

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020420\
 Data File : VX014806.D
 Acq On : 04 Feb 2020 14:02
 Operator : JC/SP
 Sample : L1388-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOTE-COMP

Quant Time: Feb 05 03:46:05 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	427810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	672436	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	619940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	314184	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	248945	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	
35) Dibromofluoromethane	5.49	113	208074	49.04	ug/l	0.00
Spiked Amount			Recovery	=	98.08%	
50) Toluene-d8	8.71	98	803654	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	11.13	95	282780	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	

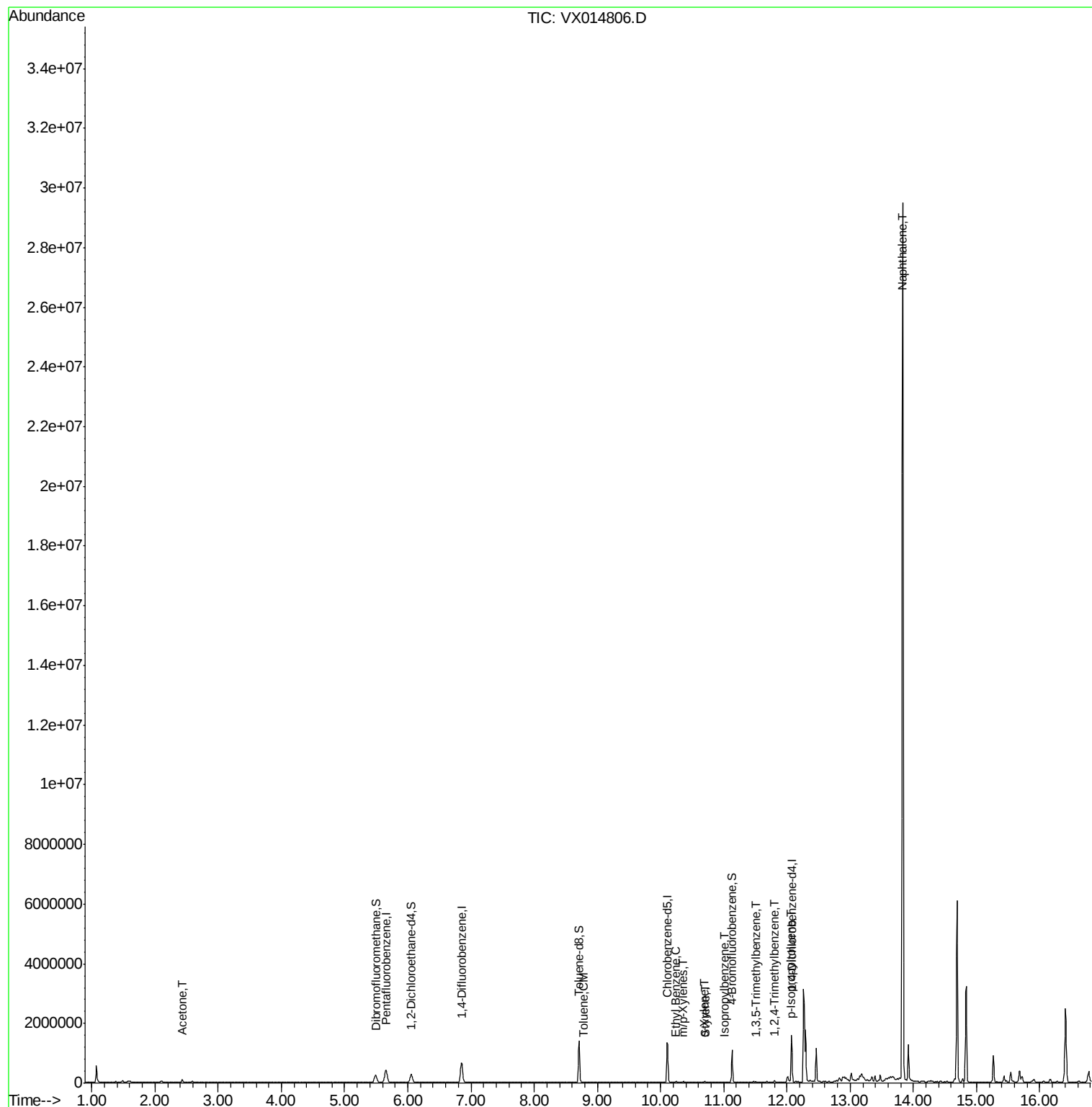
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	94133	34.509	ug/l	97
52) Toluene	8.78	92	6722	0.566	ug/l	94
67) Ethyl Benzene	10.25	91	17356	0.767	ug/l	98
68) m/p-Xylenes	10.35	106	7192	0.838	ug/l	92
69) o-Xylene	10.70	106	6040	0.729	ug/l	98
70) Styrene	10.71	104	3574	0.257	ug/l #	62
73) Isopropylbenzene	11.01	105	10578	0.479	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	6858	0.374	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	22508	1.224	ug/l	93
86) p-Isopropyltoluene	12.06	119	19205	0.985	ug/l	91
95) Naphthalene	13.82	128	14628044	652.752	ug/l #	83

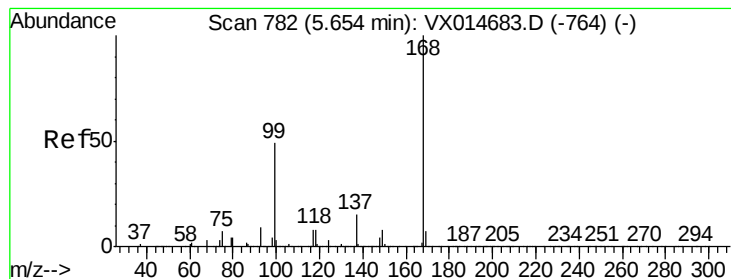
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 05 03:46:05 2020
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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: VX014806.D

Acq: 04 Feb 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

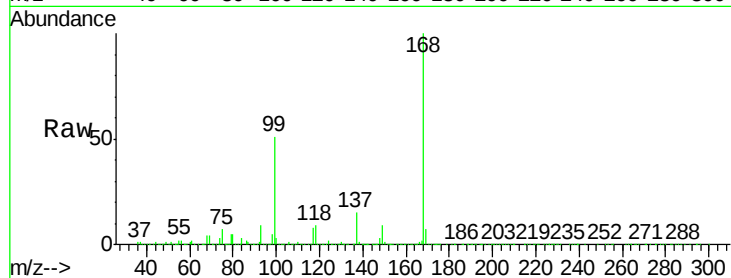
TOTE-COMP

Tot Ion:168 Resp: 427810

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

5.65

150000

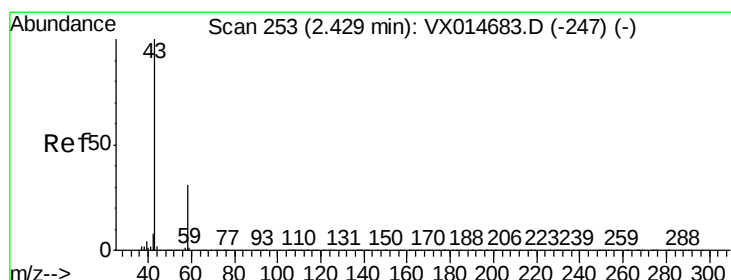
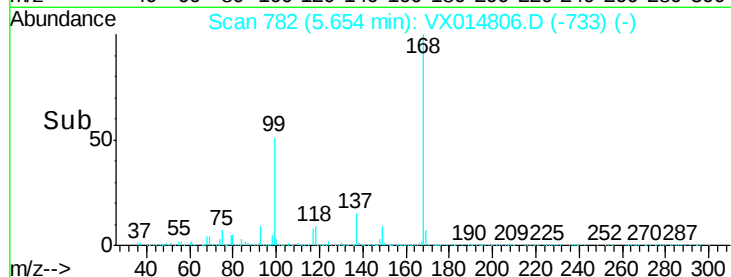
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 34.509 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014806.D

