

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
 Data File : VX020286.D
 Acq On : 22 Dec 2020 06:03
 Operator : JC/MD
 Sample : L5159-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CGP-1

Quant Time: Dec 22 06:58:01 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)

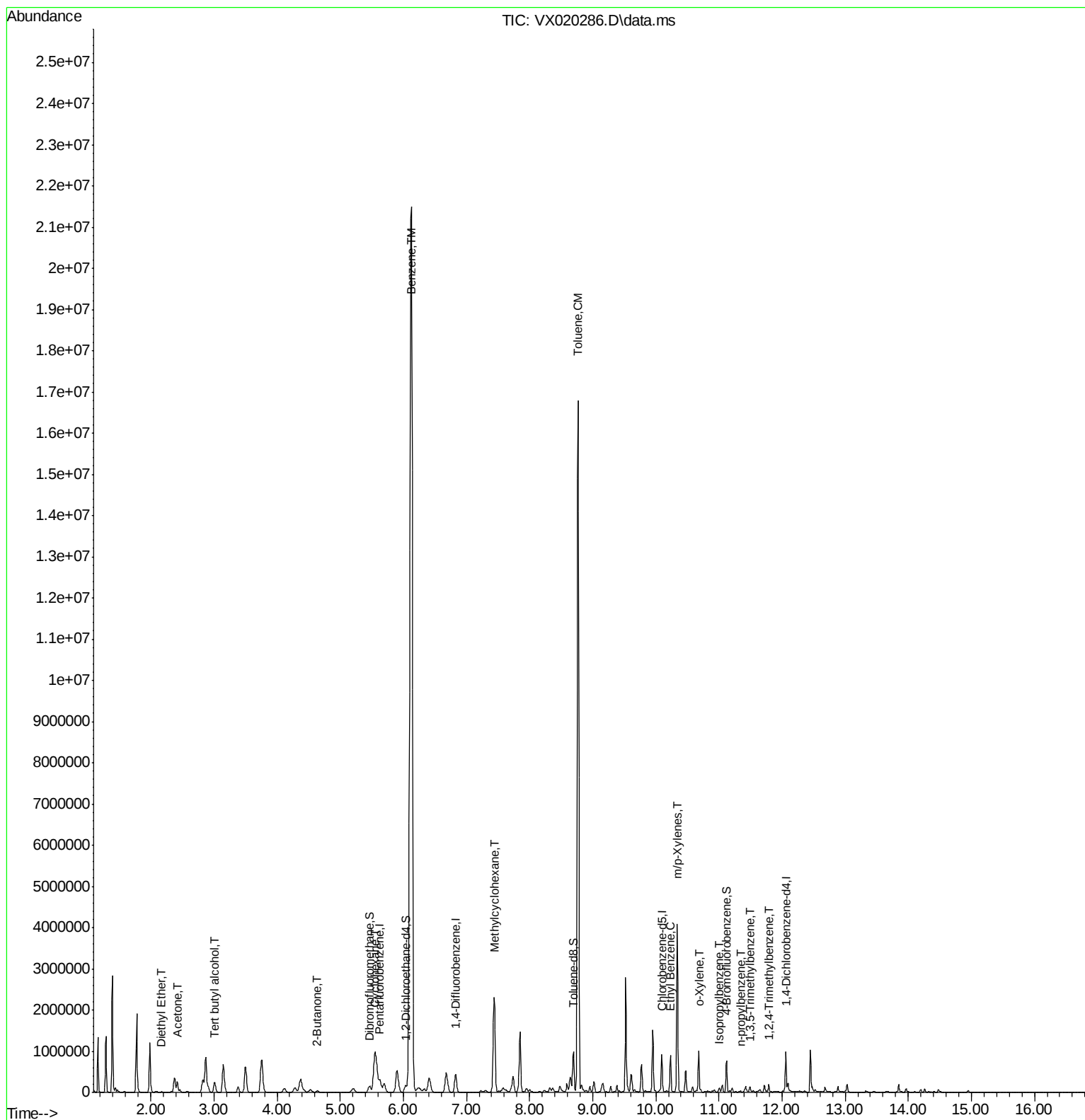
Internal Standards						
1) Pentafluorobenzene	5.629	168	274815	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	445795	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	419215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	201621	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.038	65	175325	47.59	ug/l	0.01
Spiked Amount	50.000	Range 61 - 141	Recovery	=	95.18%	
35) Dibromofluoromethane	5.464	113	138992	48.74	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	97.48%	
50) Toluene-d8	8.696	98	565042	51.47	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	102.94%	
62) 4-Bromofluorobenzene	11.122	95	206662	49.19	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	98.38%	
Target Compounds						
						Qvalue
8) Diethyl Ether	2.166	74	3061	1.45	ug/l	92
11) Tert butyl alcohol	3.008	59	256126	310.50	ug/l	99
16) Acetone	2.416	43	256704	152.82	ug/l	99
25) 2-Butanone	4.635	43	55244	22.60	ug/l	100
31) Cyclohexane	5.550	56	728567	143.43	ug/l	96
39) Methylcyclohexane	7.440	83	1057239	207.89	ug/l	96
40) Benzene	6.129	78	26066637	1900.53	ug/l #	85
52) Toluene	8.769	92	6754822	807.02	ug/l	90
67) Ethyl Benzene	10.232	91	519447	33.04	ug/l	99
68) m/p-Xylenes	10.342	106	909345	154.93	ug/l	99
69) o-Xylene	10.683	106	200490	35.49	ug/l	98
73) Isopropylbenzene	11.000	105	32207	2.21	ug/l	99
78) n-propylbenzene	11.341	91	19065	1.14	ug/l	100
80) 1,3,5-Trimethylbenzene	11.488	105	51758	4.20	ug/l	98
84) 1,2,4-Trimethylbenzene	11.793	105	78376	6.26	ug/l	99

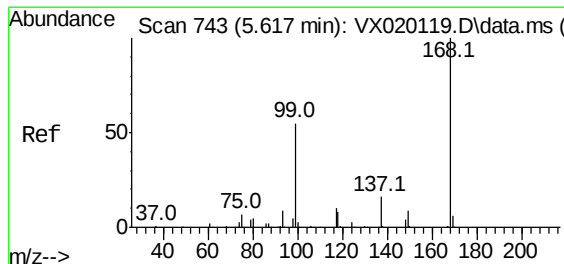
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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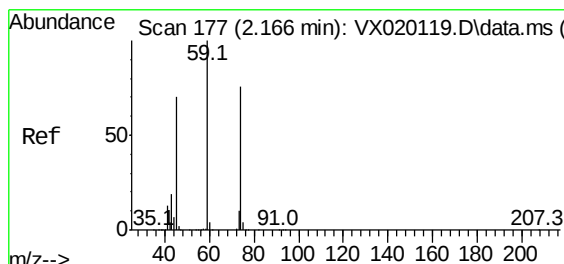
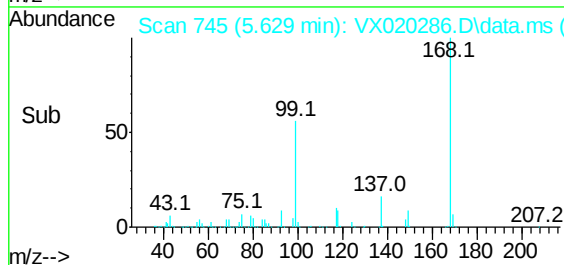
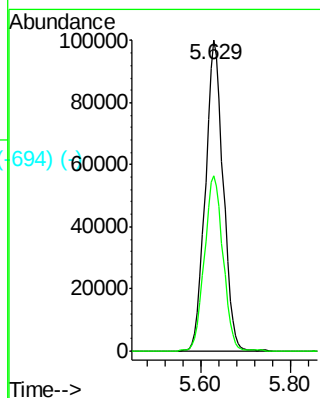
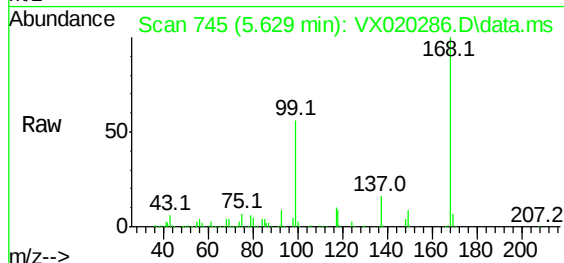




