

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
 Data File : VX013740.D
 Acq On : 03 Dec 2019 21:14
 Operator : JC/SP
 Sample : K6084-07 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30739

Quant Time: Dec 04 04:07:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	739096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1120902	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1001108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	497871	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	396095	46.17	ug/l	0.00
Spiked Amount			Recovery	=	92.34%	
35) Dibromofluoromethane	5.49	113	342765	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
50) Toluene-d8	8.71	98	1329034	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
62) 4-Bromofluorobenzene	11.14	95	474447	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	

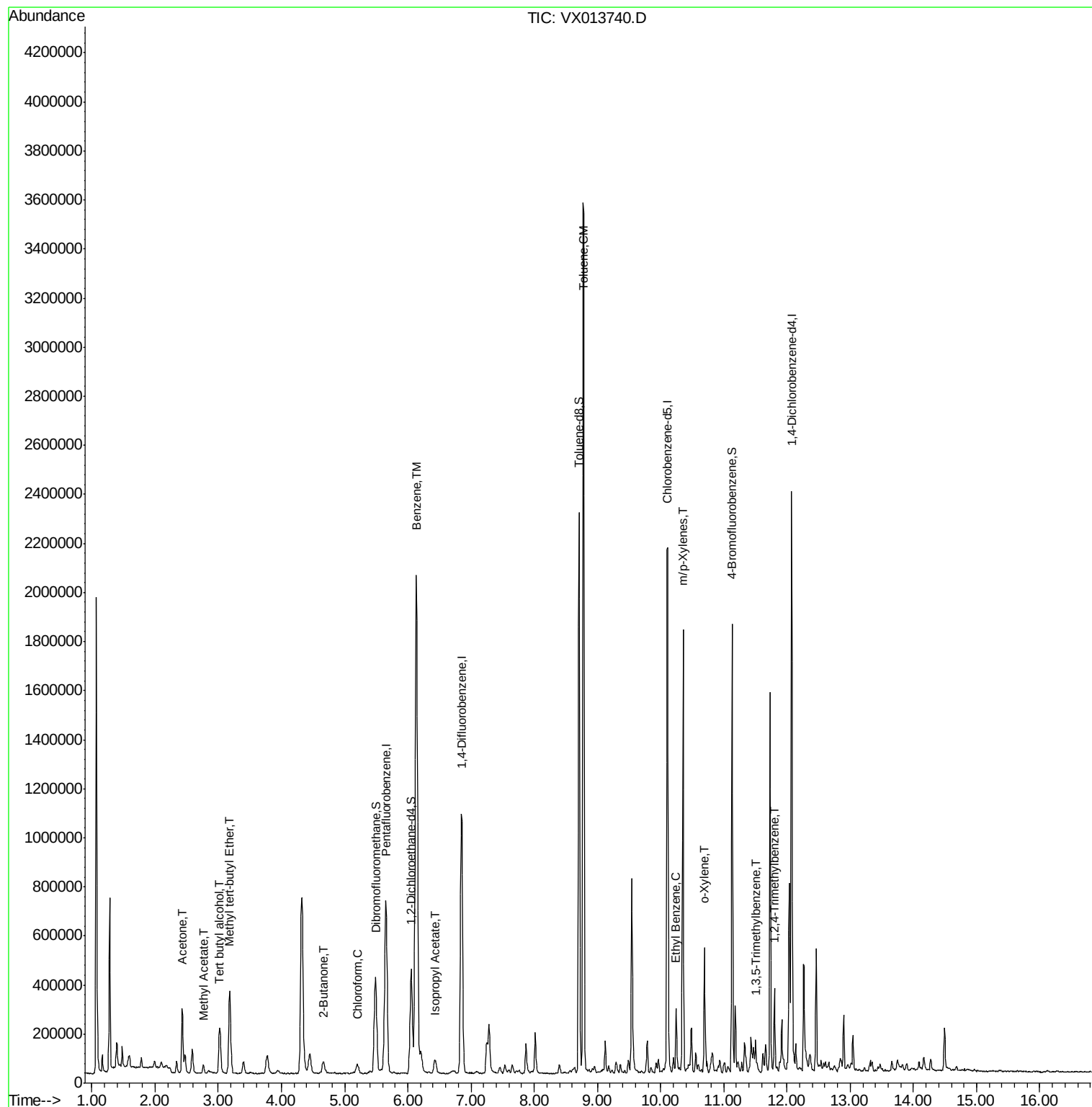
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.02	59	224336	105.937	ug/l	99
16) Acetone	2.43	43	270981	63.976	ug/l	100
18) Methyl Acetate	2.76	43	39686	3.365	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	383939	16.477	ug/l	98
25) 2-Butanone	4.67	43	92932	14.763	ug/l	99
30) Chloroform	5.20	83	46044	3.379	ug/l	97
40) Benzene	6.14	78	2472680	79.791	ug/l	99
43) Isopropyl Acetate	6.43	43	27766	1.478	ug/l #	88
52) Toluene	8.78	92	1367002	71.006	ug/l	100
67) Ethyl Benzene	10.25	91	150139	4.204	ug/l	100
68) m/p-Xylenes	10.36	106	425312	31.103	ug/l	99
69) o-Xylene	10.70	106	110345	8.274	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	53908	1.883	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	144864	4.987	ug/l	99

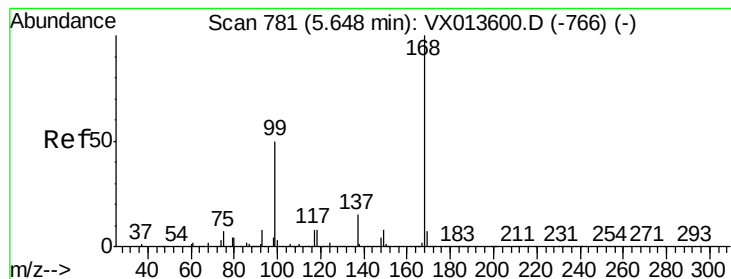
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013740.D

Acq: 03 Dec 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

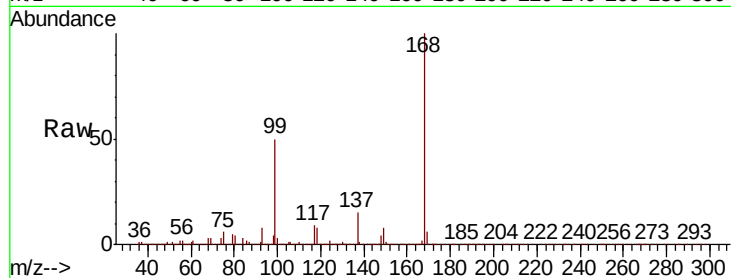
30739

Tot Ion:168 Resp: 739096

Ion Ratio Lower Upper

168 100

99 50.1 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

300000

250000

200000

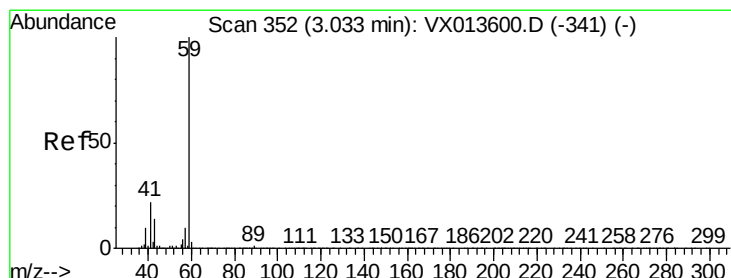
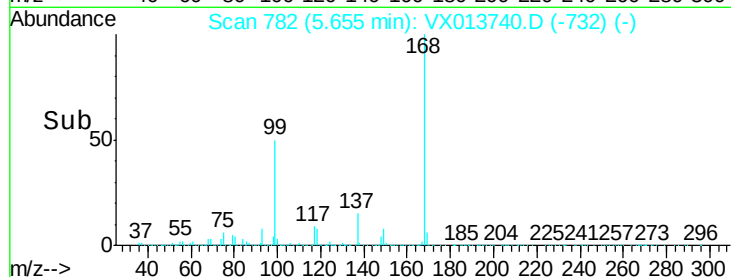
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 105.937 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX013740.D