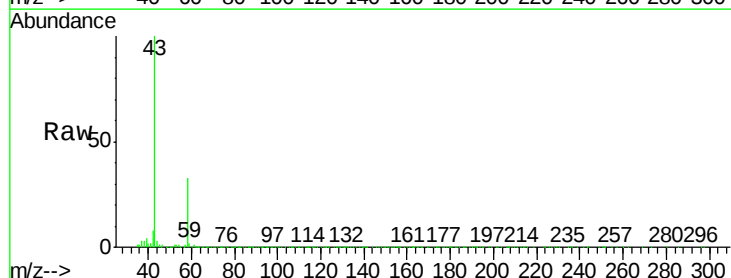
Acq: 04 Feb 2020 14:02

Tgt Ion: 43 Resp: 94133

Ion Ratio Lower Upper

43 100

58 32.1 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

60000

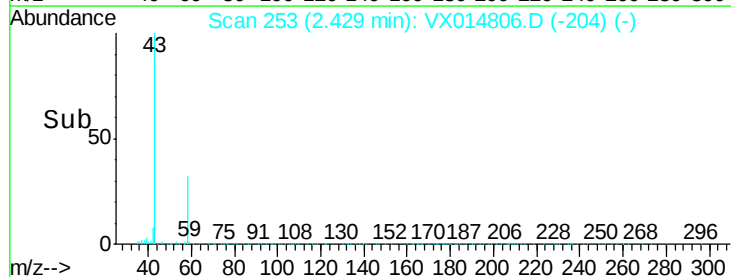
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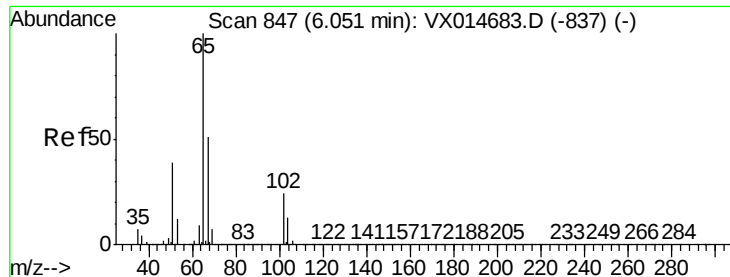
20000

0

Time-->

2.35 2.40 2.45 2.50 2.55

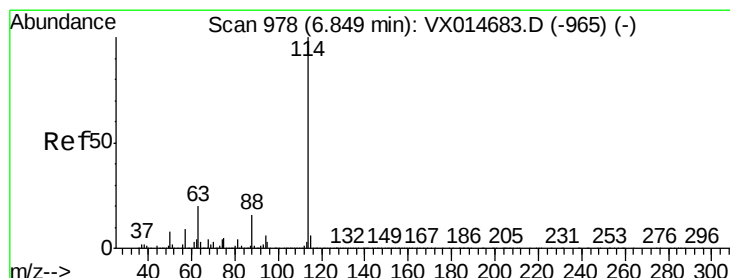
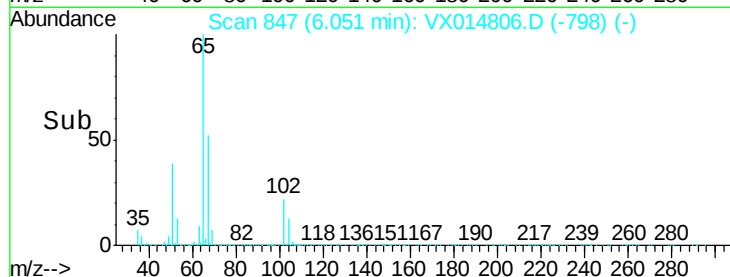
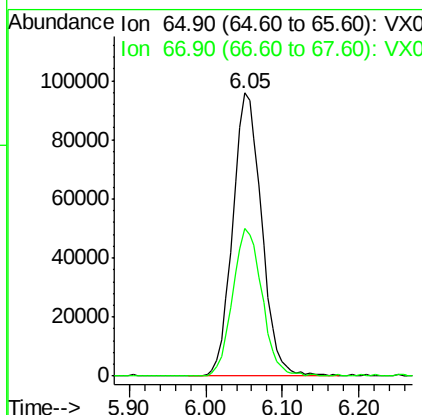
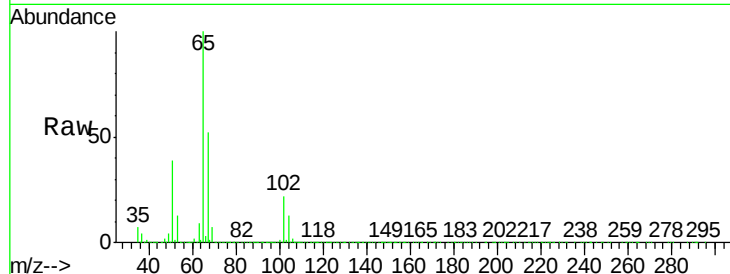




#33
 1,2-Dichloroethane-d4
 Concen: 49.831 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014806.D
 Acq: 04 Feb 2020 14:02

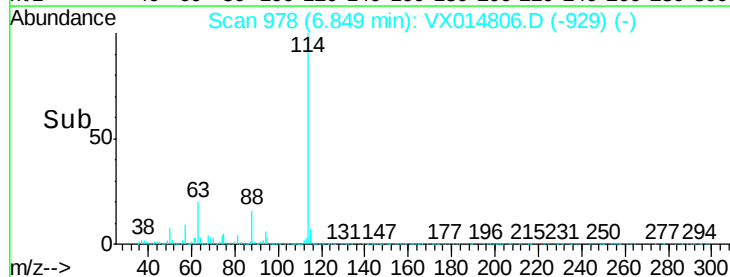
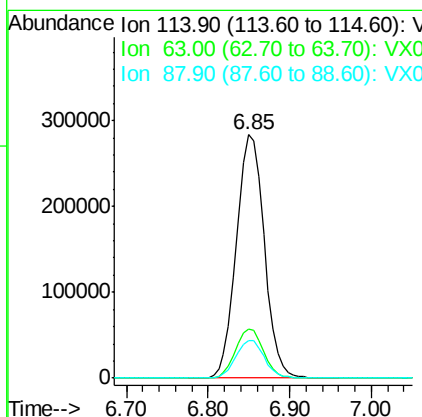
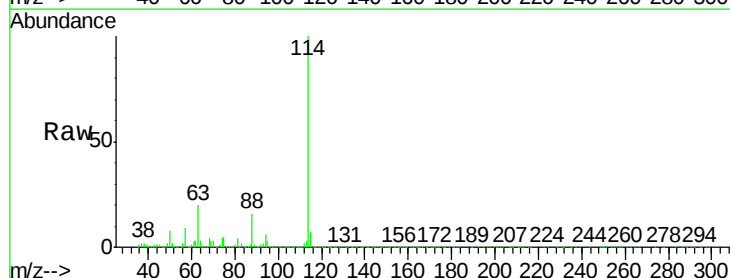
Instrument :
 MSVOA_X
 ClientSampleId :
 TOTE-COMP

