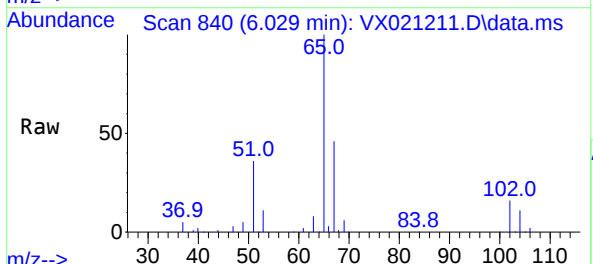
Instrument :
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ClientSampleId :
COMP4-41735-30780

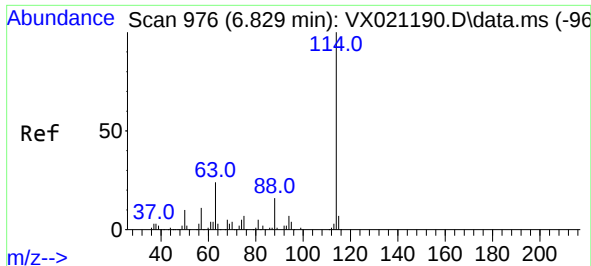
Tgt Ion: 43 Resp: 11157
Ion Ratio Lower Upper
43 100
72 23.9 23.7 35.5



#33
1,2-Dichloroethane-d4
Concen: 51.50 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021211.D
Acq: 15 Mar 2021 19:41

Tgt Ion: 65 Resp: 61959
Ion Ratio Lower Upper
65 100
67 49.4 0.0 105.4

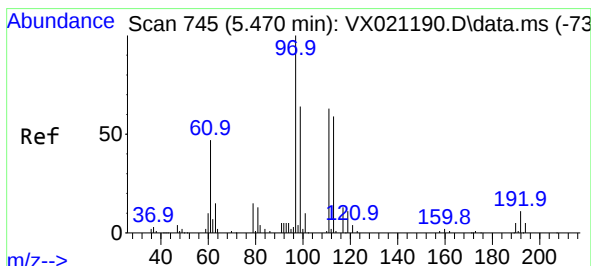
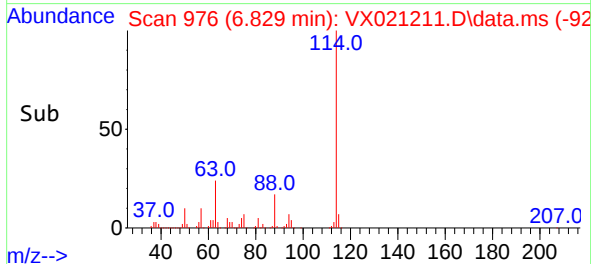
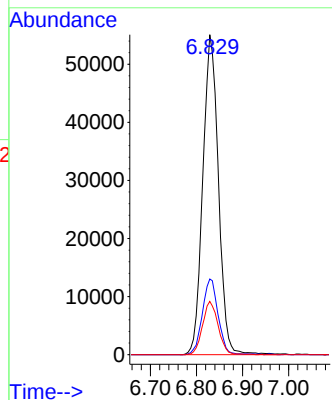
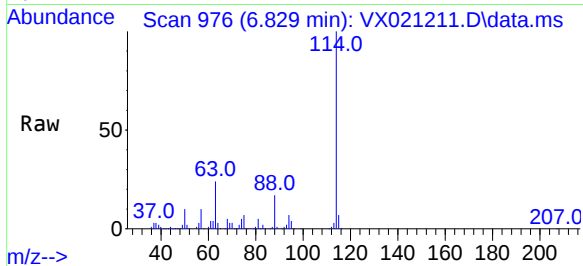




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021211.D
Acq: 15 Mar 2021 19:41

