

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122820\
 Data File : VX020412.D
 Acq On : 28 Dec 2020 14:46
 Operator : JC/MD
 Sample : L5219-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS013-13-6512-122320

Quant Time: Dec 29 00:39:57 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)

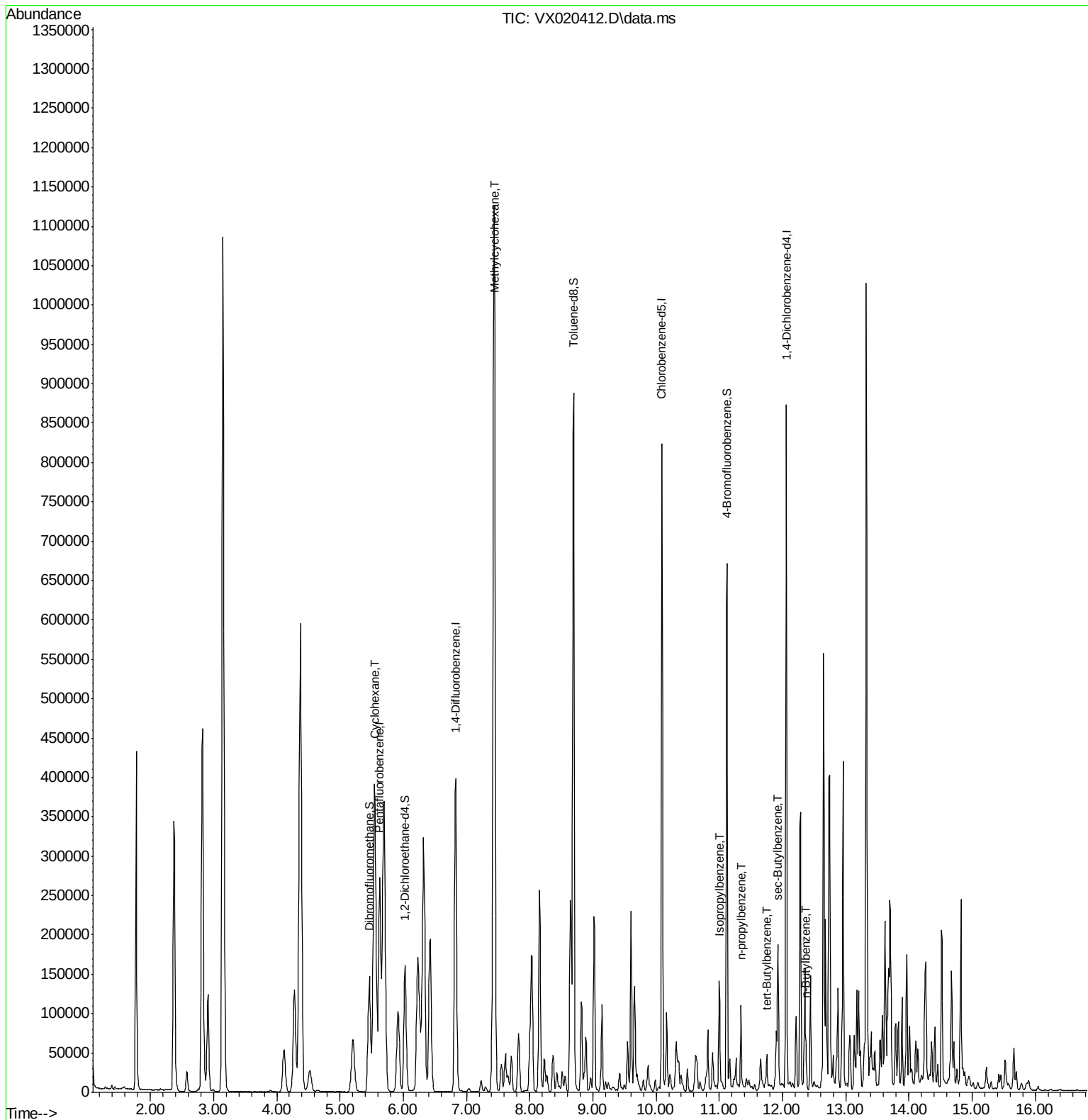
Internal Standards						
1) Pentafluorobenzene	5.629	168	257090	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	406087	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	389840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	180445	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	153704	44.60	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	89.20%	
35) Dibromofluoromethane	5.464	113	127883	49.23	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	98.46%	
50) Toluene-d8	8.696	98	520070	52.01	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	104.02%	
62) 4-Bromofluorobenzene	11.122	95	188692	49.30	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	98.60%	
Target Compounds						
31) Cyclohexane	5.550	56	278750	58.66	ug/l	100
39) Methylcyclohexane	7.440	83	510725	110.25	ug/l	97
73) Isopropylbenzene	11.000	105	68778	5.28	ug/l	99
78) n-propylbenzene	11.341	91	59695	3.98	ug/l	99
83) tert-Butylbenzene	11.750	119	15635	1.48	ug/l	84
85) sec-Butylbenzene	11.927	105	89482	7.32	ug/l	82
89) n-Butylbenzene	12.372	91	30124	3.05	ug/l #	61

