

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012621\
 Data File : VX020758.D
 Acq On : 26 Jan 2021 17:04
 Operator : JC/SP
 Sample : M1189-08 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 41051

Quant Time: Jan 27 00:57:26 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	342729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	582997	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	557893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	263575	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.031	65	222364	47.57	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.14%
35) Dibromofluoromethane	5.458	113	187958	47.07	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.14%
50) Toluene-d8	8.696	98	720946	49.24	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.48%
62) 4-Bromofluorobenzene	11.122	95	276896	48.70	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.40%

Target Compounds

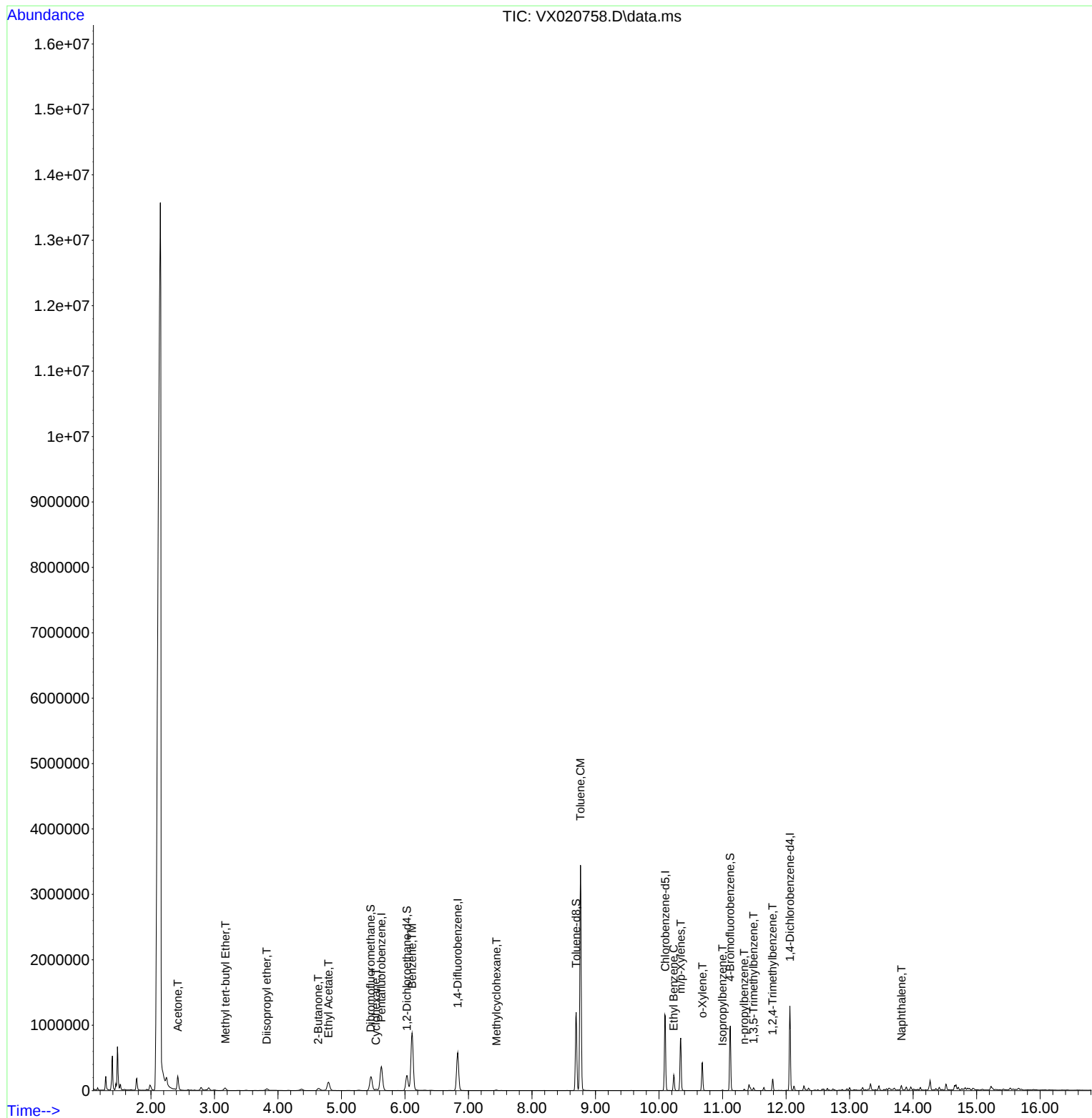
						Qvalue
16) Acetone	2.422	43	213130	120.25	ug/l	99
19) Methyl tert-butyl Ether	3.172	73	41923	3.40	ug/l #	90
22) Diisopropyl ether	3.825	45	27120	2.25	ug/l #	84
25) 2-Butanone	4.635	43	51729	18.63	ug/l	94
31) Cyclohexane	5.544	56	12331	1.96	ug/l	89
37) Ethyl Acetate	4.794	43	218441	39.38	ug/l	100
39) Methylcyclohexane	7.440	83	3403	0.51	ug/l	92
40) Benzene	6.111	78	1096249	63.61	ug/l	99
52) Toluene	8.763	92	1318064	121.65	ug/l	99
67) Ethyl Benzene	10.232	91	136737	6.53	ug/l	100
68) m/p-Xylenes	10.342	106	188111	24.10	ug/l	96
69) o-Xylene	10.683	106	95098	12.96	ug/l	98
73) Isopropylbenzene	11.000	105	4266	0.22	ug/l	99
78) n-propylbenzene	11.341	91	12248	0.56	ug/l	97
80) 1,3,5-Trimethylbenzene	11.488	105	17974	1.10	ug/l	98
84) 1,2,4-Trimethylbenzene	11.786	105	79984	4.87	ug/l	99
95) Naphthalene	13.817	128	44511	4.95	ug/l	98

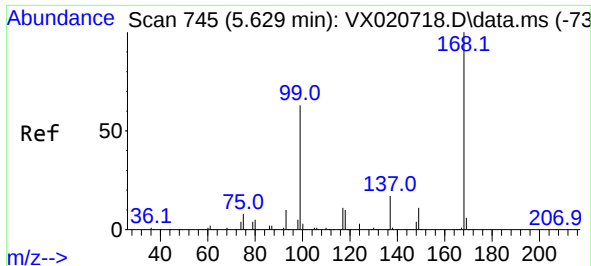
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012621\
Data File : VX020758.D
Acq On : 26 Jan 2021 17:04
Operator : JC/SP
Sample : M1189-08 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
41051

Quant Time: Jan 27 00:57:26 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

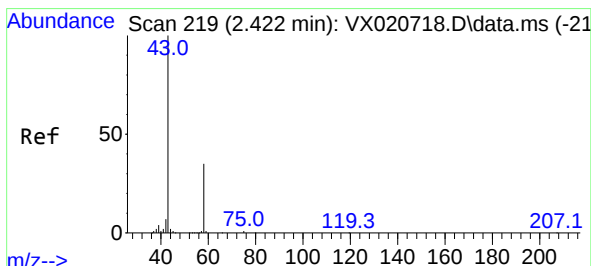
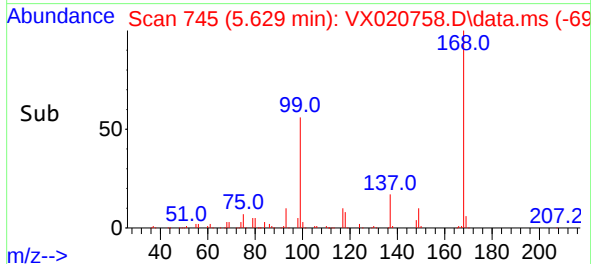
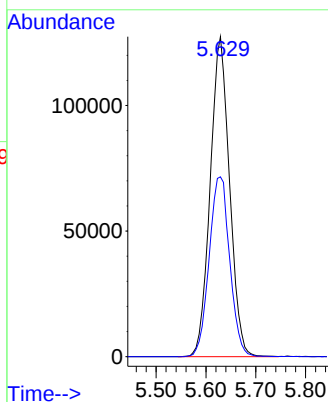
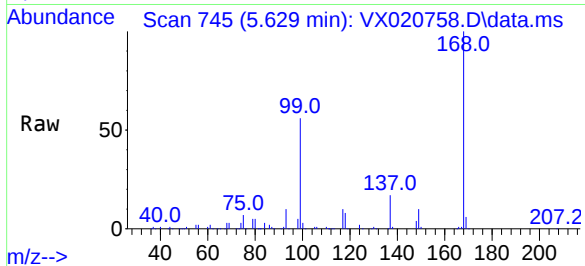




