

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012820\
 Data File : VX014755.D
 Acq On : 28 Jan 2020 17:02
 Operator : JC/SP
 Sample : L1267-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 28 23:21:38 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	451720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	712693	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	656937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	328877	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	261404	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
35) Dibromofluoromethane	5.49	113	214375	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
50) Toluene-d8	8.71	98	845640	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
62) 4-Bromofluorobenzene	11.13	95	304496	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	282	0.577 ug/l	73
5) Bromomethane	1.65	94	1023	0.228 ug/l #	41
6) Chloroethane	1.73	64	630	Below Cal	93
11) Tert butyl alcohol	3.01	59	1271	1.073 ug/l #	1
13) Acrolein	2.28	56	1839	1.969 ug/l #	44
14) Allyl chloride	2.71	41	1798	0.223 ug/l #	39
16) Acetone	2.43	43	112584	39.069 ug/l	98
20) Methylene Chloride	2.85	84	1696	0.317 ug/l #	78
25) 2-Butanone	4.67	43	32310	7.800 ug/l	98
29) Tetrahydrofuran	5.08	42	668	0.272 ug/l #	81
36) 1,1-Dichloropropene	5.65	75	30496	4.605 ug/l #	54
37) Ethyl Acetate	4.67	43	32310	4.260 ug/l #	70
38) Carbon Tetrachloride	5.65	117	39859	6.302 ug/l #	16
40) Benzene	6.14	78	9989	0.488 ug/l	92
41) Methacrylonitrile	5.03	41	155	Below Cal #	1
49) 1,4-Dioxane	7.72	88	388	3.084 ug/l #	62
51) 4-Methyl-2-Pentanone	8.64	43	2586	0.330 ug/l #	72
52) Toluene	8.78	92	32614	2.593 ug/l	94
56) Ethyl methacrylate	9.17	69	221	1.809 ug/l #	1
59) 2-Hexanone	9.49	43	4365	0.718 ug/l	94
67) Ethyl Benzene	10.25	91	10749	0.448 ug/l	98
68) m/p-Xylenes	10.35	106	17233	1.896 ug/l	98
69) o-Xylene	10.70	106	11333	1.291 ug/l	97
76) 1,2,3-Trichloropropane	11.13	75	153817	20.103 ug/l #	40
78) n-propylbenzene	11.35	91	10609	0.404 ug/l	92
80) 1,3,5-Trimethylbenzene	11.50	105	21297	1.110 ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	153817	57.209 ug/l #	10
83) tert-Butylbenzene	11.81	119	14010	0.777 ug/l #	68
84) 1,2,4-Trimethylbenzene	11.81	105	114448	5.945 ug/l	99
85) sec-Butylbenzene	11.94	105	6882	0.311 ug/l	95
86) p-Isopropyltoluene	12.02	119	13935	0.682 ug/l	94
89) n-Butylbenzene	12.37	91	31095	1.749 ug/l #	27
90) Hexachloroethane	12.58	117	7106	1.874 ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	13.01	75	1233	0.695 ug/l #	20

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QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration

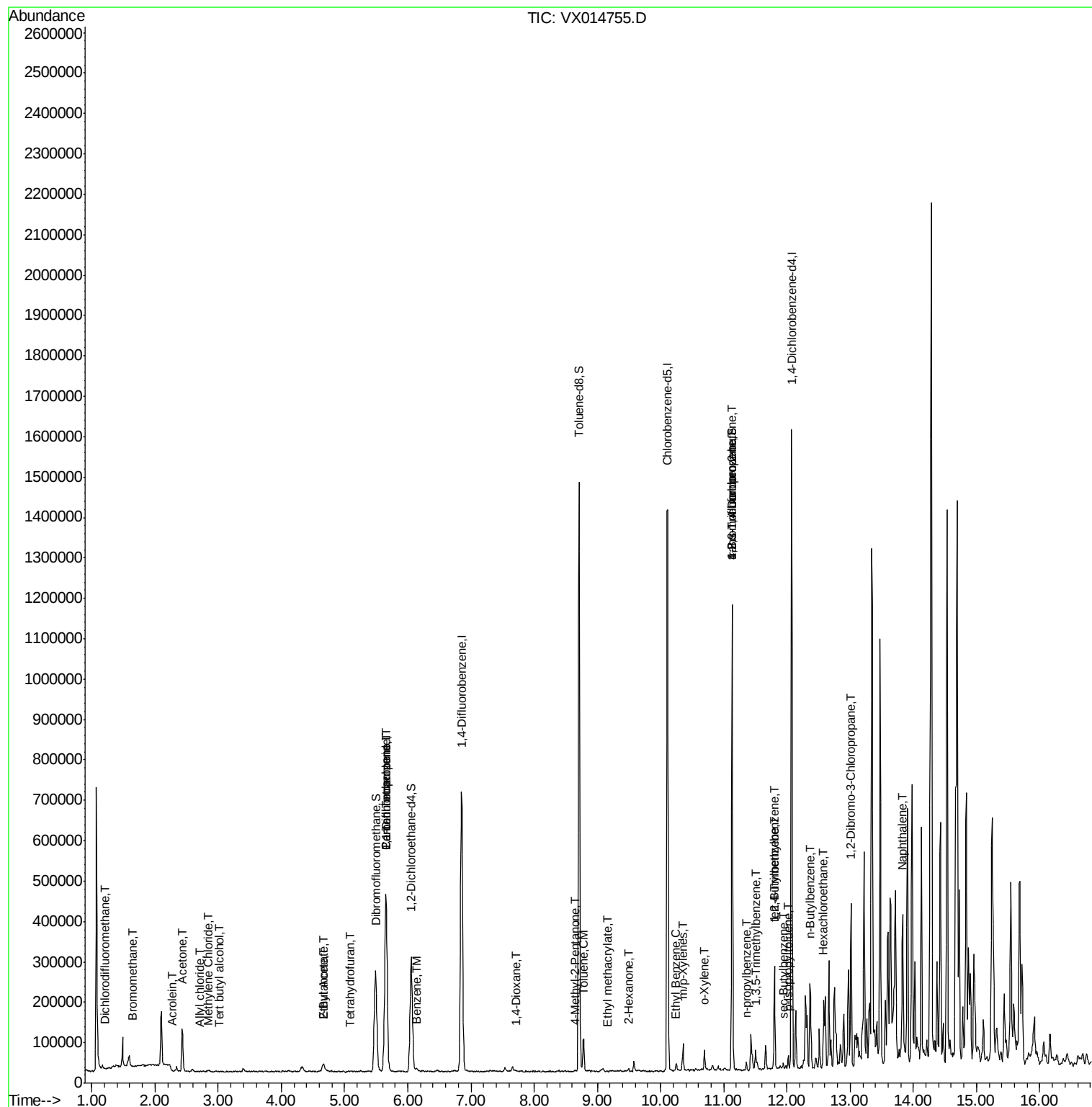
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	224003	10.467	ug/l	98

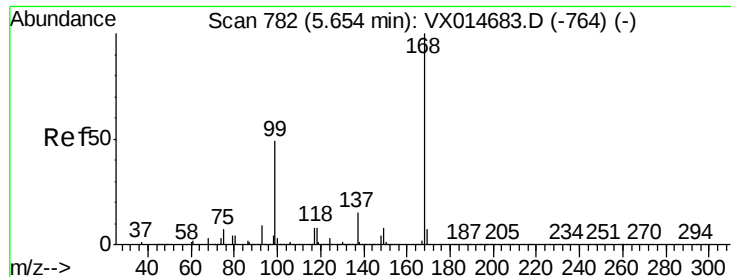
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014755.D

Acq: 28 Jan 2020 17:02

Instrument :

MSVOA_X

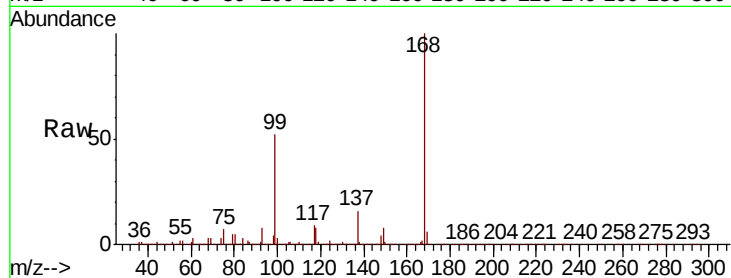
ClientSampleId :

Tot Ion:168 Resp: 451720

Ion Ratio Lower Upper

168 100

99 51.9 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

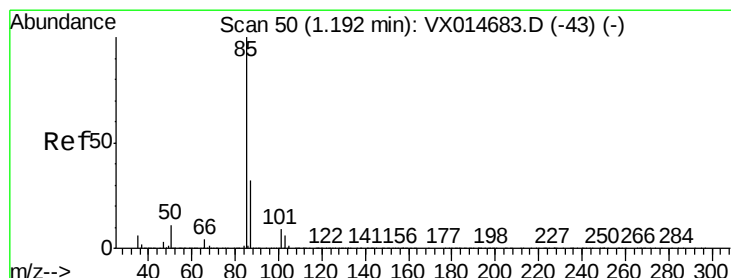
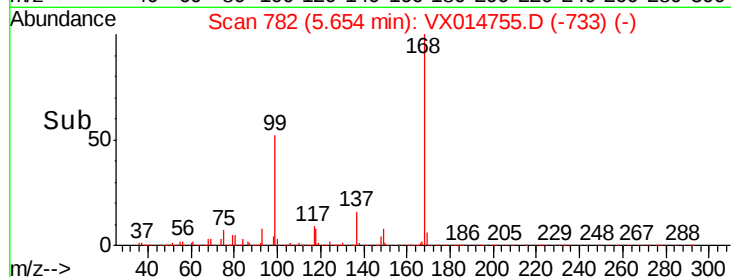
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.577 ug/l

RT: 1.20 min Scan# 52

Delta R.T. 0.01 min

Lab File: VX014755.D

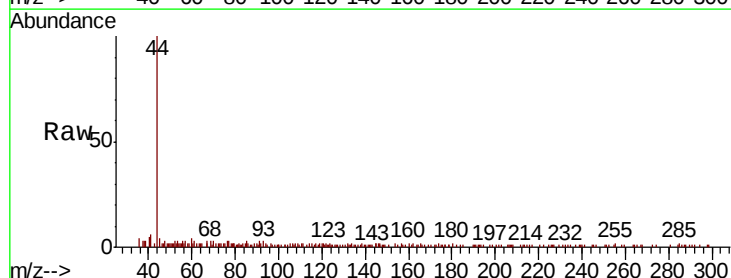
Acq: 28 Jan 2020 17:02

Tgt Ion: 85 Resp: 282

Ion Ratio Lower Upper

85 100

87 17.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

400

300

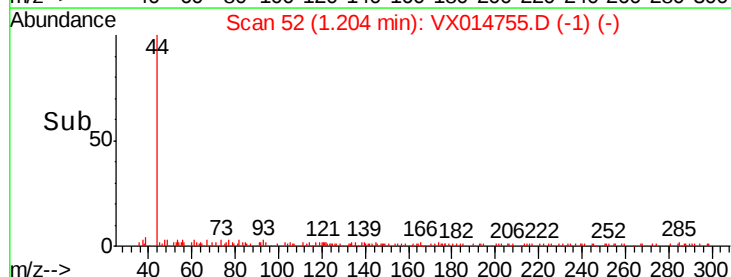
200

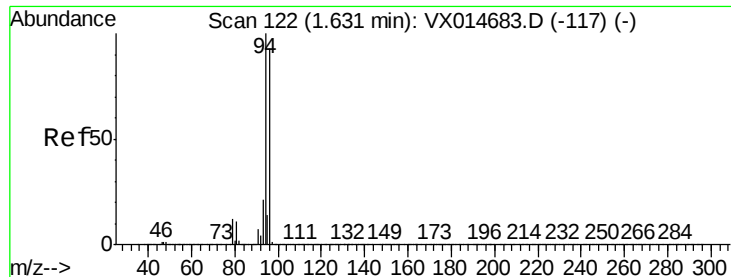
100

0

Time-->

1.18 1.20 1.22





#5

Bromomethane

Concen: 0.228 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.02 min

Lab File: VX014755.D

Acq: 28 Jan 2020 17:02

Instrument :

MSVOA_X

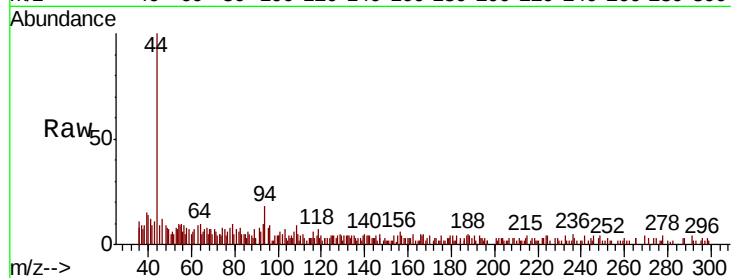
ClientSampled :

Tot Ion: 94 Resp: 1023

Ion Ratio Lower Upper

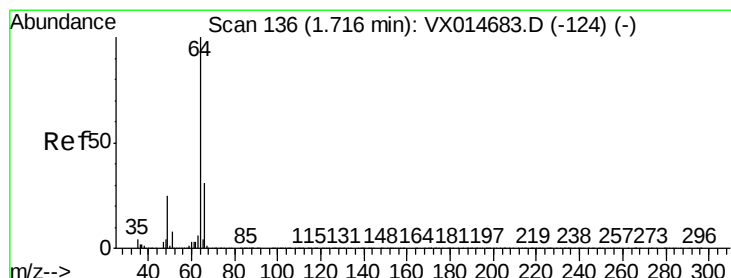
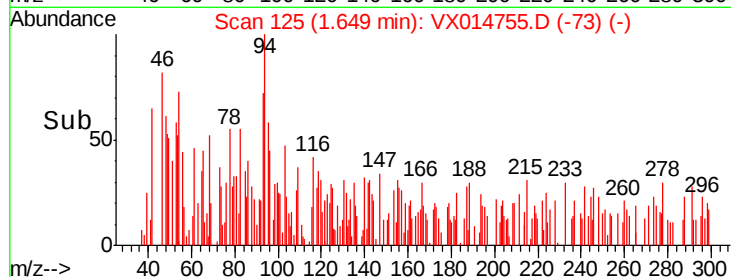
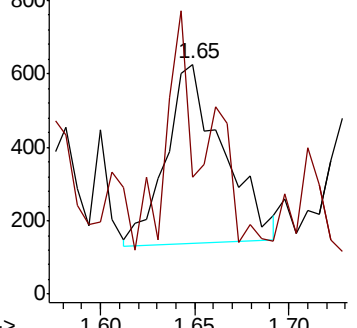
94 100

