

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121120\
 Data File : VX019899.D
 Acq On : 12 Dec 2020 00:45
 Operator : JC/MD
 Sample : L4987-05DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 32834DL

Quant Time: Dec 10 02:07:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : Sw846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

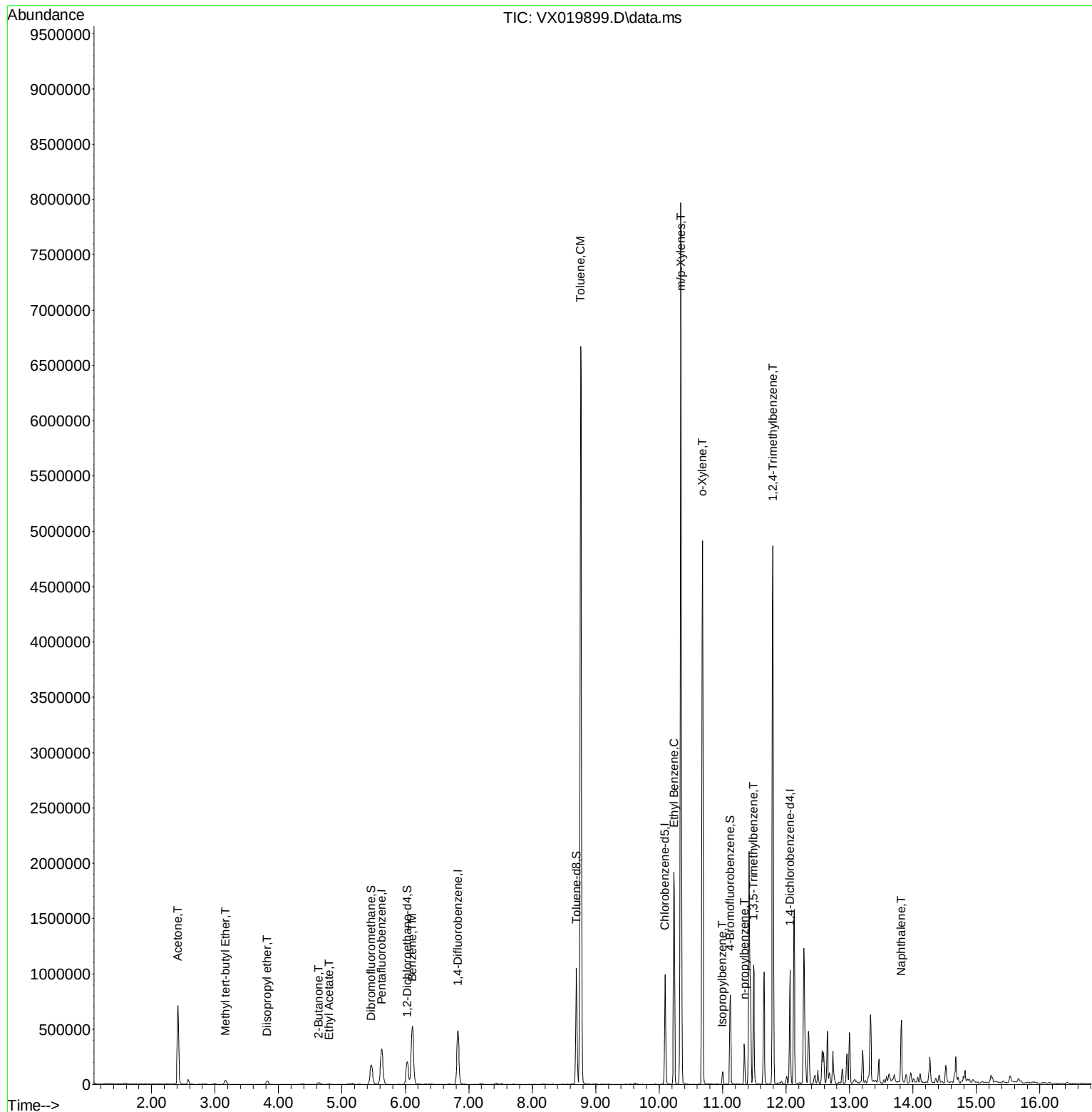
Internal Standards						
1) Pentafluorobenzene	5.629	168	306072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	511632	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	462232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	211879	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	193931	48.21	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	96.42%	
35) Dibromofluoromethane	5.464	113	157878	47.75	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	95.50%	
50) Toluene-d8	8.696	98	619705	49.09	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	98.18%	
62) 4-Bromofluorobenzene	11.122	95	223190	46.45	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	92.90%	
Target Compounds						
					Qvalue	
16) Acetone	2.416	43	721230	477.00	ug/l	99
19) Methyl tert-butyl Ether	3.166	73	43104	4.22	ug/l	100
22) Diisopropyl ether	3.824	45	33594	3.51	ug/l #	81
25) 2-Butanone	4.635	43	26310	11.32	ug/l	96
37) Ethyl Acetate	4.800	43	6038	1.29	ug/l	99
40) Benzene	6.111	78	650505	46.06	ug/l	100
52) Toluene	8.763	92	2631703	297.94	ug/l	97
67) Ethyl Benzene	10.232	91	1122221	68.65	ug/l	99
68) m/p-Xylenes	10.342	106	1844213	299.41	ug/l	99
69) o-Xylene	10.683	106	1031037	174.01	ug/l	100
73) Isopropylbenzene	11.000	105	59915	4.14	ug/l	99
78) n-propylbenzene	11.341	91	219692	13.29	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	477788	39.11	ug/l	100
84) 1,2,4-Trimethylbenzene	11.793	105	2151105	174.80	ug/l	99
95) Naphthalene	13.817	128	351775	25.15	ug/l	100

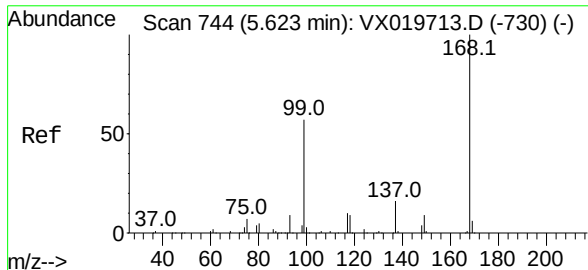
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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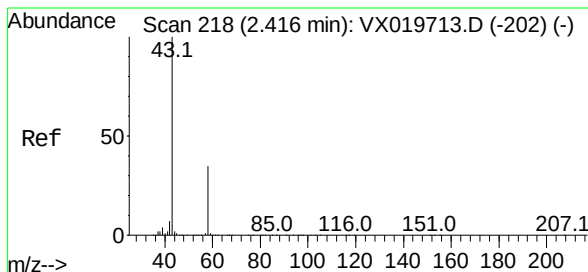
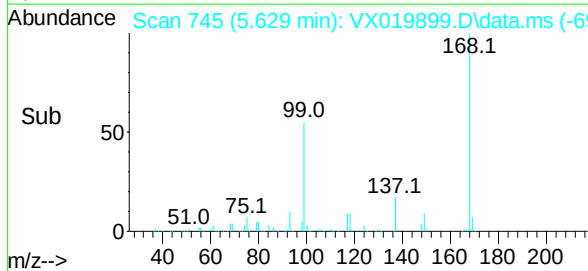
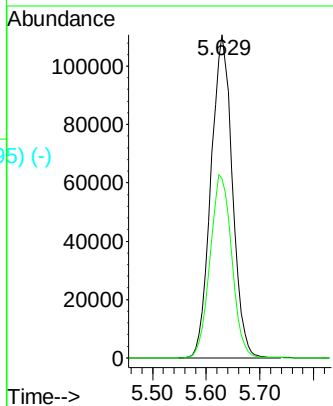
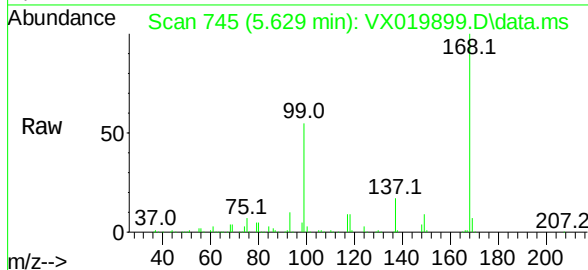




