

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040620\
 Data File : VX015513.D
 Acq On : 06 Apr 2020 15:26
 Operator : JC/SP
 Sample : L2097-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-2

Quant Time: Apr 07 06:53:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1097790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1741188	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1719783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	960548	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	718260	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	
35) Dibromofluoromethane	5.47	113	546538	49.10	ug/l	0.00
Spiked Amount			Recovery	=	98.20%	
50) Toluene-d8	8.70	98	2114330	51.60	ug/l	0.00
Spiked Amount			Recovery	=	103.20%	
62) 4-Bromofluorobenzene	11.12	95	947959	56.92	ug/l	0.00
Spiked Amount			Recovery	=	113.84%	

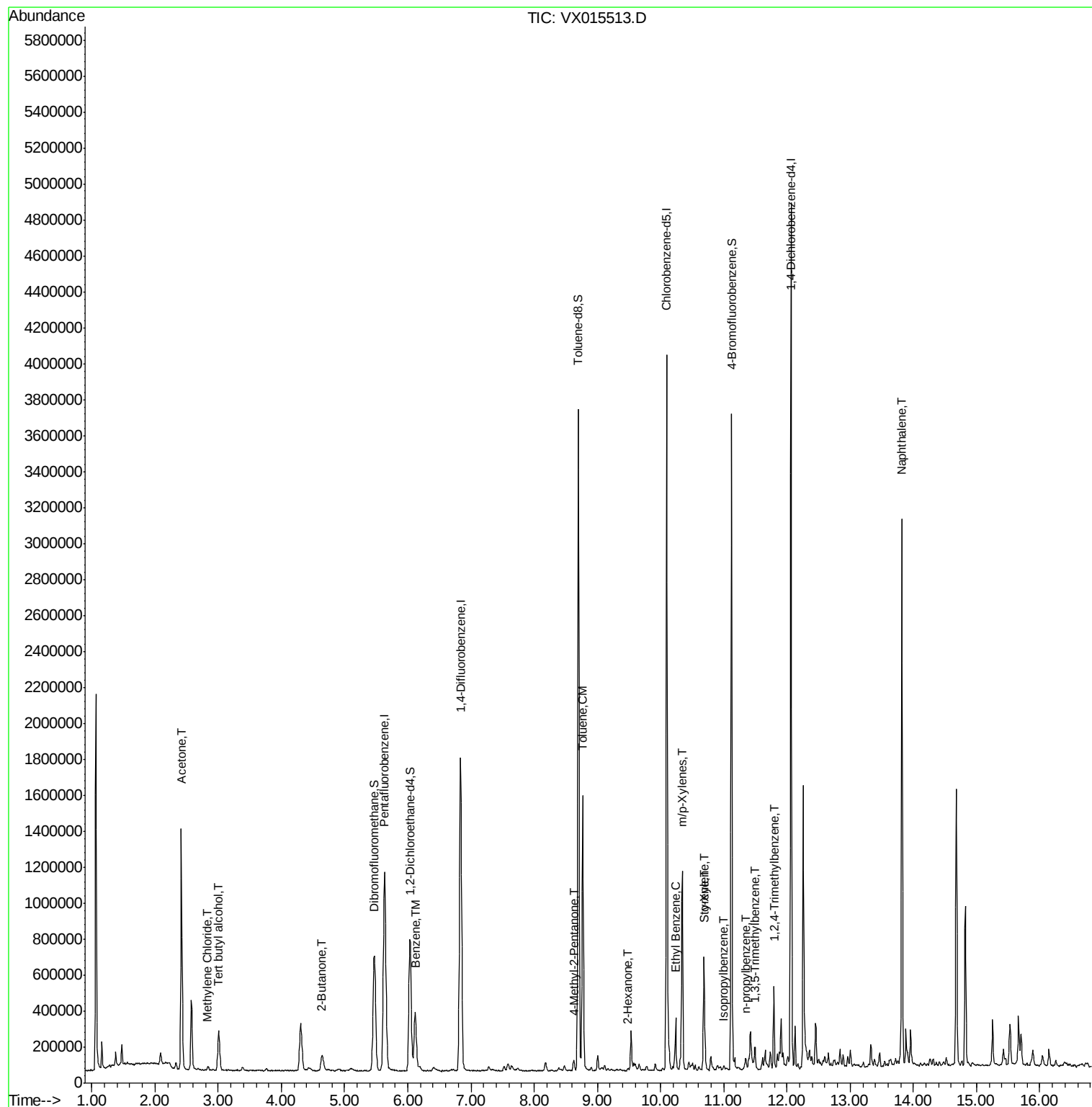
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.01	59	282423	76.207	ug/l	99
16) Acetone	2.42	43	1386634	208.457	ug/l	100
20) Methylene Chloride	2.83	84	8999	0.724	ug/l #	96
25) 2-Butanone	4.64	43	159716	14.930	ug/l	100
40) Benzene	6.12	78	387093	8.237	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	23602	1.181	ug/l	99
52) Toluene	8.77	92	576642	19.902	ug/l	99
59) 2-Hexanone	9.48	43	6152	0.408	ug/l	99
67) Ethyl Benzene	10.24	91	177748	2.922	ug/l	99
68) m/p-Xylenes	10.34	106	247690	10.935	ug/l	96
69) o-Xylene	10.68	106	121481	5.427	ug/l	98
70) Styrene	10.70	104	87020	2.209	ug/l #	86
73) Isopropylbenzene	11.00	105	13369	0.212	ug/l	89
78) n-propylbenzene	11.34	91	28860	0.401	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	55710	1.036	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	188645	3.444	ug/l	95
95) Naphthalene	13.82	128	1673843	23.587	ug/l	99

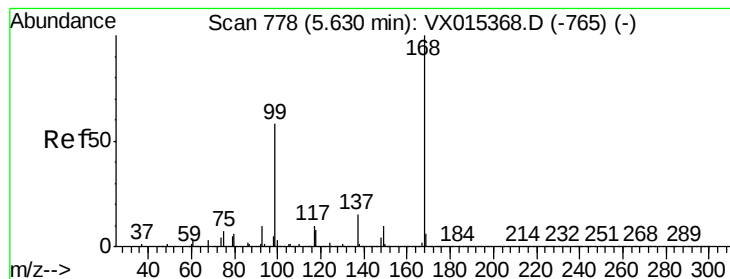
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040620\
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Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015513.D

Acq: 06 Apr 2020 15:26

Instrument :

MSVOA_X

ClientSampleId :

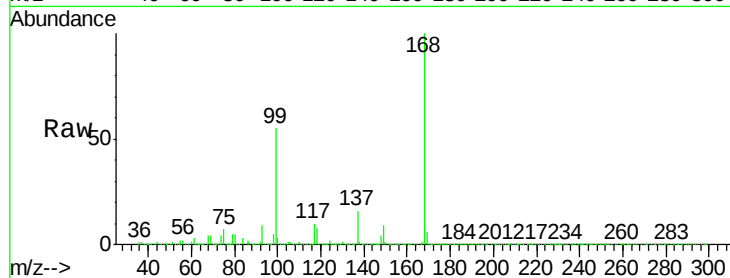
COMP-2

Tot Ion:168 Resp: 1097790

Ion Ratio Lower Upper

168 100

99 54.4 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

300000

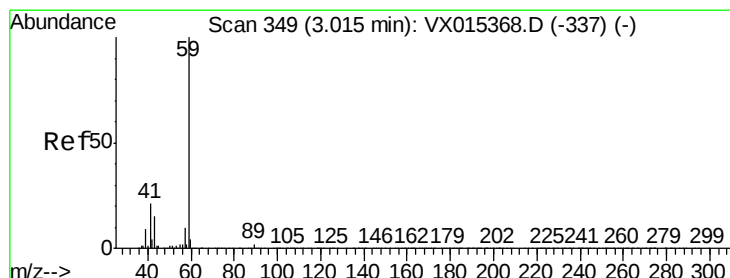
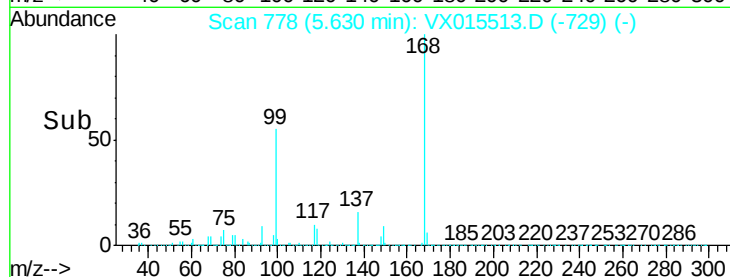
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#11