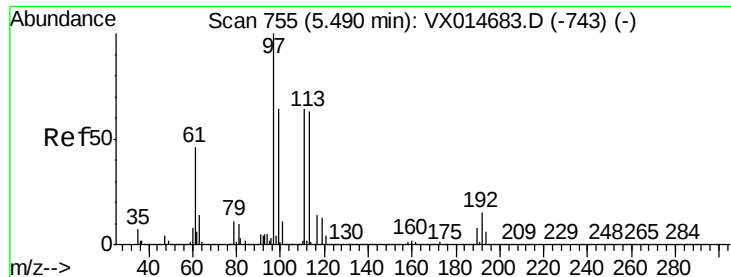
Tot Ion: 65 Resp: 248945
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014806.D
 Acq: 04 Feb 2020 14:02

Tgt Ion: 114 Resp: 672436
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.6
 88 15.6 0.0 31.2

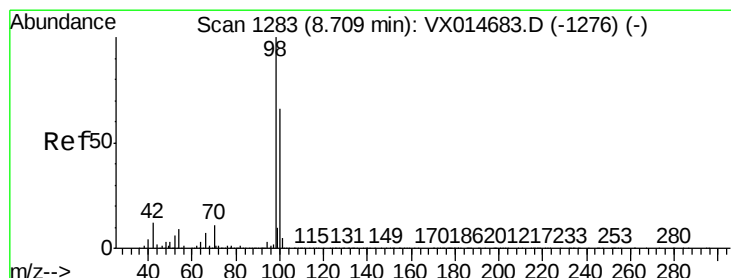
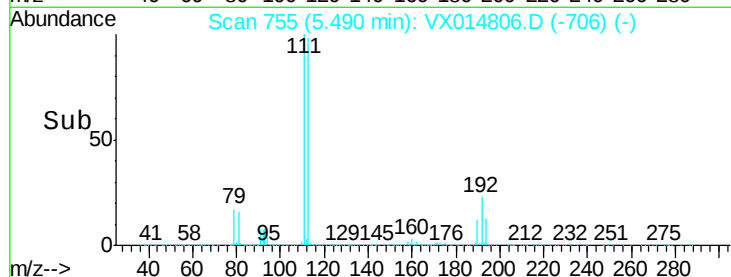
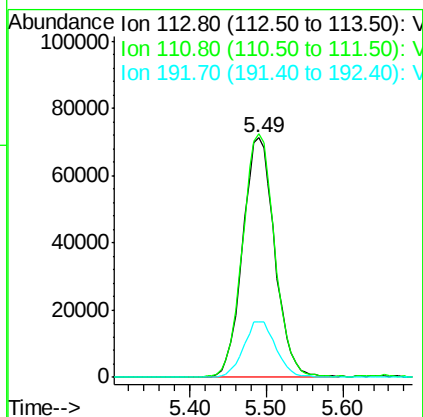
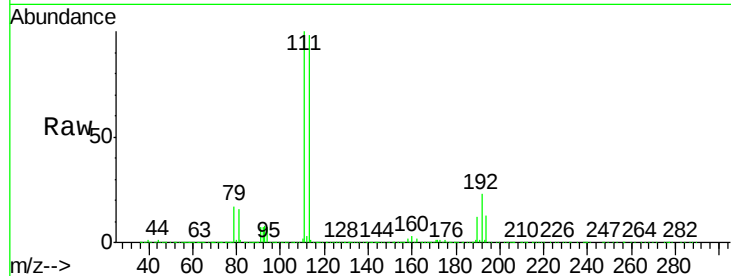




#35
 Dibromofluoromethane
 Concen: 49.039 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014806.D
 Acq: 04 Feb 2020 14:02

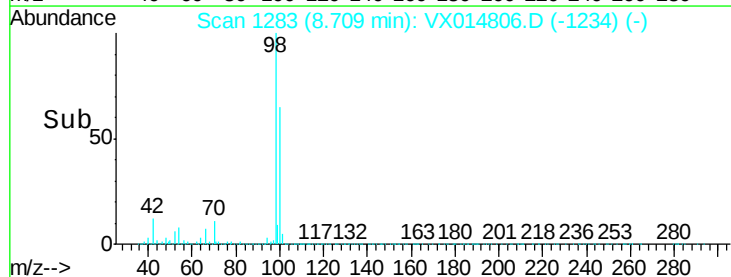
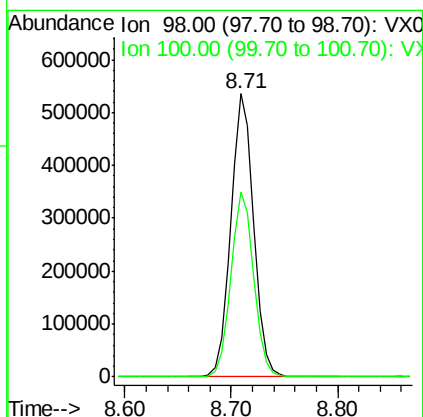
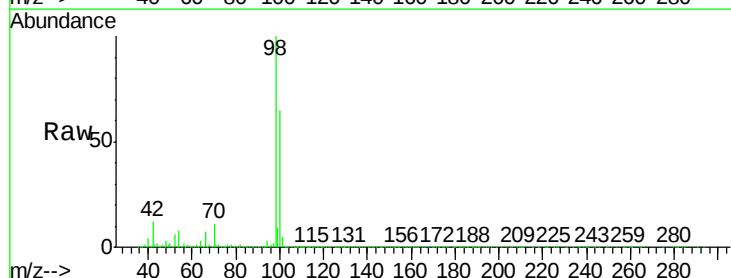
Instrument :
 MSVOA_X
 ClientSampleId :
 TOTE-COMP

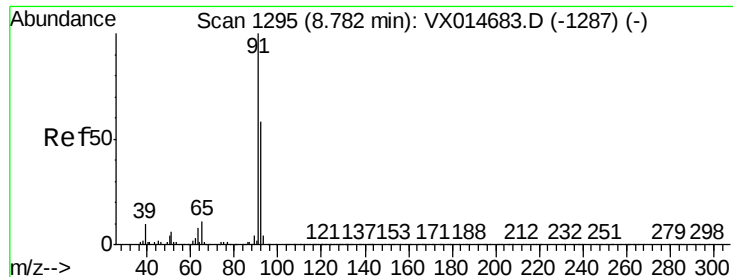
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	80.7	121.1
192	23.3	18.5	27.7