96 36.5 74.7 112.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 138

Delta R.T. 0.01 min

Lab File: VX014755.D

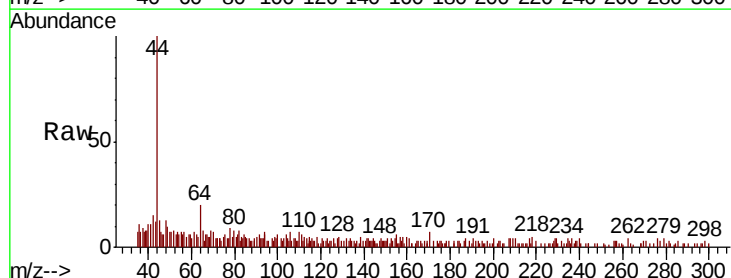
Acq: 28 Jan 2020 17:02

Tgt Ion: 64 Resp: 630

Ion Ratio Lower Upper

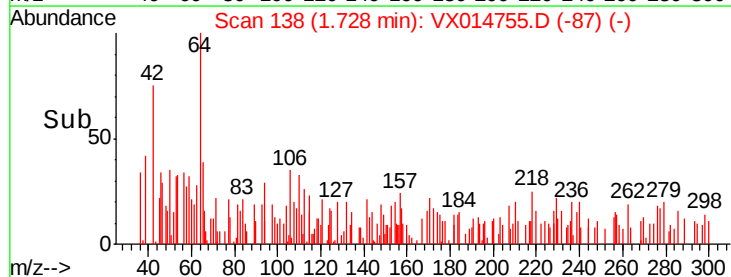
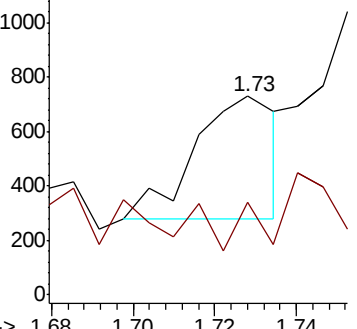
64 100

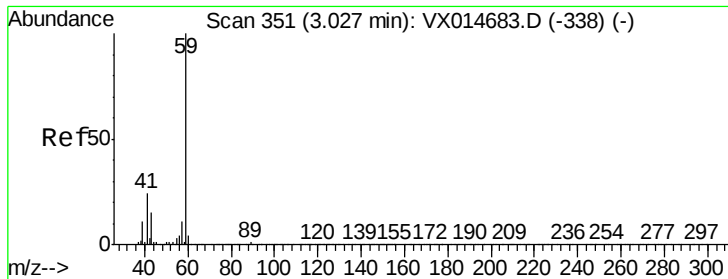
66 35.3 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



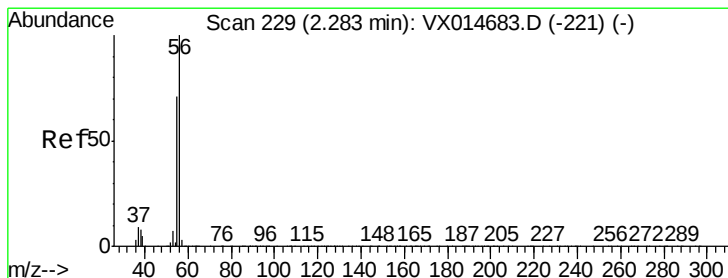
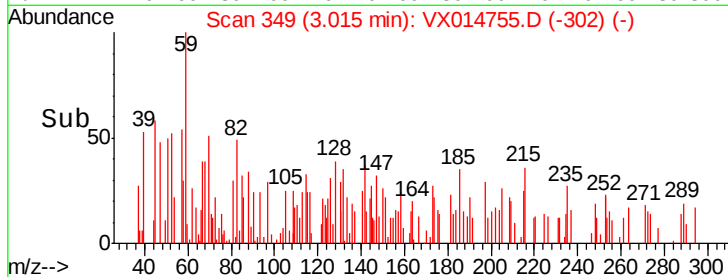
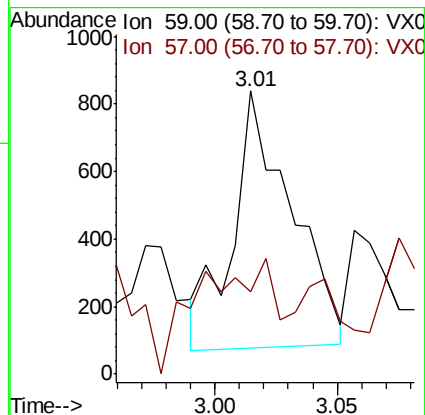
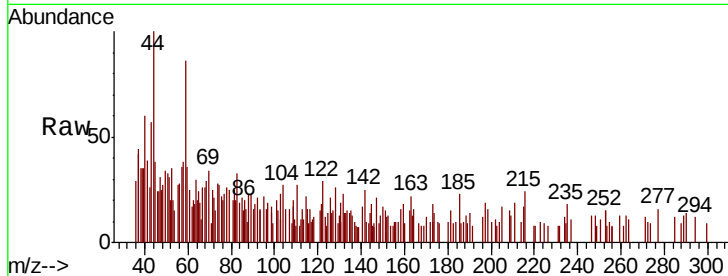


#11

Tert butyl alcohol
Concen: 1.073 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX014755.D
Acq: 28 Jan 2020 17:02

Instrument :
MSVOA_X
ClientSampled :

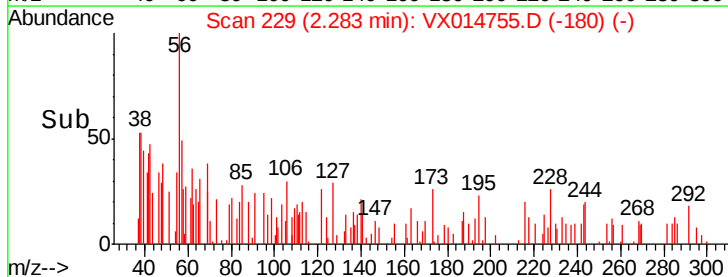
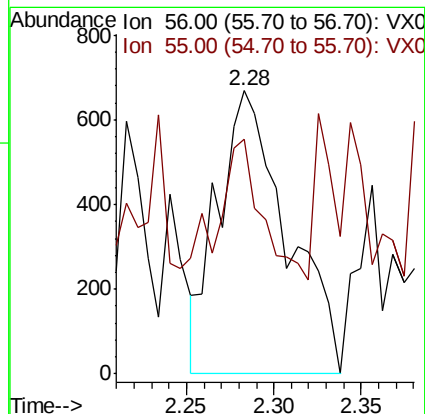
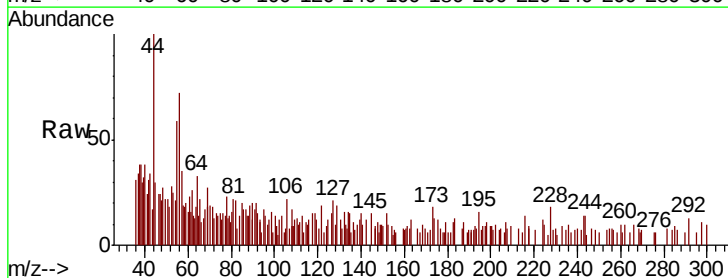
Tot Ion: 59 Resp: 1271
Ion Ratio Lower Upper
59 100
57 62.6 8.3 12.5#

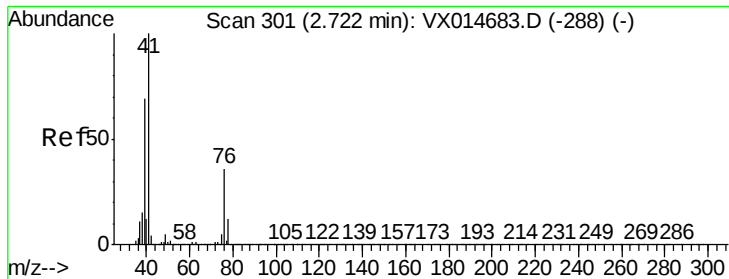


#13

Acrolein
Concen: 1.969 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX014755.D
Acq: 28 Jan 2020 17:02

Tgt Ion: 56 Resp: 1839
Ion Ratio Lower Upper
56 100
55 24.4 56.6 84.8#

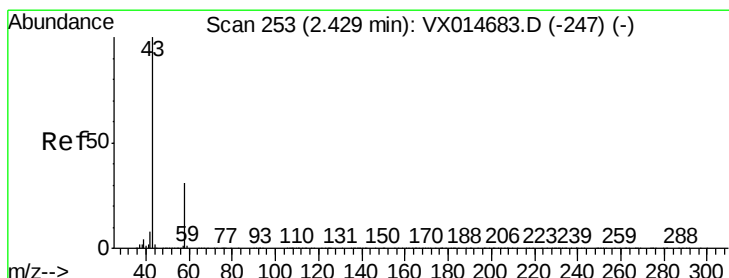
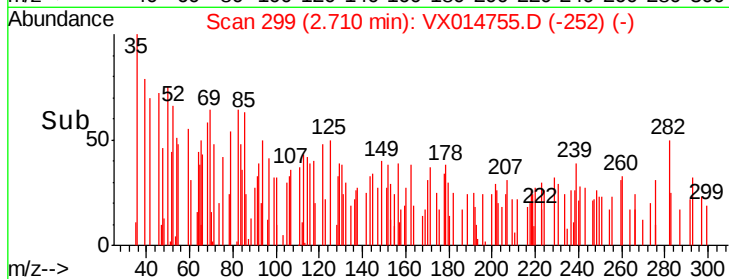
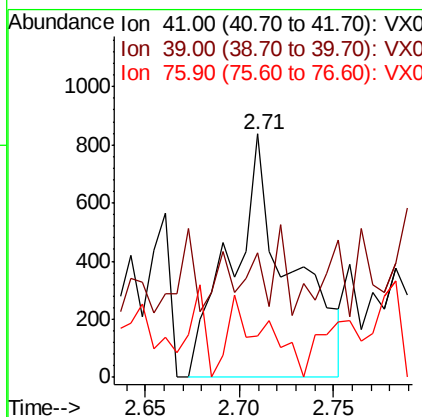
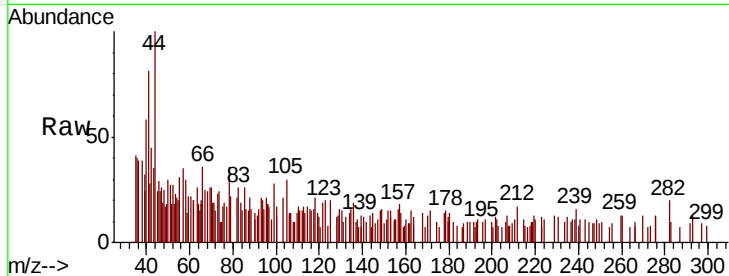




#14
Allvl chloride
Concen: 0.223 ug/l
RT: 2.71 min Scan# 299
Delta R.T. -0.01 min
Lab File: VX014755.D
Acq: 28 Jan 2020 17:02

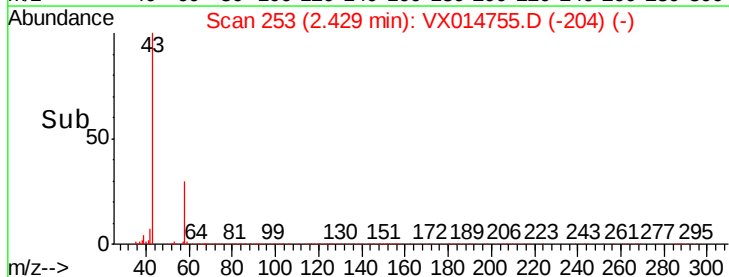
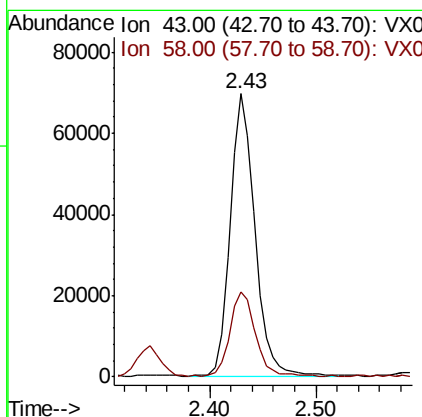
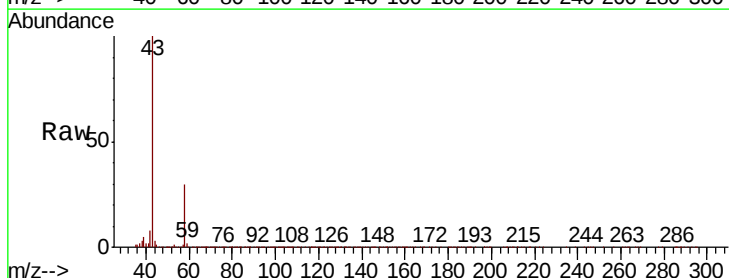
Instrument :
MSVOA_X
ClientSampleId :

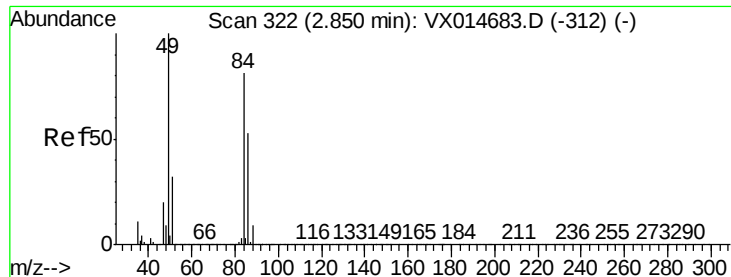
Tot Ion: 41 Resp: 1798
Ion Ratio Lower Upper
41 100
39 0.0 52.0 78.0#
76 21.5 26.0 39.0#



#16
Acetone
Concen: 39.069 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX014755.D
Acq: 28 Jan 2020 17:02

Tgt Ion: 43 Resp: 112584
Ion Ratio Lower Upper
43 100
58 29.7 24.5 36.7

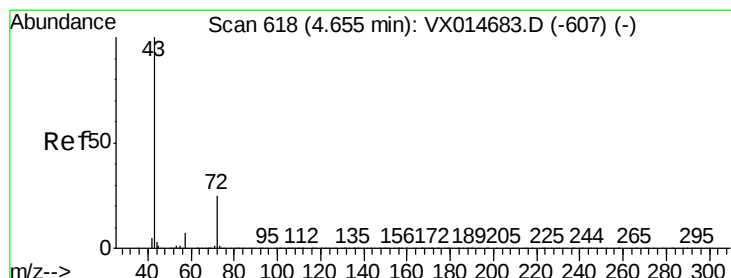
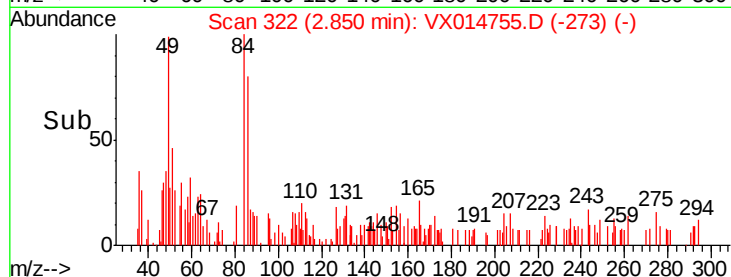
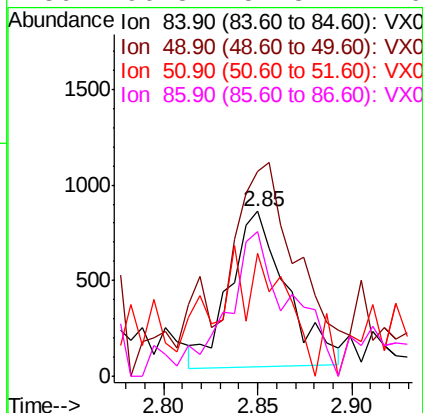
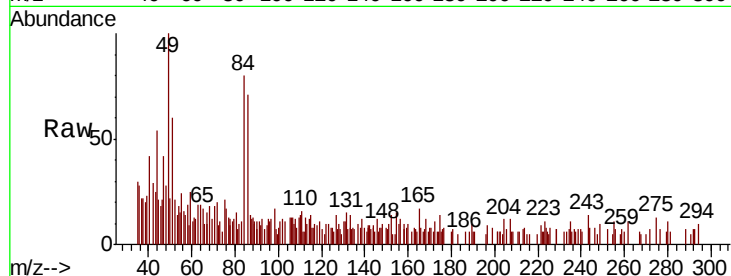