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020758.D
Acq: 26 Jan 2021 17:04

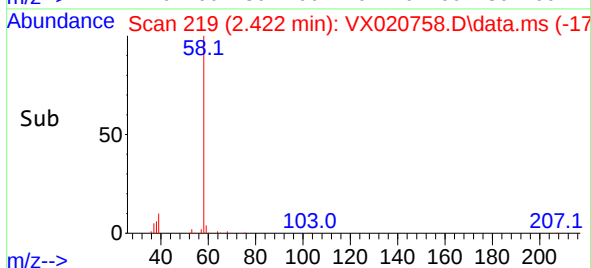
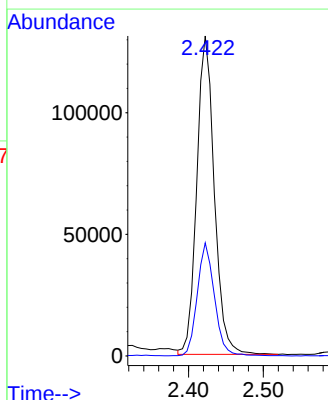
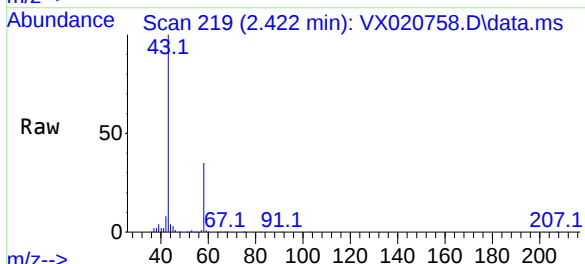
Instrument :
MSVOA_X
ClientSampleId :
41051

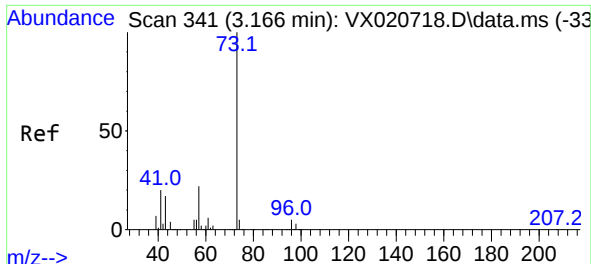
Tgt Ion:168 Resp: 342729
Ion Ratio Lower Upper
168 100
99 56.2 45.8 68.6



#16
Acetone
Concen: 120.25 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX020758.D
Acq: 26 Jan 2021 17:04

Tgt Ion: 43 Resp: 213130
Ion Ratio Lower Upper
43 100
58 35.4 27.8 41.8



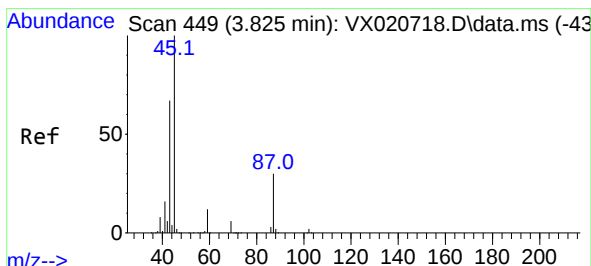
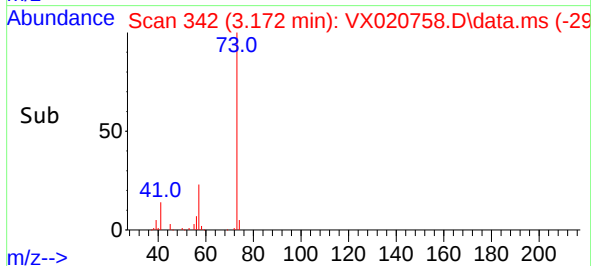
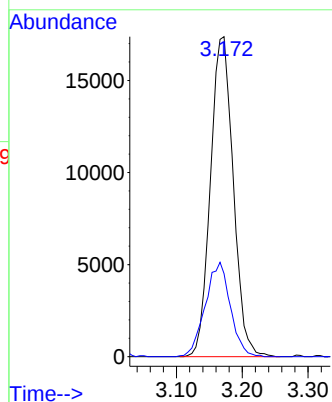
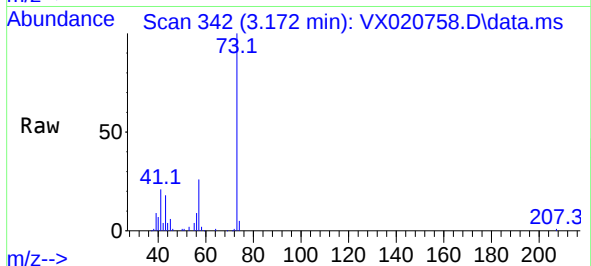


#19

Methyl tert-butyl Ether
Concen: 3.40 ug/l
RT: 3.172 min Scan# 342
Delta R.T. 0.006 min
Lab File: VX020758.D
Acq: 26 Jan 2021 17:04

Instrument :
MSVOA_X
ClientSampled :
41051

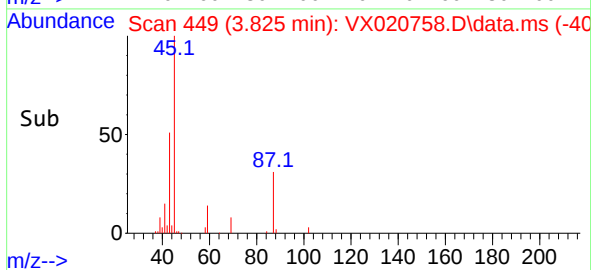
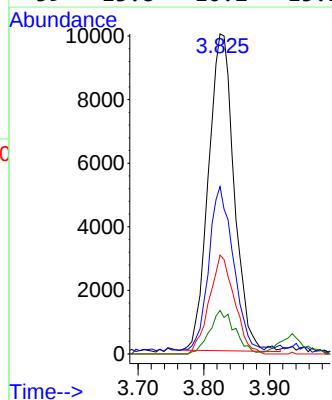
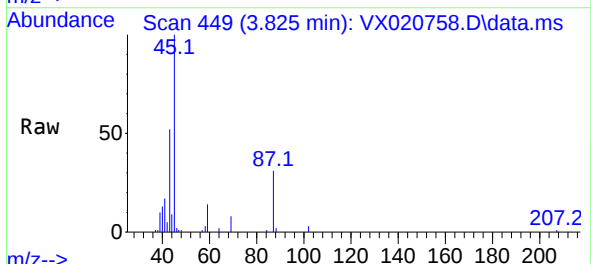
Tgt Ion: 73 Resp: 41923
Ion Ratio Lower Upper
73 100
57 26.0 17.1 25.7#

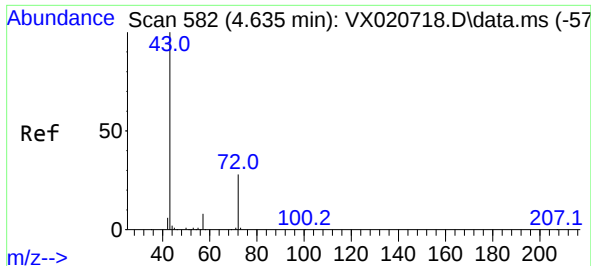


#22

Diisopropyl ether
Concen: 2.25 ug/l
RT: 3.825 min Scan# 449
Delta R.T. -0.001 min
Lab File: VX020758.D
Acq: 26 Jan 2021 17:04

