

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123020\
 Data File : VX020457.D
 Acq On : 30 Dec 2020 15:44
 Operator : JC/MD
 Sample : L5222-13 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31365

Quant Time: Dec 31 01:07:53 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	238918	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	401428	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	377394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	168601	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.031	65	152943	47.76	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.52%
35) Dibromofluoromethane	5.464	113	127778	49.76	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.52%
50) Toluene-d8	8.696	98	490715	49.64	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.28%
62) 4-Bromofluorobenzene	11.122	95	175390	46.36	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.72%

Target Compounds

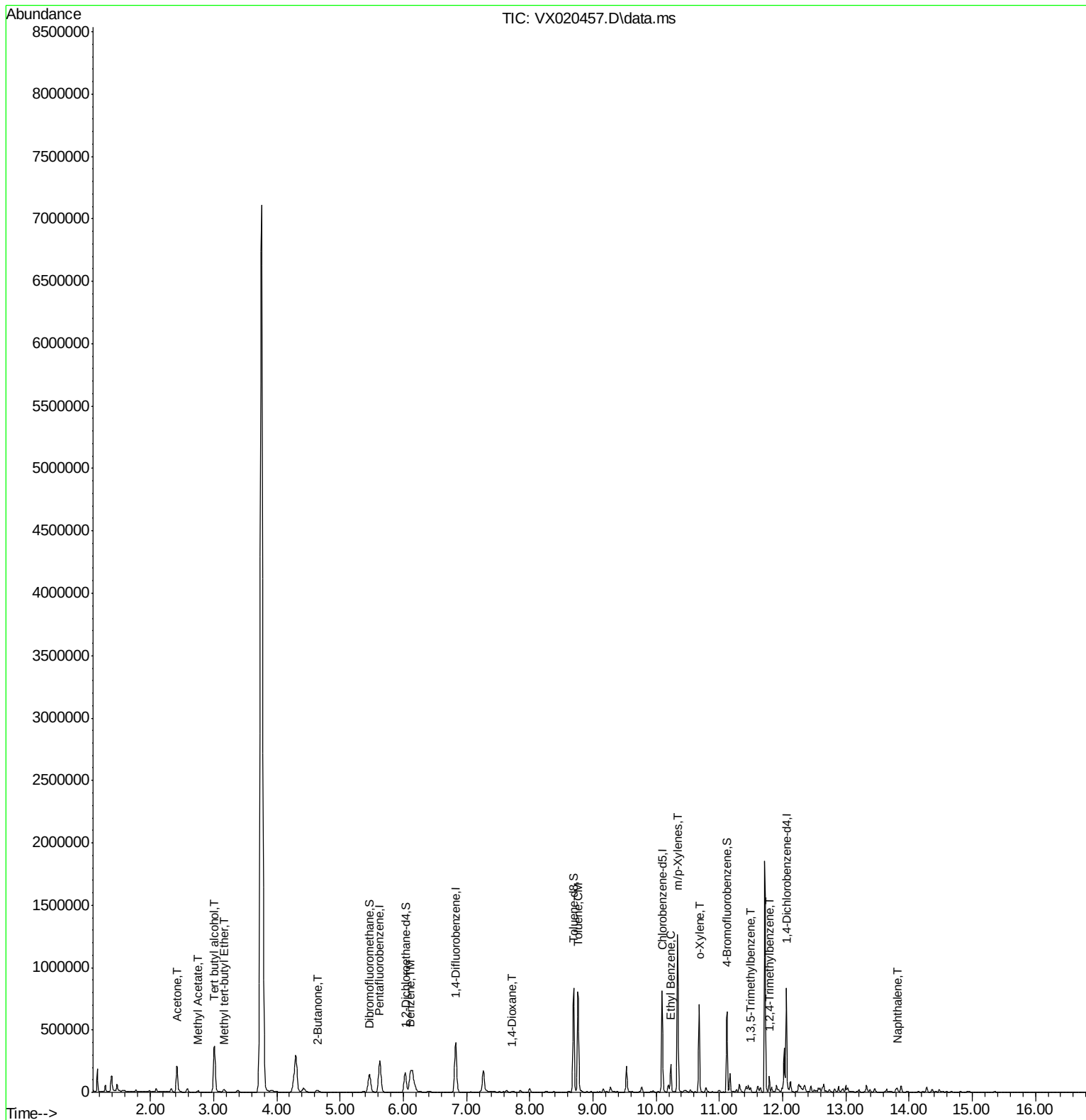
						Qvalue
11) Tert butyl alcohol	3.014	59	44485	62.03	ug/l #	76
16) Acetone	2.416	43	215122	147.30	ug/l	98
18) Methyl Acetate	2.752	43	15876	4.87	ug/l	99
19) Methyl tert-butyl Ether	3.172	73	19726	2.16	ug/l	97
25) 2-Butanone	4.641	43	24380	11.47	ug/l	96
40) Benzene	6.111	78	178402	14.44	ug/l	99
49) 1,4-Dioxane	7.720	88	1525	20.42	ug/l #	72
52) Toluene	8.763	92	310903	41.25	ug/l	100
67) Ethyl Benzene	10.232	91	126424	8.93	ug/l	98
68) m/p-Xylenes	10.342	106	290214	54.92	ug/l	99
69) o-Xylene	10.683	106	153518	30.19	ug/l	100
80) 1,3,5-Trimethylbenzene	11.488	105	12612	1.22	ug/l	99
84) 1,2,4-Trimethylbenzene	11.793	105	54739	5.23	ug/l	98
95) Naphthalene	13.817	128	19765	1.70	ug/l	99

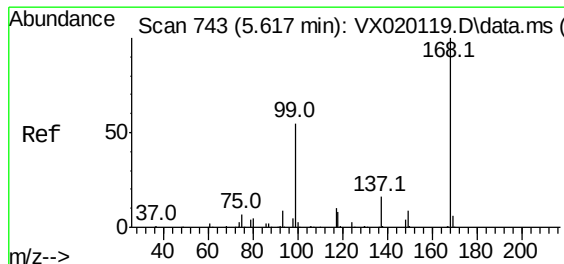
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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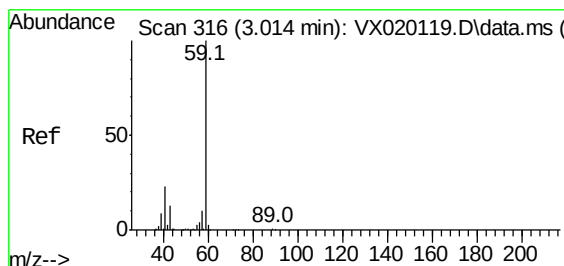
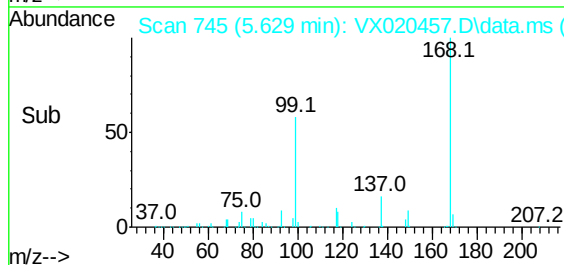
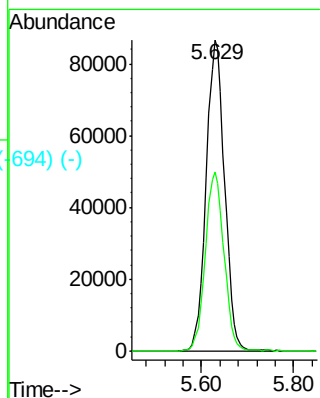
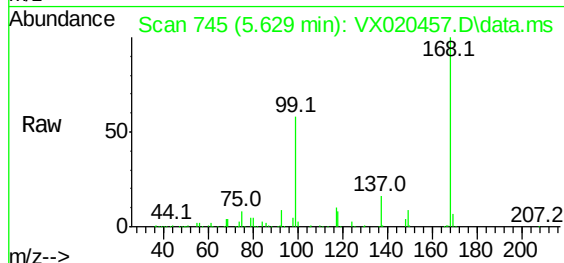