#50
 Toluene-d8
 Concen: 49.268 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX014806.D
 Acq: 04 Feb 2020 14:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.0	79.6





#52

Toluene

Concen: 0.566 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014806.D

Acq: 04 Feb 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

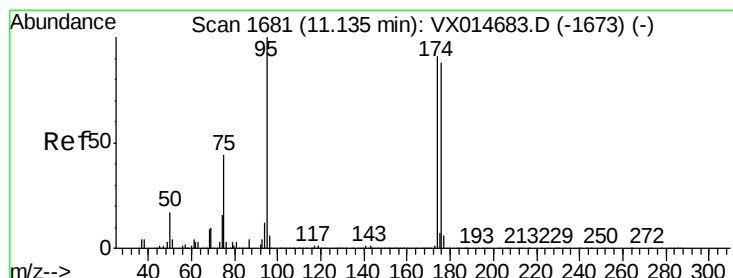
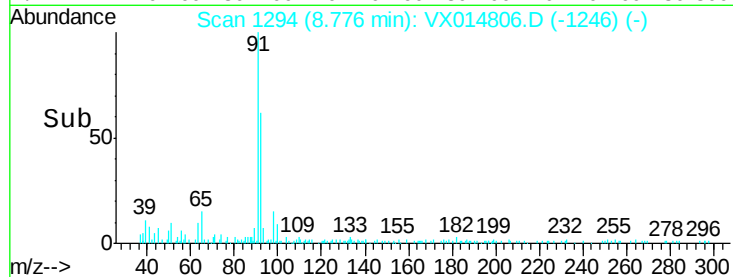
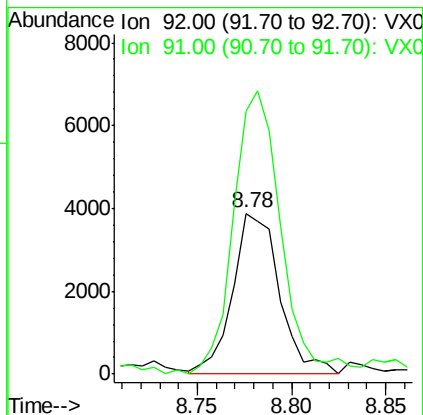
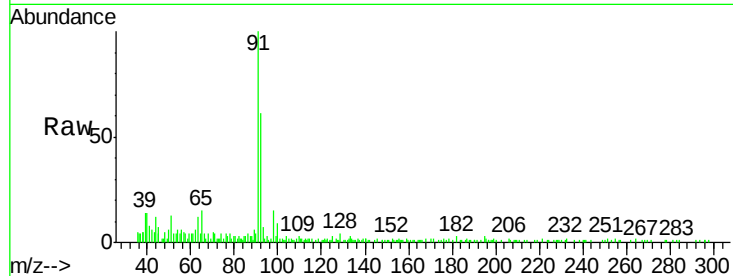
TOTE-COMP

Tot Ion: 92 Resp: 6722

Ion Ratio Lower Upper

92 100

91 177.8 135.9 203.9



#62

4-Bromofluorobenzene

Concen: 48.666 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014806.D

Acq: 04 Feb 2020 14:02

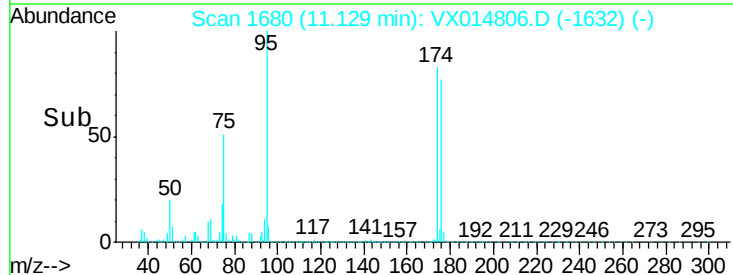
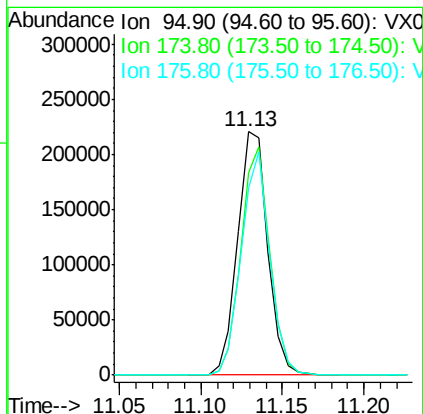
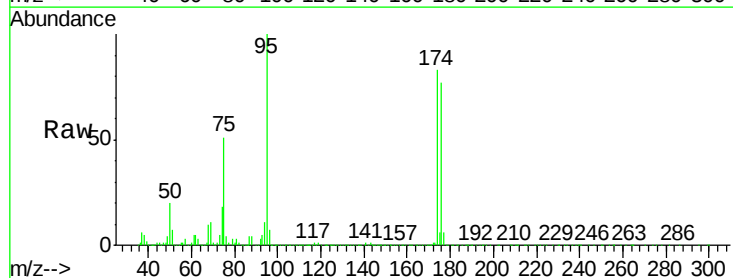
Tgt Ion: 95 Resp: 282780