Tgt Ion: 45 Resp: 27120
Ion Ratio Lower Upper
45 100
43 51.8 58.0 87.0#
87 31.3 25.4 38.0
59 13.8 10.2 15.2

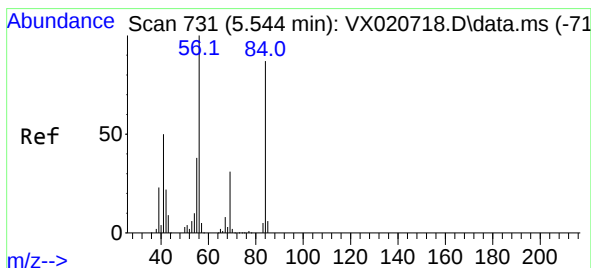
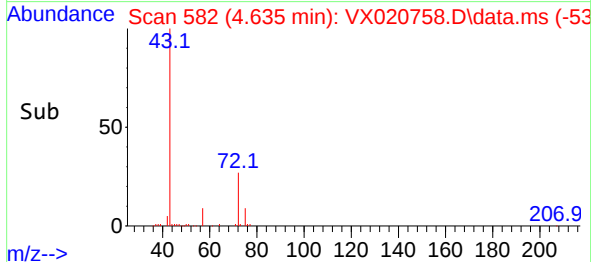
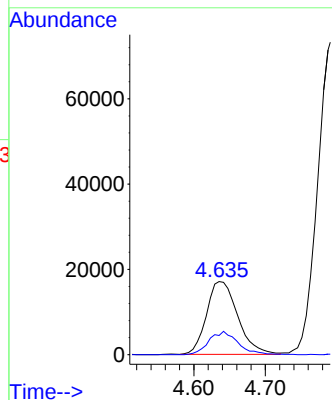
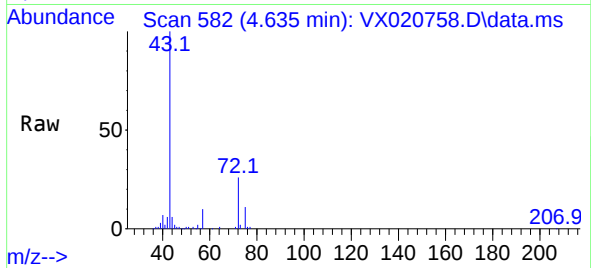




#25
2-Butanone
Concen: 18.63 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.000 min
Lab File: VX020758.D
Acq: 26 Jan 2021 17:04

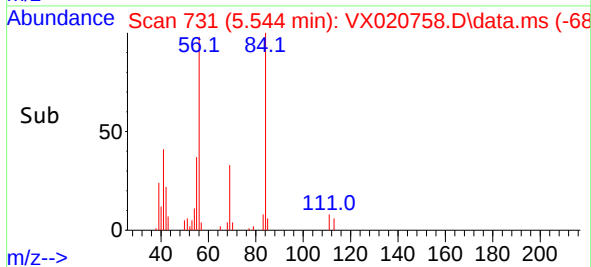
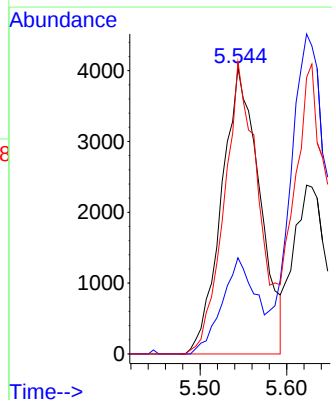
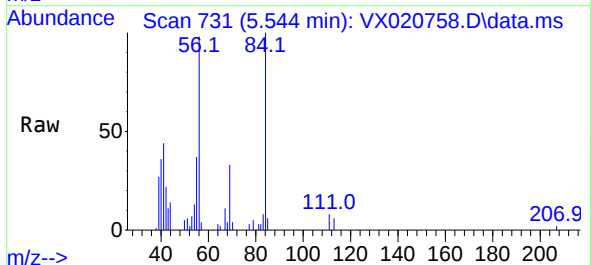
Instrument :
MSVOA_X
ClientSampleId :
41051

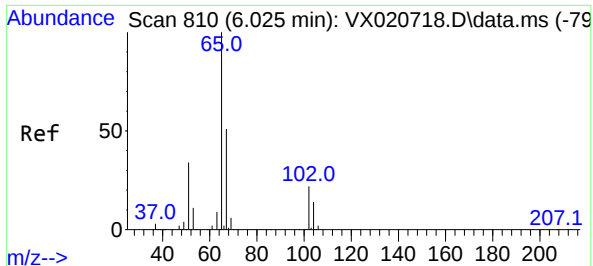
Tgt Ion: 43 Resp: 51729
Ion Ratio Lower Upper
43 100
72 26.3 23.7 35.5



#31
Cyclohexane
Concen: 1.96 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX020758.D
Acq: 26 Jan 2021 17:04

Tgt Ion: 56 Resp: 12331
Ion Ratio Lower Upper
56 100
69 33.6 25.3 37.9
84 102.2 71.4 107.0



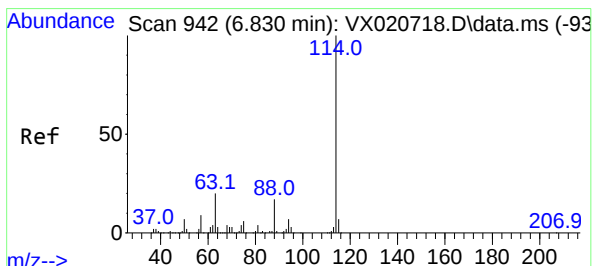
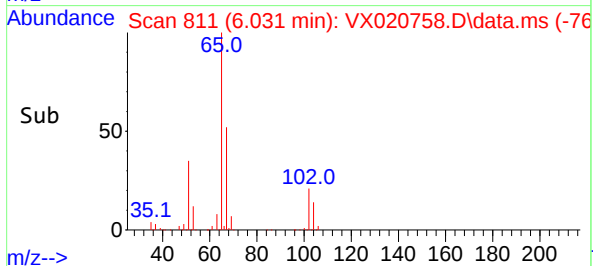
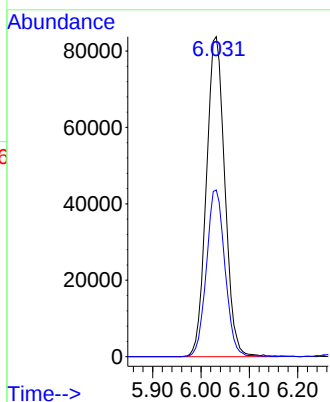
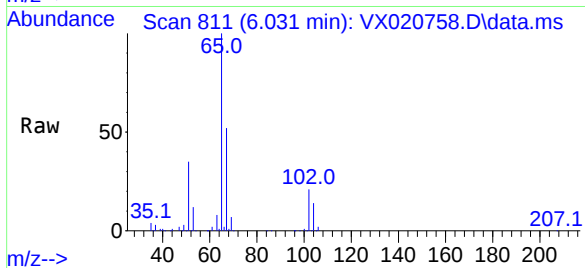


#33

1,2-Dichloroethane-d4
Concen: 47.57 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020758.D
Acq: 26 Jan 2021 17:04

