

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012720\
 Data File : VX014726.D
 Acq On : 27 Jan 2020 15:07
 Operator : JC/SP
 Sample : L1236-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-2

Quant Time: Jan 28 05:25:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	446092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	697606	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	650903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	315450	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	256930	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	
35) Dibromofluoromethane	5.49	113	215902	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
50) Toluene-d8	8.71	98	841006	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.13	95	299009	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	

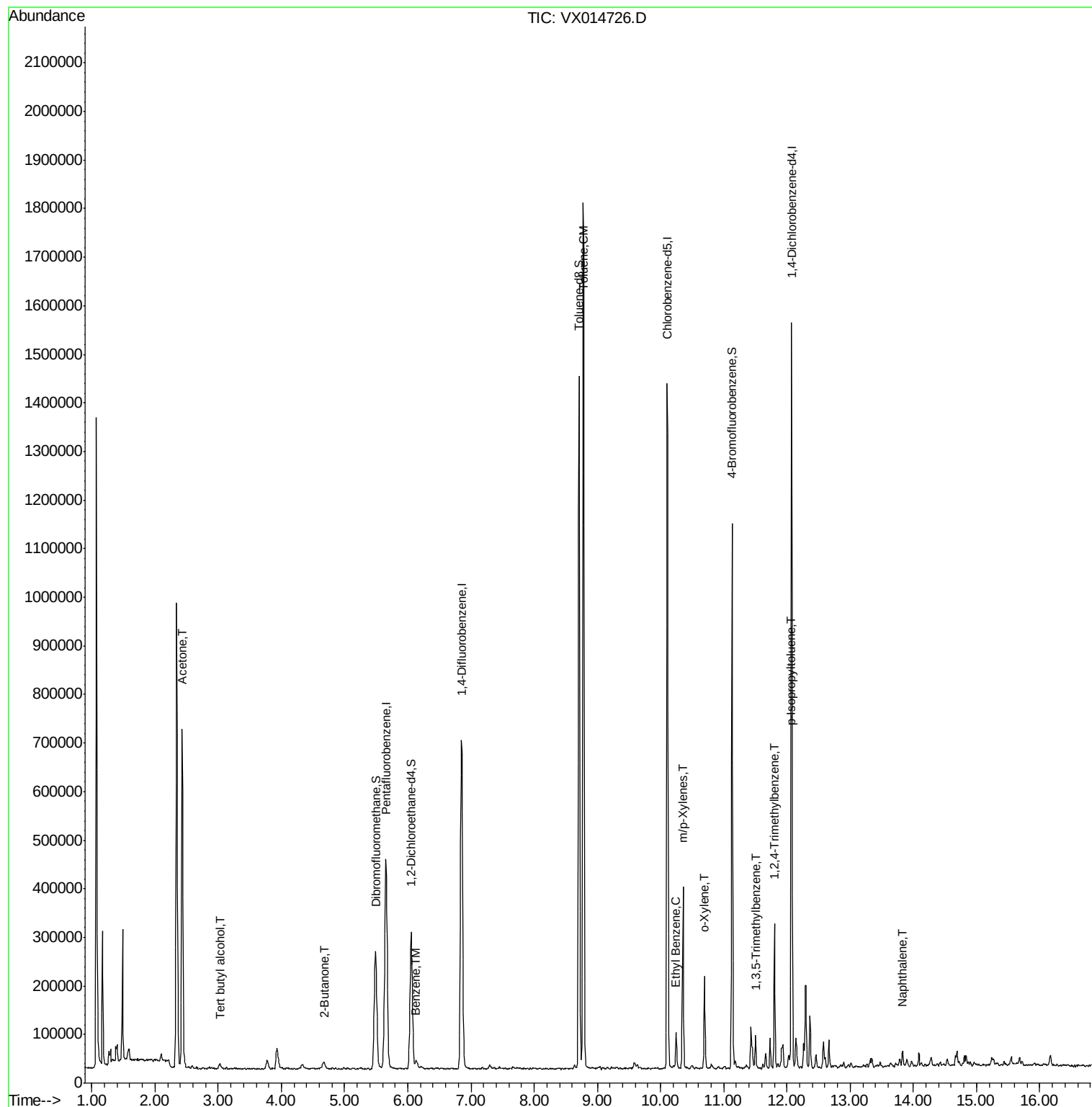
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.02	59	9587	8.197	ug/l #	94
16) Acetone	2.43	43	721183	252.598	ug/l	98
25) 2-Butanone	4.68	43	13045	3.189	ug/l #	87
40) Benzene	6.14	78	18651	0.931	ug/l	91
52) Toluene	8.78	92	668230	54.276	ug/l	99
67) Ethyl Benzene	10.25	91	44271	1.862	ug/l	98
68) m/p-Xylenes	10.35	106	91862	10.200	ug/l	99
69) o-Xylene	10.70	106	41399	4.762	ug/l	96
80) 1,3,5-Trimethylbenzene	11.50	105	30018	1.631	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	135067	7.315	ug/l	99
86) p-Isopropyltoluene	12.06	119	7600	0.388	ug/l #	79
95) Naphthalene	13.83	128	20187	1.827	ug/l #	92

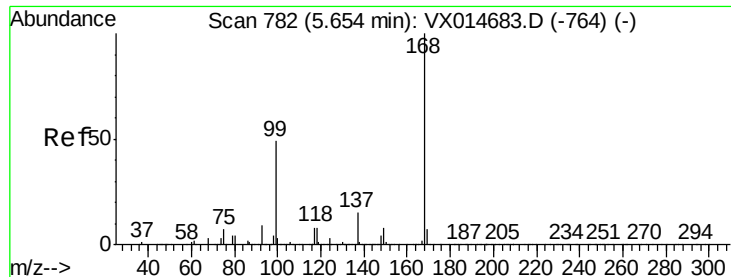
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX012720\
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COMP-2

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014726.D

Acq: 27 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

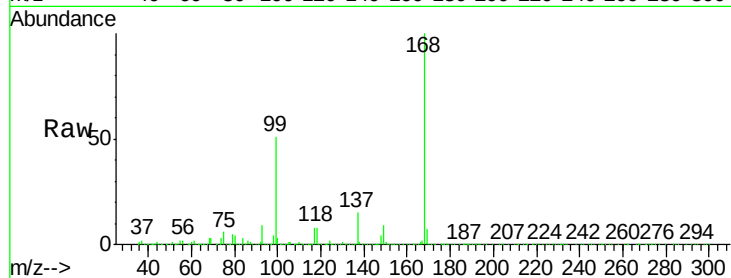
COMP-2

Tot Ion:168 Resp: 446092

Ion Ratio Lower Upper

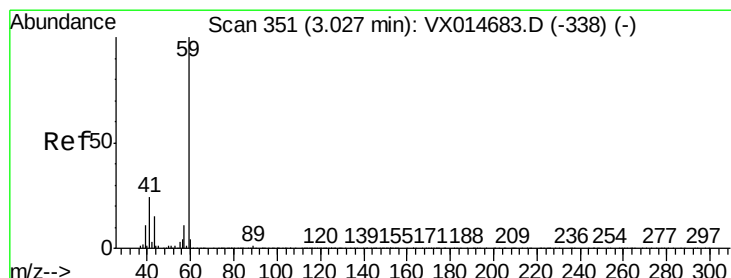
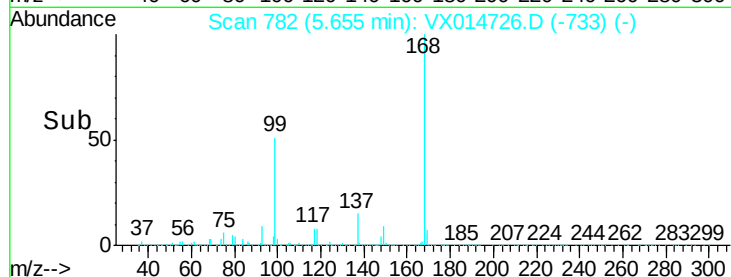
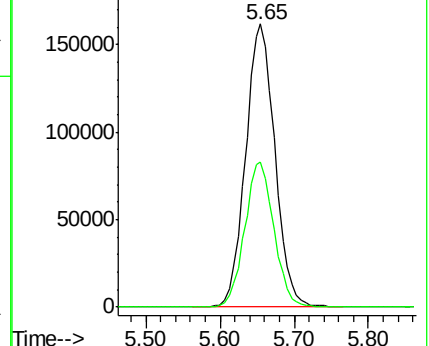
168 100