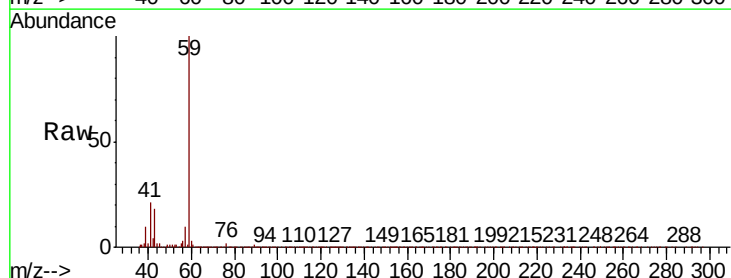
Acq: 03 Dec 2019 21:14

Tgt Ion: 59 Resp: 224336

Ion Ratio Lower Upper

59 100

57 10.2 7.8 11.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

120000

100000

80000

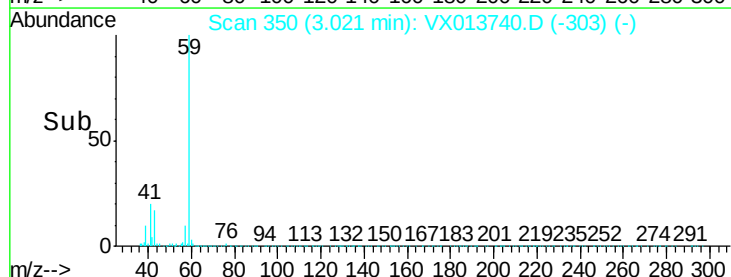
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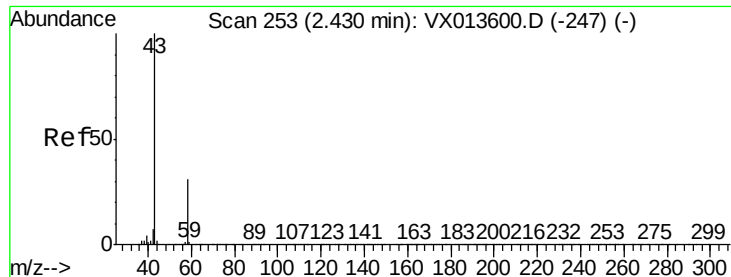
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20000

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Time-->

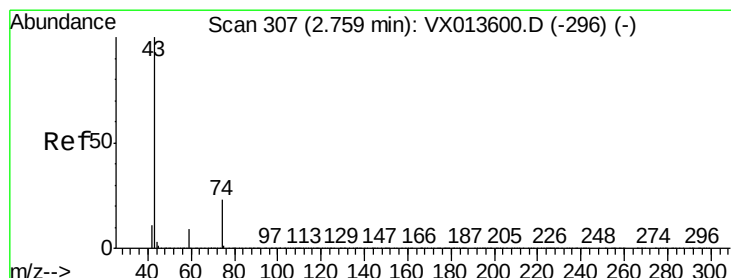
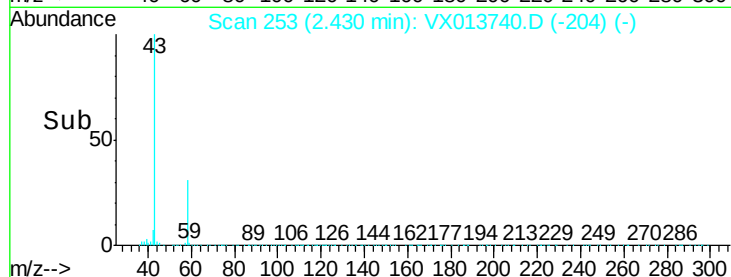
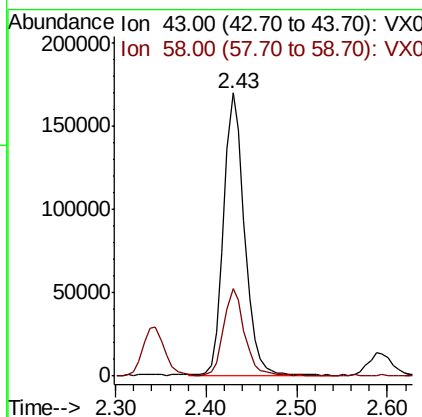
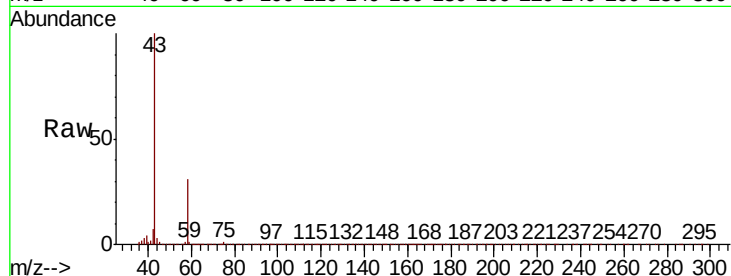




#16
Acetone
Concen: 63.976 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

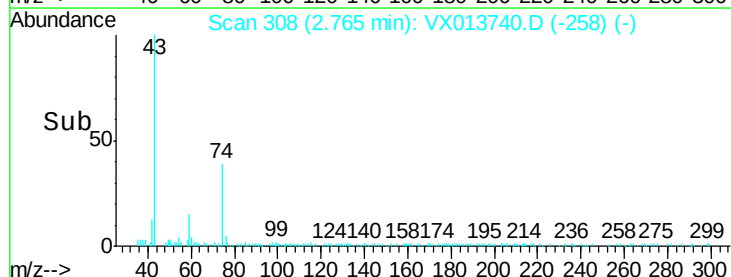
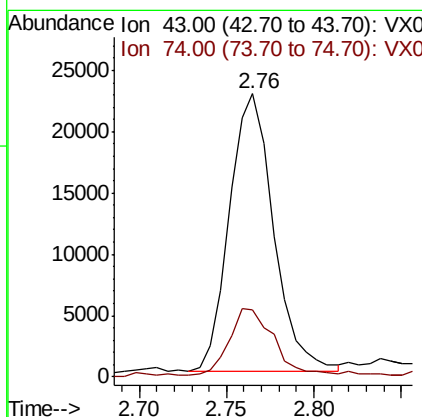
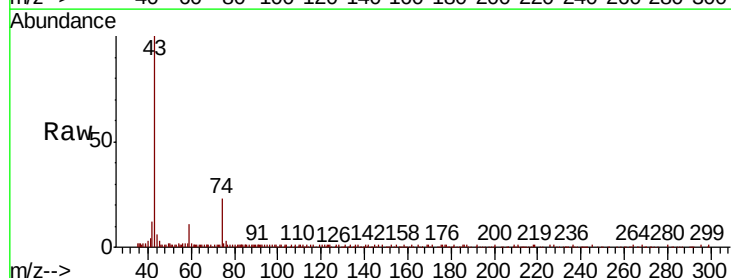
Instrument :
MSVOA_X
ClientSampleId :
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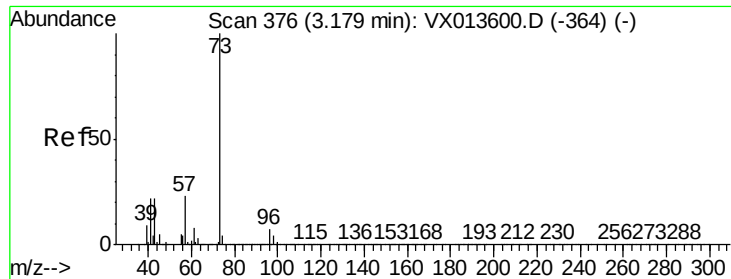
Tot Ion: 43 Resp: 270981
Ion Ratio Lower Upper
43 100
58 30.6 24.6 36.8



#18
Methyl Acetate
Concen: 3.365 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