Tert butyl alcohol

Concen: 76.207 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.01 min

Lab File: VX015513.D

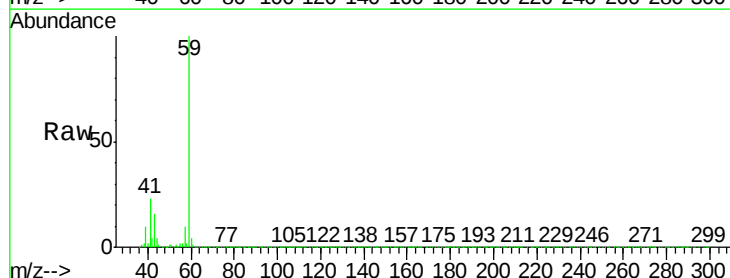
Acq: 06 Apr 2020 15:26

Tgt Ion: 59 Resp: 282423

Ion Ratio Lower Upper

59 100

57 10.4 8.1 12.1



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

150000

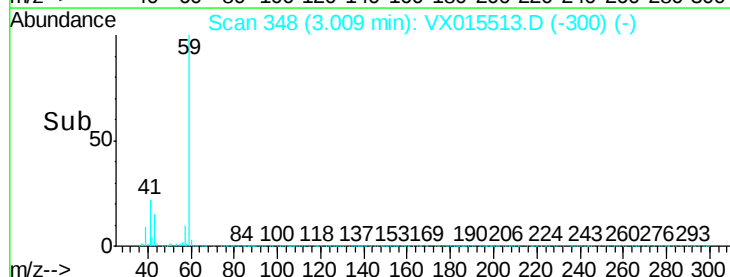
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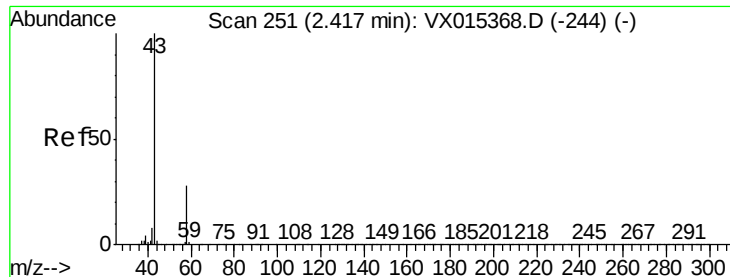
50000

0

2.90 3.00 3.10

Time-->

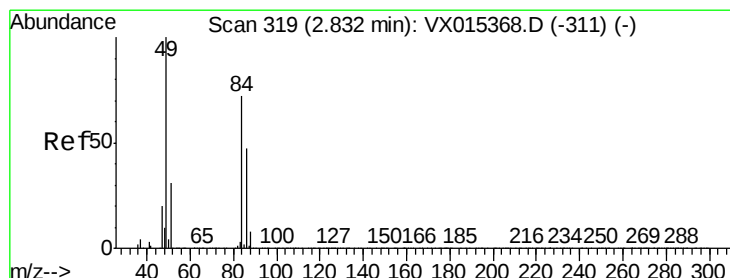
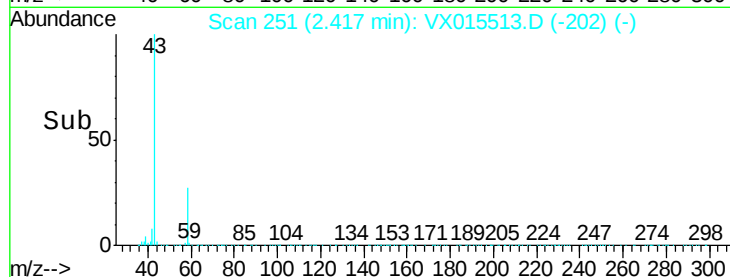
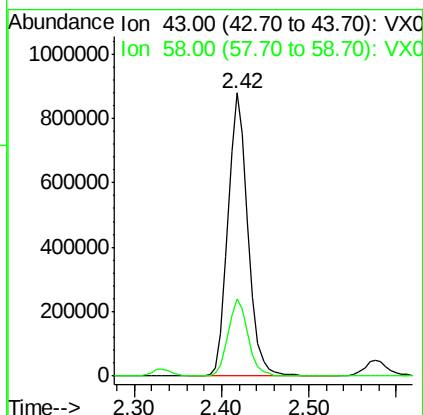
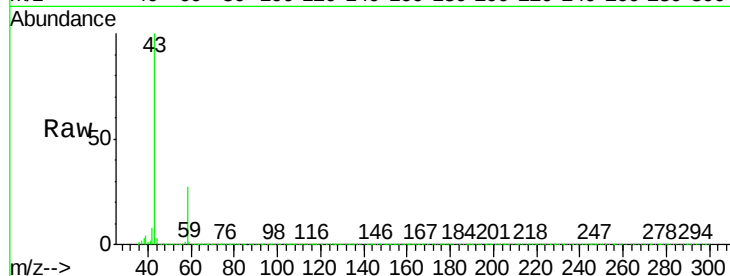




#16
Acetone
Concen: 208.457 ug/l
RT: 2.42 min Scan# 251
Delta R.T. 0.00 min
Lab File: VX015513.D
Acq: 06 Apr 2020 15:26

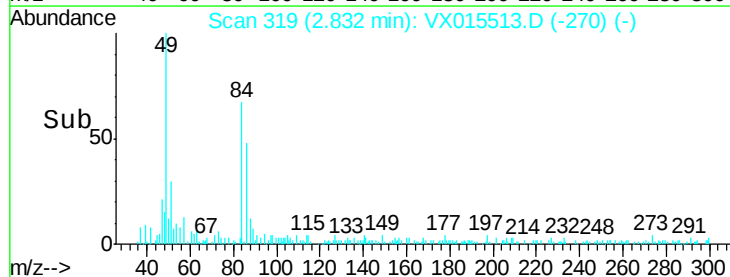
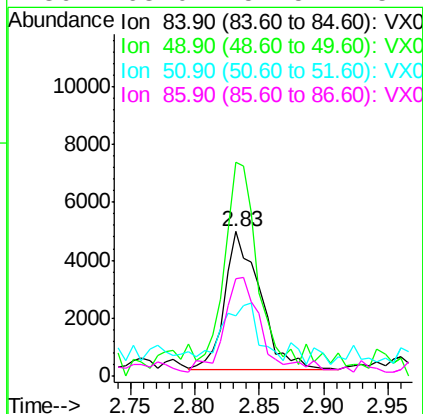
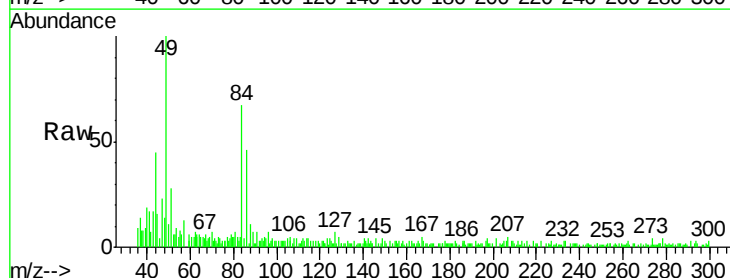
Instrument :
MSVOA_X
ClientSampleId :
COMP-2

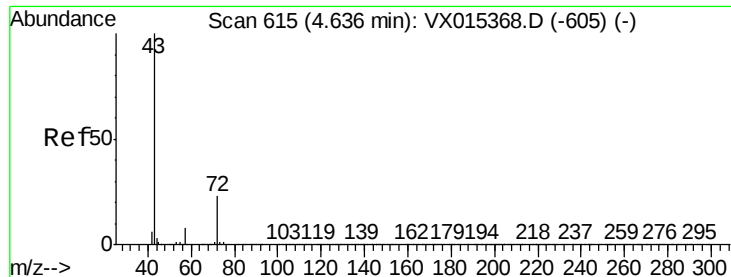
Tot Ion: 43 Resp: 1386634
Ion Ratio Lower Upper
43 100
58 27.4 22.1 33.1



#20
Methylene Chloride
Concen: 0.724 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.00 min
Lab File: VX015513.D
Acq: 06 Apr 2020 15:26

Tgt Ion: 84 Resp: 8999
Ion Ratio Lower Upper
84 100
49 138.5 111.3 166.9
51 30.1 34.0 51.0#
86 68.0 52.5 78.7

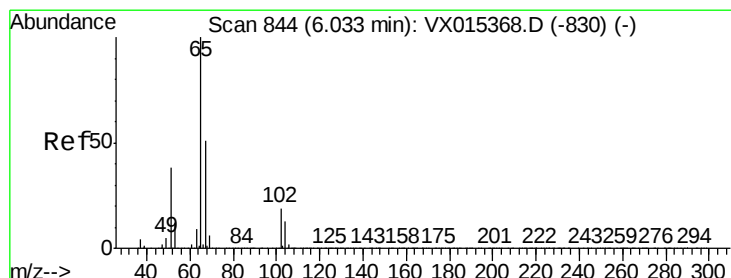
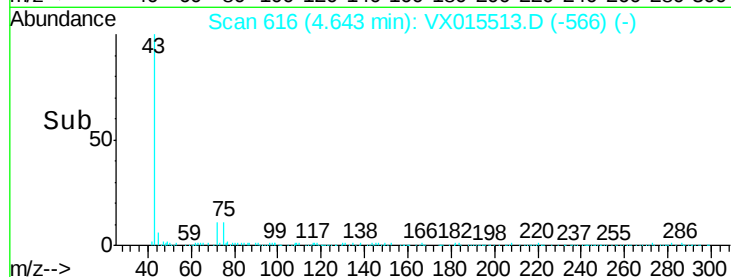
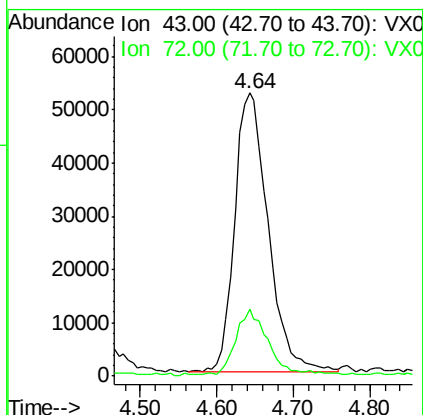
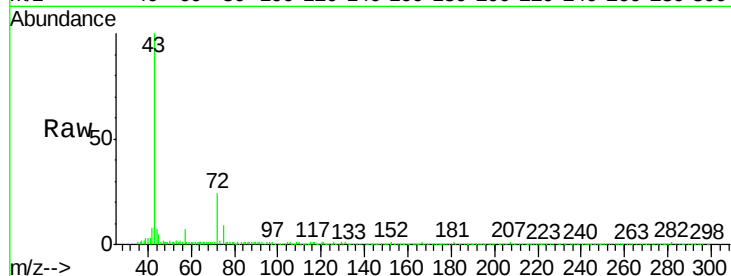