99 51.0 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 8.197 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX014726.D

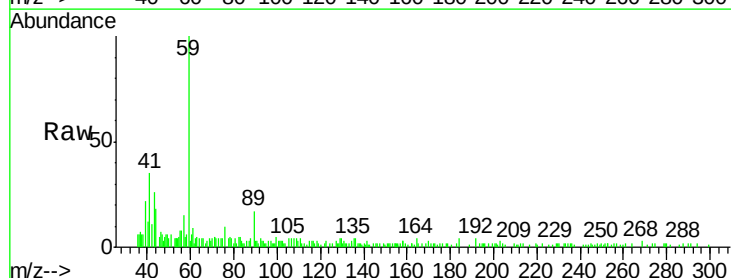
Acq: 27 Jan 2020 15:07

Tgt Ion: 59 Resp: 9587

Ion Ratio Lower Upper

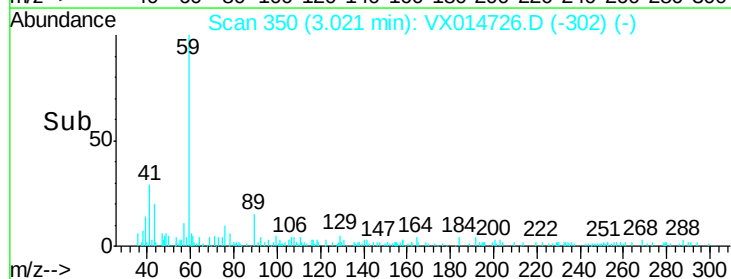
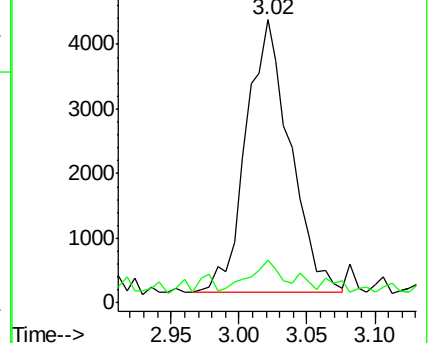
59 100

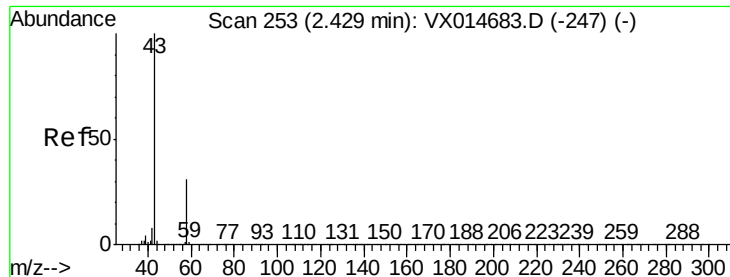
57 8.2 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

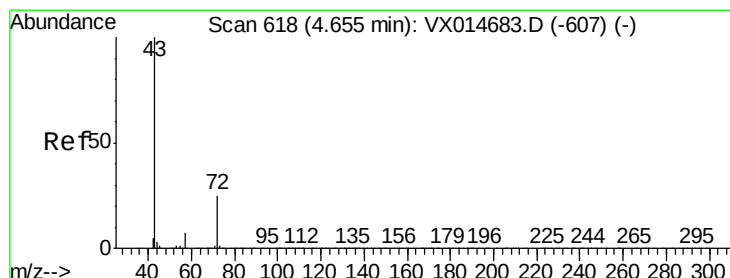
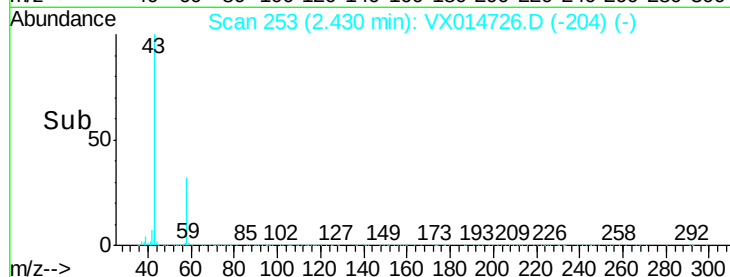
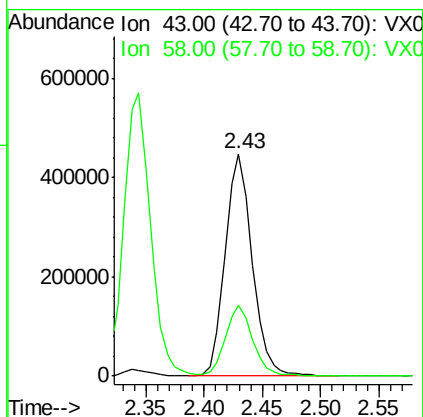
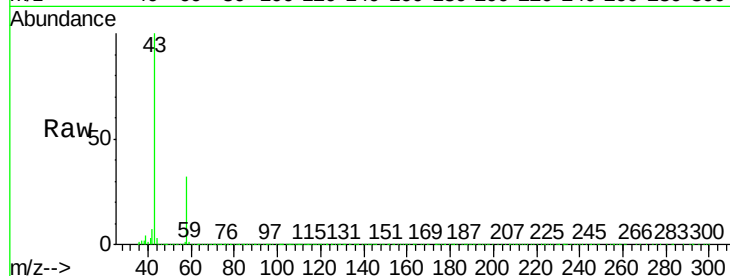




#16
Acetone
Concen: 252.598 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX014726.D
Acq: 27 Jan 2020 15:07

