

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123020\
 Data File : VX020461.D
 Acq On : 30 Dec 2020 17:17
 Operator : JC/MD
 Sample : L5222-03 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31370

Quant Time: Dec 31 01:09:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	247507	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	403054	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	383988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	176728	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.032	65	157141	47.36	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.72%
35) Dibromofluoromethane	5.458	113	130401	50.58	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.16%
50) Toluene-d8	8.696	98	496418	50.02	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.04%
62) 4-Bromofluorobenzene	11.122	95	178736	47.05	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.10%

Target Compounds

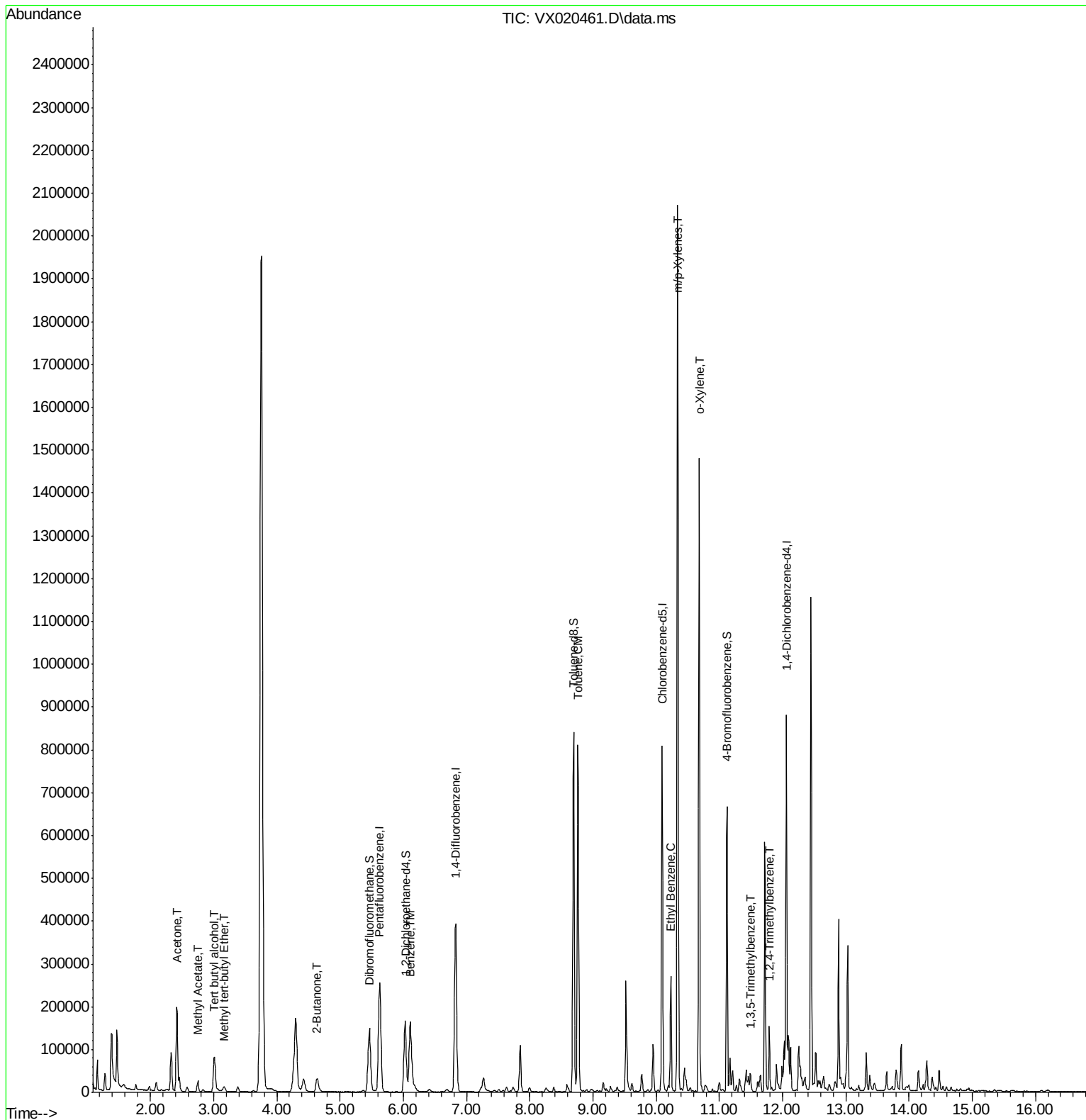
						Qvalue
11) Tert butyl alcohol	3.014	59	46739	62.91	ug/l	96
16) Acetone	2.416	43	200688	132.65	ug/l	99
18) Methyl Acetate	2.752	43	30557	9.06	ug/l	97
19) Methyl tert-butyl Ether	3.166	73	11417	1.21	ug/l #	87
25) 2-Butanone	4.635	43	49558	22.51	ug/l	100
40) Benzene	6.111	78	197257	15.91	ug/l	99
52) Toluene	8.763	92	302345	39.95	ug/l	100
67) Ethyl Benzene	10.232	91	157168	10.91	ug/l	99
68) m/p-Xylenes	10.342	106	472854	87.95	ug/l	100
69) o-Xylene	10.683	106	312566	60.41	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	16367	1.51	ug/l	99
84) 1,2,4-Trimethylbenzene	11.793	105	68949	6.28	ug/l	100

