

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123020\
 Data File : VX020454.D
 Acq On : 30 Dec 2020 14:35
 Operator : JC/MD
 Sample : L5222-07 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31368

Quant Time: Dec 31 01:06:47 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)

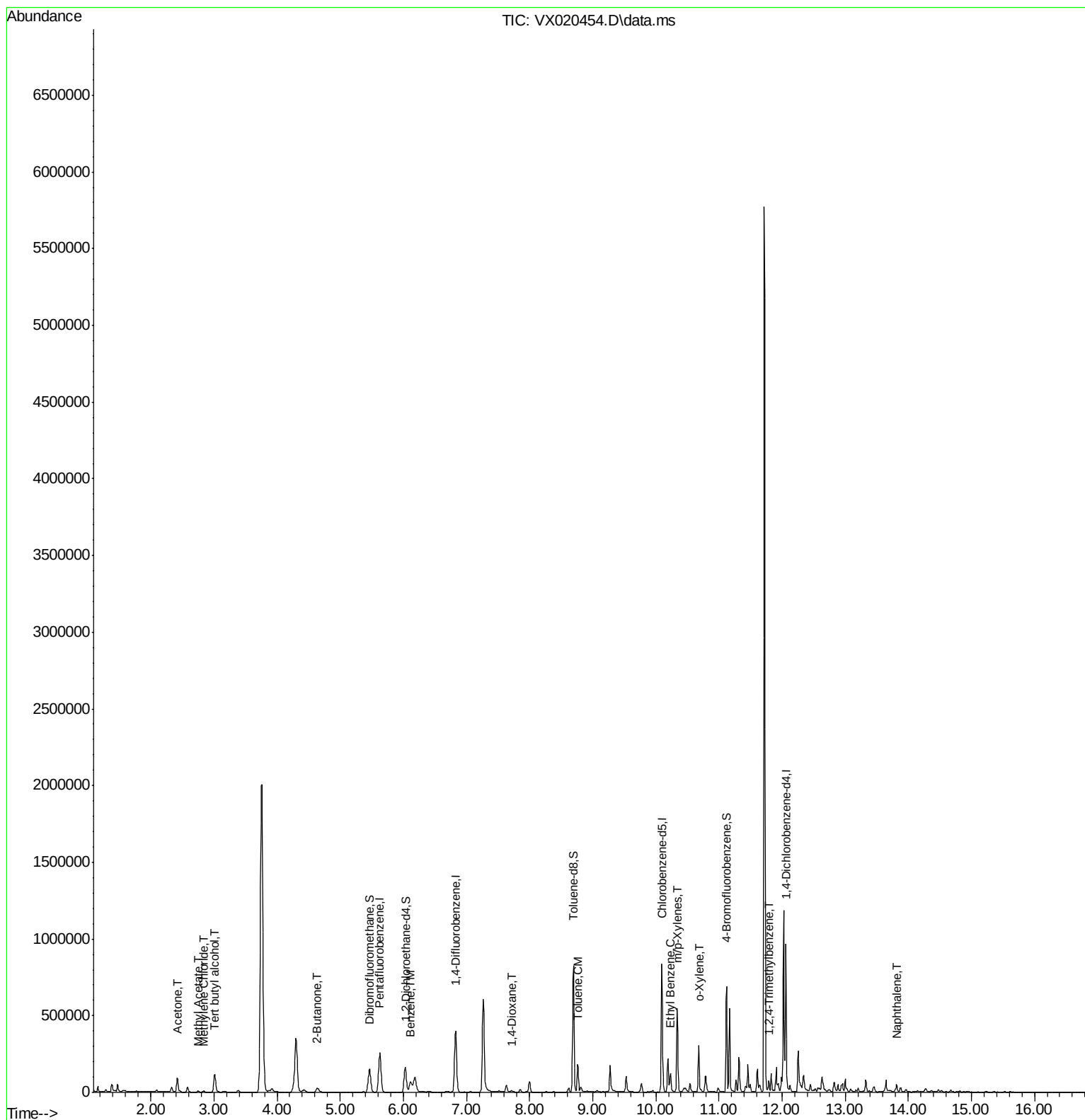
Internal Standards						
1) Pentafluorobenzene	5.629	168	241681	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	407573	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.097	117	386672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.060	152	182801	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	157783	48.70	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	97.40%	
35) Dibromofluoromethane	5.464	113	131727	50.52	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	101.04%	
50) Toluene-d8	8.695	98	496175	49.44	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.122	95	184001	47.90	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	95.80%	
Target Compounds						
11) Tert butyl alcohol	3.013	59	44584	61.46	ug/l	Qvalue # 94
16) Acetone	2.416	43	93181	63.08	ug/l	100
18) Methyl Acetate	2.745	43	10083	3.06	ug/l	98
20) Methylene Chloride	2.837	84	4157	1.25	ug/l	87
25) 2-Butanone	4.635	43	40126	18.66	ug/l	100
40) Benzene	6.110	78	76618	6.11	ug/l	100
49) 1,4-Dioxane	7.714	88	4801	63.33	ug/l	# 84
52) Toluene	8.762	92	67960	8.88	ug/l	100
67) Ethyl Benzene	10.232	91	63897	4.41	ug/l	100
68) m/p-Xylenes	10.341	106	133377	24.64	ug/l	99
69) o-Xylene	10.683	106	63187	12.13	ug/l	99
84) 1,2,4-Trimethylbenzene	11.792	105	30331	2.67	ug/l	97
95) Naphthalene	13.816	128	30923	2.45	ug/l	100