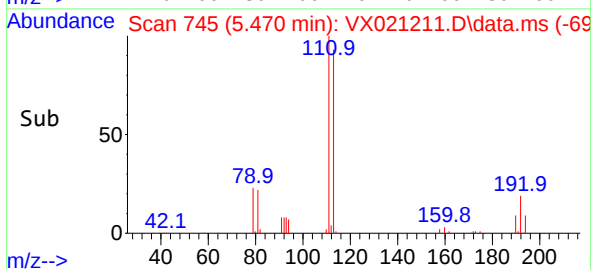
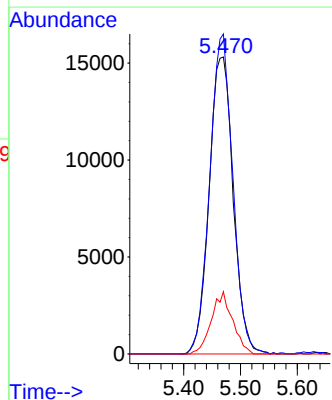
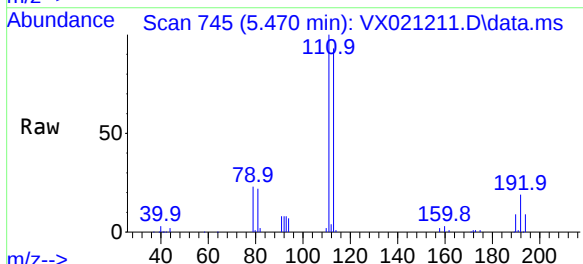
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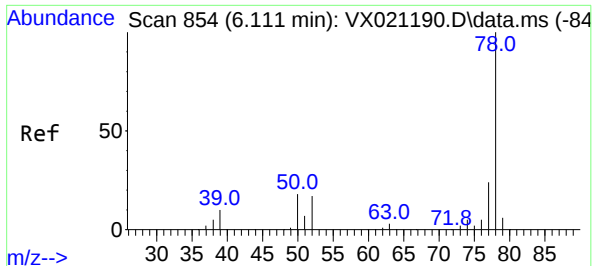
Tgt Ion:114 Resp: 130433
Ion Ratio Lower Upper
114 100
63 23.6 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.21 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.005 min
Lab File: VX021211.D
Acq: 15 Mar 2021 19:41

Tgt Ion:113 Resp: 45062
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 18.5 16.7 25.1

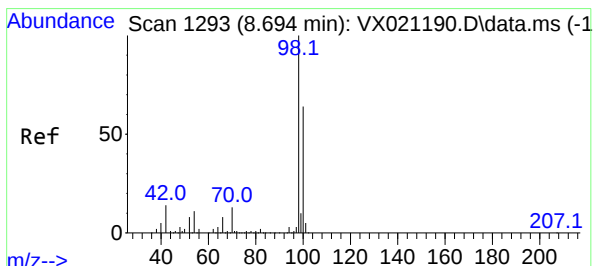
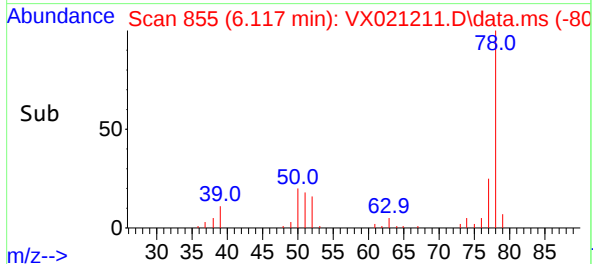
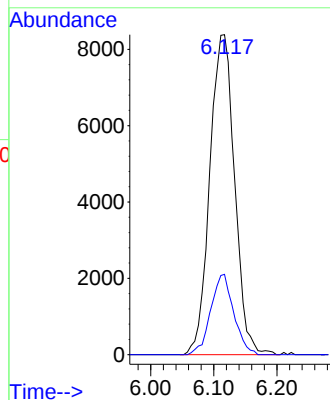
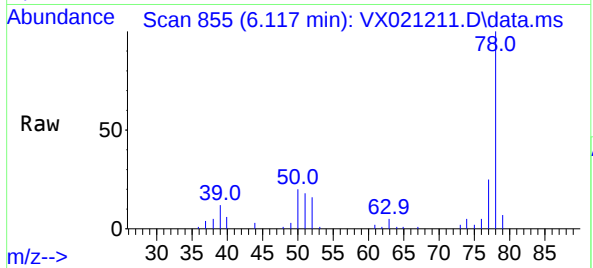




#40
Benzene
Concen: 5.99 ug/l
RT: 6.117 min Scan# 855
Delta R.T. 0.005 min
Lab File: VX021211.D
Acq: 15 Mar 2021 19:41