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX019899.D
Acq: 12 Dec 2020 00:45

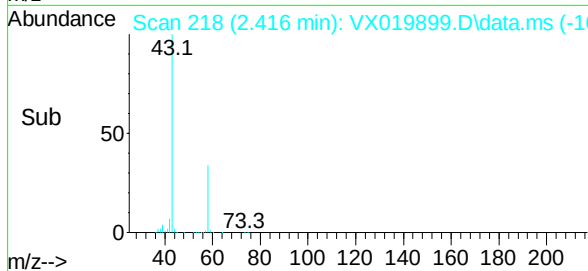
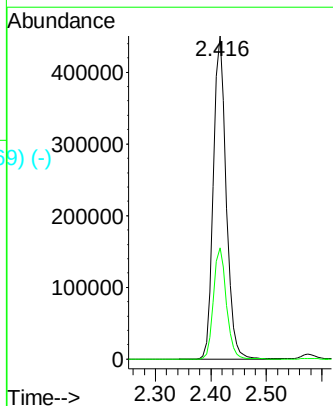
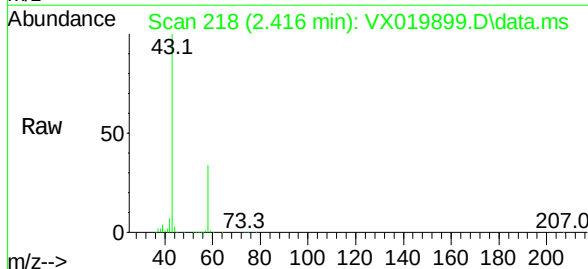
Instrument :
MSVOA_X
ClientSampleId :
32834DL

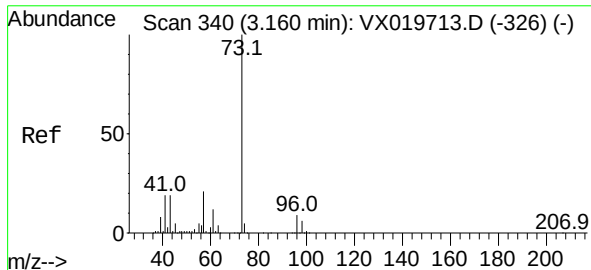
Tgt Ion:168 Resp: 306072
Ion Ratio Lower Upper
168 100
99 55.4 45.8 68.6



#16
Acetone
Concen: 477.00 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX019899.D
Acq: 12 Dec 2020 00:45

Tgt Ion: 43 Resp: 721230
Ion Ratio Lower Upper
43 100
58 34.4 27.8 41.8

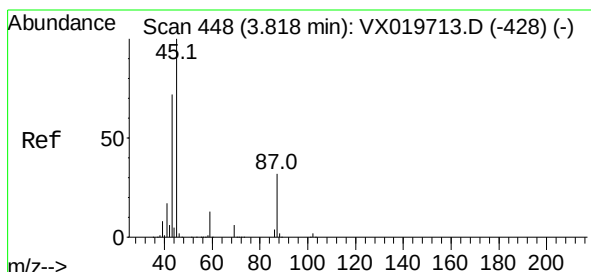
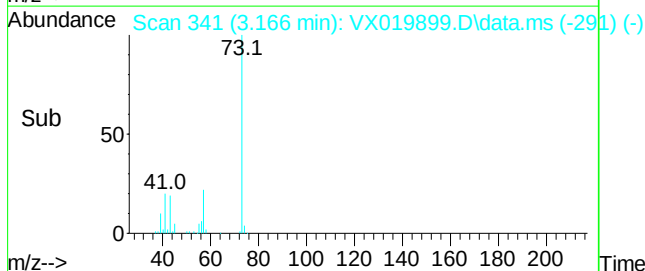
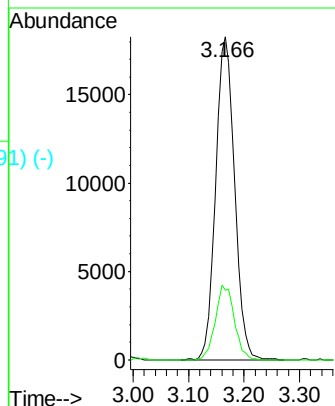
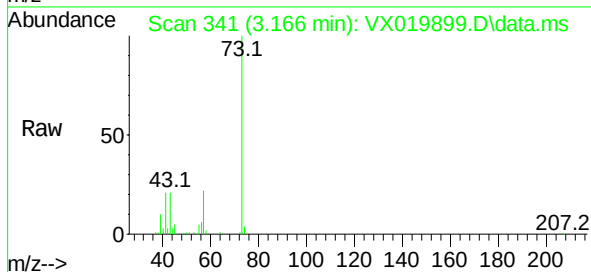




#19
Methyl tert-butyl Ether
Concen: 4.22 ug/l
RT: 3.166 min Scan# 341
Delta R.T. 0.006 min
Lab File: VX019899.D
Acq: 12 Dec 2020 00:45

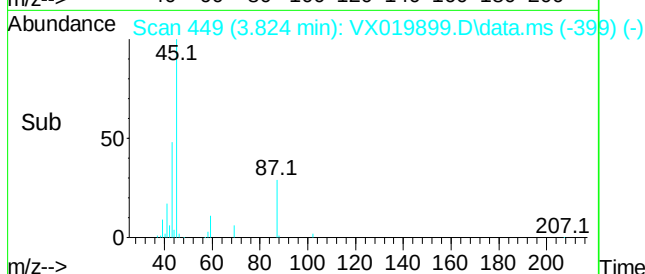
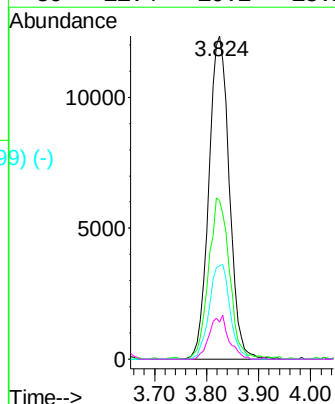
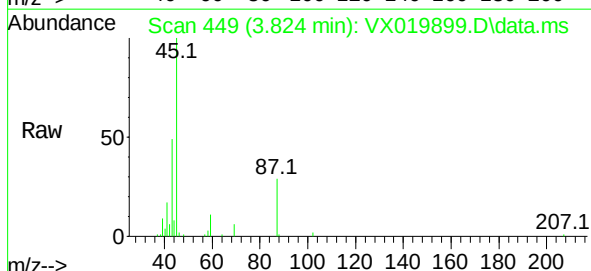
Instrument :
MSVOA_X
ClientSampleId :
32834DL