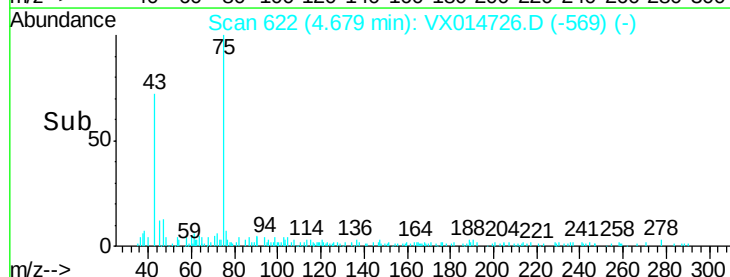
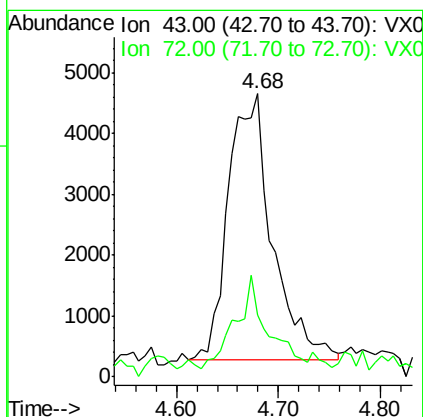
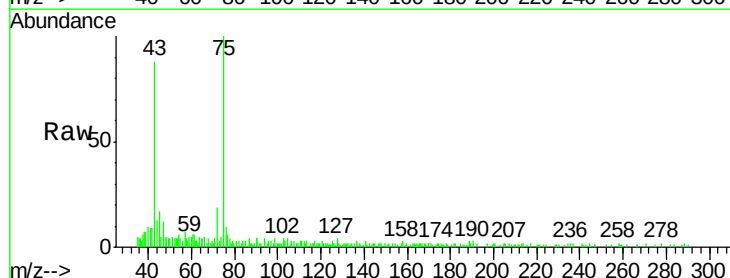
Instrument :
MSVOA_X
ClientSampled :
COMP-2

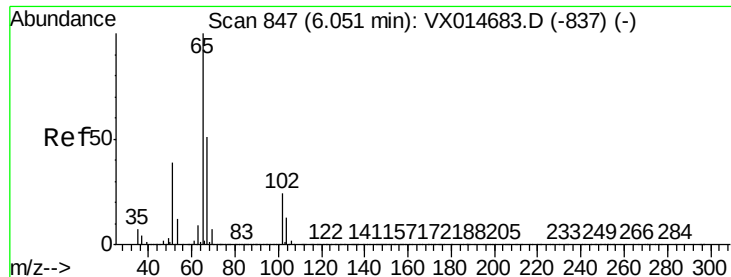
Tot Ion: 43 Resp: 721183
Ion Ratio Lower Upper
43 100
58 31.5 24.5 36.7



#25
2-Butanone
Concen: 3.189 ug/l
RT: 4.68 min Scan# 622
Delta R.T. 0.02 min
Lab File: VX014726.D
Acq: 27 Jan 2020 15:07

Tgt Ion: 43 Resp: 13045
Ion Ratio Lower Upper
43 100
72 18.6 19.9 29.9#

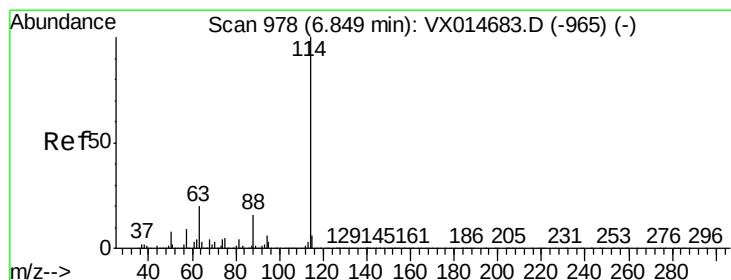
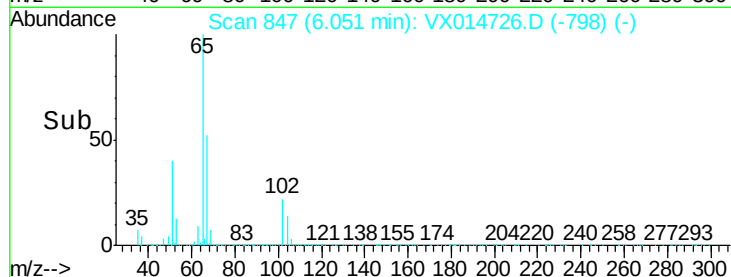
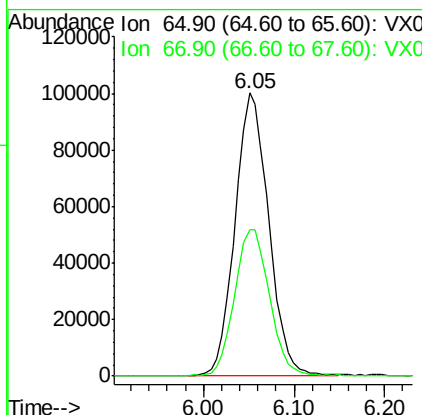
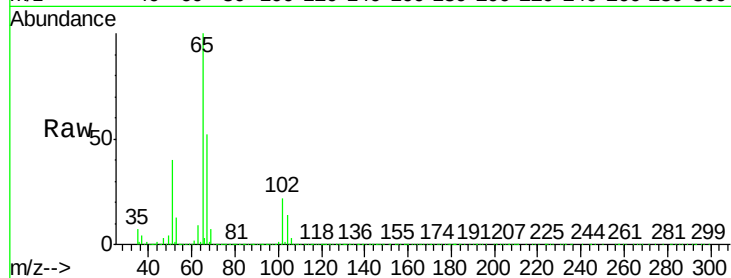




#33
 1,2-Dichloroethane-d4
 Concen: 49.321 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014726.D
 Acq: 27 Jan 2020 15:07

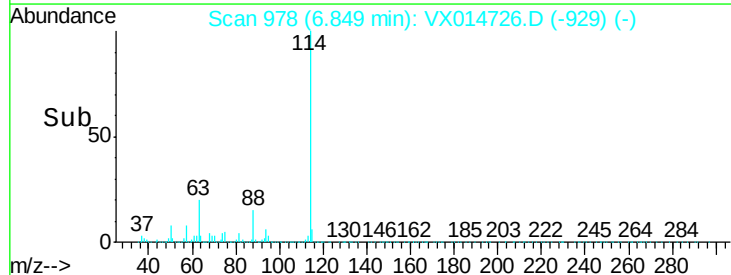
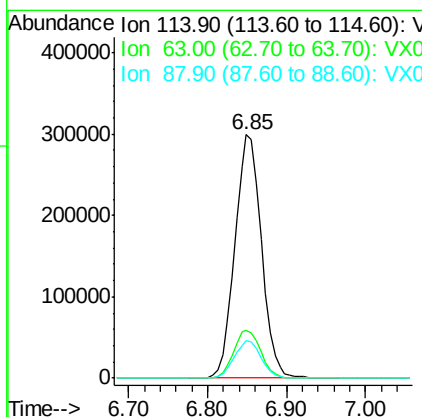
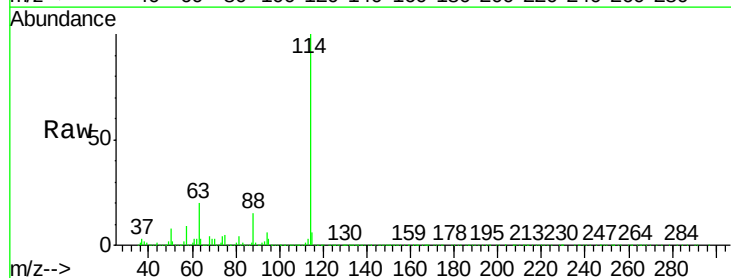
Instrument :
 MSVOA_X
 ClientSampled :
 COMP-2

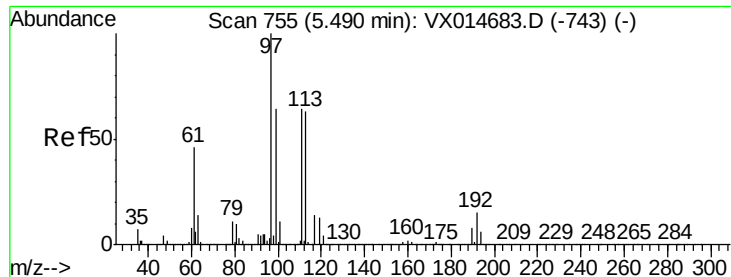
Tot Ion: 65 Resp: 256930
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014726.D
 Acq: 27 Jan 2020 15:07