Tgt Ion: 43 Resp: 39686
Ion Ratio Lower Upper
43 100
74 23.9 19.5 29.3

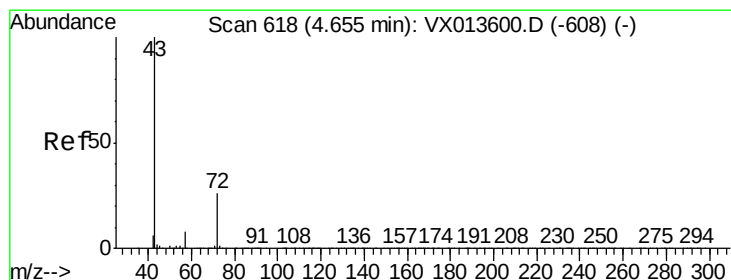
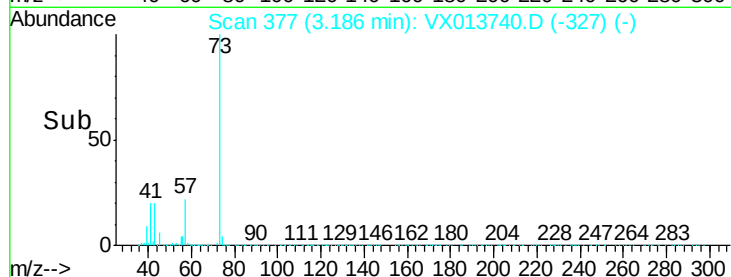
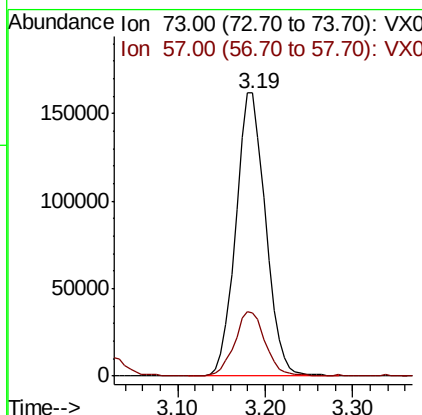
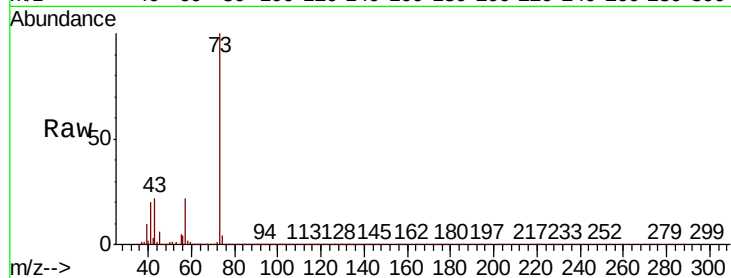




#19
Methyl tert-butyl Ether
Concen: 16.477 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

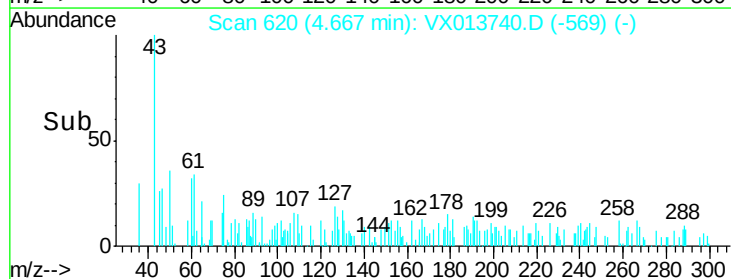
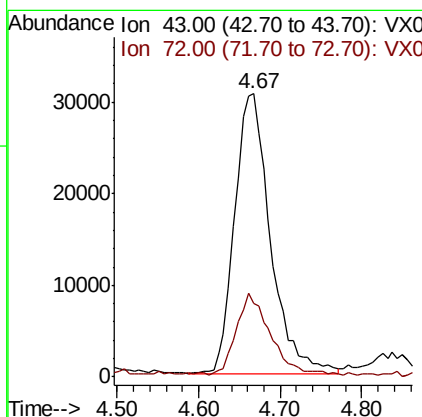
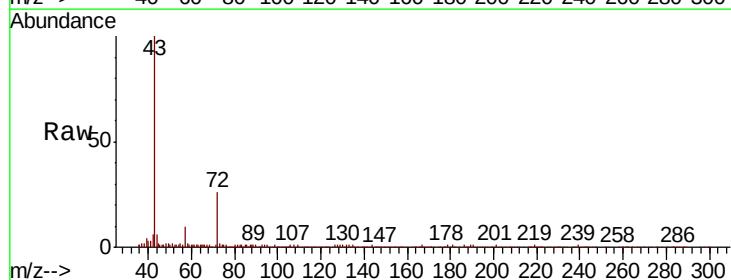
Instrument :
MSVOA_X
ClientSampleId :
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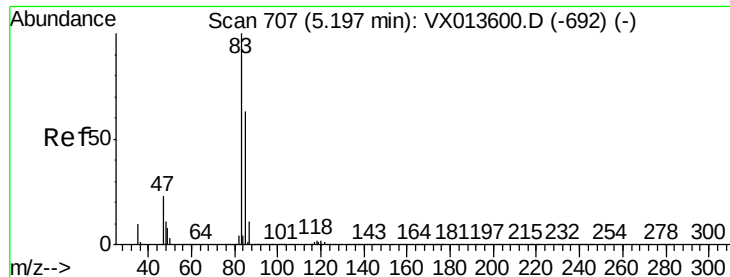
Tot Ion: 73 Resp: 383939
Ion Ratio Lower Upper
73 100
57 22.1 18.3 27.5



#25
2-Butanone
Concen: 14.763 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

Tgt Ion: 43 Resp: 92932
Ion Ratio Lower Upper
43 100
72 25.1 20.6 31.0

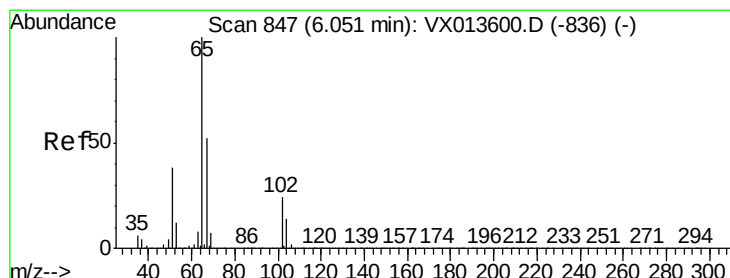
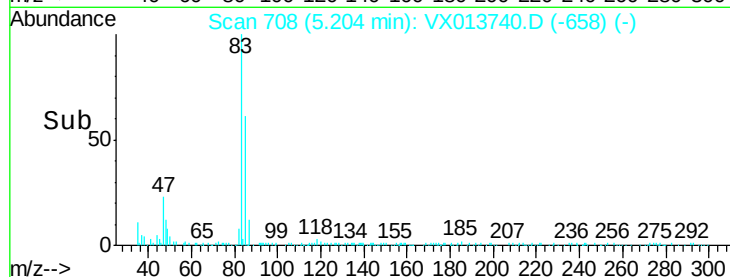
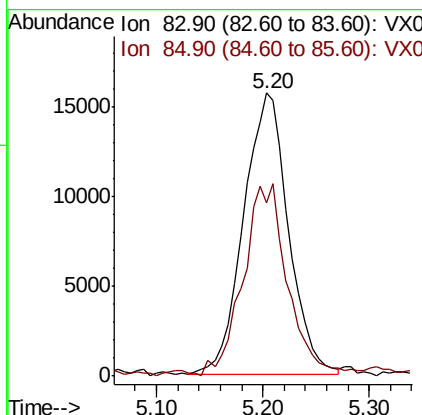
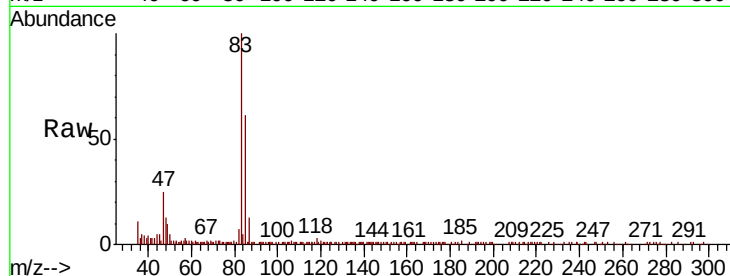




