

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123020\
 Data File : VX020462.D
 Acq On : 30 Dec 2020 17:41
 Operator : JC/MD
 Sample : L5222-07 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31368

Quant Time: Dec 31 01:09:42 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)

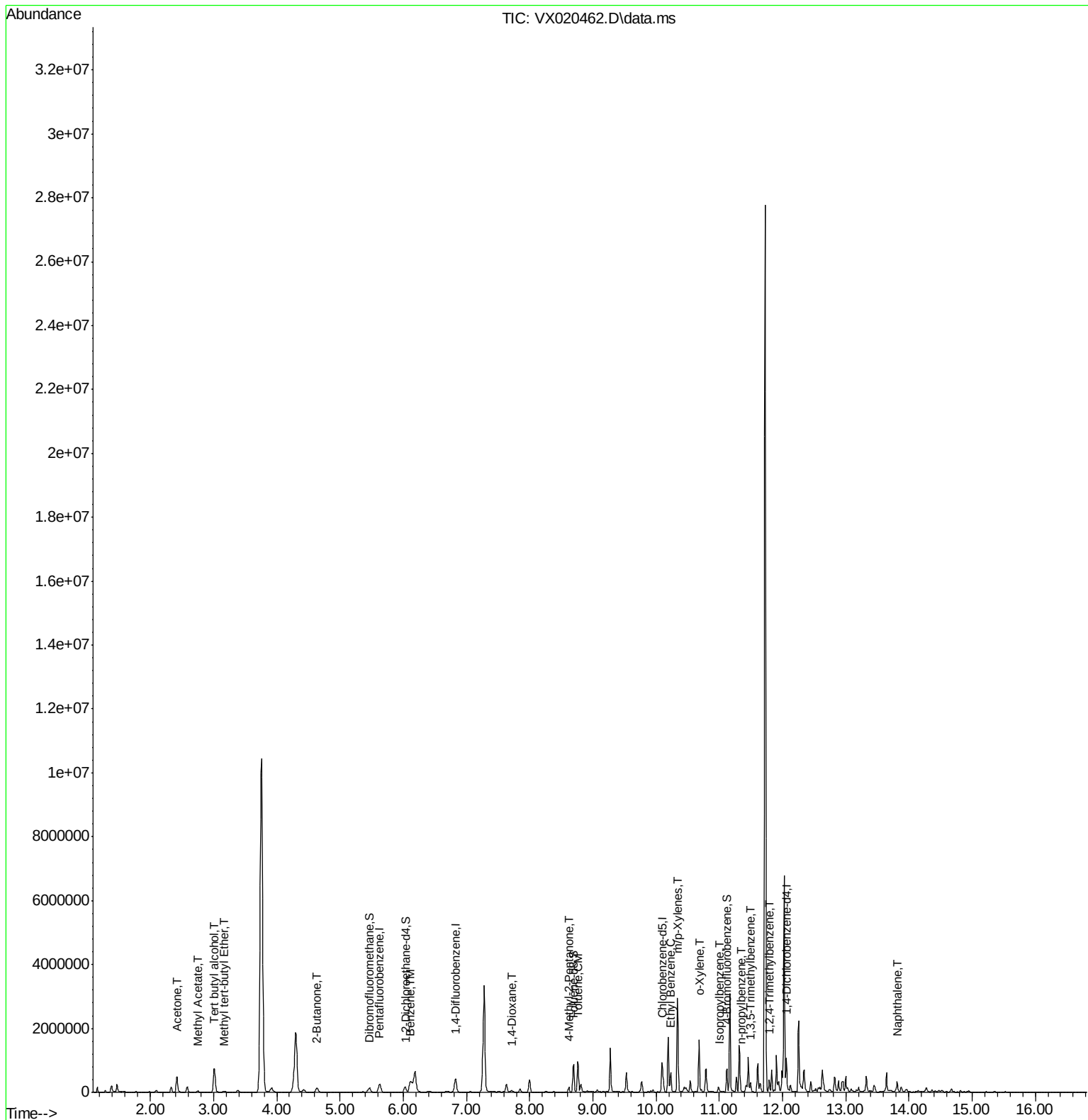
Internal Standards						
1) Pentafluorobenzene	5.629	168	251831	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	426983	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	404569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.067	152	193463	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	160130	47.44	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.88%
35) Dibromofluoromethane	5.464	113	135189	49.49	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.98%
50) Toluene-d8	8.696	98	521381	49.59	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.18%
62) 4-Bromofluorobenzene	11.122	95	197779	49.15	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.30%
Target Compounds						
11) Tert butyl alcohol	3.014	59	251048	332.12	ug/l	93
16) Acetone	2.416	43	506632	329.13	ug/l	98
18) Methyl Acetate	2.745	43	53258	15.51	ug/l	100
19) Methyl tert-butyl Ether	3.166	73	43203	4.49	ug/l	96
25) 2-Butanone	4.635	43	218911	97.71	ug/l	99
40) Benzene	6.111	78	393300	29.94	ug/l	99
49) 1,4-Dioxane	7.714	88	26875	338.40	ug/l	93
51) 4-Methyl-2-Pentanone	8.616	43	106425	24.83	ug/l	97
52) Toluene	8.763	92	353063	44.04	ug/l	99
67) Ethyl Benzene	10.232	91	330729	21.80	ug/l	100
68) m/p-Xylenes	10.342	106	696457	122.95	ug/l	100
69) o-Xylene	10.683	106	341391	62.62	ug/l	98
73) Isopropylbenzene	11.000	105	14884	1.07	ug/l	99
78) n-propylbenzene	11.341	91	19963	1.24	ug/l	96
80) 1,3,5-Trimethylbenzene	11.488	105	40449	3.42	ug/l	99
84) 1,2,4-Trimethylbenzene	11.793	105	162063	13.49	ug/l	97
95) Naphthalene	13.817	128	199459	14.92	ug/l	100

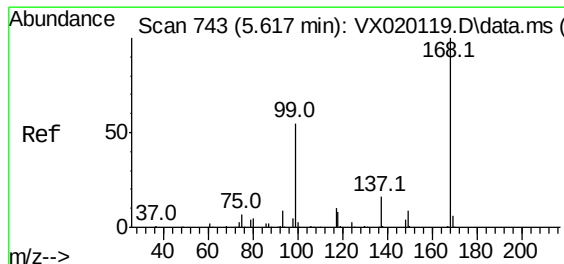
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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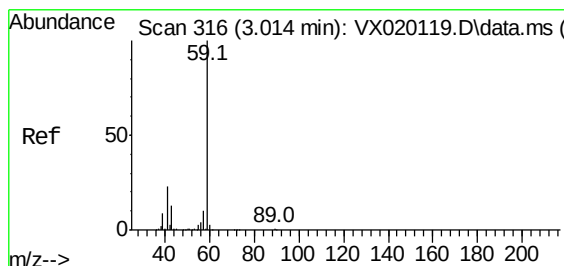
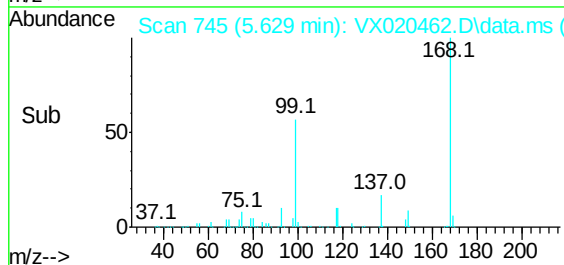
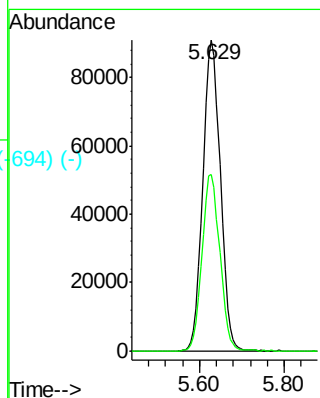
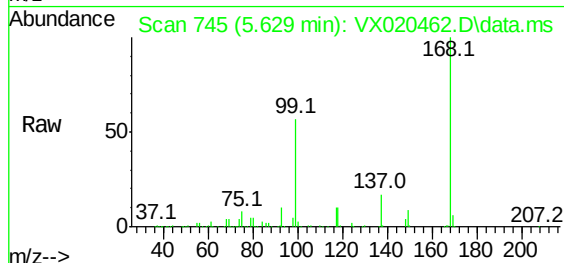




Pentafuorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020462.D
Acq: 30 Dec 2020 17:41

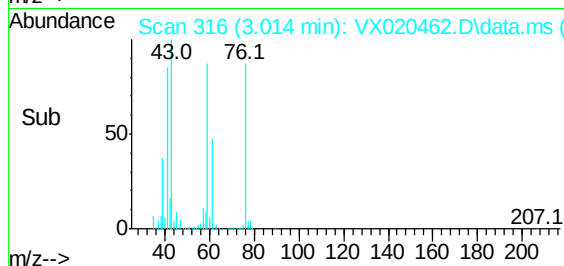
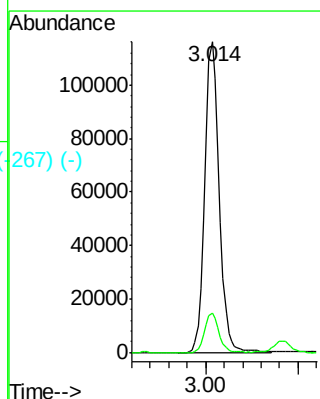
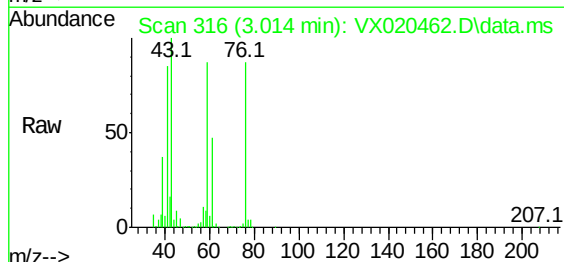
Instrument :
MSVOA_X
ClientSampled :
31368

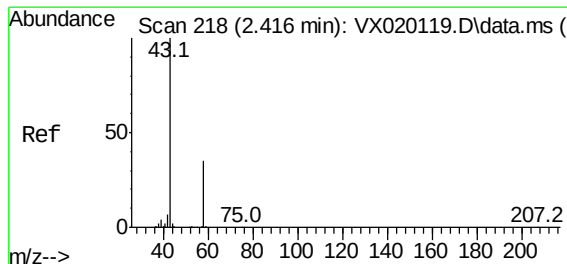
Tgt Ion:168 Resp: 251831
Ion Ratio Lower Upper
168 100
99 56.6 45.8 68.6



Tert butyl alcohol
Concen: 332.12 ug/l
RT: 3.014 min Scan# 316
Delta R.T. -0.000 min
Lab File: VX020462.D
Acq: 30 Dec 2020 17:41

Tgt Ion: 59 Resp: 251048
Ion Ratio Lower Upper
59 100
57 12.5 7.8 11.8#

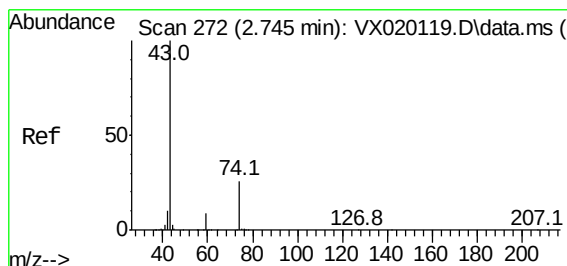
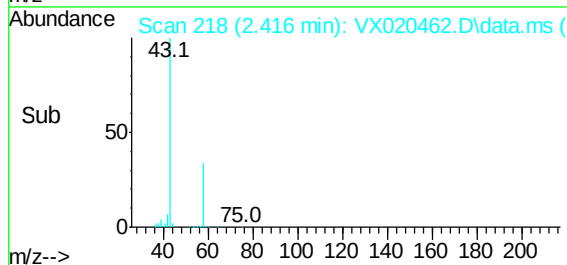
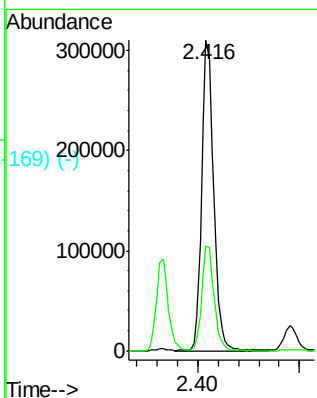
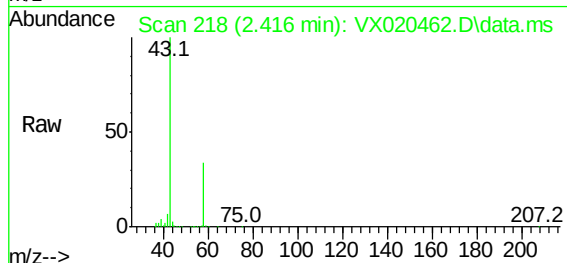




Acetone
Concen: 329.13 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020462.D
Acq: 30 Dec 2020 17:41

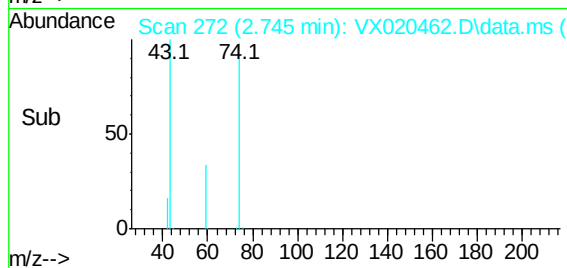
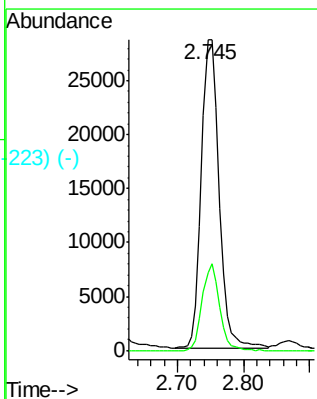
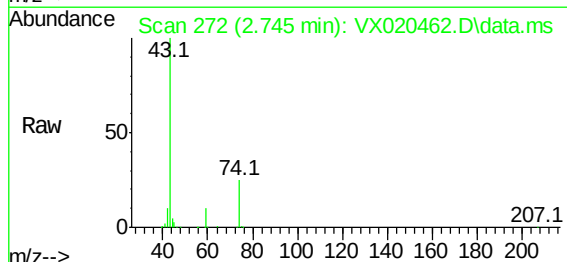
Instrument :
MSVOA_X
ClientSampleId :
31368

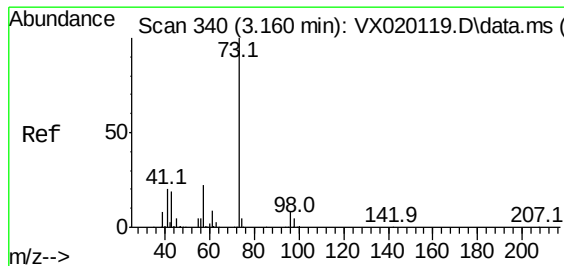
Tgt Ion: 43 Resp: 506632
Ion Ratio Lower Upper
43 100
58 33.6 27.8 41.8



Methyl Acetate
Concen: 15.51 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020462.D
Acq: 30 Dec 2020 17:41