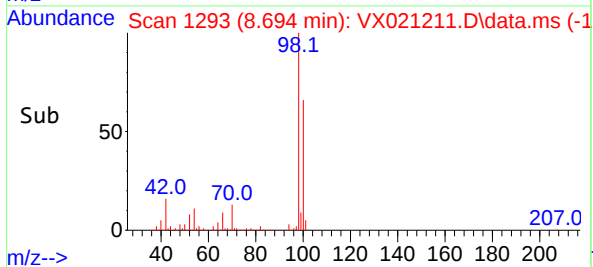
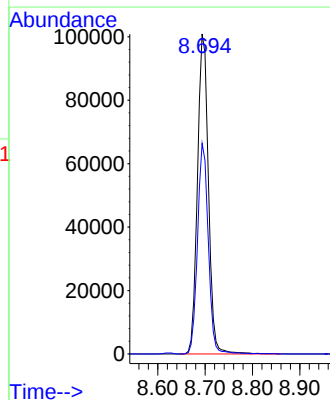
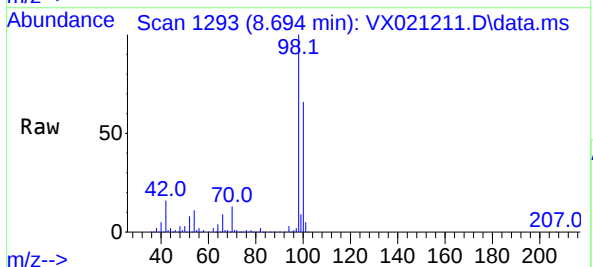
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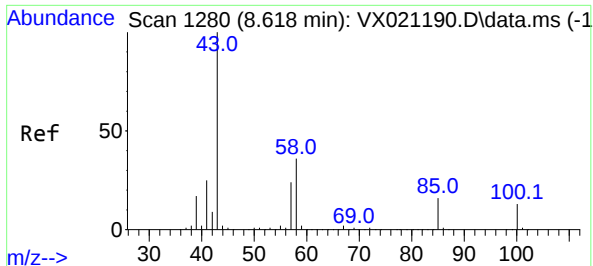
Tgt Ion: 78 Resp: 22889
Ion Ratio Lower Upper
78 100
77 25.1 18.9 28.3



#50
Toluene-d8
Concen: 50.35 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021211.D
Acq: 15 Mar 2021 19:41

Tgt Ion: 98 Resp: 162311
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

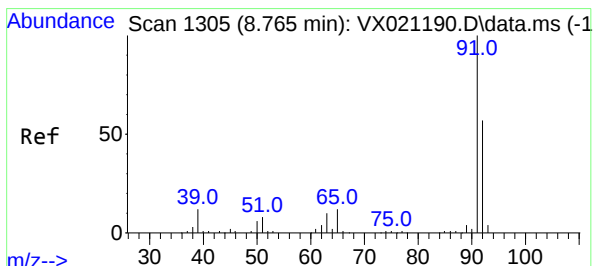
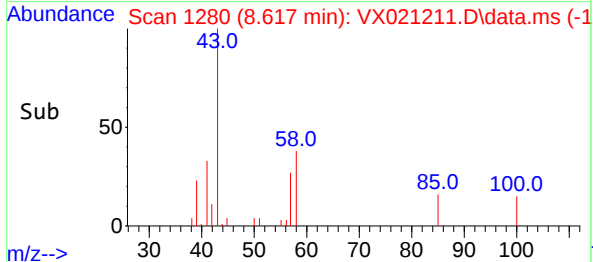
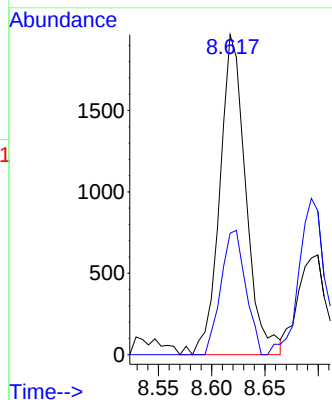
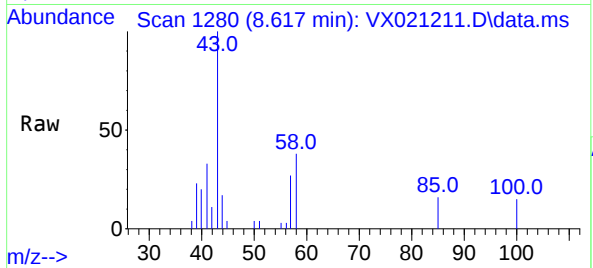




#51
4-Methyl-2-Pentanone
Concen: 2.33 ug/l
RT: 8.617 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VX021211.D
Acq: 15 Mar 2021 19:41