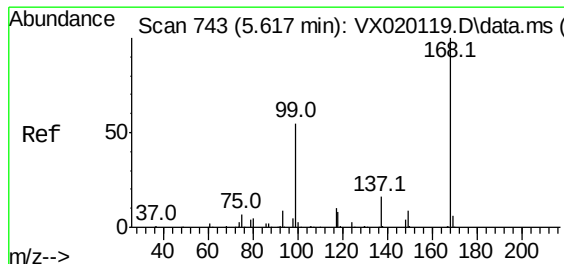
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration

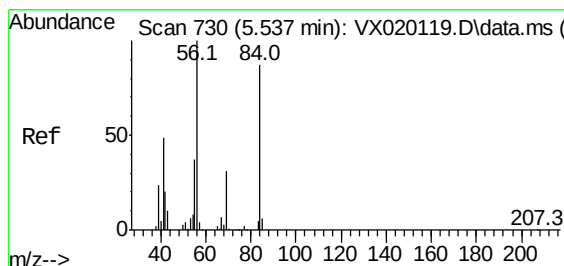
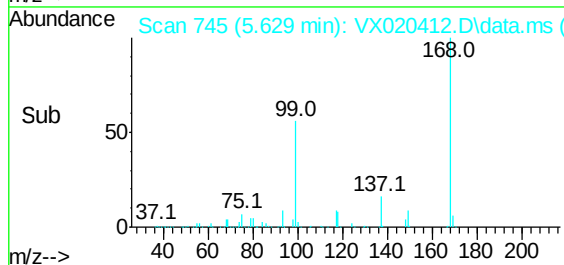
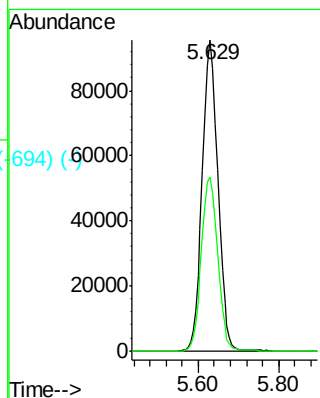
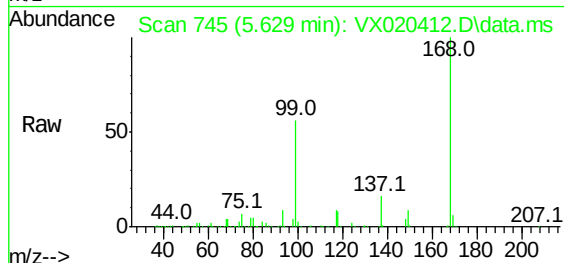




Pentafuorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020412.D
Acq: 28 Dec 2020 14:46

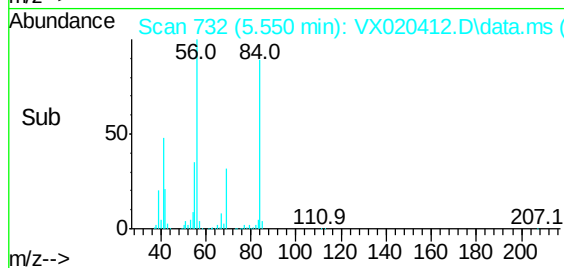
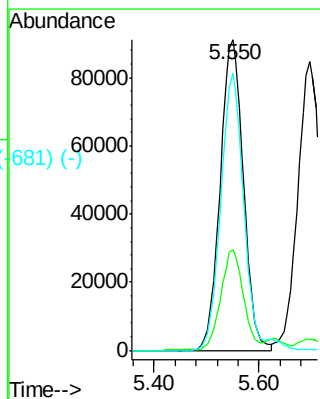
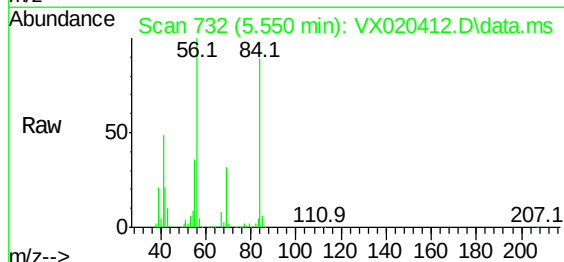
Instrument :
MSVOA_X
ClientSampleId :
SS013-13-6512-122320