Tgt Ion: 43 Resp: 53258
Ion Ratio Lower Upper
43 100
74 27.1 21.9 32.9

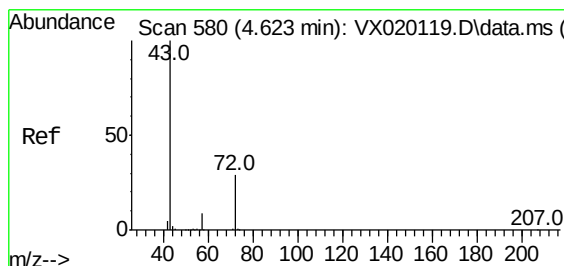
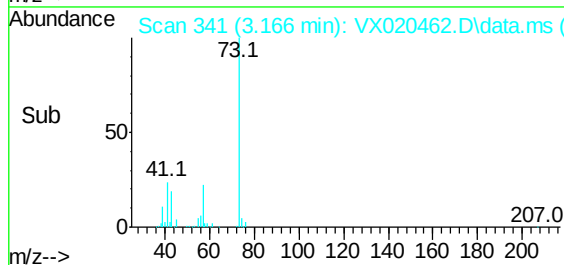
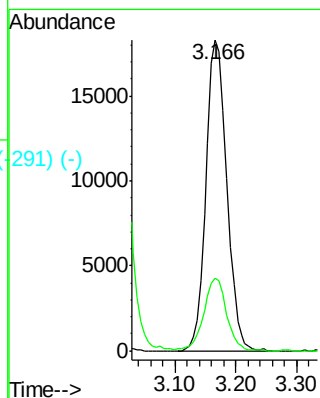
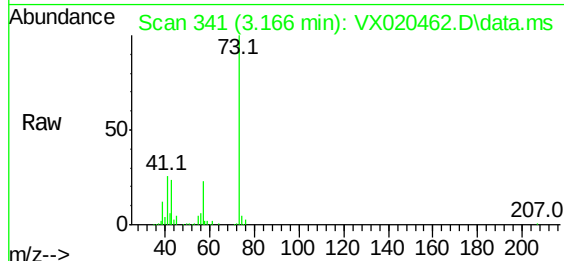




#340 (-)
Methyl tert-butyl Ether
Concen: 4.49 ug/l
RT: 3.166 min Scan# 341
Delta R.T. 0.006 min
Lab File: VX020462.D
Acq: 30 Dec 2020 17:41

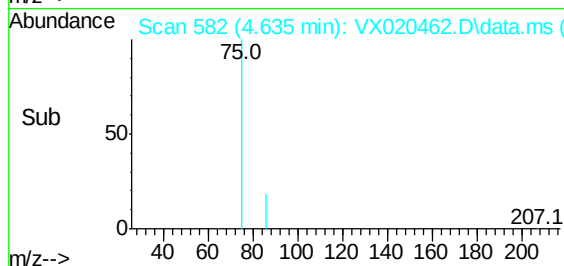
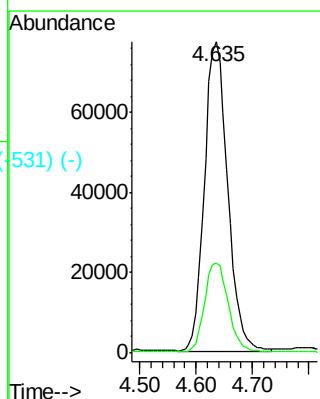
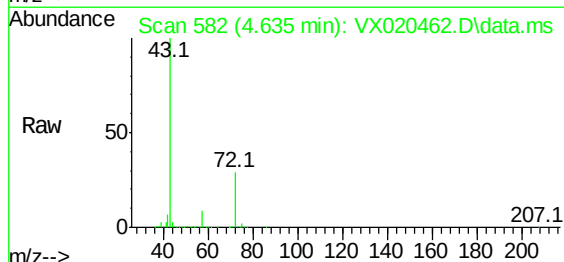
Instrument :
MSVOA_X
ClientSampleId :
31368

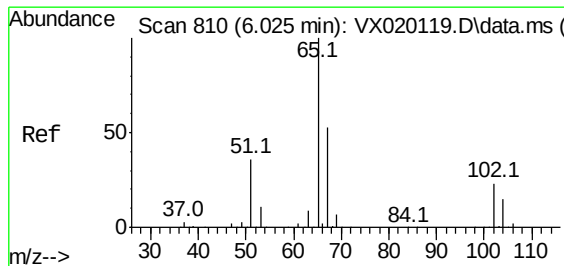
Tgt Ion: 73 Resp: 43203
Ion Ratio Lower Upper
73 100
57 23.4 17.1 25.7



#580 (-)
2-Butanone
Concen: 97.71 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.012 min
Lab File: VX020462.D
Acq: 30 Dec 2020 17:41

Tgt Ion: 43 Resp: 218911
Ion Ratio Lower Upper
43 100
72 28.9 23.7 35.5

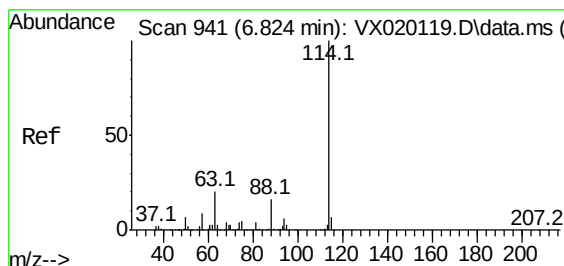
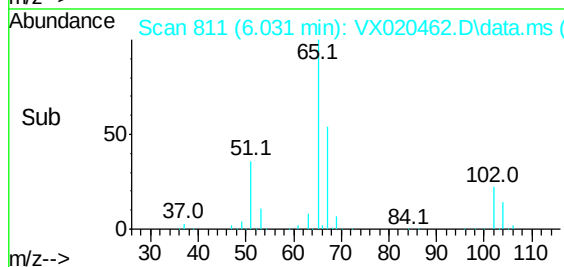
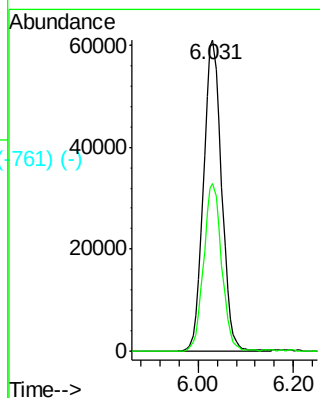
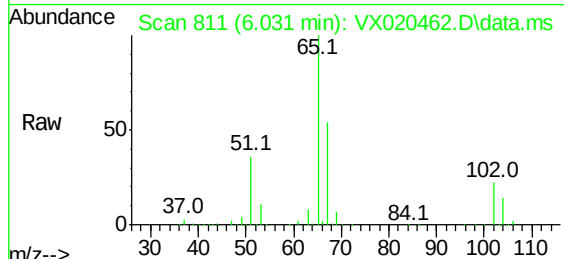




1,2-Dichloroethane-d4
Concen: 47.44 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020462.D
Acq: 30 Dec 2020 17:41

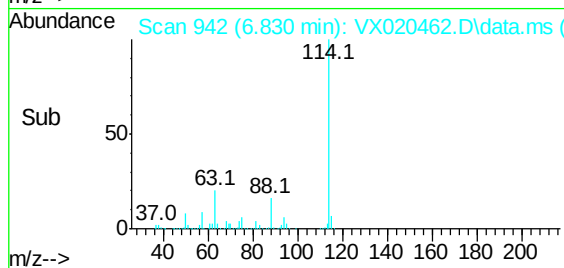
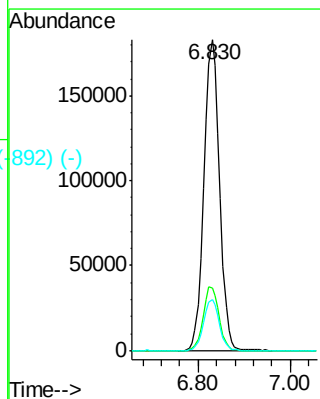
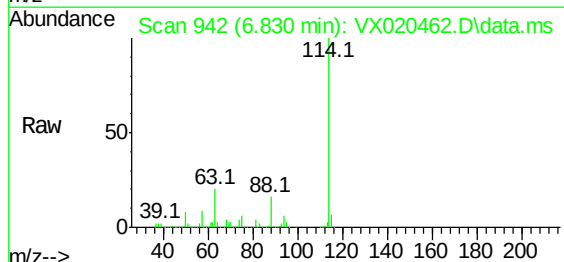
Instrument :
MSVOA_X
ClientSampleId :
31368