#20
Methvlene Chloride
Concen: 0.317 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014755.D
Acq: 28 Jan 2020 17:02

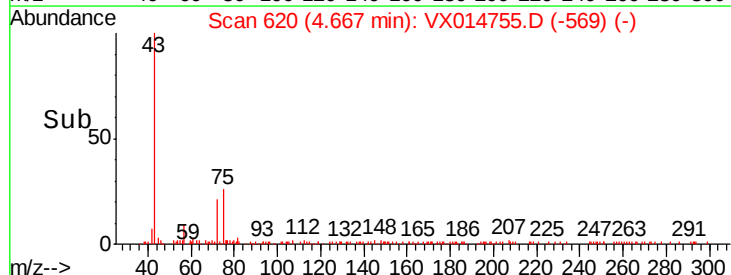
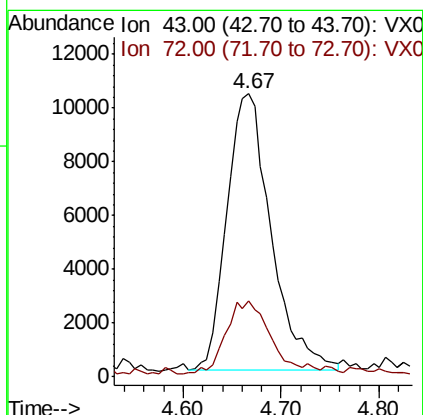
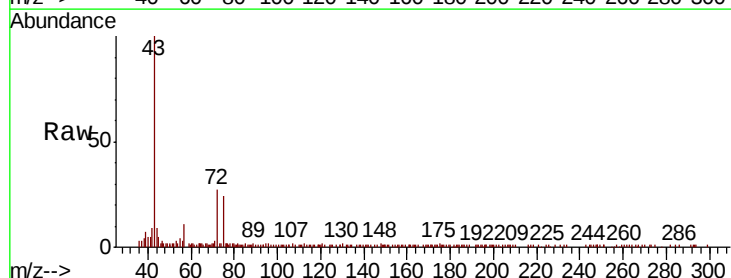
Instrument :
MSVOA_X
ClientSampleId :

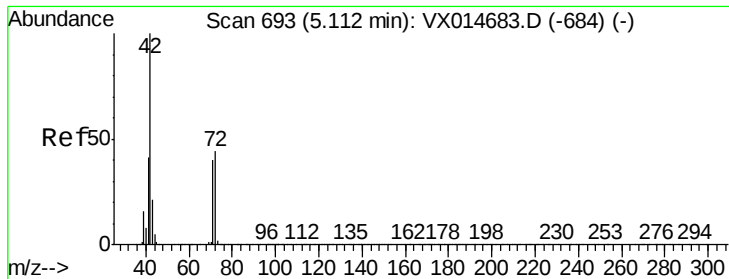
Tot Ion: 84 Resp: 1696
Ion Ratio Lower Upper
84 100
49 116.6 98.2 147.4
51 65.5 31.3 46.9#
86 96.8 51.8 77.6#



#25
2-Butanone
Concen: 7.800 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX014755.D
Acq: 28 Jan 2020 17:02

Tgt Ion: 43 Resp: 32310
Ion Ratio Lower Upper
43 100
72 25.7 19.9 29.9





#29

Tetrahydrofuran

Concen: 0.272 ug/l

RT: 5.08 min Scan# 687

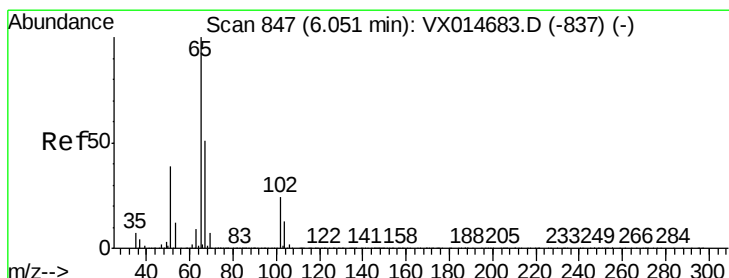
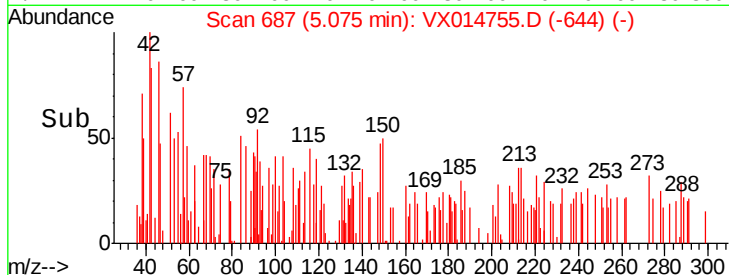
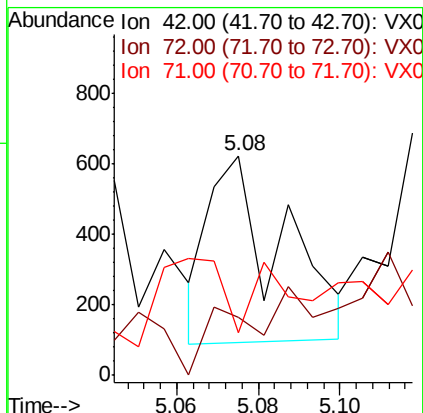
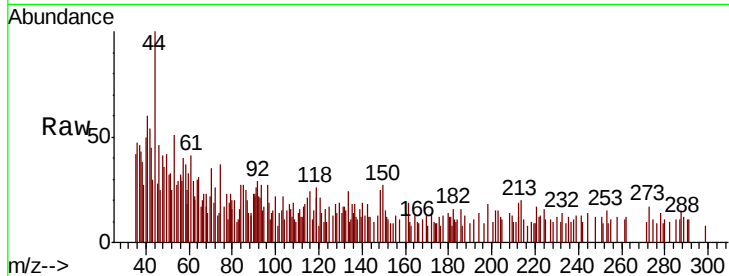
Delta R.T. -0.04 min

Lab File: VX014755.D

Acq: 28 Jan 2020 17:02

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	42	Resp:	668
Ion	Ratio	Lower	Upper
42	100		
72	48.5	35.3	52.9
71	21.7	33.1	49.7#



#33

1,2-Dichloroethane-d4

Concen: 49.555 ug/l

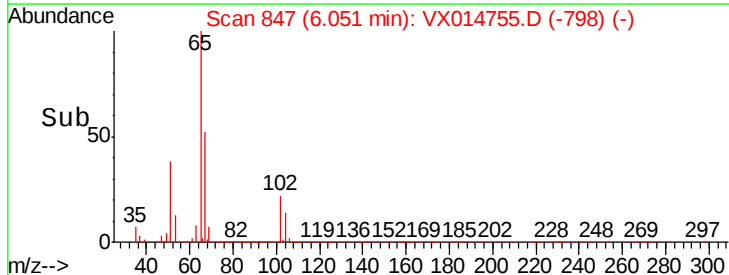
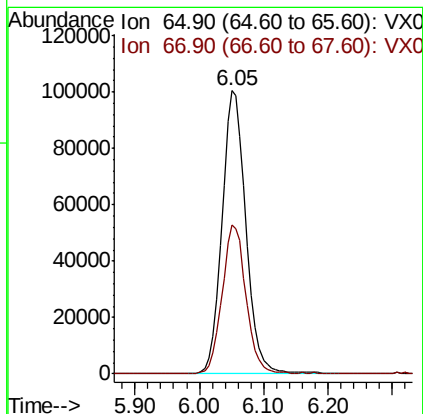
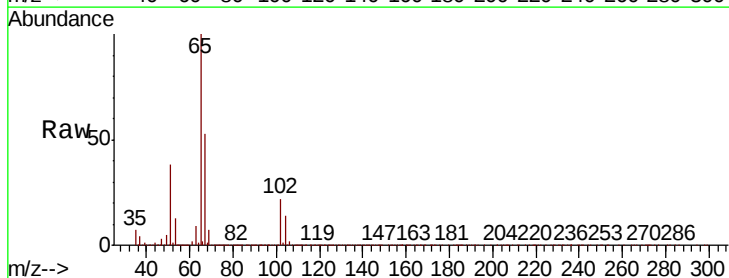
RT: 6.05 min Scan# 847

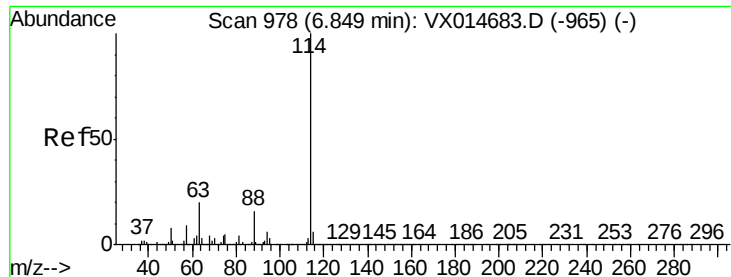
Delta R.T. -0.00 min

Lab File: VX014755.D

Acq: 28 Jan 2020 17:02

Tgt Ion:	65	Resp:	261404
Ion	Ratio	Lower	Upper
65	100		
67	52.3	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: VX014755.D

Acq: 28 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

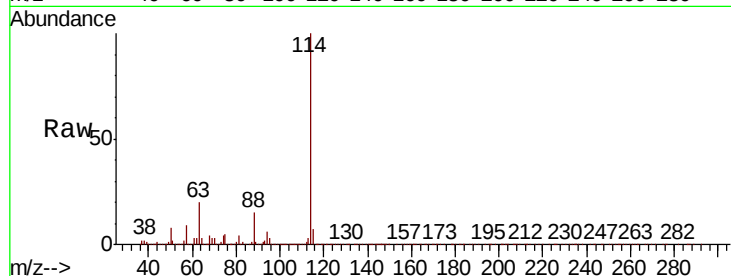
Tot Ion:114 Resp: 712693

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.6

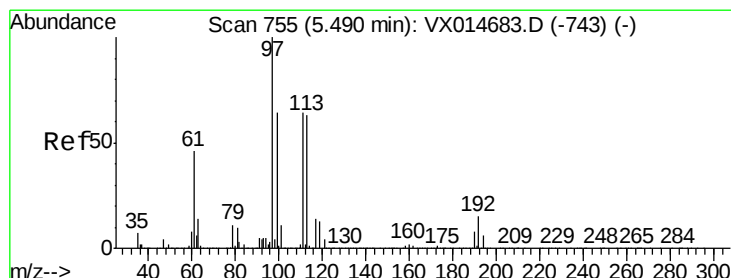
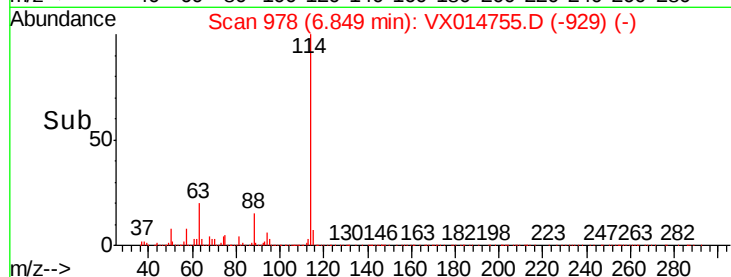
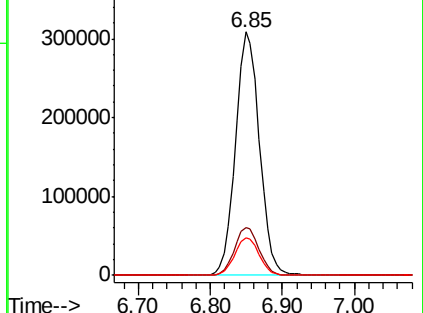
88 15.3 0.0 31.2



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: 47.670 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014755.D

Acq: 28 Jan 2020 17:02

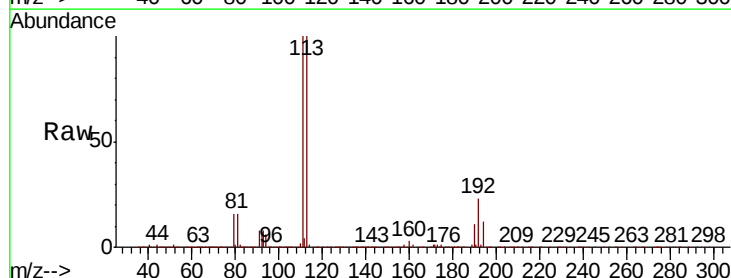
Tgt Ion:113 Resp: 214375

Ion Ratio Lower Upper

113 100

111 103.5 80.7 121.1

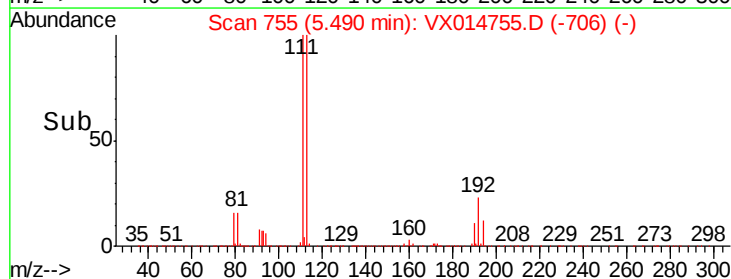
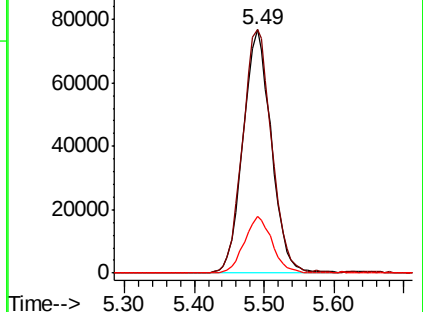
192 23.3 18.5 27.7

