

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012721\
 Data File : VX020775.D
 Acq On : 27 Jan 2021 17:14
 Operator : JC/SP
 Sample : M1189-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 411087

Quant Time: Jan 28 00:45:24 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

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

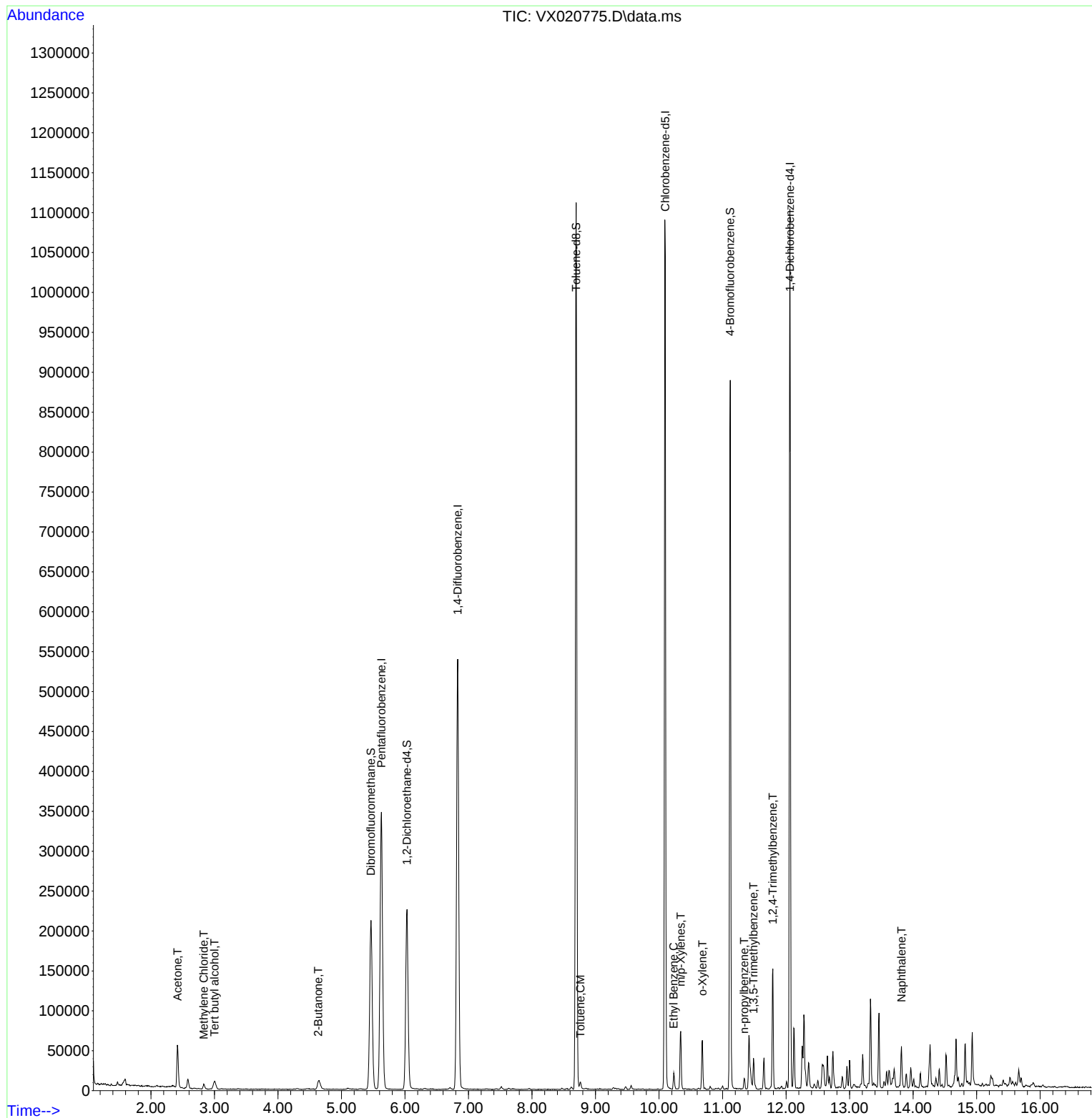
Internal Standards						
1) Pentafluorobenzene	5.629	168	319297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	553780	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	514621	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	224953	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	215472	49.48	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.96%
35) Dibromofluoromethane	5.464	113	185370	48.87	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.74%
50) Toluene-d8	8.696	98	669422	48.14	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.28%
62) 4-Bromofluorobenzene	11.122	95	244152	45.21	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.42%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.001	59	10008	12.31	ug/l	95
16) Acetone	2.416	43	56015	33.92	ug/l	98
20) Methylene Chloride	2.831	84	2628	0.63	ug/l #	96
25) 2-Butanone	4.635	43	15857	6.13	ug/l	91
52) Toluene	8.763	92	2134	0.21	ug/l	82
67) Ethyl Benzene	10.232	91	10351	0.54	ug/l	98
68) m/p-Xylenes	10.342	106	17754	2.47	ug/l	100
69) o-Xylene	10.683	106	13135	1.94	ug/l	93
78) n-propylbenzene	11.341	91	7416	0.40	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	16402	1.18	ug/l	98
84) 1,2,4-Trimethylbenzene	11.793	105	66397	4.74	ug/l	99
95) Naphthalene	13.817	128	31088	4.57	ug/l	97