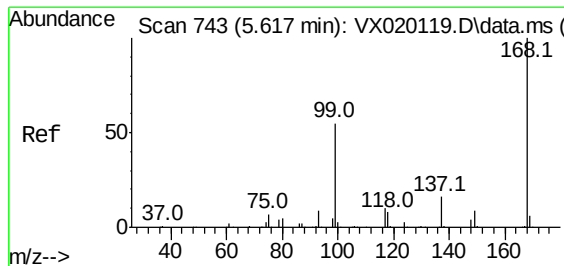
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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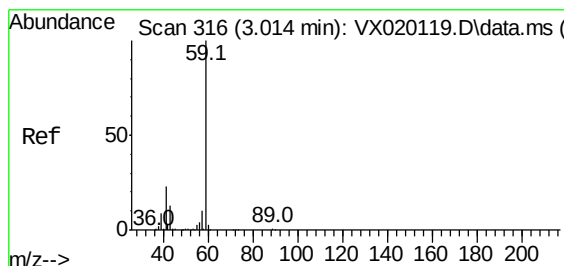
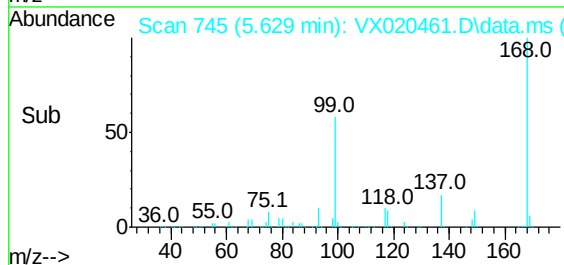
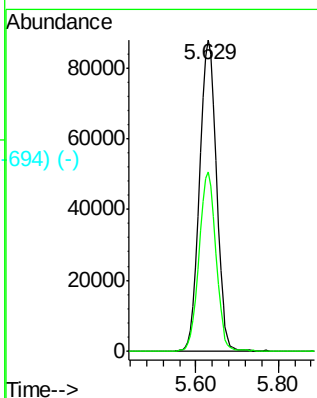
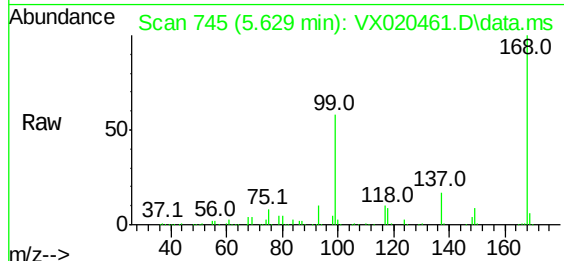




Scan 743 (5.617 min): VX020119.D\data.ms (-743) (-)
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020461.D
 Acq: 30 Dec 2020 17:17

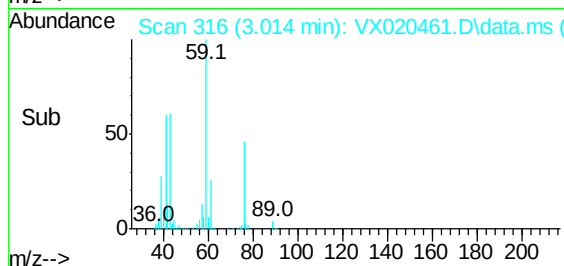
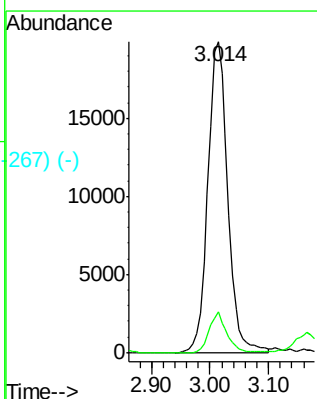
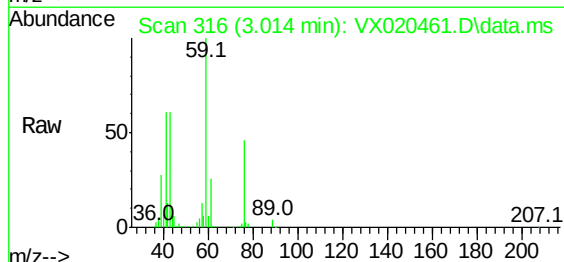
Instrument :
 MSVOA_X
 ClientSampleId :
 31370

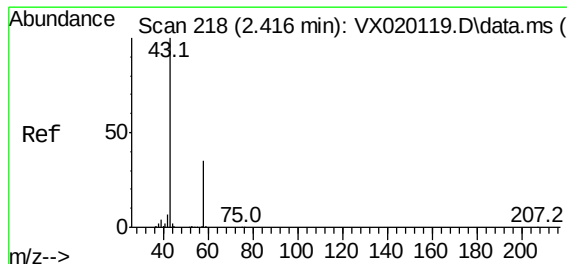
Tgt Ion:168 Resp: 247507
 Ion Ratio Lower Upper
 168 100
 99 57.7 45.8 68.6



Scan 316 (3.014 min): VX020119.D\data.ms (-316) (-)
 Tert butyl alcohol
 Concen: 62.91 ug/l
 RT: 3.014 min Scan# 316
 Delta R.T. -0.000 min
 Lab File: VX020461.D
 Acq: 30 Dec 2020 17:17

Tgt Ion: 59 Resp: 46739
 Ion Ratio Lower Upper
 59 100
 57 11.3 7.8 11.8

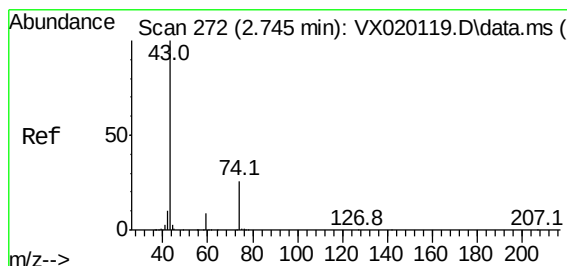
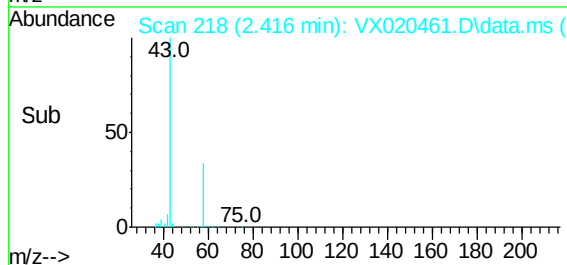
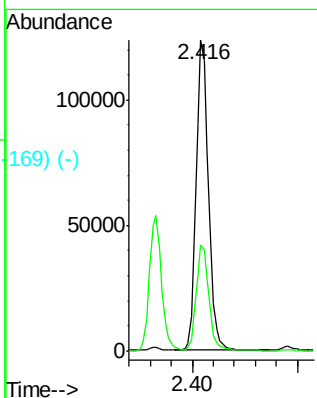
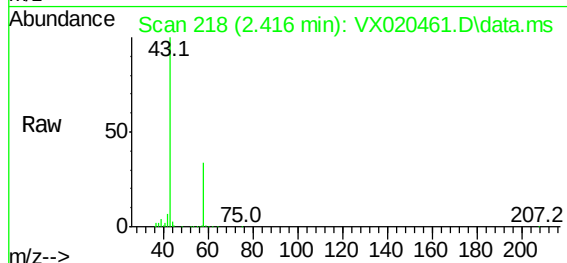