#25
2-Butanone
Concen: 14.930 ug/l
RT: 4.64 min Scan# 616
Delta R.T. 0.01 min
Lab File: VX015513.D
Acq: 06 Apr 2020 15:26

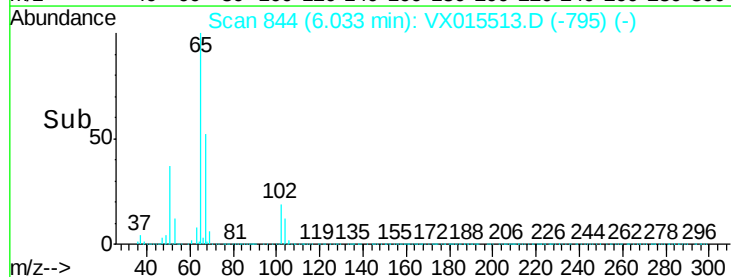
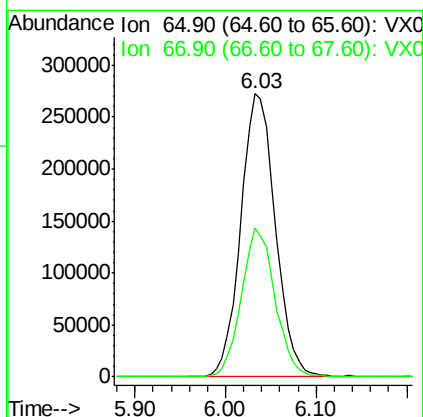
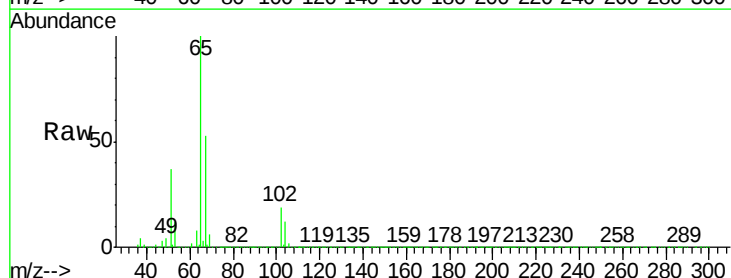
Instrument :
MSVOA_X
ClientSampled :
COMP-2

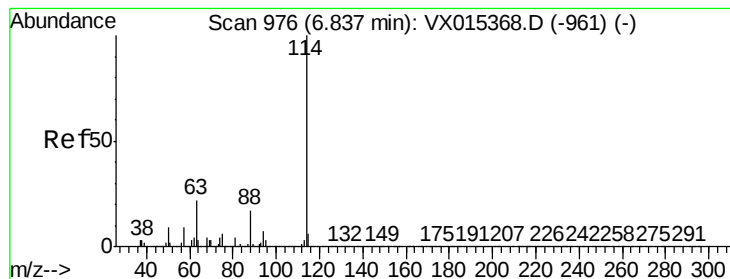
Tot Ion: 43 Resp: 159716
Ion Ratio Lower Upper
43 100
72 23.5 19.0 28.4



#33
1,2-Dichloroethane-d4
Concen: 46.390 ug/l
RT: 6.03 min Scan# 844
Delta R.T. 0.00 min
Lab File: VX015513.D
Acq: 06 Apr 2020 15:26

Tgt Ion: 65 Resp: 718260
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015513.D

Acq: 06 Apr 2020 15:26

Instrument :

MSVOA_X

ClientSampleId :

COMP-2

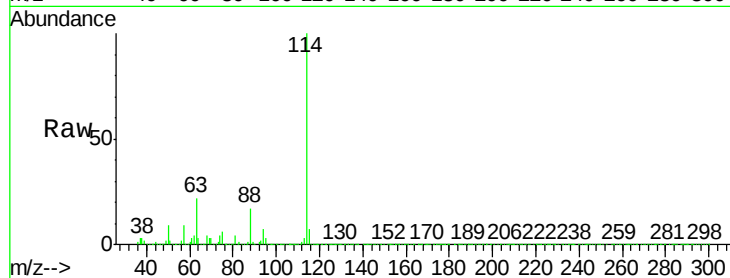
Tot Ion:114 Resp: 1741188

Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.2

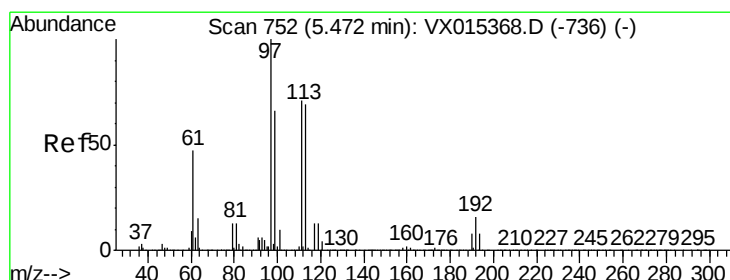
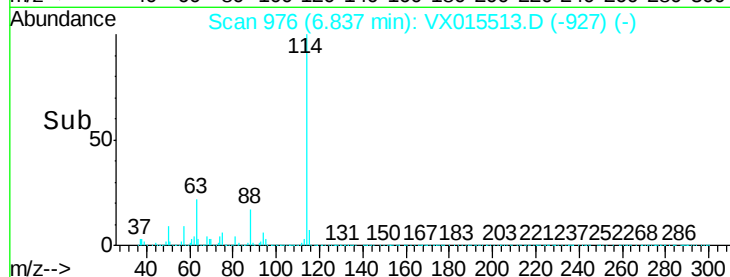
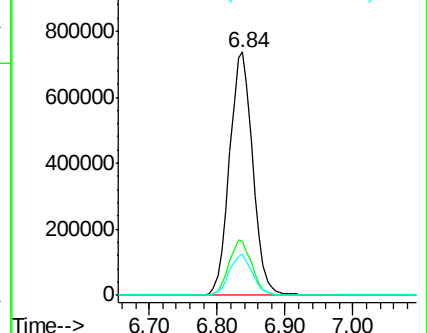
88 16.8 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.104 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015513.D

Acq: 06 Apr 2020 15:26

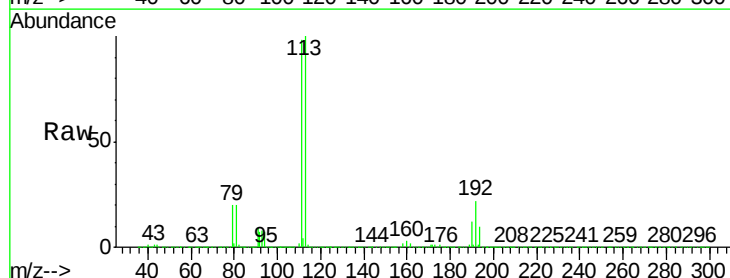
Tgt Ion:113 Resp: 546538

Ion Ratio Lower Upper

113 100

111 102.9 81.5 122.3

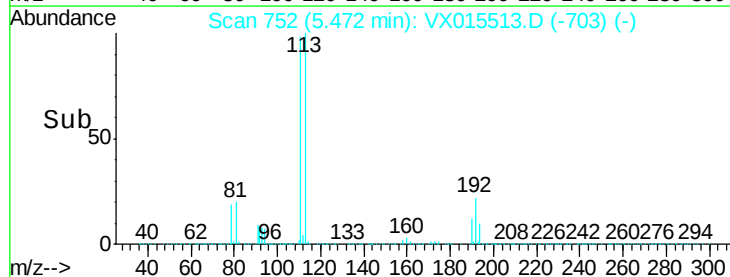
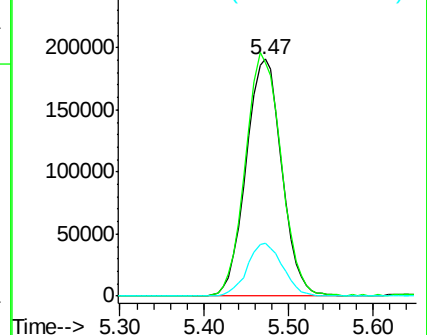
192 21.9 17.8 26.6

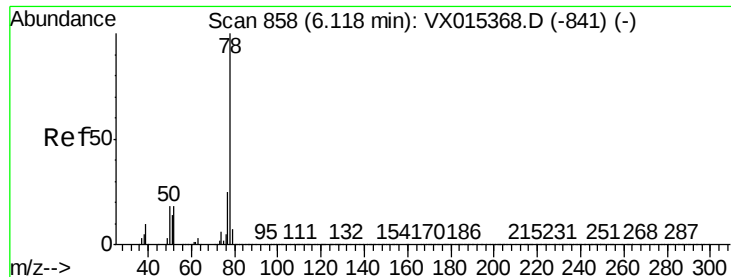


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 8.237 ug/l

RT: 6.12 min Scan# 858

Delta R.T. 0.00 min

Lab File: VX015513.D

Acq: 06 Apr 2020 15:26

Instrument :