Instrument :
MSVOA_X
ClientSampleId :
41051

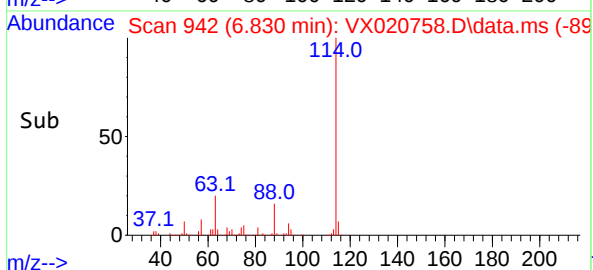
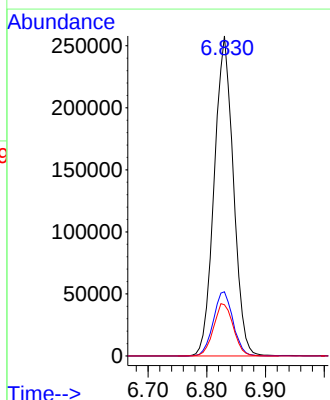
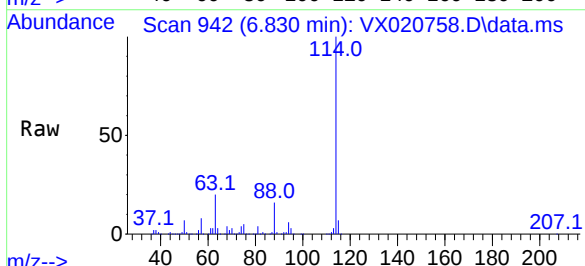
Tgt Ion: 65 Resp: 222364
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

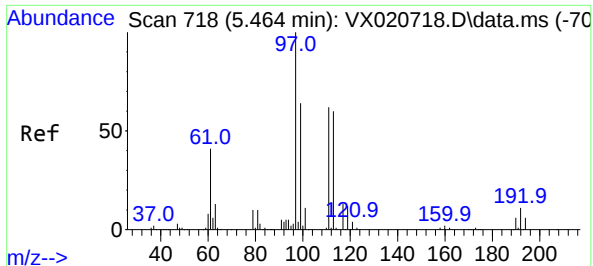


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020758.D
Acq: 26 Jan 2021 17:04

Tgt Ion: 114 Resp: 582997
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 16.0 0.0 32.8

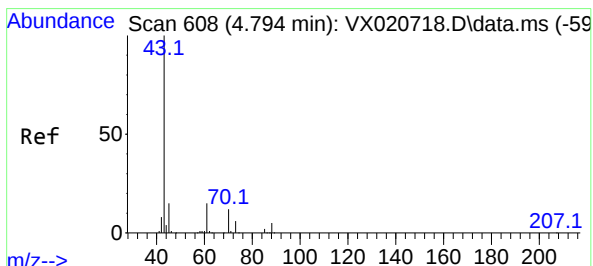
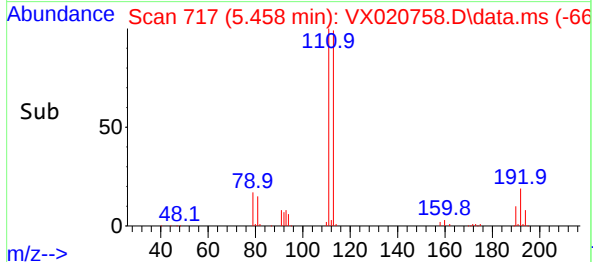
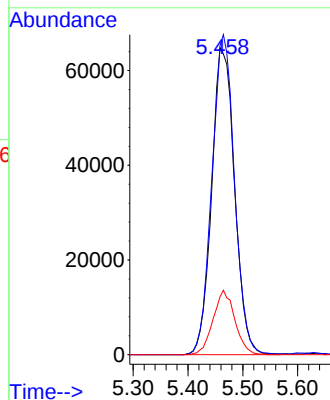
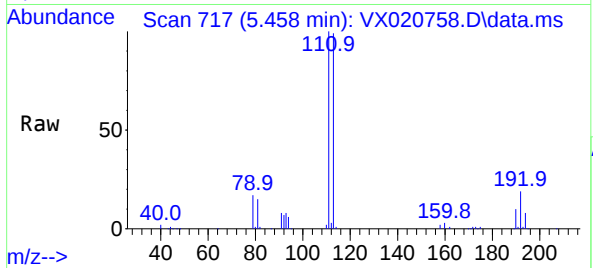




#35
Dibromofluoromethane
Concen: 47.07 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX020758.D
Acq: 26 Jan 2021 17:04

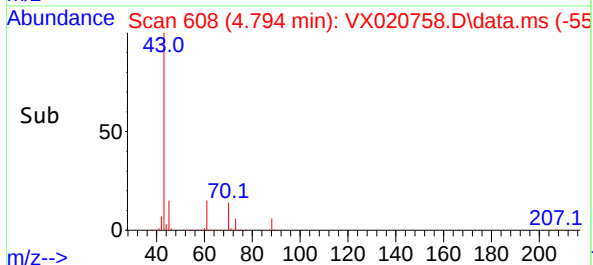
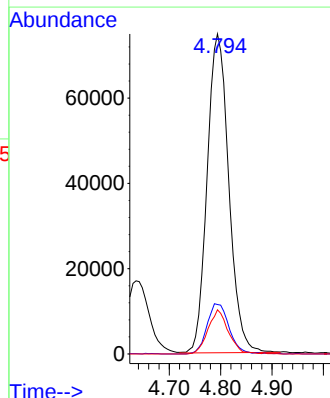
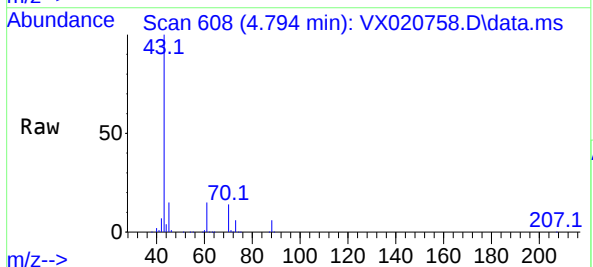
Instrument :
MSVOA_X
ClientSampleId :
41051

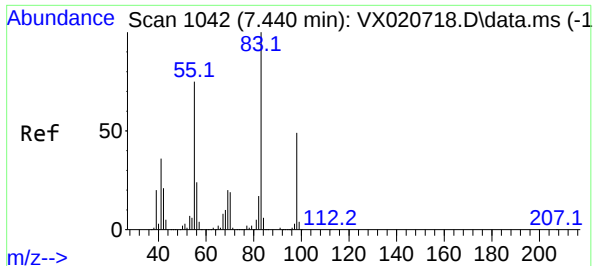
Tgt Ion:113 Resp: 187958
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 20.0 16.7 25.1



#37
Ethyl Acetate
Concen: 39.38 ug/l
RT: 4.794 min Scan# 608
Delta R.T. -0.000 min
Lab File: VX020758.D
Acq: 26 Jan 2021 17:04

Tgt Ion: 43 Resp: 218441
Ion Ratio Lower Upper
43 100
61 16.2 12.8 19.2
70 13.0 10.5 15.7





#39

Methylcyclohexane

Concen: 0.51 ug/l

RT: 7.440 min Scan# 1042

Delta R.T. -0.000 min

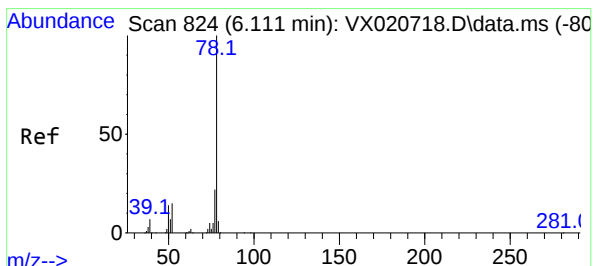
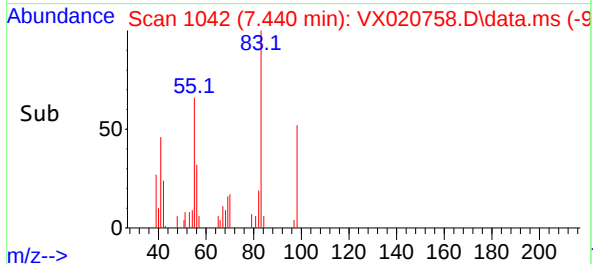
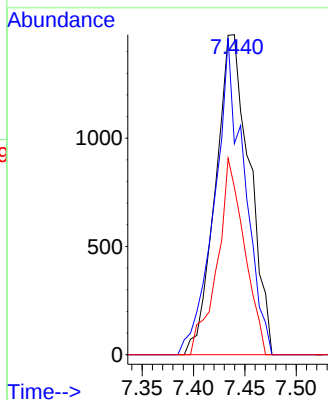
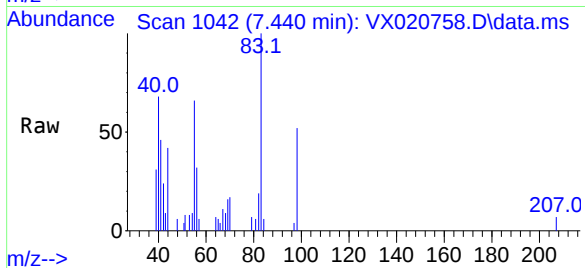
Lab File: VX020758.D