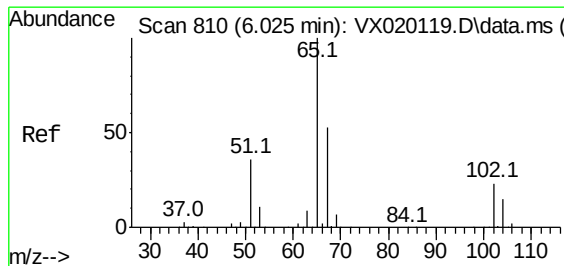
Tgt Ion:168 Resp: 257090
Ion Ratio Lower Upper
168 100
99 56.1 45.8 68.6



Cyclohexane
Concen: 58.66 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.013 min
Lab File: VX020412.D
Acq: 28 Dec 2020 14:46

Tgt Ion: 56 Resp: 278750
Ion Ratio Lower Upper
56 100
69 32.0 25.3 37.9
84 89.3 71.4 107.0

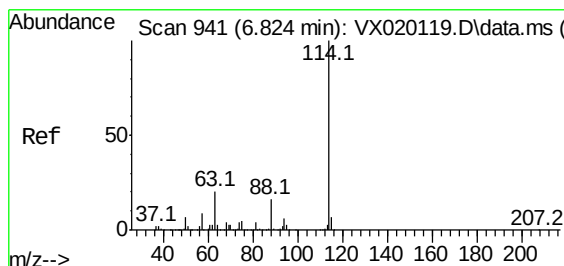
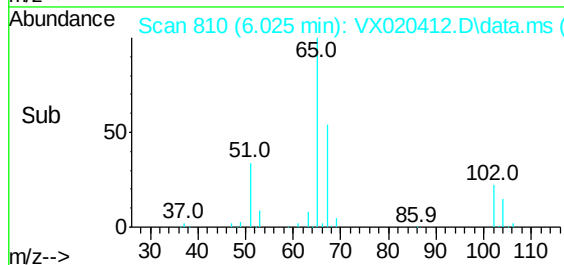
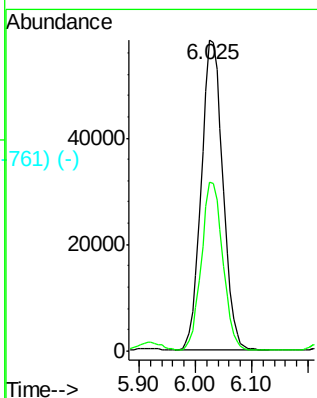
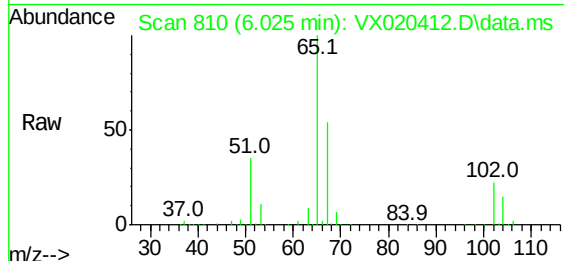




1,2-Dichloroethane-d4
Concen: 44.60 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020412.D
Acq: 28 Dec 2020 14:46

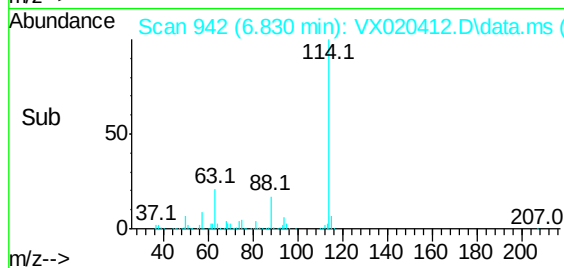
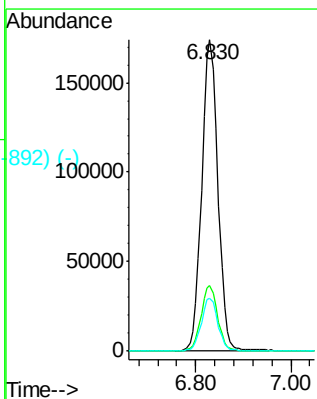
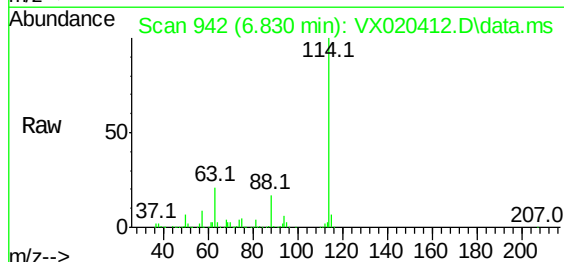
Instrument :
MSVOA_X
ClientSampleId :
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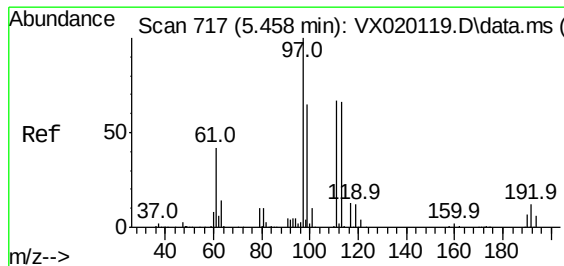
Tgt Ion: 65 Resp: 153704
Ion Ratio Lower Upper
65 100
67 54.2 0.0 105.4