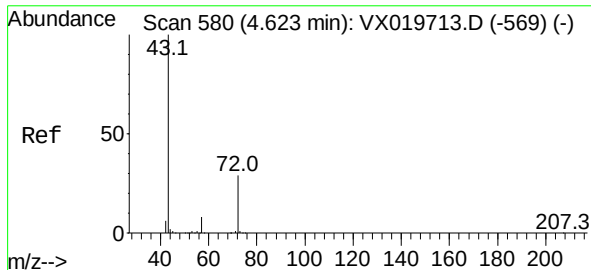
Tgt Ion: 73 Resp: 43104
Ion Ratio Lower Upper
73 100
57 21.6 17.1 25.7



#22
Diisopropyl ether
Concen: 3.51 ug/l
RT: 3.824 min Scan# 449
Delta R.T. 0.006 min
Lab File: VX019899.D
Acq: 12 Dec 2020 00:45

Tgt Ion: 45 Resp: 33594
Ion Ratio Lower Upper
45 100
43 49.1 58.0 87.0#
87 29.0 25.4 38.0
59 11.4 10.2 15.2

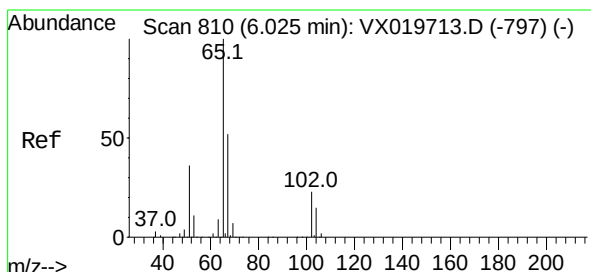
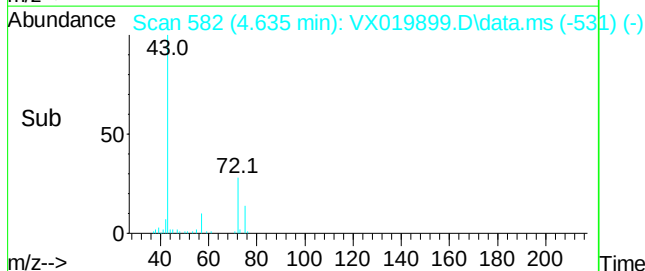
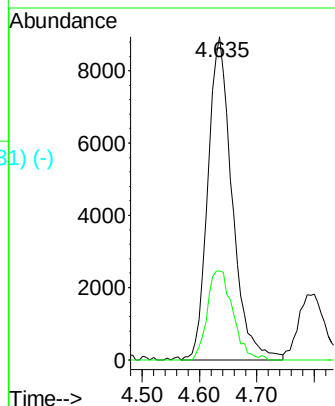
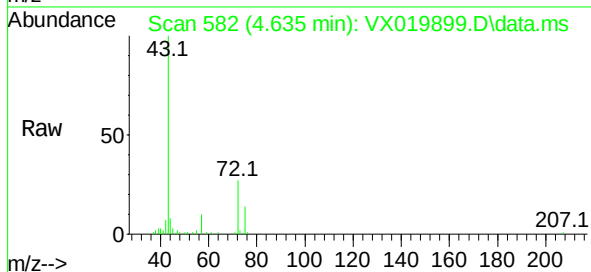




#25
2-Butanone
Concen: 11.32 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.012 min
Lab File: VX019899.D
Acq: 12 Dec 2020 00:45

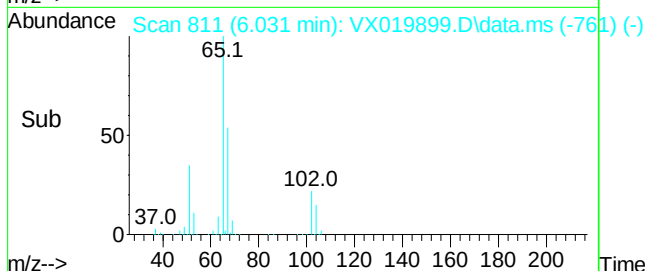
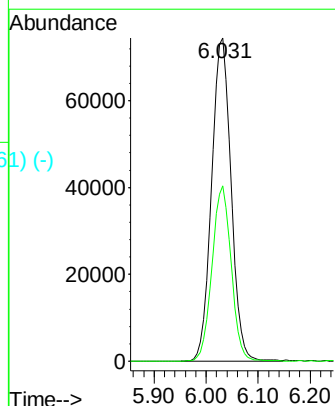
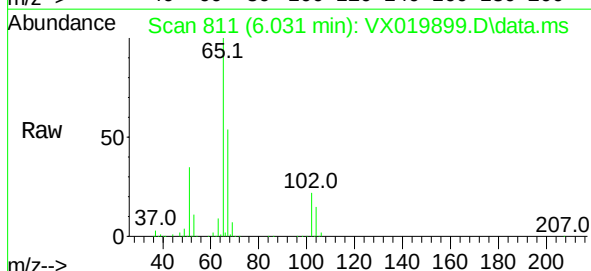
Instrument :
MSVOA_X
ClientSampleId :
32834DL

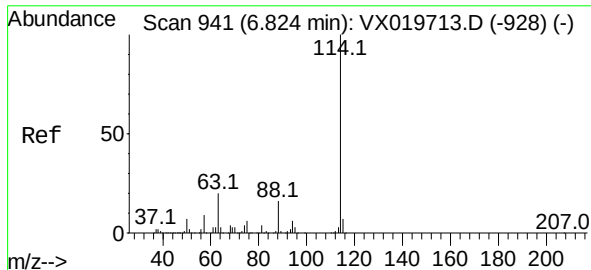
Tgt Ion: 43 Resp: 26310
Ion Ratio Lower Upper
43 100
72 27.5 23.7 35.5



#33
1,2-Dichloroethane-d4
Concen: 48.21 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX019899.D
Acq: 12 Dec 2020 00:45

Tgt Ion: 65 Resp: 193931
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.4

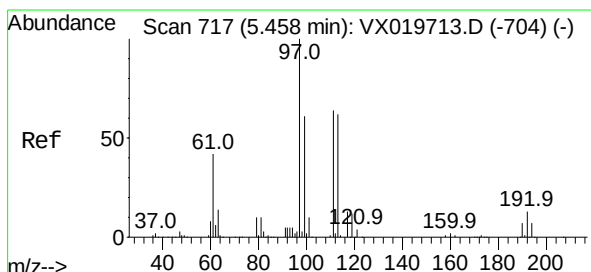
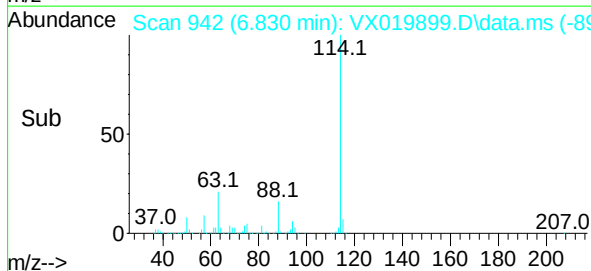
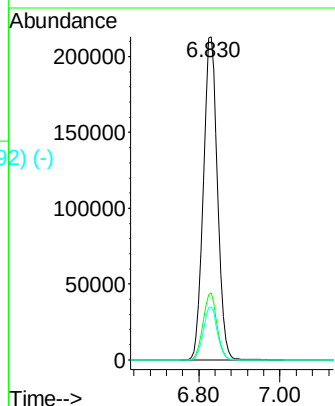
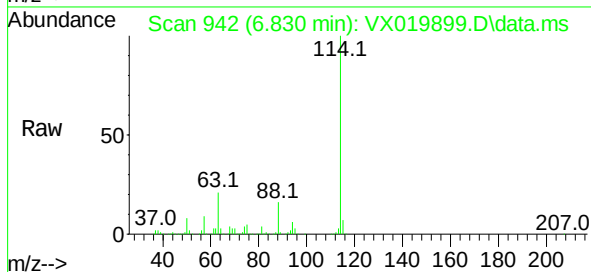