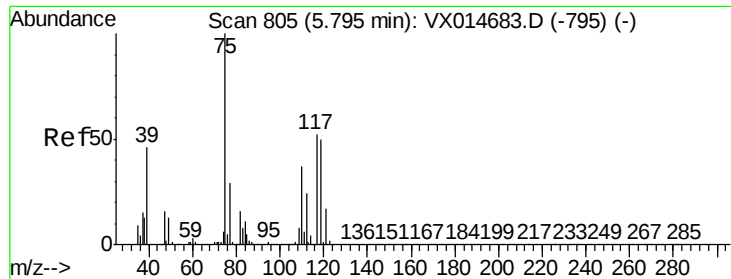


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

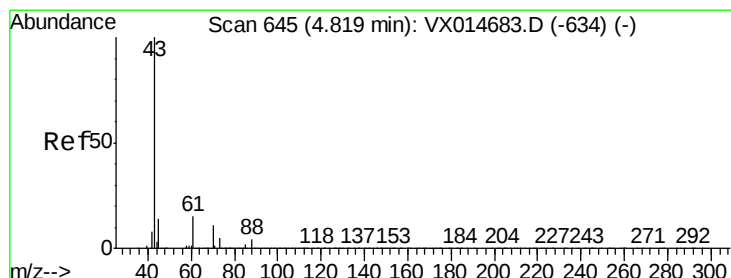
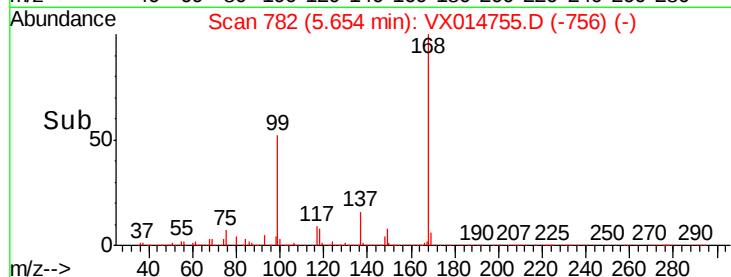
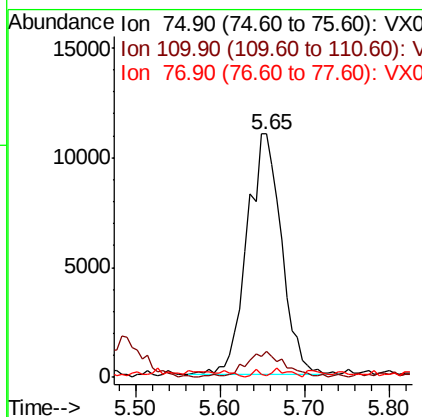
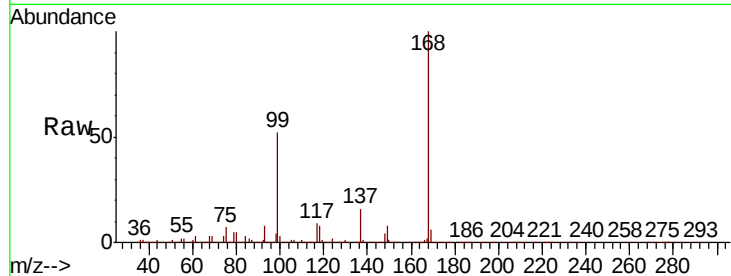




#36
 1,1-Dichloropropene
 Concen: 4.605 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.14 min
 Lab File: VX014755.D
 Acq: 28 Jan 2020 17:02

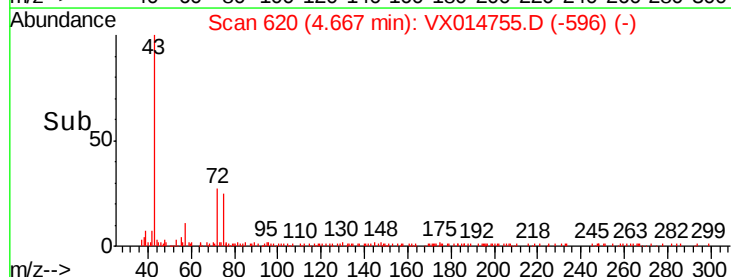
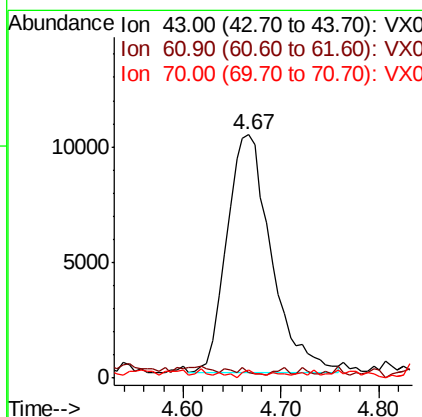
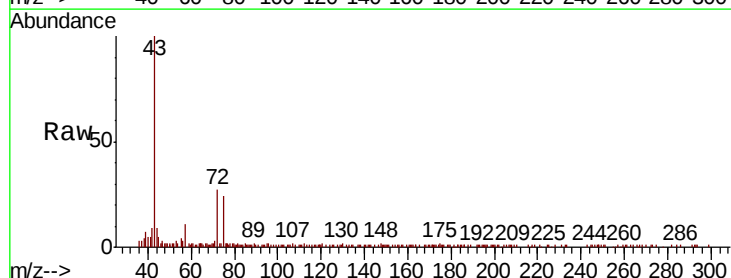
Instrument :
 MSVOA_X
 ClientSampled :

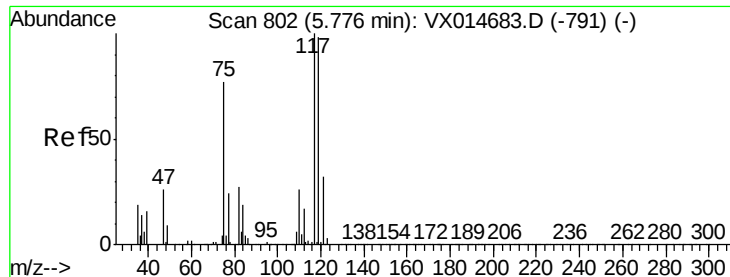
Tot Ion	Ratio	Lower	Upper
75	100		
110	11.8	17.9	53.7#
77	1.6	24.1	36.1#



#37
 Ethyl Acetate
 Concen: 4.260 ug/l
 RT: 4.67 min Scan# 620
 Delta R.T. -0.15 min
 Lab File: VX014755.D
 Acq: 28 Jan 2020 17:02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.0	16.4#
70	1.2	8.5	12.7#

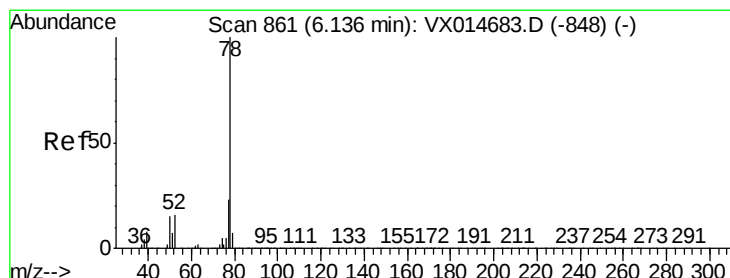
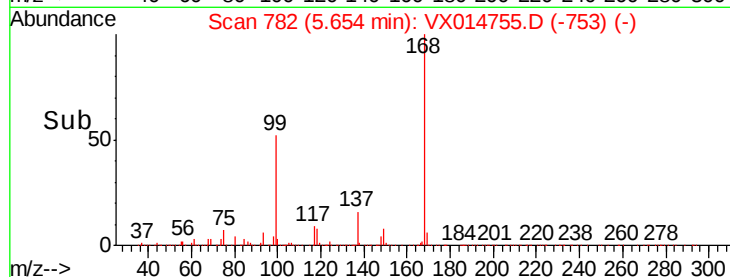
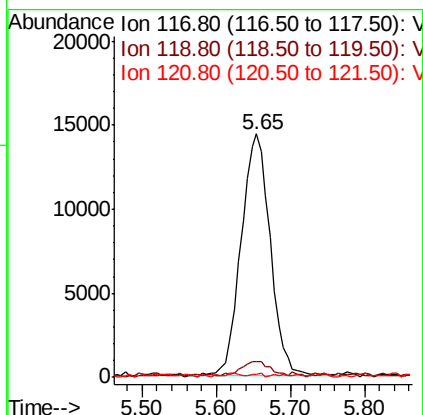
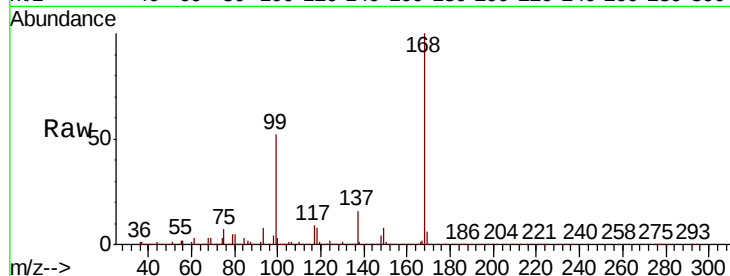




#38
Carbon Tetrachloride
Concen: 6.302 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX014755.D
Acq: 28 Jan 2020 17:02

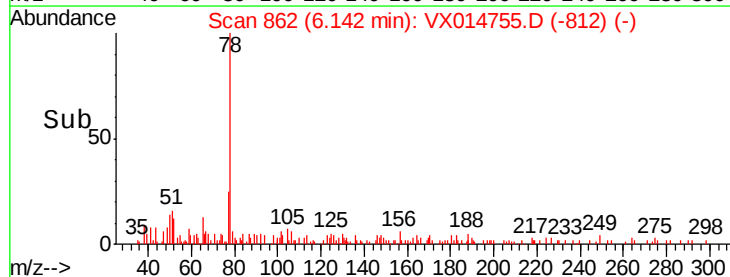
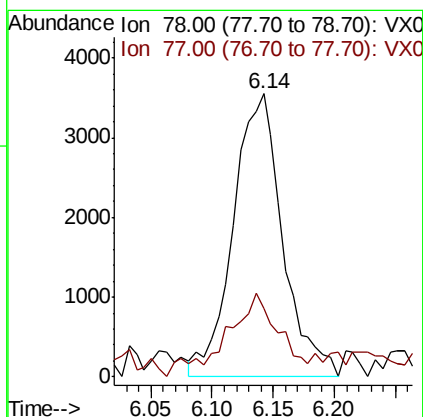
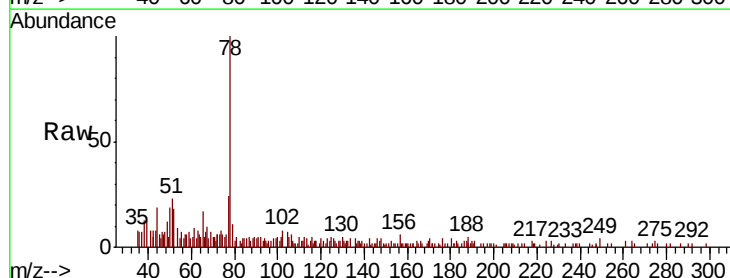
Instrument :
MSVOA_X
ClientSampleId :

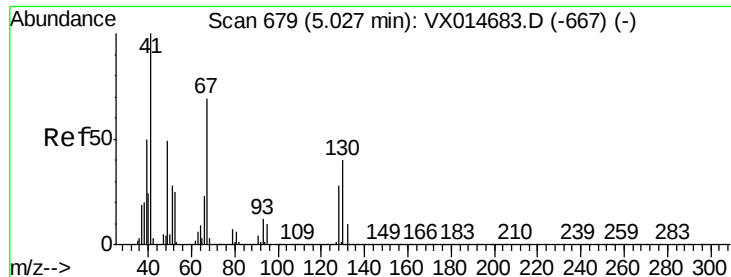
Tot Ion	Ratio	Lower	Upper
117	100		
119	5.5	77.9	116.9#
121	0.8	25.4	38.2#



#40
Benzene
Concen: 0.488 ug/l
RT: 6.14 min Scan# 862
Delta R.T. 0.01 min
Lab File: VX014755.D
Acq: 28 Jan 2020 17:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	19.3	18.7	28.1





#41

Methacrylonitrile

Concen: Below Cal

RT: 5.03 min Scan# 679

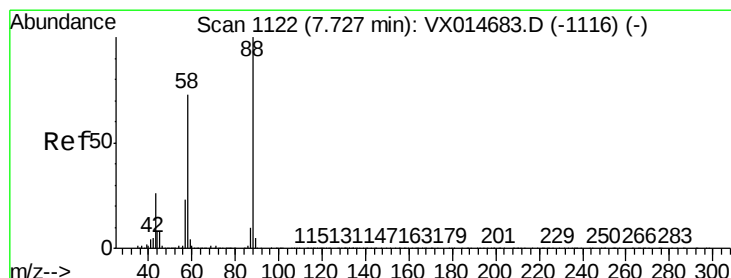
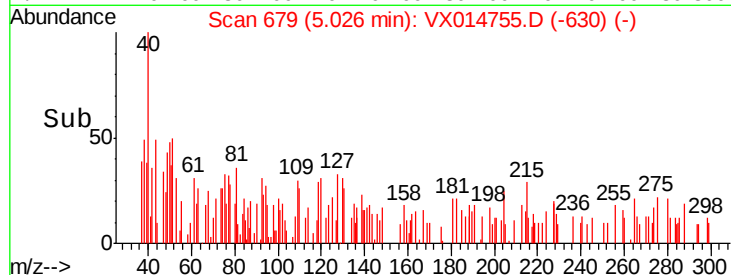
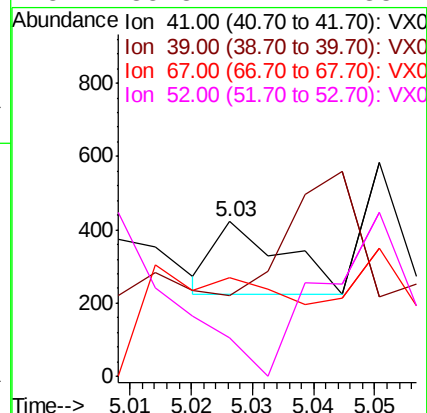
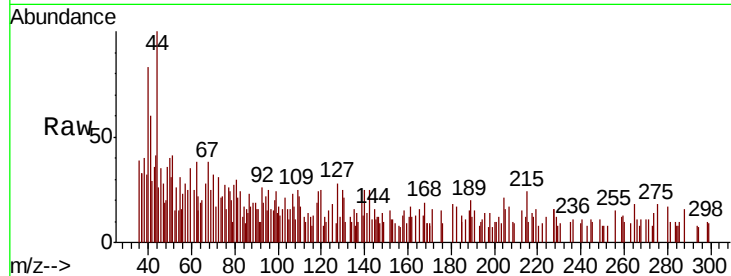
Delta R.T. 0.00 min

Lab File: VX014755.D

Acq: 28 Jan 2020 17:02

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	155
Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.2	63.2#
67	293.5	55.4	83.0#
52	485.8	22.1	33.1#