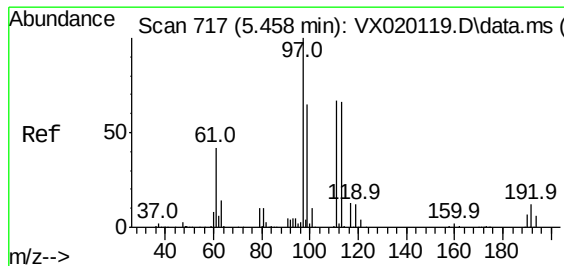
Tgt Ion: 65 Resp: 160130
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4



1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020462.D
Acq: 30 Dec 2020 17:41

Tgt Ion:114 Resp: 426983
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 16.5 0.0 32.8

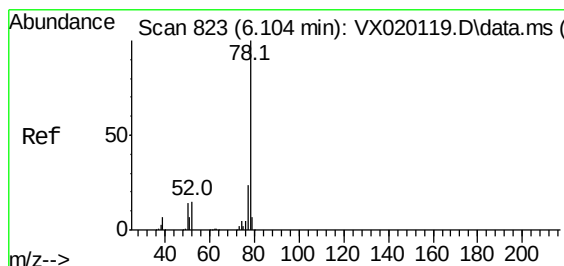
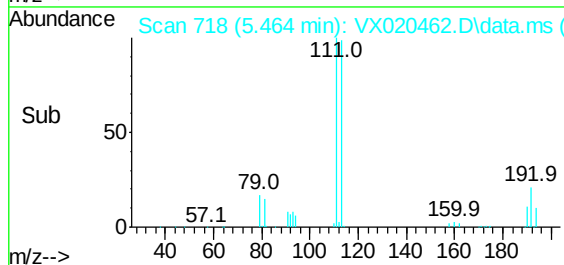
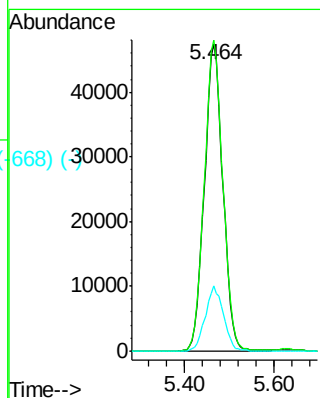
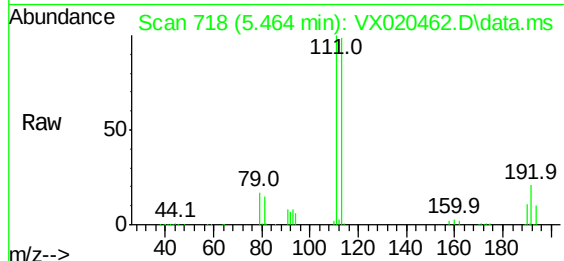




#35 (-)
 Dibromofluoromethane
 Concen: 49.49 ug/l
 RT: 5.464 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: VX020462.D
 Acq: 30 Dec 2020 17:41

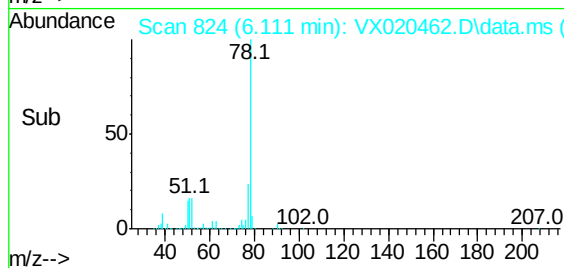
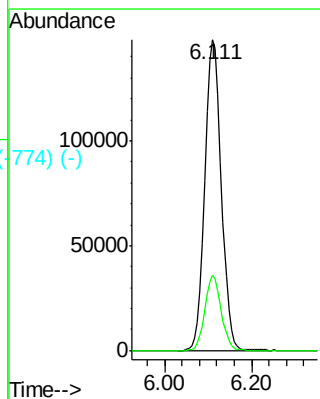
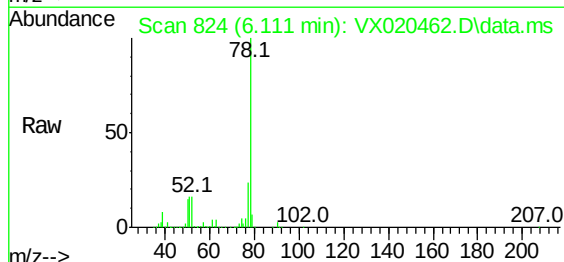
Instrument :
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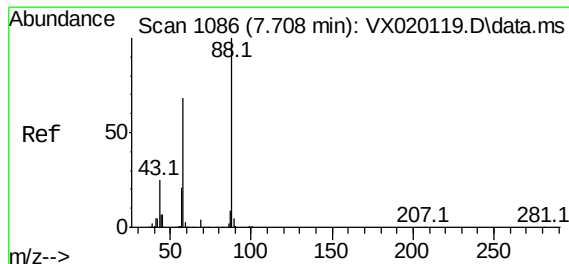
Tgt Ion:	113	Resp:	135189
Ion Ratio	Lower	Upper	
113	100		
111	101.6	81.9	122.9
192	20.5	16.7	25.1



#49 (-)
 Benzene
 Concen: 29.94 ug/l
 RT: 6.111 min Scan# 824
 Delta R.T. 0.007 min
 Lab File: VX020462.D
 Acq: 30 Dec 2020 17:41

Tgt Ion:	78	Resp:	393300
Ion Ratio	Lower	Upper	
78	100		
77	24.3	18.9	28.3

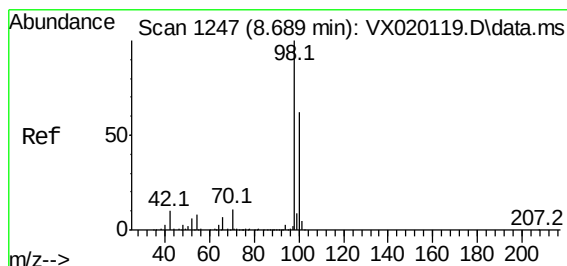
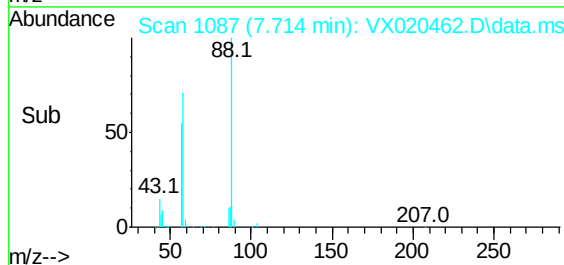
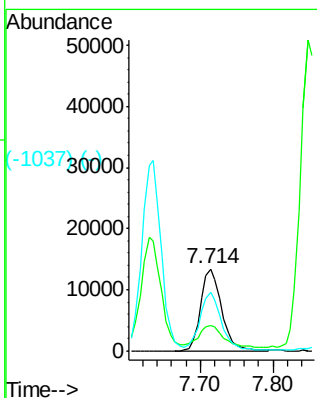
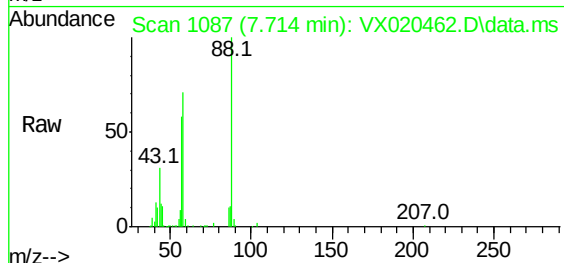




(-109) (-)
1,4-Dioxane
Concen: 338.40 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VX020462.D
Acq: 30 Dec 2020 17:41