Tgt Ion: 114 Resp: 697606
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.6
 88 15.4 0.0 31.2

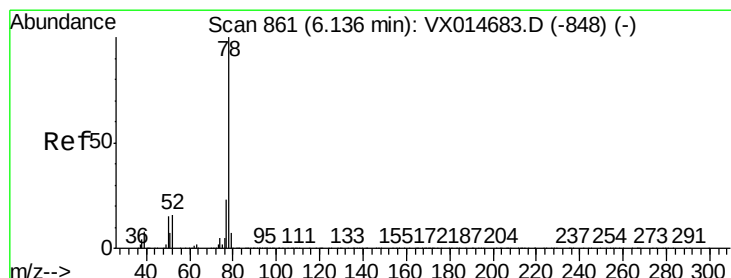
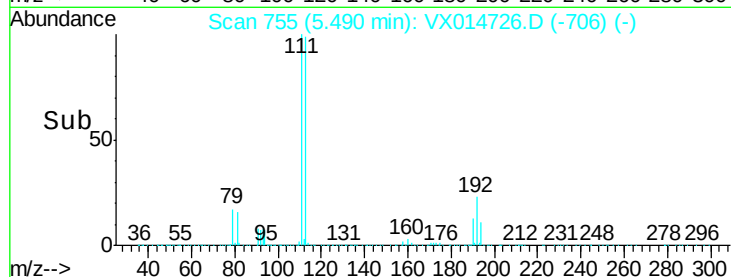
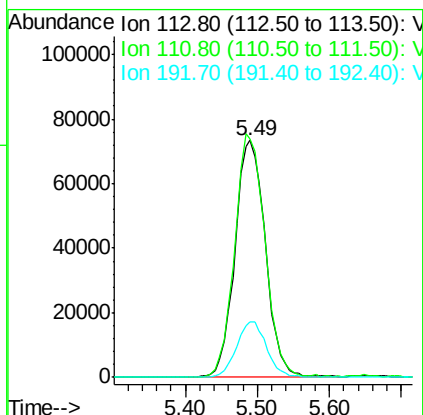
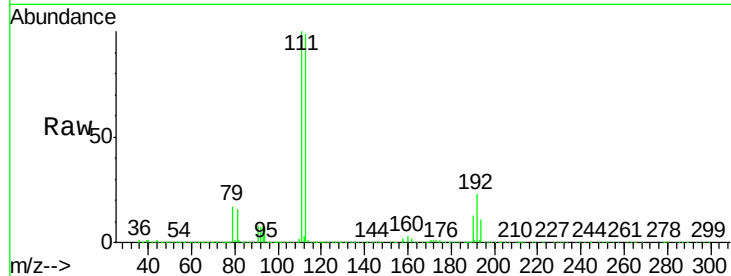




#35
 Dibromofluoromethane
 Concen: 49.048 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014726.D
 Acq: 27 Jan 2020 15:07

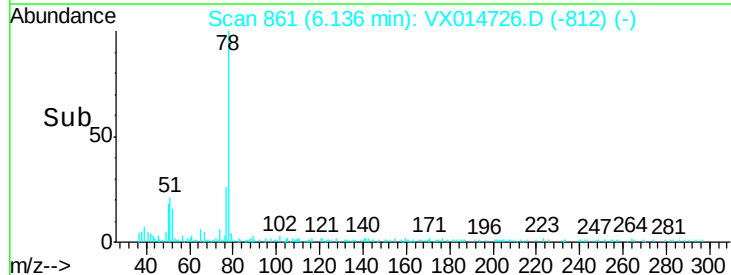
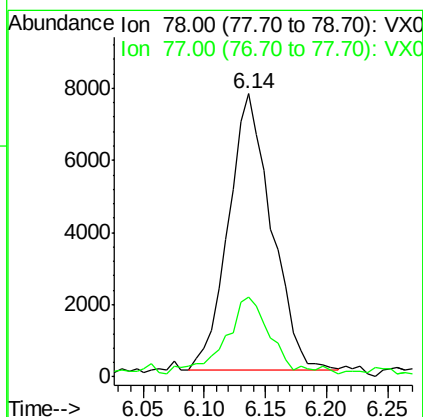
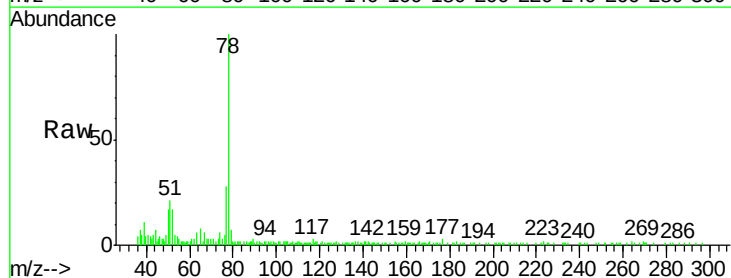
Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-2

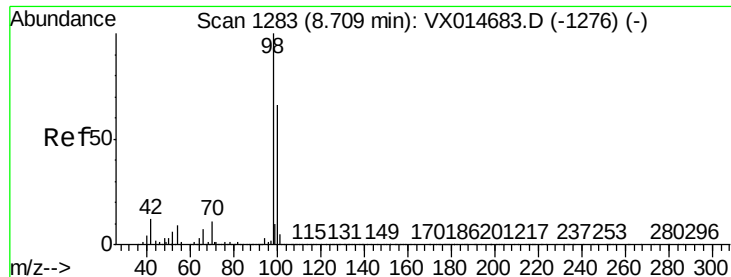
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	80.7	121.1
192	23.3	18.5	27.7



#40
 Benzene
 Concen: 0.931 ug/l
 RT: 6.14 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: VX014726.D
 Acq: 27 Jan 2020 15:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	27.9	18.7	28.1

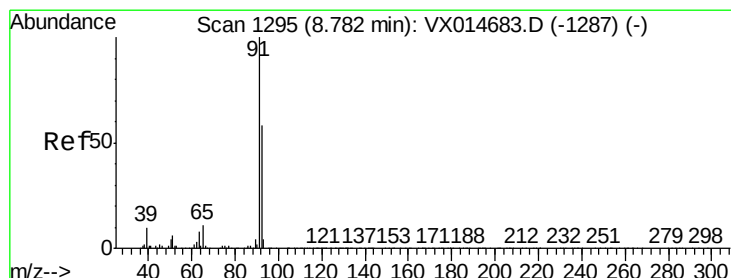
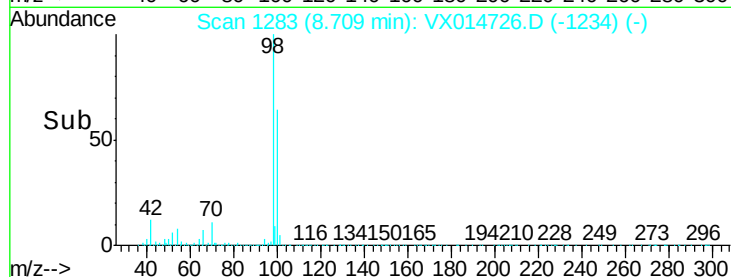
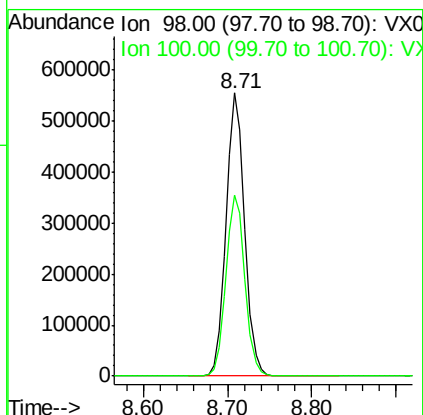
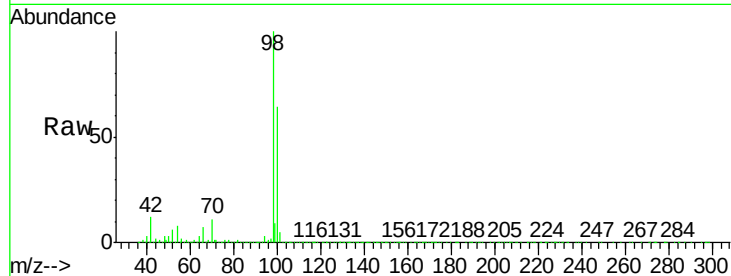