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020457.D
 Acq: 30 Dec 2020 15:44

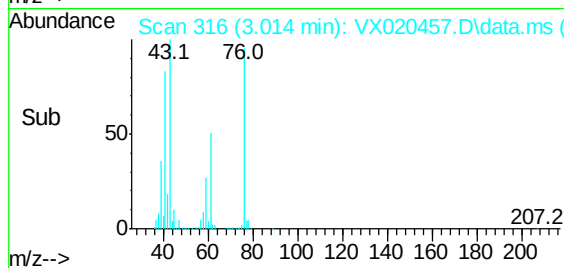
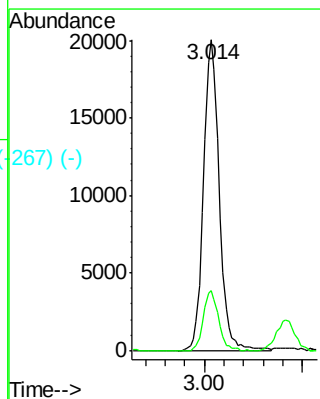
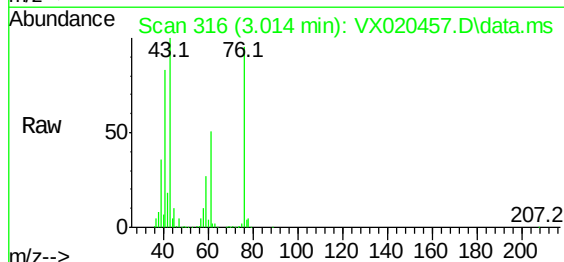
Instrument :
 MSVOA_X
 ClientSampleId :
 31365

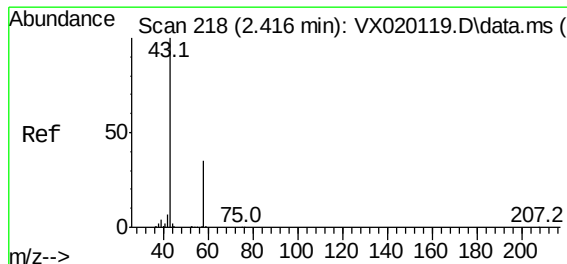
Tgt Ion:168 Resp: 238918
 Ion Ratio Lower Upper
 168 100
 99 57.7 45.8 68.6



Tert butyl alcohol
 Concen: 62.03 ug/l
 RT: 3.014 min Scan# 316
 Delta R.T. -0.000 min
 Lab File: VX020457.D
 Acq: 30 Dec 2020 15:44

Tgt Ion: 59 Resp: 44485
 Ion Ratio Lower Upper
 59 100
 57 18.5 7.8 11.8#

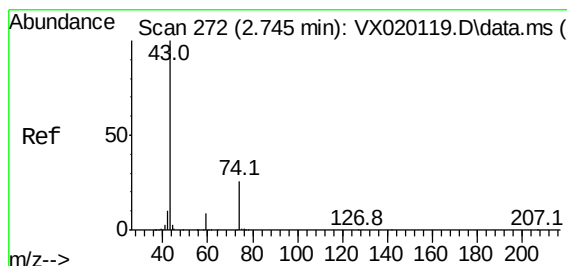
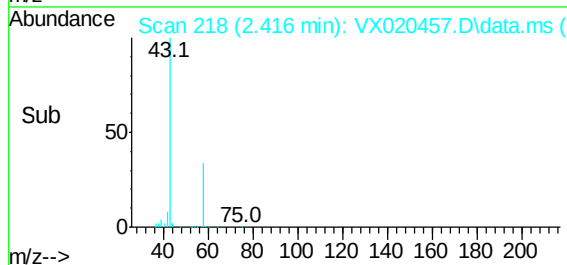
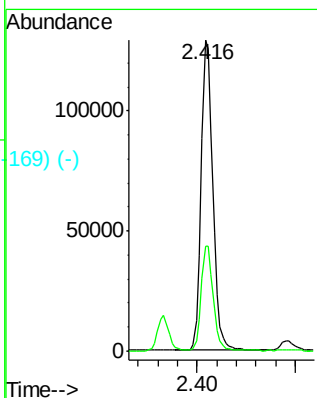
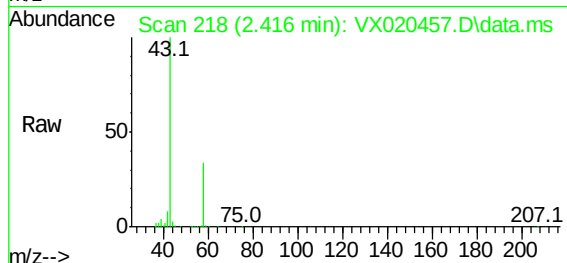




Acetone
Concen: 147.30 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020457.D
Acq: 30 Dec 2020 15:44

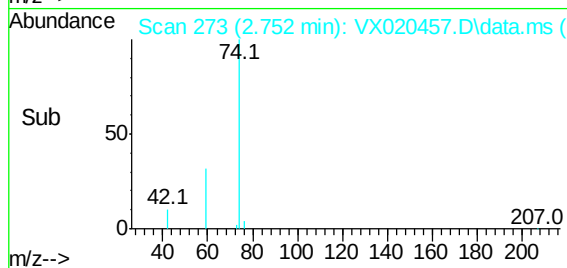
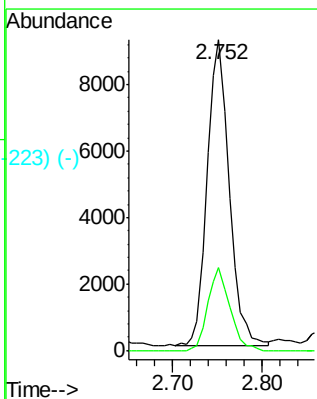
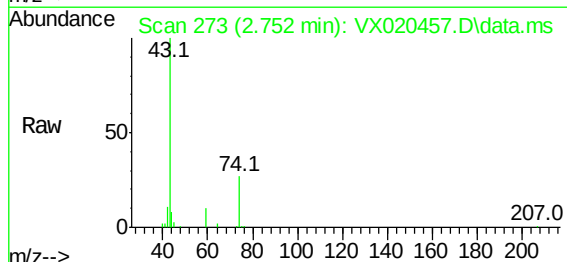
Instrument :
MSVOA_X
ClientSampleId :
31365