Scan 743 (5.617 min): VX020119.D\data.ms (-750) (-)
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020286.D
 Acq: 22 Dec 2020 06:03

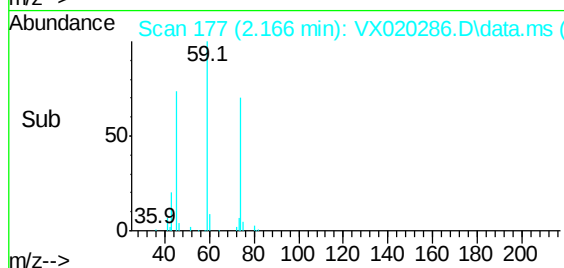
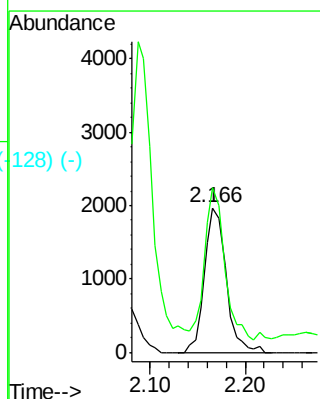
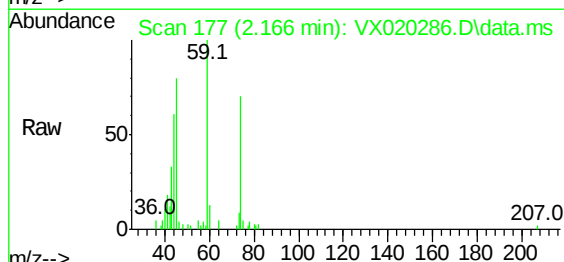
Instrument :
 MSVOA_X
 ClientSampled :
 CGP-1

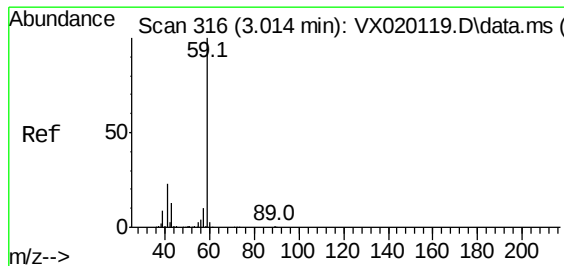
Tgt Ion: 168 Resp: 274815
 Ion Ratio Lower Upper
 168 100
 99 56.4 45.8 68.6



Scan 177 (2.166 min): VX020119.D\data.ms (-176) (-)
 Diethyl Ether
 Concen: 1.45 ug/l
 RT: 2.166 min Scan# 177
 Delta R.T. 0.000 min
 Lab File: VX020286.D
 Acq: 22 Dec 2020 06:03

Tgt Ion: 74 Resp: 3061
 Ion Ratio Lower Upper
 74 100
 45 96.6 44.5 133.5

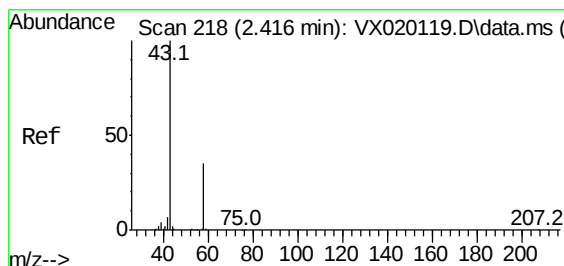
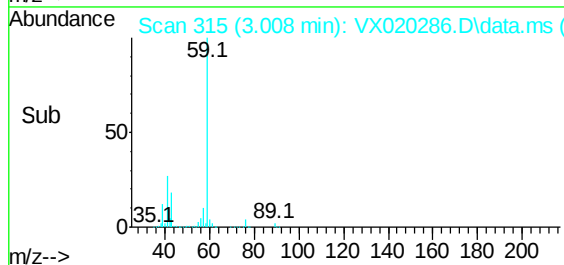
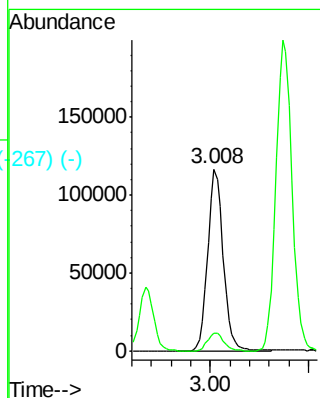
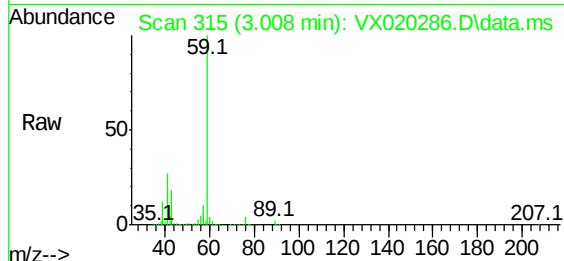




Tert butyl alcohol
 Concen: 310.50 ug/l
 RT: 3.008 min Scan# 315
 Delta R.T. -0.006 min
 Lab File: VX020286.D
 Acq: 22 Dec 2020 06:03

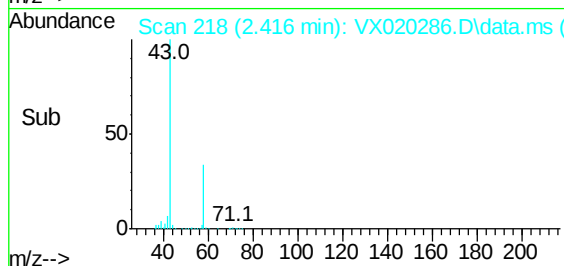
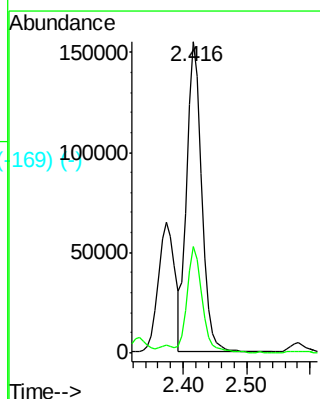
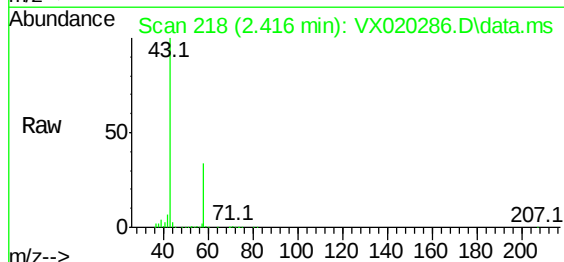
Instrument :
 MSVOA_X
 ClientSampleId :
 CGP-1