MSVOA_X

ClientSampleId :

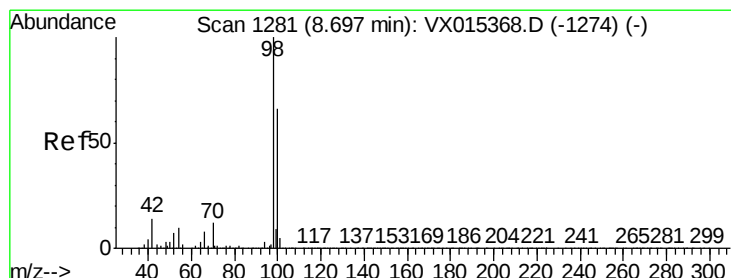
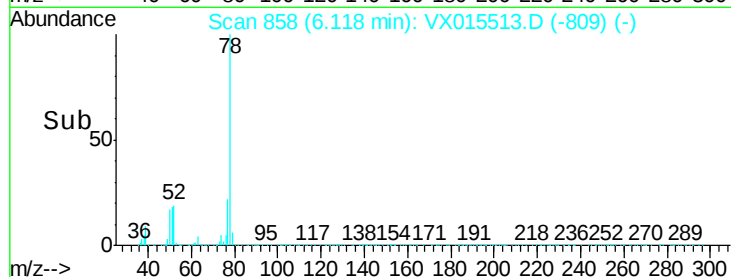
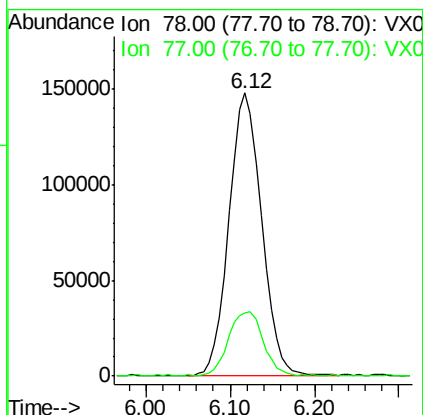
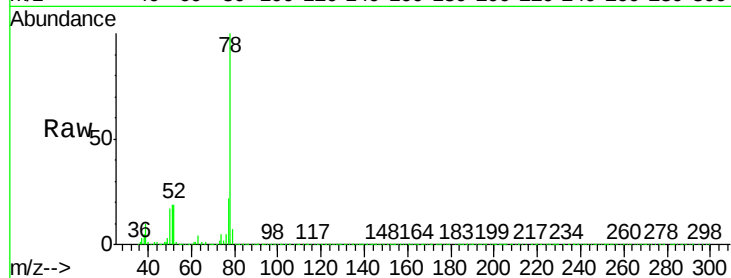
COMP-2

Tot Ion: 78 Resp: 387093

Ion Ratio Lower Upper

78 100

77 22.1 19.8 29.8



#50

Toluene-d8

Concen: 51.596 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015513.D

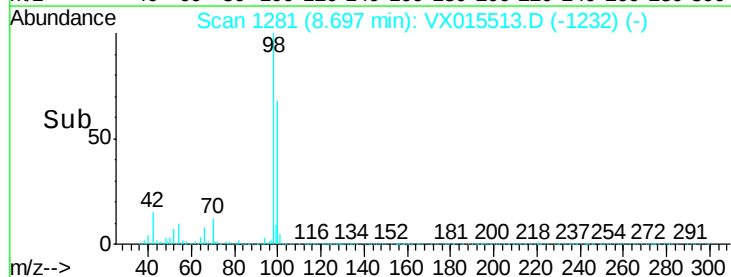
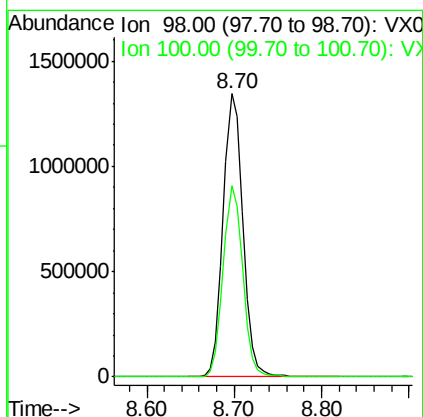
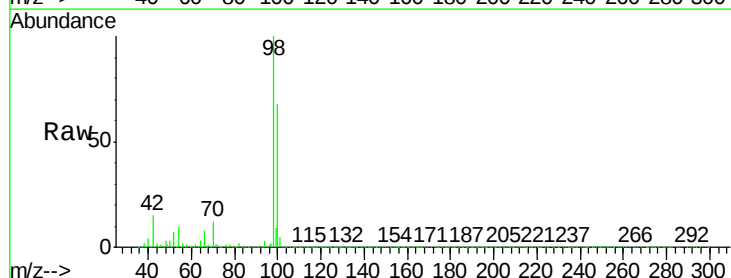
Acq: 06 Apr 2020 15:26

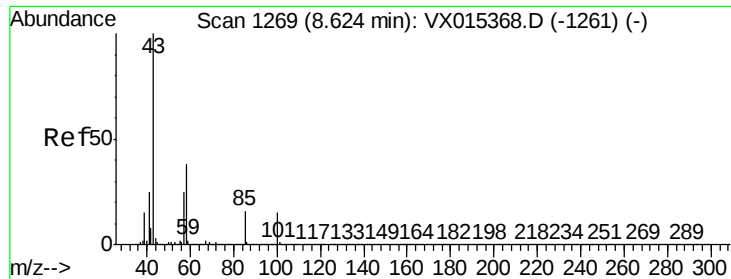
Tgt Ion: 98 Resp: 2114330

Ion Ratio Lower Upper

98 100

100 66.8 53.5 80.3

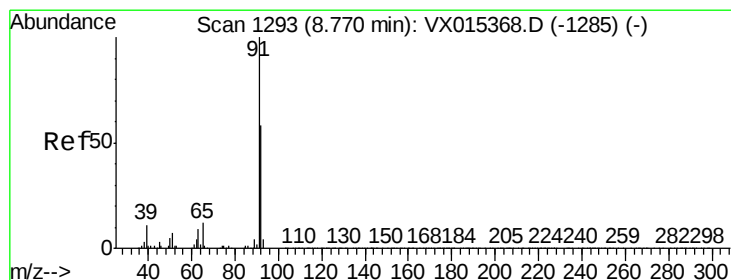
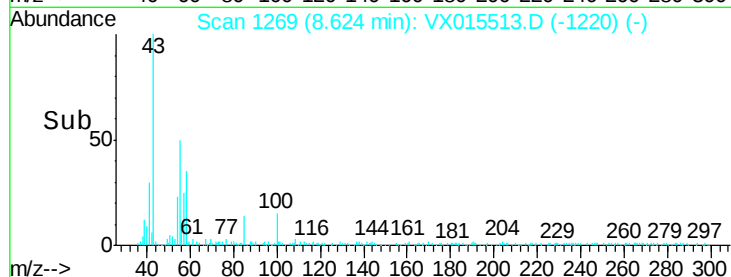
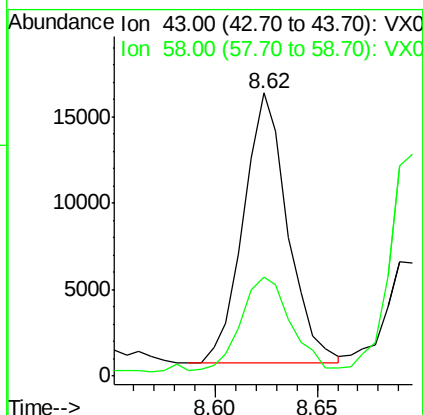
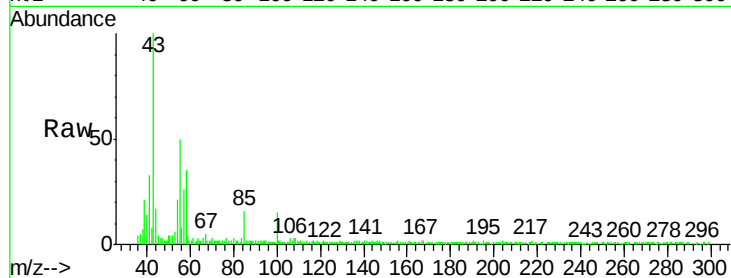




#51
4-Methyl-2-Pentanone
Concen: 1.181 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015513.D
Acq: 06 Apr 2020 15:26