1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020412.D
Acq: 28 Dec 2020 14:46

Tgt Ion:114 Resp: 406087
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.7 0.0 32.8

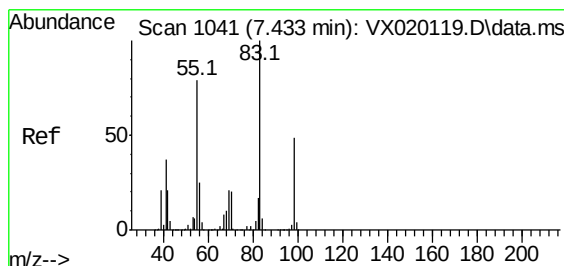
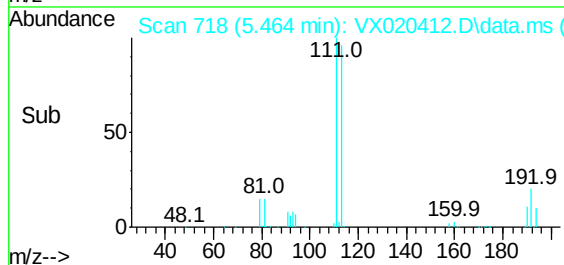
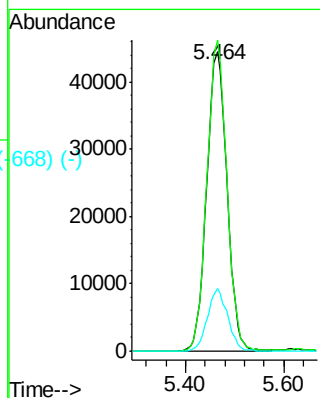
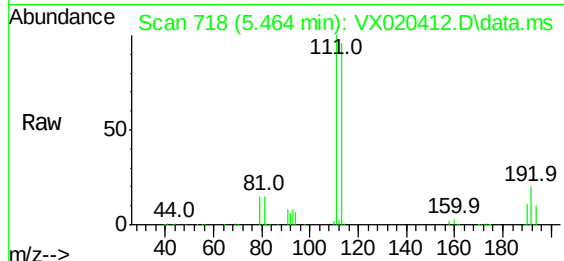




Dibromofluoromethane
Concen: 49.23 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020412.D
Acq: 28 Dec 2020 14:46

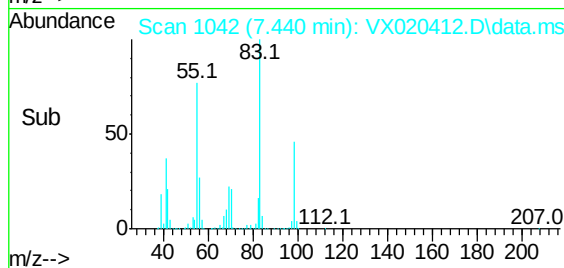
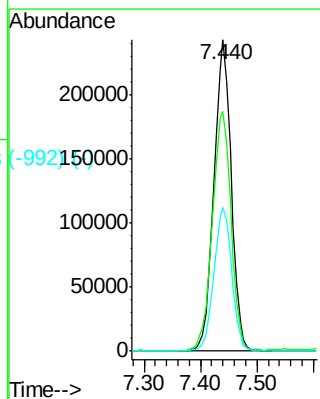
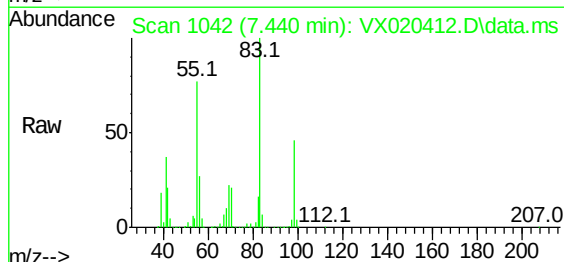
Instrument :
MSVOA_X
ClientSampleId :
SS013-13-6512-122320

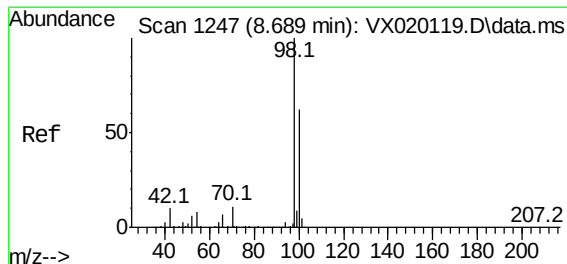
Tgt Ion:113 Resp: 127883
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 20.4 16.7 25.1