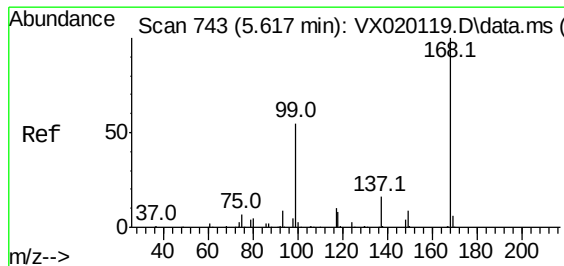
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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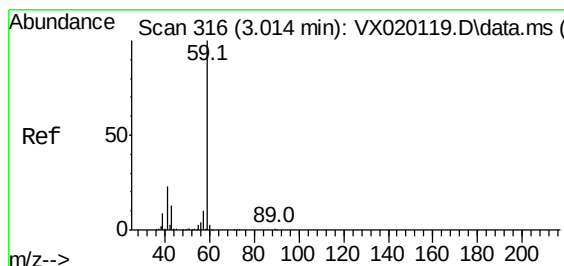
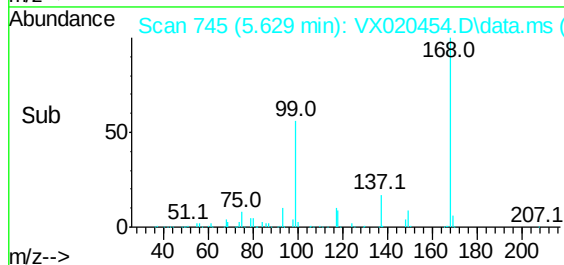
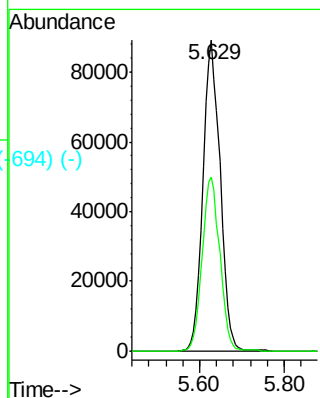
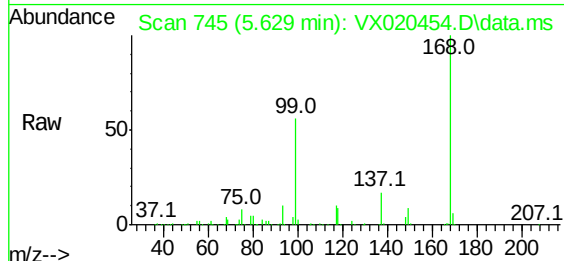




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020454.D
 Acq: 30 Dec 2020 14:35

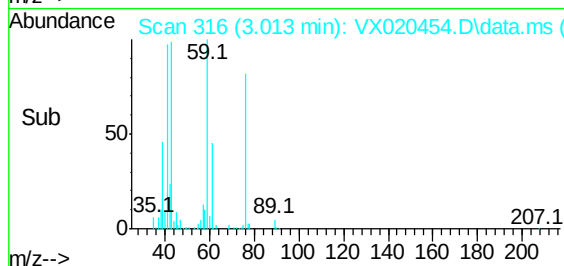
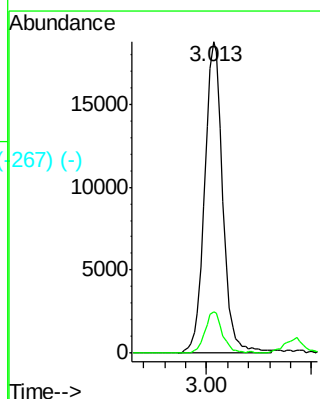
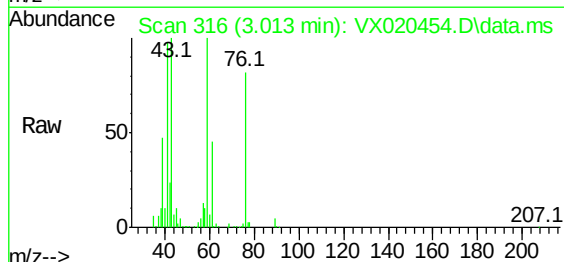
Instrument :
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 31368

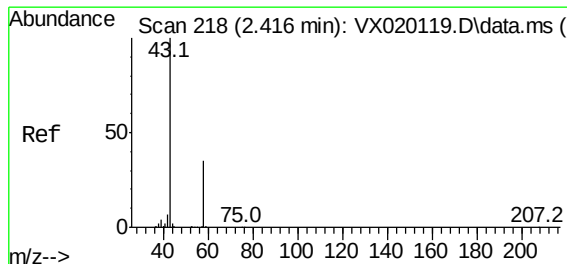
Tgt Ion:168 Resp: 241681
 Ion Ratio Lower Upper
 168 100
 99 55.7 45.8 68.6



Tert butyl alcohol
 Concen: 61.46 ug/l
 RT: 3.013 min Scan# 316
 Delta R.T. -0.001 min
 Lab File: VX020454.D
 Acq: 30 Dec 2020 14:35

Tgt Ion: 59 Resp: 44584
 Ion Ratio Lower Upper
 59 100
 57 12.2 7.8 11.8#





Acetone

Concen: 63.08 ug/l

RT: 2.416 min Scan# 218

Delta R.T. -0.000 min

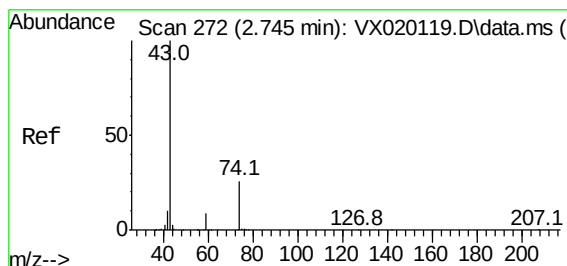
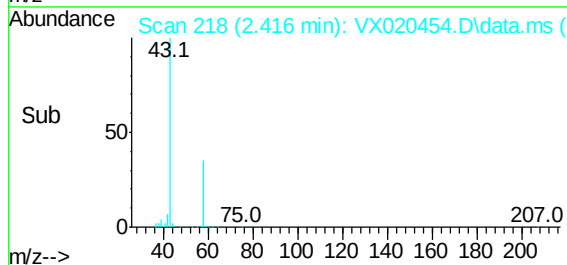
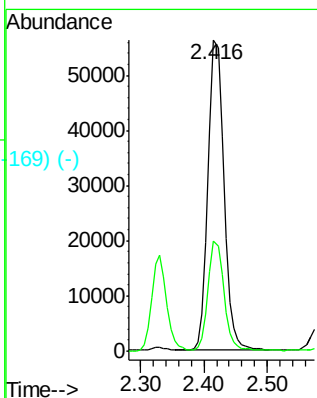
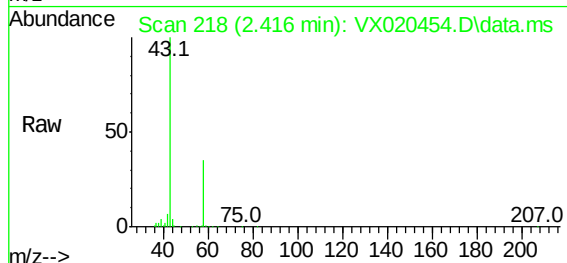
Lab File: VX020454.D