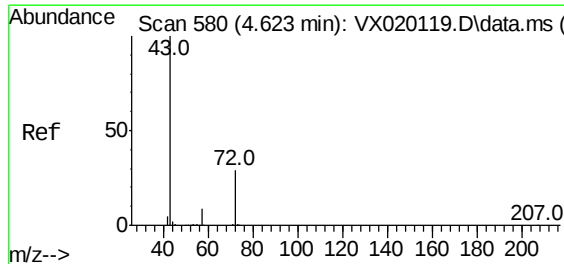
Tgt Ion: 59 Resp: 256126
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.8 11.8



Acetone
 Concen: 152.82 ug/l
 RT: 2.416 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VX020286.D
 Acq: 22 Dec 2020 06:03

Tgt Ion: 43 Resp: 256704
 Ion Ratio Lower Upper
 43 100
 58 34.1 27.8 41.8

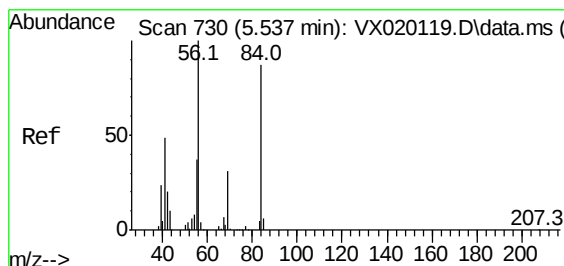
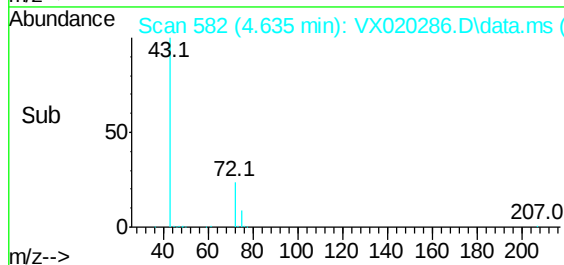
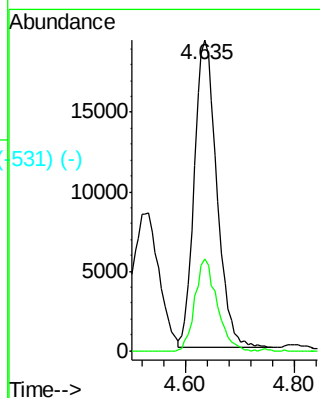
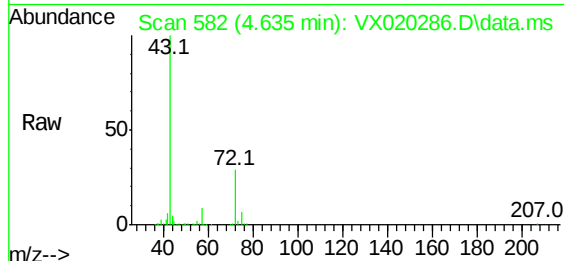




#85 (-)
2-Butanone
Concen: 22.60 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.012 min
Lab File: VX020286.D
Acq: 22 Dec 2020 06:03

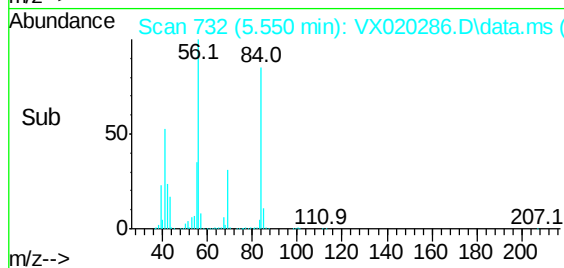
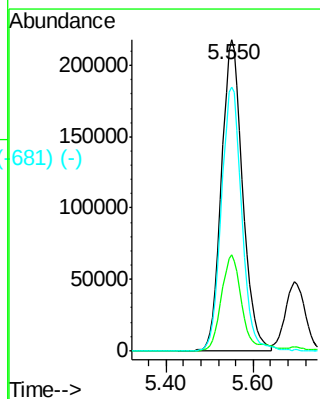
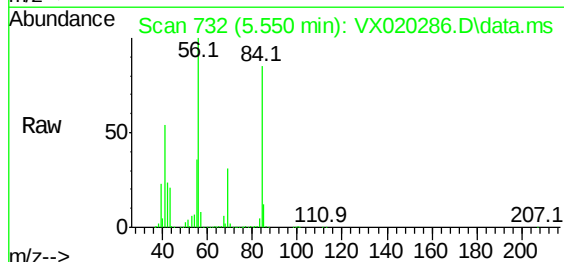
Instrument :
MSVOA_X
ClientSampleId :
CGP-1

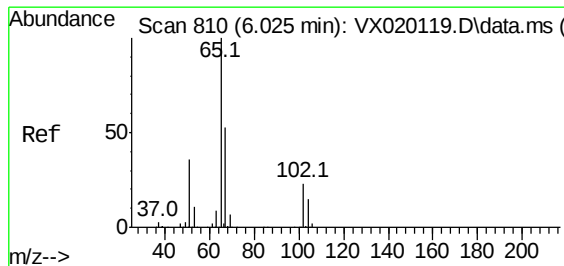
Tgt Ion: 43 Resp: 55244
Ion Ratio Lower Upper
43 100
72 29.4 23.7 35.5



#81 (-)
Cyclohexane
Concen: 143.43 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.013 min
Lab File: VX020286.D
Acq: 22 Dec 2020 06:03

Tgt Ion: 56 Resp: 728567
Ion Ratio Lower Upper
56 100
69 30.9 25.3 37.9
84 84.9 71.4 107.0

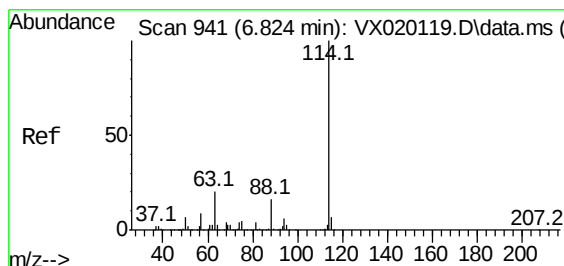
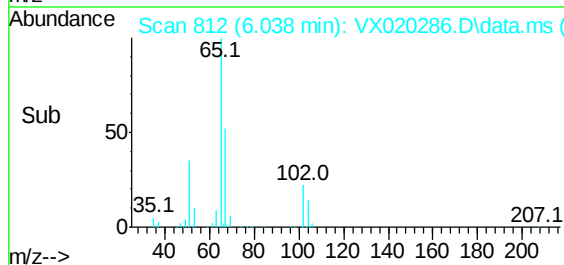
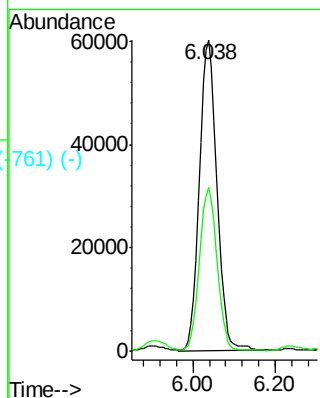
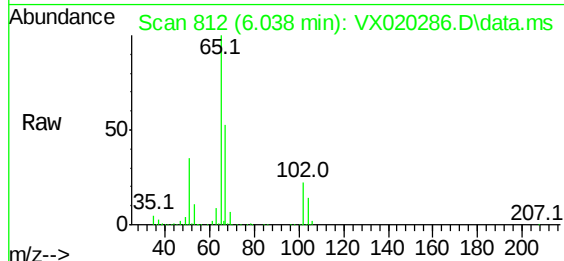