Acq: 26 Jan 2021 17:04

Instrument :
MSVOA_X
ClientSampleId :
41051

Tgt Ion: 83 Resp: 3403

Ion	Ratio	Lower	Upper
83	100		
55	66.0	58.9	88.3
98	52.4	38.1	57.1



#40

Benzene

Concen: 63.61 ug/l

RT: 6.111 min Scan# 824

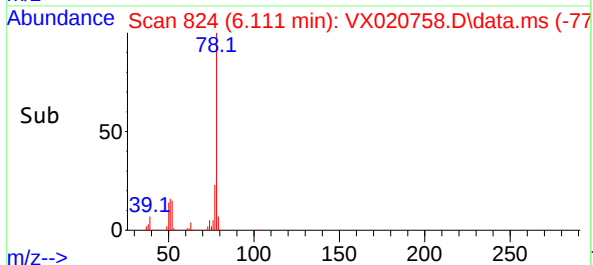
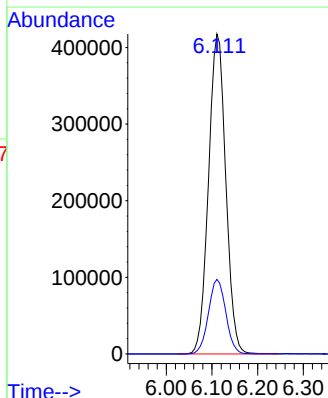
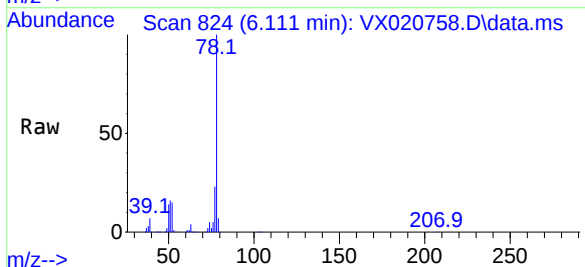
Delta R.T. -0.000 min

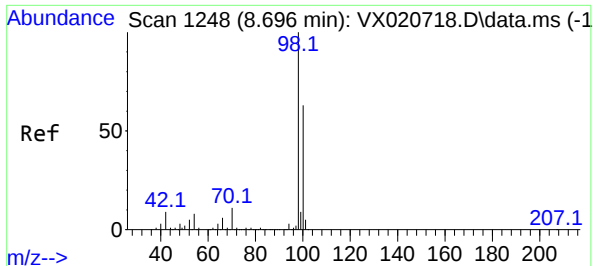
Lab File: VX020758.D

Acq: 26 Jan 2021 17:04

Tgt Ion: 78 Resp: 1096249

Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.9	28.3

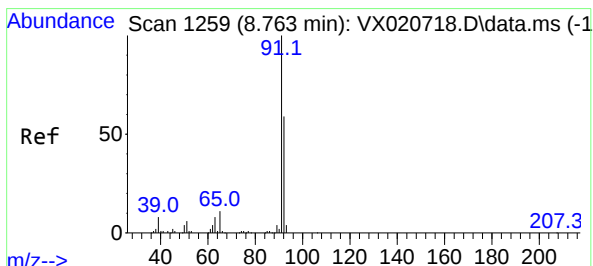
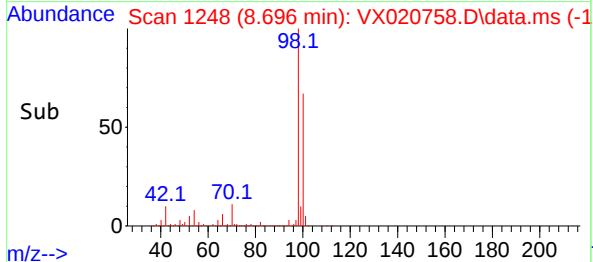
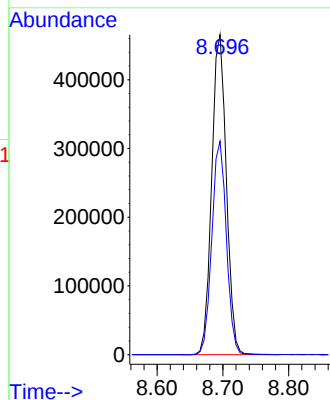
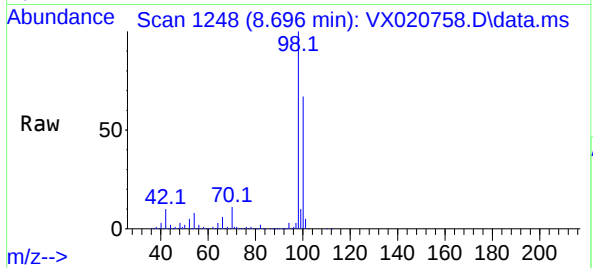




#50
Toluene-d8
Concen: 49.24 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020758.D
Acq: 26 Jan 2021 17:04

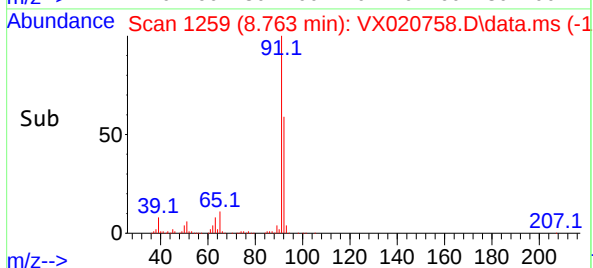
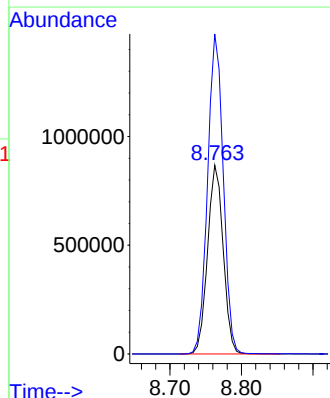
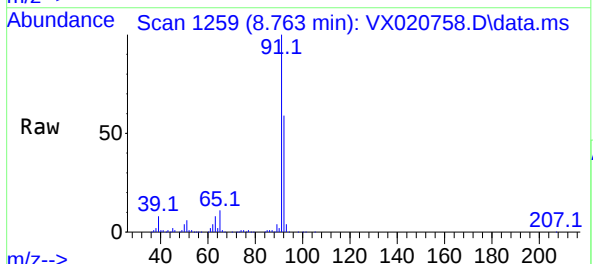
Instrument :
MSVOA_X
ClientSampled :
41051

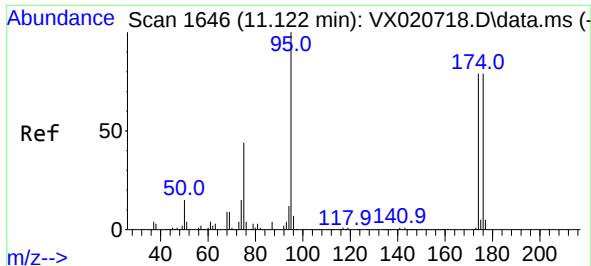
Tgt Ion: 98 Resp: 720946
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9



#52
Toluene
Concen: 121.65 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VX020758.D
Acq: 26 Jan 2021 17:04