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX019899.D
Acq: 12 Dec 2020 00:45

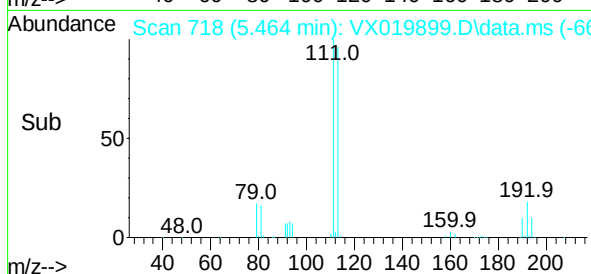
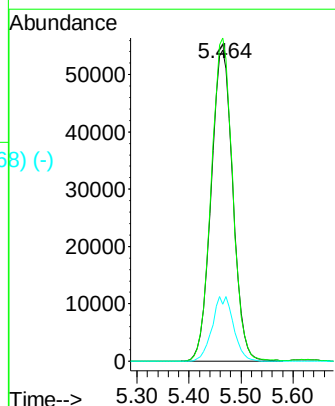
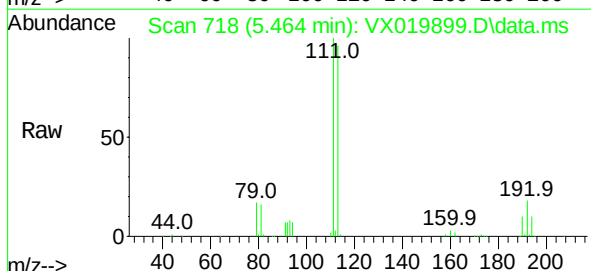
Instrument :
MSVOA_X
ClientSampleId :
32834DL

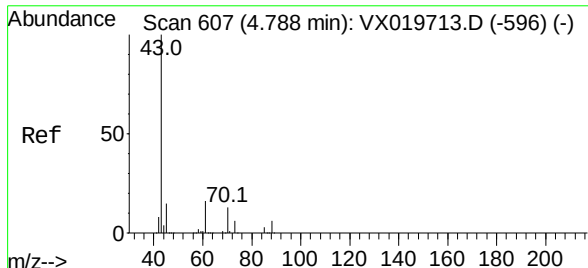
Tgt Ion:114	Resp: 511632
Ion Ratio	Lower Upper
114 100	
63 20.8	0.0 40.8
88 16.4	0.0 32.8



#35
Dibromofluoromethane
Concen: 47.75 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX019899.D
Acq: 12 Dec 2020 00:45

Tgt Ion:113	Resp: 157878
Ion Ratio	Lower Upper
113 100	
111 102.2	81.9 122.9
192 20.4	16.7 25.1





#37

Ethyl Acetate

Concen: 1.29 ug/l

RT: 4.800 min Scan# 609

Delta R.T. 0.012 min

Lab File: VX019899.D

Acq: 12 Dec 2020 00:45

Instrument :

MSVOA_X

ClientSampleId :

32834DL

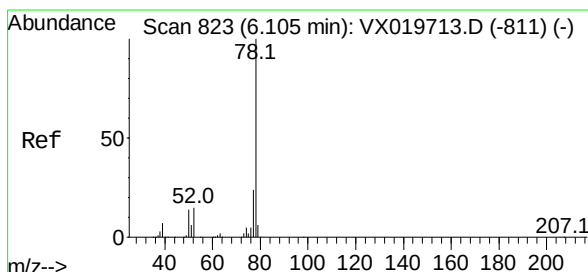
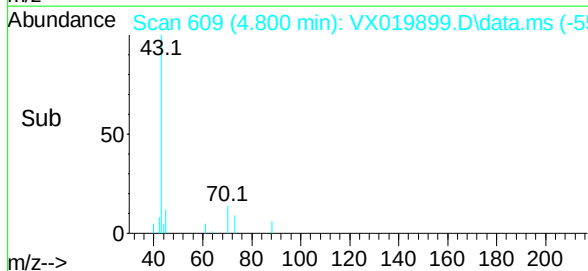
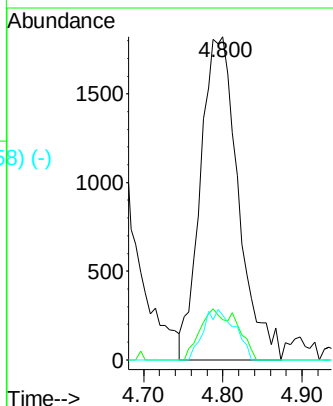
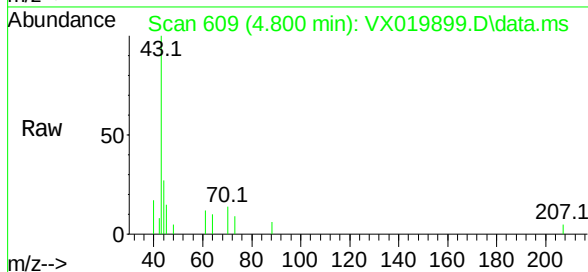
Tgt Ion: 43 Resp: 6038

Ion Ratio Lower Upper

43 100

61 15.5 12.8 19.2

70 13.0 10.5 15.7



#40

Benzene

Concen: 46.06 ug/l

RT: 6.111 min Scan# 824

Delta R.T. 0.006 min

Lab File: VX019899.D

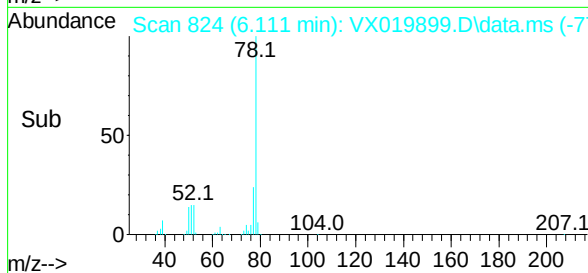
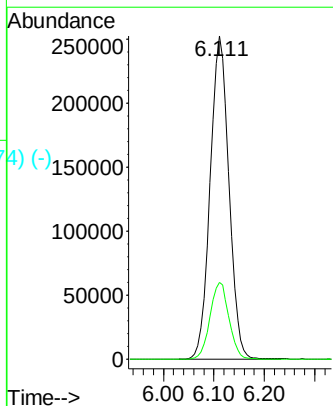
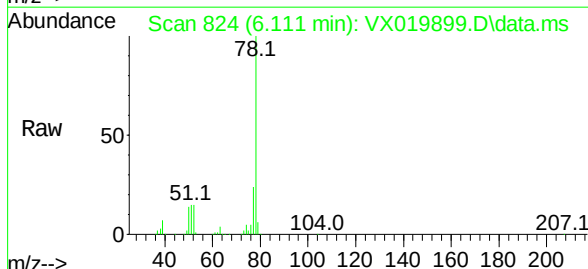
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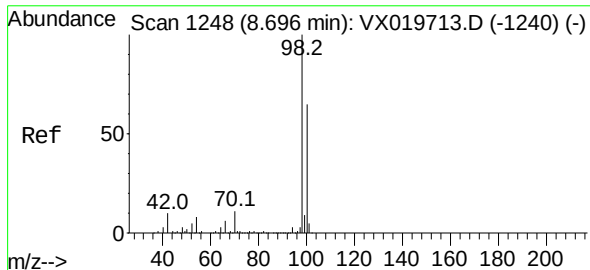
Tgt Ion: 78 Resp: 650505