Methylcyclohexane
Concen: 110.25 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.007 min
Lab File: VX020412.D
Acq: 28 Dec 2020 14:46

Tgt Ion: 83 Resp: 510725
Ion Ratio Lower Upper
83 100
55 76.8 58.9 88.3
98 45.8 38.1 57.1

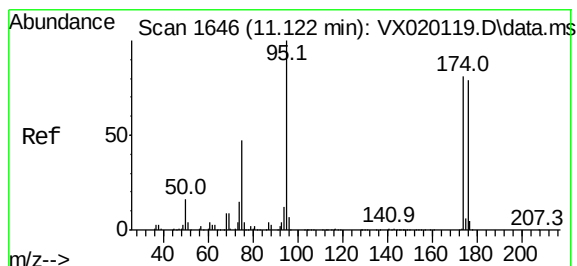
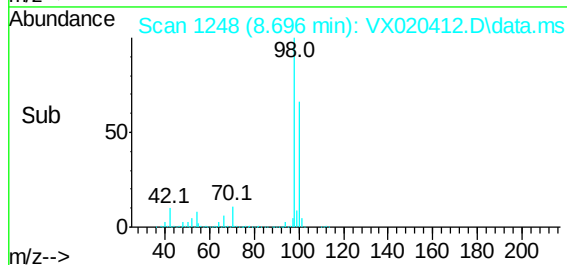
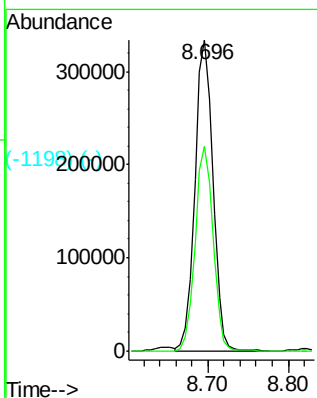
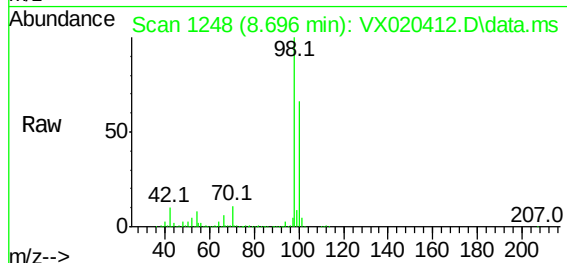




#599 (-)
Toluene-d8
Concen: 52.01 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020412.D
Acq: 28 Dec 2020 14:46

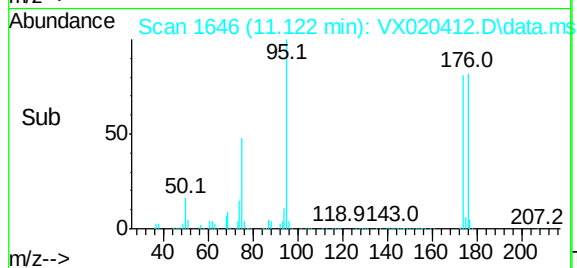
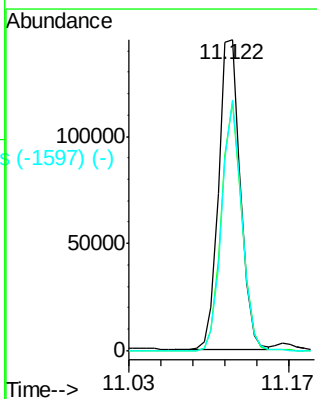
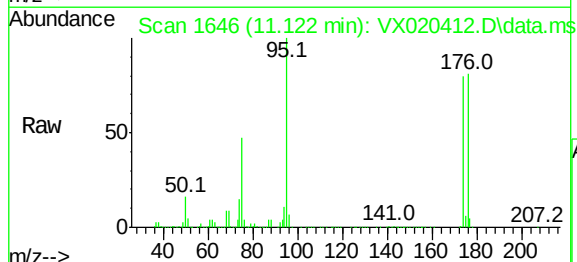
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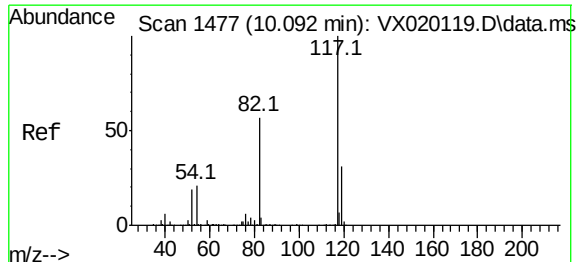
Tgt Ion: 98 Resp: 520070
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9



#639 (-)
4-Bromofluorobenzene
Concen: 49.30 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020412.D
Acq: 28 Dec 2020 14:46