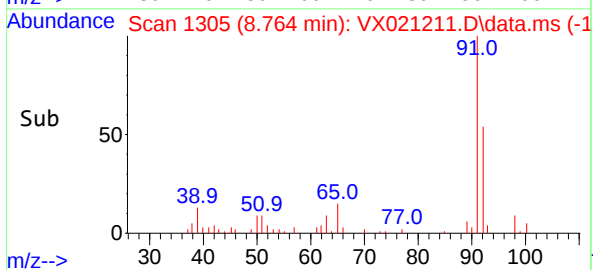
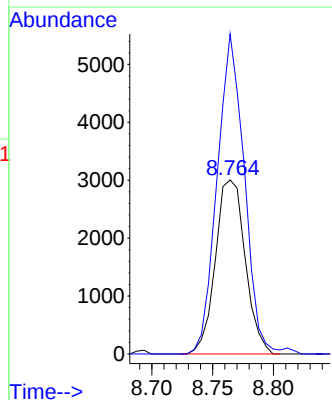
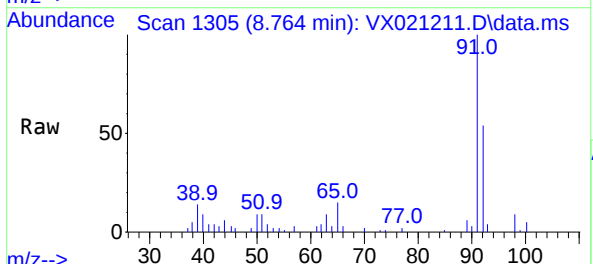
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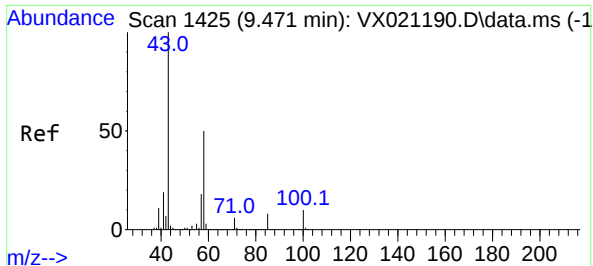
Tgt Ion: 43 Resp: 3352
Ion Ratio Lower Upper
43 100
58 36.8 35.4 53.0



#52
Toluene
Concen: 2.22 ug/l
RT: 8.764 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021211.D
Acq: 15 Mar 2021 19:41

Tgt Ion: 92 Resp: 5119
Ion Ratio Lower Upper
92 100
91 168.2 137.1 205.7

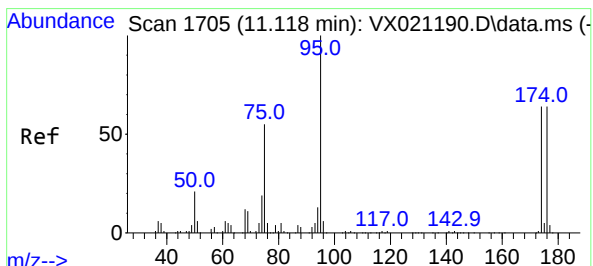
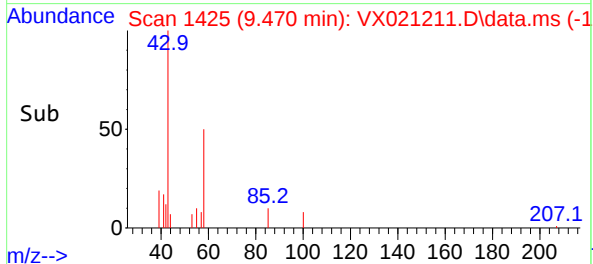
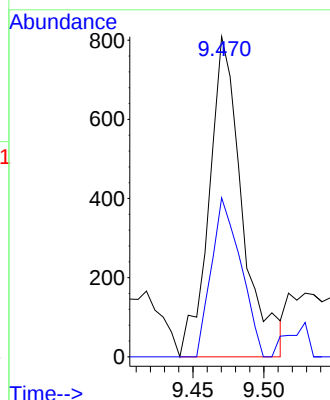
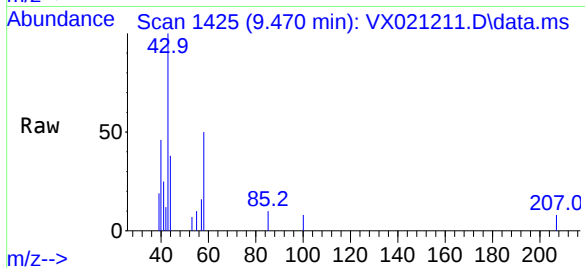




#59
2-Hexanone
Concen: 1.20 ug/l
RT: 9.470 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VX021211.D
Acq: 15 Mar 2021 19:41