Ion Ratio Lower Upper

78 100

77 23.7 18.9 28.3

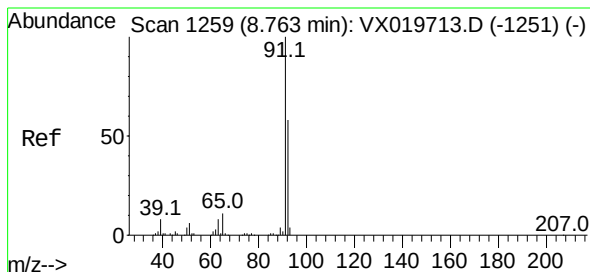
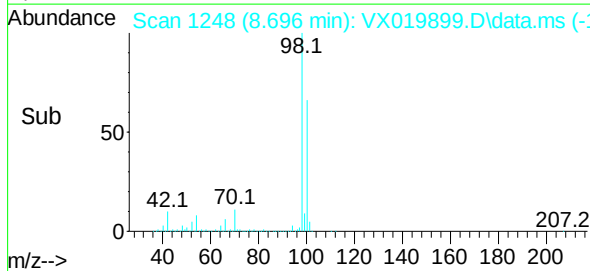
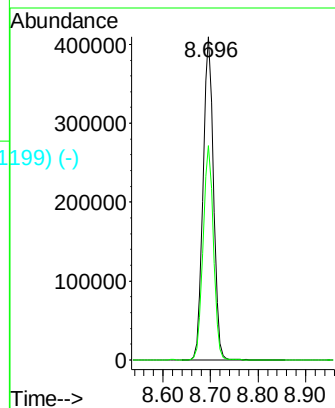
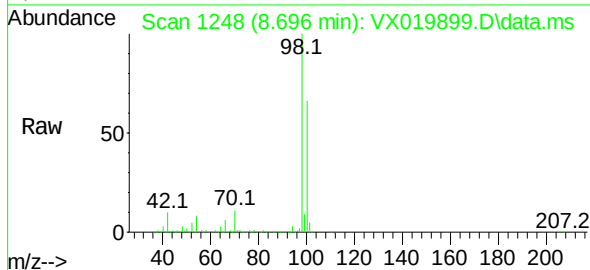




#50
Toluene-d8
Concen: 49.09 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX019899.D
Acq: 12 Dec 2020 00:45

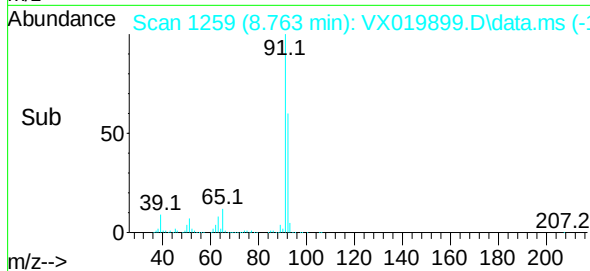
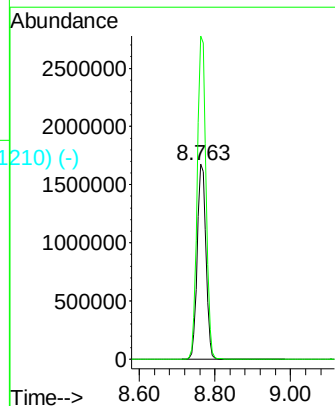
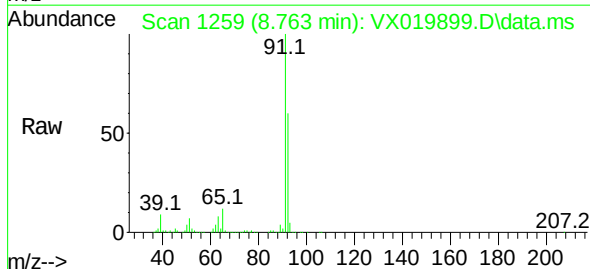
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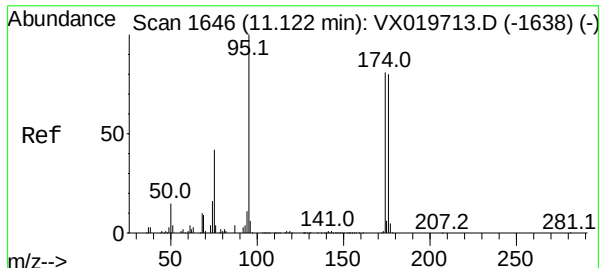
Tgt Ion: 98 Resp: 619705
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



#52
Toluene
Concen: 297.94 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VX019899.D
Acq: 12 Dec 2020 00:45

Tgt Ion: 92 Resp: 2631703
Ion Ratio Lower Upper
92 100
91 167.2 137.1 205.7

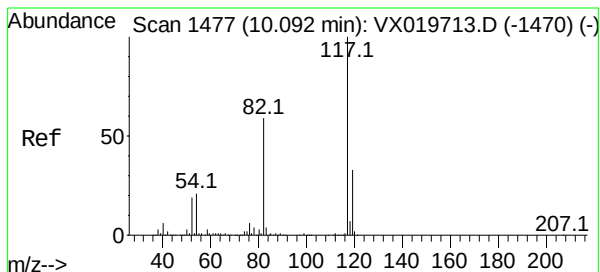
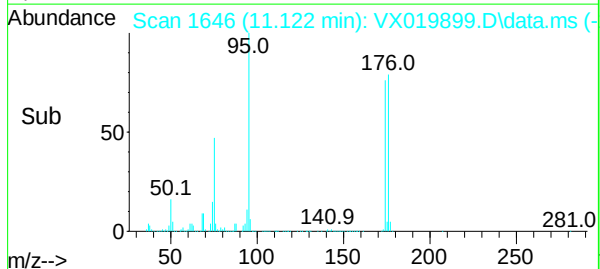
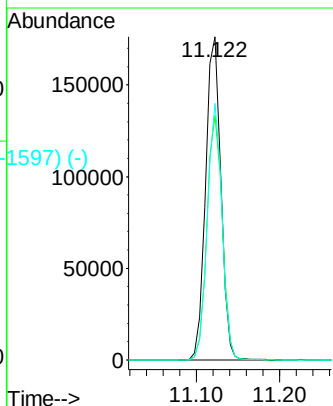
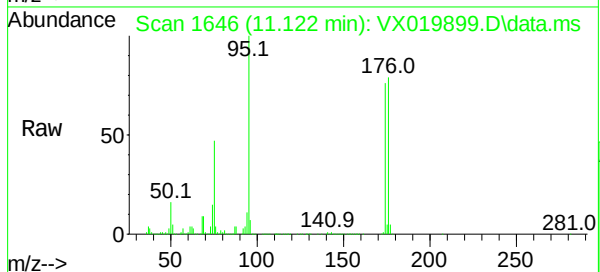