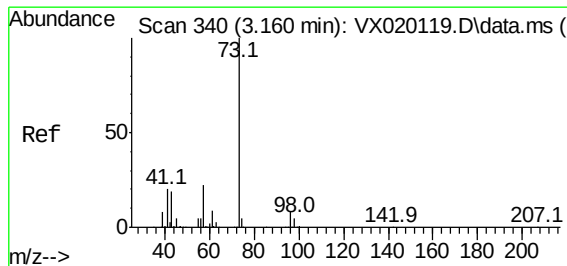
Tgt Ion: 43 Resp: 215122
Ion Ratio Lower Upper
43 100
58 33.5 27.8 41.8



Methyl Acetate
Concen: 4.87 ug/l
RT: 2.752 min Scan# 273
Delta R.T. 0.007 min
Lab File: VX020457.D
Acq: 30 Dec 2020 15:44

Tgt Ion: 43 Resp: 15876
Ion Ratio Lower Upper
43 100
74 26.8 21.9 32.9

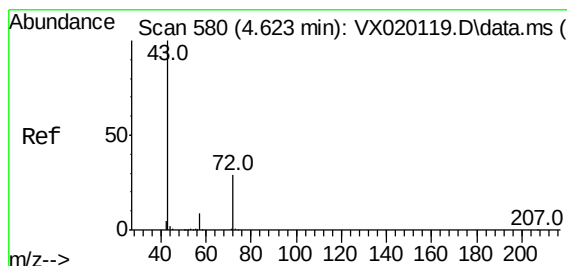
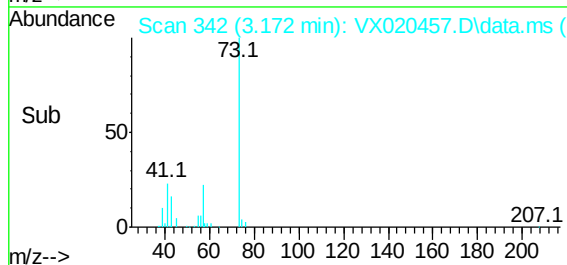
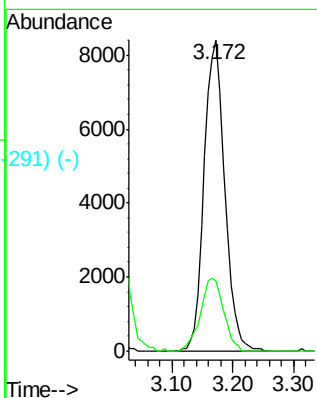
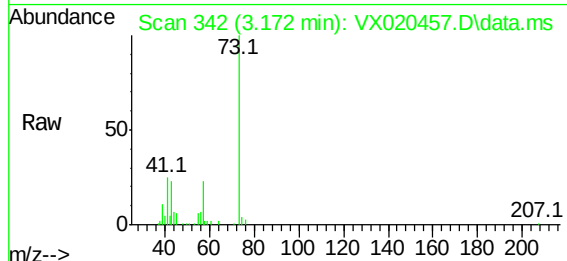




#349 (-)
Methyl tert-butyl Ether
Concen: 2.16 ug/l
RT: 3.172 min Scan# 342
Delta R.T. 0.012 min
Lab File: VX020457.D
Acq: 30 Dec 2020 15:44

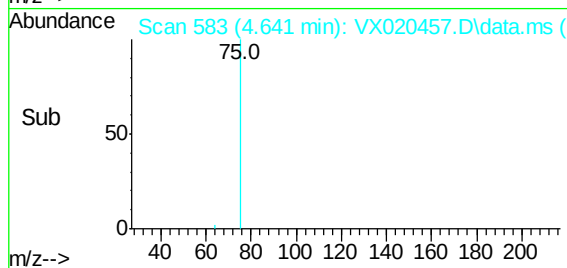
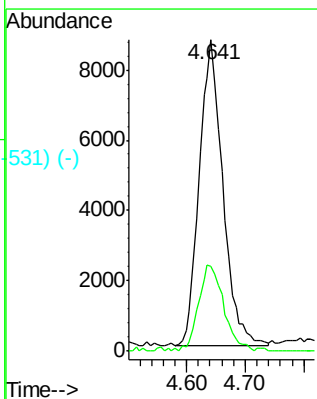
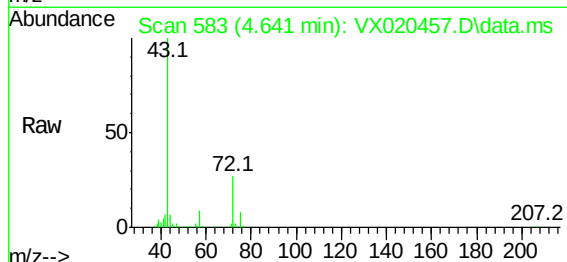
Instrument :
MSVOA_X
ClientSampleId :
31365

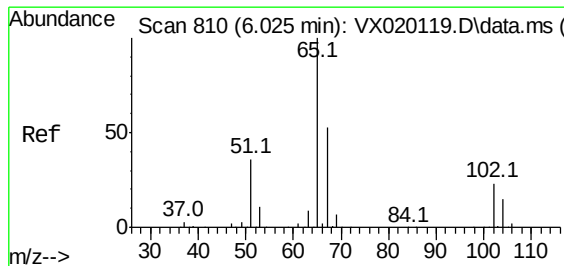
Tgt Ion: 73 Resp: 19726
Ion Ratio Lower Upper
73 100
57 22.7 17.1 25.7



#505 (-)
2-Butanone
Concen: 11.47 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.018 min
Lab File: VX020457.D
Acq: 30 Dec 2020 15:44