Acetone
Concen: 132.65 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020461.D
Acq: 30 Dec 2020 17:17

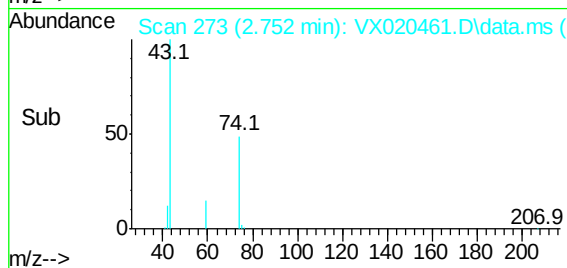
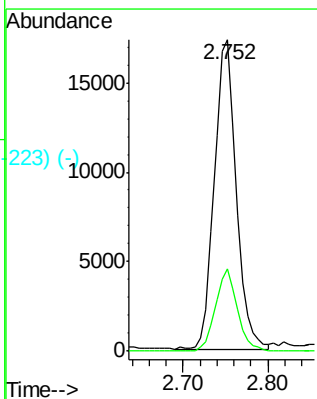
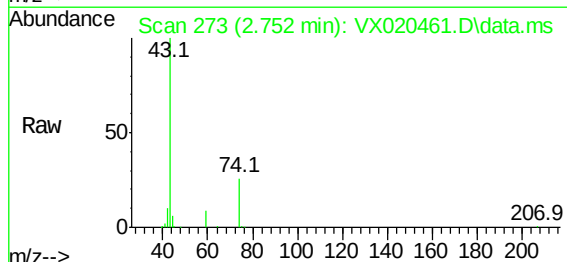
Instrument :
MSVOA_X
ClientSampleId :
31370

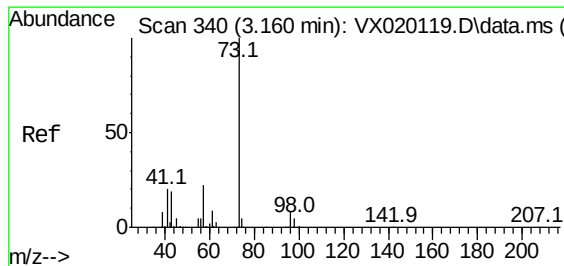
Tgt Ion: 43 Resp: 200688
Ion Ratio Lower Upper
43 100
58 34.2 27.8 41.8



Methyl Acetate
Concen: 9.06 ug/l
RT: 2.752 min Scan# 273
Delta R.T. 0.007 min
Lab File: VX020461.D
Acq: 30 Dec 2020 17:17

Tgt Ion: 43 Resp: 30557
Ion Ratio Lower Upper
43 100
74 25.8 21.9 32.9

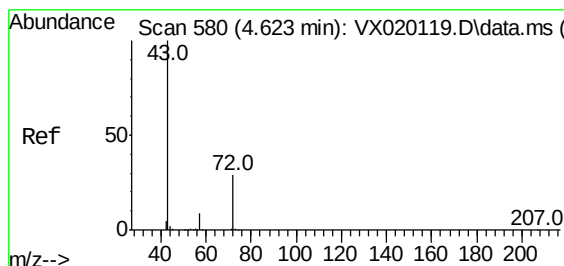
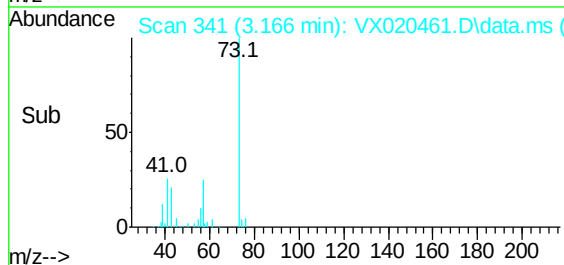
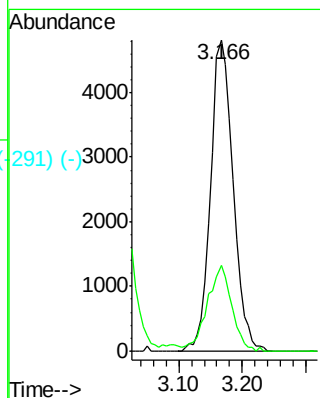
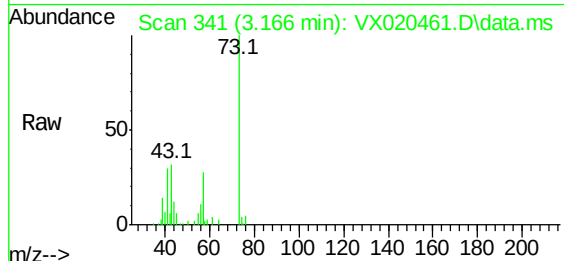




Methyl tert-butyl Ether
 Concen: 1.21 ug/l
 RT: 3.166 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VX020461.D
 Acq: 30 Dec 2020 17:17

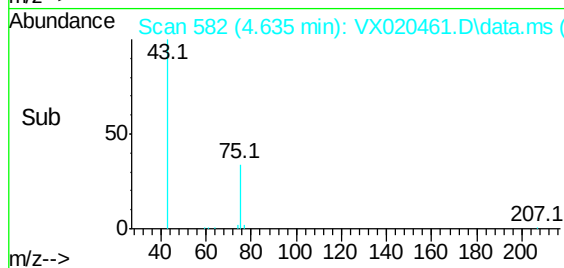
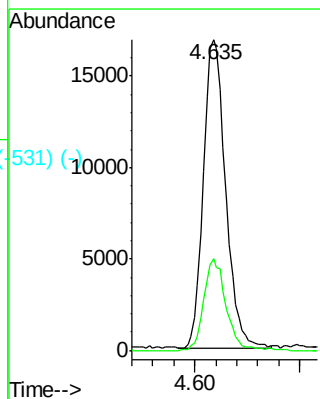
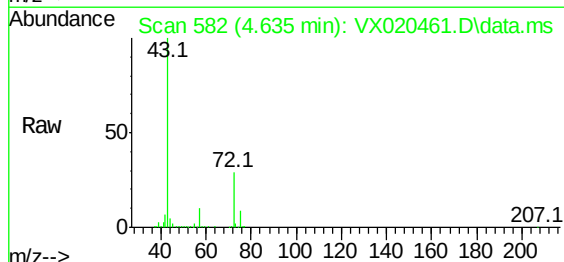
Instrument :
 MSVOA_X
 ClientSampleId :
 31370