Acq: 30 Dec 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
31368

Tgt Ion: 43 Resp: 93181

Ion	Ratio	Lower	Upper
43	100		
58	35.1	27.8	41.8



Methyl Acetate

Concen: 3.06 ug/l

RT: 2.745 min Scan# 272

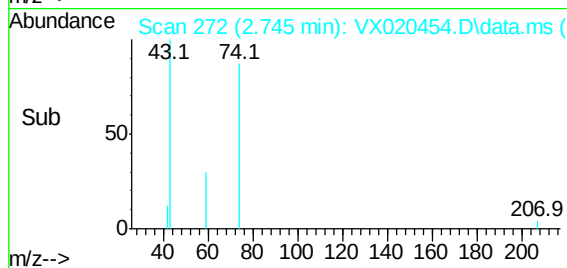
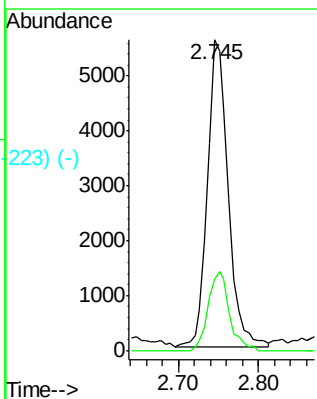
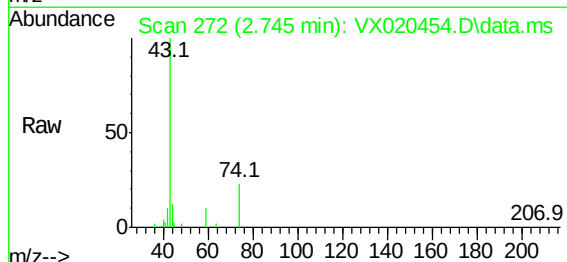
Delta R.T. 0.000 min

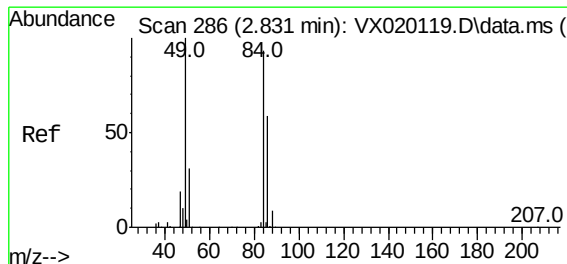
Lab File: VX020454.D

Acq: 30 Dec 2020 14:35

Tgt Ion: 43 Resp: 10083

Ion	Ratio	Lower	Upper
43	100		
74	26.2	21.9	32.9

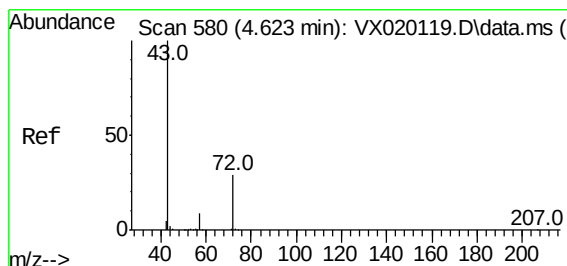
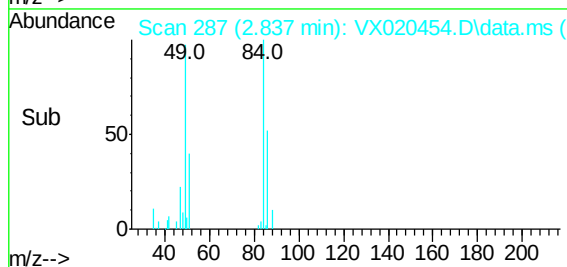
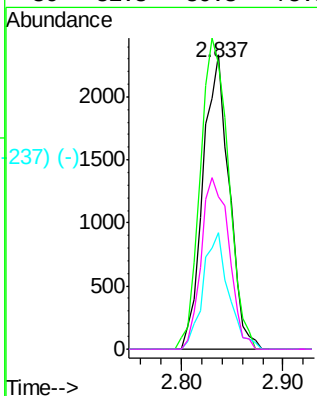
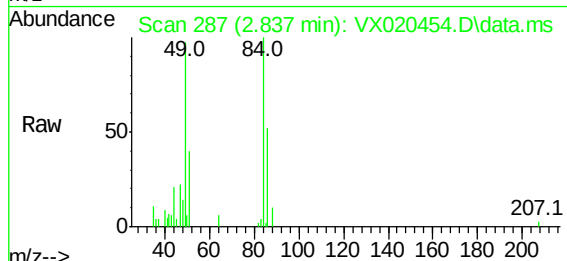




Methylene Chloride
 Concen: 1.25 ug/l
 RT: 2.837 min Scan# 287
 Delta R.T. 0.006 min
 Lab File: VX020454.D
 Acq: 30 Dec 2020 14:35

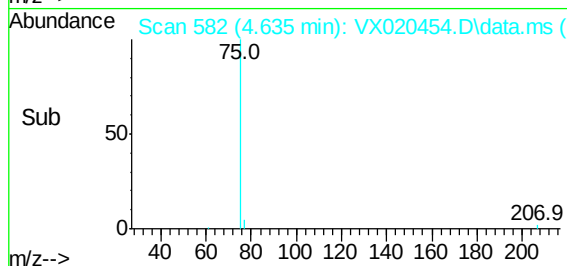
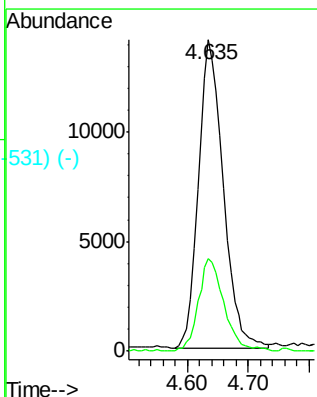
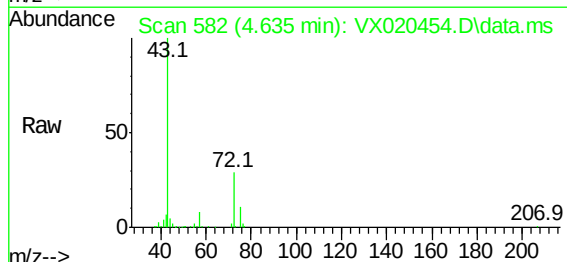
Instrument :
 MSVOA_X
 ClientSampleId :
 31368

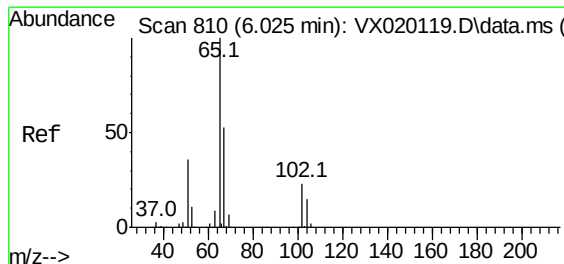
Tgt Ion:	84	Resp:	4157
Ion	Ratio	Lower	Upper
84	100		
49	97.0	88.6	132.8
51	39.6	27.0	40.6
86	51.8	50.3	75.5