Tgt Ion: 43 Resp: 24380
Ion Ratio Lower Upper
43 100
72 27.6 23.7 35.5

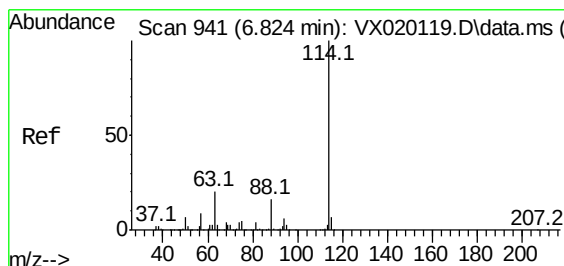
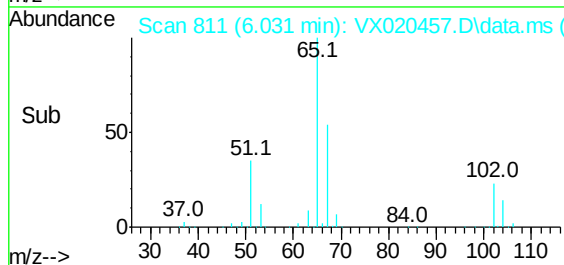
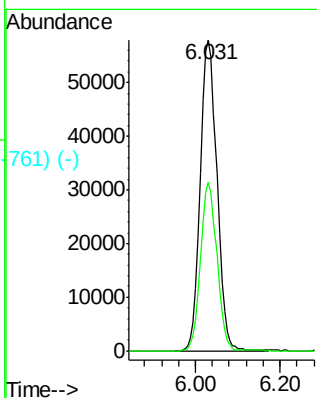
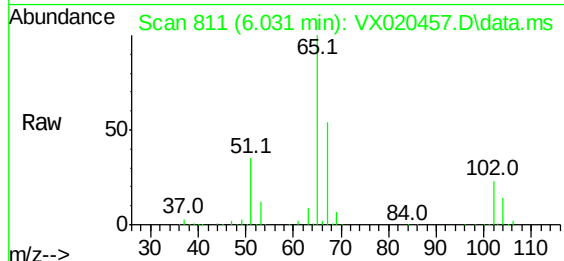




1,2-Dichloroethane-d4
Concen: 47.76 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020457.D
Acq: 30 Dec 2020 15:44

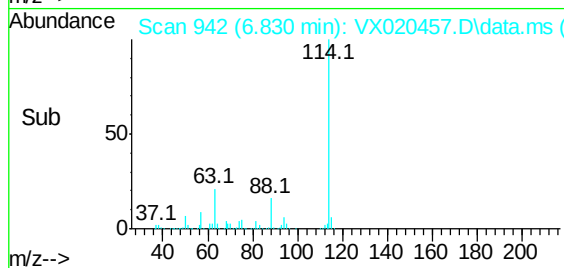
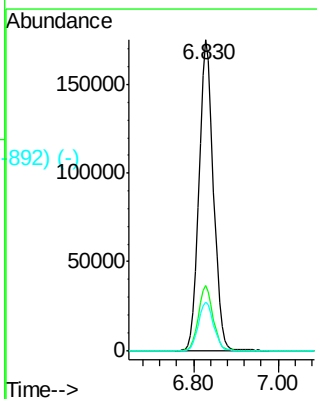
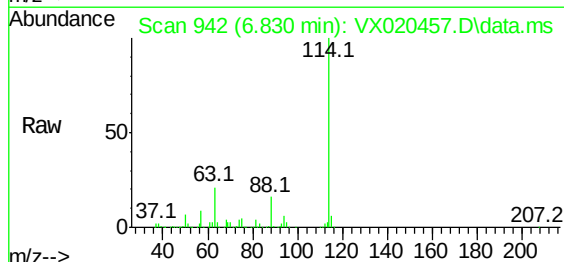
Instrument :
MSVOA_X
ClientSampled :
31365

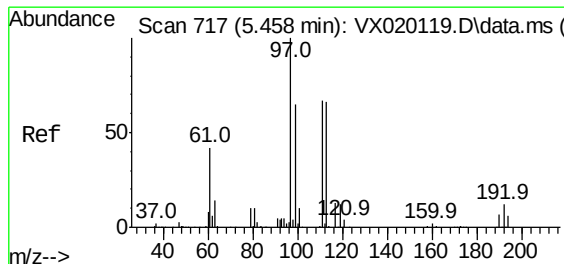
Tgt Ion: 65 Resp: 152943
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4



1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020457.D
Acq: 30 Dec 2020 15:44

Tgt Ion: 114 Resp: 401428
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 15.7 0.0 32.8

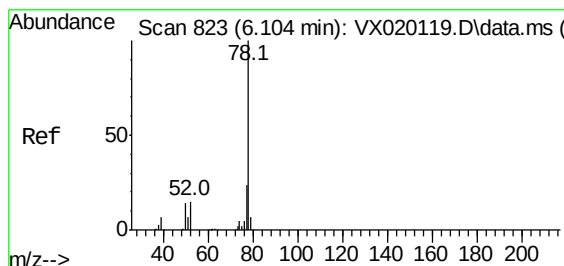
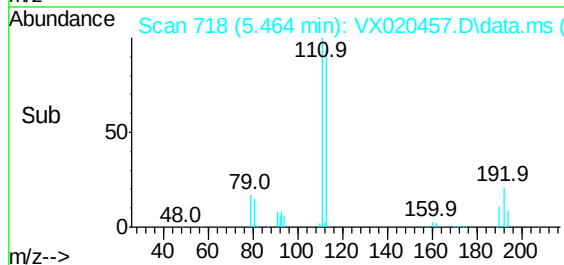
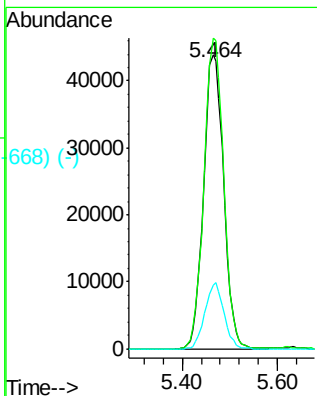
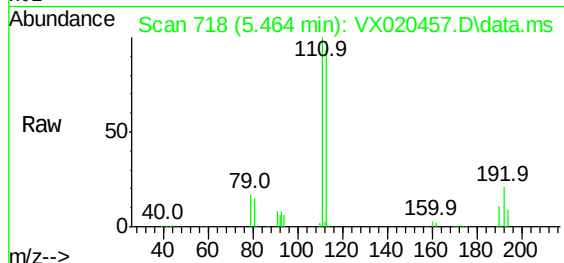




Dibromofluoromethane
Concen: 49.76 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020457.D
Acq: 30 Dec 2020 15:44