Scan 810 (6.025 min): VX020119.D\data.ms (-753) (-)
 1,2-Dichloroethane-d4
 Concen: 47.59 ug/l
 RT: 6.038 min Scan# 812
 Delta R.T. 0.013 min
 Lab File: VX020286.D
 Acq: 22 Dec 2020 06:03

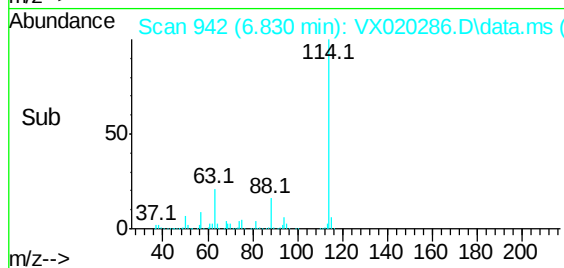
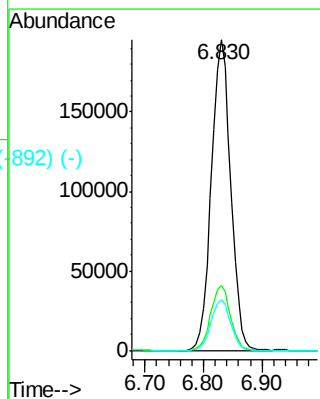
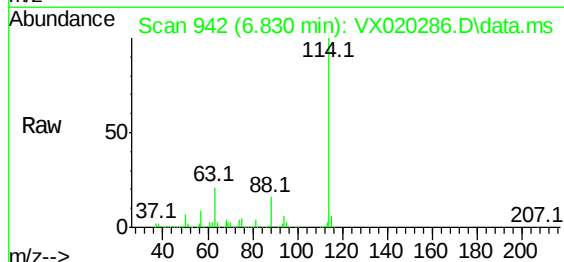
Instrument :
 MSVOA_X
 ClientSampleId :
 CGP-1

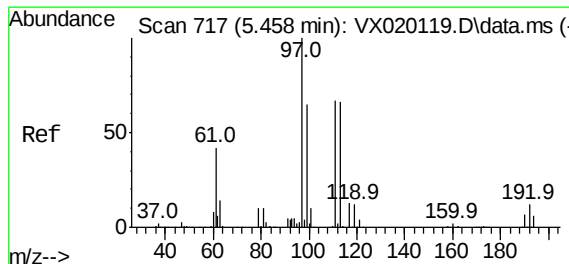
Tgt Ion: 65 Resp: 175325
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.4



Scan 941 (6.824 min): VX020119.D\data.ms (-954) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.830 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VX020286.D
 Acq: 22 Dec 2020 06:03

Tgt Ion: 114 Resp: 445795
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.8
 88 16.3 0.0 32.8

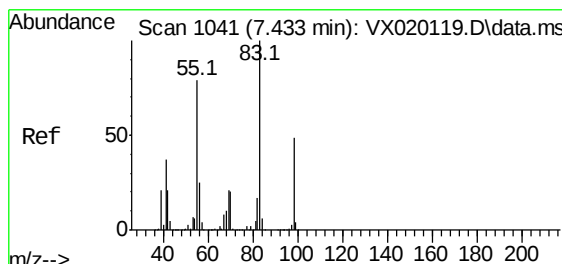
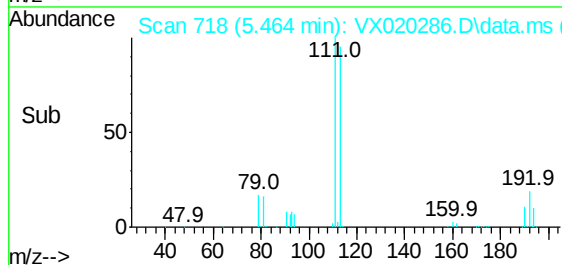
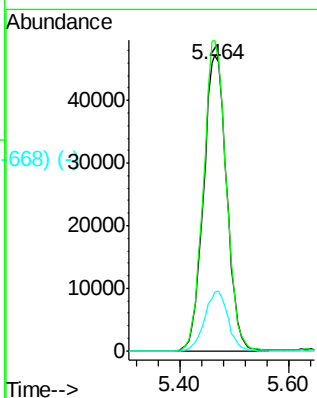
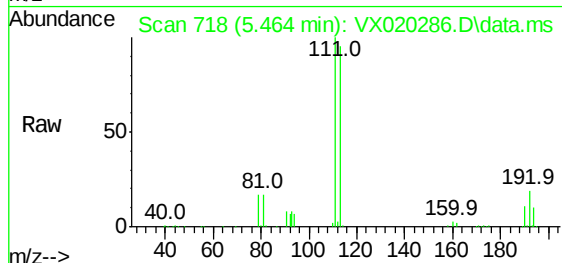




Dibromofluoromethane
Concen: 48.74 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020286.D
Acq: 22 Dec 2020 06:03

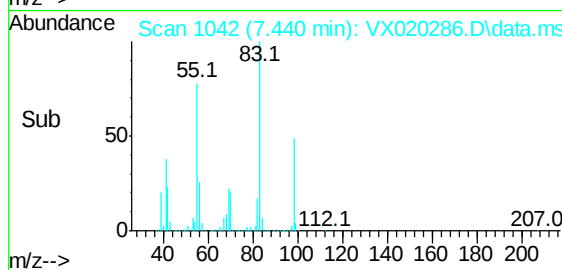
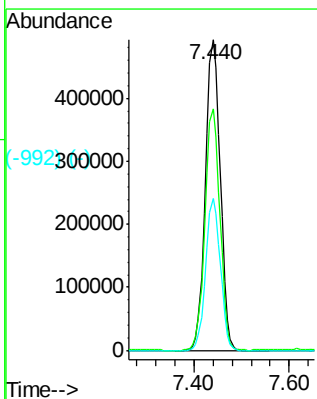
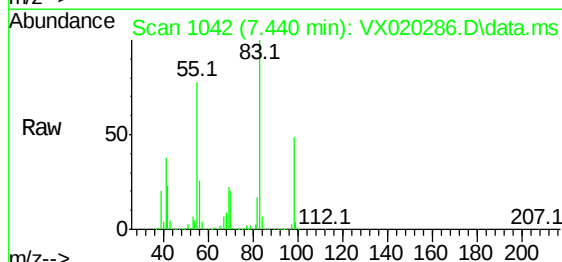
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ClientSampleId :
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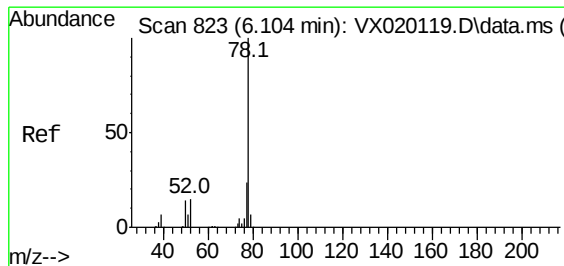
Tgt Ion: 113 Resp: 138992
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 20.1 16.7 25.1