#50
Toluene-d8
Concen: 49.698 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014726.D
Acq: 27 Jan 2020 15:07

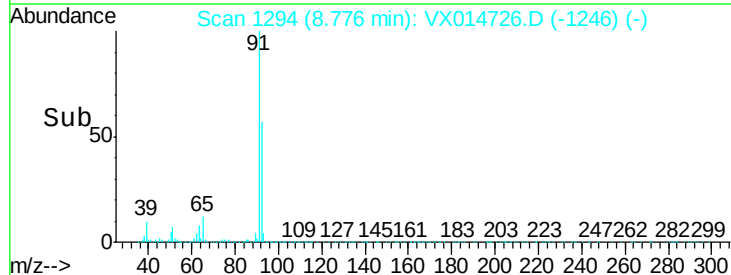
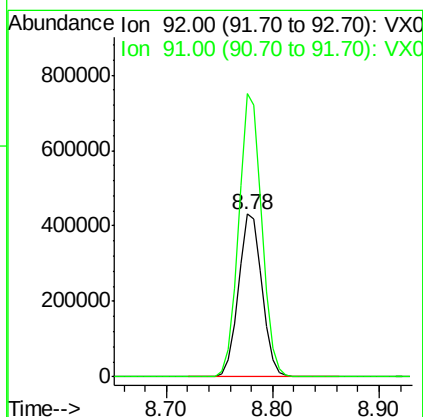
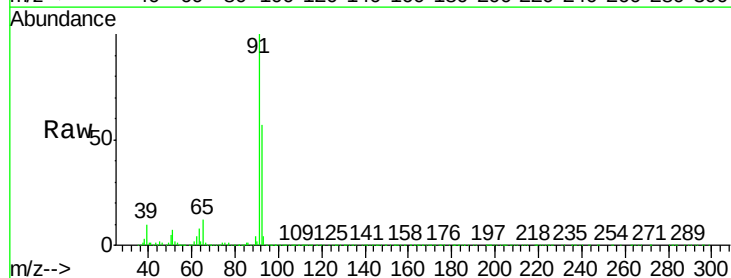
Instrument :
MSVOA_X
ClientSampleId :
COMP-2

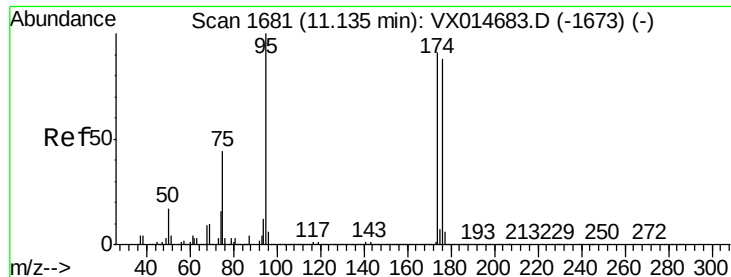
Tot Ion: 98 Resp: 841006
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.6



#52
Toluene
Concen: 54.276 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014726.D
Acq: 27 Jan 2020 15:07

Tgt Ion: 92 Resp: 668230
Ion Ratio Lower Upper
92 100
91 171.3 135.9 203.9





#62

4-Bromofluorobenzene

Concen: 49.602 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014726.D

Acq: 27 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

COMP-2

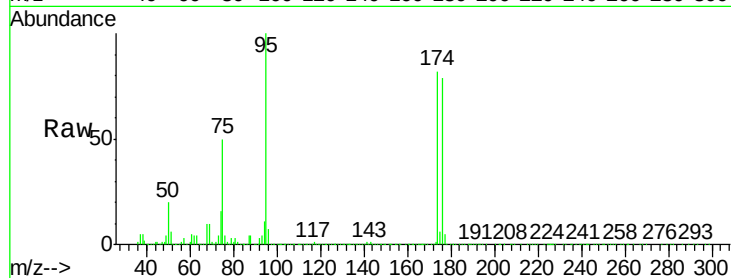
Tot Ion: 95 Resp: 299009

Ion Ratio Lower Upper

95 100

174 88.5 0.0 176.0

176 86.3 0.0 172.2

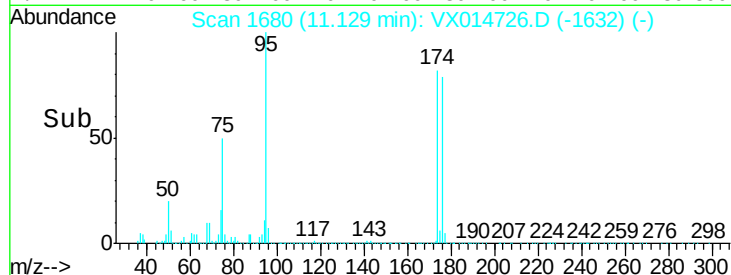


Abundance Ion 94.90 (94.60 to 95.60): VX014683.D (-1673) (-)

Ion 173.80 (173.50 to 174.50): VX014683.D (-1673) (-)

Ion 175.80 (175.50 to 176.50): VX014683.D (-1673) (-)

Time-->

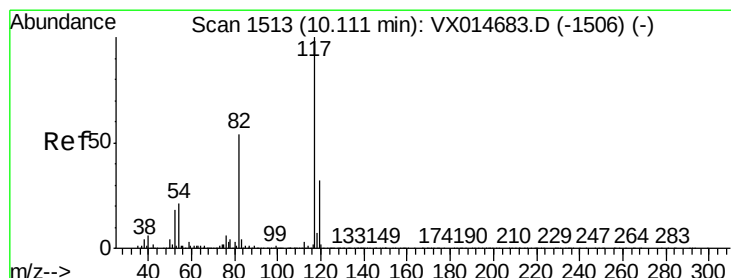


Abundance Ion 94.90 (94.60 to 95.60): VX014726.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX014726.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX014726.D (-1632) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014726.D