2-Butanone
 Concen: 18.66 ug/l
 RT: 4.635 min Scan# 582
 Delta R.T. 0.012 min
 Lab File: VX020454.D
 Acq: 30 Dec 2020 14:35

Tgt Ion:	43	Resp:	40126
Ion	Ratio	Lower	Upper
43	100		
72	29.7	23.7	35.5

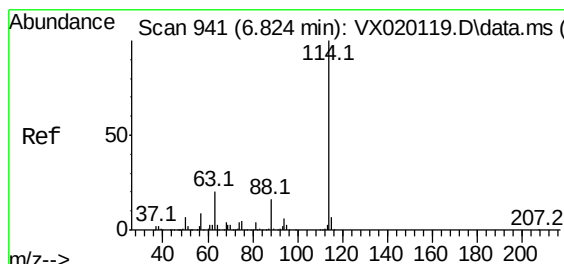
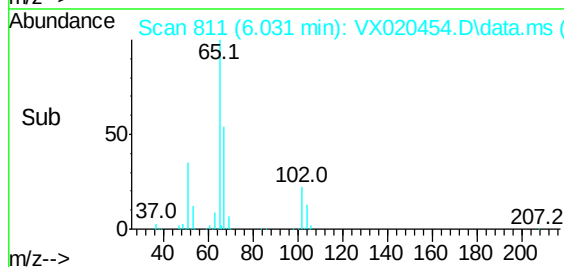
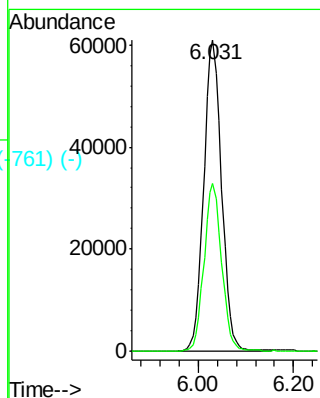
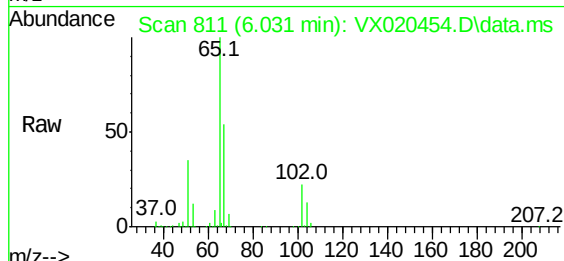




1,2-Dichloroethane-d4
Concen: 48.70 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020454.D
Acq: 30 Dec 2020 14:35

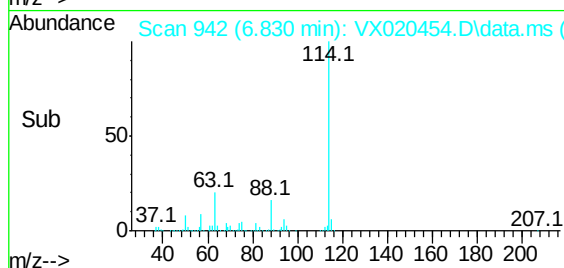
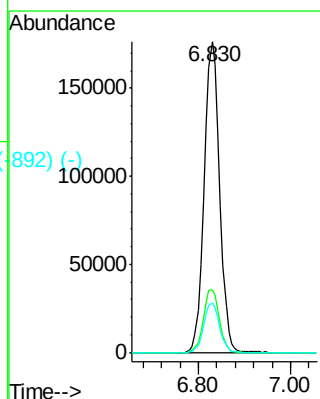
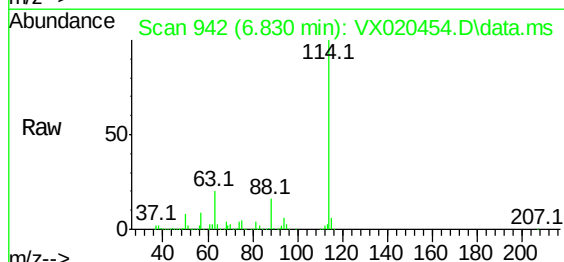
Instrument :
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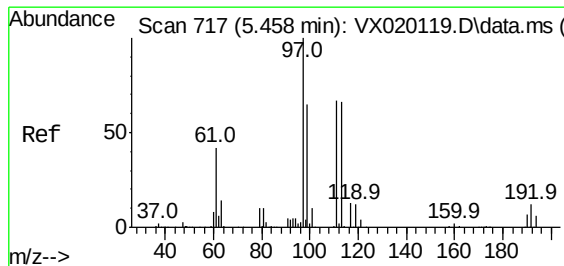
Tgt Ion: 65 Resp: 157783
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4



1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020454.D
Acq: 30 Dec 2020 14:35

Tgt Ion: 114 Resp: 407573
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 16.0 0.0 32.8

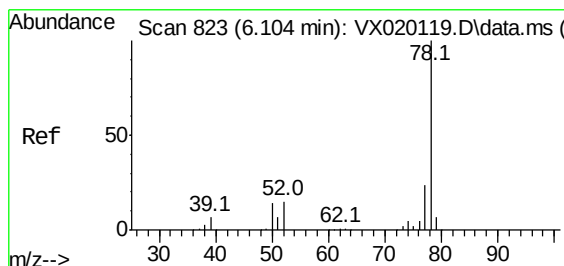
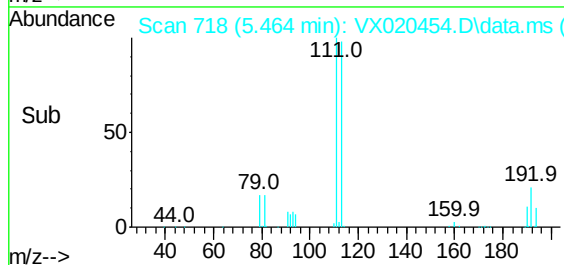
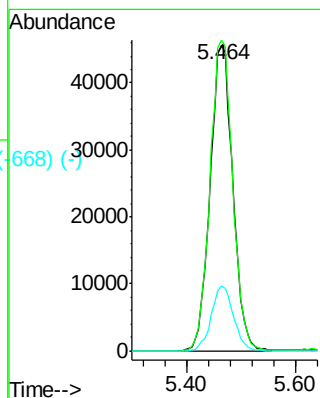
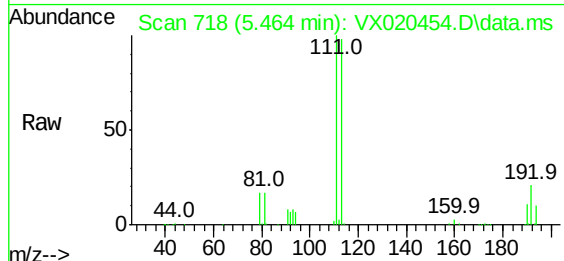