Tgt Ion: 95 Resp: 188692
Ion Ratio Lower Upper
95 100
174 75.0 0.0 154.6
176 74.2 0.0 155.8

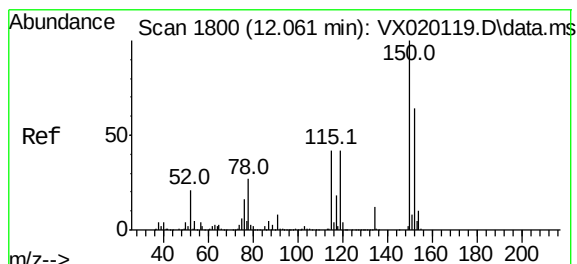
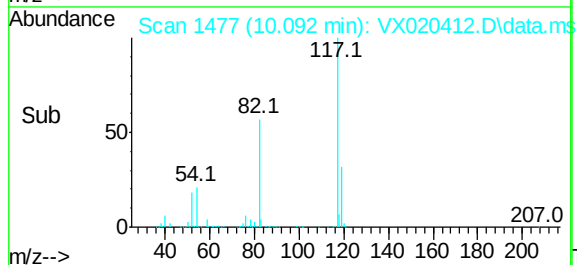
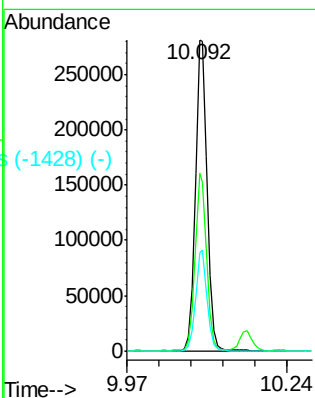
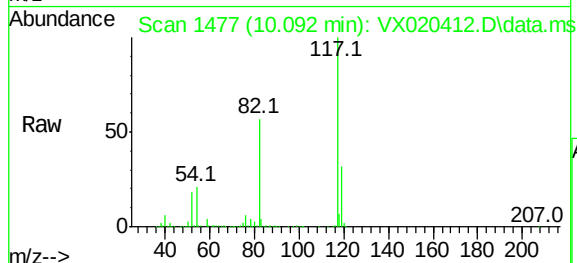




#6270 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020412.D
Acq: 28 Dec 2020 14:46

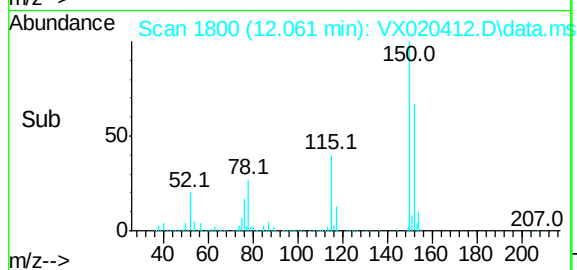
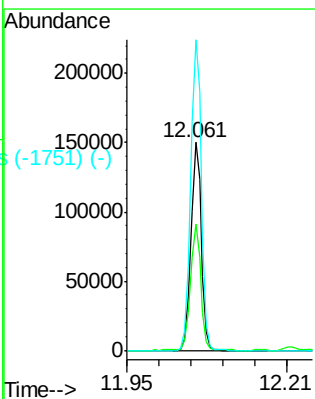
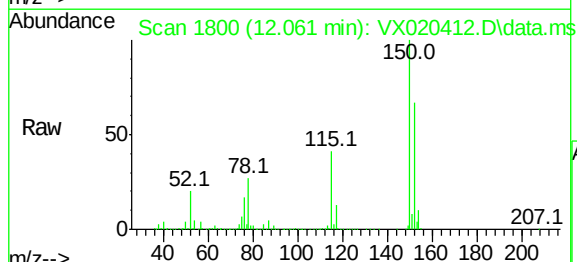
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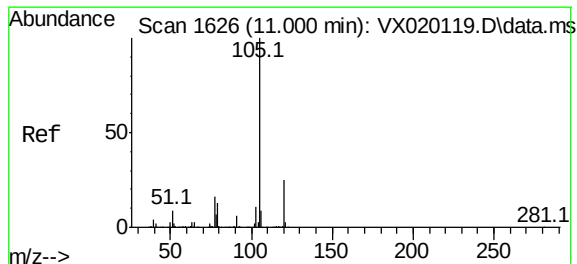
Tgt Ion:	117	Resp:	389840
Ion Ratio	Lower	Upper	
117	100		
82	57.0	47.4	71.2
119	31.8	26.6	39.8



#17294 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020412.D
Acq: 28 Dec 2020 14:46

Tgt Ion:	152	Resp:	180445
Ion Ratio	Lower	Upper	
152	100		
115	59.8	41.1	123.3
150	154.2	0.0	349.0