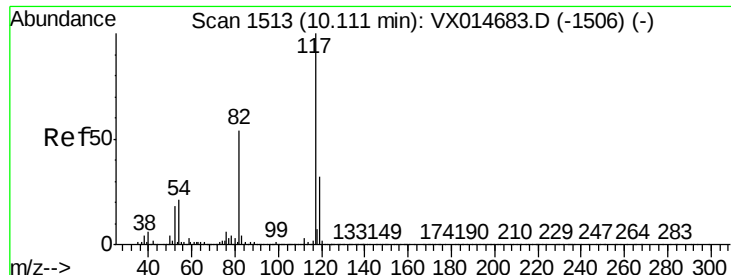
Ion Ratio Lower Upper

95 100

174 90.7 0.0 176.0

176 87.4 0.0 172.2

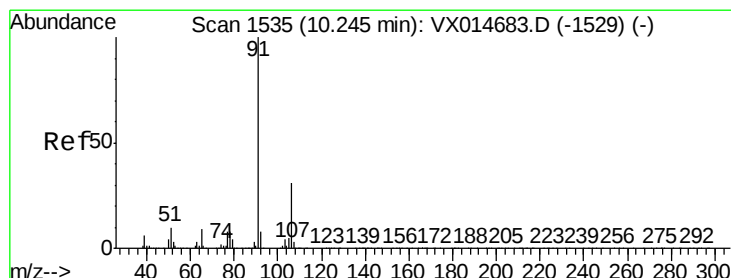
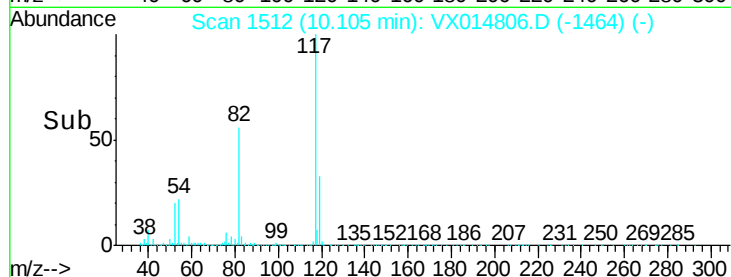
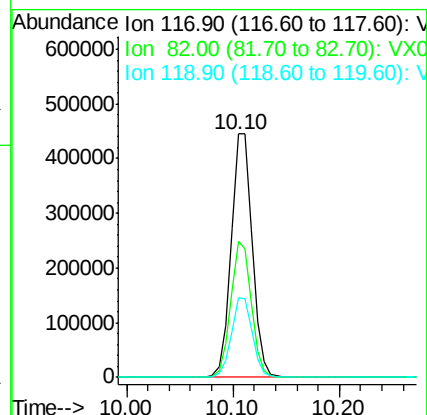
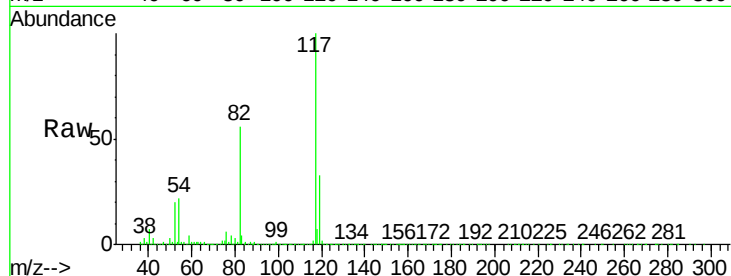




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014806.D
Acq: 04 Feb 2020 14:02

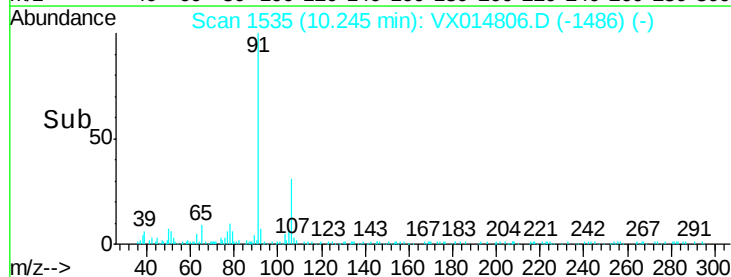
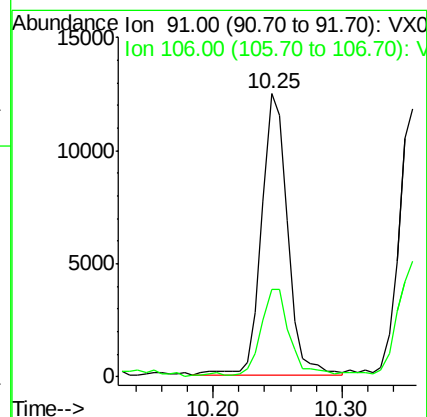
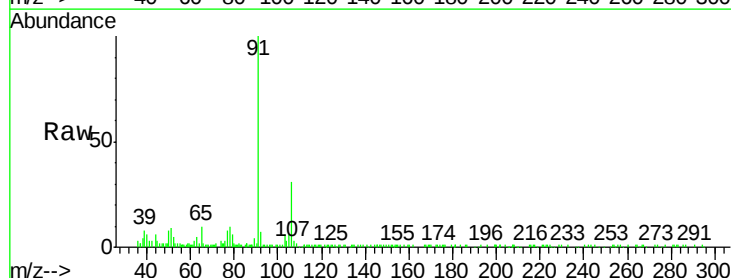
Instrument :
MSVOA_X
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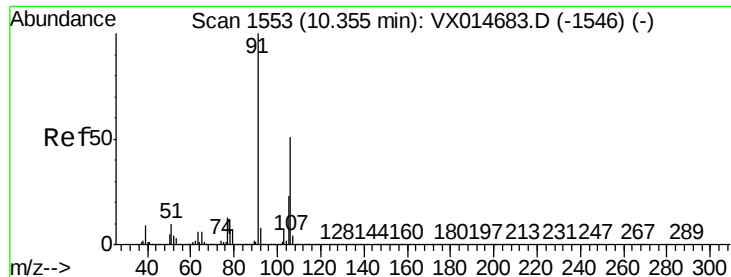
Tot Ion:117 Resp: 619940
Ion Ratio Lower Upper
117 100
82 56.1 43.2 64.8
119 33.0 25.8 38.6



#67
Ethyl Benzene
Concen: 0.767 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014806.D
Acq: 04 Feb 2020 14:02

Tgt Ion: 91 Resp: 17356
Ion Ratio Lower Upper
91 100
106 30.2 24.9 37.3





#68

m/p-Xylenes

Concen: 0.838 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014806.D

Acq: 04 Feb 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

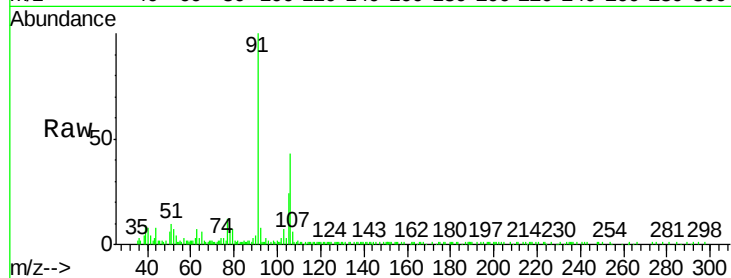
TOTE-COMP

Tot Ion:106 Resp: 7192

Ion Ratio Lower Upper

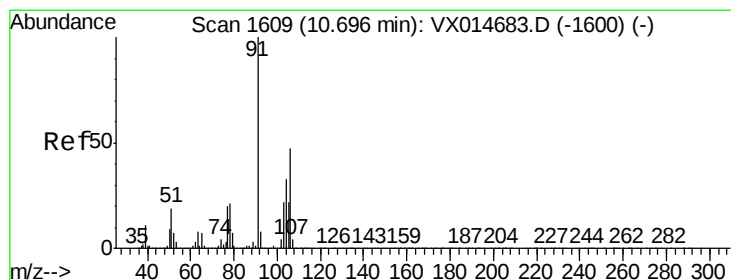
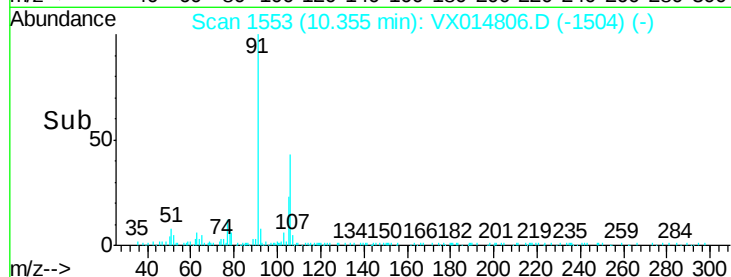
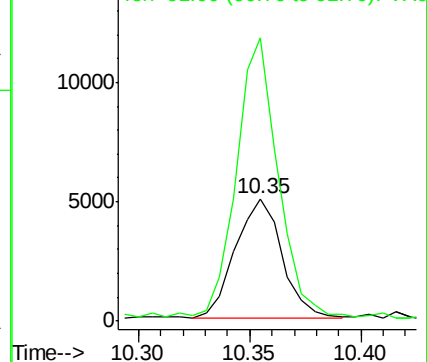
106 100