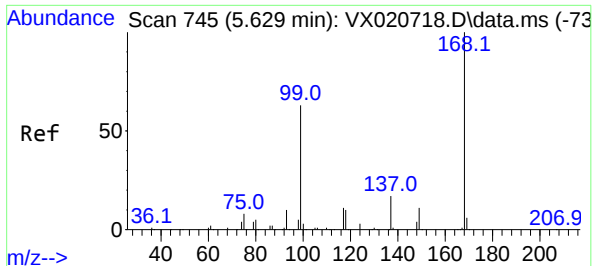
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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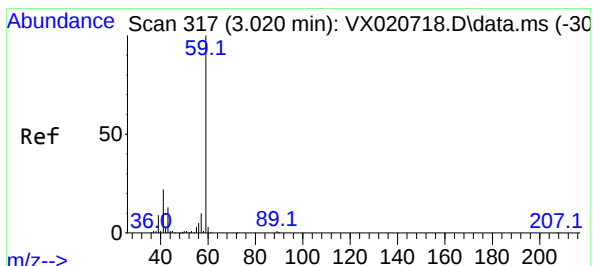
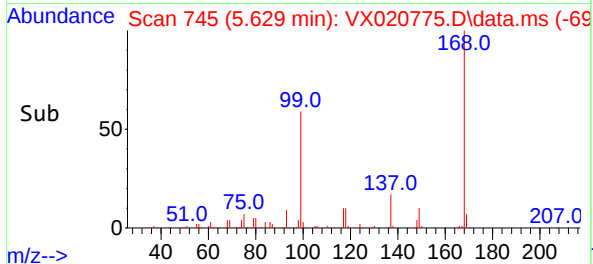
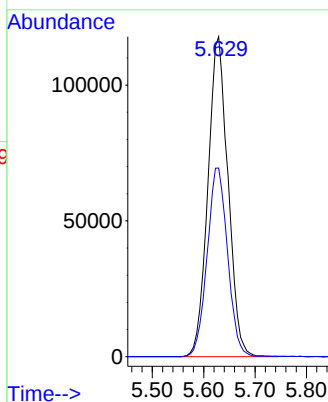
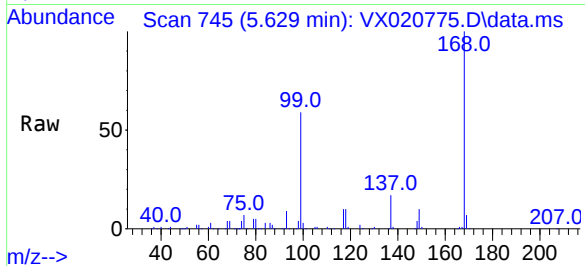




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020775.D
Acq: 27 Jan 2021 17:14

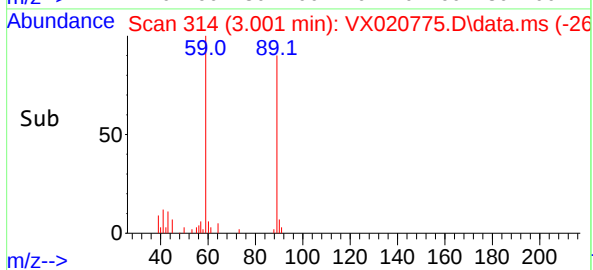
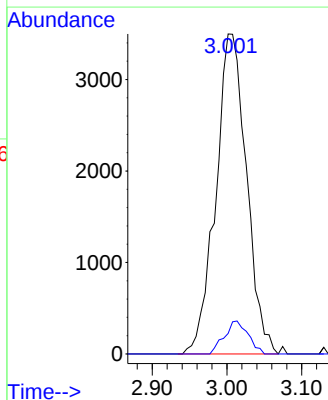
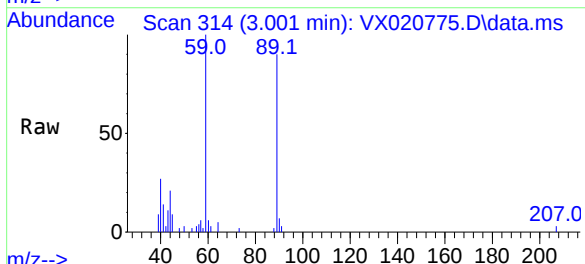
Instrument :
MSVOA_X
ClientSampleId :
411087

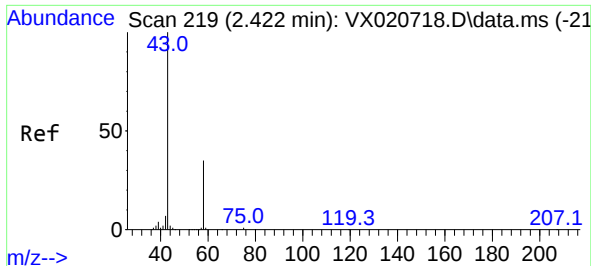
Tgt Ion:168 Resp: 319297
Ion Ratio Lower Upper
168 100
99 59.0 45.8 68.6



#11
Tert butyl alcohol
Concen: 12.31 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.019 min
Lab File: VX020775.D
Acq: 27 Jan 2021 17:14

Tgt Ion: 59 Resp: 10008
Ion Ratio Lower Upper
59 100
57 7.9 7.8 11.8

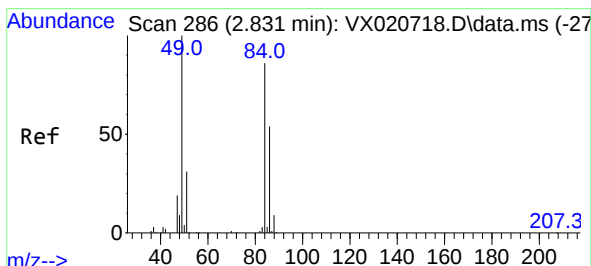
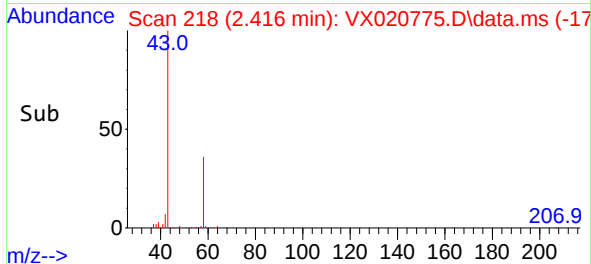
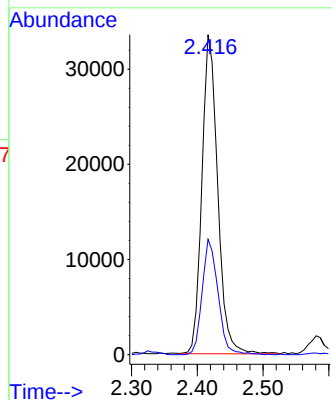
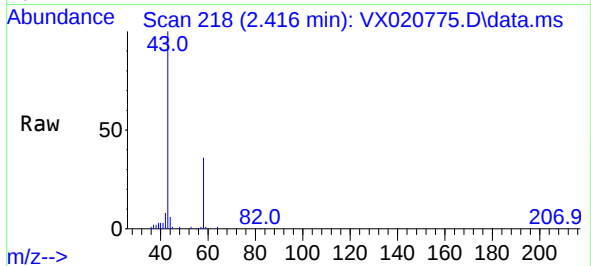