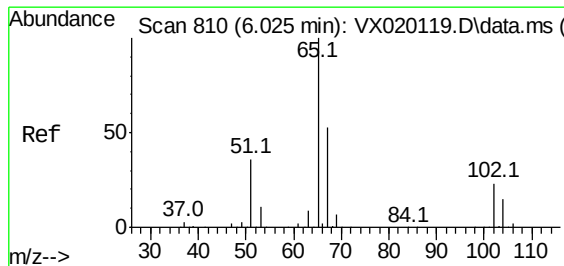
Tgt Ion: 73 Resp: 11417
 Ion Ratio Lower Upper
 73 100
 57 27.5 17.1 25.7#



2-Butanone
 Concen: 22.51 ug/l
 RT: 4.635 min Scan# 582
 Delta R.T. 0.012 min
 Lab File: VX020461.D
 Acq: 30 Dec 2020 17:17

Tgt Ion: 43 Resp: 49558
 Ion Ratio Lower Upper
 43 100
 72 29.6 23.7 35.5

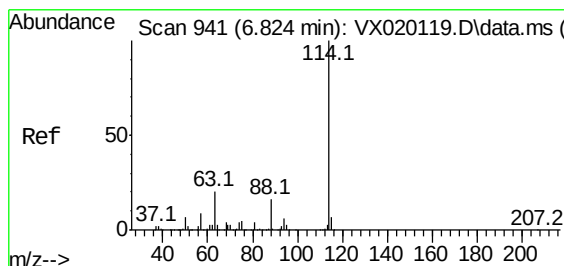
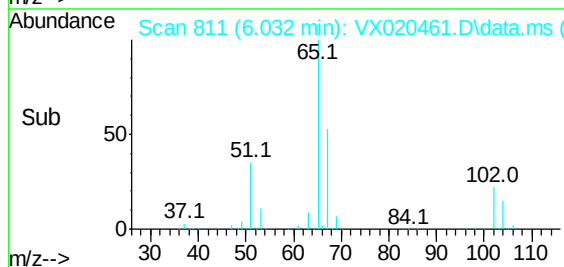
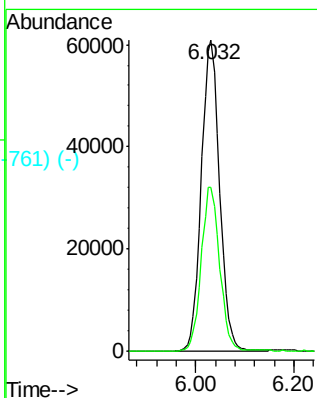
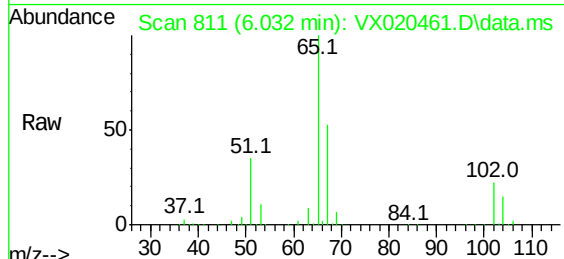




1,2-Dichloroethane-d4
Concen: 47.36 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.007 min
Lab File: VX020461.D
Acq: 30 Dec 2020 17:17

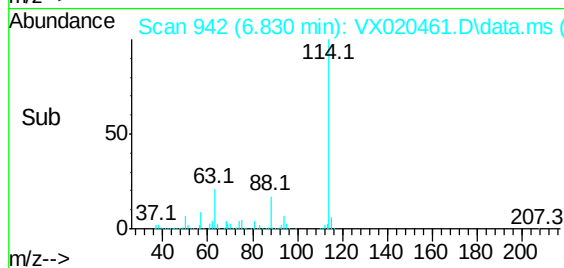
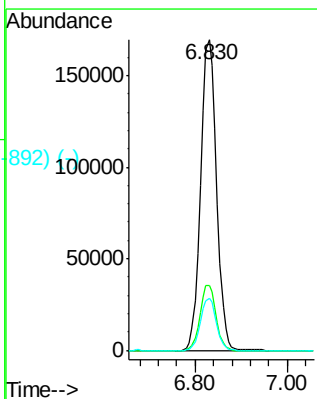
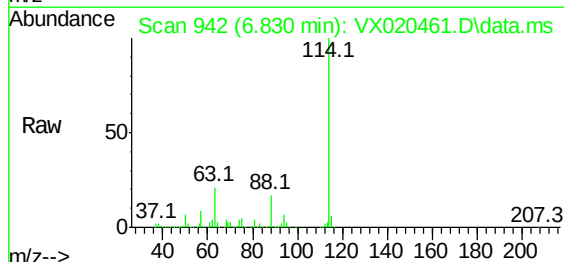
Instrument :
MSVOA_X
ClientSampleId :
31370

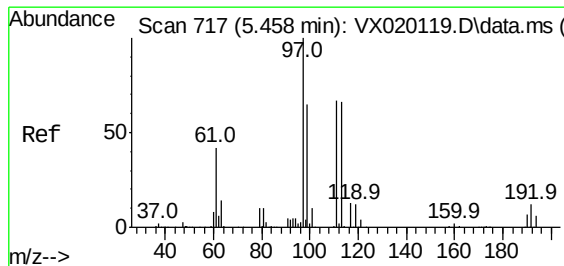
Tgt Ion: 65 Resp: 157141
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4



1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020461.D
Acq: 30 Dec 2020 17:17

Tgt Ion: 114 Resp: 403054
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 16.9 0.0 32.8