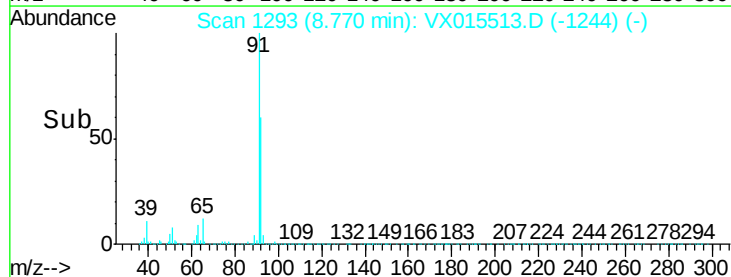
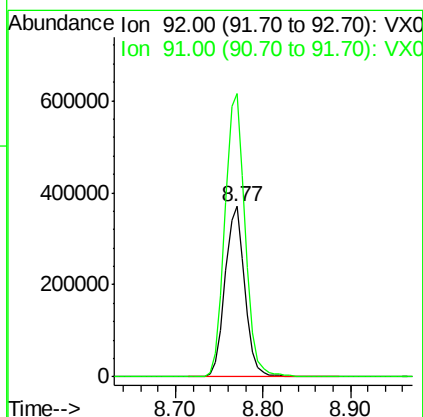
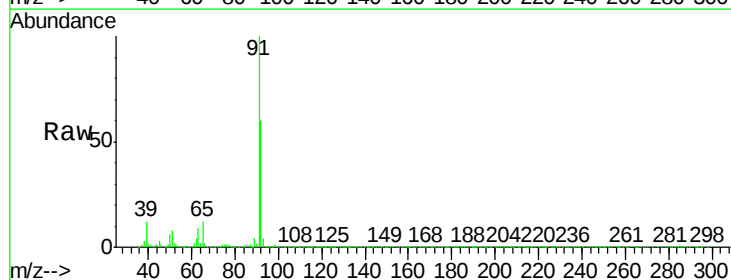
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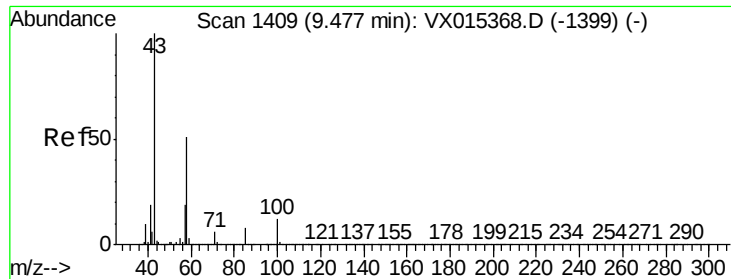
Tot Ion: 43 Resp: 23602
Ion Ratio Lower Upper
43 100
58 38.0 29.7 44.5



#52
Toluene
Concen: 19.902 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX015513.D
Acq: 06 Apr 2020 15:26

Tgt Ion: 92 Resp: 576642
Ion Ratio Lower Upper
92 100
91 169.2 136.6 205.0

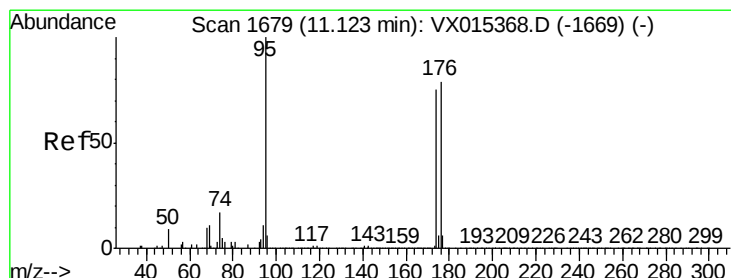
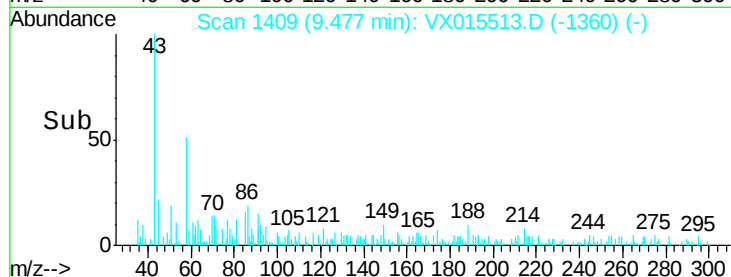
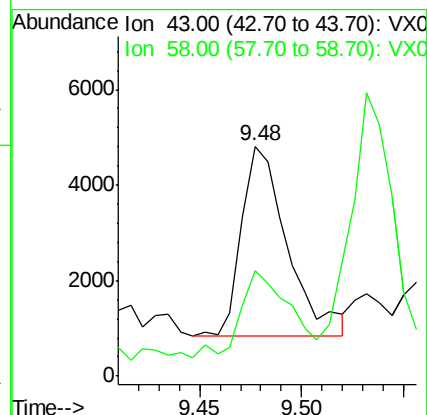
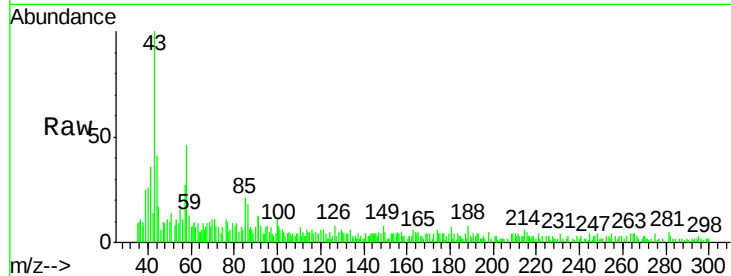




#59
2-Hexanone
Concen: 0.408 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015513.D
Acq: 06 Apr 2020 15:26

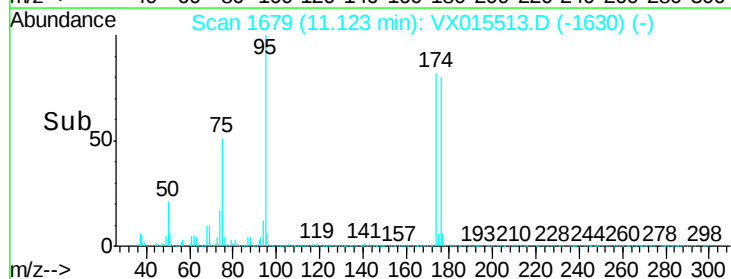
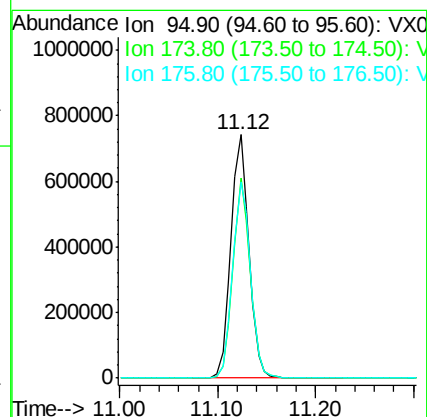
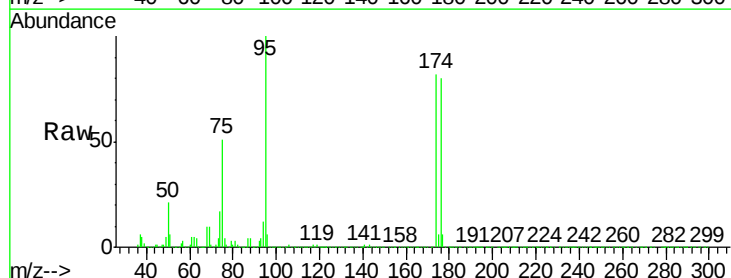
Instrument :
MSVOA_X
ClientSampleId :
COMP-2

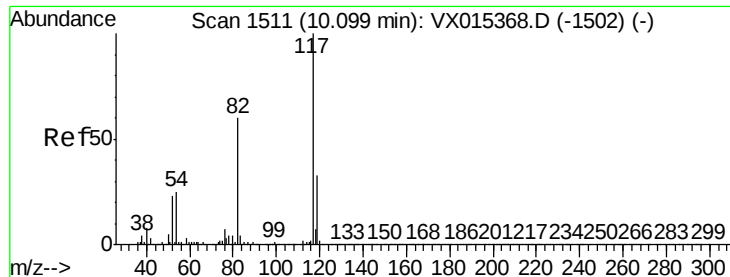
Tot Ion: 43 Resp: 6152
Ion Ratio Lower Upper
43 100
58 51.8 25.6 76.6



#62
4-Bromofluorobenzene
Concen: 56.922 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015513.D
Acq: 06 Apr 2020 15:26

Tgt Ion: 95 Resp: 947959
Ion Ratio Lower Upper
95 100
174 78.9 0.0 158.6
176 79.8 0.0 159.0

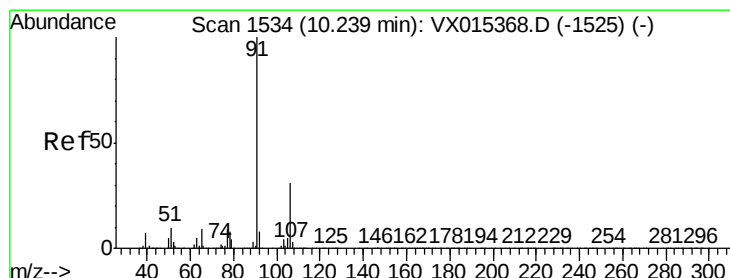
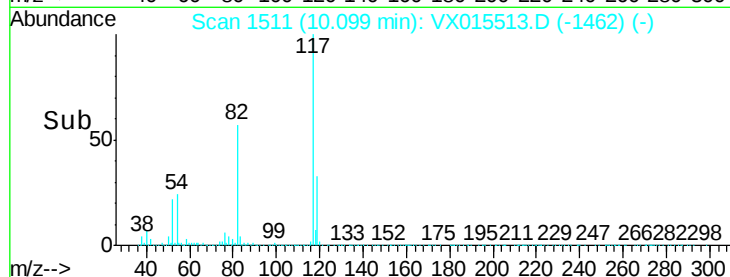
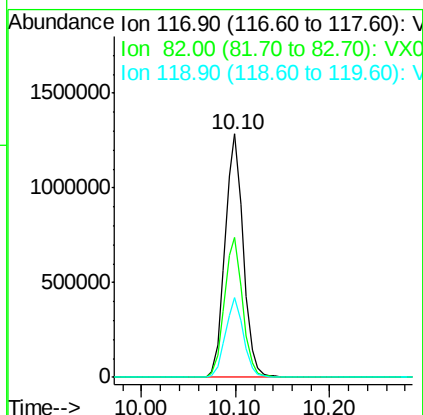
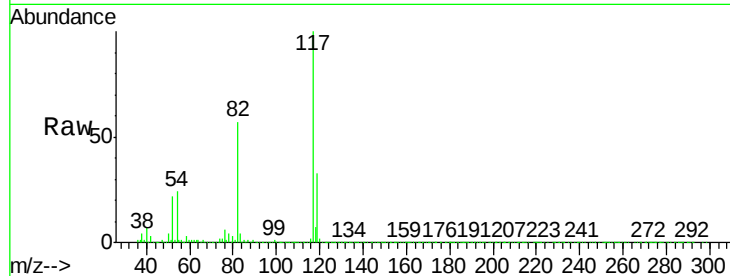