Methylcyclohexane
Concen: 207.89 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.007 min
Lab File: VX020286.D
Acq: 22 Dec 2020 06:03

Tgt Ion: 83 Resp: 1057239
Ion Ratio Lower Upper
83 100
55 77.6 58.9 88.3
98 49.1 38.1 57.1

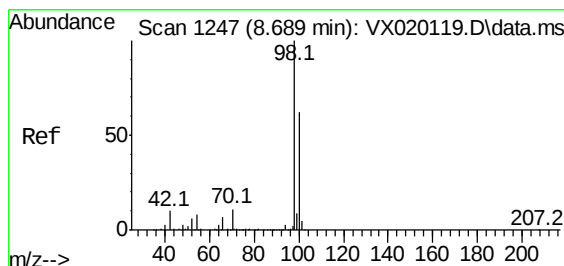
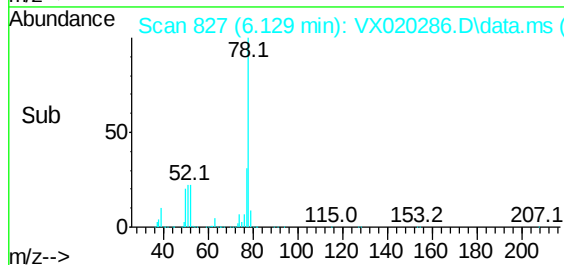
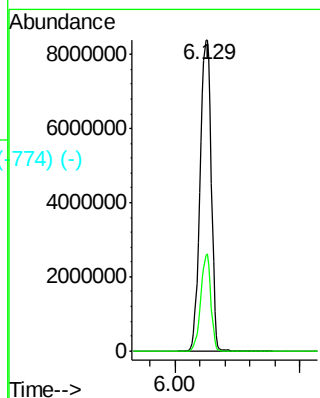
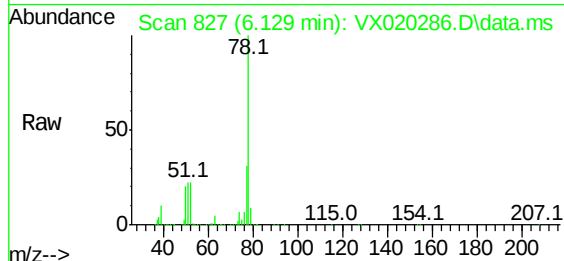




Benzene
Concen: 1900.53 ug/l
RT: 6.129 min Scan# 827
Delta R.T. 0.025 min
Lab File: VX020286.D
Acq: 22 Dec 2020 06:03

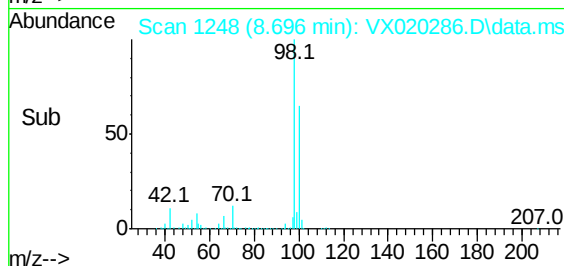
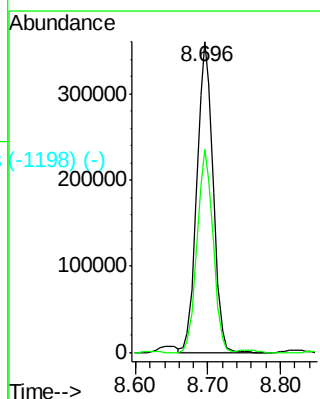
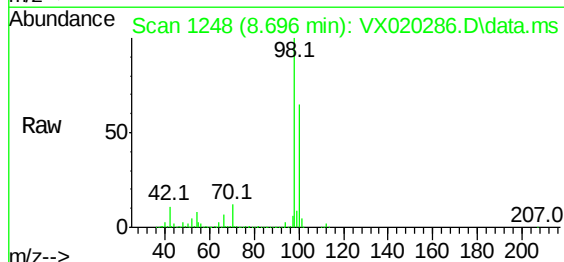
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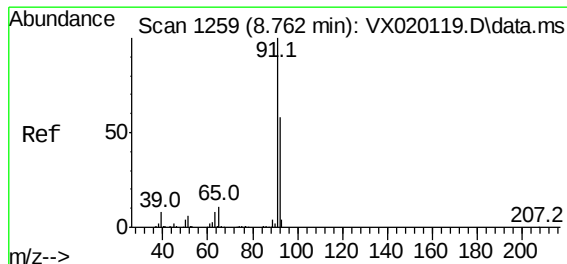
Tgt Ion: 78 Resp: 26066637
Ion Ratio Lower Upper
78 100
77 31.1 18.9 28.3#



Toluene-d8
Concen: 51.47 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020286.D
Acq: 22 Dec 2020 06:03

Tgt Ion: 98 Resp: 565042
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

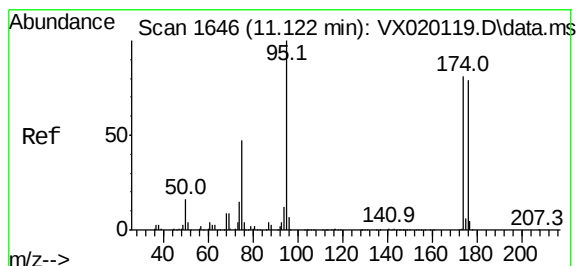
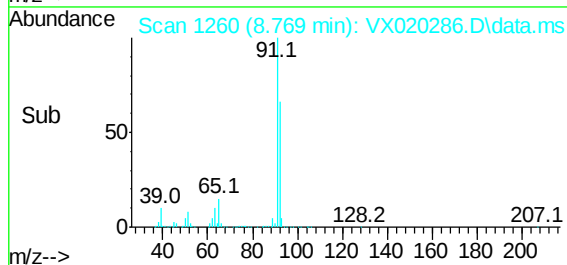
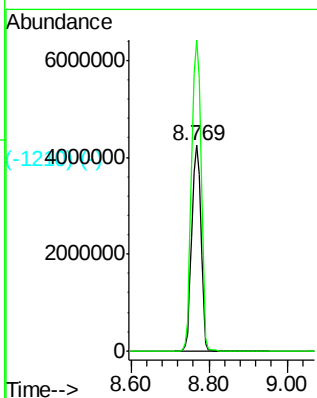
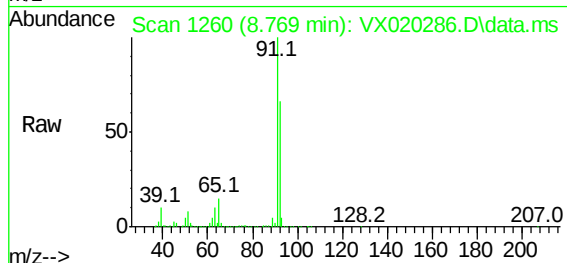