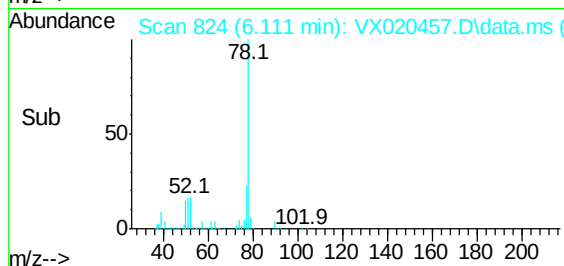
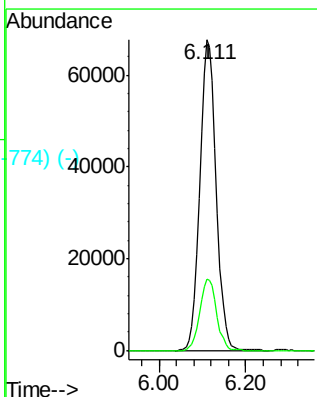
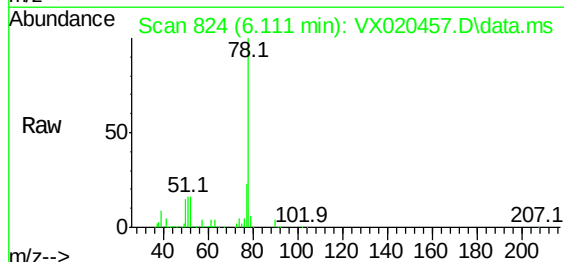
Instrument :
MSVOA_X
ClientSampleId :
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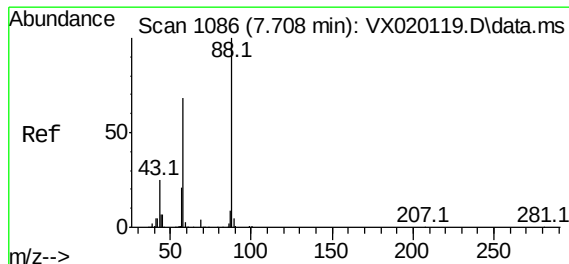
Tgt Ion:113 Resp: 127778
Ion Ratio Lower Upper
113 100
111 104.1 81.9 122.9
192 21.3 16.7 25.1



Benzene
Concen: 14.44 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.007 min
Lab File: VX020457.D
Acq: 30 Dec 2020 15:44

Tgt Ion: 78 Resp: 178402
Ion Ratio Lower Upper
78 100
77 23.1 18.9 28.3

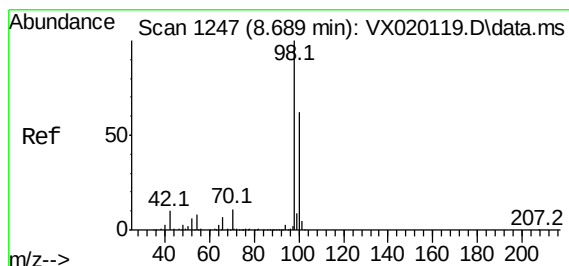
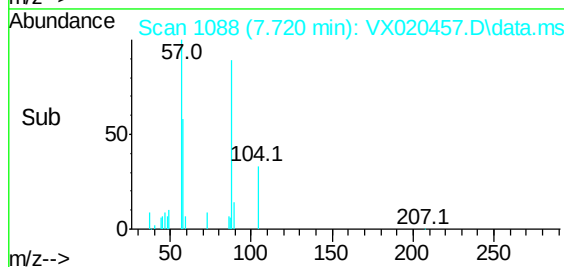
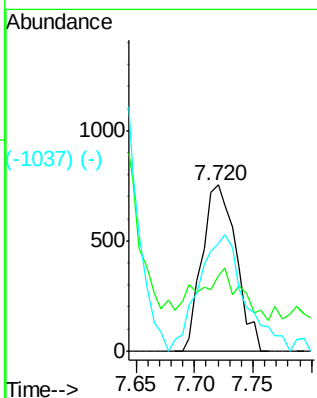
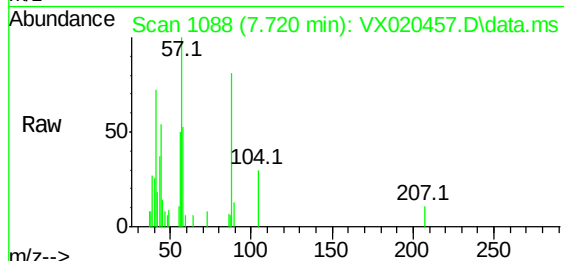




(-1079) (-)
 1,4-Dioxane
 Concen: 20.42 ug/l
 RT: 7.720 min Scan# 1088
 Delta R.T. 0.012 min
 Lab File: VX020457.D
 Acq: 30 Dec 2020 15:44

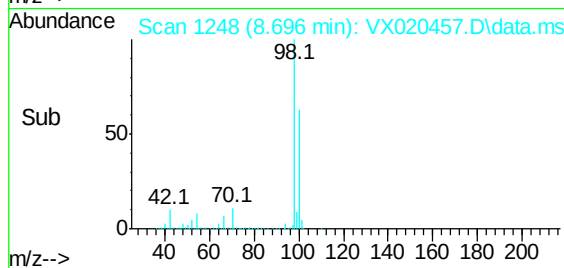
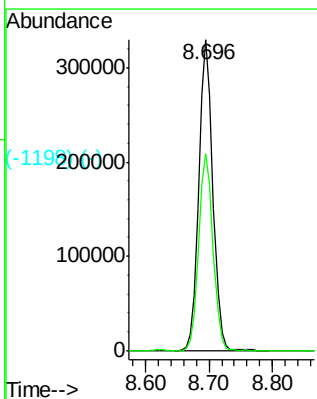
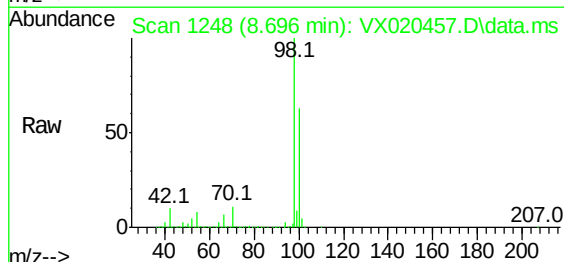
Instrument :
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 ClientSampled :
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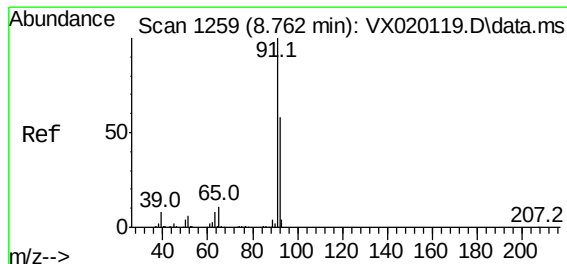
Tgt Ion:	88	Resp:	1525
Ion	Ratio	Lower	Upper
88	100		
43	39.0	23.2	34.8#
58	94.8	55.0	82.4#



(-1299) (-)
 To Luene-d8
 Concen: 49.64 ug/l
 RT: 8.696 min Scan# 1248
 Delta R.T. 0.007 min
 Lab File: VX020457.D
 Acq: 30 Dec 2020 15:44

Tgt Ion:	98	Resp:	490715
Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.9	77.9