91 212.0 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.729 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX014806.D

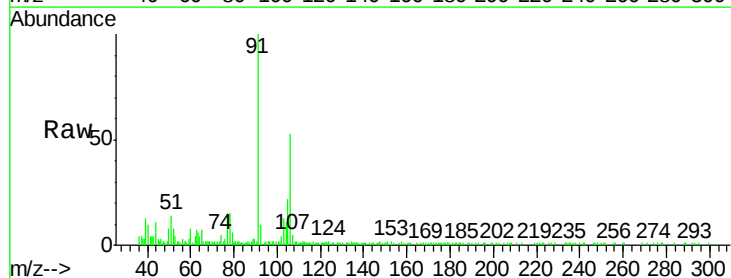
Acq: 04 Feb 2020 14:02

Tgt Ion:106 Resp: 6040

Ion Ratio Lower Upper

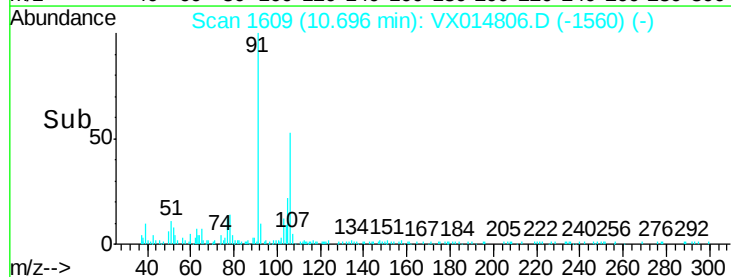
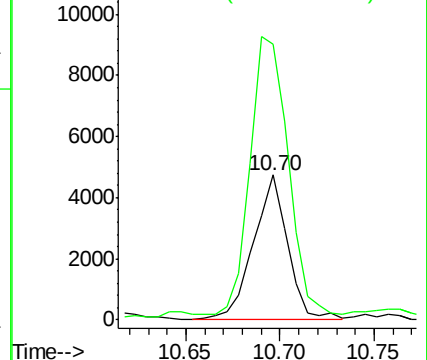
106 100

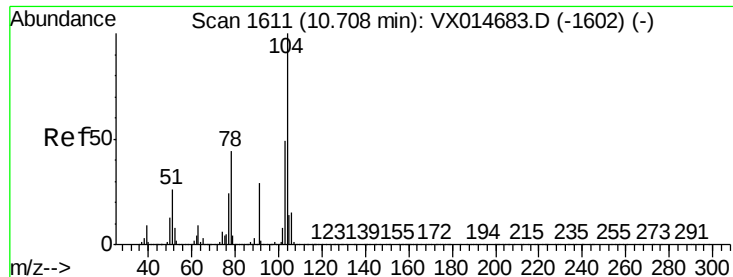
91 208.7 106.2 318.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

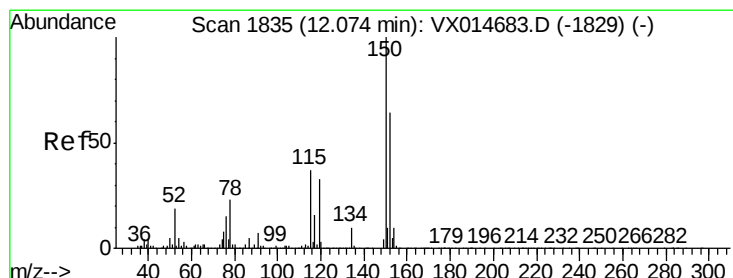
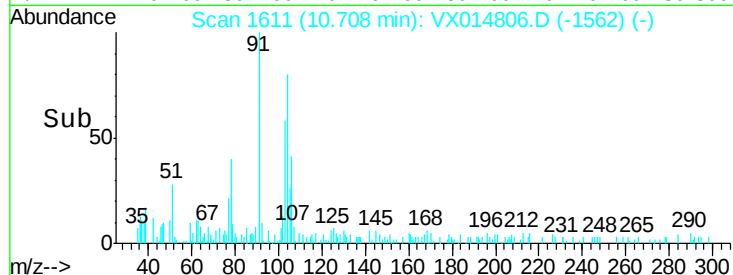
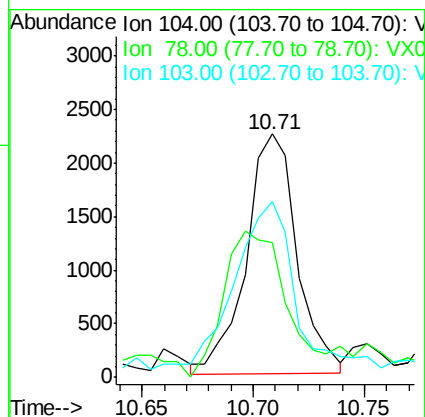
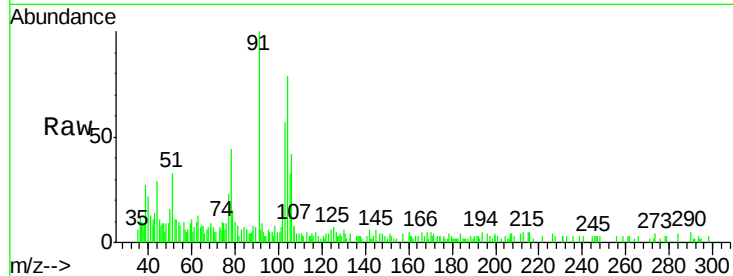




#70
Stvrene
Concen: 0.257 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014806.D
Acq: 04 Feb 2020 14:02