#521 (-)
Toluene
Concen: 807.02 ug/l
RT: 8.769 min Scan# 1260
Delta R.T. 0.007 min
Lab File: VX020286.D
Acq: 22 Dec 2020 06:03

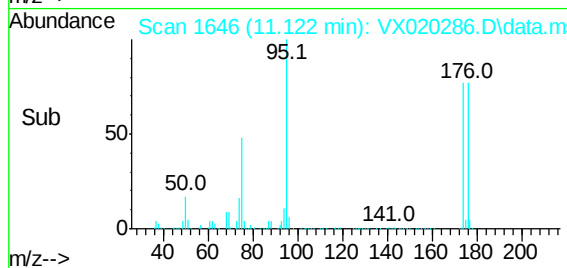
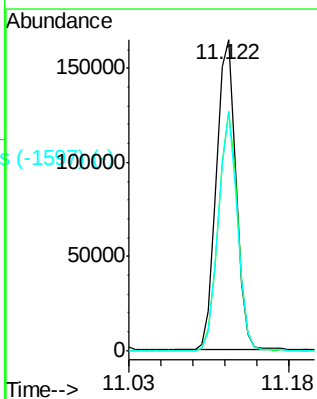
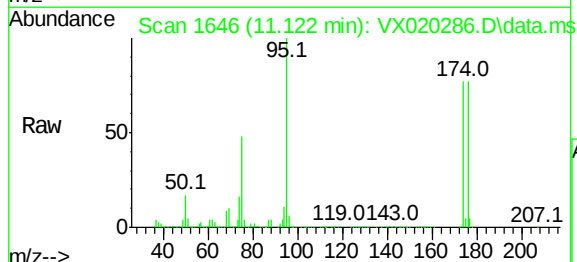
Instrument :
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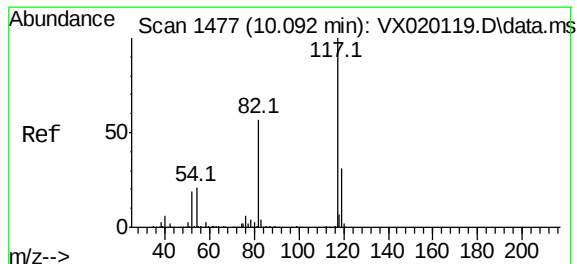
Tgt Ion: 92 Resp: 6754822
Ion Ratio Lower Upper
92 100
91 157.9 137.1 205.7



#639 (-)
4-Bromofluorobenzene
Concen: 49.19 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020286.D
Acq: 22 Dec 2020 06:03

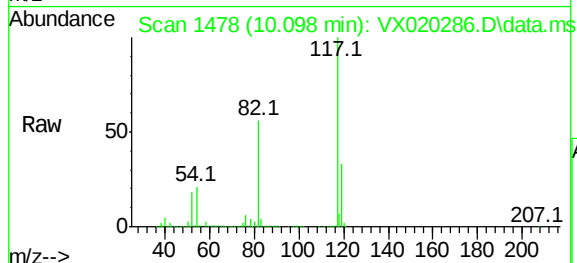
Tgt Ion: 95 Resp: 206662
Ion Ratio Lower Upper
95 100
174 76.0 0.0 154.6
176 74.3 0.0 155.8



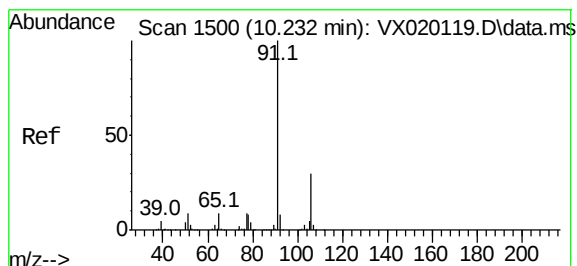
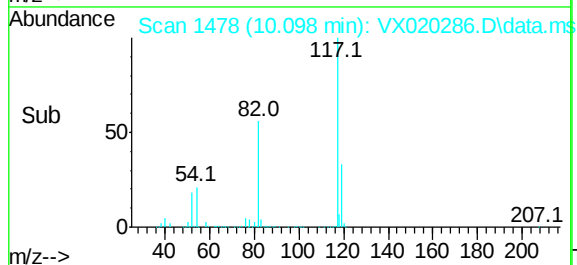
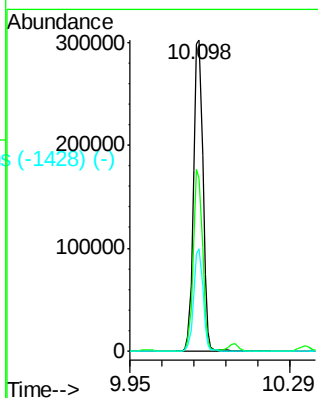


#6270 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020286.D
Acq: 22 Dec 2020 06:03

Instrument :
MSVOA_X
ClientSampleId :
CGP-1

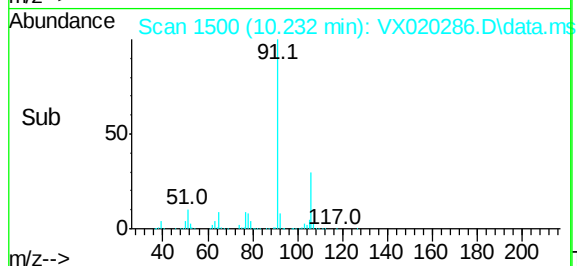
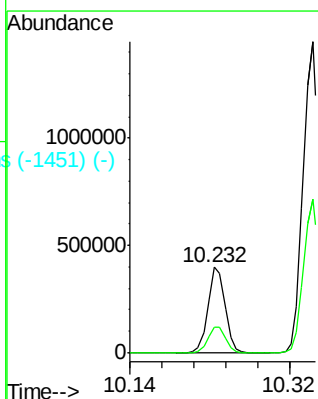
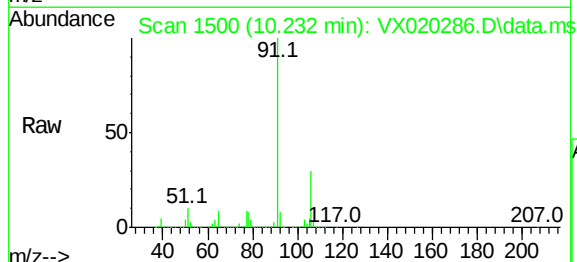


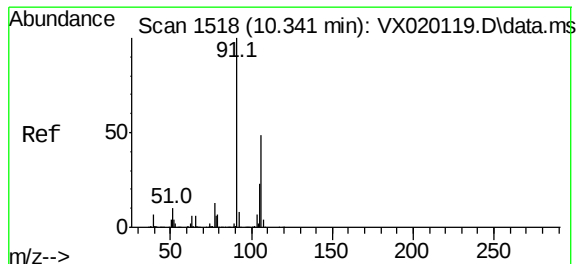
Tgt Ion:	117	Resp:	419215
Ion	Ratio	Lower	Upper
117	100		
82	55.7	47.4	71.2
119	33.0	26.6	39.8



#6293 (-)
Ethyl Benzene
Concen: 33.04 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020286.D
Acq: 22 Dec 2020 06:03

Tgt Ion:	91	Resp:	519447
Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.6	37.0