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015513.D
Acq: 06 Apr 2020 15:26

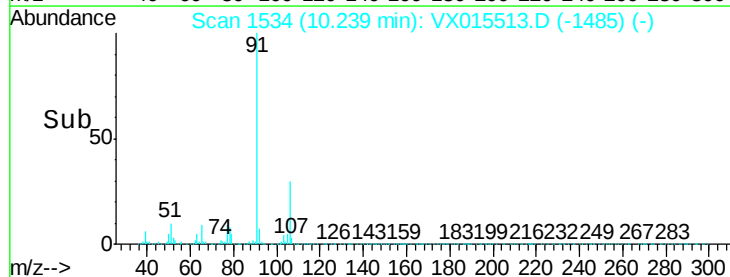
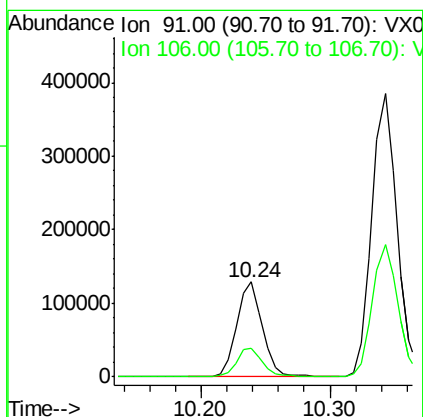
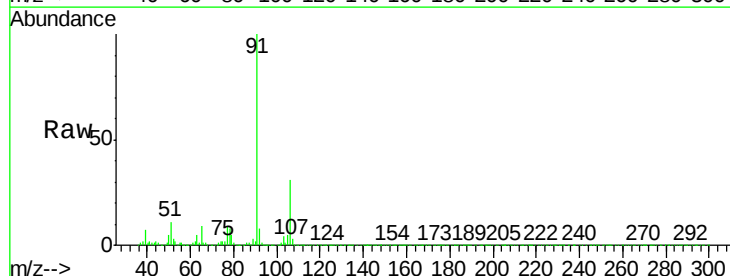
Instrument :
MSVOA_X
ClientSampleId :
COMP-2

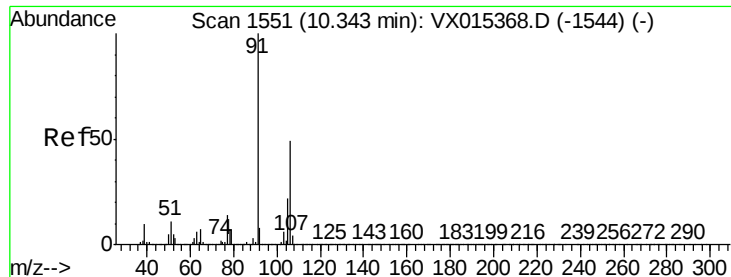
Tot Ion:117 Resp: 1719783
Ion Ratio Lower Upper
117 100
82 57.2 47.8 71.8
119 32.6 26.8 40.2



#67
Ethyl Benzene
Concen: 2.922 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015513.D
Acq: 06 Apr 2020 15:26

Tgt Ion: 91 Resp: 177748
Ion Ratio Lower Upper
91 100
106 30.5 24.8 37.2

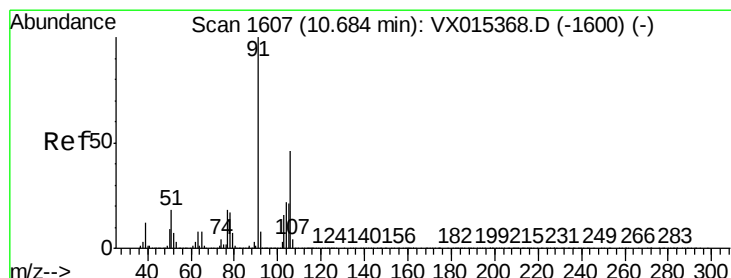
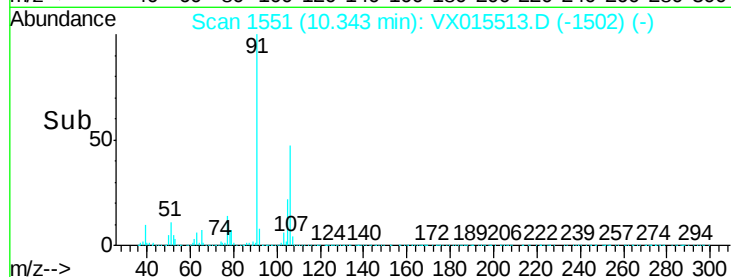
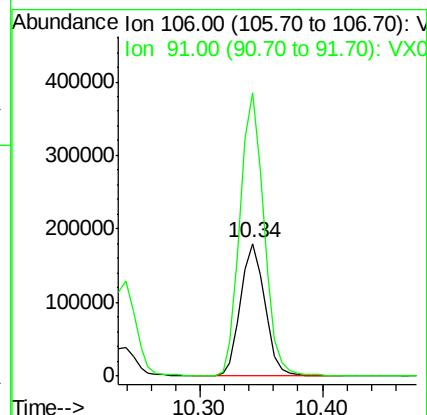
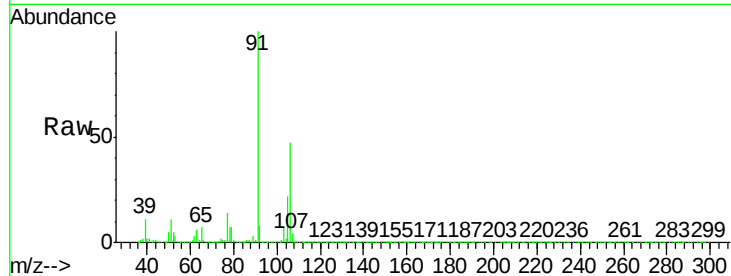




#68
m/p-Xylenes
Concen: 10.935 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015513.D
Acq: 06 Apr 2020 15:26

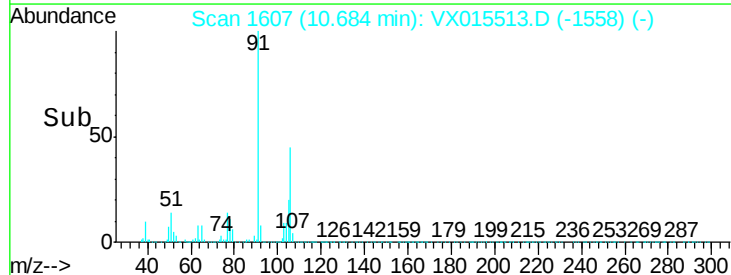
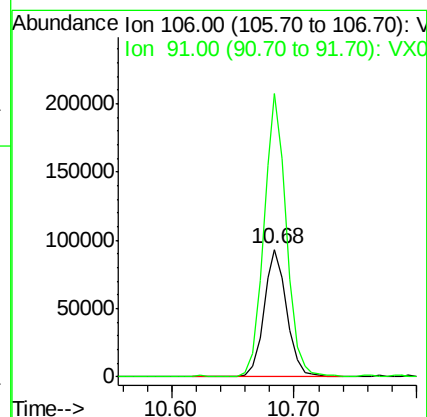
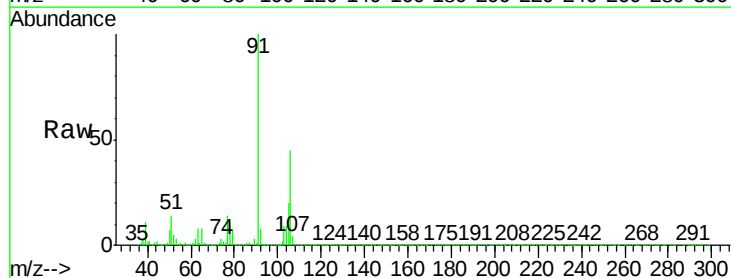
Instrument :
MSVOA_X
ClientSampleId :
COMP-2