Dibromofluoromethane
Concen: 50.52 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020454.D
Acq: 30 Dec 2020 14:35

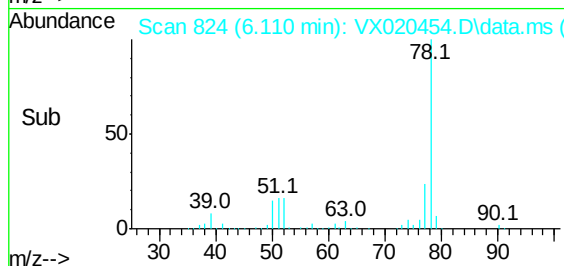
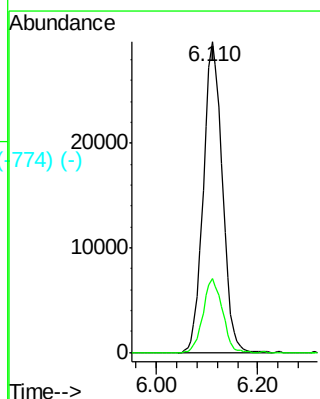
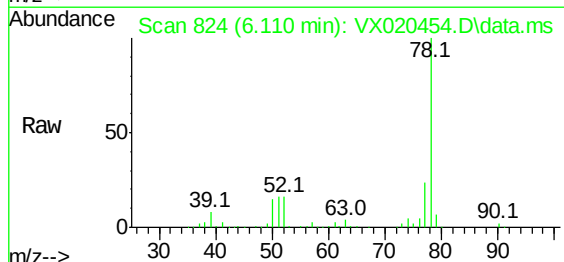
Instrument :
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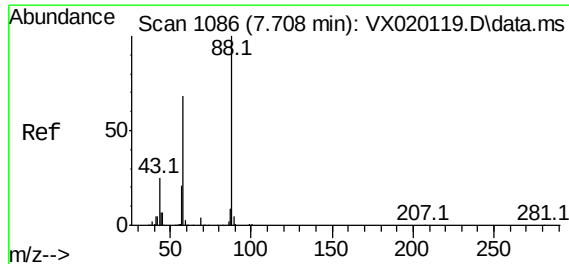
Tgt Ion:113 Resp: 131727
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 20.8 16.7 25.1



Benzene
Concen: 6.11 ug/l
RT: 6.110 min Scan# 824
Delta R.T. 0.006 min
Lab File: VX020454.D
Acq: 30 Dec 2020 14:35

Tgt Ion: 78 Resp: 76618
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3

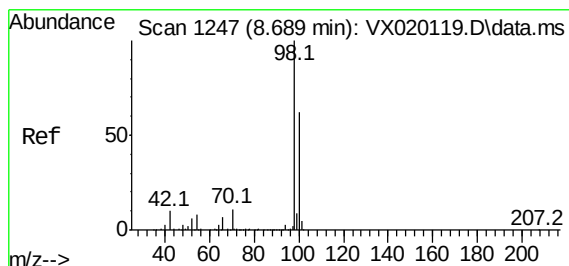
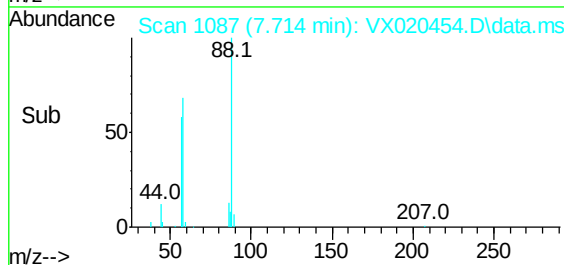
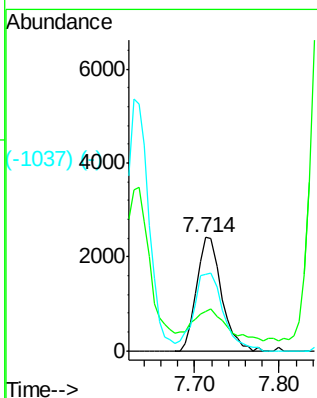
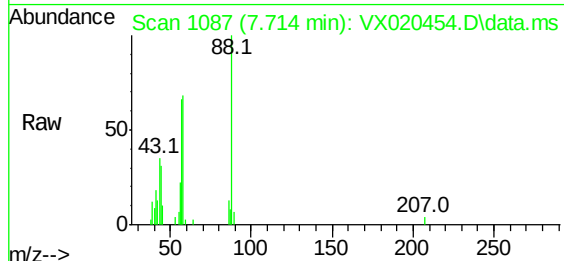




(-1079) (-)
1,4-Dioxane
Concen: 63.33 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VX020454.D
Acq: 30 Dec 2020 14:35

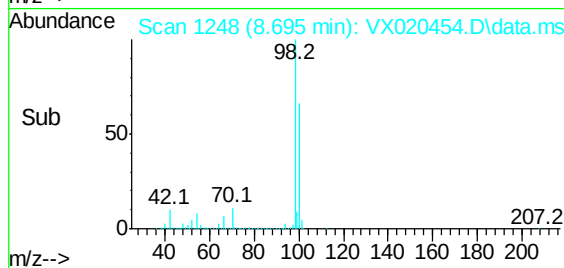
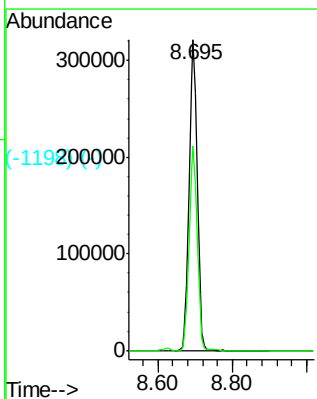
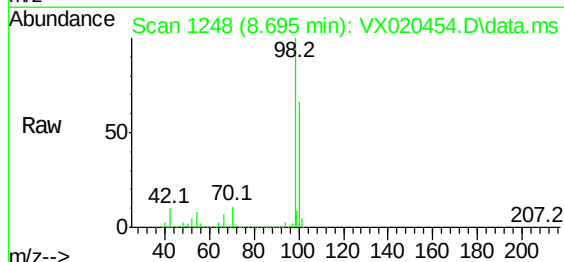
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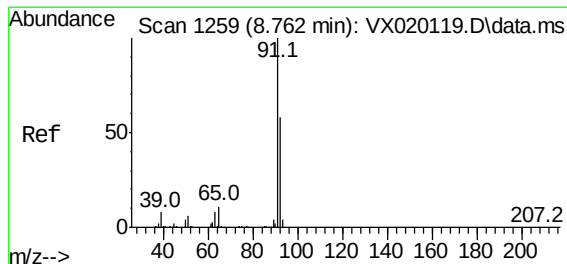
Tgt Ion: 88 Resp: 4801
Ion Ratio Lower Upper
88 100
43 37.5 23.2 34.8#
58 82.0 55.0 82.4