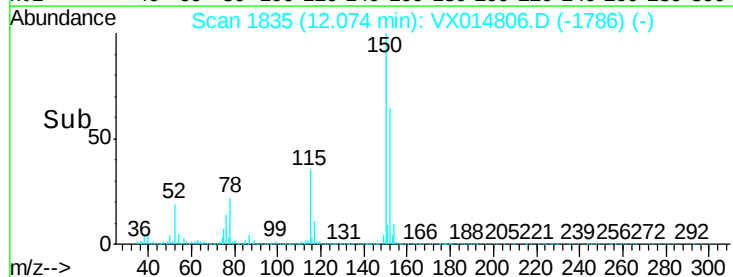
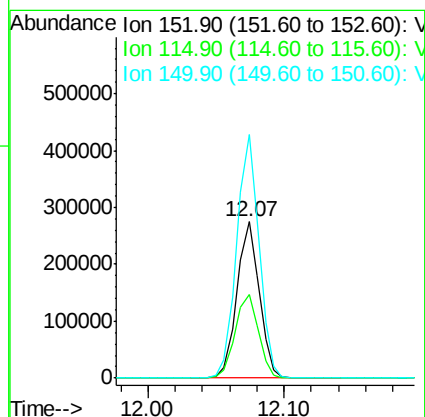
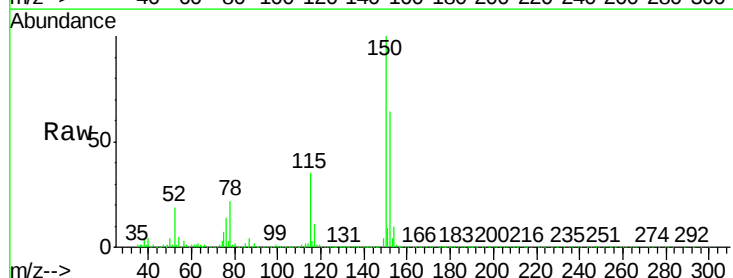
Instrument :
MSVOA_X
ClientSampleId :
TOTE-COMP

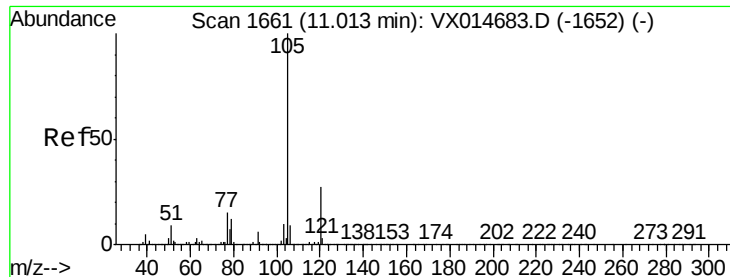
Tot Ion:104 Resp: 3574
Ion Ratio Lower Upper
104 100
78 74.9 39.3 58.9#
103 81.4 43.5 65.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014806.D
Acq: 04 Feb 2020 14:02

Tgt Ion:152 Resp: 314184
Ion Ratio Lower Upper
152 100
115 56.3 39.4 118.1
150 156.1 0.0 351.2





#73

Isopropylbenzene

Concen: 0.479 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014806.D

Acq: 04 Feb 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

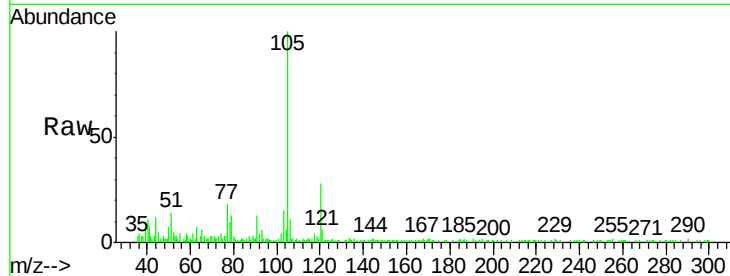
TOTE-COMP

Tot Ion:105 Resp: 10578

Ion Ratio Lower Upper

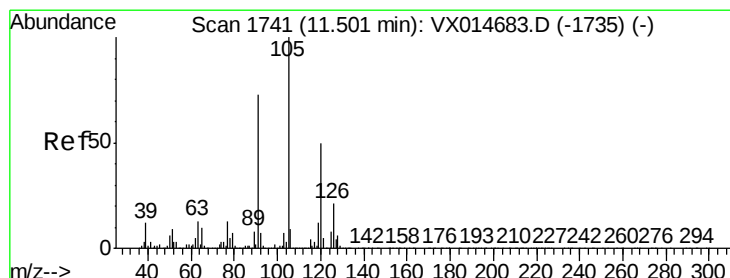
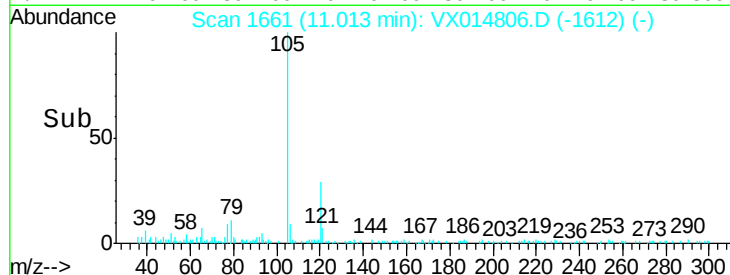
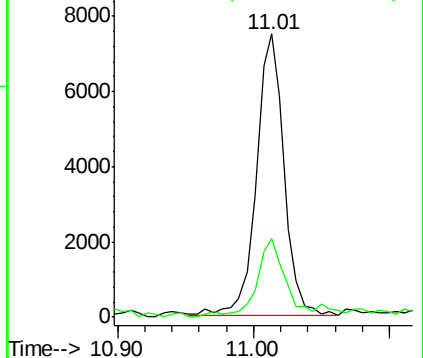
105 100

120 25.7 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 0.374 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014806.D

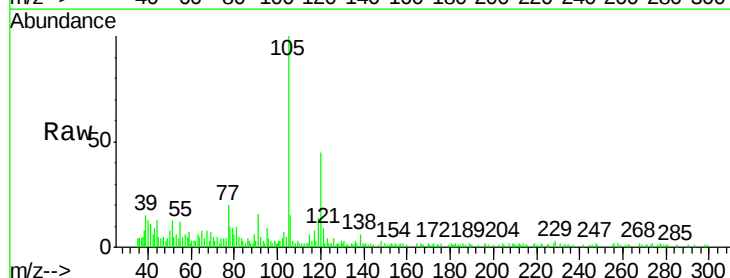
Acq: 04 Feb 2020 14:02

Tgt Ion:105 Resp: 6858

Ion Ratio Lower Upper

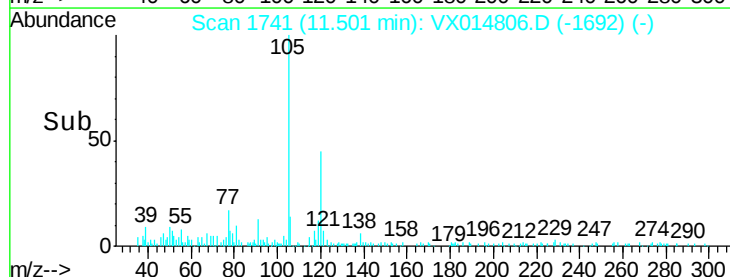
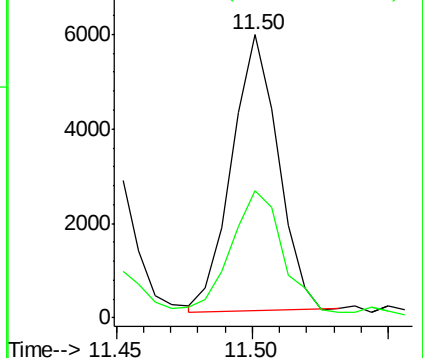
105 100