Acq: 27 Jan 2020 15:07

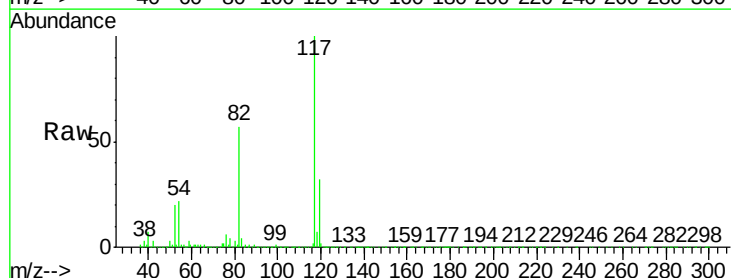
Tgt Ion: 117 Resp: 650903

Ion Ratio Lower Upper

117 100

82 56.5 43.2 64.8

119 31.9 25.8 38.6

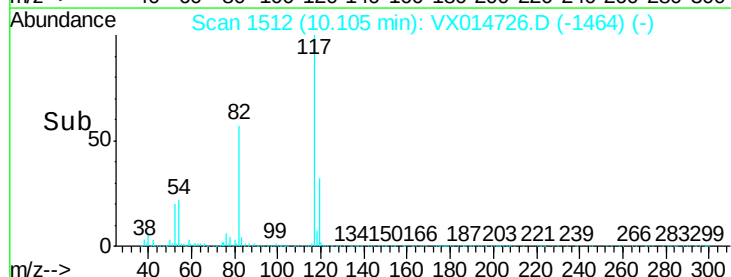


Abundance Ion 116.90 (116.60 to 117.60): VX014683.D (-1506) (-)

Ion 82.00 (81.70 to 82.70): VX014683.D (-1506) (-)

Ion 118.90 (118.60 to 119.60): VX014683.D (-1506) (-)

Time-->

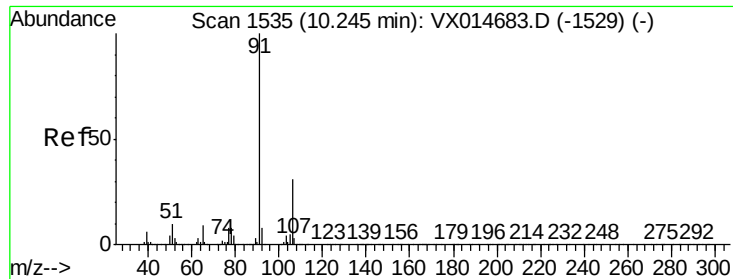


Abundance Ion 116.90 (116.60 to 117.60): VX014726.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX014726.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX014726.D (-1464) (-)

Time-->



#67

Ethyl Benzene

Concen: 1.862 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014726.D

Acq: 27 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampled :

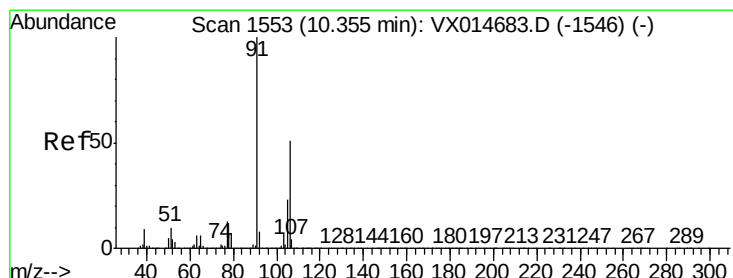
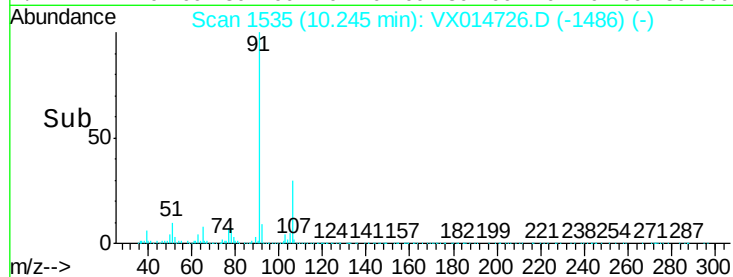
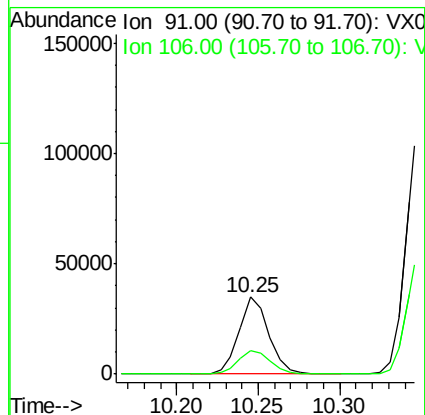
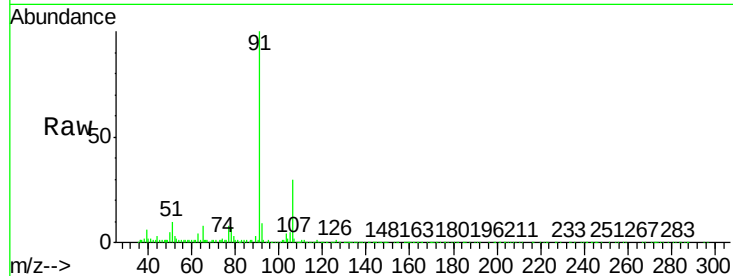
COMP-2

Tot Ion: 91 Resp: 44271

Ion Ratio Lower Upper

91 100

106 30.1 24.9 37.3



#68

m/p-Xylenes

Concen: 10.200 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014726.D

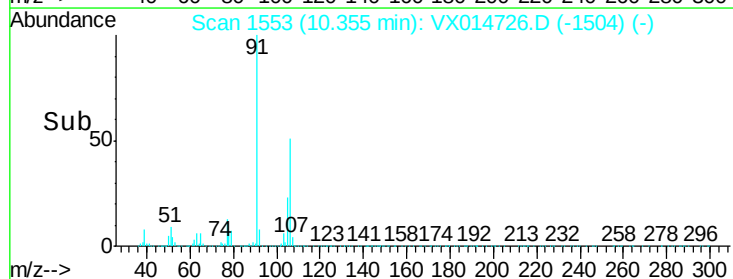
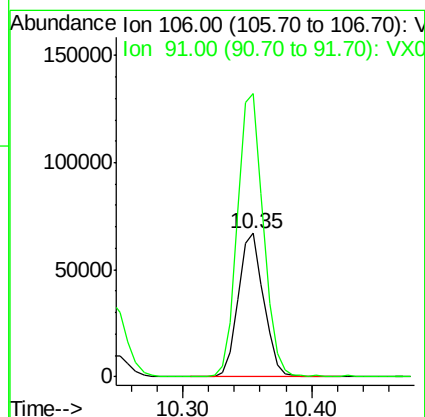
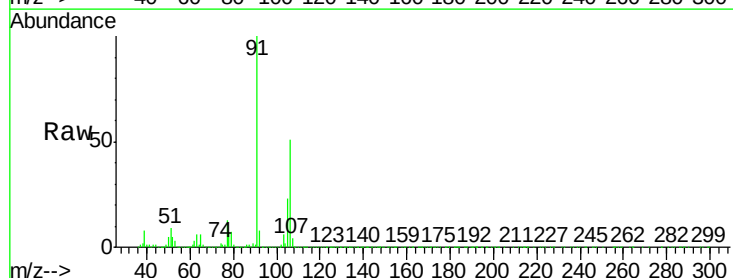
Acq: 27 Jan 2020 15:07