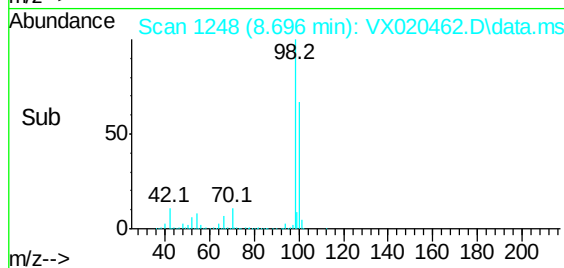
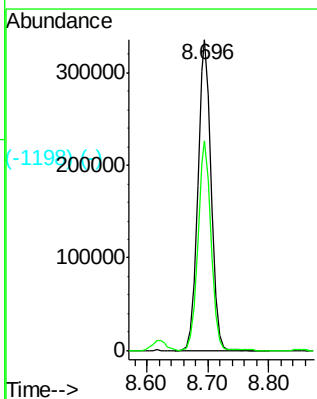
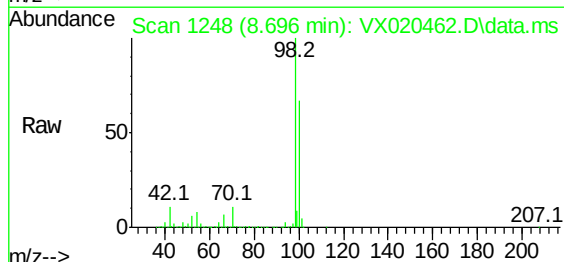
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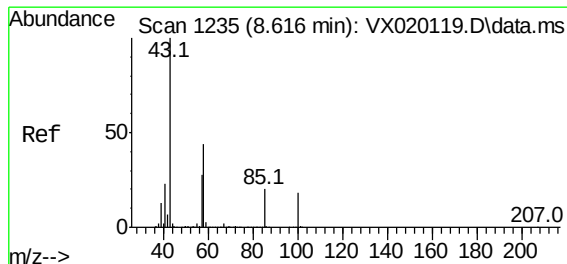
Tgt Ion: 88 Resp: 26875
Ion Ratio Lower Upper
88 100
43 31.8 23.2 34.8
58 75.3 55.0 82.4



(-129) (-)
To Luene-d8
Concen: 49.59 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020462.D
Acq: 30 Dec 2020 17:41

Tgt Ion: 98 Resp: 521381
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9

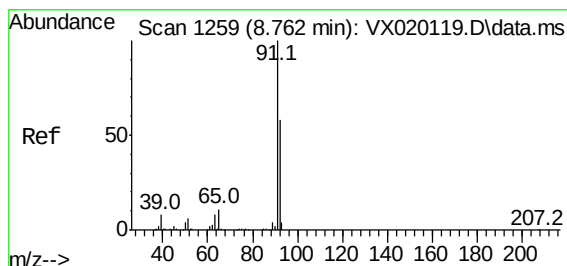
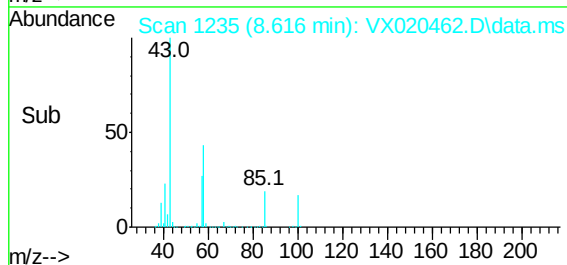
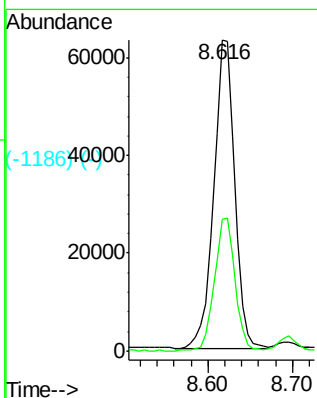
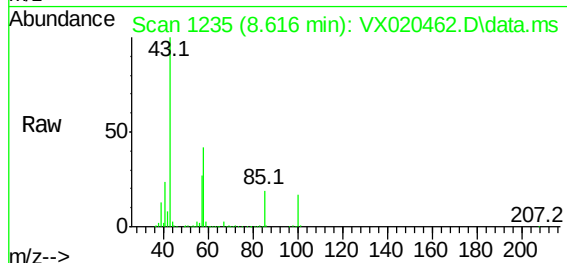




#526 (-)
4-Methyl-2-Pentanone
Concen: 24.83 ug/l
RT: 8.616 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VX020462.D
Acq: 30 Dec 2020 17:41

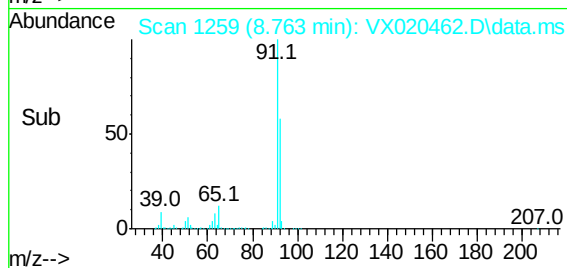
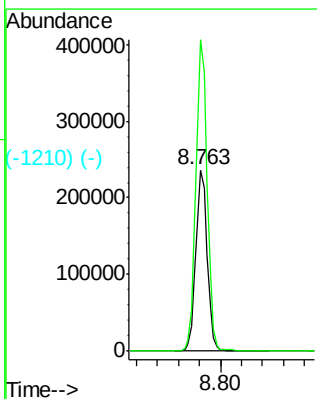
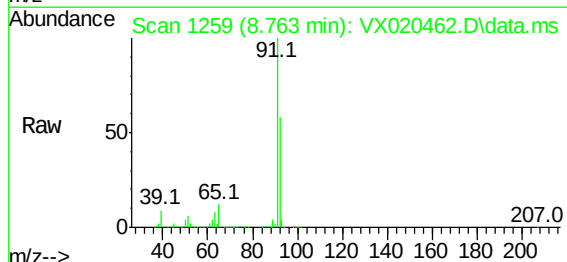
Instrument :
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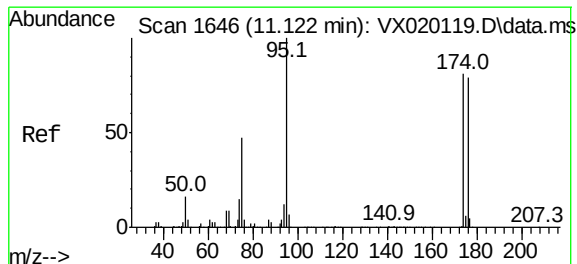
Tgt Ion: 43 Resp: 106425
Ion Ratio Lower Upper
43 100
58 42.1 35.4 53.0



#527 (-)
To Luene
Concen: 44.04 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020462.D
Acq: 30 Dec 2020 17:41

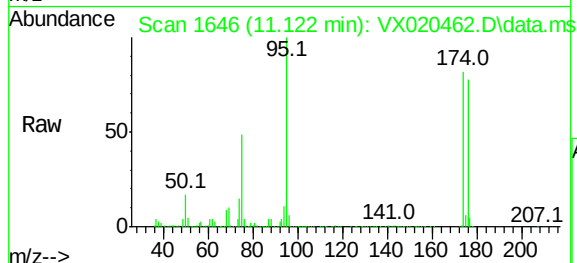
Tgt Ion: 92 Resp: 353063
Ion Ratio Lower Upper
92 100
91 172.2 137.1 205.7