Tgt Ion: 92 Resp: 1318064
Ion Ratio Lower Upper
92 100
91 169.9 137.1 205.7

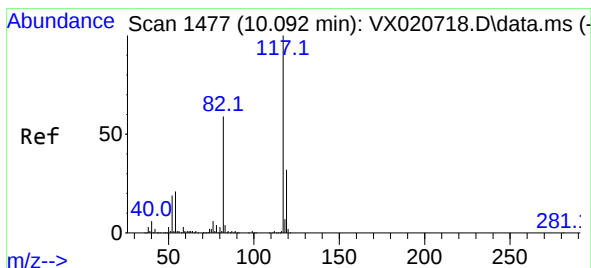
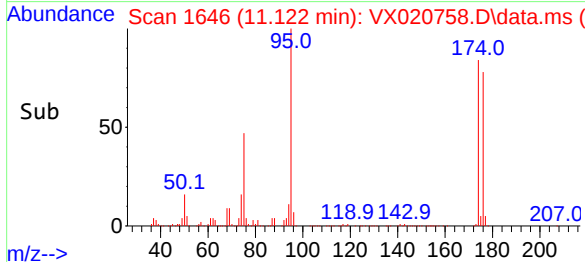
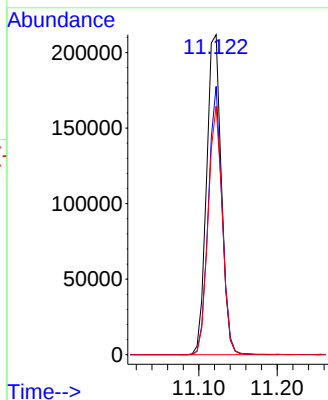
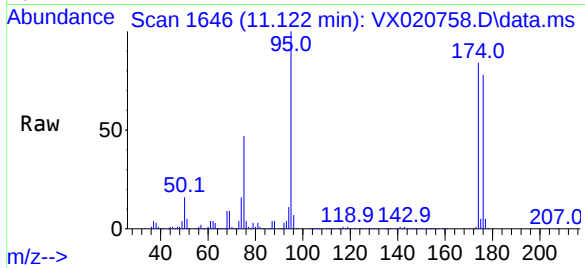




#62
4-Bromofluorobenzene
Concen: 48.70 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020758.D
Acq: 26 Jan 2021 17:04

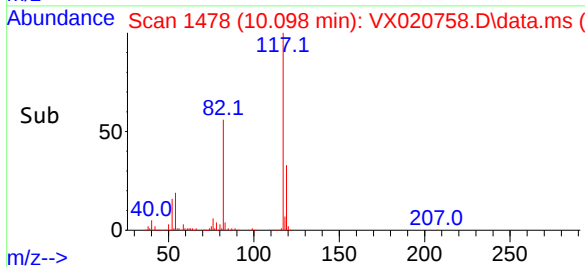
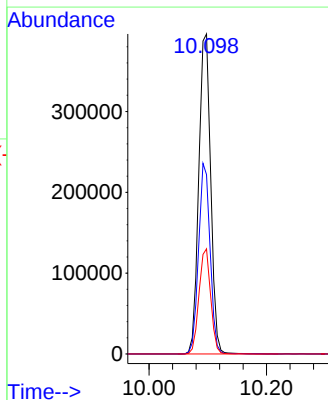
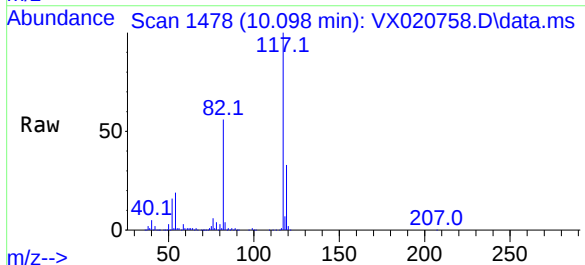
Instrument :
MSVOA_X
ClientSampleId :
41051

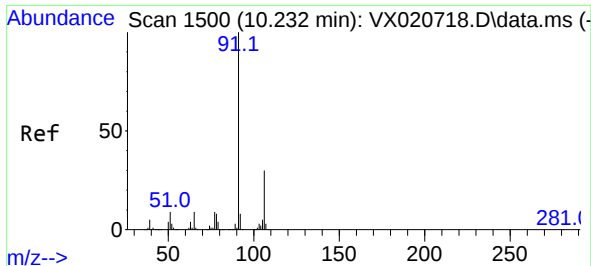
Tgt Ion: 95 Resp: 276896
Ion Ratio Lower Upper
95 100
174 77.8 0.0 154.6
176 74.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020758.D
Acq: 26 Jan 2021 17:04

Tgt Ion: 117 Resp: 557893
Ion Ratio Lower Upper
117 100
82 56.0 47.4 71.2
119 32.9 26.6 39.8

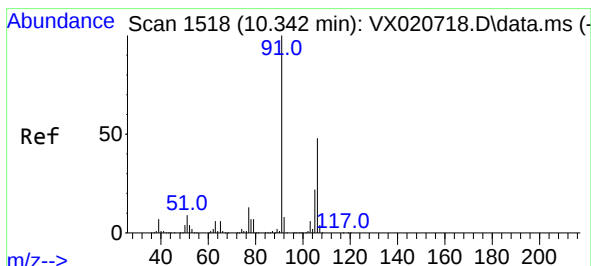
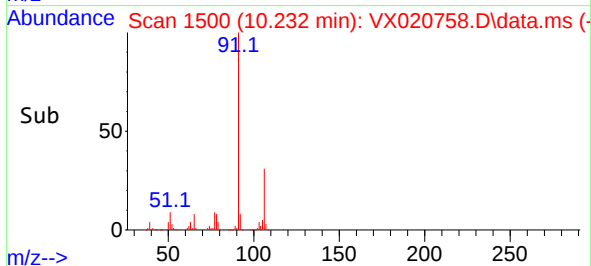
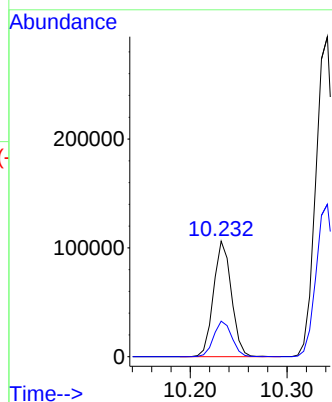
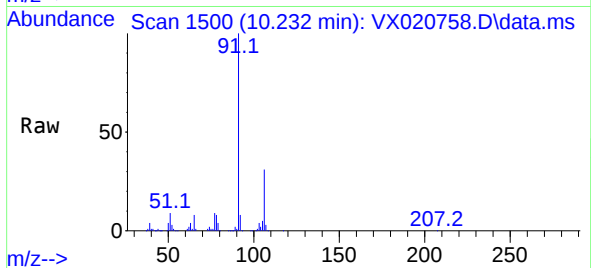




#67
Ethyl Benzene
Concen: 6.53 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020758.D
Acq: 26 Jan 2021 17:04

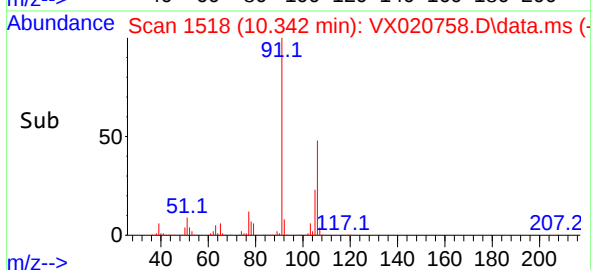
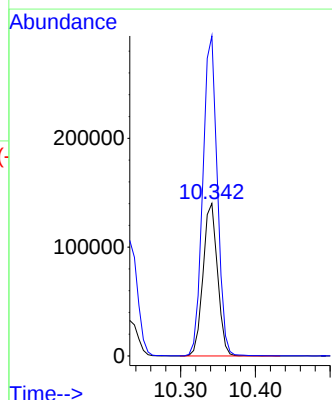
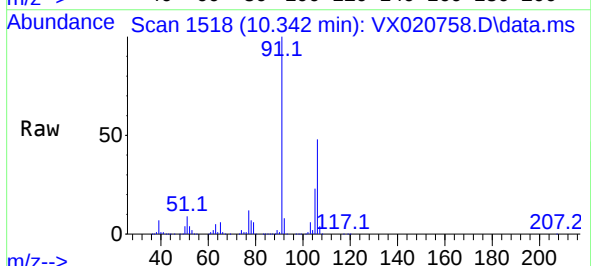
Instrument :
MSVOA_X
ClientSampled :
41051