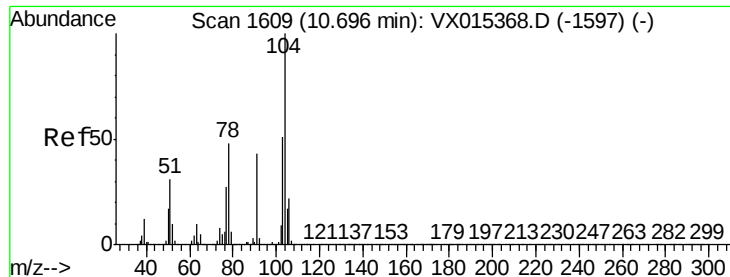
Tot Ion:106 Resp: 247690
Ion Ratio Lower Upper
106 100
91 210.0 163.4 245.0



#69
o-Xylene
Concen: 5.427 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015513.D
Acq: 06 Apr 2020 15:26

Tgt Ion:106 Resp: 121481
Ion Ratio Lower Upper
106 100
91 217.5 107.1 321.3

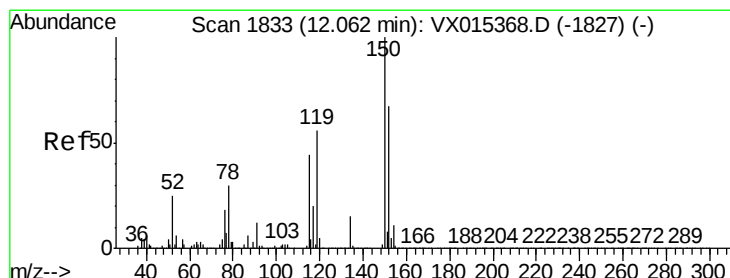
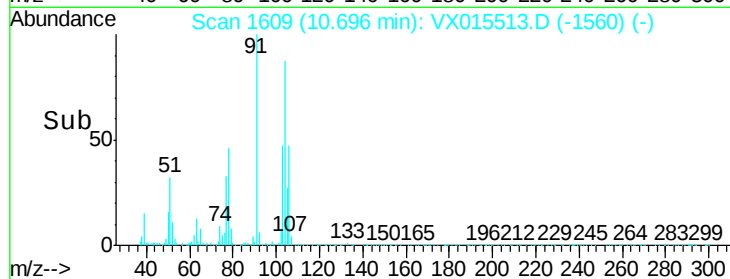
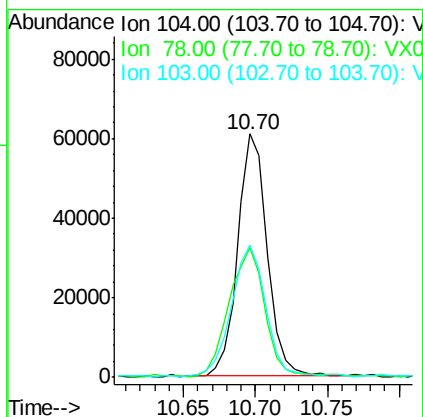
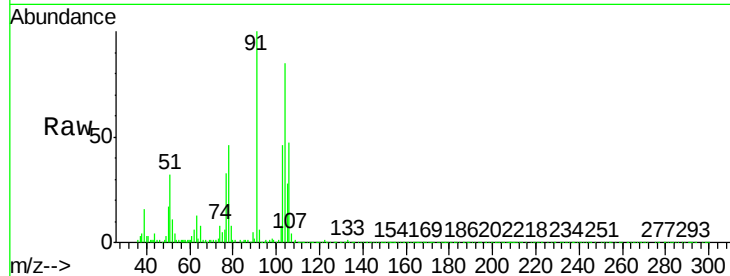




#70
Stvrene
Concen: 2.209 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015513.D
Acq: 06 Apr 2020 15:26

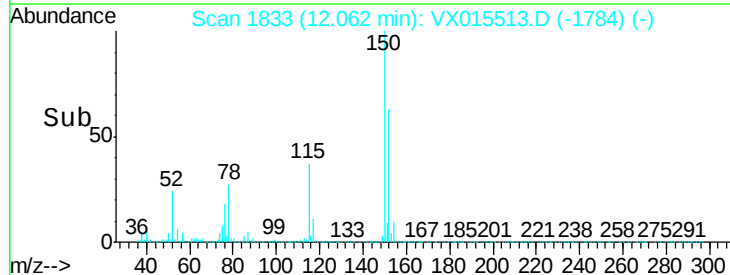
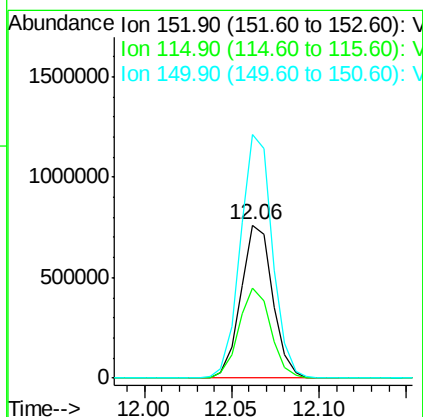
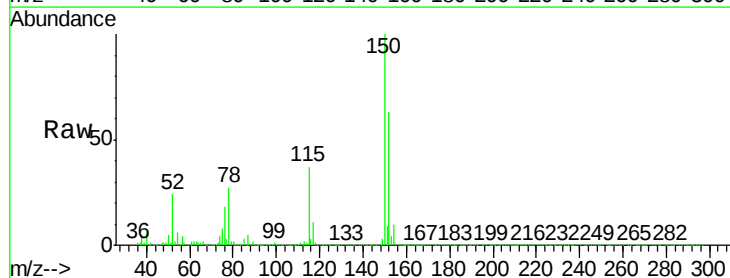
Instrument :
MSVOA_X
ClientSampleId :
COMP-2

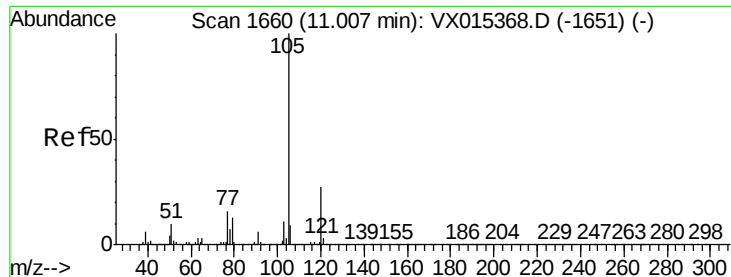
Tot Ion	Ratio	Lower	Upper
104	100		
78	63.7	42.0	63.0#
103	62.7	43.4	65.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015513.D
Acq: 06 Apr 2020 15:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	39.0	116.9
150	160.1	0.0	340.8





#73

Isopropylbenzene

Concen: 0.212 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015513.D

Acq: 06 Apr 2020 15:26

Instrument :

MSVOA_X

ClientSampled :

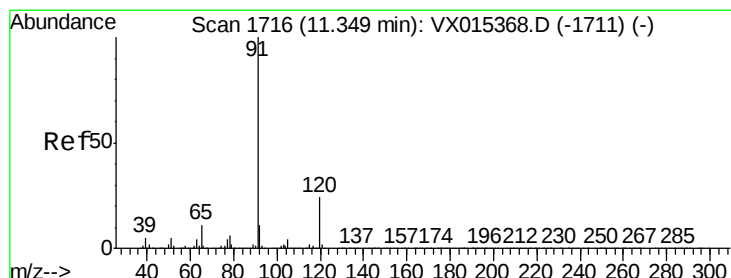
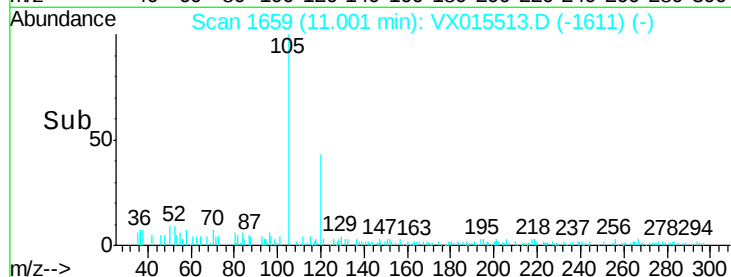
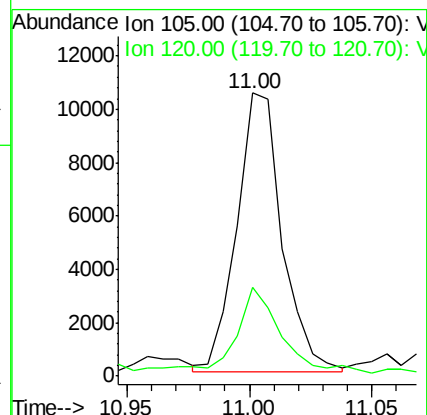
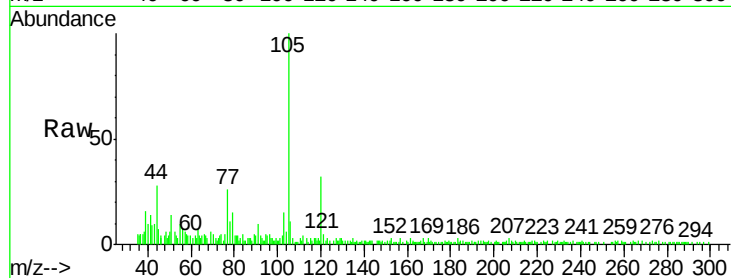
COMP-2