#30
Chloroform
Concen: 3.379 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

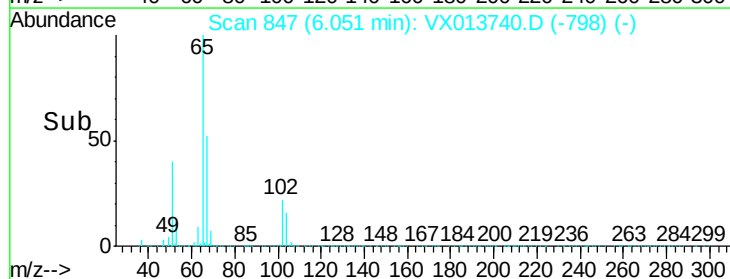
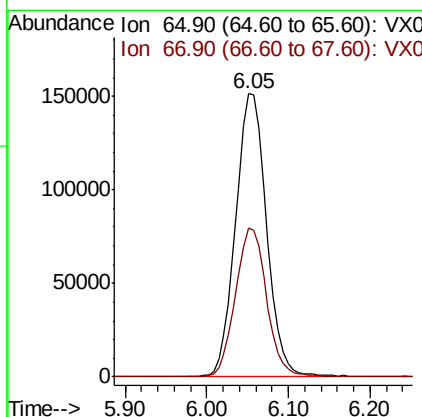
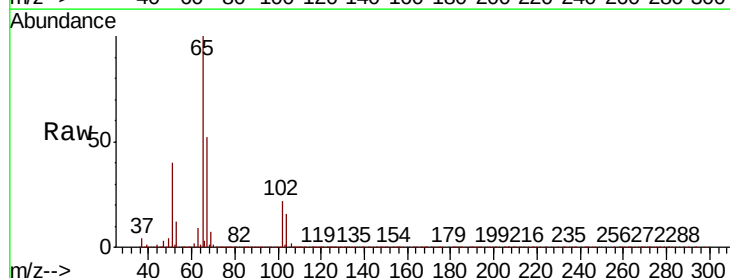
Instrument :
MSVOA_X
ClientSampleId :
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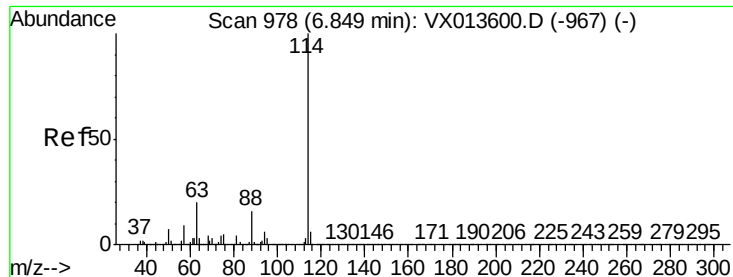
Tot Ion: 83 Resp: 46044
Ion Ratio Lower Upper
83 100
85 60.6 50.2 75.4



#33
1,2-Dichloroethane-d4
Concen: 46.169 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

Tgt Ion: 65 Resp: 396095
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.4

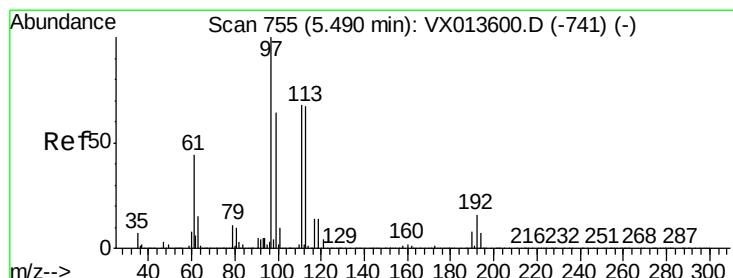
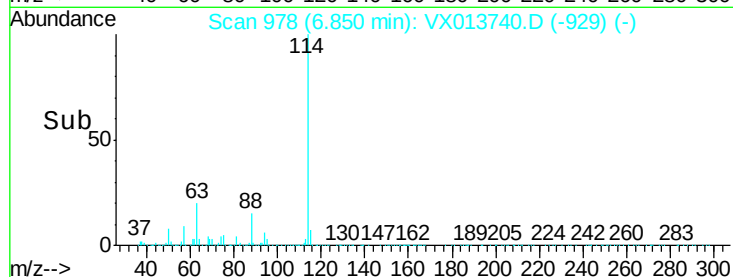
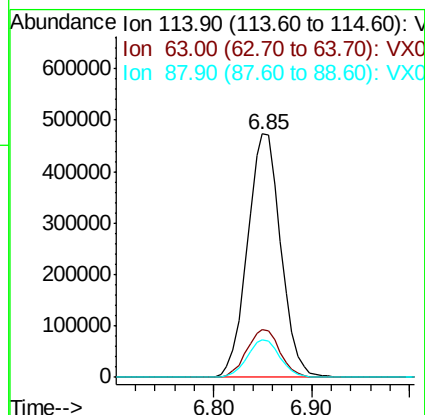
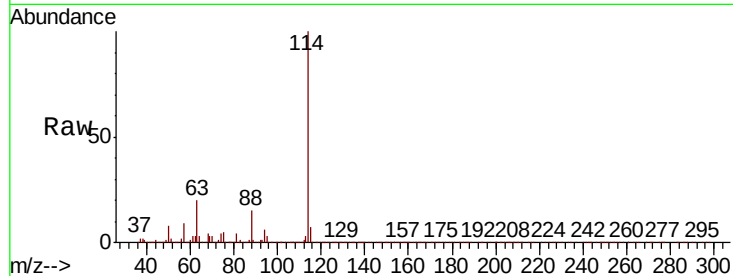




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

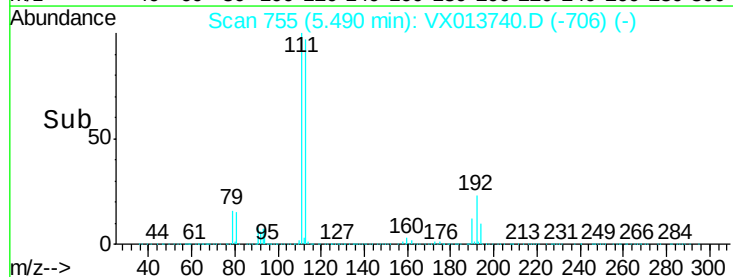
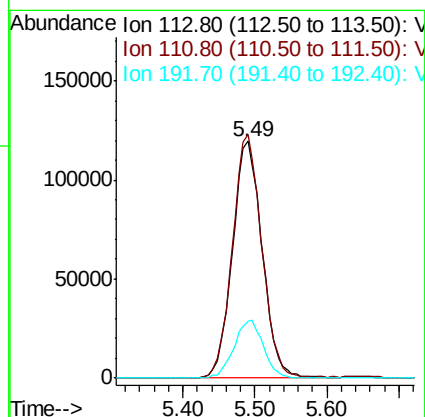
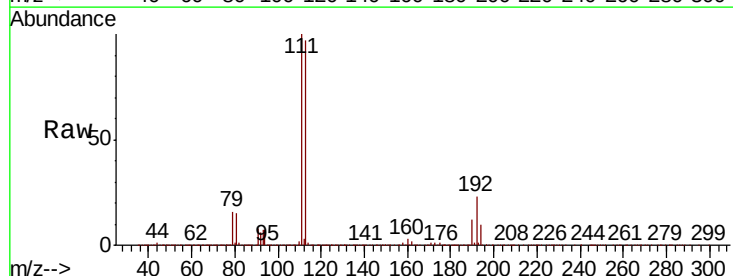
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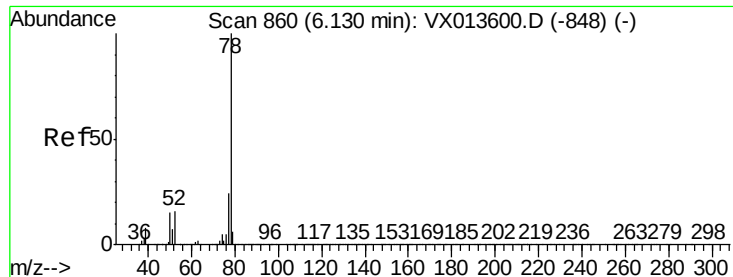
Tot Ion:114 Resp: 1120902
Ion Ratio Lower Upper
114 100
63 19.5 0.0 39.6
88 15.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 49.464 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