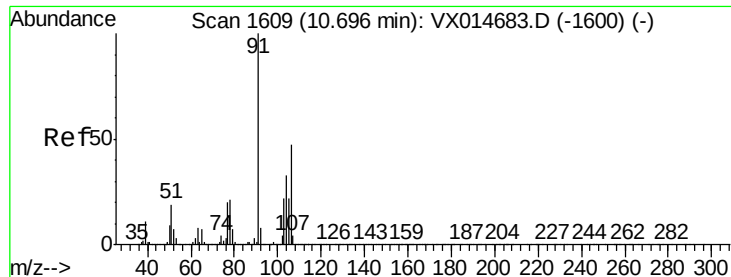
Tgt Ion: 106 Resp: 91862

Ion Ratio Lower Upper

106 100

91 201.3 159.4 239.2

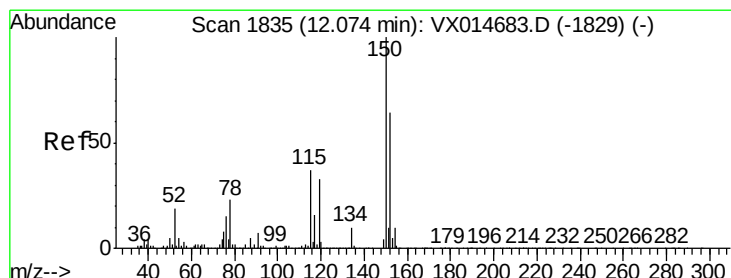
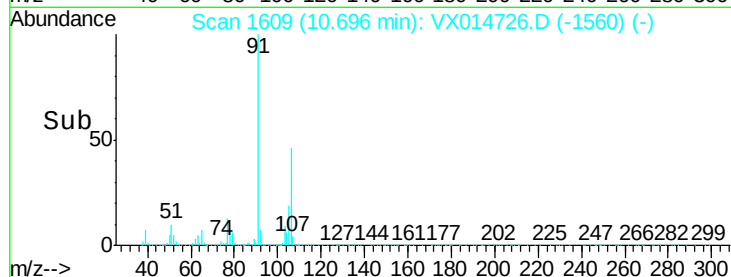
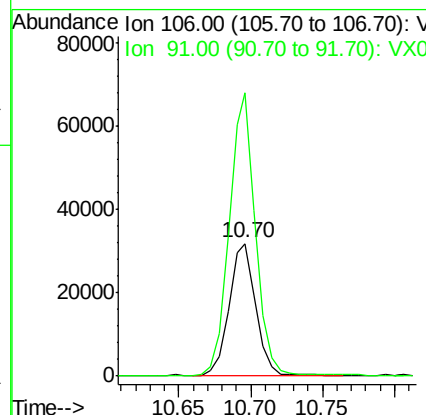
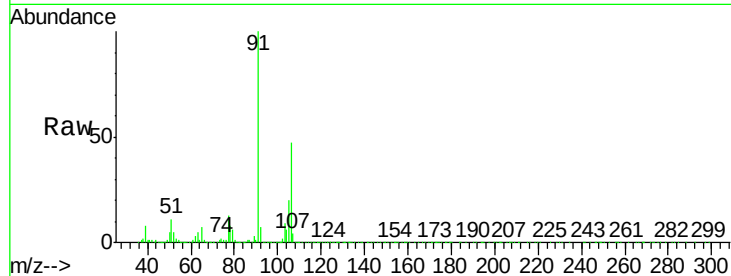




#69
o-Xylene
Concen: 4.762 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014726.D
Acq: 27 Jan 2020 15:07

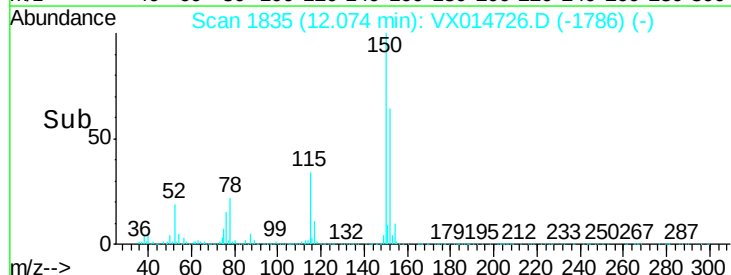
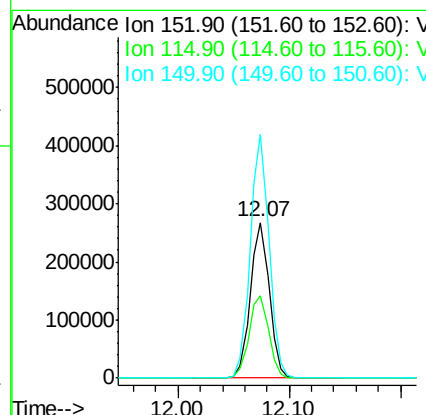
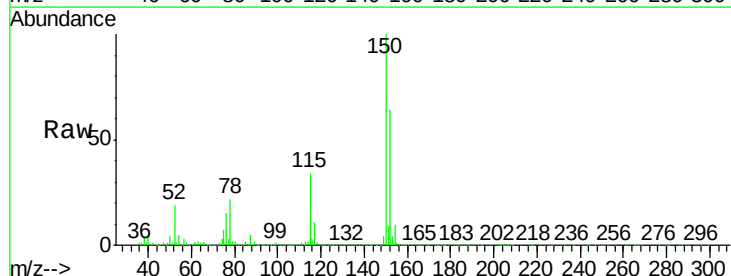
Instrument :
MSVOA_X
ClientSampled :
COMP-2

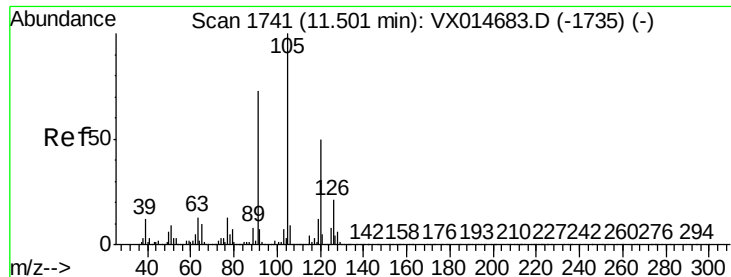
Tot Ion:106 Resp: 41399
Ion Ratio Lower Upper
106 100
91 206.9 106.2 318.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014726.D
Acq: 27 Jan 2020 15:07

Tgt Ion:152 Resp: 315450
Ion Ratio Lower Upper
152 100
115 54.8 39.4 118.1
150 155.5 0.0 351.2





#80

1,3,5-Trimethylbenzene

Concen: 1.631 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014726.D

Acq: 27 Jan 2020 15:07

Instrument :

MSVOA_X

ClientSampled :