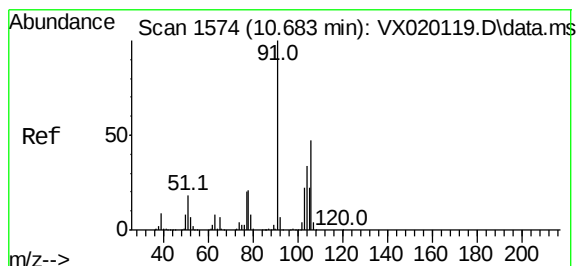
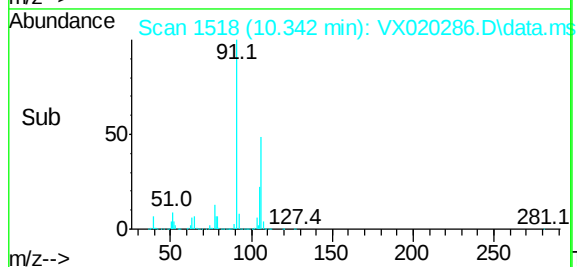
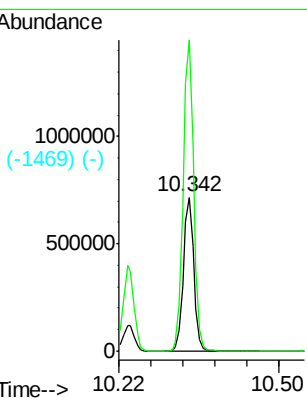
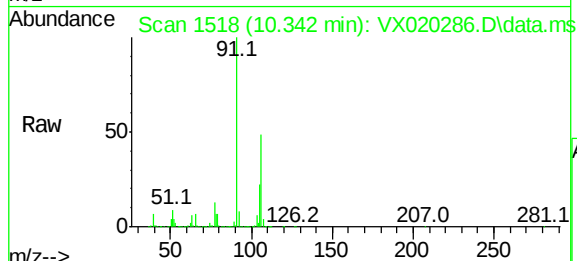




#6911 (-)
m/p-Xylenes
Concen: 154.93 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. 0.001 min
Lab File: VX020286.D
Acq: 22 Dec 2020 06:03

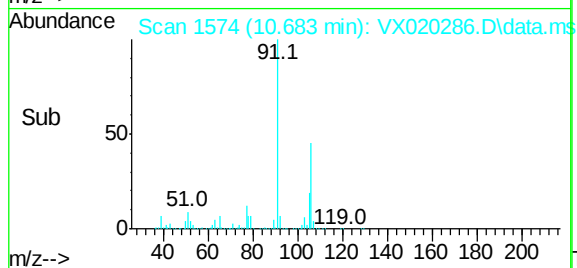
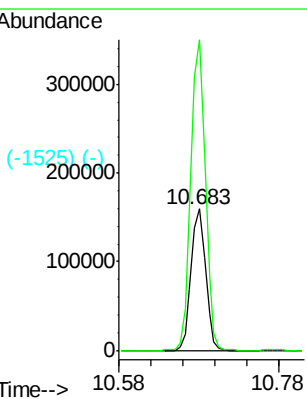
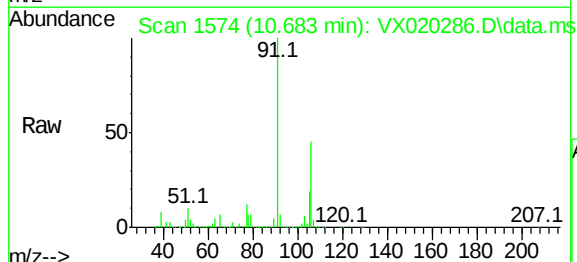
Instrument :
MSVOA_X
ClientSampleId :
CGP-1

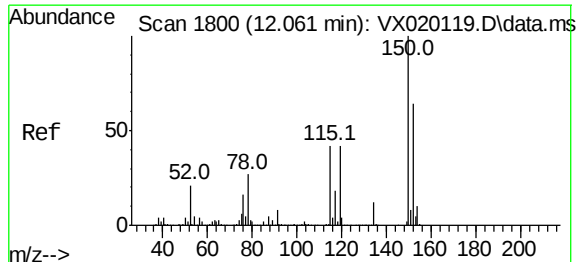
Tgt Ion:106 Resp: 909345
Ion Ratio Lower Upper
106 100
91 205.4 162.8 244.2



#6967 (-)
o-Xylene
Concen: 35.49 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VX020286.D
Acq: 22 Dec 2020 06:03

Tgt Ion:106 Resp: 200490
Ion Ratio Lower Upper
106 100
91 219.4 108.1 324.2

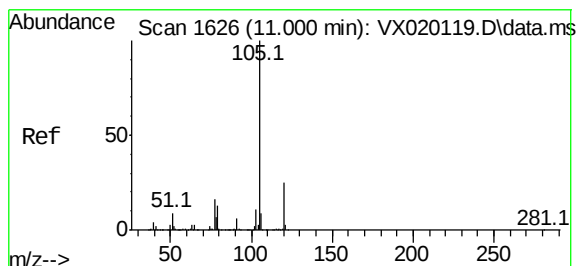
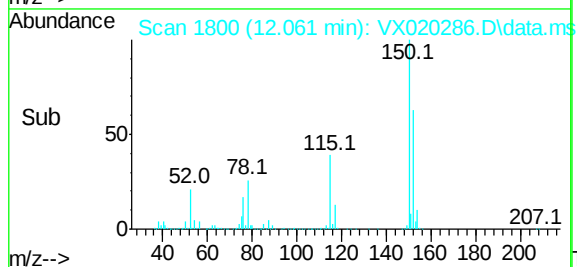
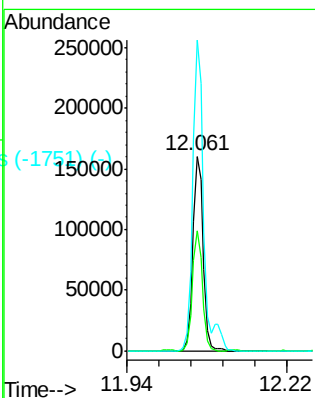
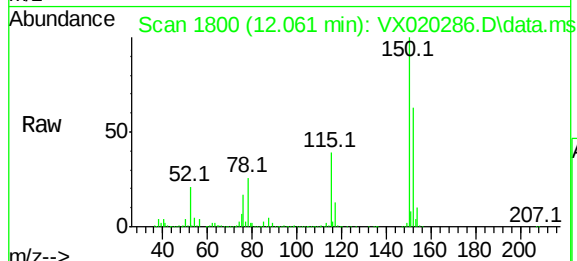




#1794 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020286.D
Acq: 22 Dec 2020 06:03