Tgt Ion:113 Resp: 342765
Ion Ratio Lower Upper
113 100
111 100.9 83.6 125.4
192 23.9 19.2 28.8





#40

Benzene

Concen: 79.791 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX013740.D

Acq: 03 Dec 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

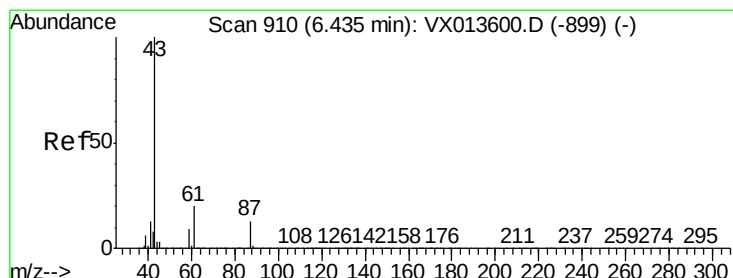
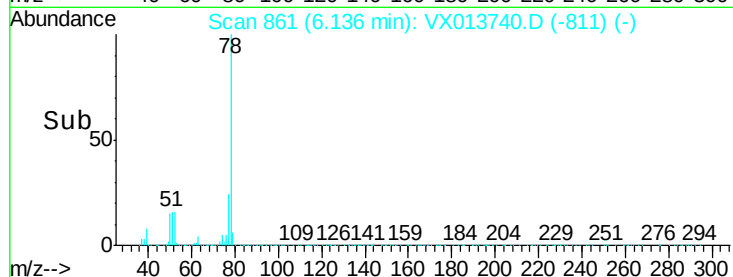
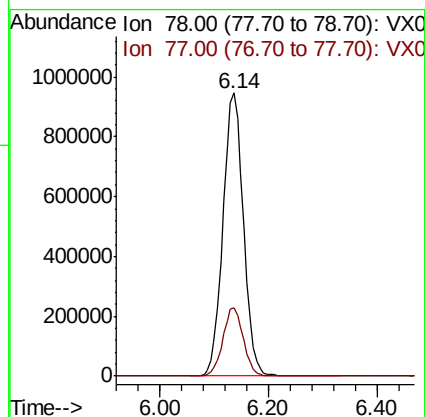
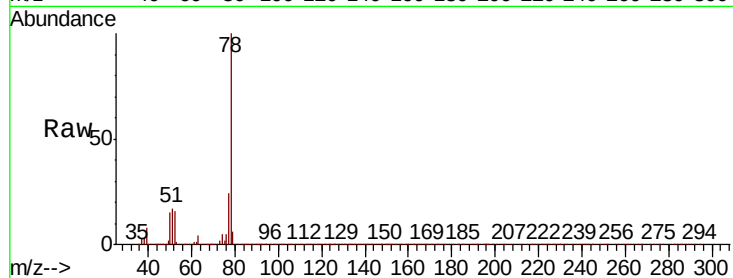
30739

Tot Ion: 78 Resp: 2472680

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.4



#43

Isopropyl Acetate

Concen: 1.478 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013740.D

Acq: 03 Dec 2019 21:14

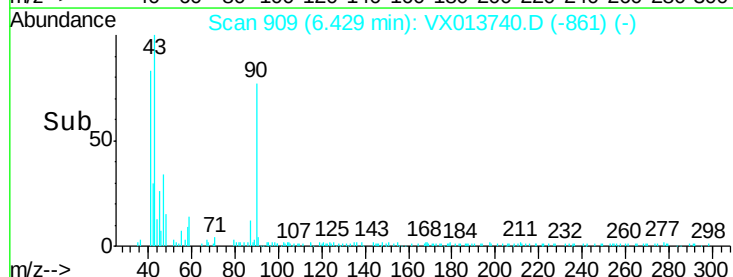
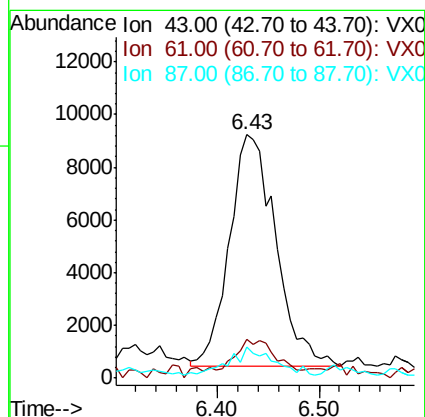
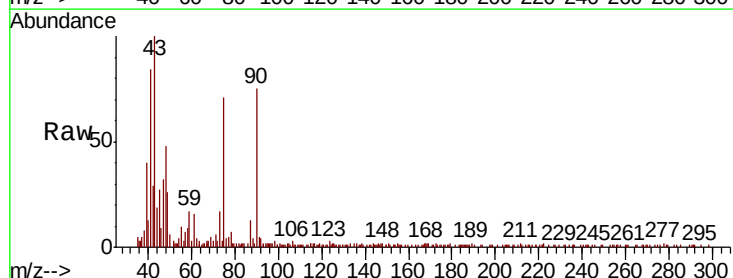
Tgt Ion: 43 Resp: 27766

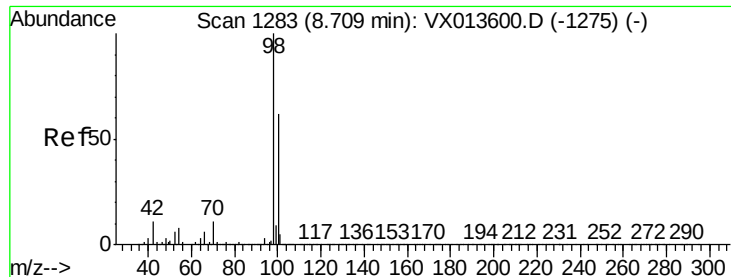
Ion Ratio Lower Upper

43 100

61 13.6 16.3 24.5#

87 10.6 10.8 16.2#

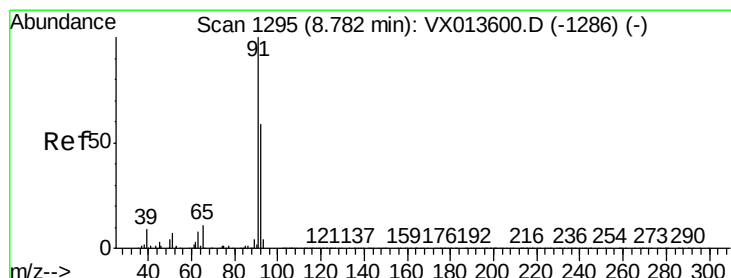
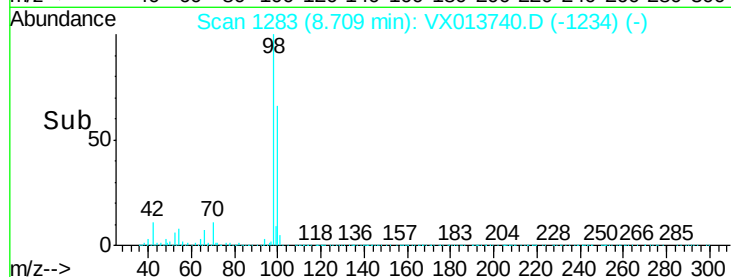
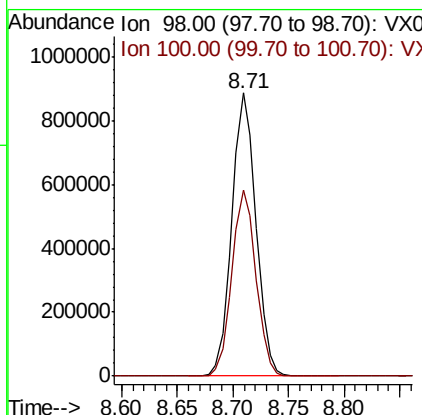
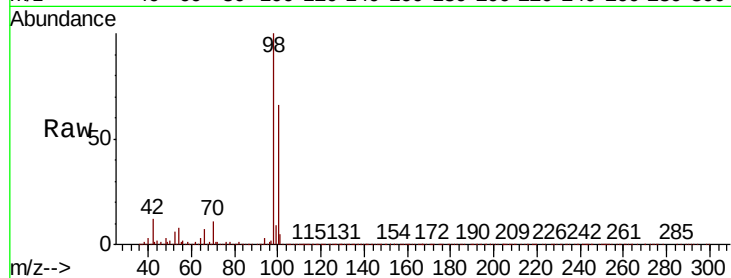