#16
Acetone
Concen: 33.92 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020775.D
Acq: 27 Jan 2021 17:14

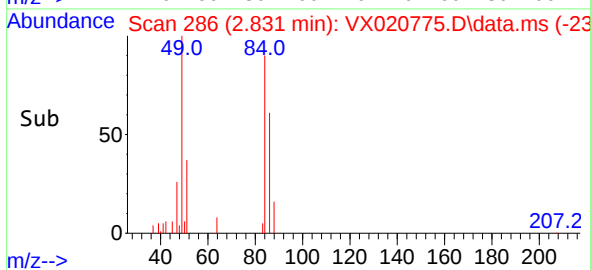
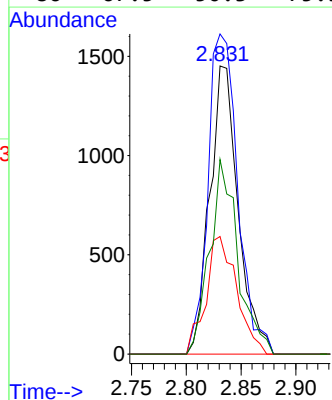
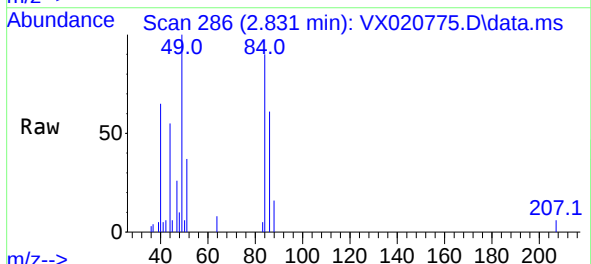
Instrument :
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ClientSampleId :
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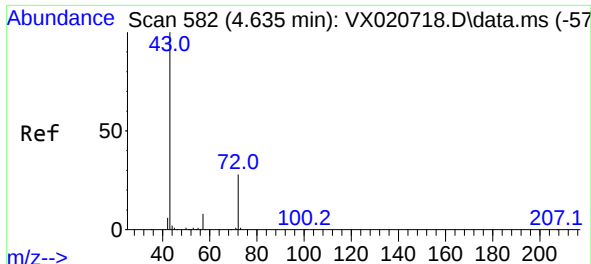
Tgt Ion: 43 Resp: 56015
Ion Ratio Lower Upper
43 100
58 36.2 27.8 41.8



#20
Methylene Chloride
Concen: 0.63 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020775.D
Acq: 27 Jan 2021 17:14

Tgt Ion: 84 Resp: 2628
Ion Ratio Lower Upper
84 100
49 111.1 88.6 132.8
51 40.8 27.0 40.6#
86 67.5 50.3 75.5

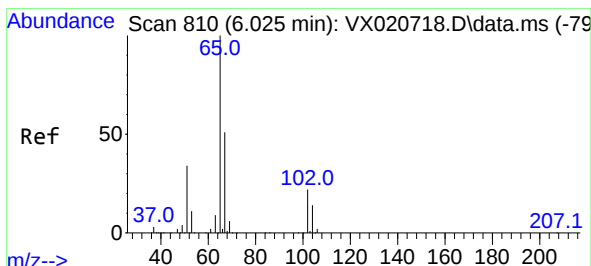
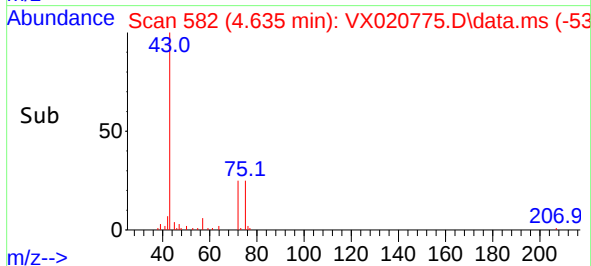
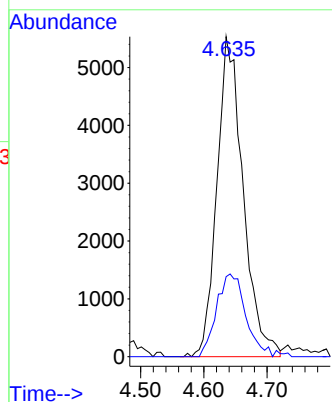
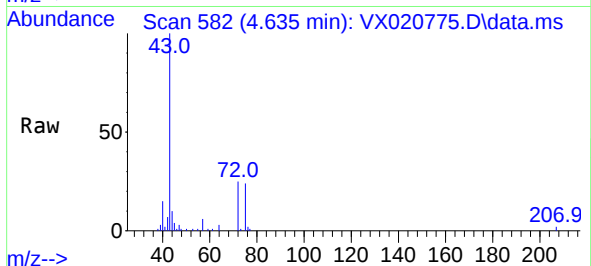




#25
2-Butanone
Concen: 6.13 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.000 min
Lab File: VX020775.D
Acq: 27 Jan 2021 17:14

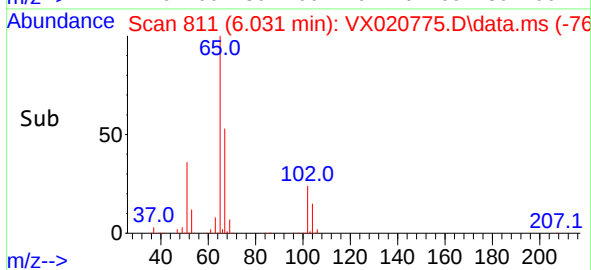
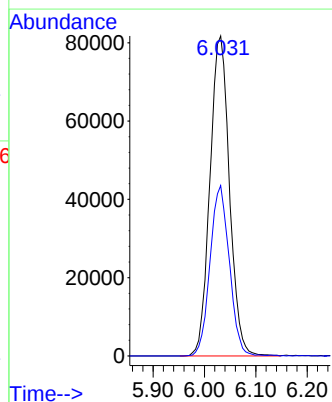
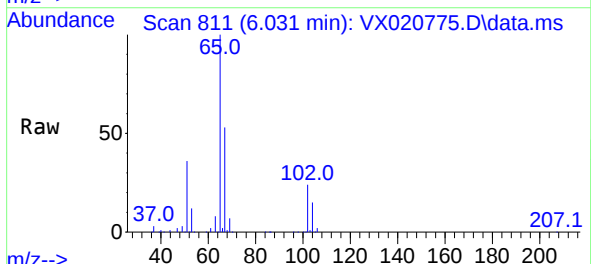
Instrument :
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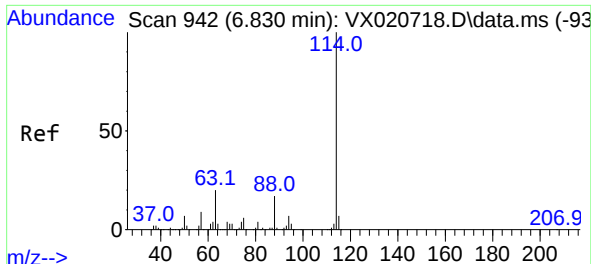
Tgt Ion: 43 Resp: 15857
Ion Ratio Lower Upper
43 100
72 25.0 23.7 35.5