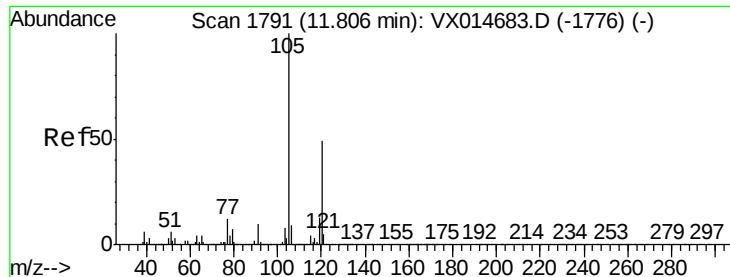
120 50.3 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

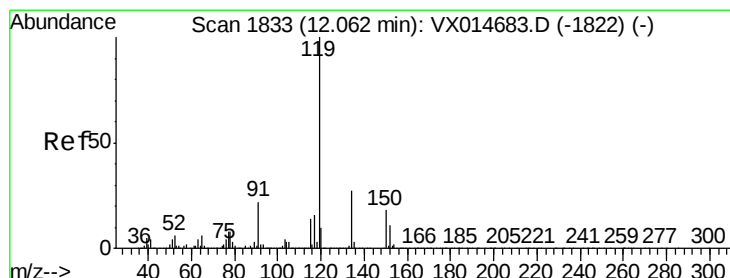
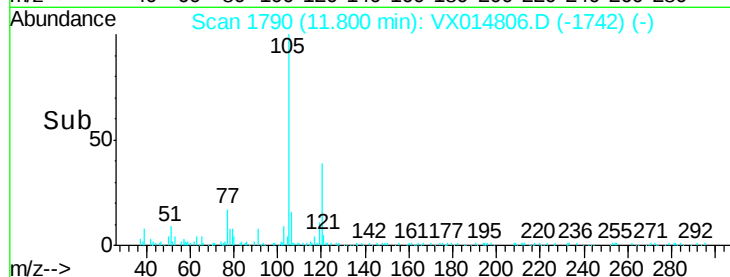
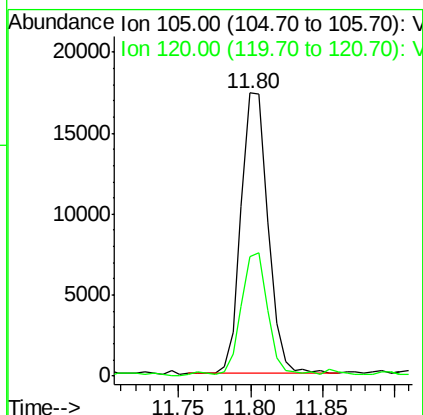
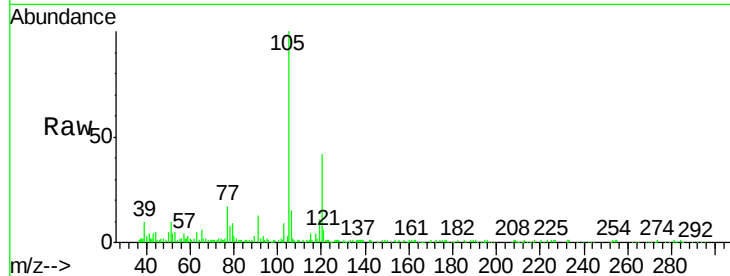




#84
 1,2,4-Trimethylbenzene
 Concen: 1.224 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX014806.D
 Acq: 04 Feb 2020 14:02

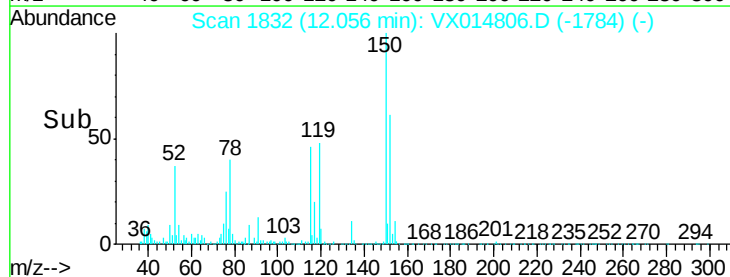
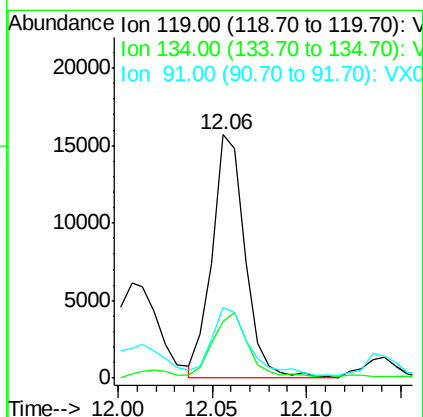
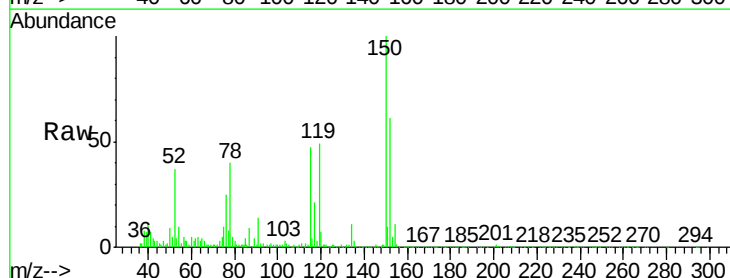
Instrument :
 MSVOA_X
 ClientSampleId :
 TOTE-COMP

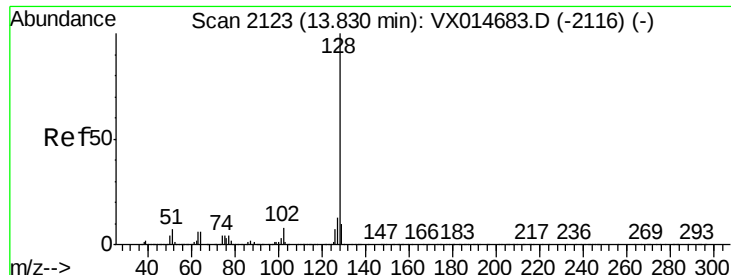
Tot Ion:105 Resp: 22508
 Ion Ratio Lower Upper
 105 100
 120 42.0 23.4 70.0



#86
 p-Isopropyltoluene
 Concen: 0.985 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014806.D
 Acq: 04 Feb 2020 14:02

Tgt Ion:119 Resp: 19205
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.5 40.4
 91 31.2 11.3 33.8





#95

Naphthalene

Concen: 652.752 ug/l

RT: 13.82 min Scan# 2122

Delta R.T. -0.01 min

Lab File: VX014806.D

Acq: 04 Feb 2020 14:02

Instrument :

MSVOA_X

ClientSampleId :

TOTE-COMP

Tot Ion:128 Resp:14628044

Ion Ratio Lower Upper

128 100

127 19.5 10.3 15.5#

129 17.2 8.6 12.8#