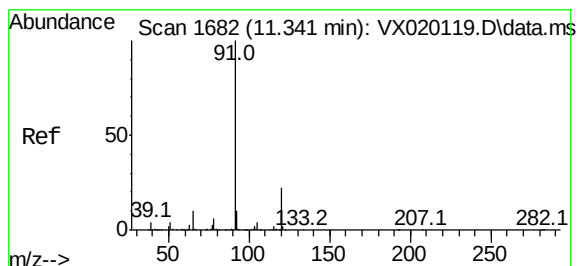
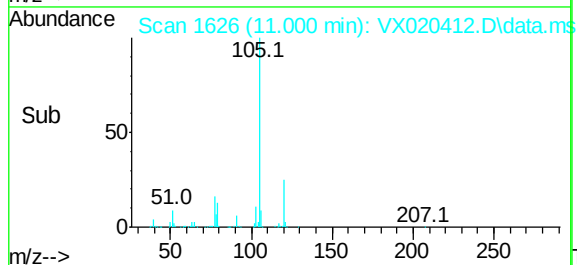
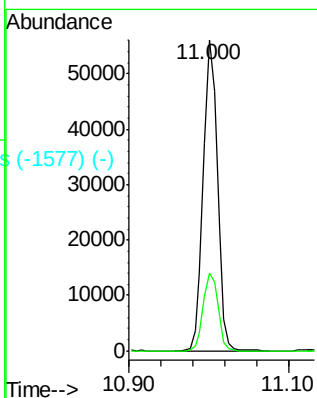
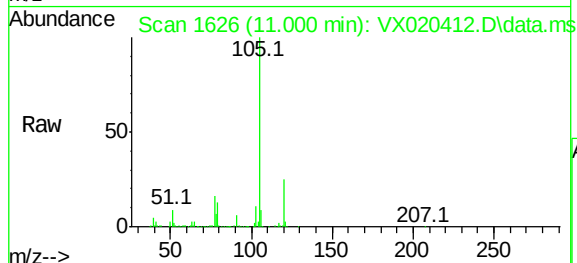




#1618 (-)
Isopropylbenzene
Concen: 5.28 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX020412.D
Acq: 28 Dec 2020 14:46

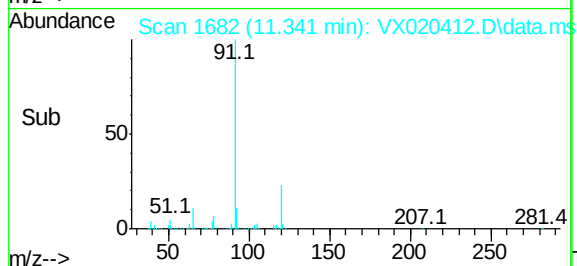
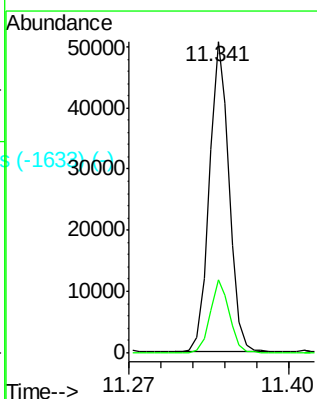
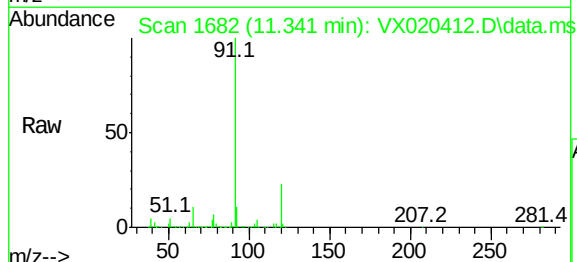
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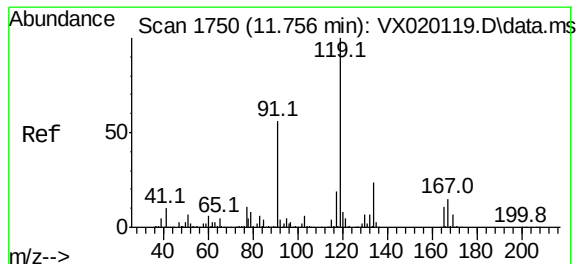
Tgt Ion:105 Resp: 68778
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.6



#1677 (-)
n-propylbenzene
Concen: 3.98 ug/l
RT: 11.341 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VX020412.D
Acq: 28 Dec 2020 14:46