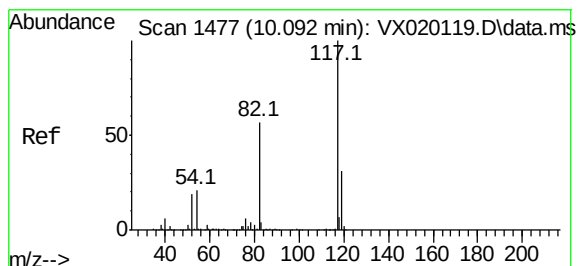
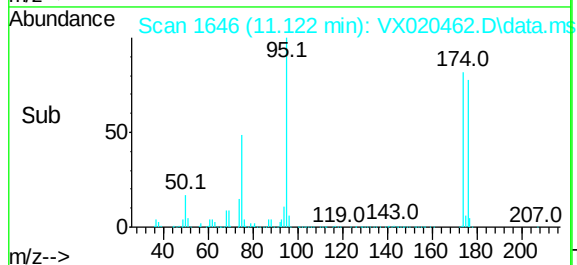
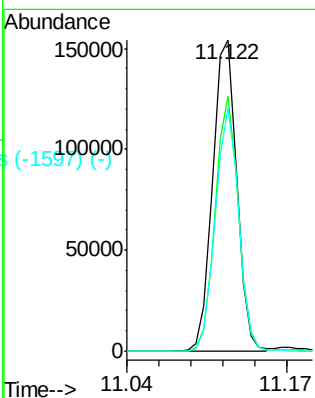
#639 (-)
 4-Bromofluorobenzene
 Concen: 49.15 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.000 min
 Lab File: VX020462.D
 Acq: 30 Dec 2020 17:41

Instrument :
 MSVOA_X
 ClientSampleId :
 31368

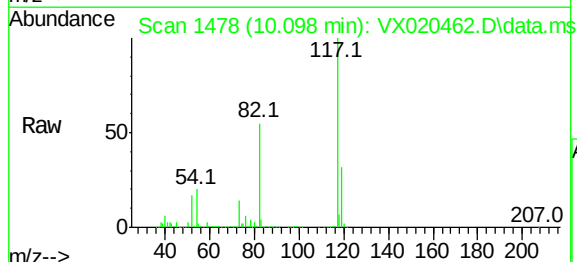


Tgt Ion: 95 Resp: 197779

Ion	Ratio	Lower	Upper
95	100		
174	78.8	0.0	154.6
176	75.8	0.0	155.8

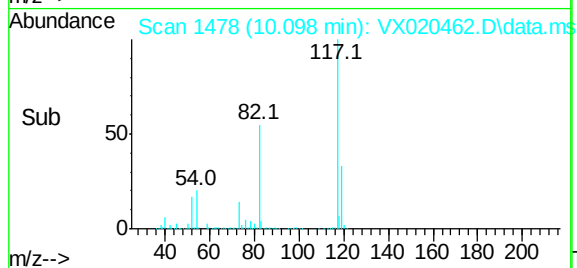
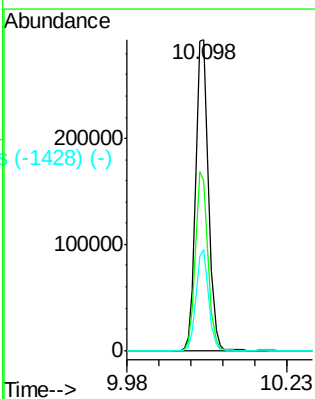


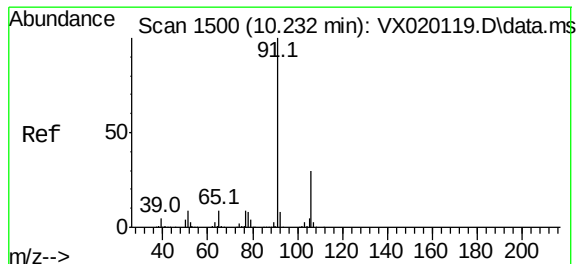
#640 (-)
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.098 min Scan# 1478
 Delta R.T. 0.006 min
 Lab File: VX020462.D
 Acq: 30 Dec 2020 17:41



Tgt Ion: 117 Resp: 404569

Ion	Ratio	Lower	Upper
117	100		
82	54.6	47.4	71.2
119	32.4	26.6	39.8

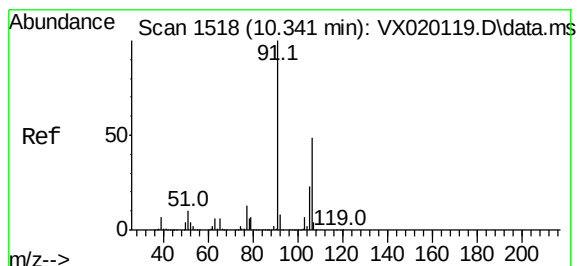
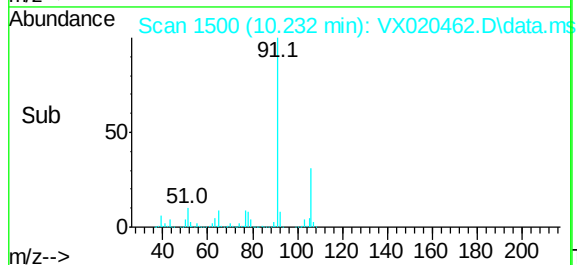
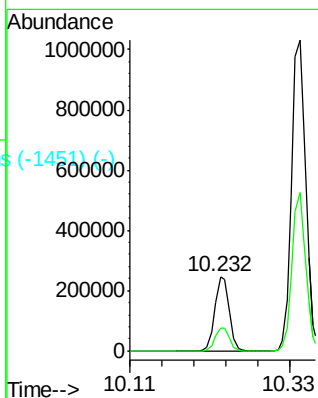
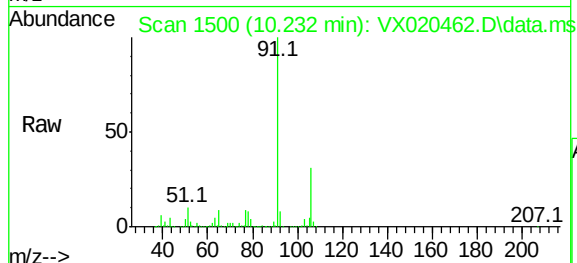




#6793 (-)
Ethyl Benzene
Concen: 21.80 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020462.D
Acq: 30 Dec 2020 17:41

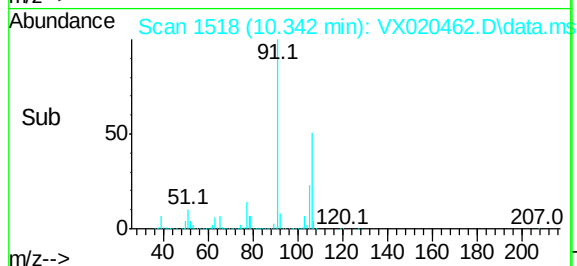
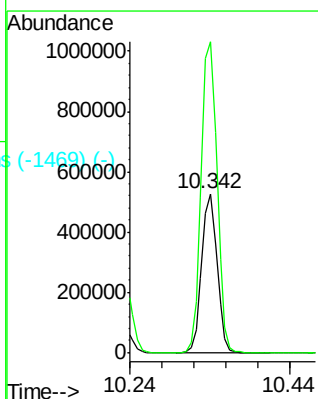
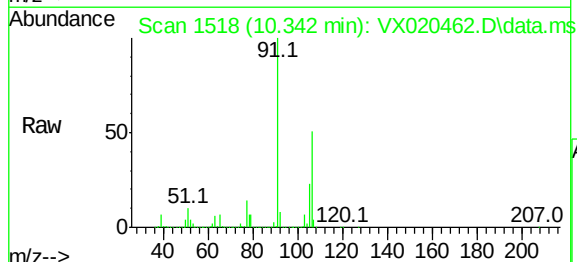
Instrument :
MSVOA_X
ClientSampleId :
31368

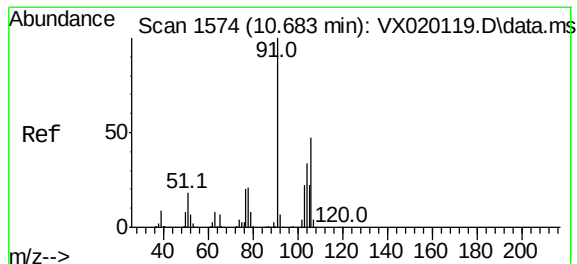
Tgt Ion: 91 Resp: 330729
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0