#50
Toluene-d8
Concen: 49.226 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

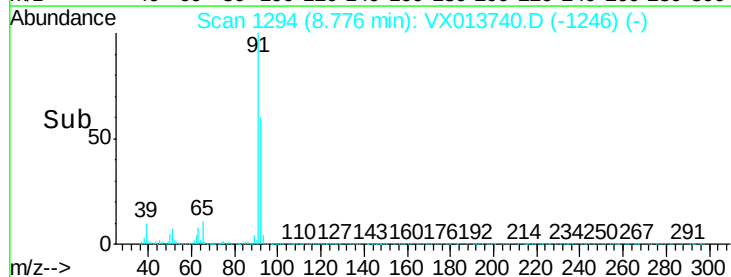
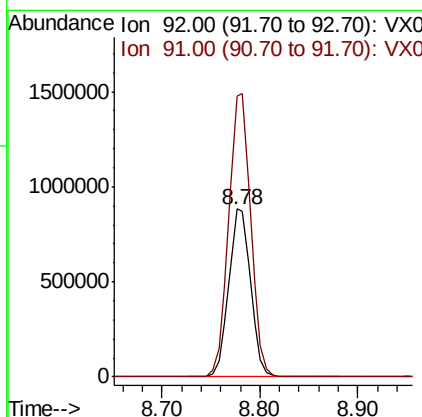
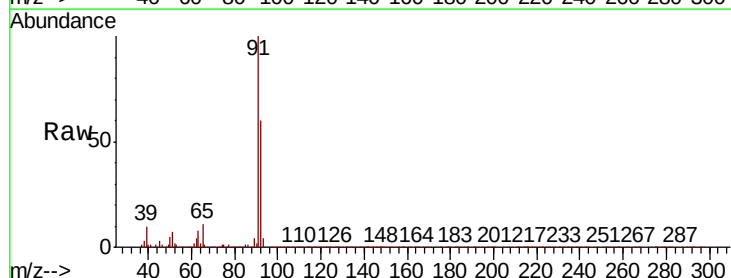
Instrument :
MSVOA_X
ClientSampleId :
30739

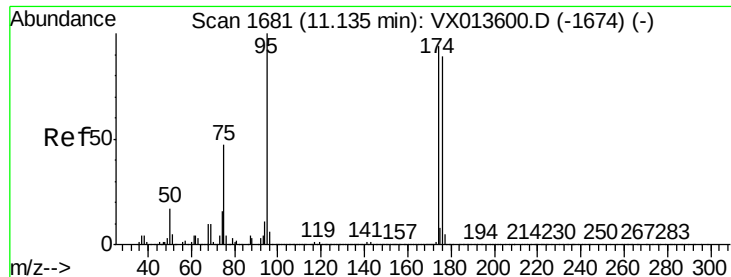
Tot Ion: 98 Resp: 1329034
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7



#52
Toluene
Concen: 71.006 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

Tgt Ion: 92 Resp: 1367002
Ion Ratio Lower Upper
92 100
91 170.2 136.2 204.2

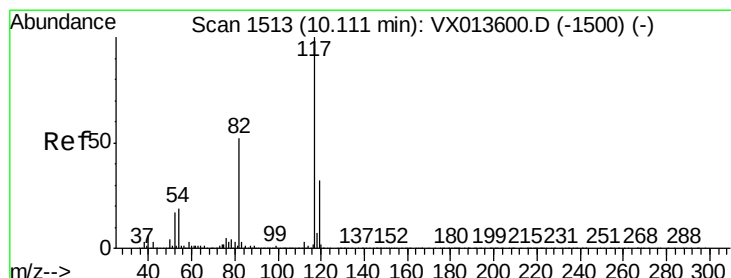
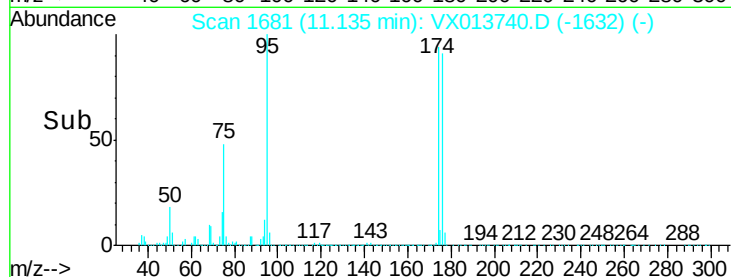
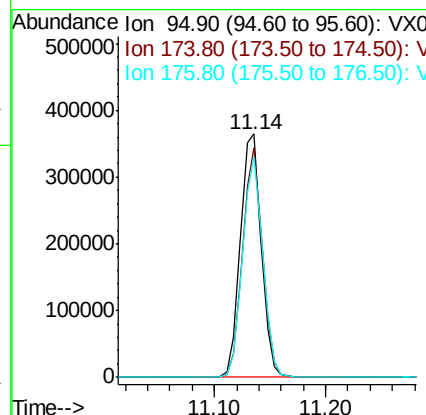
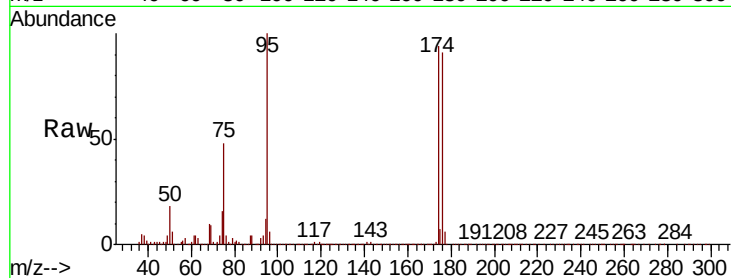




#62
4-Bromofluorobenzene
Concen: 48.733 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

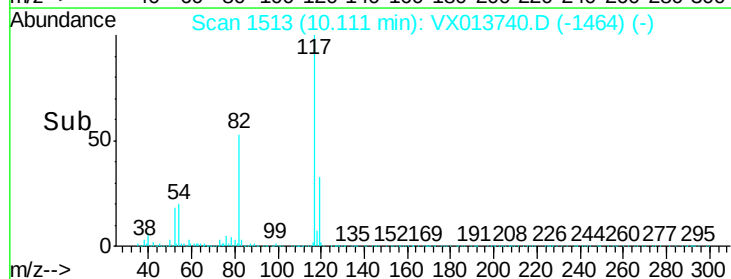
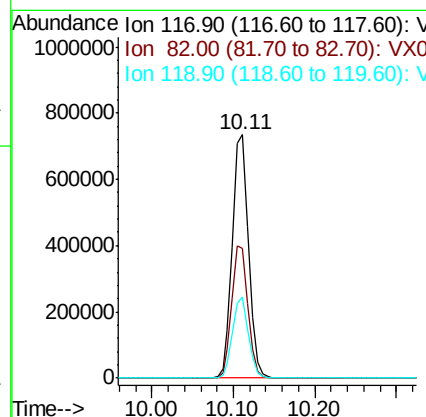
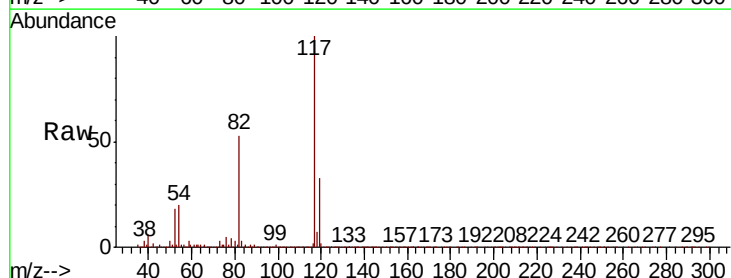
Instrument :
MSVOA_X
ClientSampleId :
30739