(-1299) (-)
To Luene-d8
Concen: 49.44 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020454.D
Acq: 30 Dec 2020 14:35

Tgt Ion: 98 Resp: 496175
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

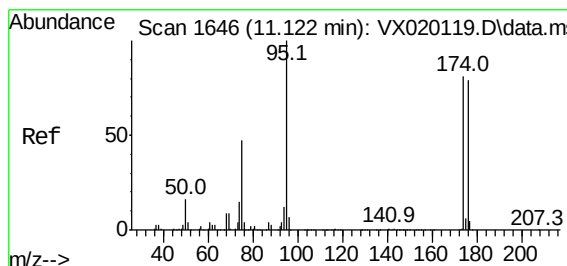
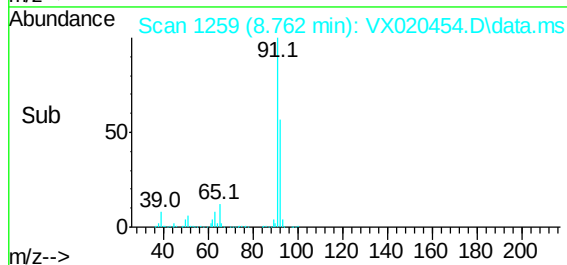
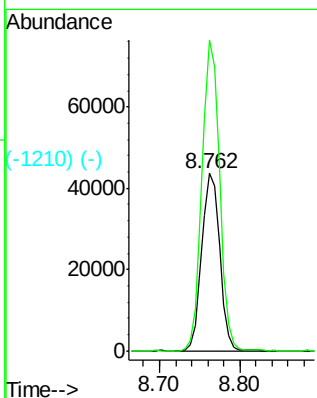
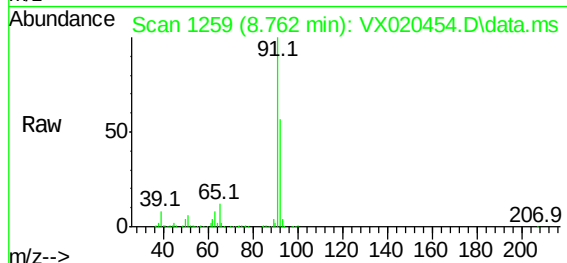




#521 (-)
Toluene
Concen: 8.88 ug/l
RT: 8.762 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VX020454.D
Acq: 30 Dec 2020 14:35

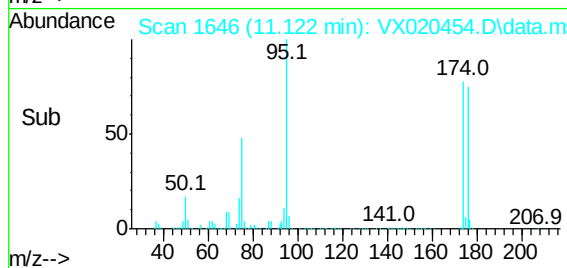
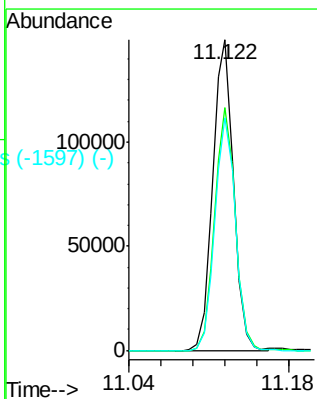
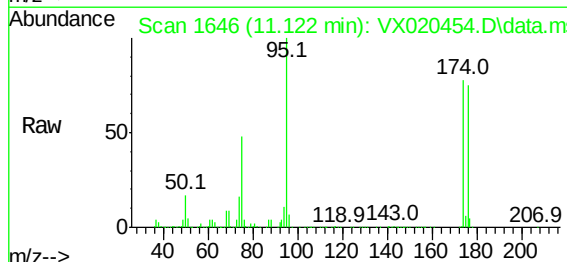
Instrument :
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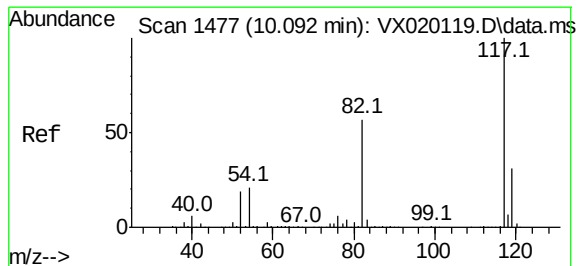
Tgt Ion: 92 Resp: 67960
Ion Ratio Lower Upper
92 100
91 171.6 137.1 205.7



#639 (-)
4-Bromofluorobenzene
Concen: 47.90 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020454.D
Acq: 30 Dec 2020 14:35

Tgt Ion: 95 Resp: 184001
Ion Ratio Lower Upper
95 100
174 78.4 0.0 154.6
176 75.0 0.0 155.8

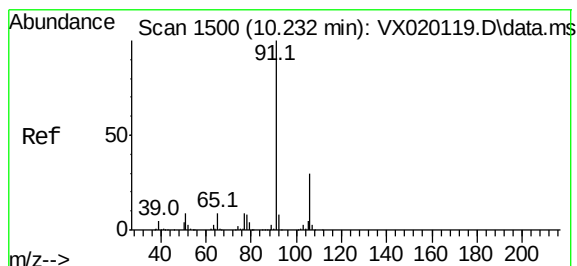
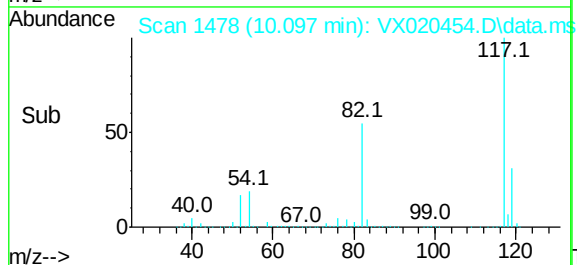
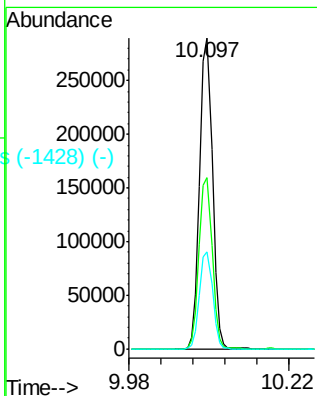
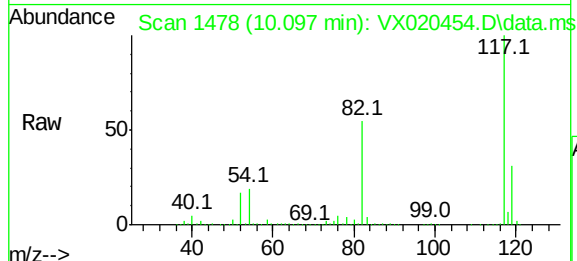