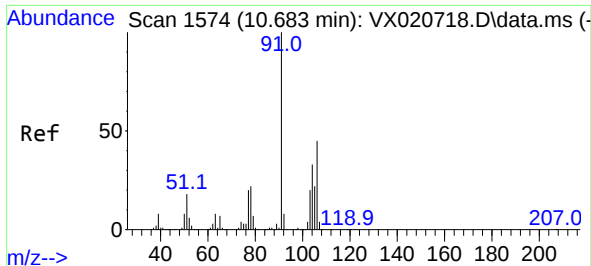
Tgt Ion: 91 Resp: 136737
Ion Ratio Lower Upper
91 100
106 30.7 24.6 37.0



#68
m/p-Xylenes
Concen: 24.10 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VX020758.D
Acq: 26 Jan 2021 17:04

Tgt Ion: 106 Resp: 188111
Ion Ratio Lower Upper
106 100
91 210.2 162.8 244.2

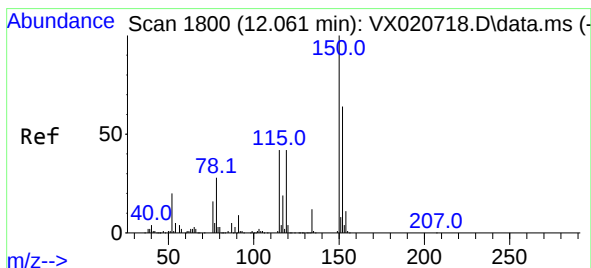
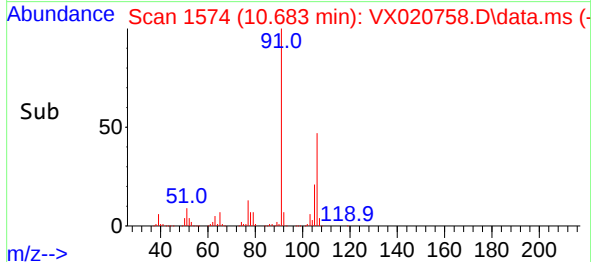
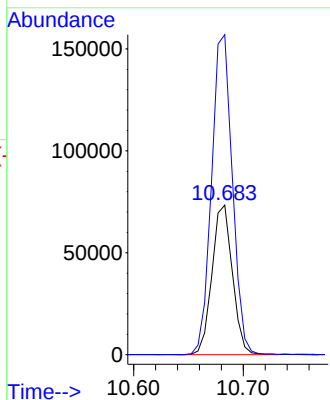
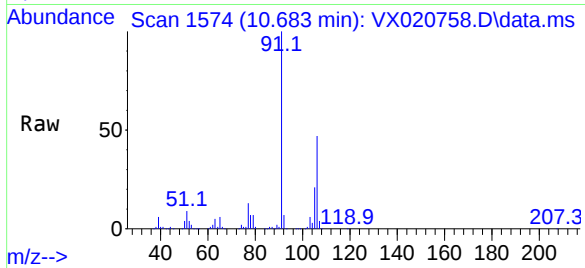




#69
o-Xylene
Concen: 12.96 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VX020758.D
Acq: 26 Jan 2021 17:04

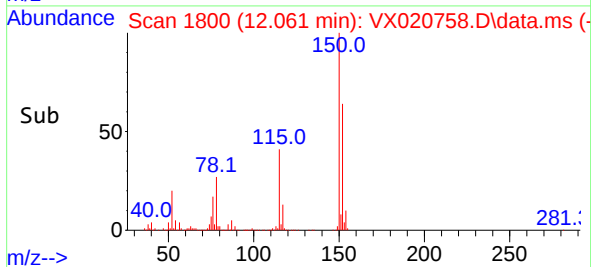
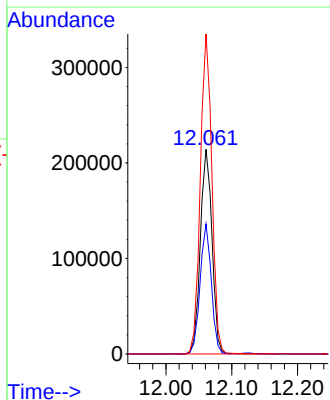
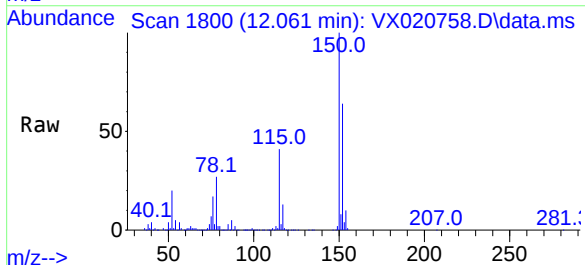
Instrument :
MSVOA_X
ClientSampled :
41051

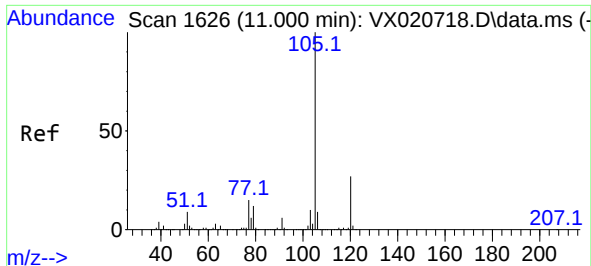
Tgt Ion:106 Resp: 95098
Ion Ratio Lower Upper
106 100
91 218.8 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020758.D
Acq: 26 Jan 2021 17:04

Tgt Ion:152 Resp: 263575
Ion Ratio Lower Upper
152 100
115 61.2 41.1 123.3
150 154.5 0.0 349.0

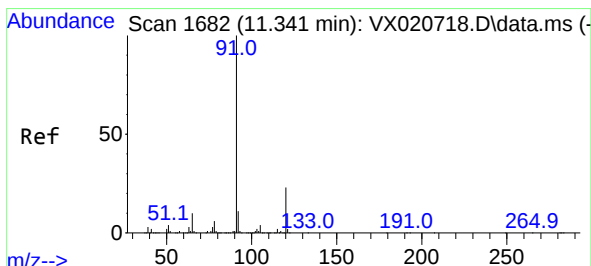
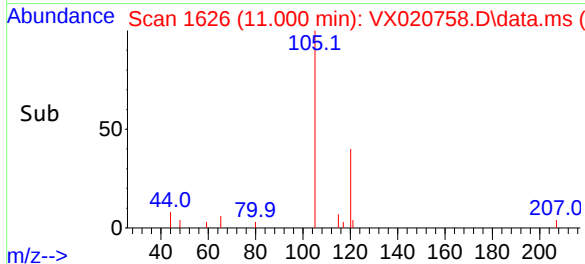
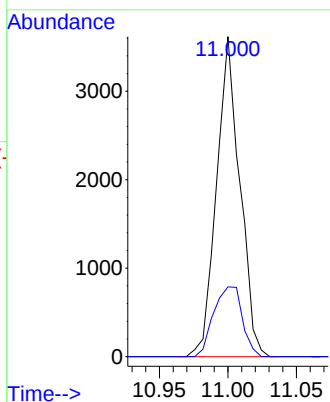
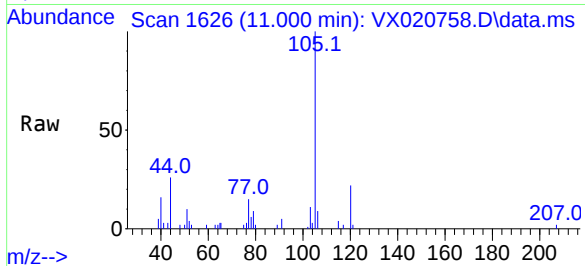