#62
4-Bromofluorobenzene
Concen: 46.45 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX019899.D
Acq: 12 Dec 2020 00:45

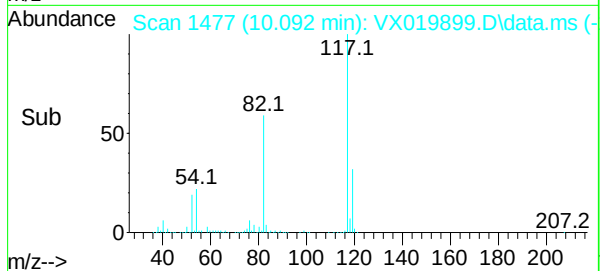
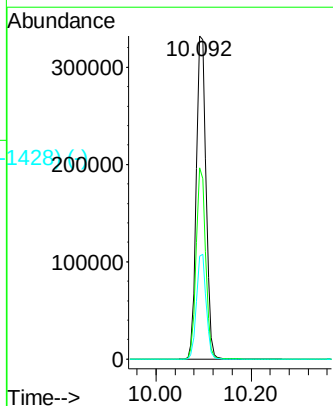
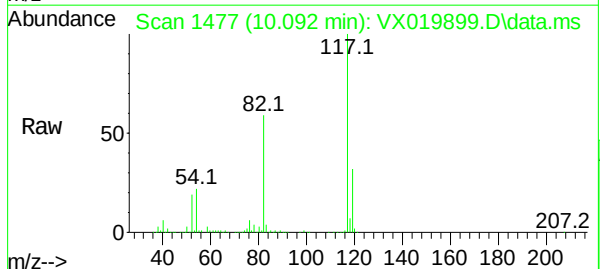
Instrument :
MSVOA_X
ClientSampleId :
32834DL

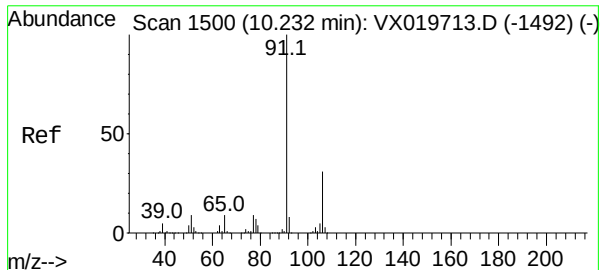
Tgt Ion:	95	Resp:	223190
Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	154.6
176	76.1	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX019899.D
Acq: 12 Dec 2020 00:45

Tgt Ion:	117	Resp:	462232
Ion	Ratio	Lower	Upper
117	100		
82	59.1	47.4	71.2
119	32.0	26.6	39.8

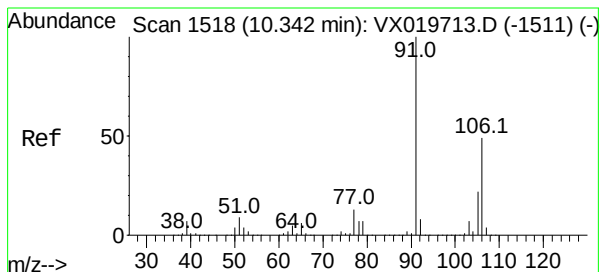
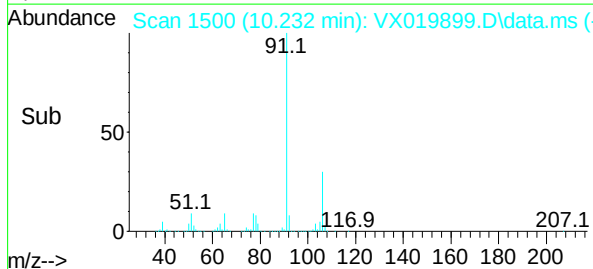
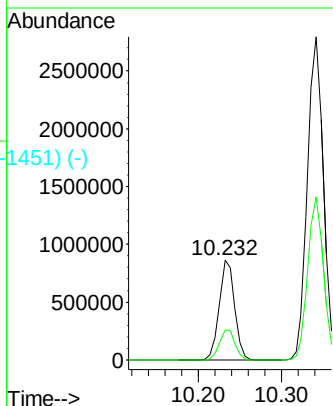
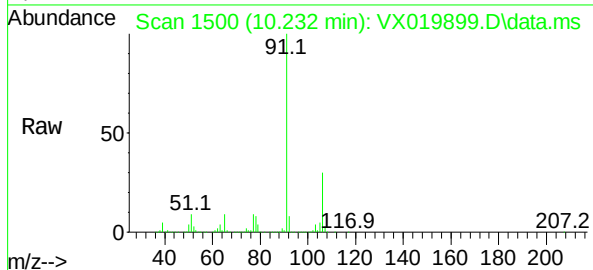




#67
Ethyl Benzene
Concen: 68.65 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX019899.D
Acq: 12 Dec 2020 00:45

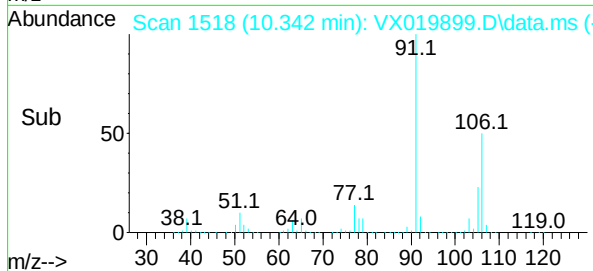
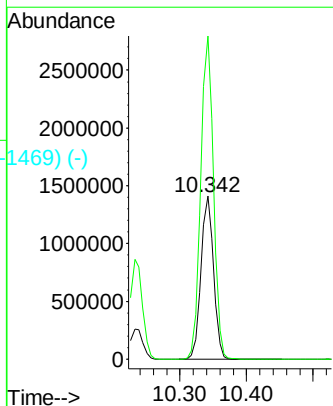
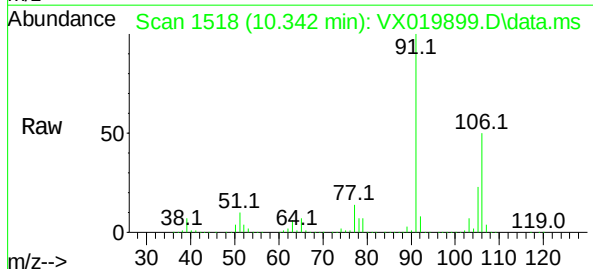
Instrument :
MSVOA_X
ClientSampleId :
32834DL

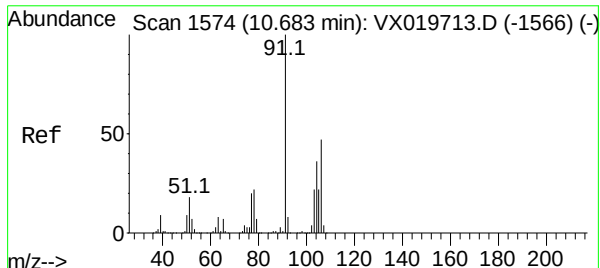
Tgt Ion: 91 Resp: 1122221
Ion Ratio Lower Upper
91 100
106 30.1 24.6 37.0



#68
m/p-Xylenes
Concen: 299.41 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VX019899.D
Acq: 12 Dec 2020 00:45