#6811 (-)
m/p-Xylenes
Concen: 122.95 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. 0.001 min
Lab File: VX020462.D
Acq: 30 Dec 2020 17:41

Tgt Ion:106 Resp: 696457
Ion Ratio Lower Upper
106 100
91 203.4 162.8 244.2

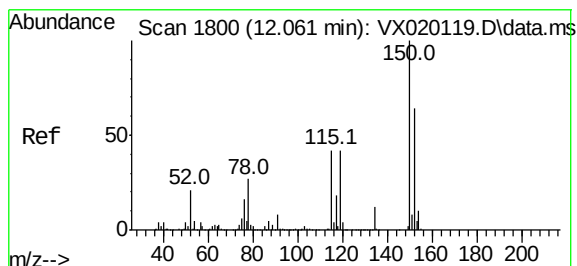
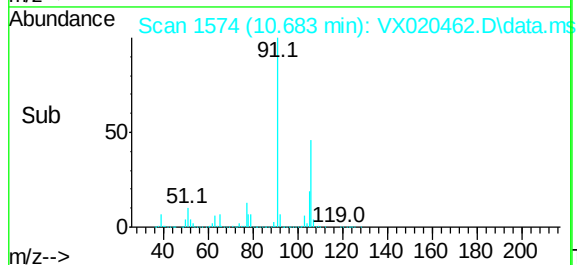
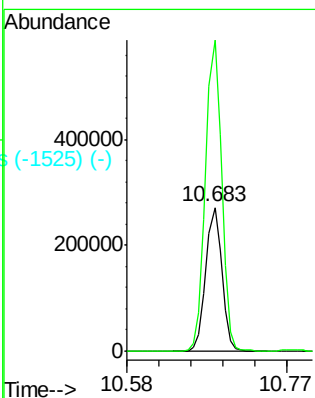
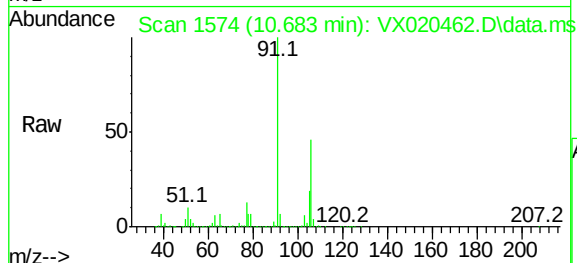




Scan 1574 (10.683 min): VX020119.D\data.ms
 #697 (-)
 o-Xylene
 Concen: 62.62 ug/l
 RT: 10.683 min Scan# 1574
 Delta R.T. 0.000 min
 Lab File: VX020462.D
 Acq: 30 Dec 2020 17:41

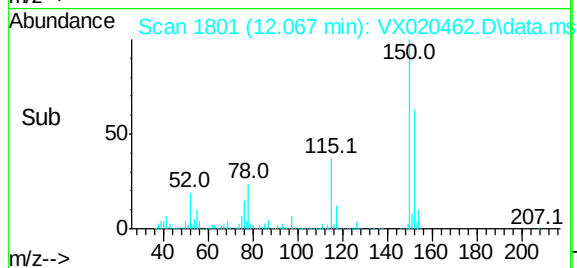
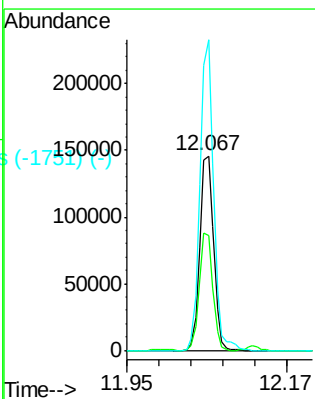
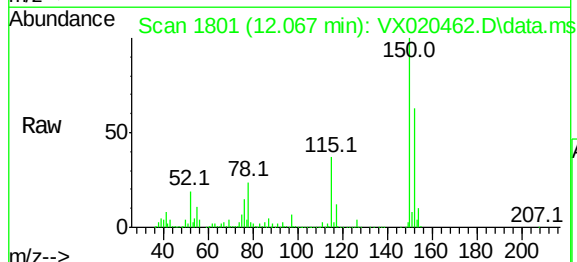
Instrument :
 MSVOA_X
 ClientSampleId :
 31368

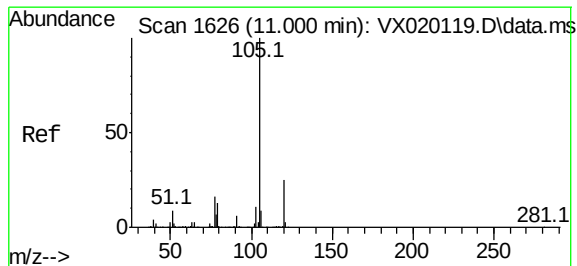
Tgt Ion:106 Resp: 341391
 Ion Ratio Lower Upper
 106 100
 91 218.8 108.1 324.2



Scan 1801 (12.067 min): VX020119.D\data.ms
 #724 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.067 min Scan# 1801
 Delta R.T. 0.006 min
 Lab File: VX020462.D
 Acq: 30 Dec 2020 17:41

Tgt Ion:152 Resp: 193463
 Ion Ratio Lower Upper
 152 100
 115 59.1 41.1 123.3
 150 158.9 0.0 349.0

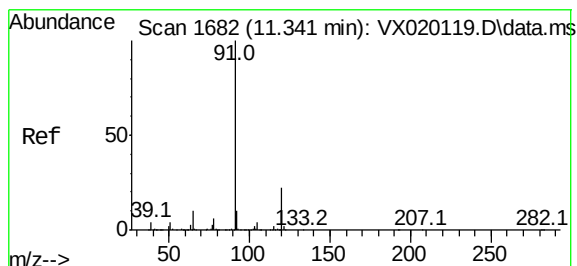
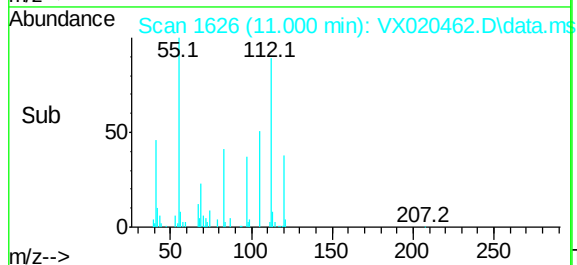
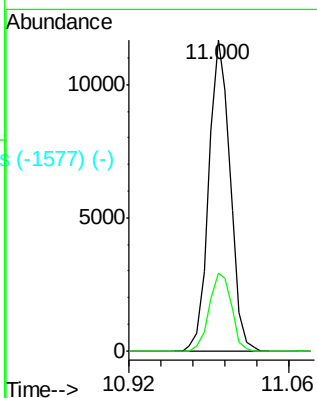
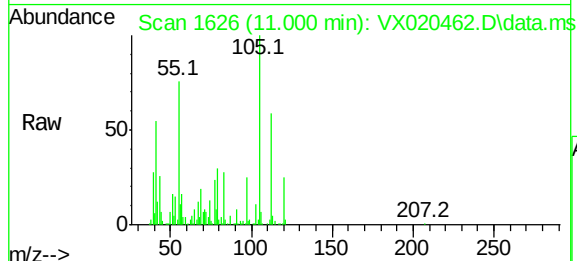




#1618 (-)
Isopropylbenzene
Concen: 1.07 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX020462.D
Acq: 30 Dec 2020 17:41