#6270 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.097 min Scan# 1478
Delta R.T. 0.005 min
Lab File: VX020454.D
Acq: 30 Dec 2020 14:35

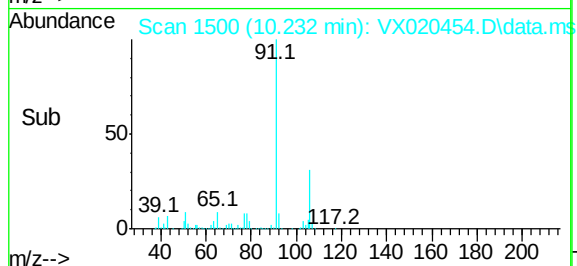
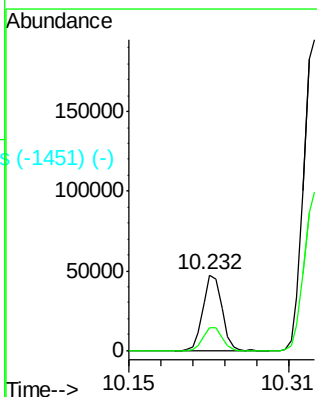
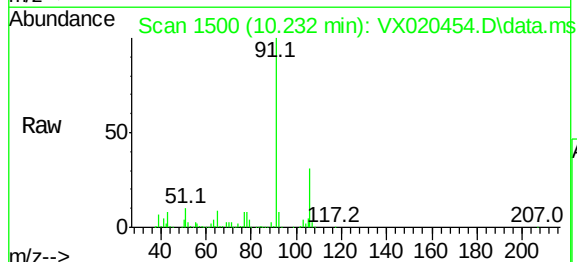
Instrument :
MSVOA_X
ClientSampleId :
31368

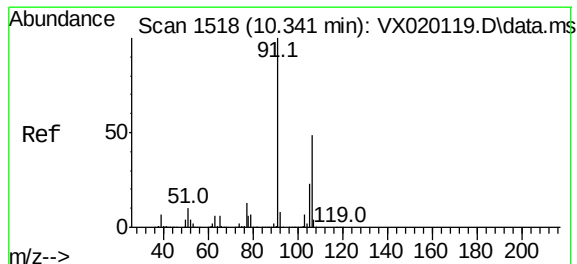
Tgt Ion:	117	Resp:	386672
Ion Ratio	Lower	Upper	
117	100		
82	55.2	47.4	71.2
119	31.3	26.6	39.8



#6293 (-)
Ethyl Benzene
Concen: 4.41 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020454.D
Acq: 30 Dec 2020 14:35

Tgt Ion:	91	Resp:	63897
Ion Ratio	Lower	Upper	
91	100		
106	30.8	24.6	37.0

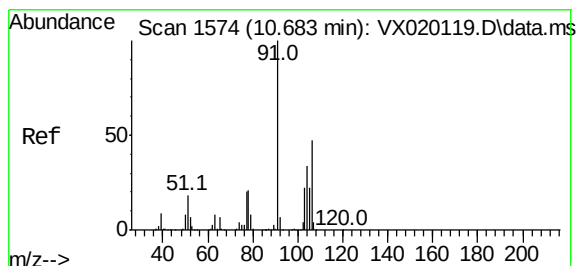
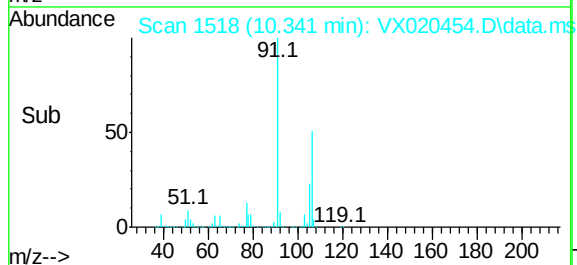
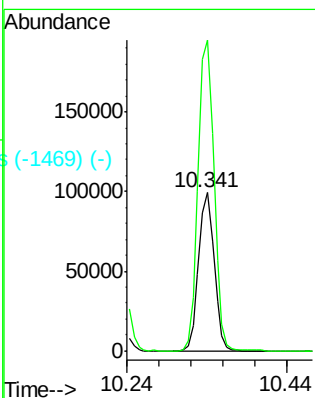
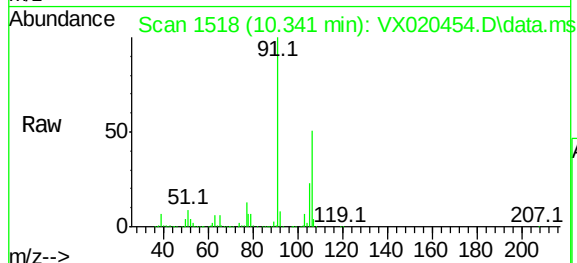




#6911 (-)
m/p-Xylenes
Concen: 24.64 ug/l
RT: 10.341 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VX020454.D
Acq: 30 Dec 2020 14:35

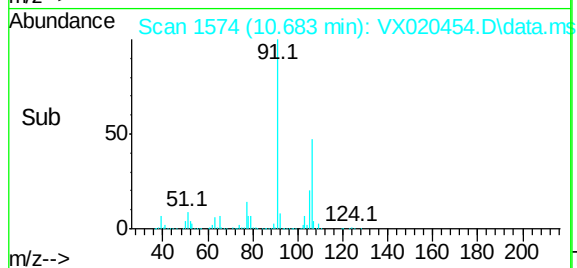
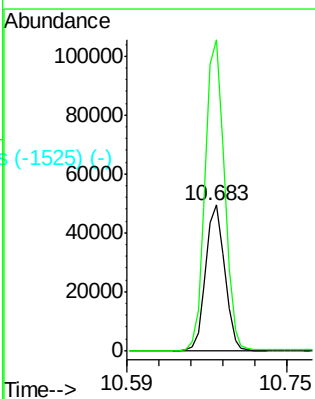
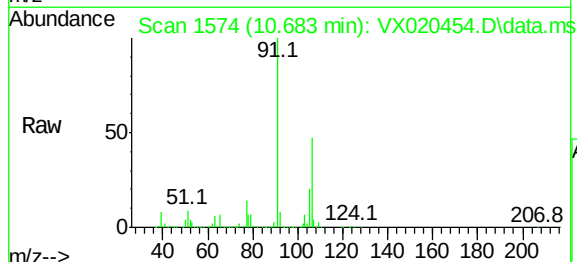
Instrument :
MSVOA_X
ClientSampleId :
31368