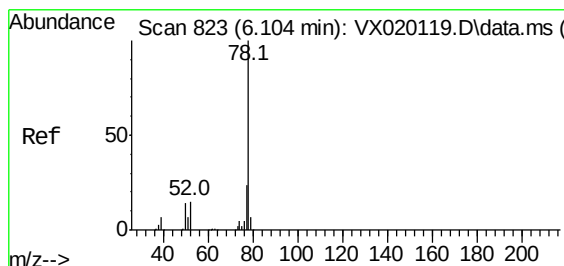
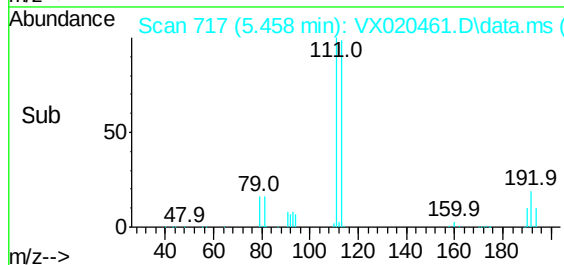
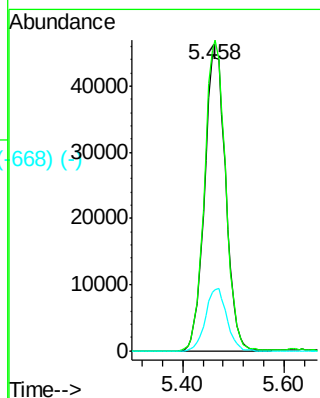
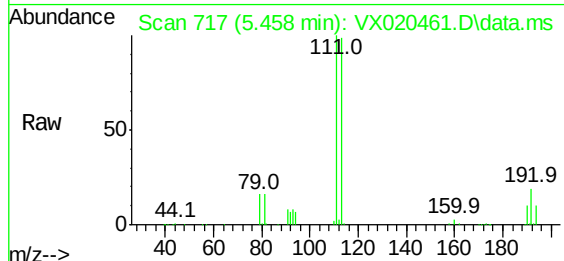




Dibromofluoromethane
Concen: 50.58 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX020461.D
Acq: 30 Dec 2020 17:17

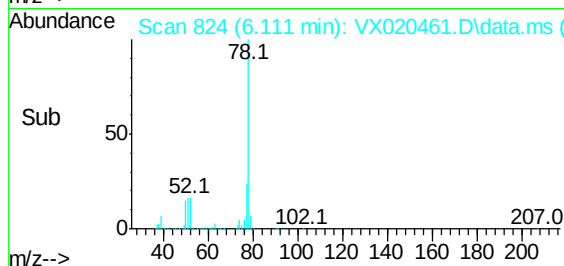
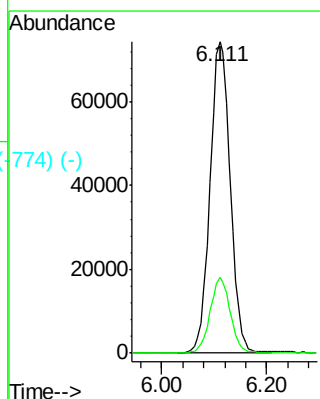
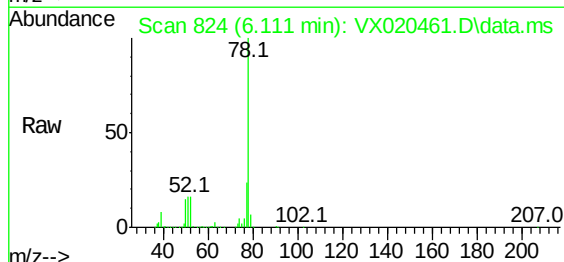
Instrument :
MSVOA_X
ClientSampleId :
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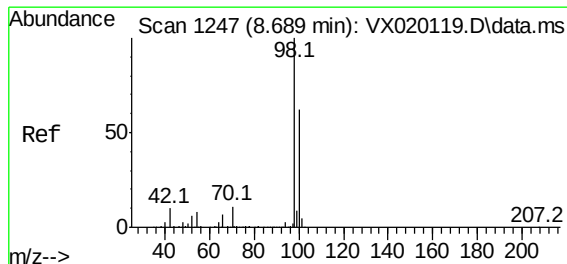
Tgt Ion:113 Resp: 130401
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 20.6 16.7 25.1



Benzene
Concen: 15.91 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.007 min
Lab File: VX020461.D
Acq: 30 Dec 2020 17:17

Tgt Ion: 78 Resp: 197257
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3

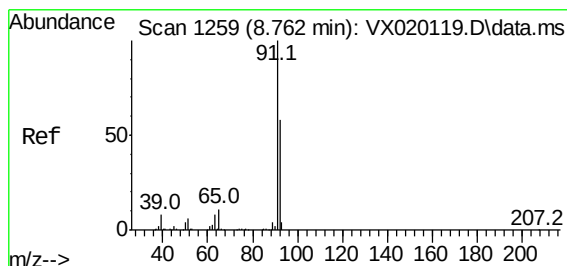
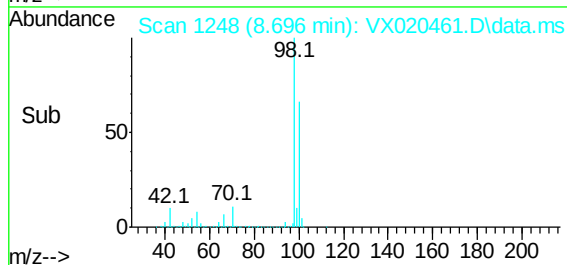
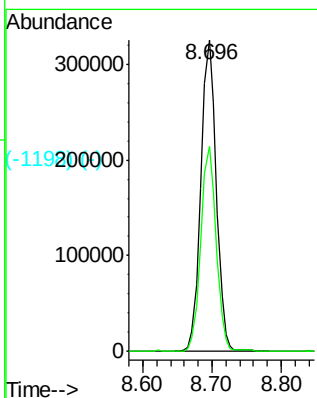
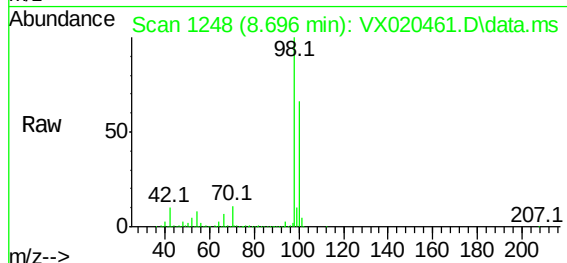




#1247 (-)
Toluene-d8
Concen: 50.02 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020461.D
Acq: 30 Dec 2020 17:17