#33
1,2-Dichloroethane-d4
Concen: 49.48 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020775.D
Acq: 27 Jan 2021 17:14

Tgt Ion: 65 Resp: 215472
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.000 min

Lab File: VX020775.D

Acq: 27 Jan 2021 17:14

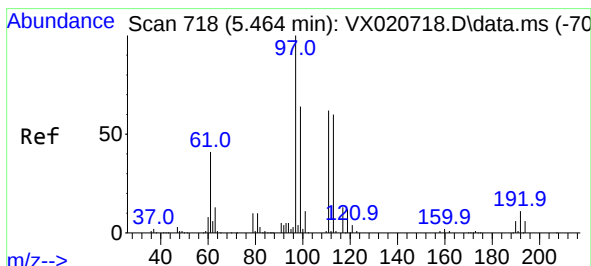
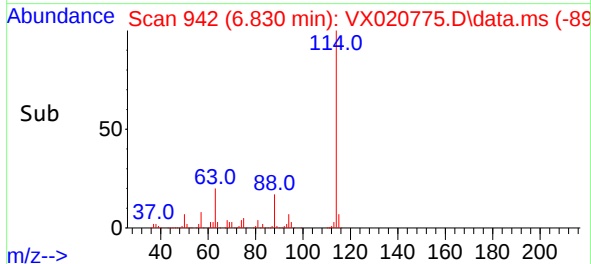
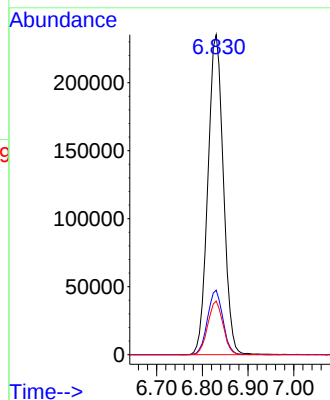
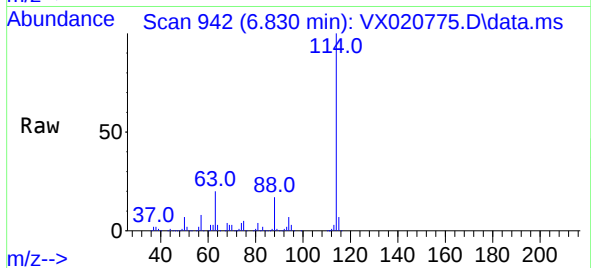
Tgt Ion:114 Resp: 553780

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

88 16.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 48.87 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX020775.D

Acq: 27 Jan 2021 17:14

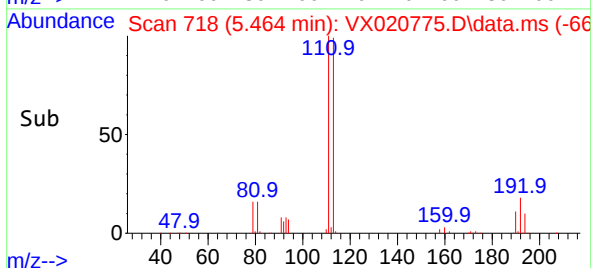
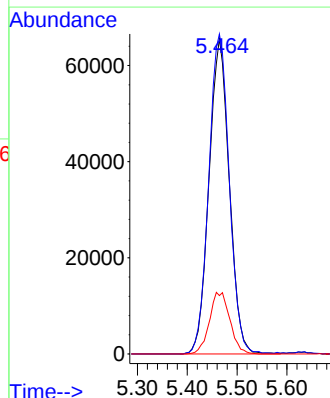
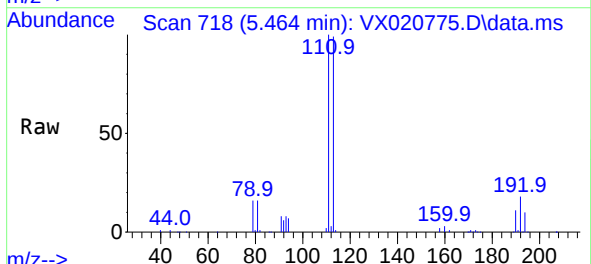
Tgt Ion:113 Resp: 185370

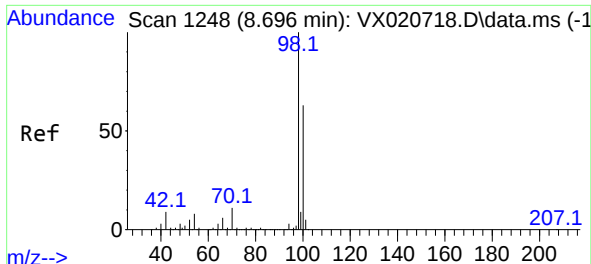
Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