Tgt Ion:106 Resp: 1844213
Ion Ratio Lower Upper
106 100
91 201.9 162.8 244.2

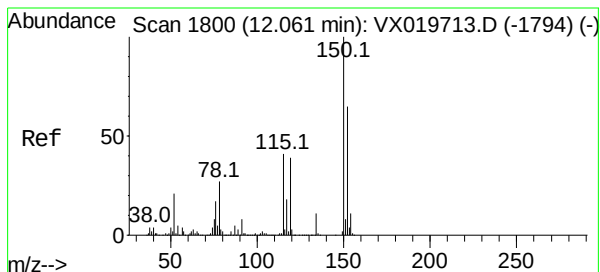
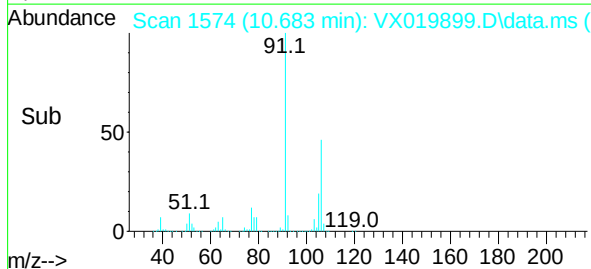
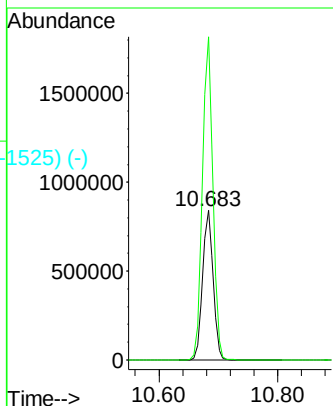
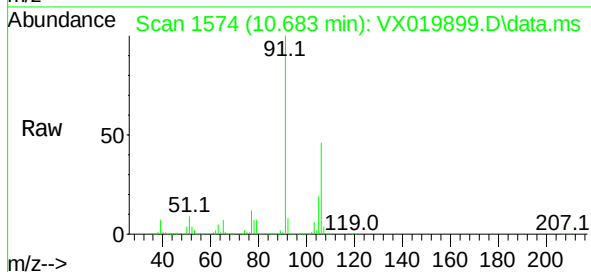




#69
o-Xylene
Concen: 174.01 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VX019899.D
Acq: 12 Dec 2020 00:45

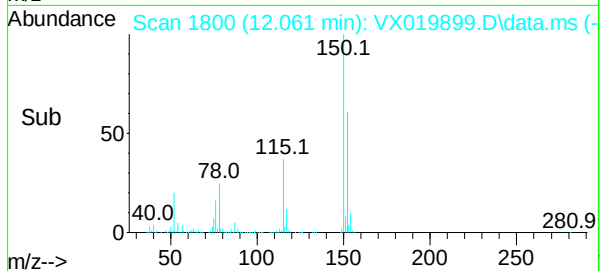
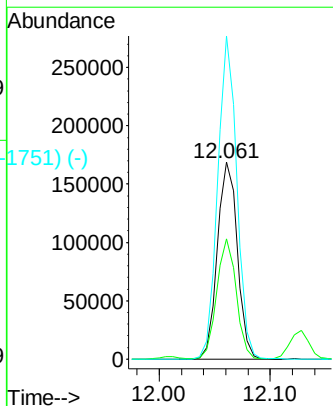
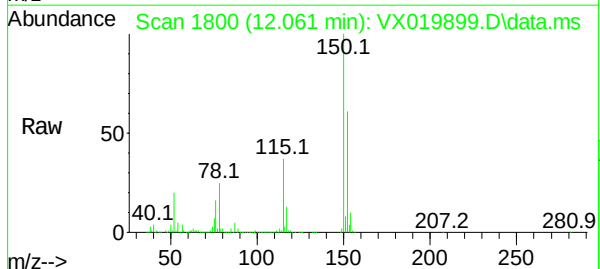
Instrument :
MSVOA_X
ClientSampleId :
32834DL

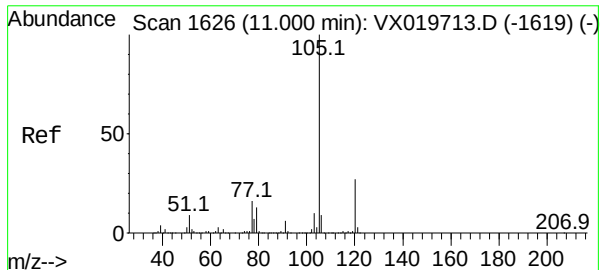
Tgt Ion:106 Resp: 1031037
Ion Ratio Lower Upper
106 100
91 215.4 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX019899.D
Acq: 12 Dec 2020 00:45

Tgt Ion:152 Resp: 211879
Ion Ratio Lower Upper
152 100
115 59.3 41.1 123.3
150 157.0 0.0 349.0





#73

Isopropylbenzene

Concen: 4.14 ug/l

RT: 11.000 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VX019899.D

Acq: 12 Dec 2020 00:45

Instrument :

MSVOA_X

ClientSampleId :

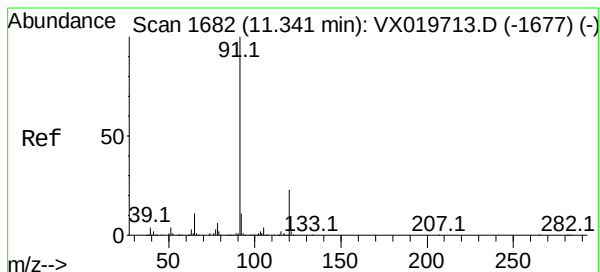
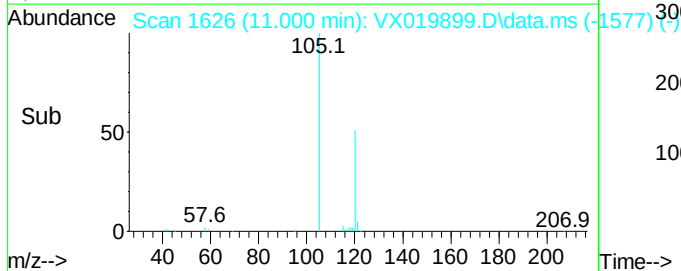
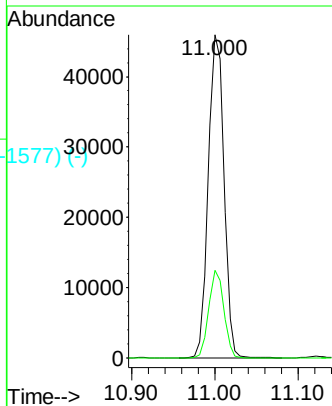
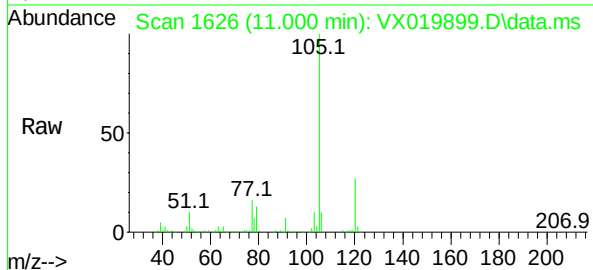
32834DL