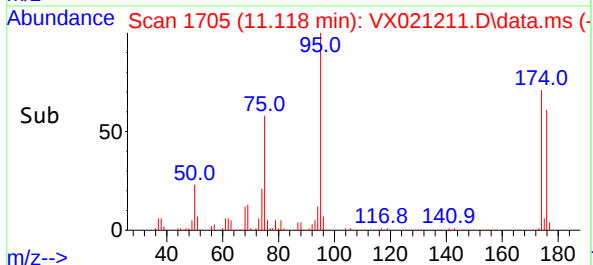
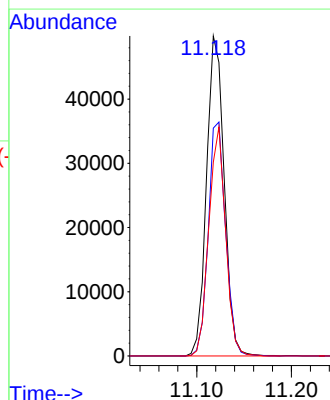
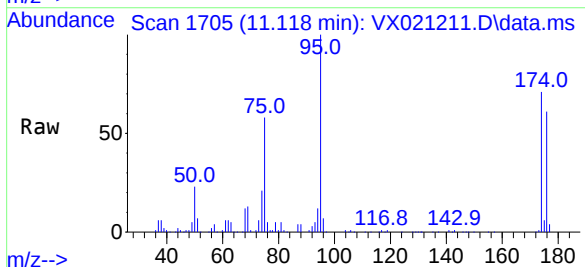
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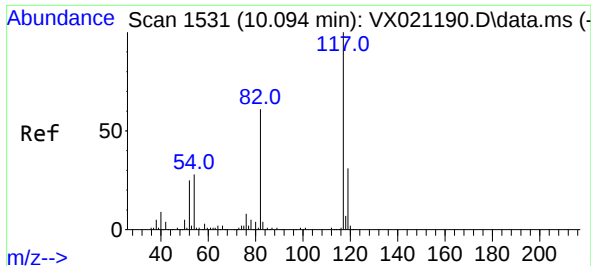
Tgt Ion: 43 Resp: 1306
Ion Ratio Lower Upper
43 100
58 44.2 30.9 92.8



#62
4-Bromofluorobenzene
Concen: 52.41 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021211.D
Acq: 15 Mar 2021 19:41

Tgt Ion: 95 Resp: 64389
Ion Ratio Lower Upper
95 100
174 71.9 0.0 154.6
176 68.2 0.0 155.8

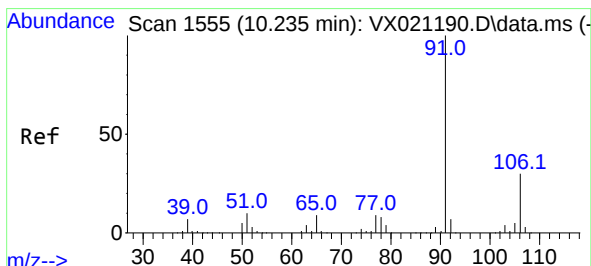
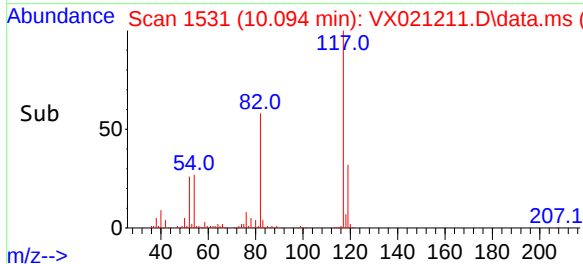
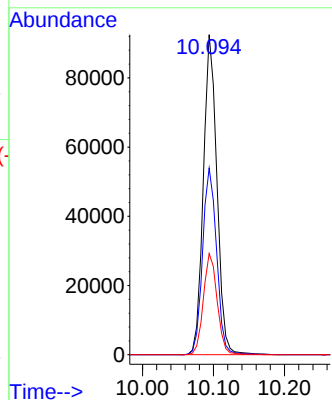
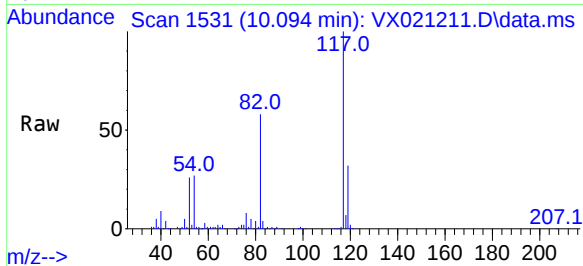




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021211.D
Acq: 15 Mar 2021 19:41

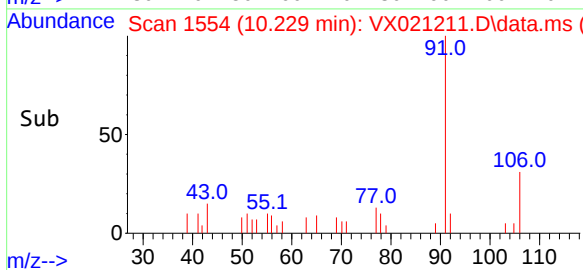
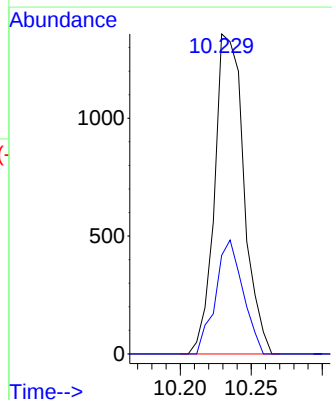
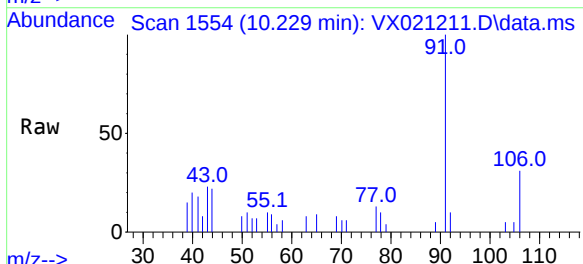
Instrument :
MSVOA_X
ClientSampleId :
COMP4-41735-30780