#49

1,4-Dioxane

Concen: 3.084 ug/l

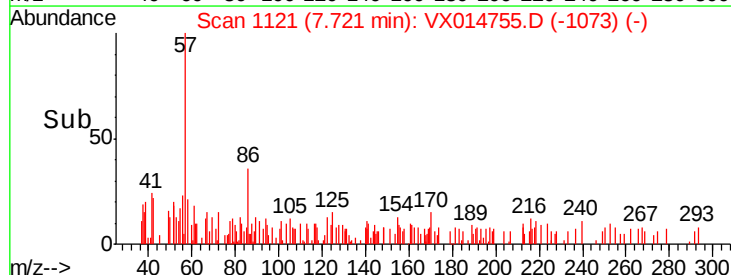
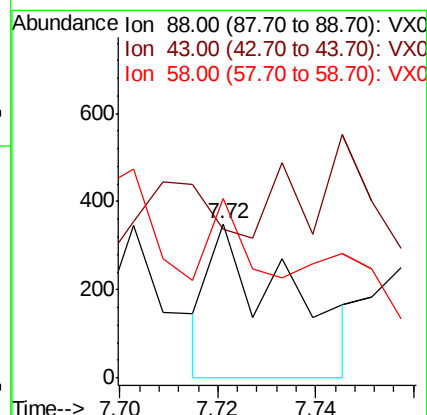
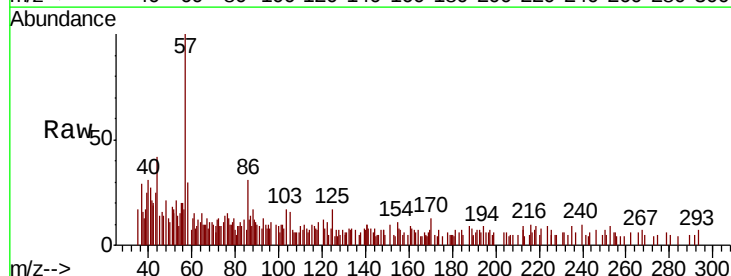
RT: 7.72 min Scan# 1121

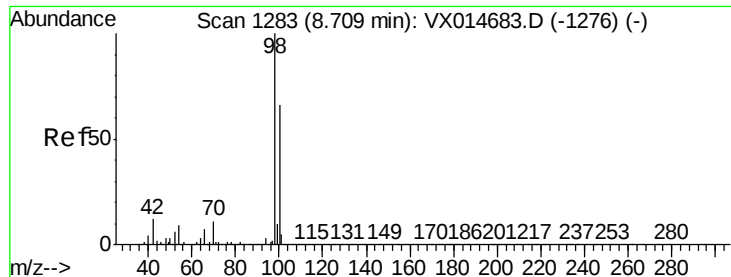
Delta R.T. -0.01 min

Lab File: VX014755.D

Acq: 28 Jan 2020 17:02

Tgt Ion:	88	Resp:	388
Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.2	39.2#
58	46.9	56.6	85.0#





#50

Toluene-d8

Concen: 48.914 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014755.D

Acq: 28 Jan 2020 17:02

Instrument :

MSVOA_X

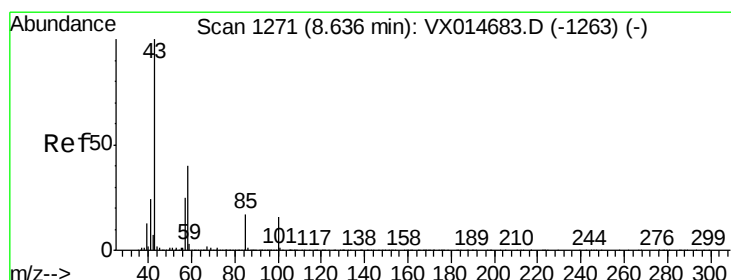
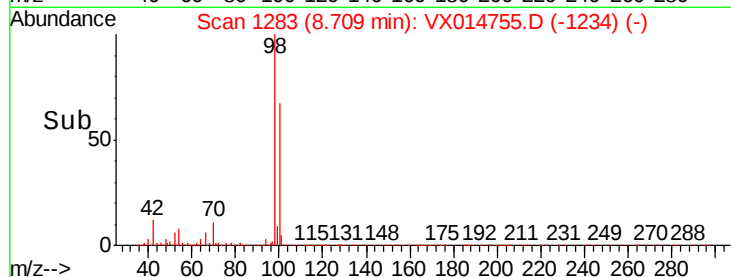
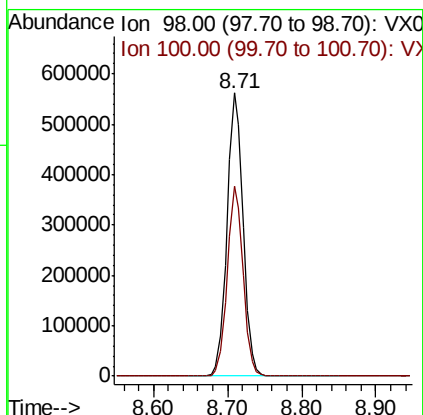
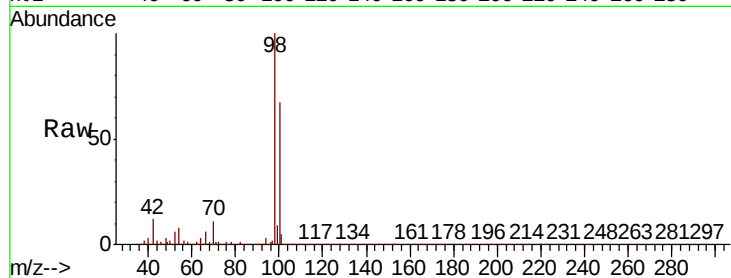
ClientSampleId :

Tot Ion: 98 Resp: 845640

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.6



#51

4-Methyl-2-Pentanone

Concen: 0.330 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX014755.D

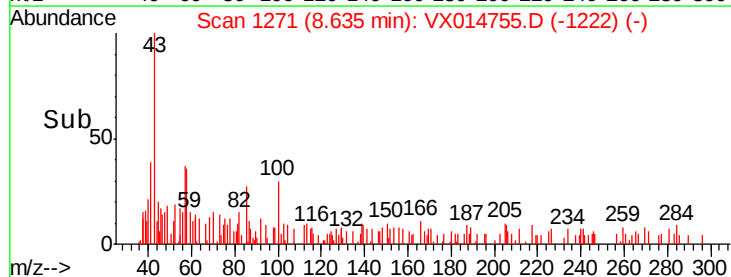
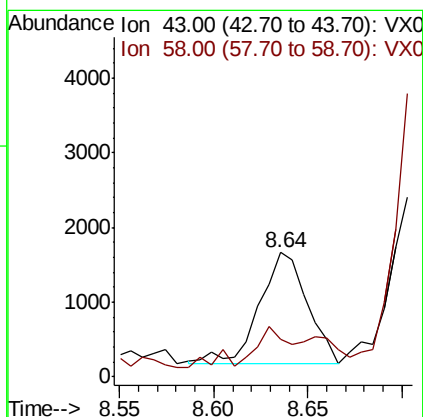
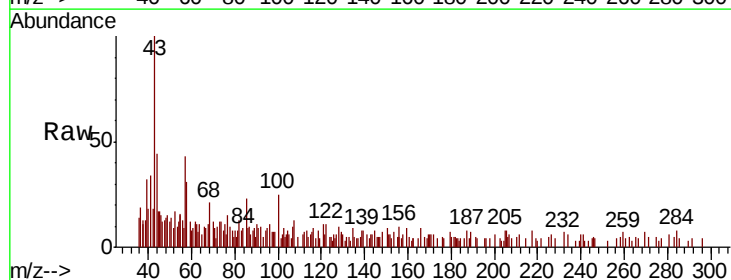
Acq: 28 Jan 2020 17:02

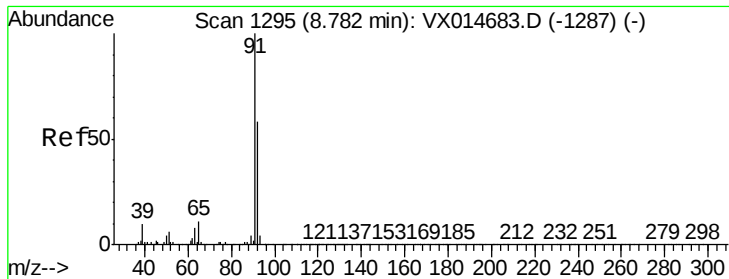
Tgt Ion: 43 Resp: 2586

Ion Ratio Lower Upper

43 100

58 22.5 31.6 47.4#





#52

Toluene

Concen: 2.593 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX014755.D

Acq: 28 Jan 2020 17:02

Instrument :

MSVOA_X

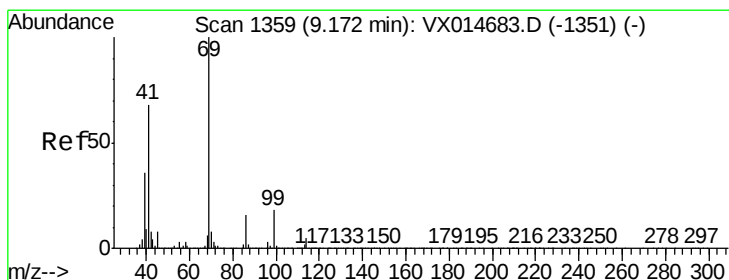
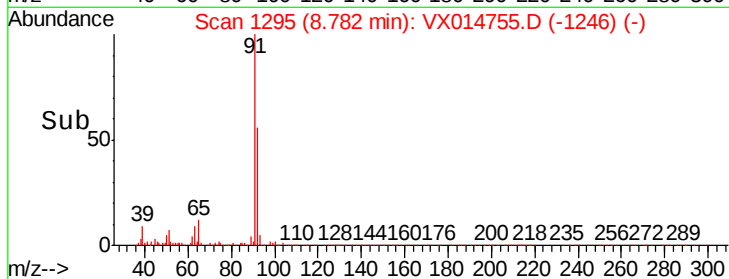
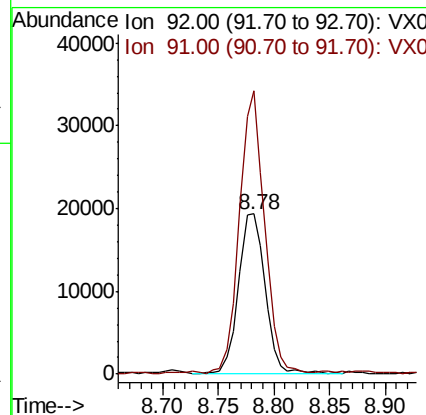
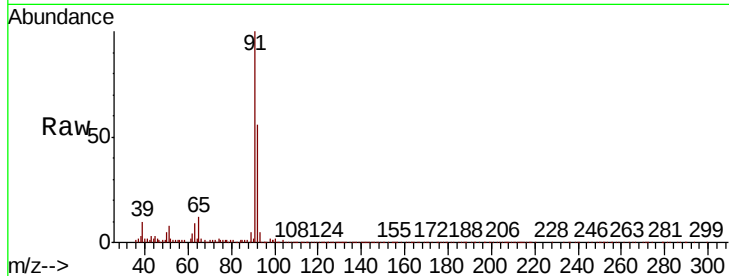
ClientSampleId :

Tot Ion: 92 Resp: 32614

Ion Ratio Lower Upper

92 100

91 162.2 135.9 203.9



#56

Ethyl methacrylate

Concen: 1.809 ug/l

RT: 9.17 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VX014755.D

Acq: 28 Jan 2020 17:02

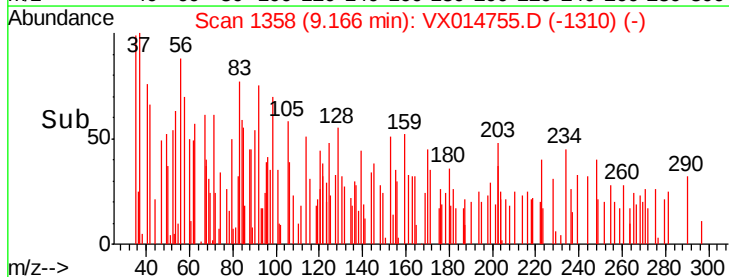
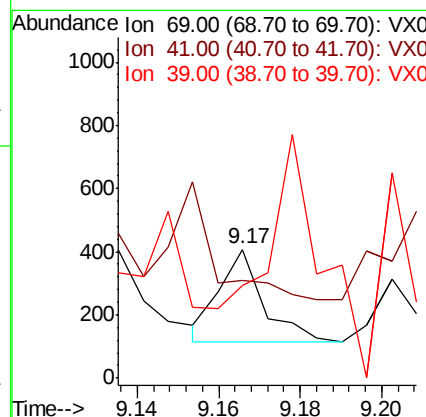
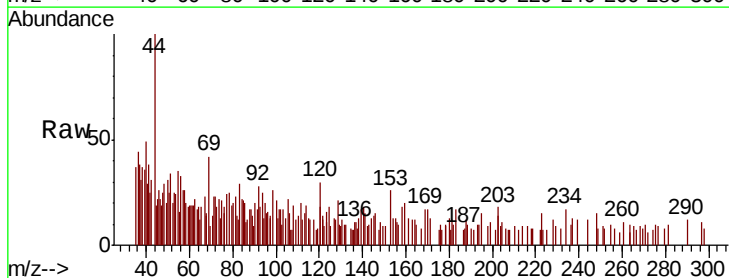
Tgt Ion: 69 Resp: 221

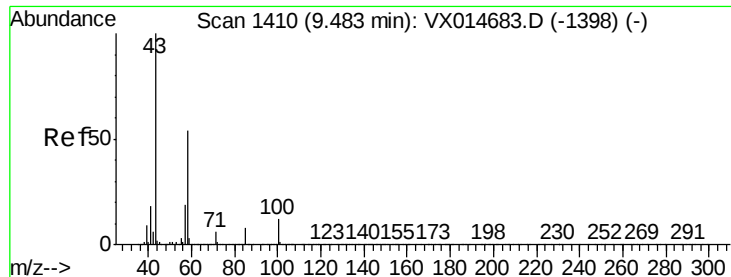
Ion Ratio Lower Upper

69 100

41 0.0 54.9 82.3#

39 344.8 29.3 43.9#

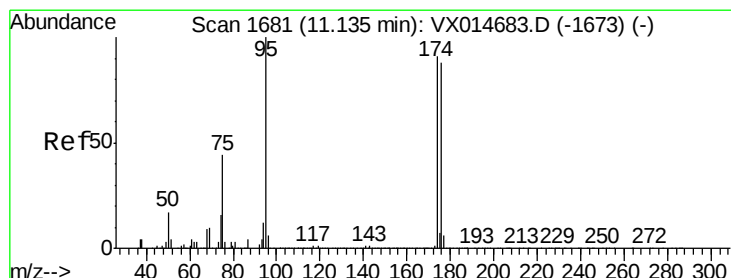
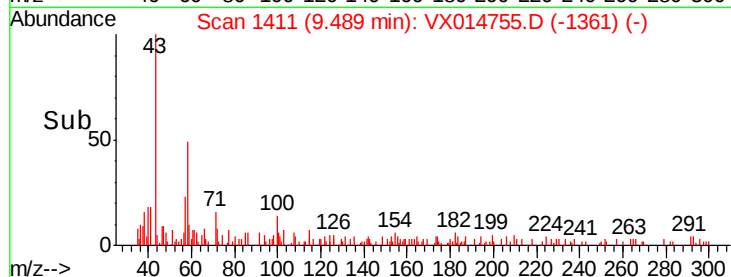
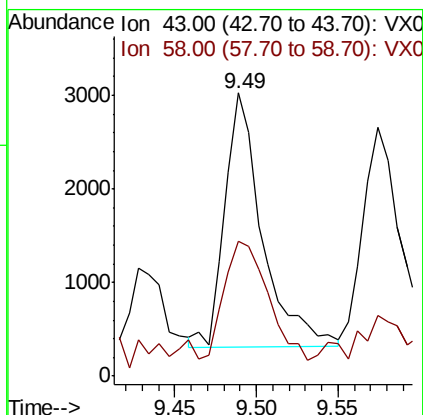
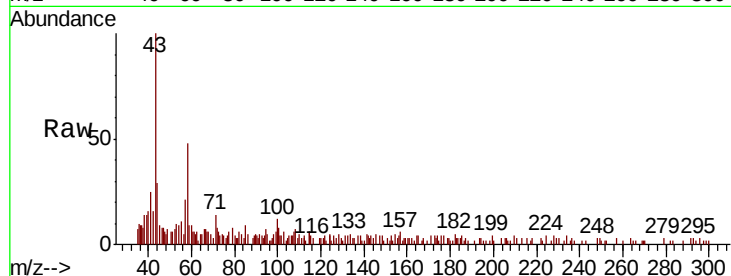