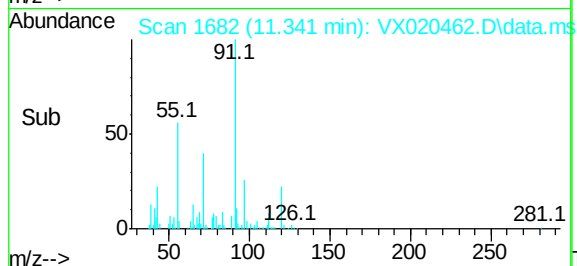
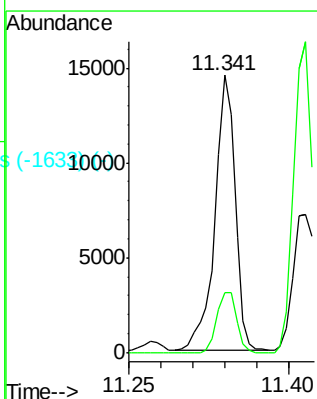
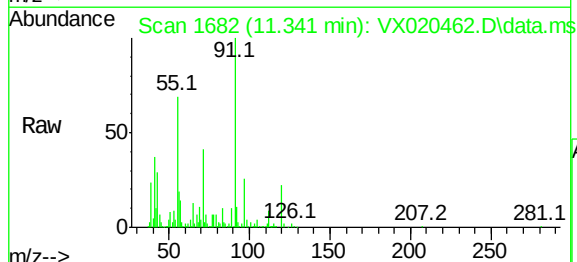
Instrument :
MSVOA_X
ClientSampleId :
31368

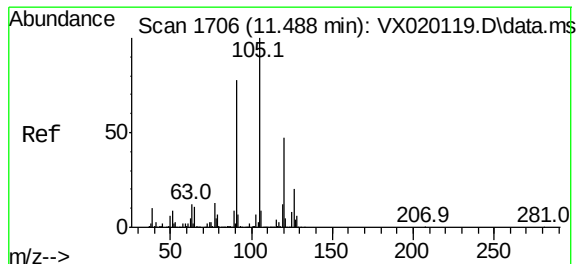
Tgt Ion:105 Resp: 14884
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.6



#1677 (-)
n-propylbenzene
Concen: 1.24 ug/l
RT: 11.341 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VX020462.D
Acq: 30 Dec 2020 17:41

Tgt Ion: 91 Resp: 19963
Ion Ratio Lower Upper
91 100
120 21.1 11.5 34.5

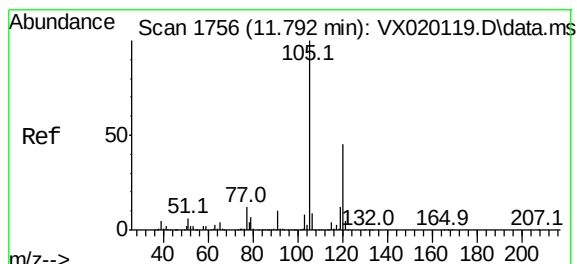
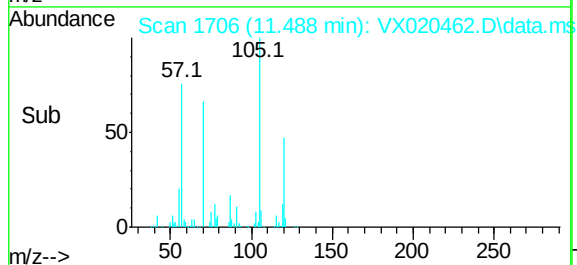
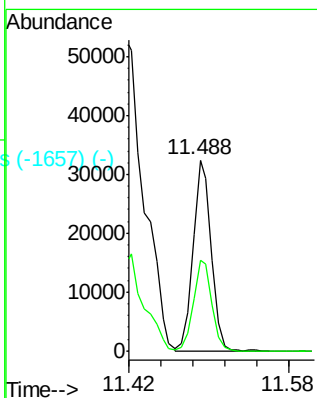
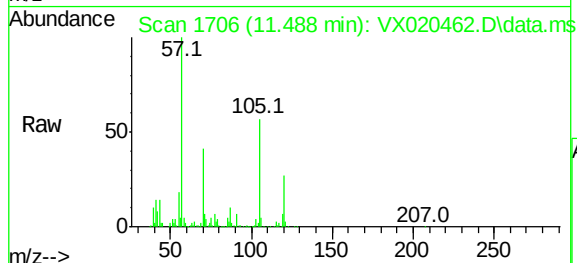




#8900 (-)
 1,3,5-Trimethylbenzene
 Concen: 3.42 ug/l
 RT: 11.488 min Scan# 1706
 Delta R.T. -0.000 min
 Lab File: VX020462.D
 Acq: 30 Dec 2020 17:41

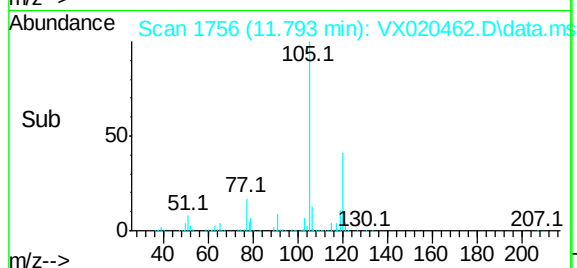
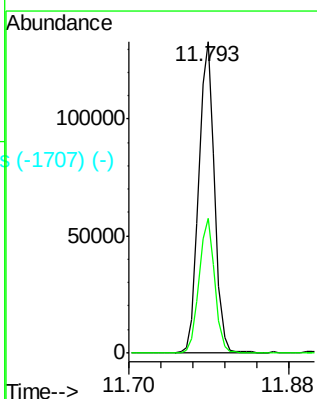
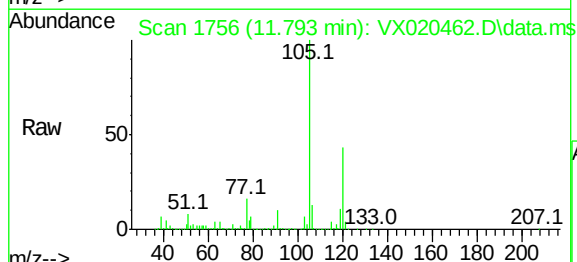
Instrument :
 MSVOA_X
 ClientSampled :
 31368

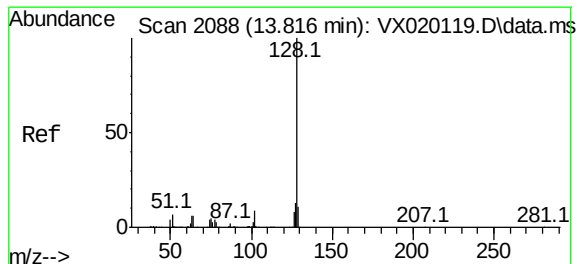
Tgt Ion:105 Resp: 40449
 Ion Ratio Lower Upper
 105 100
 120 48.1 23.8 71.5



#8745 (-)
 1,2,4-Trimethylbenzene
 Concen: 13.49 ug/l
 RT: 11.793 min Scan# 1756
 Delta R.T. 0.001 min
 Lab File: VX020462.D
 Acq: 30 Dec 2020 17:41

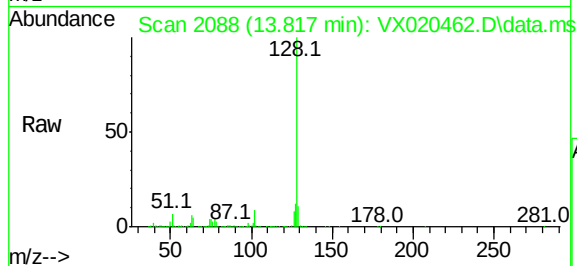
Tgt Ion:105 Resp: 162063
 Ion Ratio Lower Upper
 105 100
 120 42.7 22.4 67.3





#95 (-)
Naphthalene
Concen: 14.92 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. 0.001 min
Lab File: VX020462.D
Acq: 30 Dec 2020 17:41

Instrument :
MSVOA_X
ClientSampleId :
31368



Tgt Ion:128 Resp: 199459

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.3	8.8	13.2