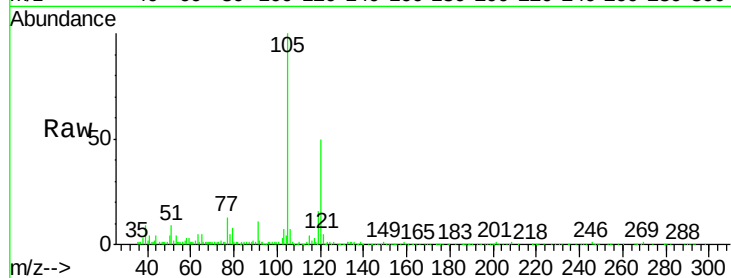
COMP-2

Tot Ion:105 Resp: 30018

Ion Ratio Lower Upper

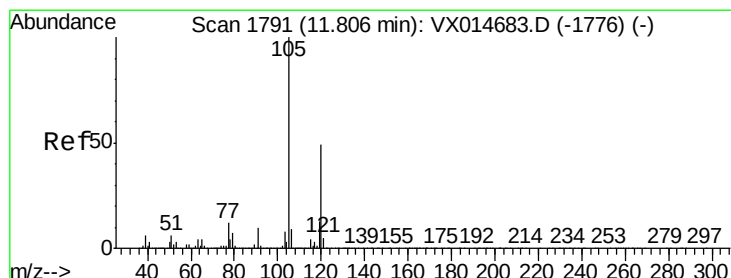
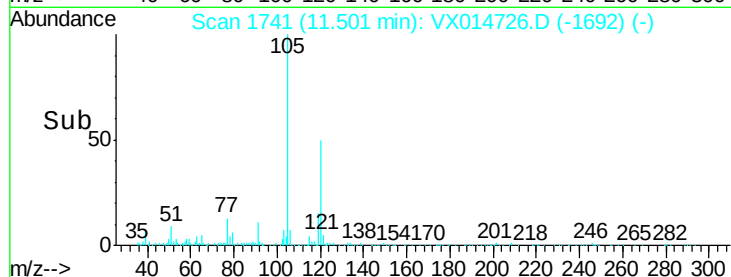
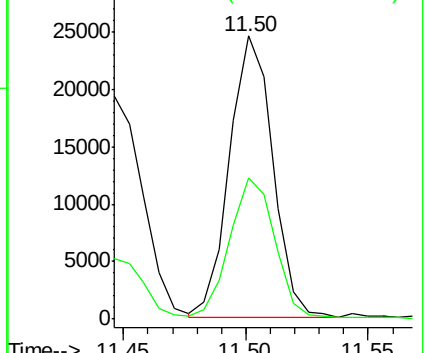
105 100

120 52.4 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 7.315 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX014726.D

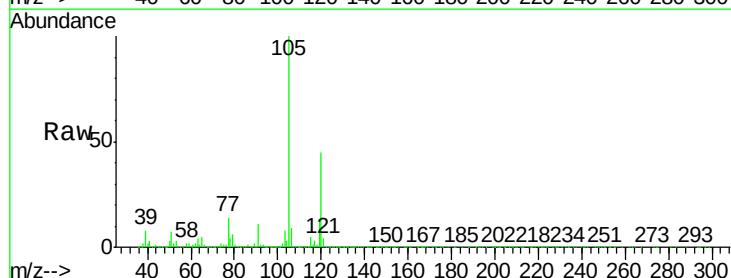
Acq: 27 Jan 2020 15:07

Tgt Ion:105 Resp: 135067

Ion Ratio Lower Upper

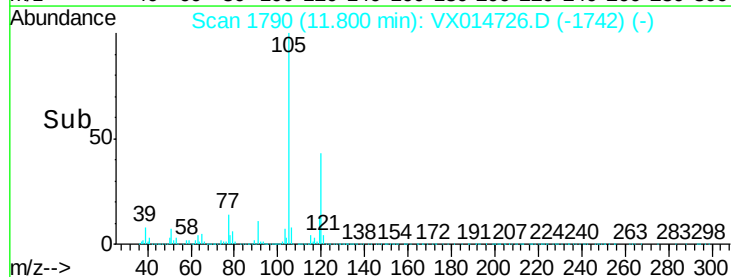
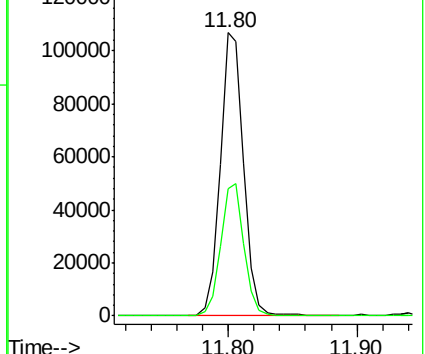
105 100

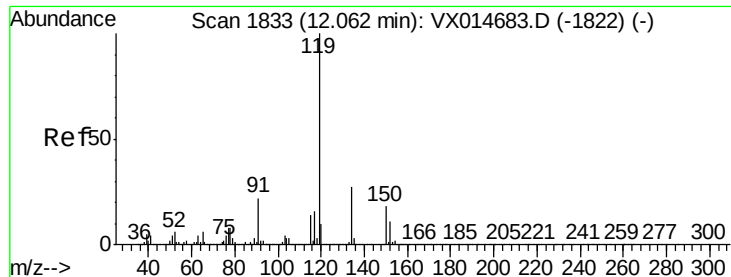
120 47.2 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

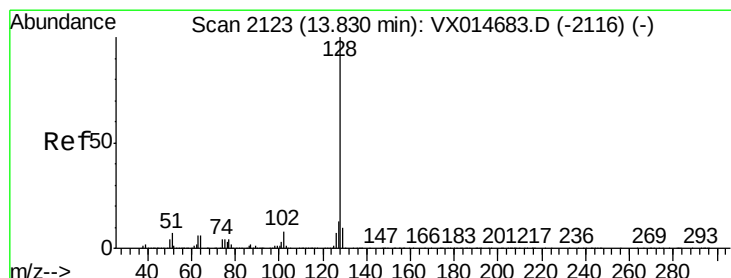
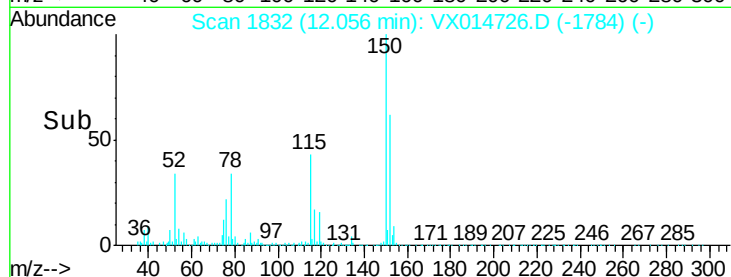
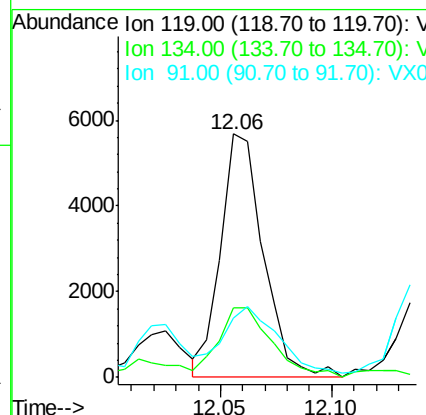
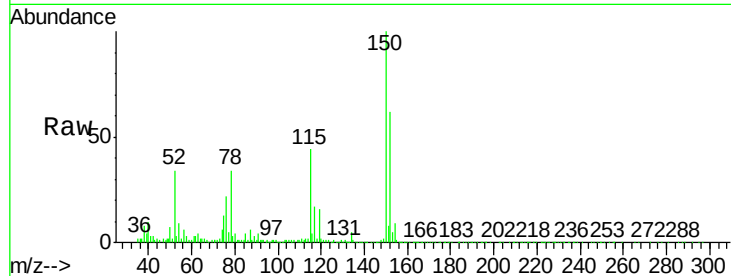




#86
p-Isopropyltoluene
Concen: 0.388 ug/l
RT: 12.06 min Scan# 1832
Delta R.T. -0.01 min
Lab File: VX014726.D
Acq: 27 Jan 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
COMP-2

Tot Ion:119 Resp: 7600
Ion Ratio Lower Upper
119 100
134 35.9 13.5 40.4
91 34.4 11.3 33.8#



#95
Naphthalene
Concen: 1.827 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014726.D
Acq: 27 Jan 2020 15:07

Tgt Ion:128 Resp: 20187
Ion Ratio Lower Upper
128 100
127 12.0 10.3 15.5
129 16.0 8.6 12.8#