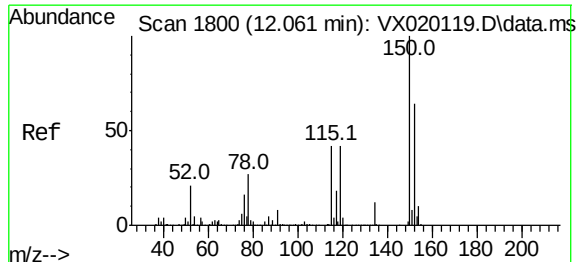
Tgt Ion:106 Resp: 133377
Ion Ratio Lower Upper
106 100
91 201.8 162.8 244.2



#6967 (-)
o-Xylene
Concen: 12.13 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VX020454.D
Acq: 30 Dec 2020 14:35

Tgt Ion:106 Resp: 63187
Ion Ratio Lower Upper
106 100
91 218.0 108.1 324.2

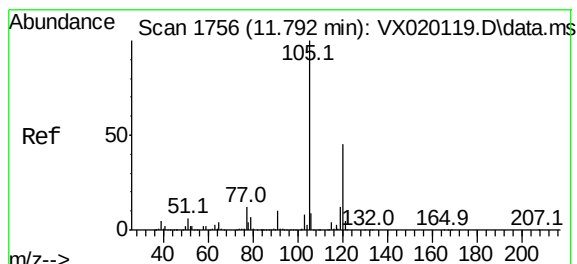
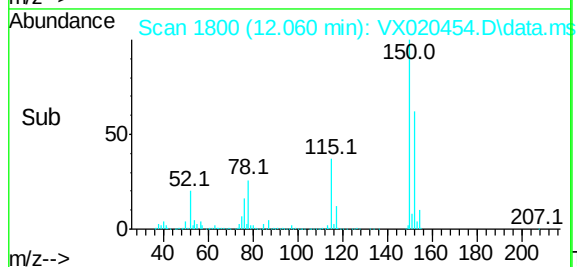
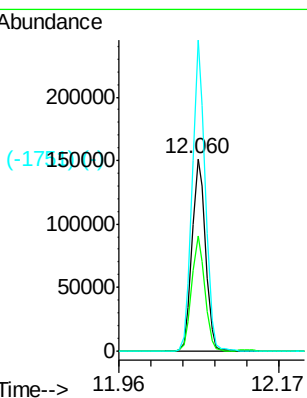
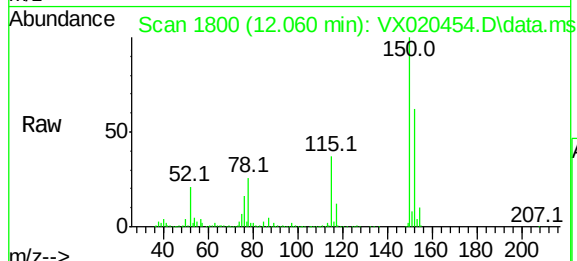




#1794 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.060 min Scan# 1800
 Delta R.T. -0.001 min
 Lab File: VX020454.D
 Acq: 30 Dec 2020 14:35

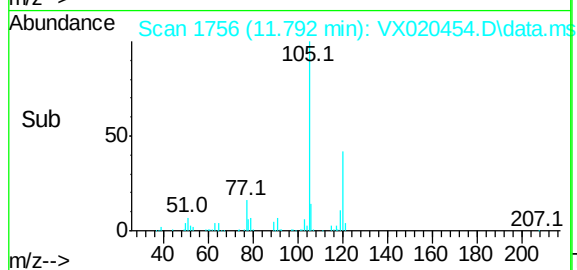
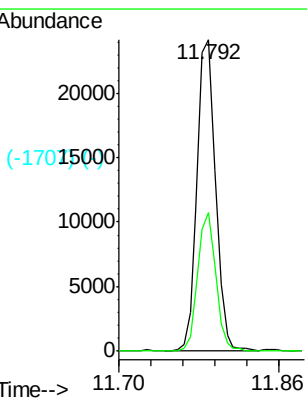
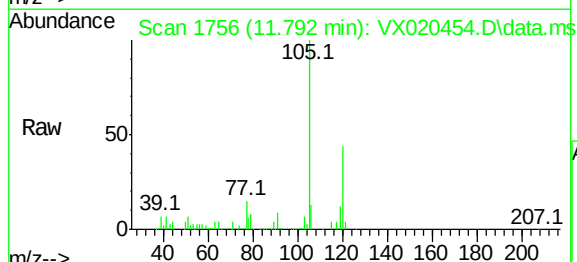
Instrument :
 MSVOA_X
 ClientSampleId :
 31368

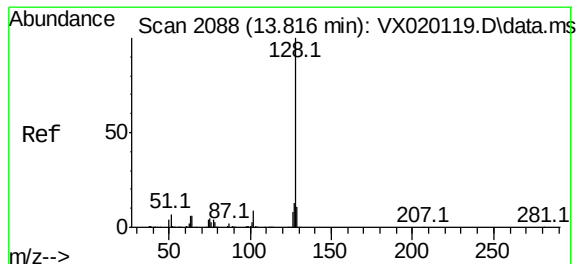
Tgt Ion:	152	Resp:	182801
Ion	Ratio	Lower	Upper
152	100		
115	58.6	41.1	123.3
150	156.5	0.0	349.0



#845 (-)
 1,2,4-Trimethylbenzene
 Concen: 2.67 ug/l
 RT: 11.792 min Scan# 1756
 Delta R.T. 0.000 min
 Lab File: VX020454.D
 Acq: 30 Dec 2020 14:35

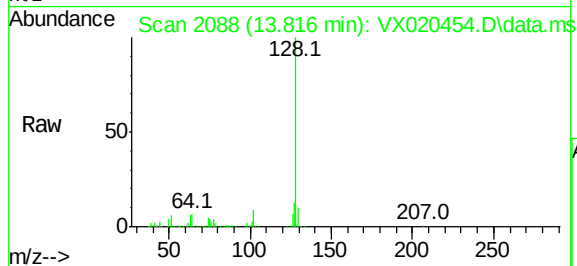
Tgt Ion:	105	Resp:	30331
Ion	Ratio	Lower	Upper
105	100		
120	43.0	22.4	67.3





#95 (-)
Naphthalene
Concen: 2.45 ug/l
RT: 13.816 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VX020454.D
Acq: 30 Dec 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
31368



Tgt Ion:128 Resp: 30923

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.1	8.8	13.2