192 19.7 16.7 25.1

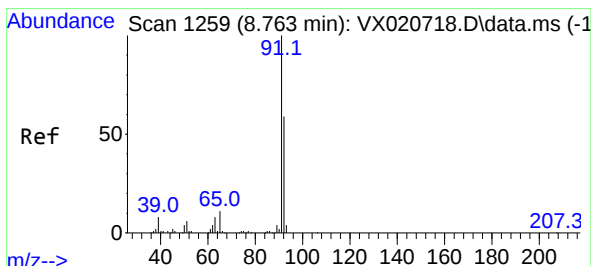
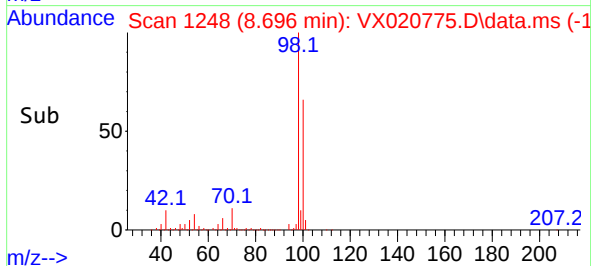
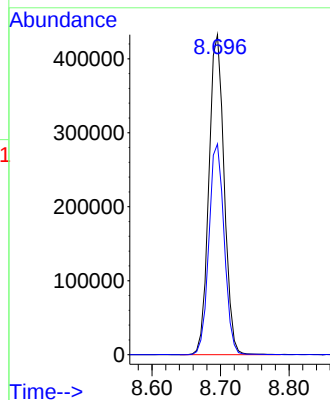
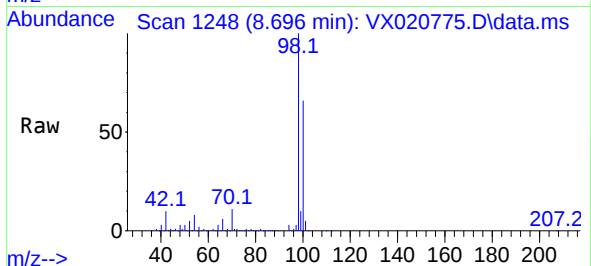




#50
Toluene-d8
Concen: 48.14 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020775.D
Acq: 27 Jan 2021 17:14

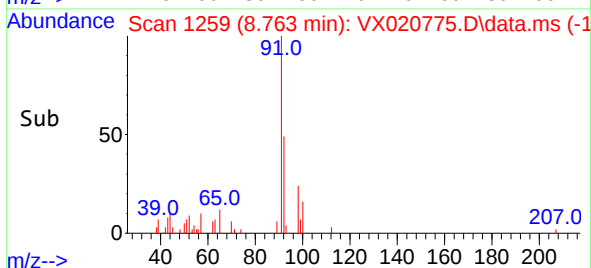
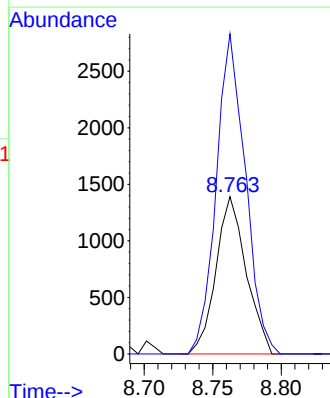
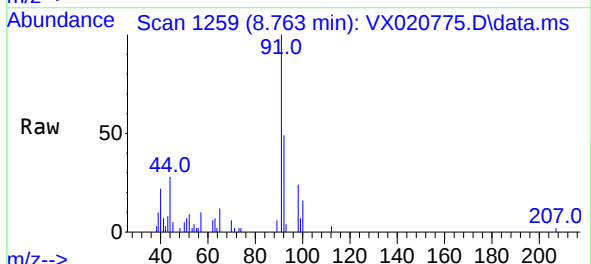
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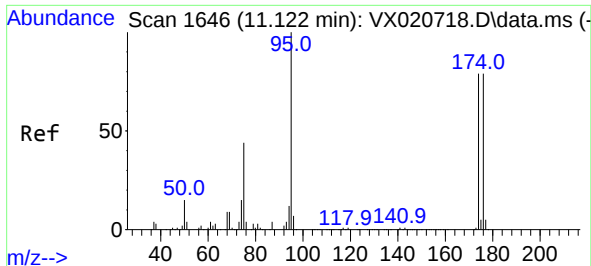
Tgt Ion: 98 Resp: 669422
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9



#52
Toluene
Concen: 0.21 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VX020775.D
Acq: 27 Jan 2021 17:14

Tgt Ion: 92 Resp: 2134
Ion Ratio Lower Upper
92 100
91 196.3 137.1 205.7

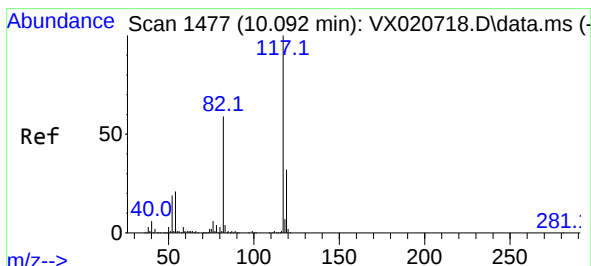
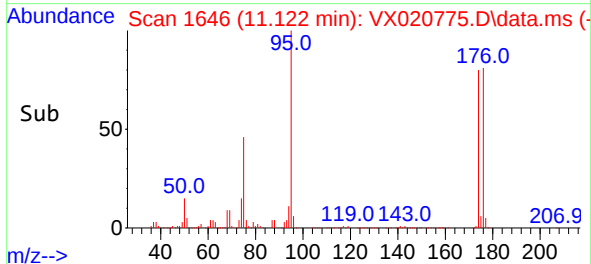
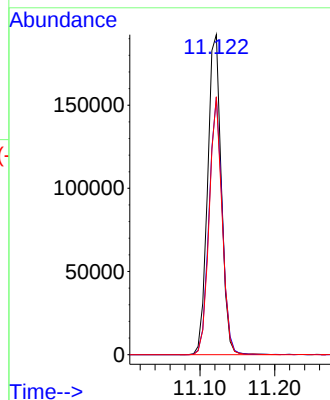
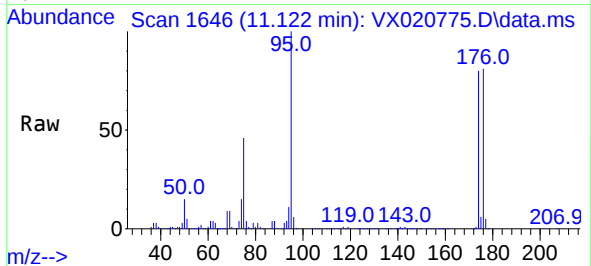




#62
4-Bromofluorobenzene
Concen: 45.21 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020775.D
Acq: 27 Jan 2021 17:14