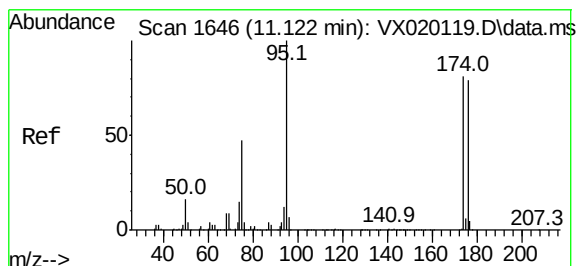
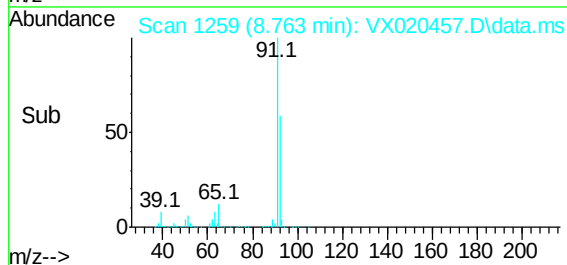
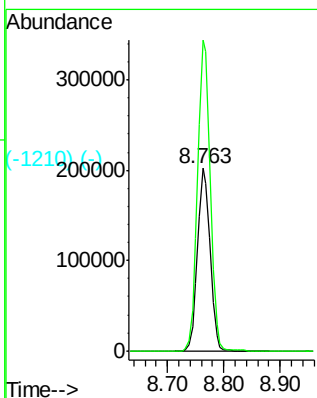
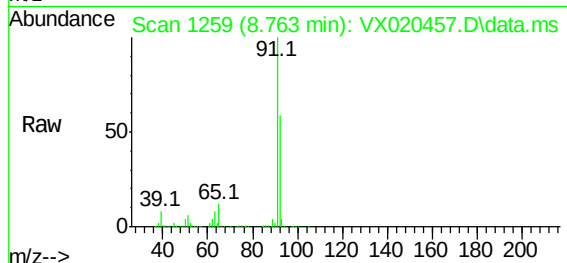




ToLuene
Concen: 41.25 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020457.D
Acq: 30 Dec 2020 15:44

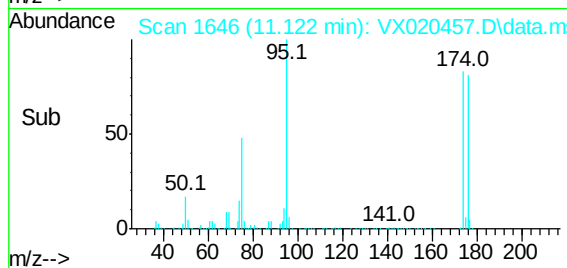
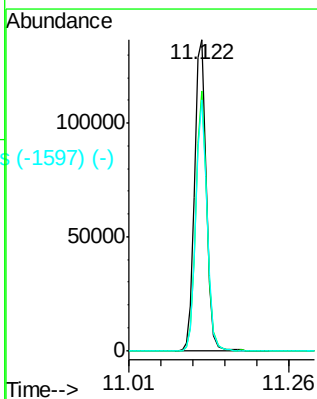
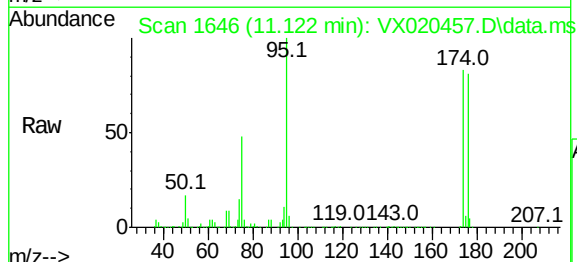
Instrument :
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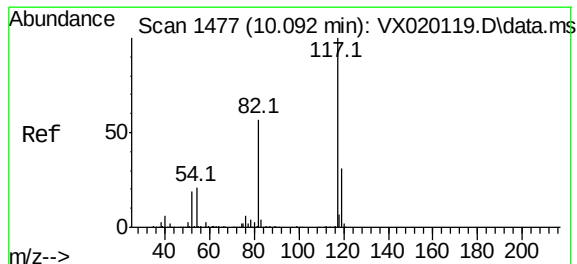
Tgt Ion: 92 Resp: 310903
Ion Ratio Lower Upper
92 100
91 171.6 137.1 205.7



4-Bromofluorobenzene
Concen: 46.36 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020457.D
Acq: 30 Dec 2020 15:44

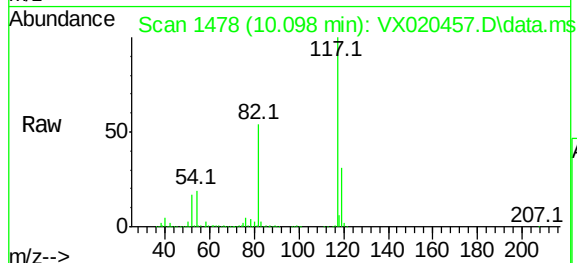
Tgt Ion: 95 Resp: 175390
Ion Ratio Lower Upper
95 100
174 78.5 0.0 154.6
176 77.3 0.0 155.8



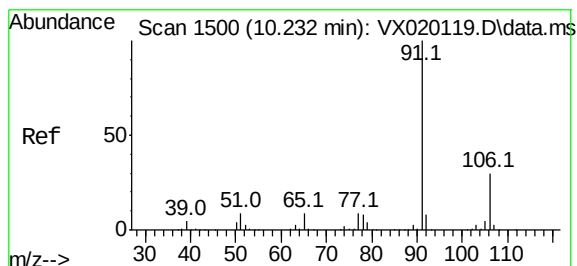
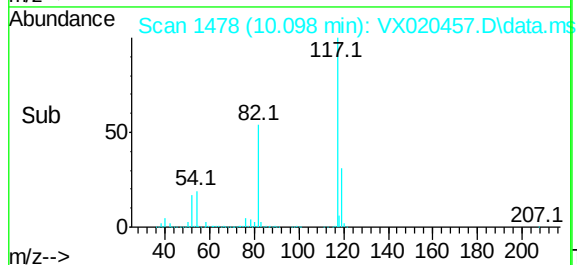
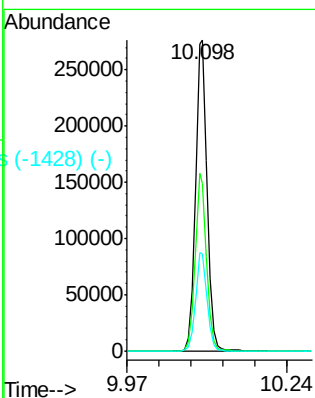


#6270 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020457.D
Acq: 30 Dec 2020 15:44

Instrument :
MSVOA_X
ClientSampleId :
31365

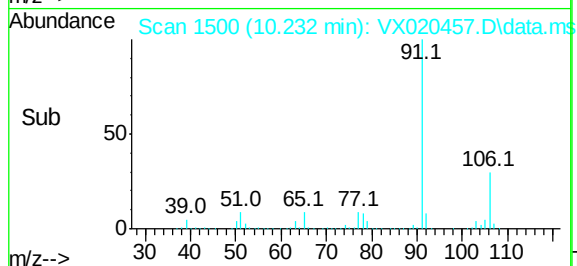
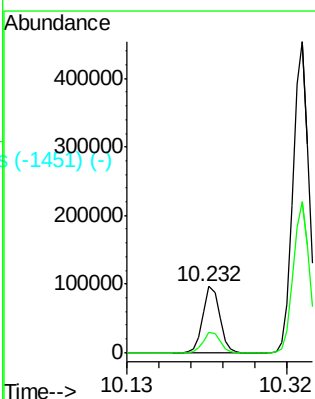
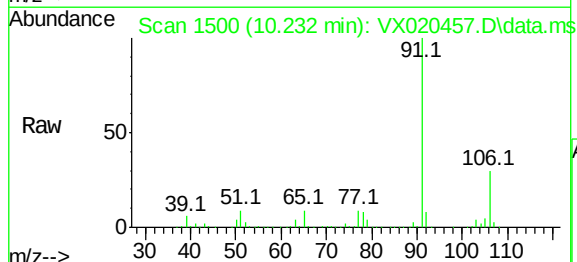