Tot Ion: 105 Resp: 13369

Ion Ratio Lower Upper

105 100

120 32.1 13.2 39.5



#78

n-propylbenzene

Concen: 0.401 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015513.D

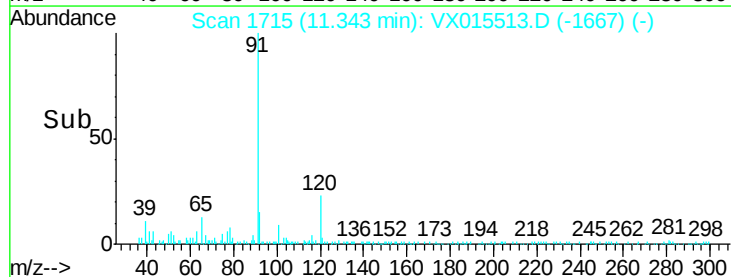
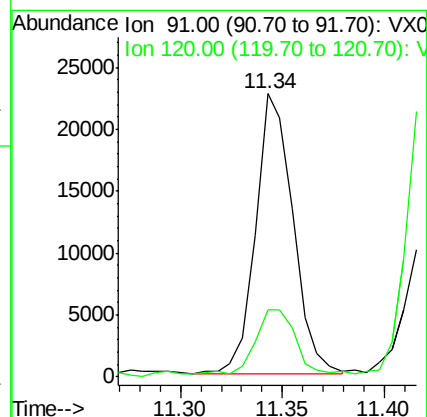
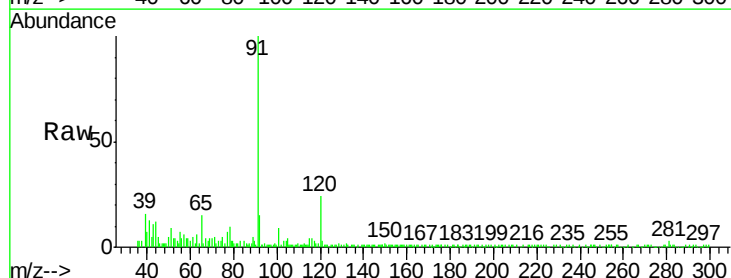
Acq: 06 Apr 2020 15:26

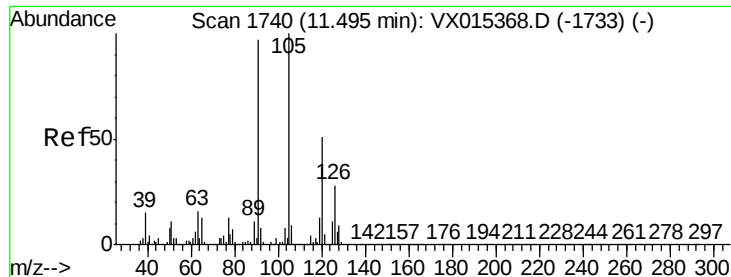
Tgt Ion: 91 Resp: 28860

Ion Ratio Lower Upper

91 100

120 24.2 11.7 35.0

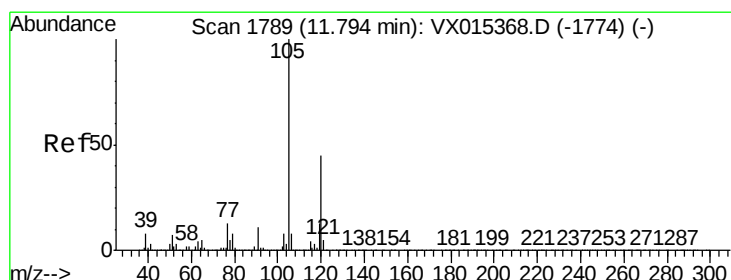
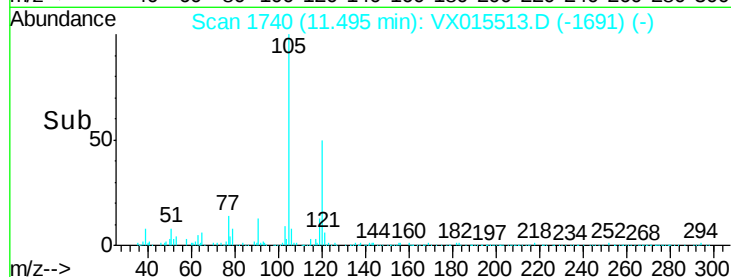
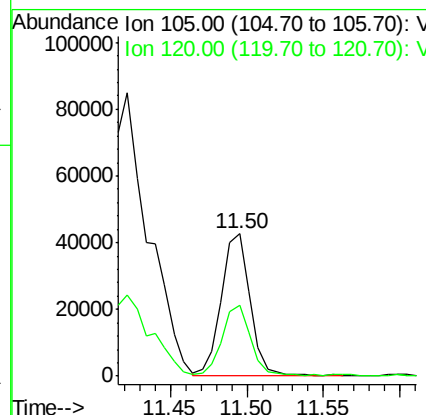
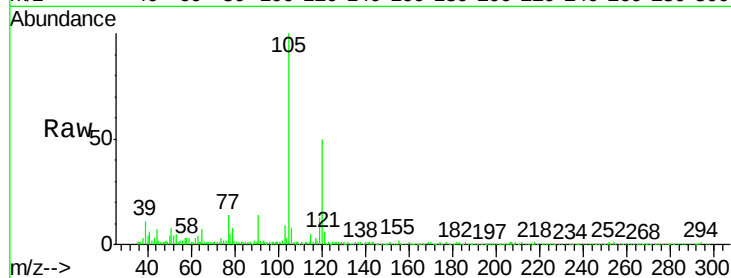




#80
 1,3,5-Trimethylbenzene
 Concen: 1.036 ug/l
 RT: 11.50 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: VX015513.D
 Acq: 06 Apr 2020 15:26

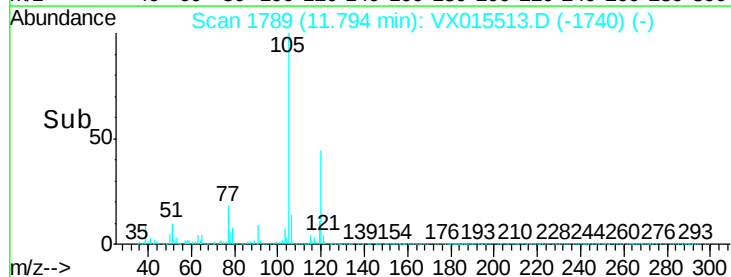
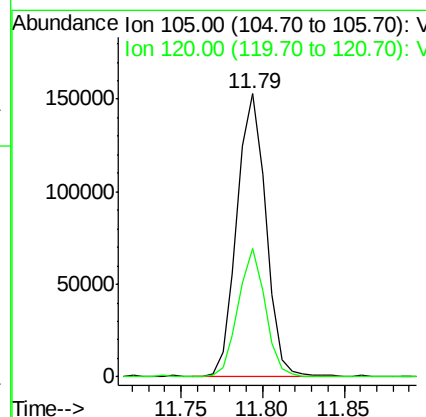
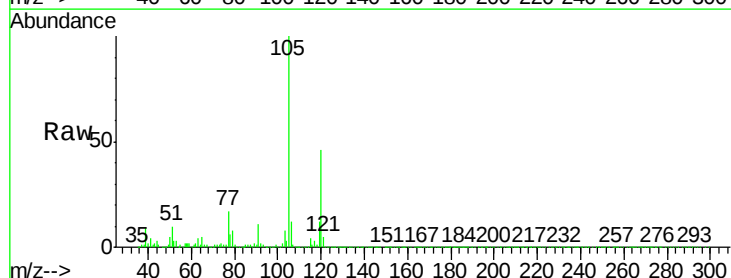
Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-2

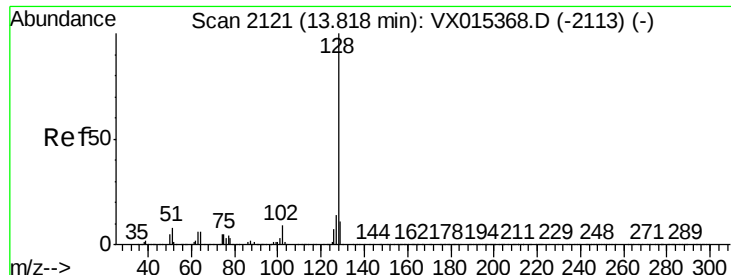
Tot Ion:105 Resp: 55710
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.8 74.4



#84
 1,2,4-Trimethylbenzene
 Concen: 3.444 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015513.D
 Acq: 06 Apr 2020 15:26

Tgt Ion:105 Resp: 188645
 Ion Ratio Lower Upper
 105 100
 120 42.2 22.7 68.1

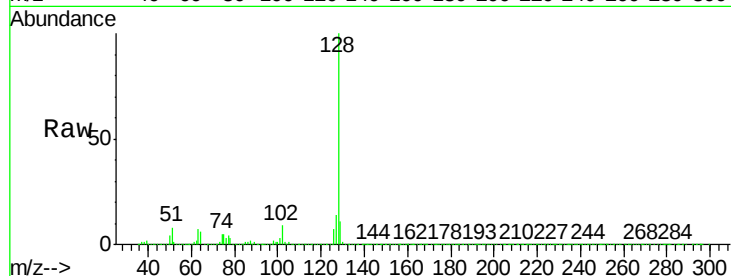




#95
Naphthalene
Concen: 23.587 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015513.D
Acq: 06 Apr 2020 15:26

Instrument :
MSVOA_X
ClientSampleId :
COMP-2

Tot Ion:128 Resp: 1673843
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 11.2 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
2000000
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