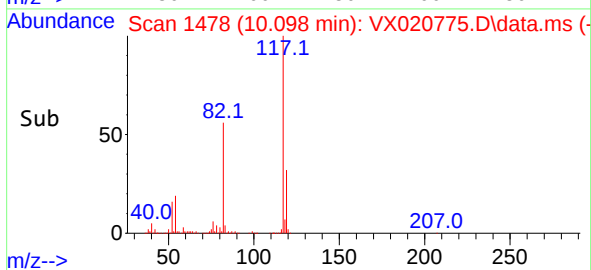
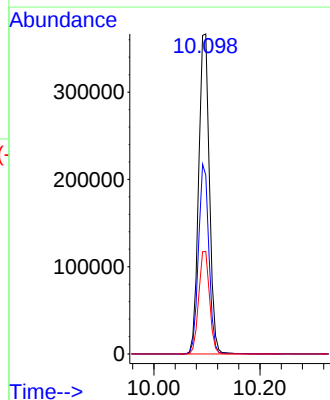
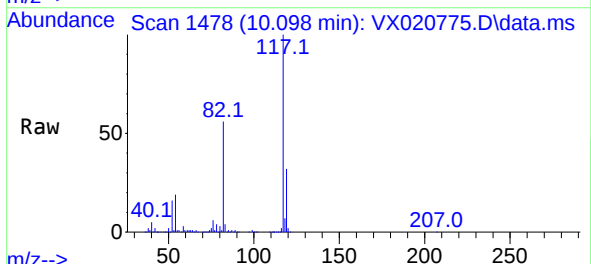
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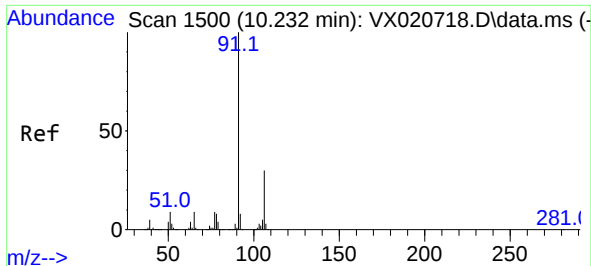
Tgt Ion: 95 Resp: 244152
Ion Ratio Lower Upper
95 100
174 77.6 0.0 154.6
176 75.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020775.D
Acq: 27 Jan 2021 17:14

Tgt Ion: 117 Resp: 514621
Ion Ratio Lower Upper
117 100
82 55.9 47.4 71.2
119 32.0 26.6 39.8

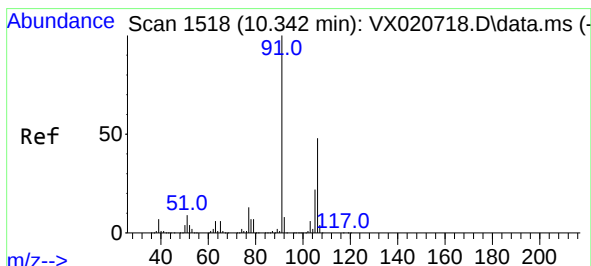
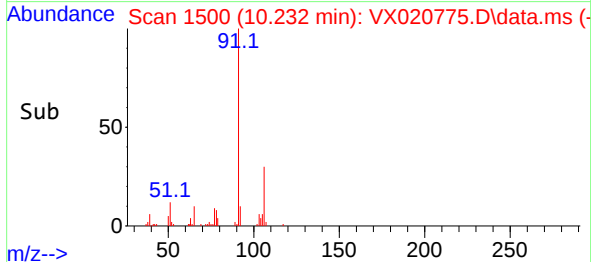
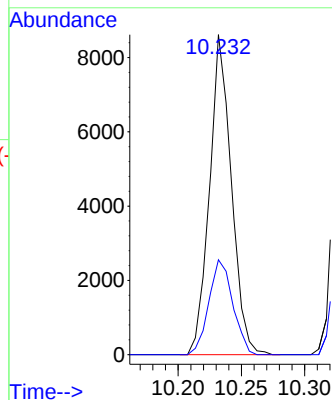
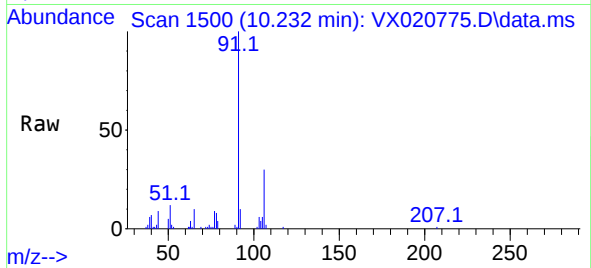




#67
Ethyl Benzene
Concen: 0.54 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020775.D
Acq: 27 Jan 2021 17:14

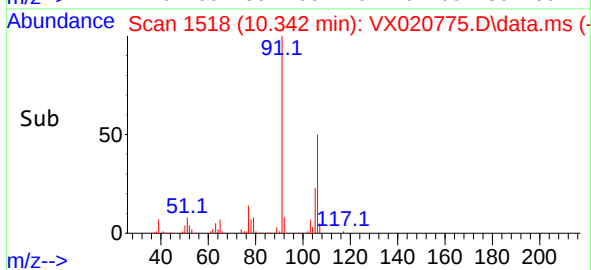
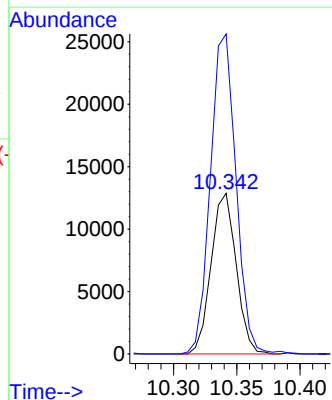
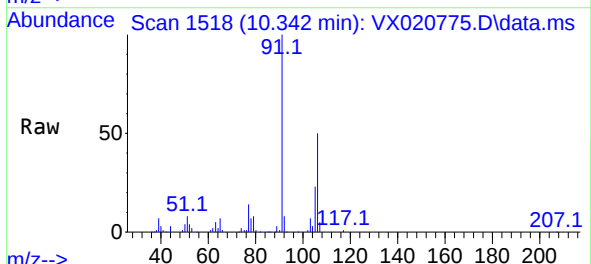
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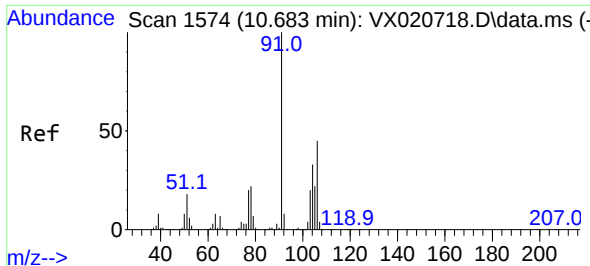
Tgt Ion: 91 Resp: 10351
Ion Ratio Lower Upper
91 100
106 29.6 24.6 37.0