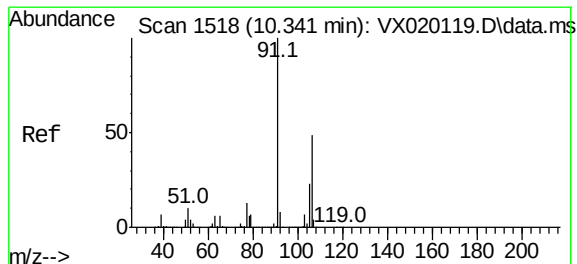
Tgt Ion:	117	Resp:	377394
Ion Ratio	Lower	Upper	
117	100		
82	53.9	47.4	71.2
119	31.4	26.6	39.8



#6293 (-)
Ethyl Benzene
Concen: 8.93 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020457.D
Acq: 30 Dec 2020 15:44

Tgt Ion:	91	Resp:	126424
Ion Ratio	Lower	Upper	
91	100		
106	29.8	24.6	37.0

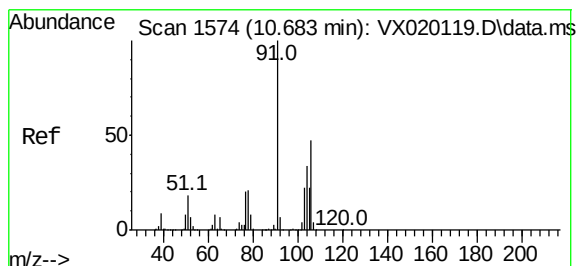
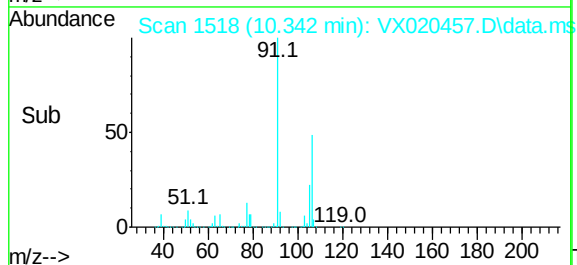
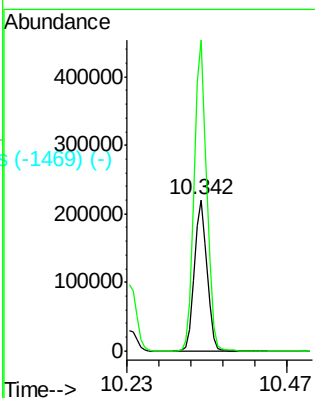
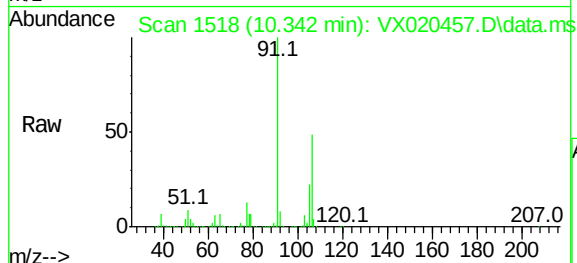




#6911 (-)
m/p-Xylenes
Concen: 54.92 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. 0.001 min
Lab File: VX020457.D
Acq: 30 Dec 2020 15:44

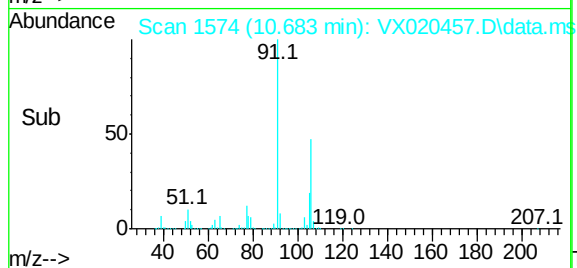
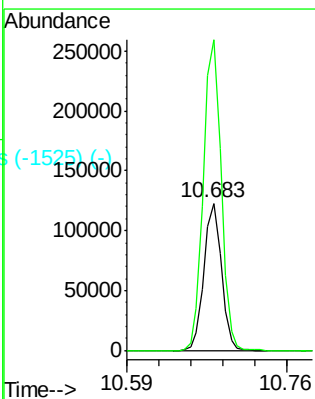
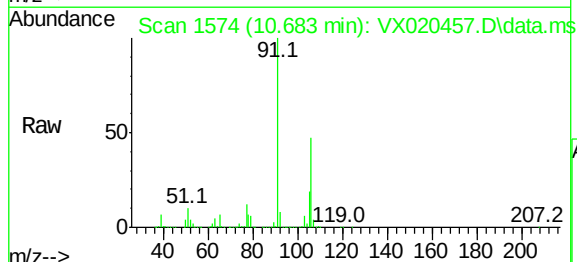
Instrument :
MSVOA_X
ClientSampleId :
31365

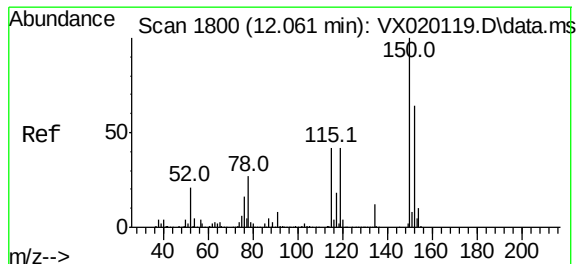
Tgt Ion:106 Resp: 290214
Ion Ratio Lower Upper
106 100
91 205.5 162.8 244.2



#6967 (-)
o-Xylene
Concen: 30.19 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VX020457.D
Acq: 30 Dec 2020 15:44