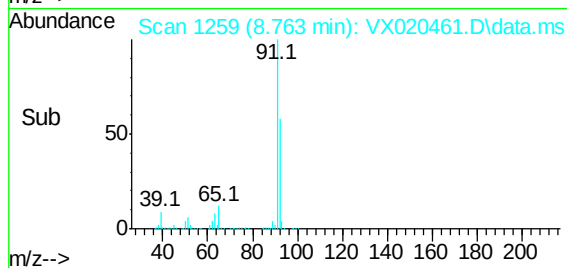
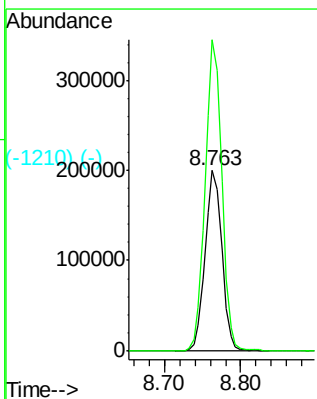
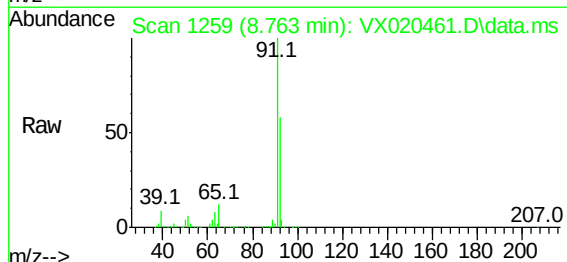
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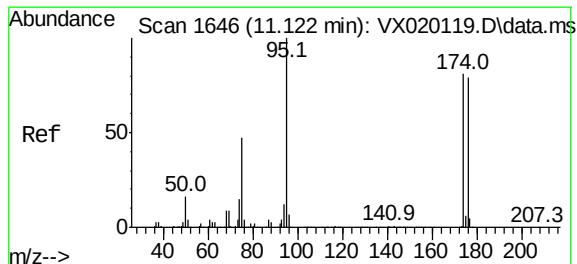
Tgt Ion: 98 Resp: 496418
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#1259 (-)
Toluene
Concen: 39.95 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020461.D
Acq: 30 Dec 2020 17:17

Tgt Ion: 92 Resp: 302345
Ion Ratio Lower Upper
92 100
91 171.8 137.1 205.7



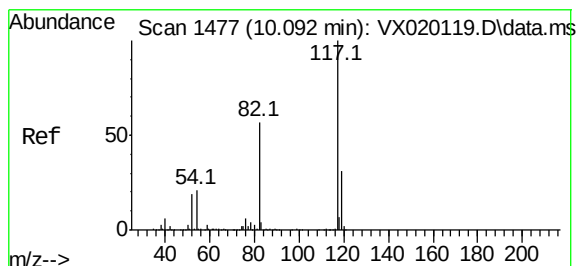
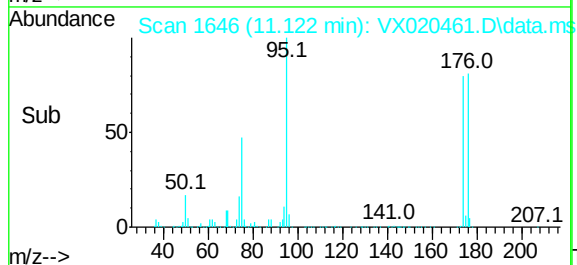
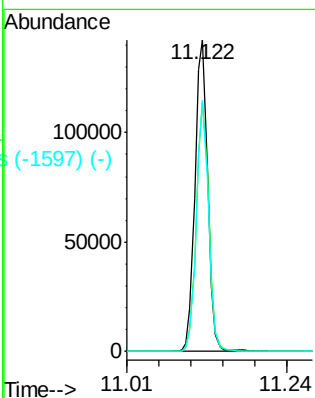
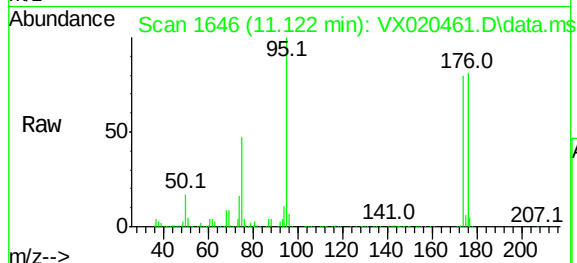


Scan 1646 (11.122 min): VX020119.D\data.ms
 #639 (-)
 4-Bromofluorobenzene
 Concen: 47.05 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.000 min
 Lab File: VX020461.D
 Acq: 30 Dec 2020 17:17

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion: 95 Resp: 178736

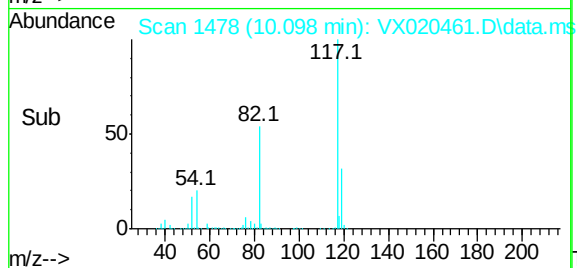
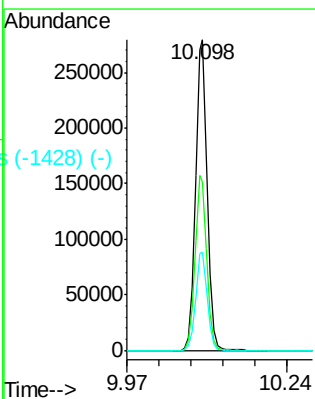
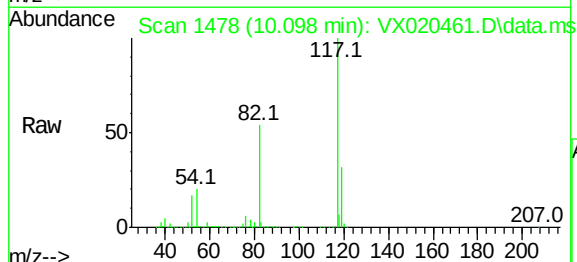
Ion	Ratio	Lower	Upper
95	100		
174	78.7	0.0	154.6
176	77.0	0.0	155.8

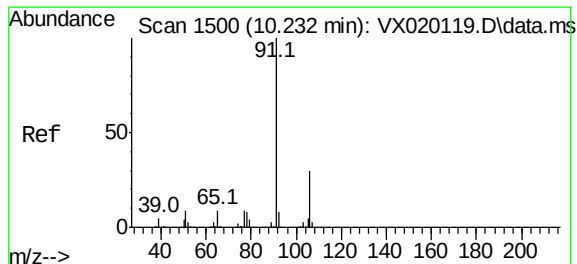


Scan 1477 (10.092 min): VX020119.D\data.ms
 #640 (-)
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.098 min Scan# 1478
 Delta R.T. 0.006 min
 Lab File: VX020461.D
 Acq: 30 Dec 2020 17:17