#68
m/p-Xylenes
Concen: 2.47 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VX020775.D
Acq: 27 Jan 2021 17:14

Tgt Ion: 106 Resp: 17754
Ion Ratio Lower Upper
106 100
91 203.2 162.8 244.2

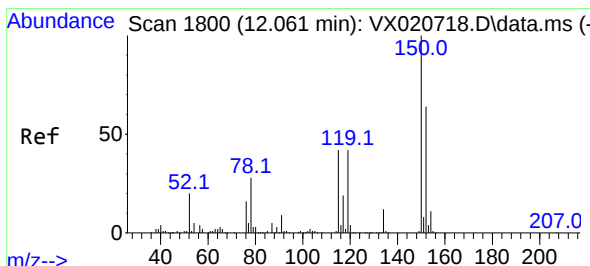
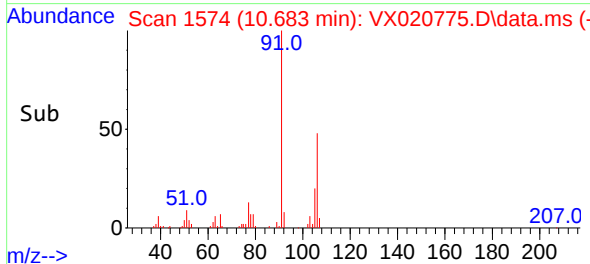
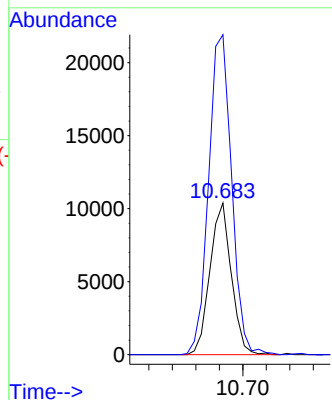
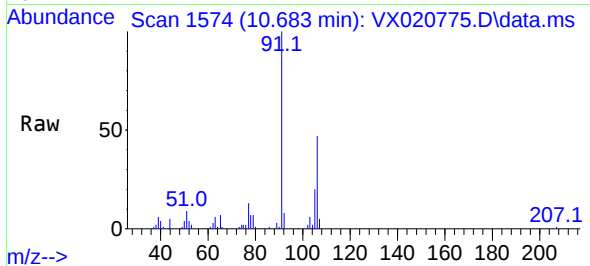




#69
o-Xylene
Concen: 1.94 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VX020775.D
Acq: 27 Jan 2021 17:14

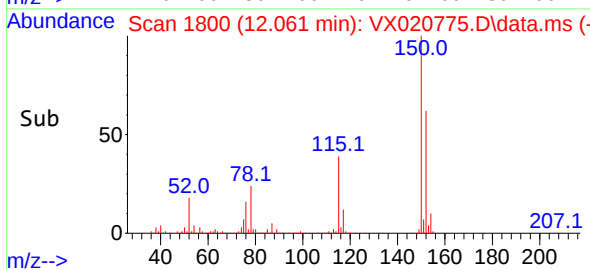
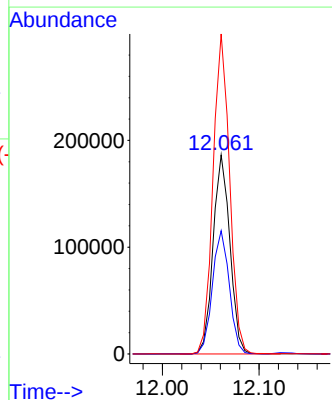
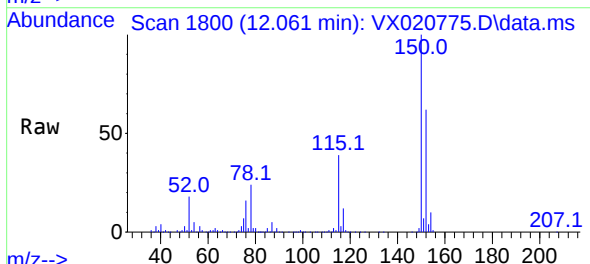
Instrument :
MSVOA_X
ClientSampleId :
411087

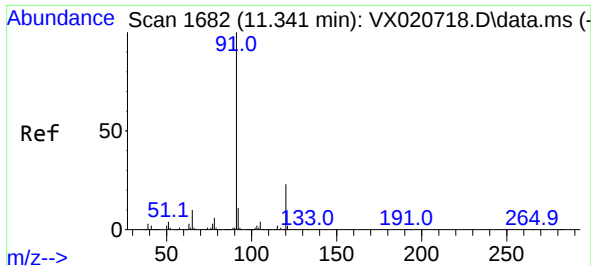
Tgt Ion:106 Resp: 13135
Ion Ratio Lower Upper
106 100
91 226.8 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020775.D
Acq: 27 Jan 2021 17:14

Tgt Ion:152 Resp: 224953
Ion Ratio Lower Upper
152 100
115 62.3 41.1 123.3
150 158.9 0.0 349.0