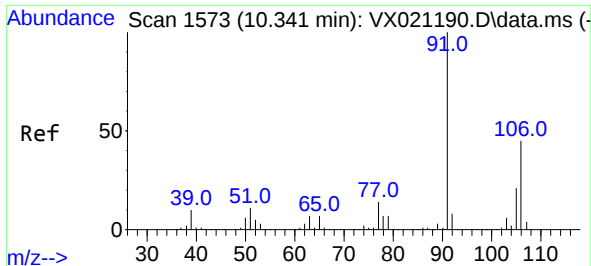
Tgt Ion:	117	Resp:	123367
Ion	Ratio	Lower	Upper
117	100		
82	58.3	47.4	71.2
119	31.6	26.6	39.8



#67
Ethyl Benzene
Concen: 0.41 ug/l
RT: 10.229 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VX021211.D
Acq: 15 Mar 2021 19:41

Tgt Ion:	91	Resp:	1945
Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.6	37.0

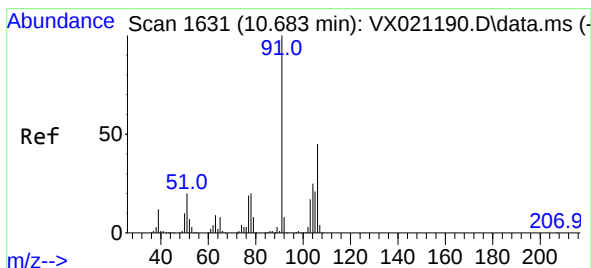
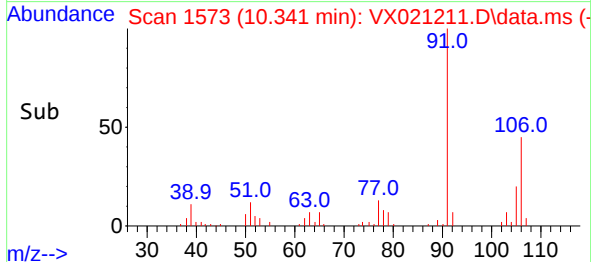
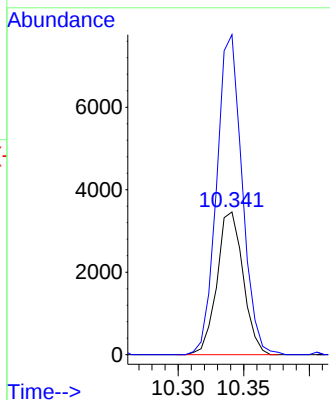
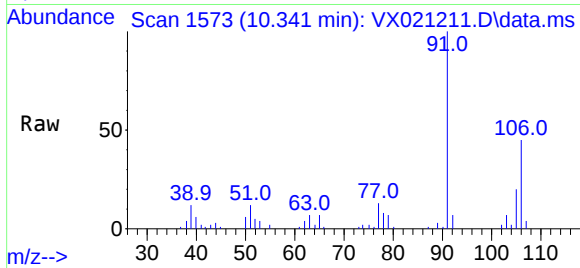




#68
m/p-Xylenes
Concen: 2.82 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. -0.000 min
Lab File: VX021211.D
Acq: 15 Mar 2021 19:41

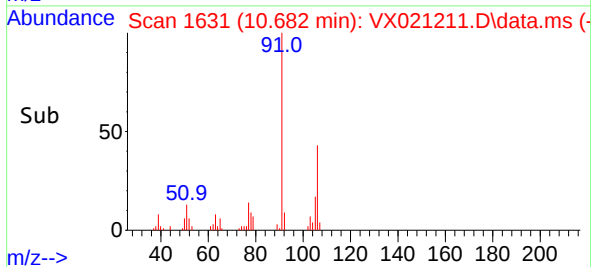
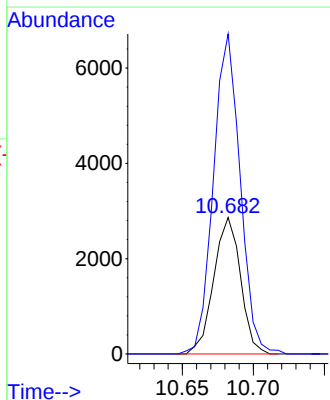
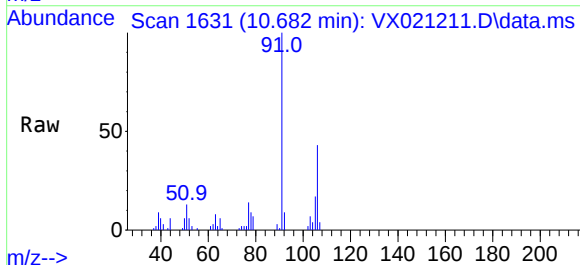
Instrument :
MSVOA_X
ClientSampleId :
COMP4-41735-30780