Tgt Ion: 117 Resp: 383988

Ion	Ratio	Lower	Upper
117	100		
82	54.3	47.4	71.2
119	31.7	26.6	39.8

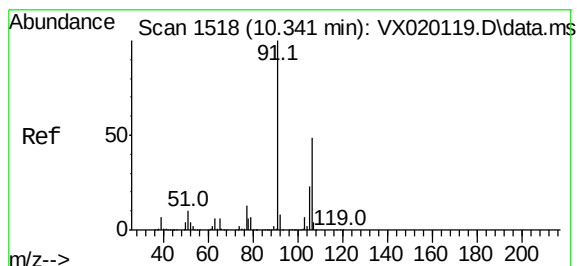
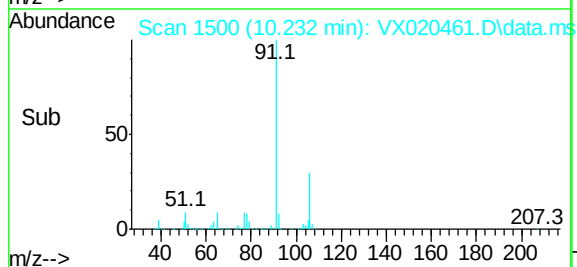
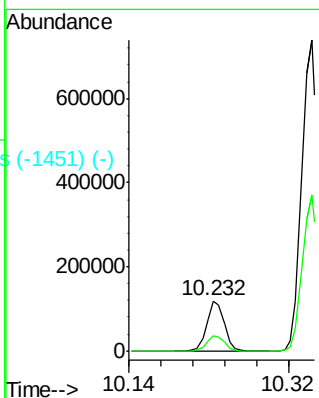
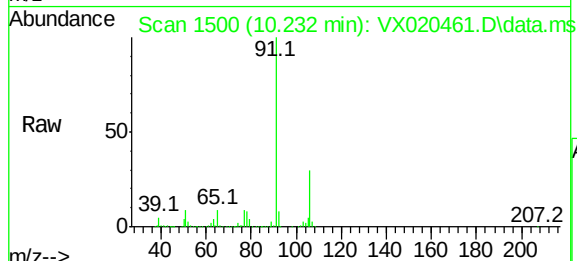




#6793 (-)
Ethyl Benzene
Concen: 10.91 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020461.D
Acq: 30 Dec 2020 17:17

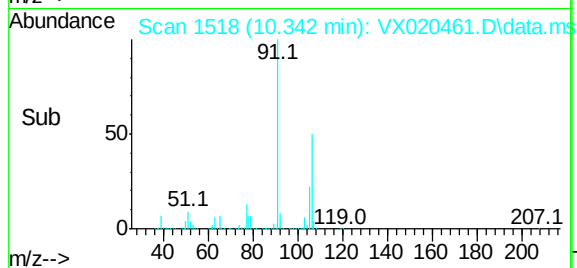
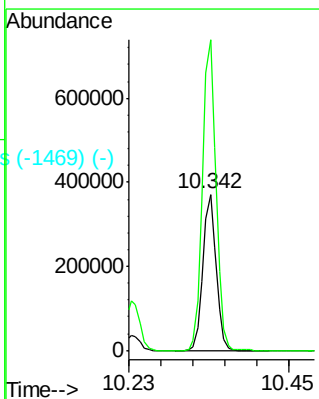
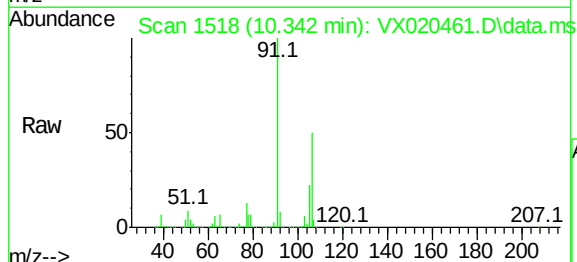
Instrument :
MSVOA_X
ClientSampled :
31370

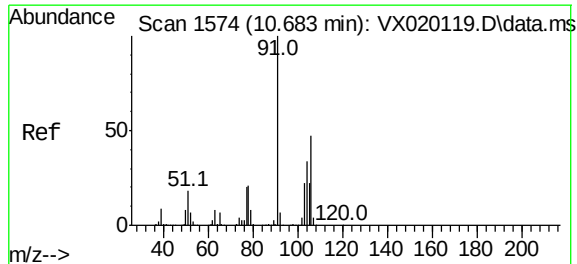
Tgt Ion: 91 Resp: 157168
Ion Ratio Lower Upper
91 100
106 30.3 24.6 37.0



#6811 (-)
m/p-Xylenes
Concen: 87.95 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. 0.001 min
Lab File: VX020461.D
Acq: 30 Dec 2020 17:17

Tgt Ion: 106 Resp: 472854
Ion Ratio Lower Upper
106 100
91 204.3 162.8 244.2

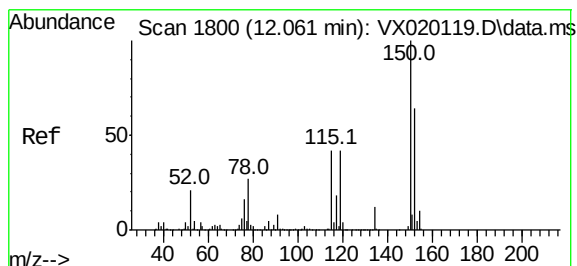
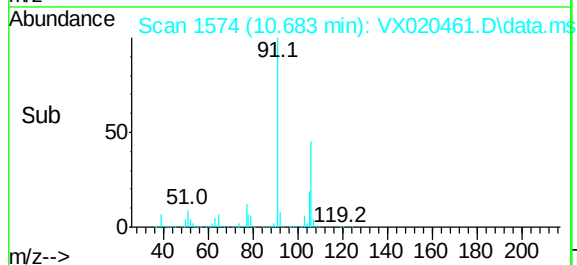
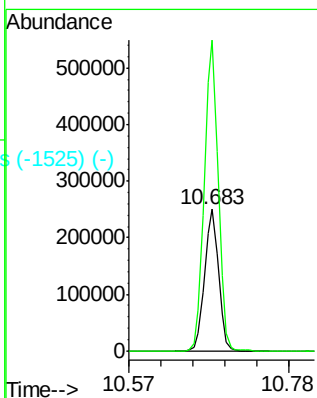
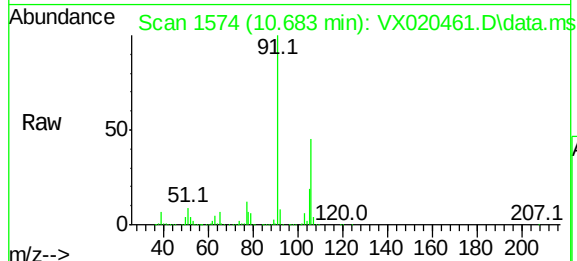