Tgt Ion:106 Resp: 153518
Ion Ratio Lower Upper
106 100
91 215.9 108.1 324.2

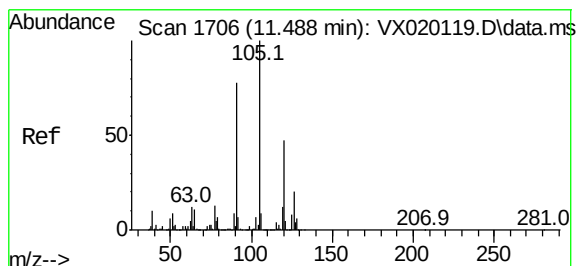
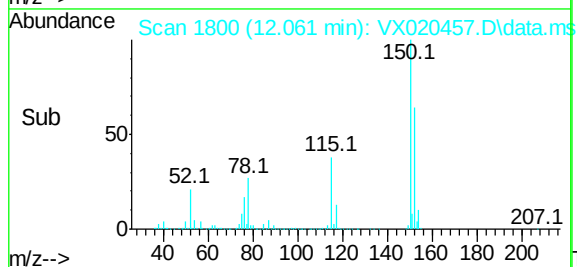
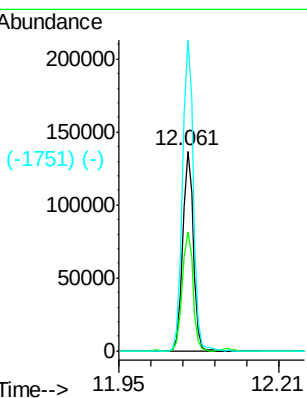
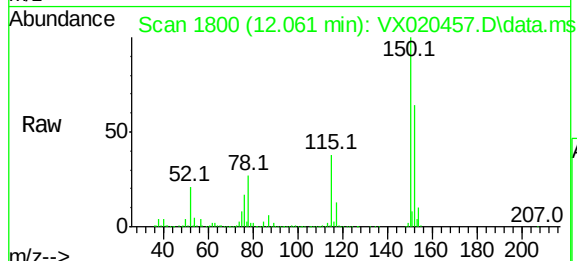




#1794 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020457.D
 Acq: 30 Dec 2020 15:44

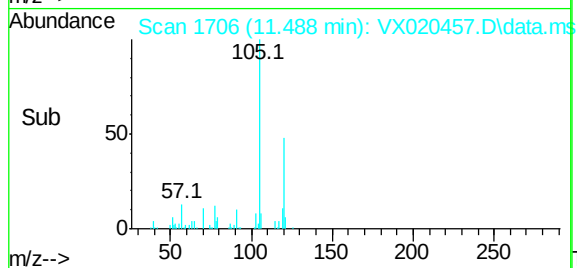
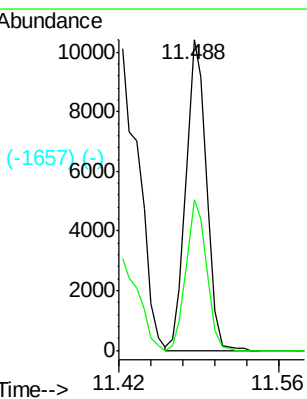
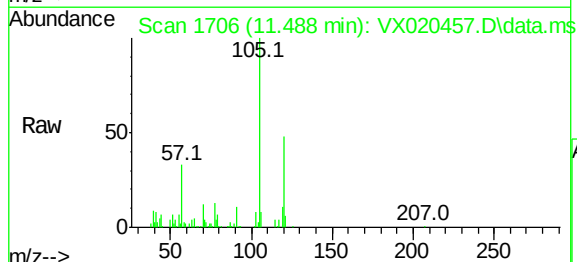
Instrument :
 MSVOA_X
 ClientSampleID :
 31365

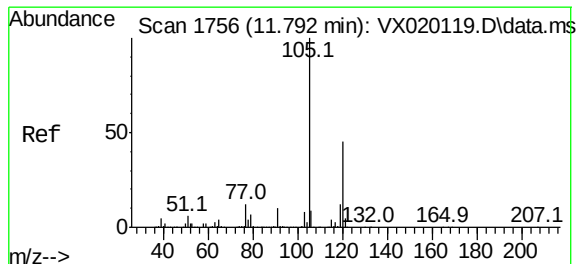
Tgt Ion:	152	Resp:	168601
Ion	Ratio	Lower	Upper
152	100		
115	60.2	41.1	123.3
150	160.1	0.0	349.0



#8000 (-)
 1,3,5-Trimethylbenzene
 Concen: 1.22 ug/l
 RT: 11.488 min Scan# 1706
 Delta R.T. -0.000 min
 Lab File: VX020457.D
 Acq: 30 Dec 2020 15:44

Tgt Ion:	105	Resp:	12612
Ion	Ratio	Lower	Upper
105	100		
120	48.3	23.8	71.5

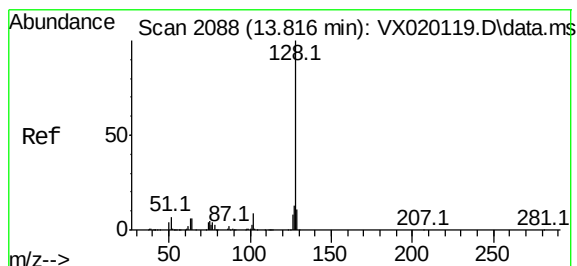
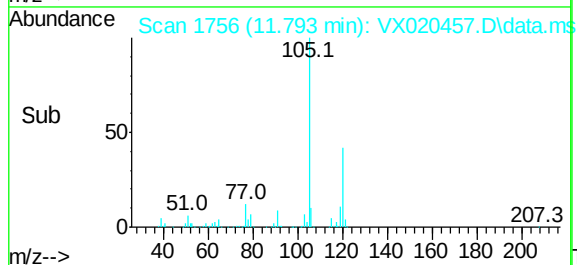
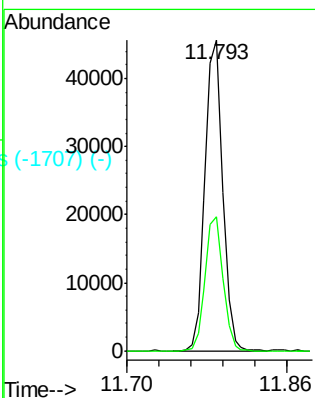
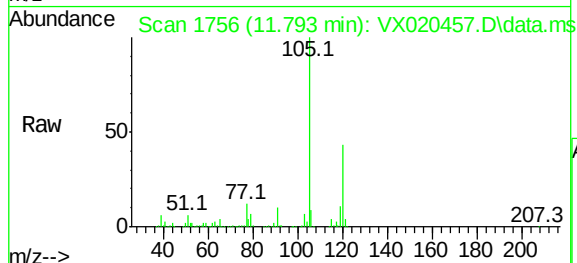




1,2,4-Trimethylbenzene
 Concen: 5.23 ug/l
 RT: 11.793 min Scan# 1756
 Delta R.T. 0.001 min
 Lab File: VX020457.D
 Acq: 30 Dec 2020 15:44

Instrument :
 MSVOA_X
 ClientSampleID :
 31365

Tgt Ion:105 Resp: 54739
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.4 67.3



Naphthalene
 Concen: 1.70 ug/l
 RT: 13.817 min Scan# 2088
 Delta R.T. 0.001 min
 Lab File: VX020457.D
 Acq: 30 Dec 2020 15:44

Tgt Ion:128 Resp: 19765
 Ion Ratio Lower Upper
 128 100
 127 12.6 10.3 15.5
 129 10.3 8.8 13.2