#59
2-Hexanone
Concen: 0.718 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX014755.D
Acq: 28 Jan 2020 17:02

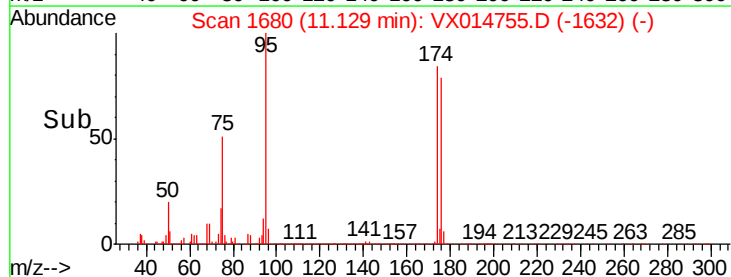
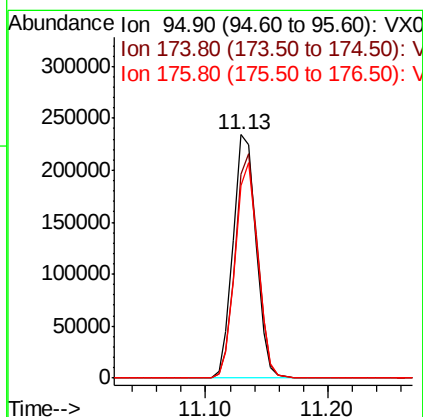
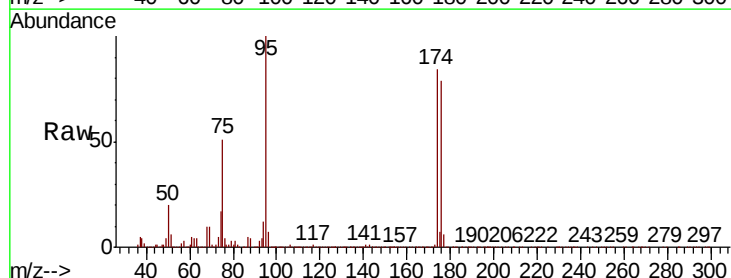
Instrument :
MSVOA_X
ClientSampled :

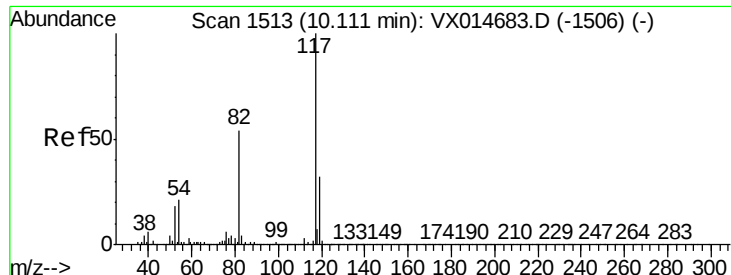
Tot Ion: 43 Resp: 4365
Ion Ratio Lower Upper
43 100
58 58.6 27.2 81.5



#62
4-Bromofluorobenzene
Concen: 49.443 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014755.D
Acq: 28 Jan 2020 17:02

Tgt Ion: 95 Resp: 304496
Ion Ratio Lower Upper
95 100
174 90.2 0.0 176.0
176 87.1 0.0 172.2

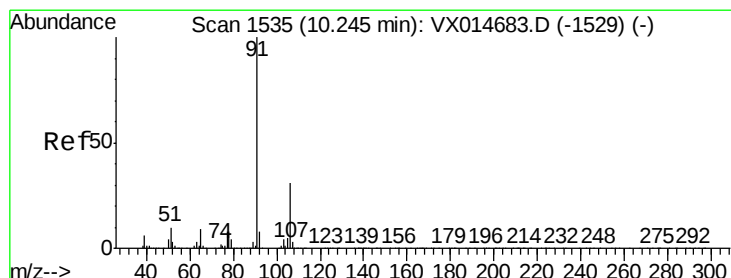
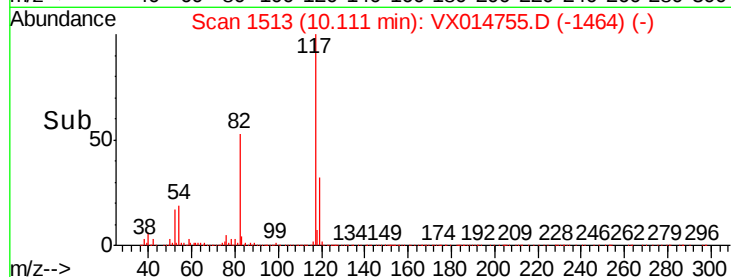
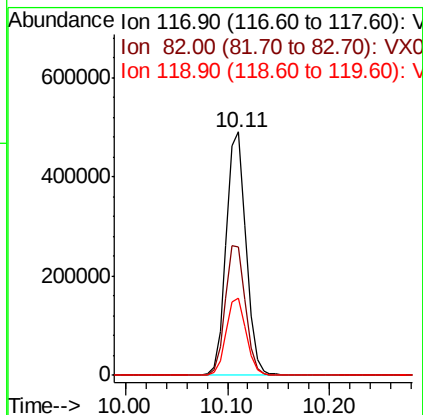
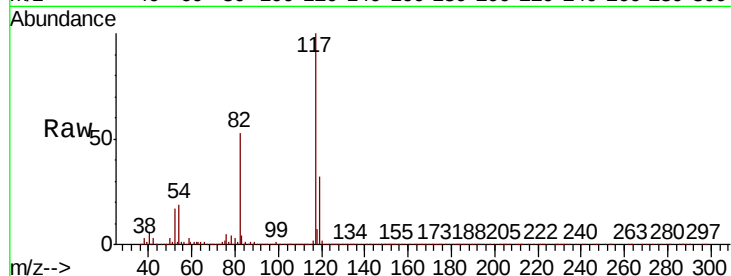




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014755.D
Acq: 28 Jan 2020 17:02

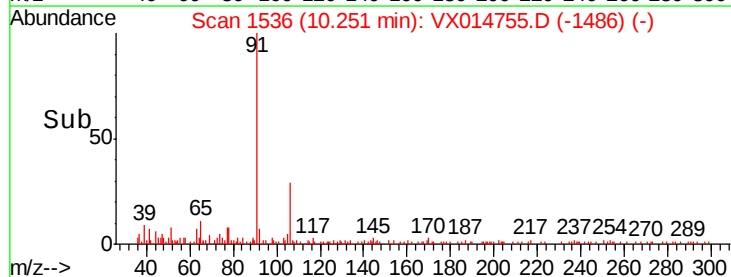
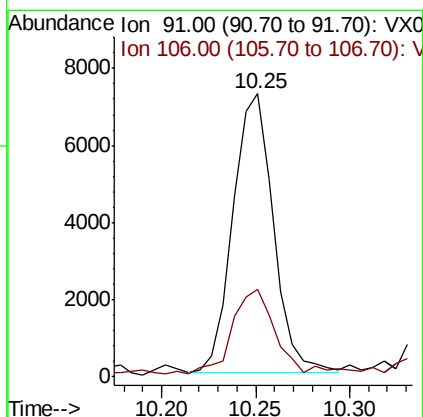
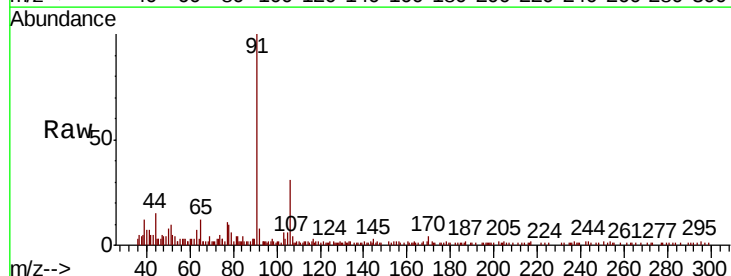
Instrument :
MSVOA_X
ClientSampleId :

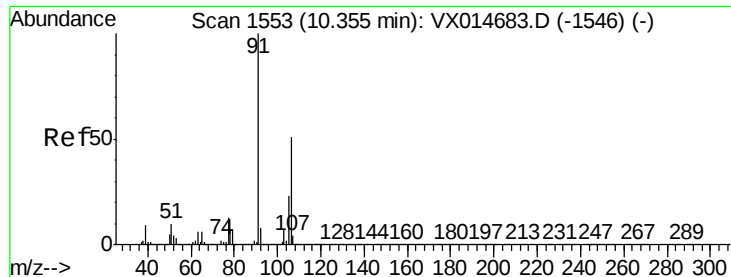
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.2	64.8
119	31.8	25.8	38.6



#67
Ethyl Benzene
Concen: 0.448 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX014755.D
Acq: 28 Jan 2020 17:02

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.9	37.3





#68

m/p-Xylenes

Concen: 1.896 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014755.D

Acq: 28 Jan 2020 17:02

Instrument :

MSVOA_X

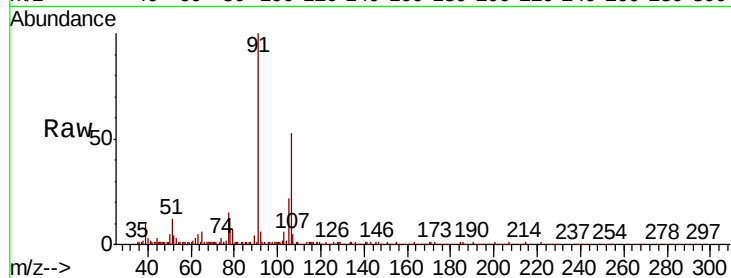
ClientSampleId :

Tot Ion:106 Resp: 17233

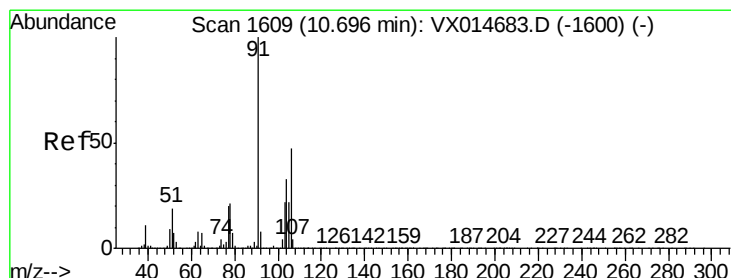
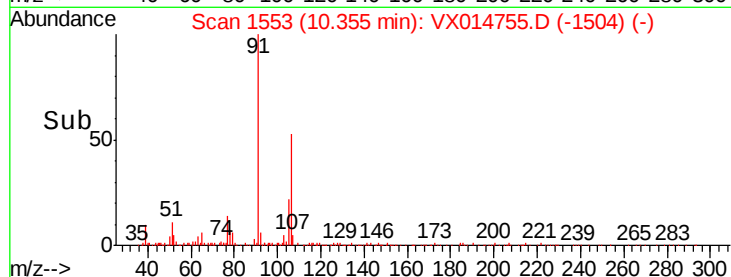
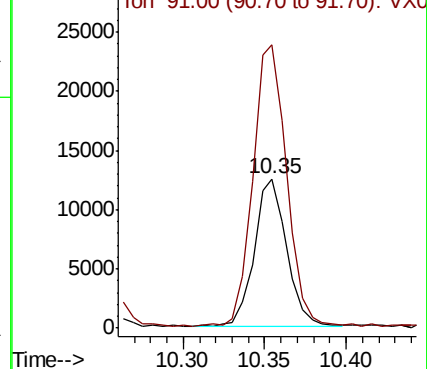
Ion Ratio Lower Upper

106 100

91 196.9 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V



#69

o-Xylene

Concen: 1.291 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX014755.D

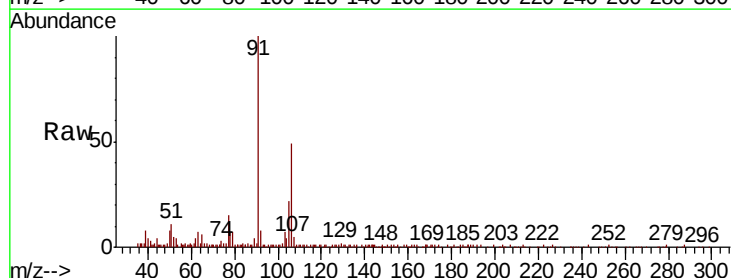
Acq: 28 Jan 2020 17:02

Tgt Ion:106 Resp: 11333

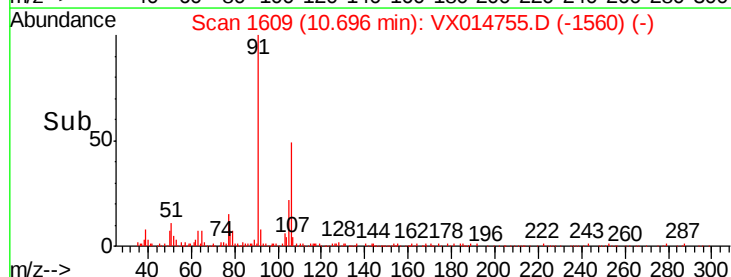
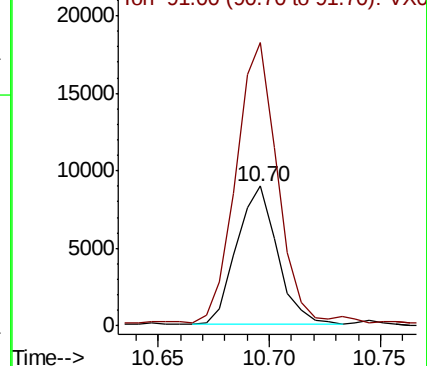
Ion Ratio Lower Upper