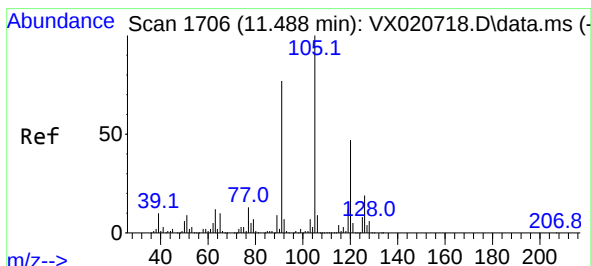
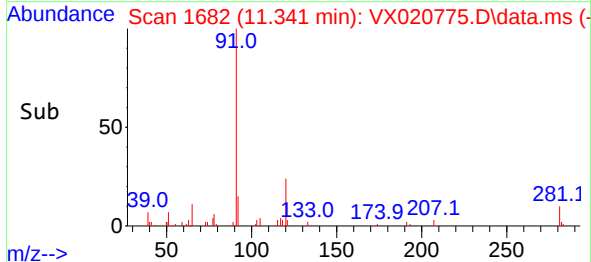
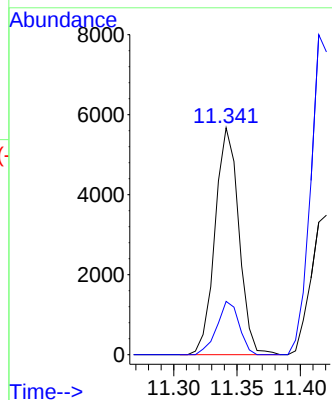
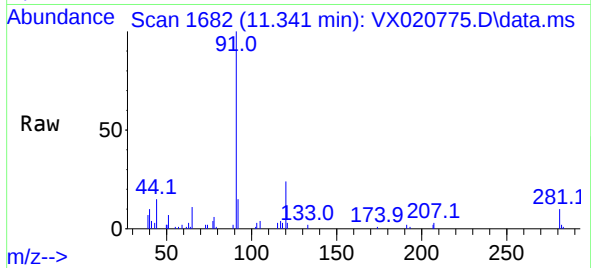




#78
n-propylbenzene
Concen: 0.40 ug/l
RT: 11.341 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VX020775.D
Acq: 27 Jan 2021 17:14

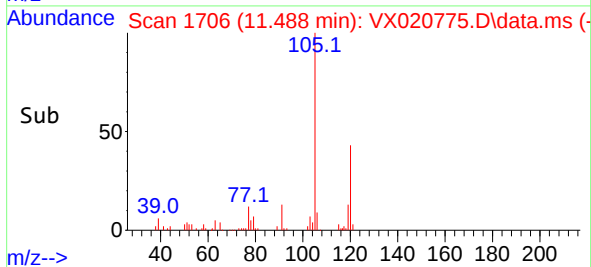
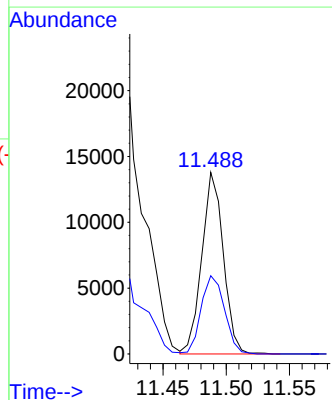
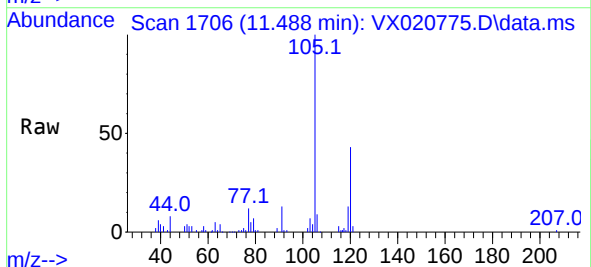
Instrument :
MSVOA_X
ClientSampleId :
411087

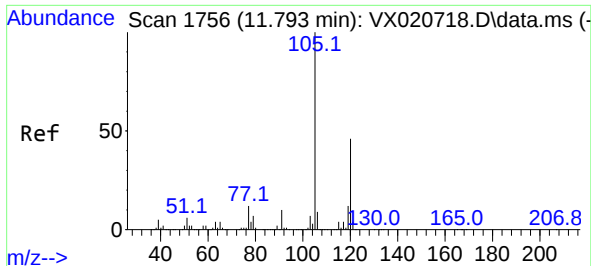
Tgt Ion: 91 Resp: 7416
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 1.18 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VX020775.D
Acq: 27 Jan 2021 17:14

Tgt Ion: 105 Resp: 16402
Ion Ratio Lower Upper
105 100
120 46.6 23.8 71.5

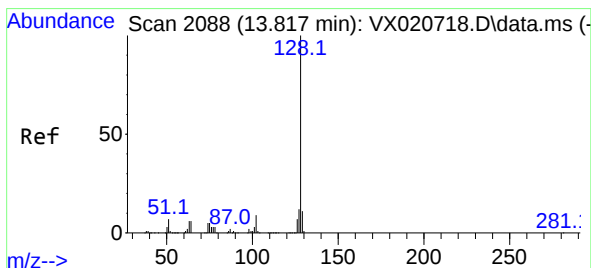
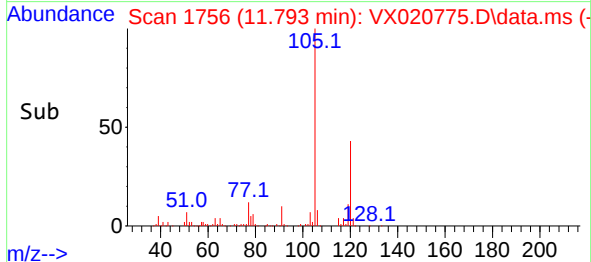
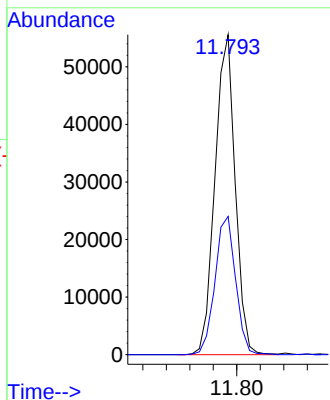
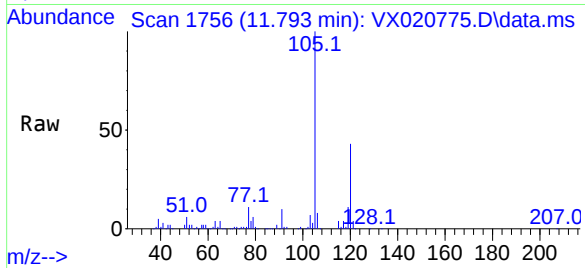




#84
1,2,4-Trimethylbenzene
Concen: 4.74 ug/l
RT: 11.793 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VX020775.D
Acq: 27 Jan 2021 17:14

Instrument :
MSVOA_X
ClientSampleId :
411087

Tgt Ion:105 Resp: 66397
Ion Ratio Lower Upper
105 100
120 44.1 22.4 67.3



#95
Naphthalene
Concen: 4.57 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020775.D
Acq: 27 Jan 2021 17:14

Tgt Ion:128 Resp: 31088
Ion Ratio Lower Upper
128 100
127 14.0 10.3 15.5
129 12.5 8.8 13.2