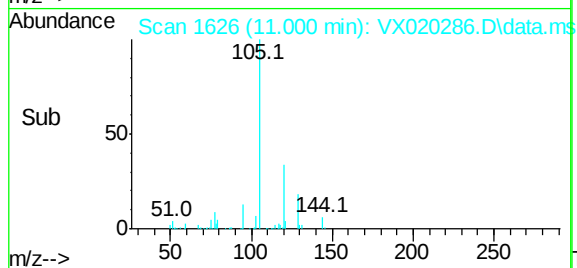
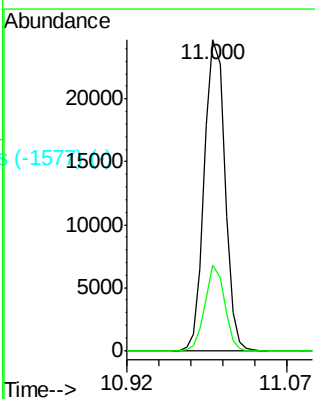
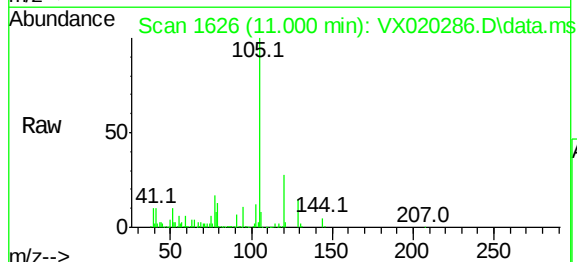
Instrument :
MSVOA_X
ClientSampleId :
CGP-1

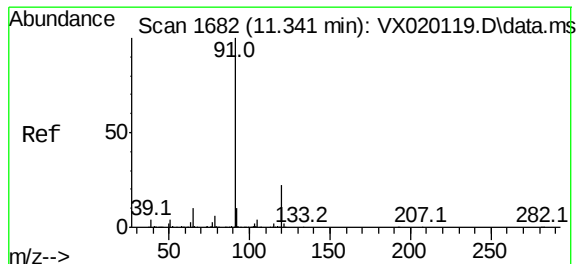
Tgt Ion:152 Resp: 201621
Ion Ratio Lower Upper
152 100
115 60.1 41.1 123.3
150 169.8 0.0 349.0



#1798 (-)
Isopropylbenzene
Concen: 2.21 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX020286.D
Acq: 22 Dec 2020 06:03

Tgt Ion:105 Resp: 32207
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.6

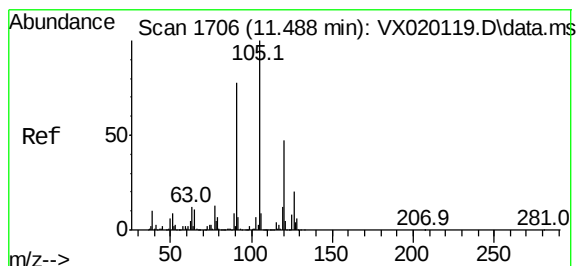
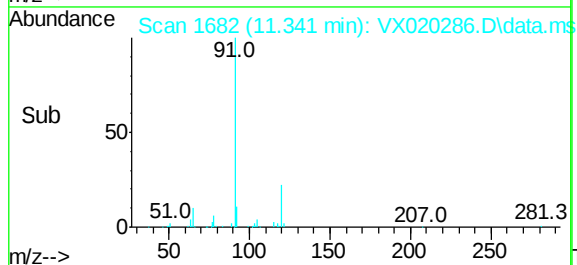
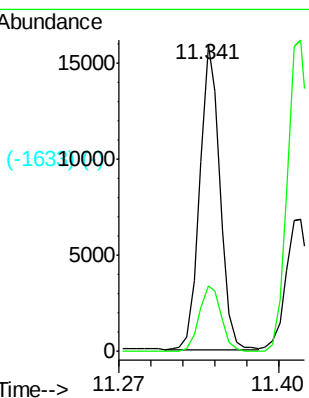
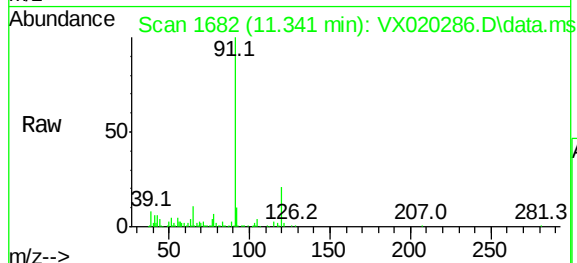




#1677 (-)
n-propylbenzene
Concen: 1.14 ug/l
RT: 11.341 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VX020286.D
Acq: 22 Dec 2020 06:03

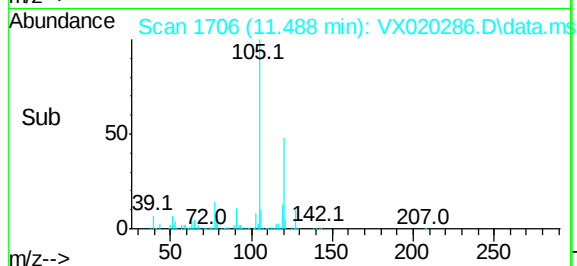
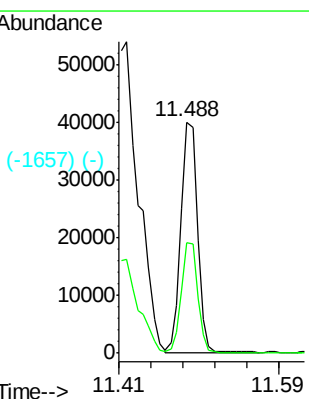
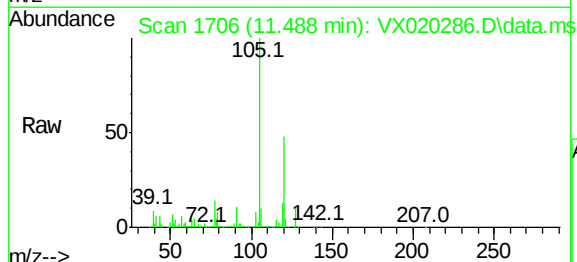
Instrument :
MSVOA_X
ClientSampled :
CGP-1

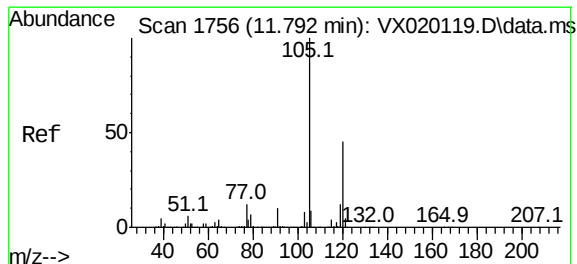
Tgt Ion: 91 Resp: 19065
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.5



#1670 (-)
1,3,5-Trimethylbenzene
Concen: 4.20 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VX020286.D
Acq: 22 Dec 2020 06:03

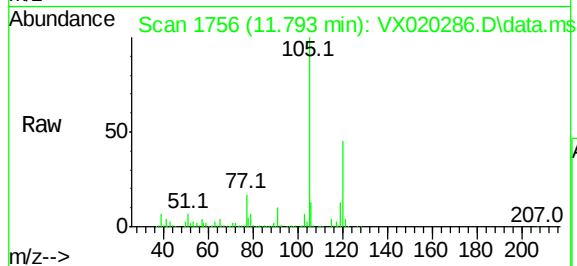
Tgt Ion:105 Resp: 51758
Ion Ratio Lower Upper
105 100
120 46.6 23.8 71.5





#845 (-)
 1,2,4-Trimethylbenzene
 Concen: 6.26 ug/l
 RT: 11.793 min Scan# 1756
 Delta R.T. 0.001 min
 Lab File: VX020286.D
 Acq: 22 Dec 2020 06:03

Instrument :
 MSVOA_X
 ClientSampleId :
 CGP-1



Tgt Ion:105 Resp: 78376

Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.4	67.3