Tgt Ion: 91 Resp: 59695
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.5

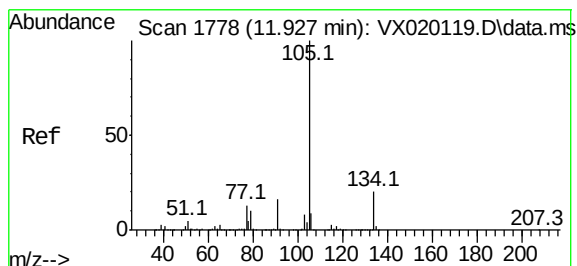
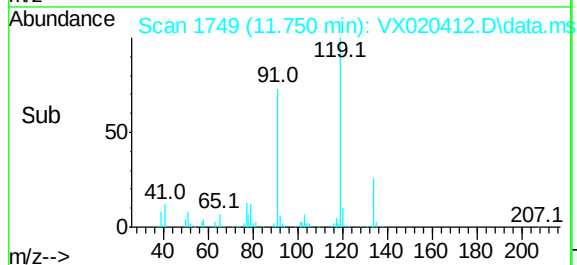
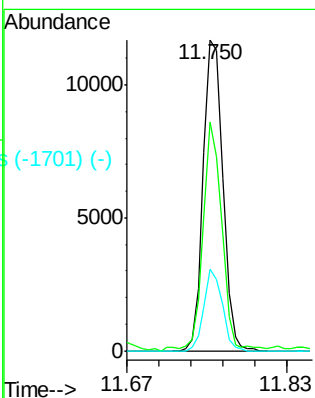
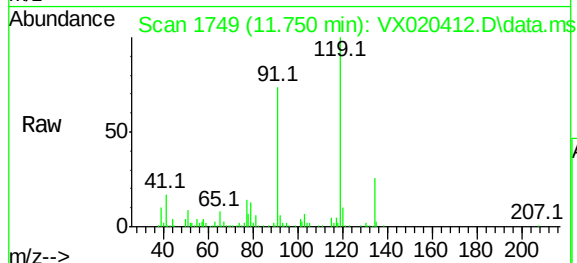




#8242 (-)
tert-Butylbenzene
Concen: 1.48 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX020412.D
Acq: 28 Dec 2020 14:46

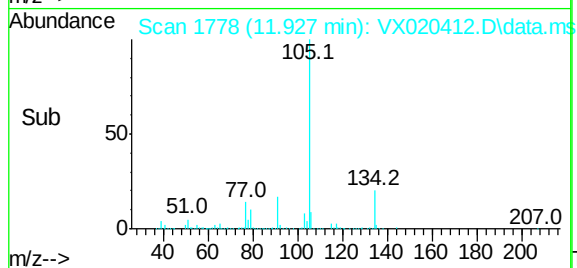
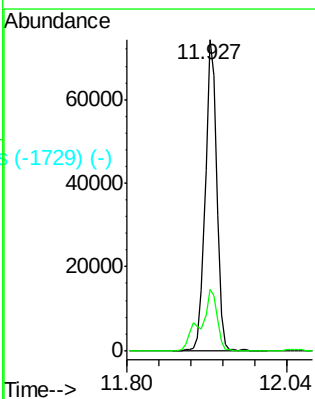
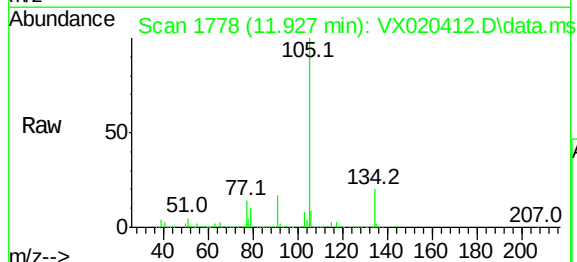
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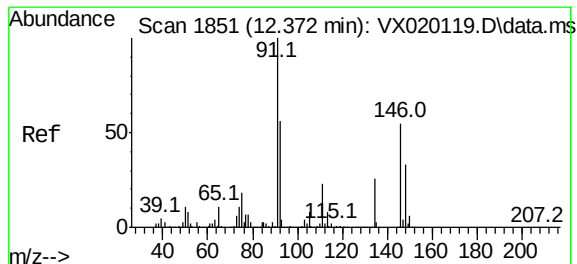
Tgt Ion:	119	Resp:	15635
Ion	Ratio	Lower	Upper
119	100		
91	70.9	27.9	83.7
134	24.4	11.3	33.9



#8272 (-)
sec-Butylbenzene
Concen: 7.32 ug/l
RT: 11.927 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VX020412.D
Acq: 28 Dec 2020 14:46

Tgt Ion:	105	Resp:	89482
Ion	Ratio	Lower	Upper
105	100		
134	28.2	10.0	29.8





#1851 (-)
 n-Butylbenzene
 Concen: 3.05 ug/l
 RT: 12.372 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: VX020412.D
 Acq: 28 Dec 2020 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 SS013-13-6512-122320

Tgt Ion:	91	Resp:	30124
Ion	Ratio	Lower	Upper
91	100		
92	37.8	27.4	82.0
134	63.2	13.2	39.5#