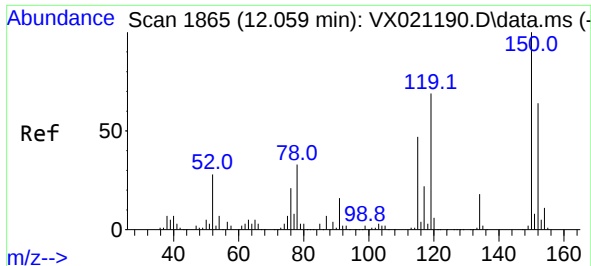
Tgt Ion:106 Resp: 4793
Ion Ratio Lower Upper
106 100
91 218.6 162.8 244.2



#69
o-Xylene
Concen: 2.28 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. -0.001 min
Lab File: VX021211.D
Acq: 15 Mar 2021 19:41

Tgt Ion:106 Resp: 3757
Ion Ratio Lower Upper
106 100
91 234.0 108.1 324.2

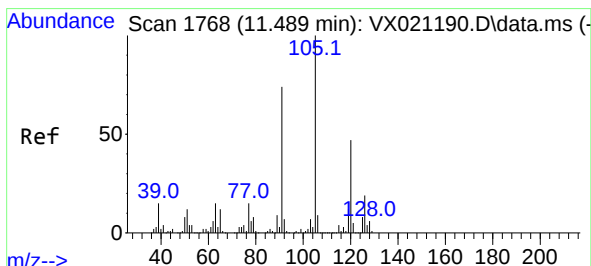
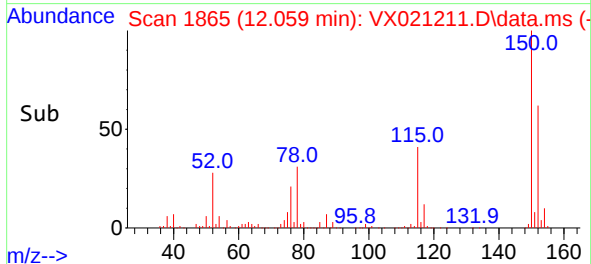
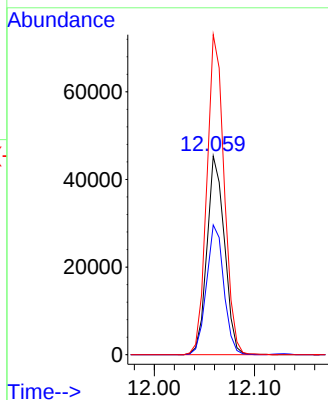
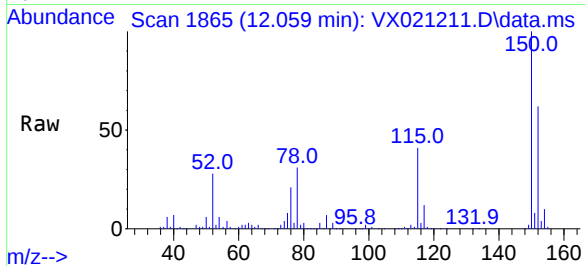




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021211.D
Acq: 15 Mar 2021 19:41