#73
Isopropylbenzene
Concen: 0.22 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX020758.D
Acq: 26 Jan 2021 17:04

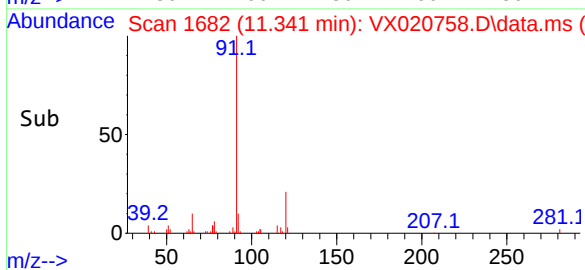
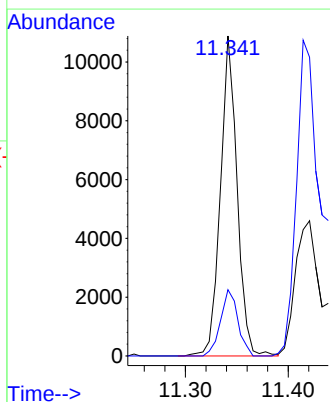
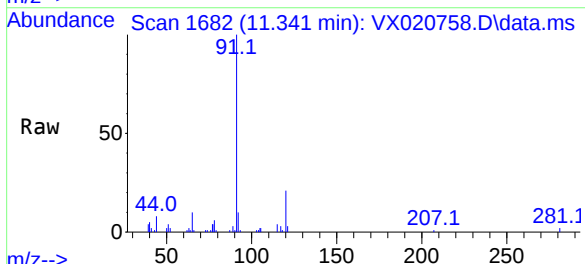
Instrument :
MSVOA_X
ClientSampled :
41051

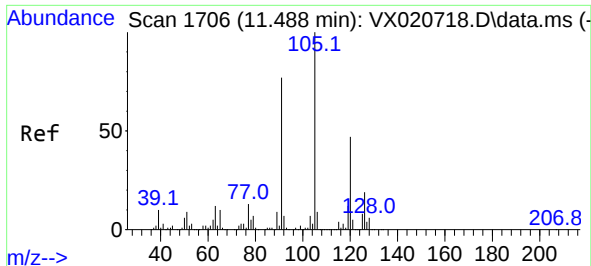
Tgt Ion:105 Resp: 4266
Ion Ratio Lower Upper
105 100
120 26.9 13.2 39.6



#78
n-propylbenzene
Concen: 0.56 ug/l
RT: 11.341 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VX020758.D
Acq: 26 Jan 2021 17:04

Tgt Ion: 91 Resp: 12248
Ion Ratio Lower Upper
91 100
120 21.5 11.5 34.5

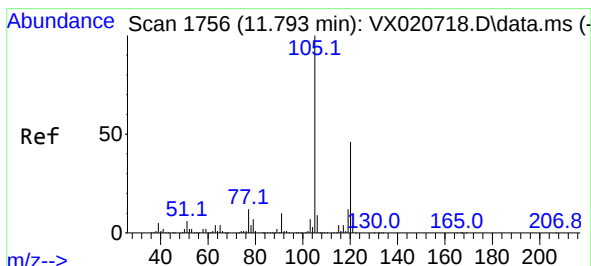
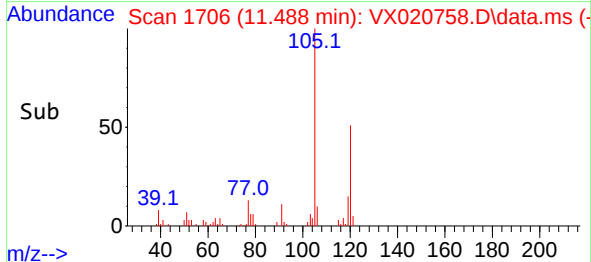
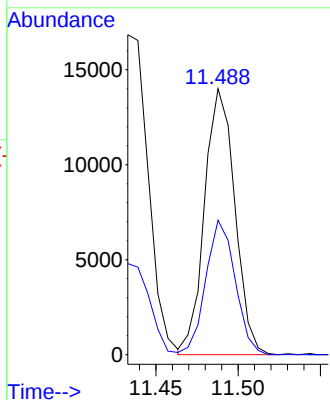
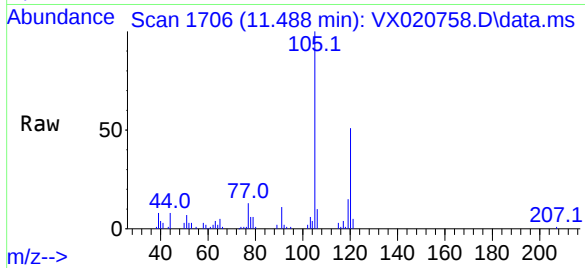




#80
1,3,5-Trimethylbenzene
Concen: 1.10 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VX020758.D
Acq: 26 Jan 2021 17:04

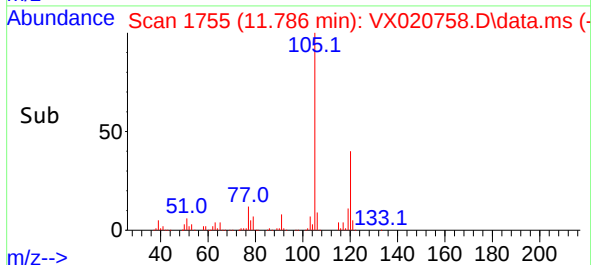
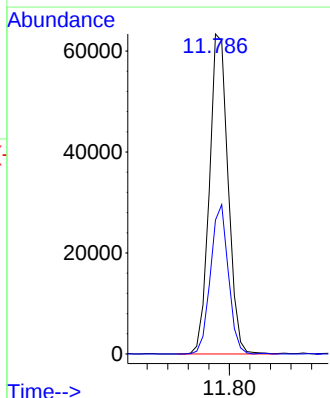
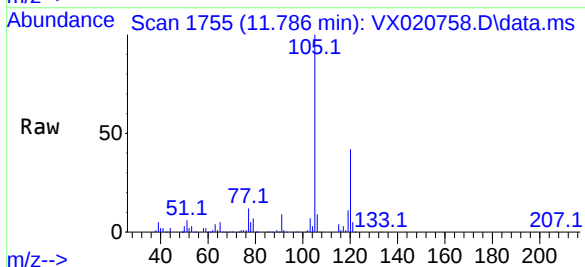
Instrument :
MSVOA_X
ClientSampled :
41051

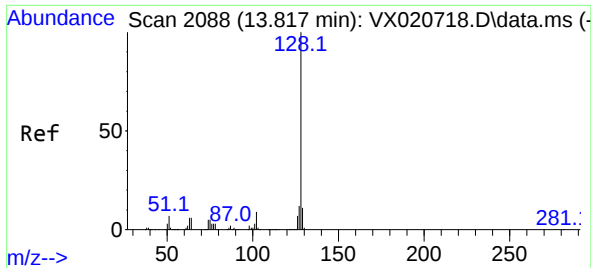
Tgt Ion:105 Resp: 17974
Ion Ratio Lower Upper
105 100
120 48.9 23.8 71.5



#84
1,2,4-Trimethylbenzene
Concen: 4.87 ug/l
RT: 11.786 min Scan# 1755
Delta R.T. -0.007 min
Lab File: VX020758.D
Acq: 26 Jan 2021 17:04

Tgt Ion:105 Resp: 79984
Ion Ratio Lower Upper
105 100
120 44.3 22.4 67.3





#95
Naphthalene
Concen: 4.95 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020758.D
Acq: 26 Jan 2021 17:04

Instrument :
MSVOA_X
ClientSampleId :
41051

Tgt Ion:128 Resp: 44511
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 11.9 8.8 13.2