#697 (-)
o-Xylene
Concen: 60.41 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VX020461.D
Acq: 30 Dec 2020 17:17

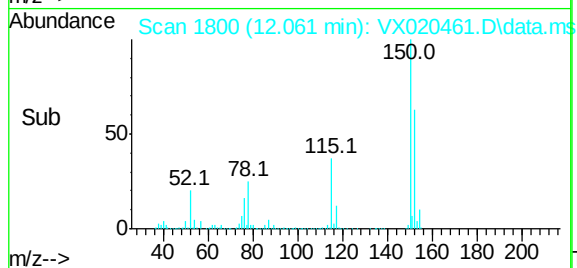
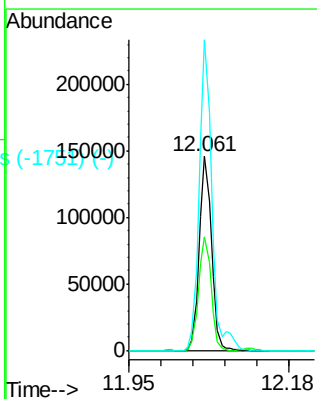
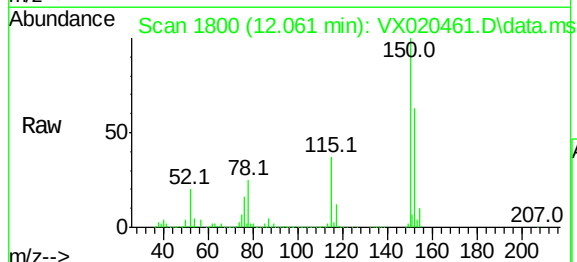
Instrument :
MSVOA_X
ClientSampleId :
31370

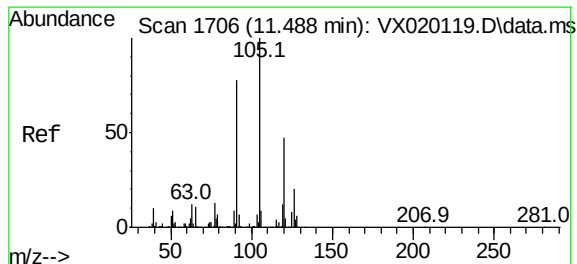
Tgt Ion:106 Resp: 312566
Ion Ratio Lower Upper
106 100
91 219.3 108.1 324.2



#1794 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020461.D
Acq: 30 Dec 2020 17:17

Tgt Ion:152 Resp: 176728
Ion Ratio Lower Upper
152 100
115 59.2 41.1 123.3
150 165.8 0.0 349.0

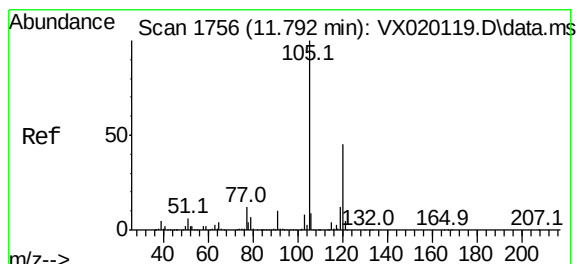
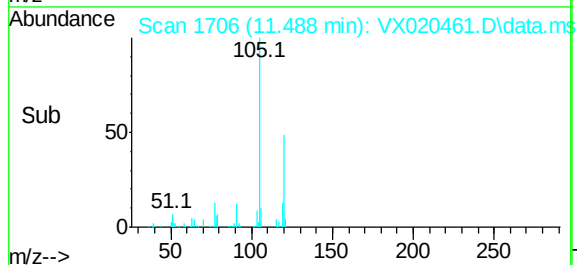
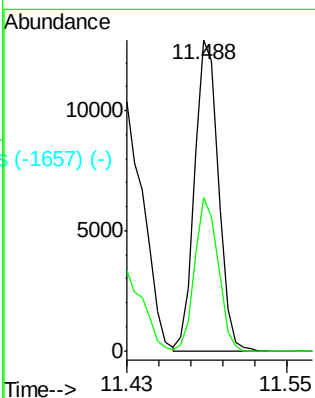
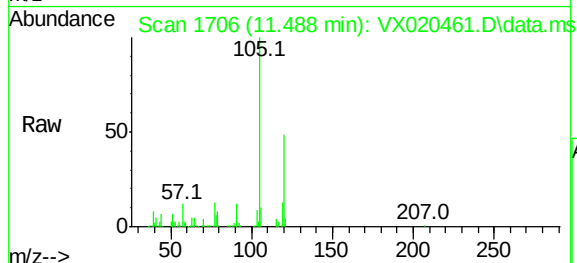




#8700 (-)
 1,3,5-Trimethylbenzene
 Concen: 1.51 ug/l
 RT: 11.488 min Scan# 1706
 Delta R.T. -0.000 min
 Lab File: VX020461.D
 Acq: 30 Dec 2020 17:17

Instrument :
 MSVOA_X
 ClientSampleId :
 31370

Tgt Ion:105 Resp: 16367
 Ion Ratio Lower Upper
 105 100
 120 48.4 23.8 71.5



#8745 (-)
 1,2,4-Trimethylbenzene
 Concen: 6.28 ug/l
 RT: 11.793 min Scan# 1756
 Delta R.T. 0.001 min
 Lab File: VX020461.D
 Acq: 30 Dec 2020 17:17

Tgt Ion:105 Resp: 68949
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.4 67.3