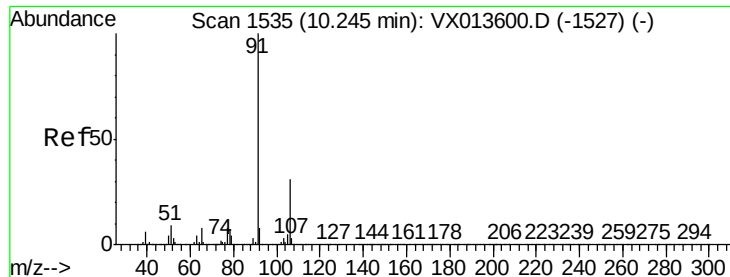
Tot Ion: 95 Resp: 474447
Ion Ratio Lower Upper
95 100
174 89.7 0.0 180.0
176 87.8 0.0 173.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

Tgt Ion: 117 Resp: 1001108
Ion Ratio Lower Upper
117 100
82 53.2 41.8 62.8
119 33.1 25.8 38.8

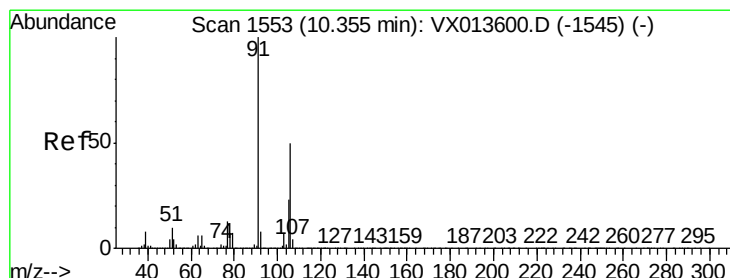
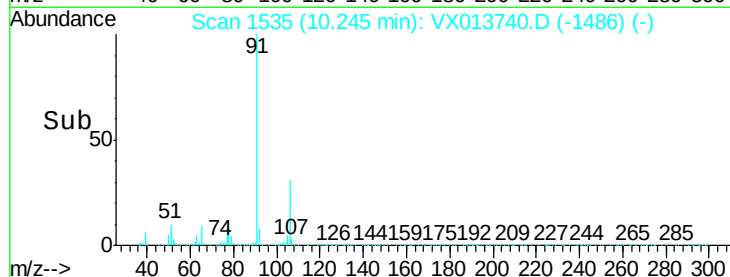
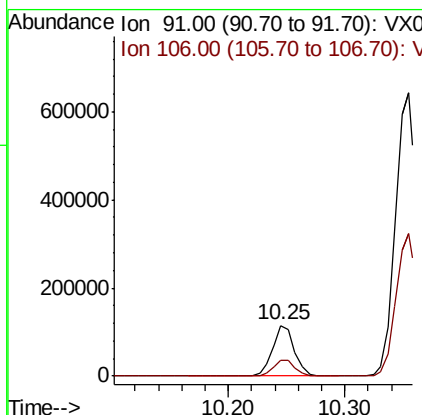
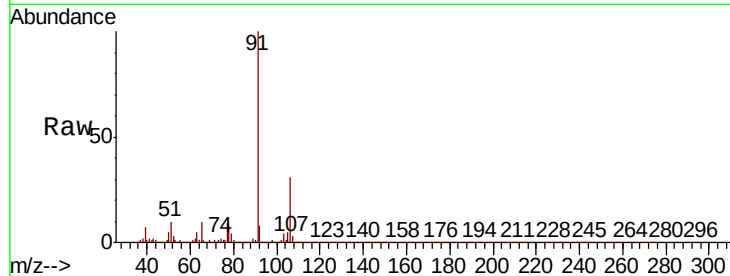




#67
Ethyl Benzene
Concen: 4.204 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

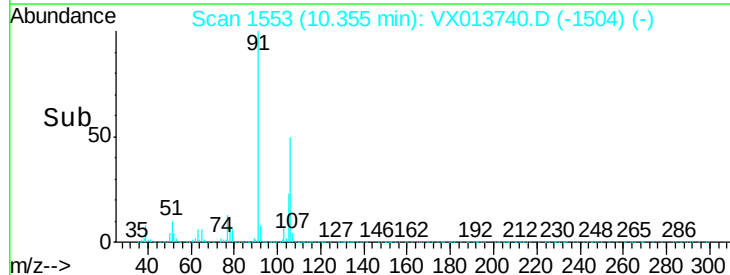
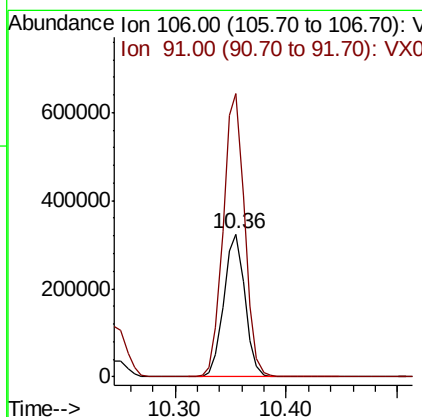
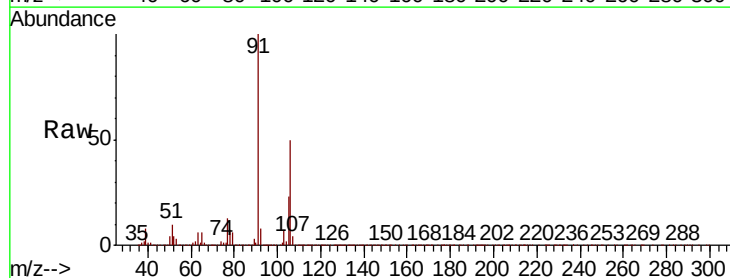
Instrument :
MSVOA_X
ClientSampled :
30739

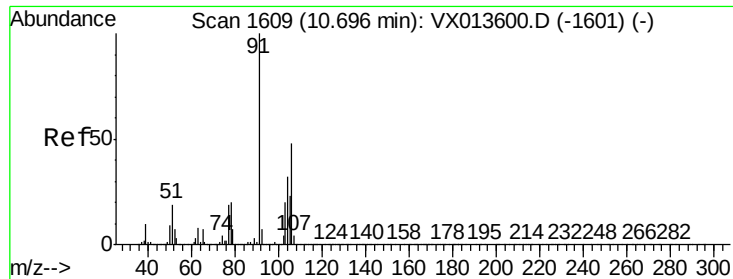
Tot Ion: 91 Resp: 150139
Ion Ratio Lower Upper
91 100
106 30.8 24.5 36.7



#68
m/p-Xylenes
Concen: 31.103 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