Tgt Ion:105 Resp: 59915

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6



#78

n-propylbenzene

Concen: 13.29 ug/l

RT: 11.341 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VX019899.D

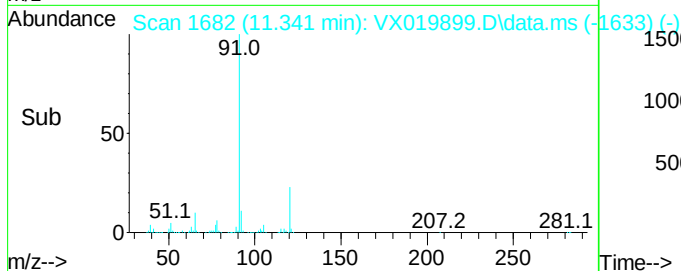
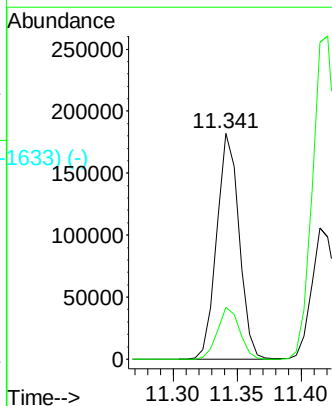
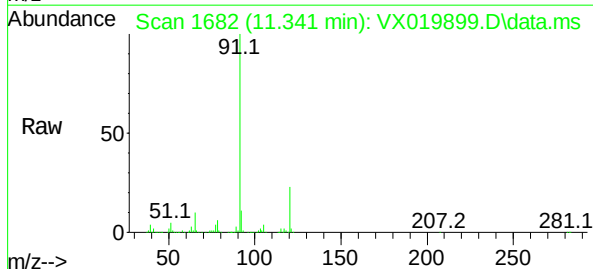
Acq: 12 Dec 2020 00:45

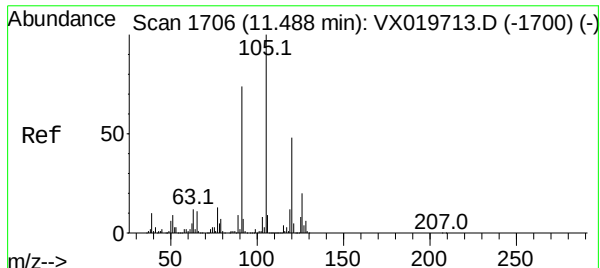
Tgt Ion: 91 Resp: 219692

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.5

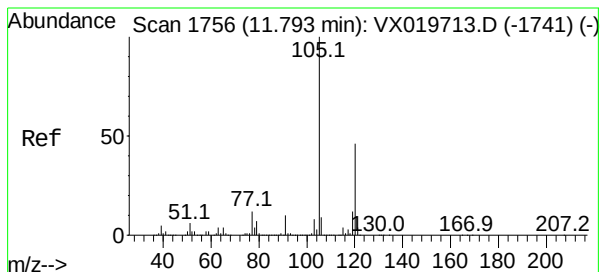
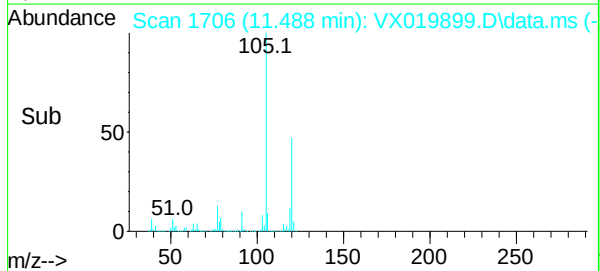
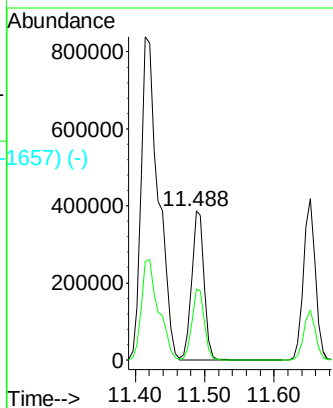
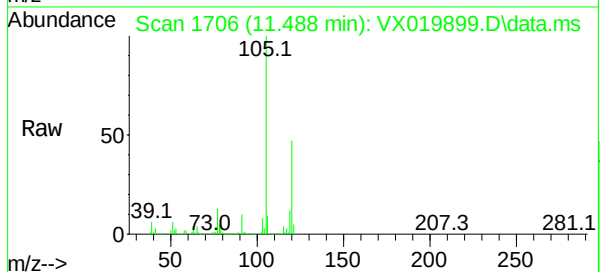




#80
1,3,5-Trimethylbenzene
Concen: 39.11 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VX019899.D
Acq: 12 Dec 2020 00:45

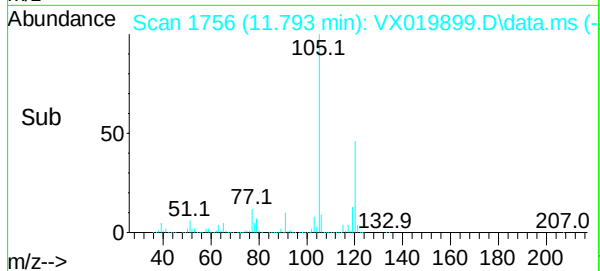
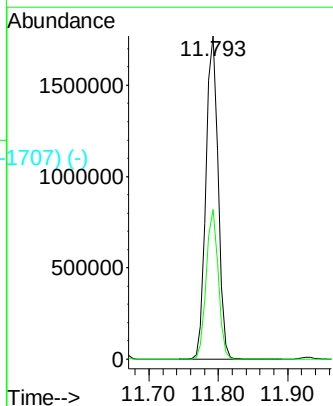
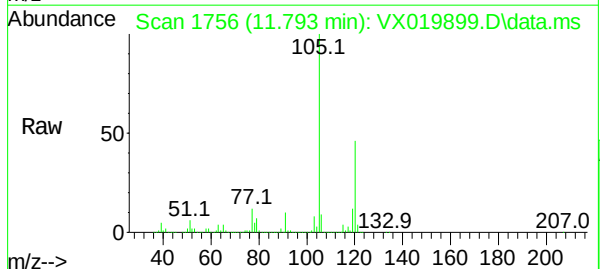
Instrument :
MSVOA_X
ClientSampleId :
32834DL

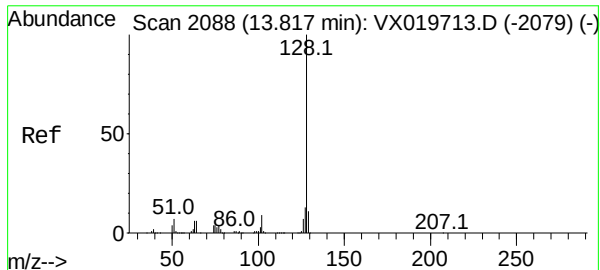
Tgt Ion:105 Resp: 477788
Ion Ratio Lower Upper
105 100
120 47.6 23.8 71.5



#84
1,2,4-Trimethylbenzene
Concen: 174.80 ug/l
RT: 11.793 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VX019899.D
Acq: 12 Dec 2020 00:45

Tgt Ion:105 Resp: 2151105
Ion Ratio Lower Upper
105 100
120 45.5 22.4 67.3





#95
Naphthalene
Concen: 25.15 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX019899.D
Acq: 12 Dec 2020 00:45

Instrument :
MSVOA_X
ClientSampleId :
32834DL

Tgt Ion:	128	Resp:	351775
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.8	8.8	13.2