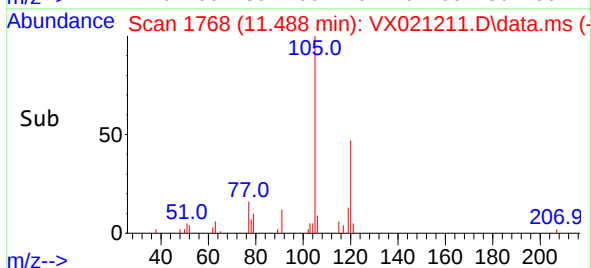
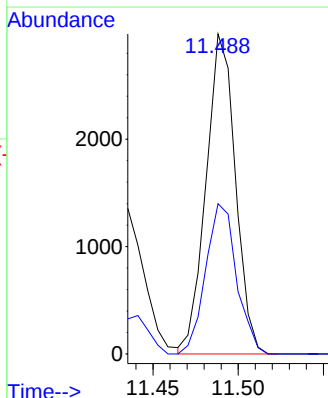
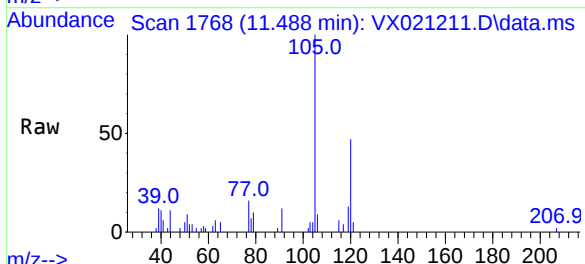
Instrument :
MSVOA_X
ClientSampleId :
COMP4-41735-30780

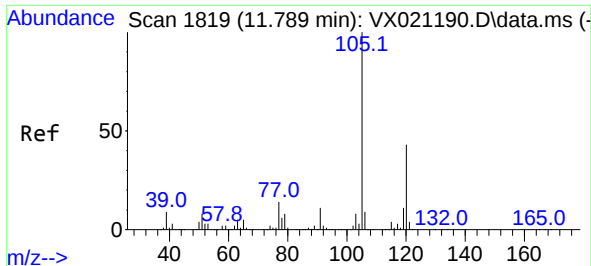
Tgt Ion:152 Resp: 54872
Ion Ratio Lower Upper
152 100
115 64.9 41.1 123.3
150 159.6 0.0 349.0



#80
1,3,5-Trimethylbenzene
Concen: 1.00 ug/l
RT: 11.488 min Scan# 1768
Delta R.T. -0.000 min
Lab File: VX021211.D
Acq: 15 Mar 2021 19:41

Tgt Ion:105 Resp: 3574
Ion Ratio Lower Upper
105 100
120 49.4 23.8 71.5

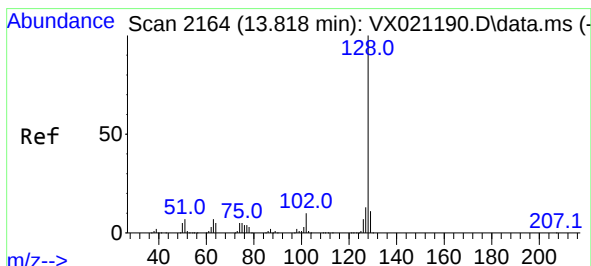
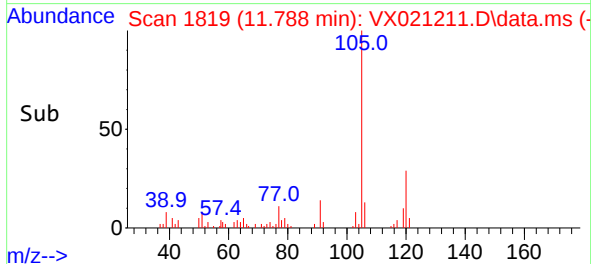
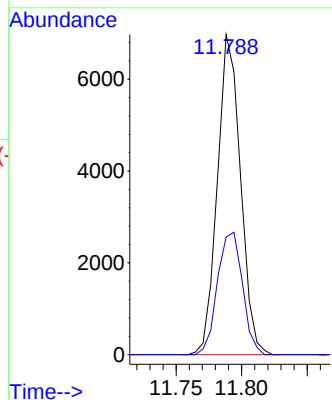
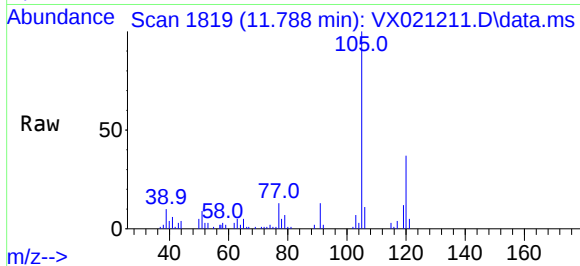




#84
1,2,4-Trimethylbenzene
Concen: 2.37 ug/l
RT: 11.788 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VX021211.D
Acq: 15 Mar 2021 19:41

Instrument :
MSVOA_X
ClientSampleId :
COMP4-41735-30780

Tgt Ion:105 Resp: 8528
Ion Ratio Lower Upper
105 100
120 41.4 22.4 67.3



#95
Naphthalene
Concen: 2.64 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. -0.000 min
Lab File: VX021211.D
Acq: 15 Mar 2021 19:41

Tgt Ion:128 Resp: 4911
Ion Ratio Lower Upper
128 100
127 16.1 10.3 15.5#
129 11.5 8.8 13.2