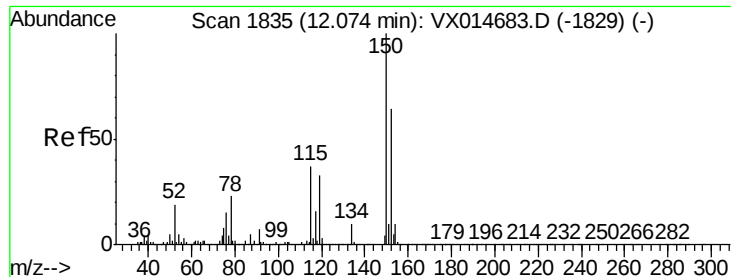
106 100

91 208.1 106.2 318.6



Abundance Ion 106.00 (105.70 to 106.70): V



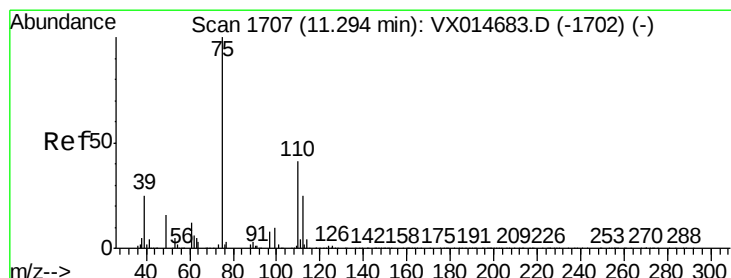
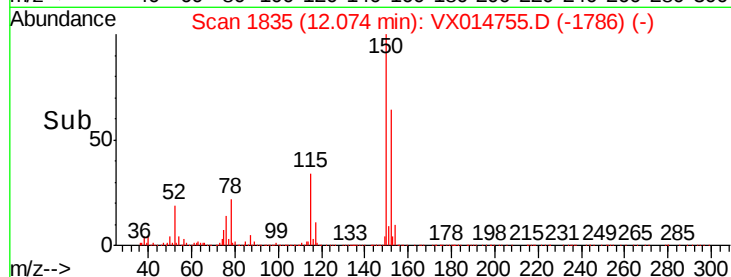
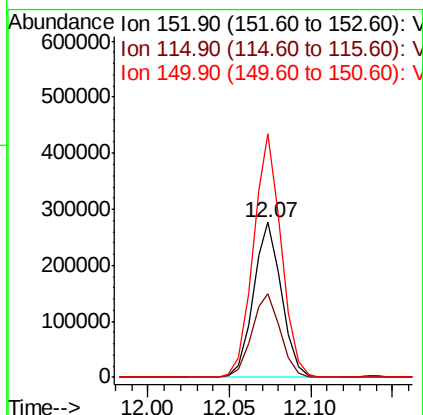
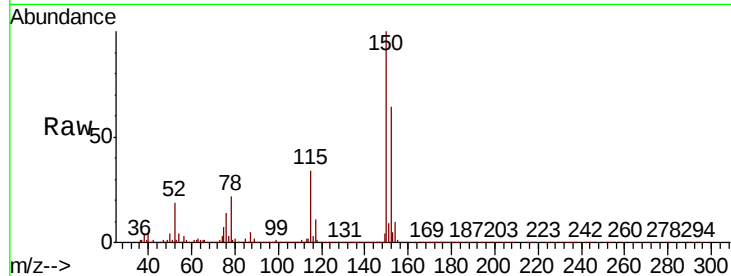


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014755.D
Acq: 28 Jan 2020 17:02

Instrument :
MSVOA_X
ClientSampleId :

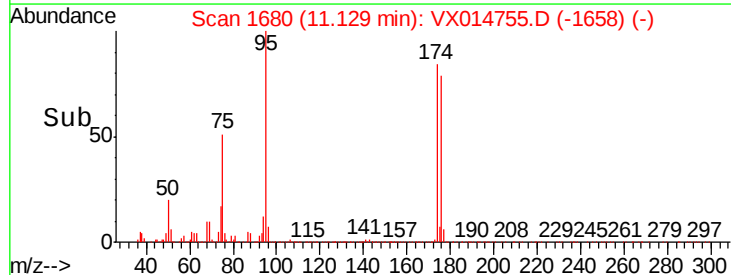
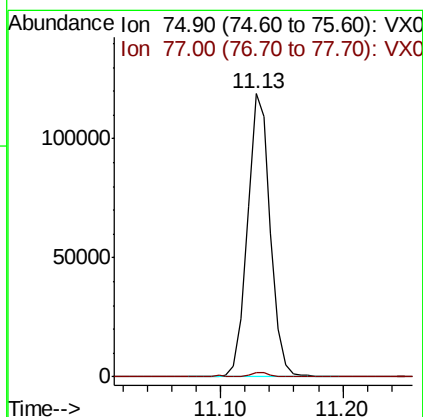
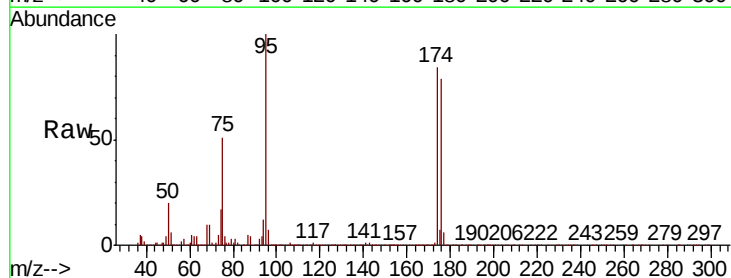
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.8	39.4	118.1
150	156.3	0.0	351.2

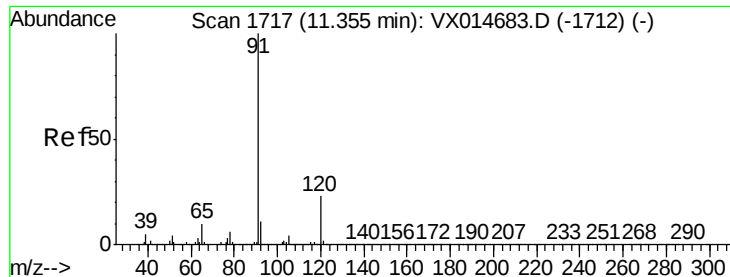


#76

1,2,3-Trichloropropane
Concen: 20.103 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014755.D
Acq: 28 Jan 2020 17:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	18.7	56.1





#78

n-propylbenzene

Concen: 0.404 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014755.D

Acq: 28 Jan 2020 17:02

Instrument :

MSVOA_X

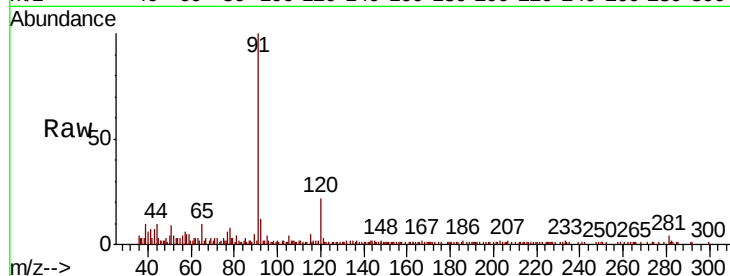
ClientSampleId :

Tot Ion: 91 Resp: 10609

Ion Ratio Lower Upper

91 100

120 27.4 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX014683.D (-1712) (-)

Ion 120.00 (119.70 to 120.70): VX014683.D (-1712) (-)

12000

10000

8000

6000

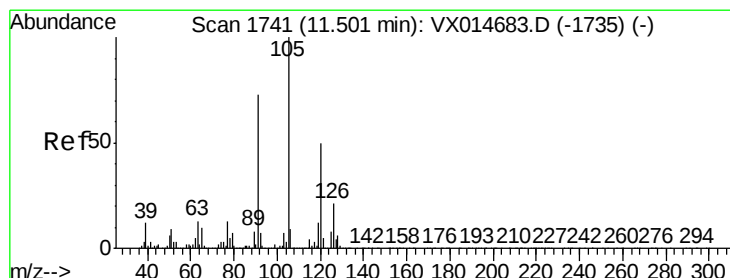
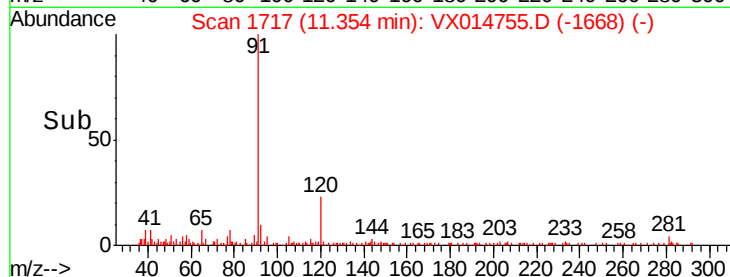
4000

2000

0

11.30 11.35 11.40

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 1.110 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014755.D

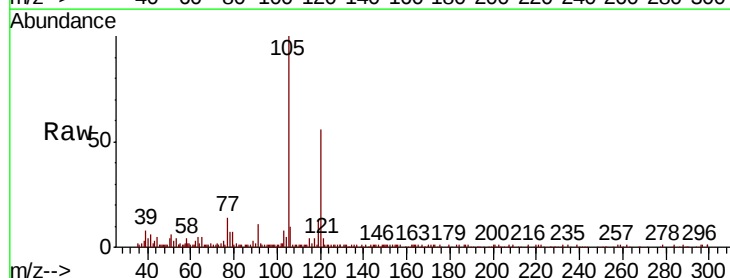
Acq: 28 Jan 2020 17:02

Tgt Ion: 105 Resp: 21297

Ion Ratio Lower Upper

105 100

120 48.9 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX014683.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX014683.D (-1735) (-)

20000

15000

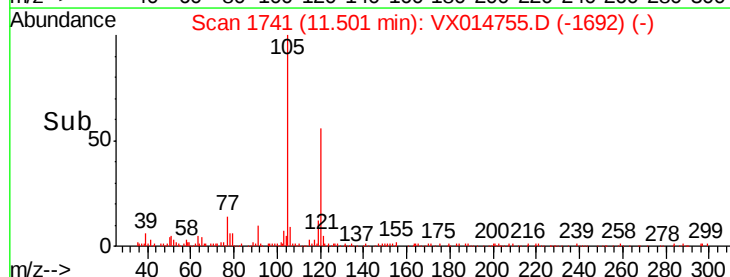
10000

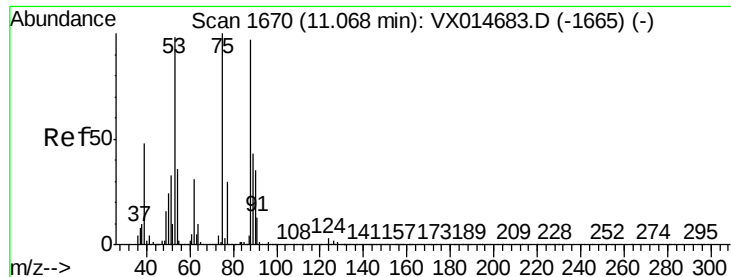
5000

0

11.45 11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 57.209 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX014755.D

Acq: 28 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

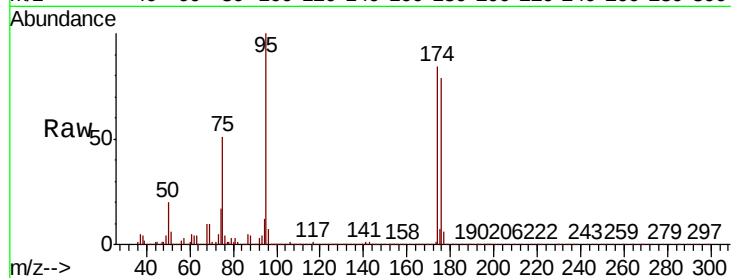
Tot Ion: 75 Resp: 153817

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

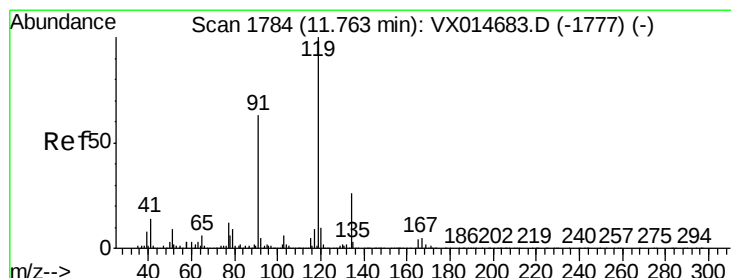
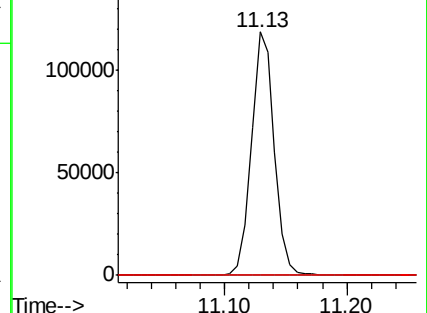
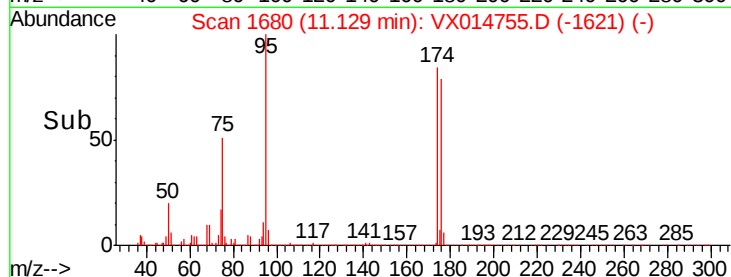
89 0.0 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#83

tert-Butylbenzene

Concen: 0.777 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.04 min

Lab File: VX014755.D

Acq: 28 Jan 2020 17:02

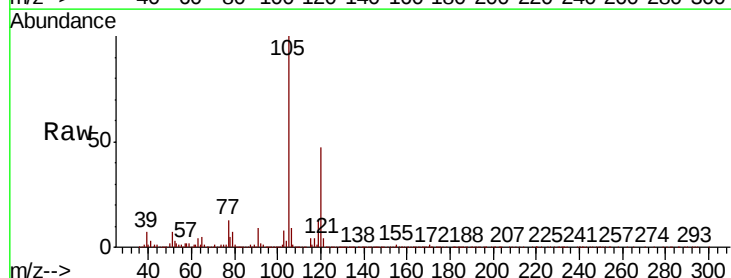
Tgt Ion: 119 Resp: 14010

Ion Ratio Lower Upper

119 100

91 79.9 30.0 90.0

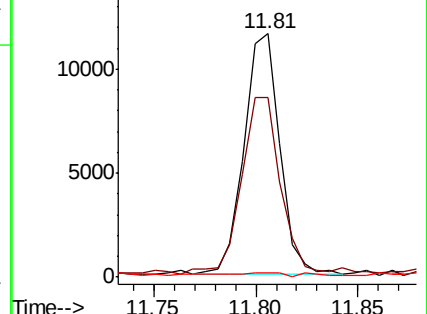
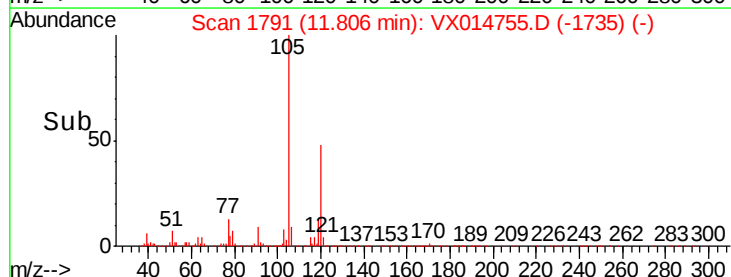
134 2.3 12.7 38.0#

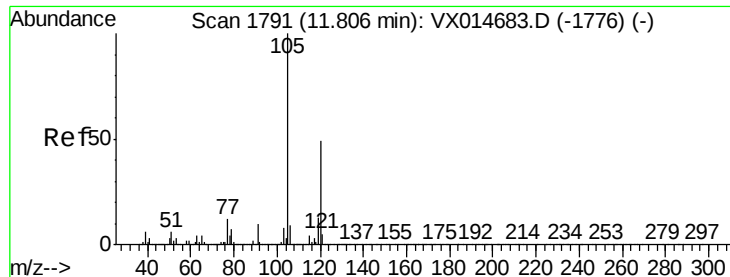


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V





#84

1,2,4-Trimethylbenzene

Concen: 5.945 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX014755.D

Acq: 28 Jan 2020 17:02

Instrument :