Tgt Ion: 106 Resp: 425312
Ion Ratio Lower Upper
106 100
91 200.1 159.0 238.4

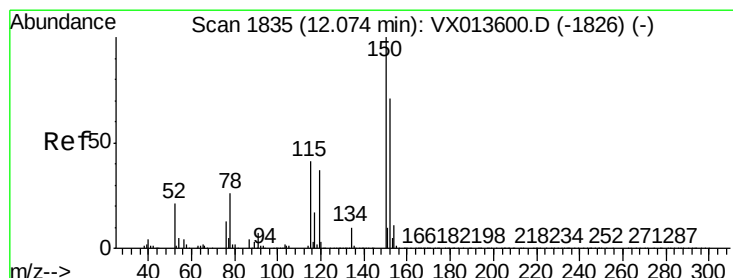
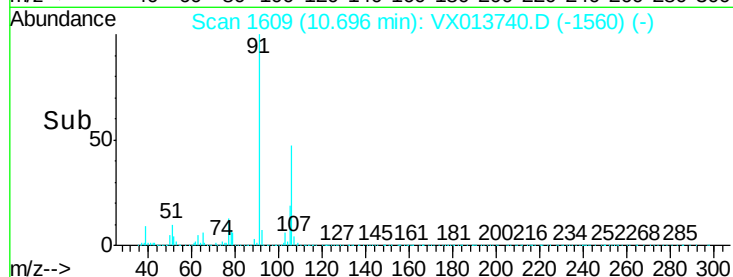
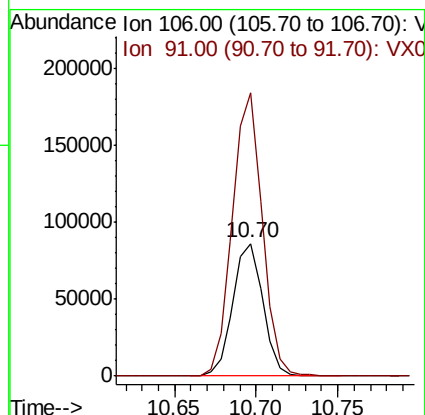
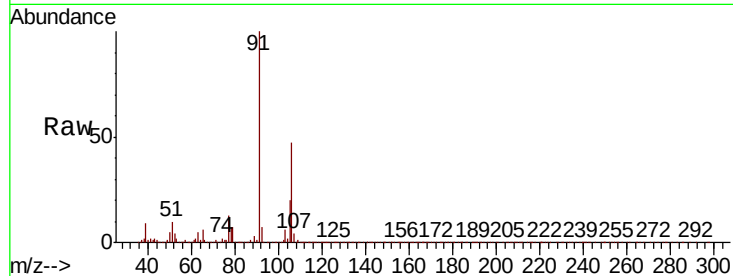




#69
o-Xylene
Concen: 8.274 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

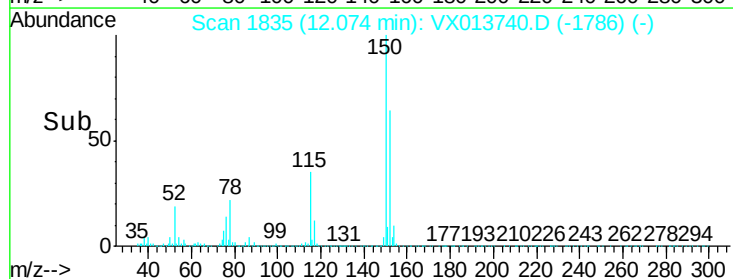
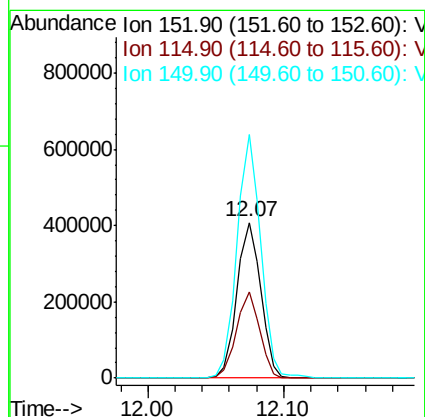
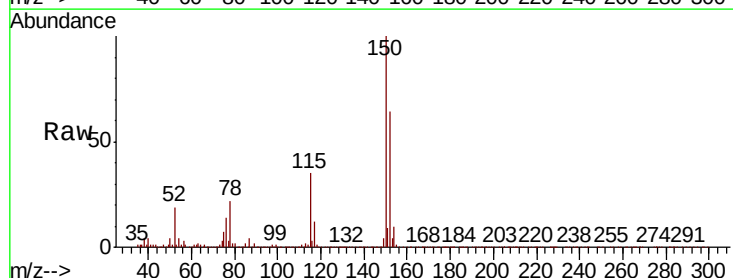
Instrument :
MSVOA_X
ClientSampled :
30739

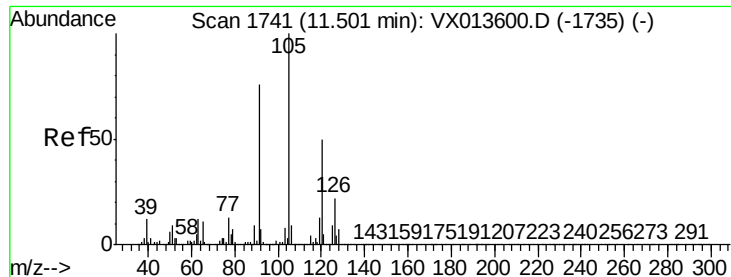
Tot Ion:106 Resp: 110345
Ion Ratio Lower Upper
106 100
91 212.1 104.1 312.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013740.D
Acq: 03 Dec 2019 21:14

Tgt Ion:152 Resp: 497871
Ion Ratio Lower Upper
152 100
115 53.8 38.4 115.1
150 156.5 0.0 346.8

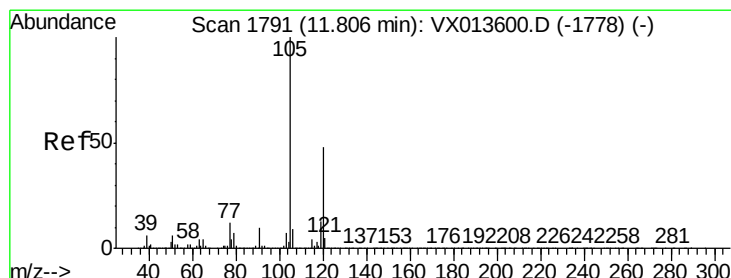
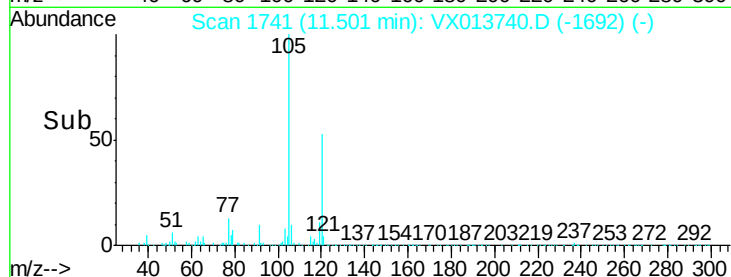
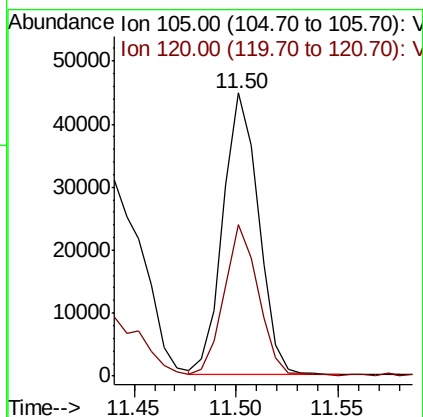
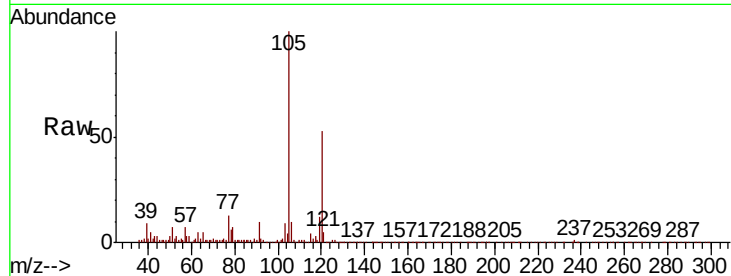




#80
 1,3,5-Trimethylbenzene
 Concen: 1.883 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013740.D
 Acq: 03 Dec 2019 21:14

Instrument :
 MSVOA_X
 ClientSampleId :
 30739

Tot Ion:105 Resp: 53908
 Ion Ratio Lower Upper
 105 100
 120 51.8 25.3 75.9



#84
 1,2,4-Trimethylbenzene
 Concen: 4.987 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX013740.D
 Acq: 03 Dec 2019 21:14

Tgt Ion:105 Resp: 144864
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.1 69.3