MSVOA_X

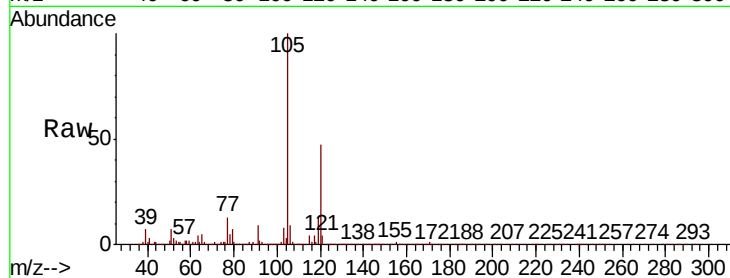
ClientSampleId :

Tot Ion:105 Resp: 114448

Ion Ratio Lower Upper

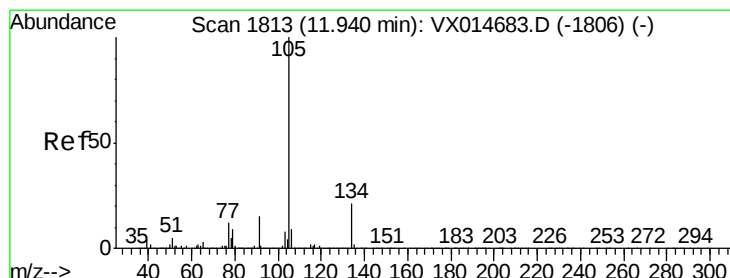
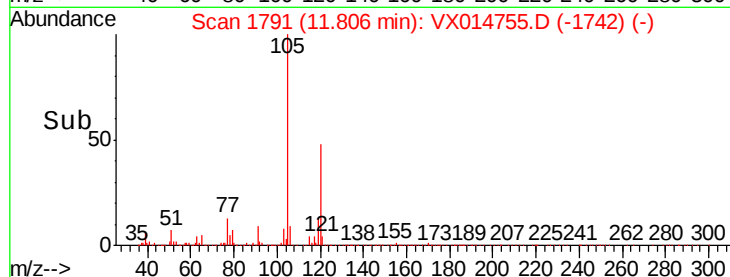
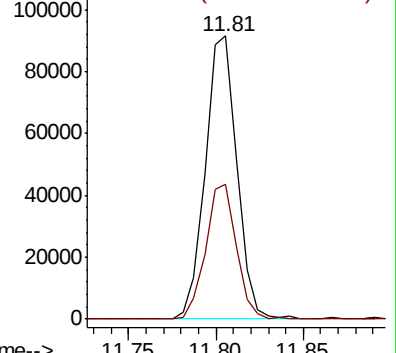
105 100

120 46.0 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.311 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014755.D

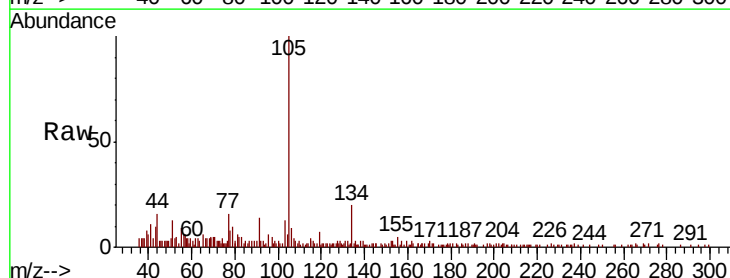
Acq: 28 Jan 2020 17:02

Tgt Ion:105 Resp: 6882

Ion Ratio Lower Upper

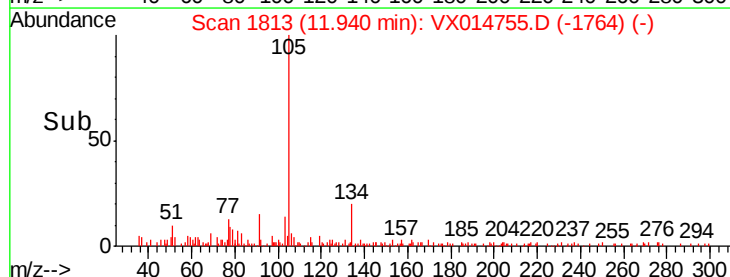
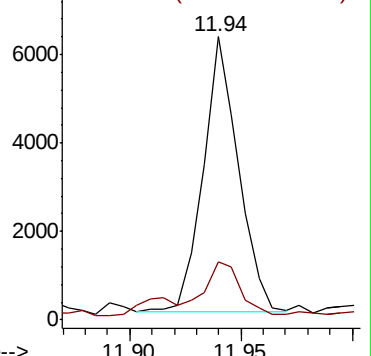
105 100

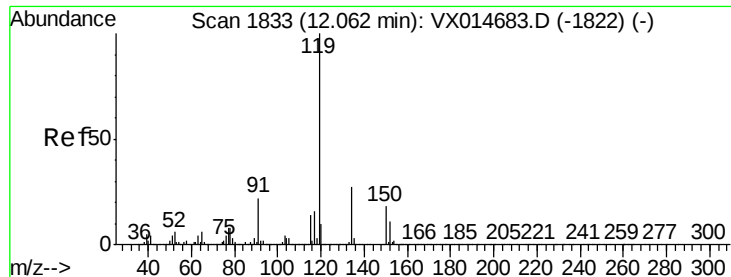
134 22.7 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

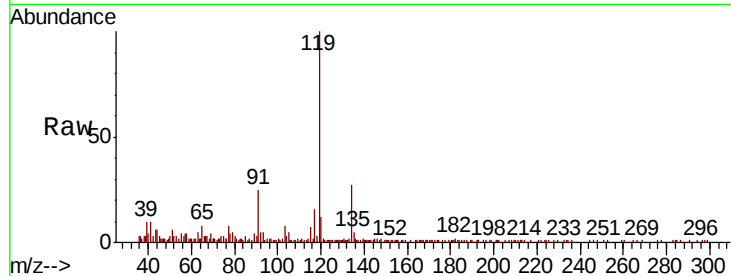




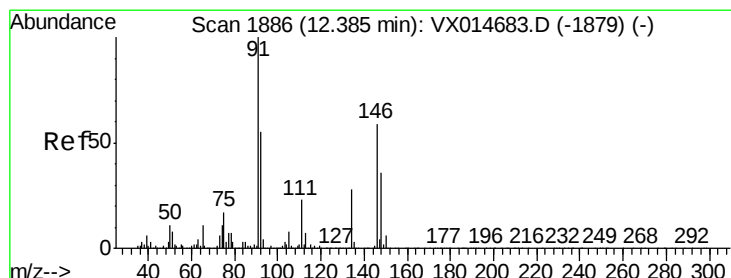
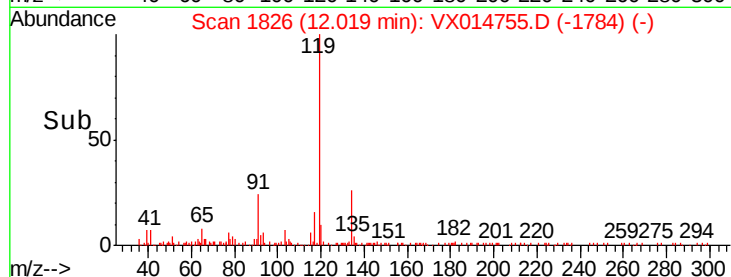
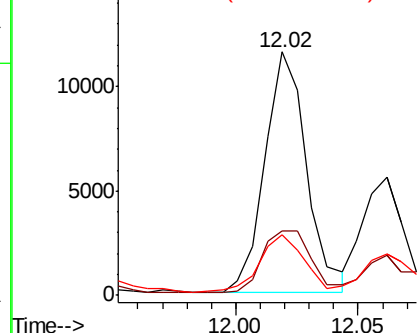
#86
p-Isopropyltoluene
Concen: 0.682 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.04 min
Lab File: VX014755.D
Acq: 28 Jan 2020 17:02

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
134	30.8	13.5	40.4
91	24.6	11.3	33.8

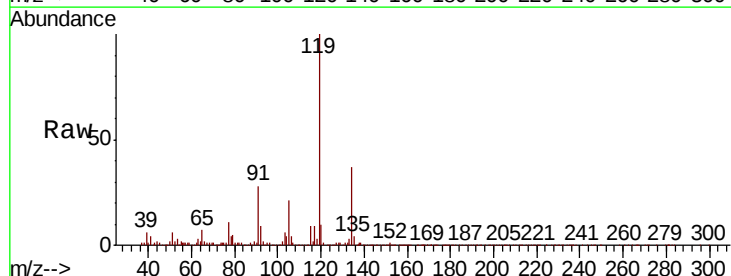


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

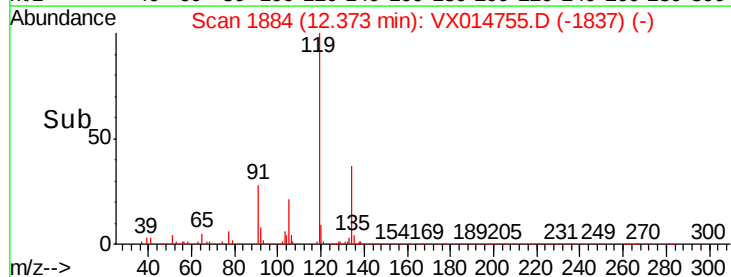
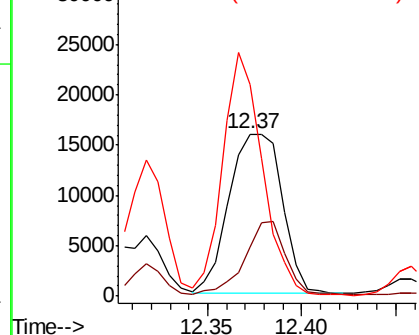


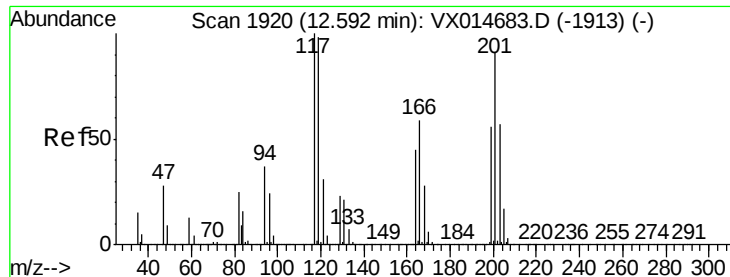
#89
n-Butylbenzene
Concen: 1.749 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VX014755.D
Acq: 28 Jan 2020 17:02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	35.2	27.6	82.7
134	113.2	13.3	39.8#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 1.874 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VX014755.D

Acq: 28 Jan 2020 17:02

Instrument :

MSVOA_X

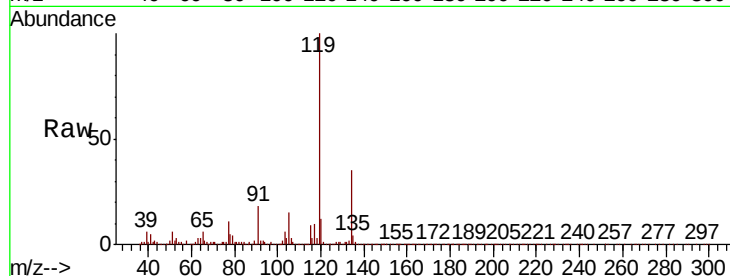
ClientSampleId :

Tot Ion:117 Resp: 7106

Ion Ratio Lower Upper

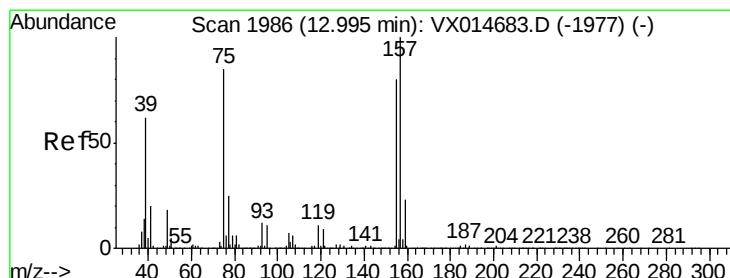
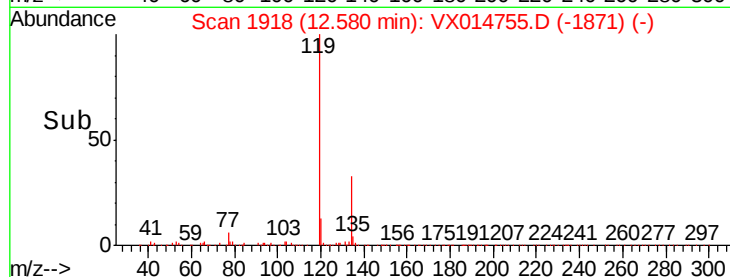
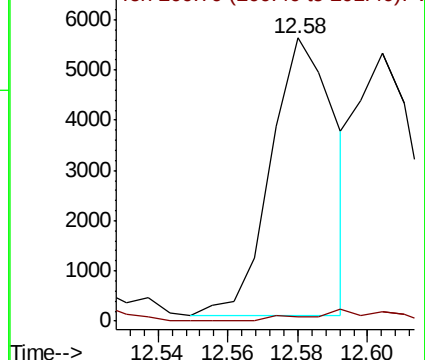
117 100

201 5.0 44.4 133.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.695 ug/l

RT: 13.01 min Scan# 1989

Delta R.T. 0.02 min

Lab File: VX014755.D

Acq: 28 Jan 2020 17:02

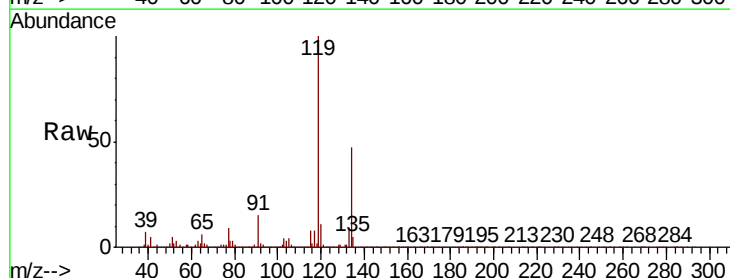
Tgt Ion: 75 Resp: 1233

Ion Ratio Lower Upper

75 100

155 27.4 45.6 136.9#

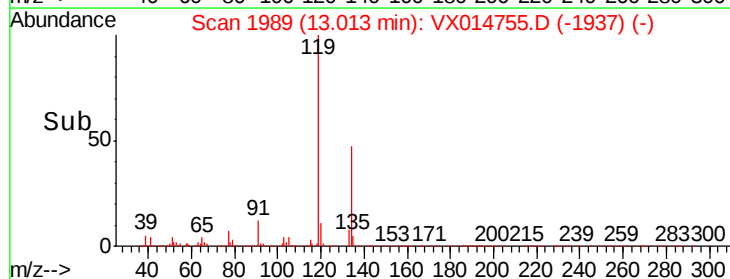
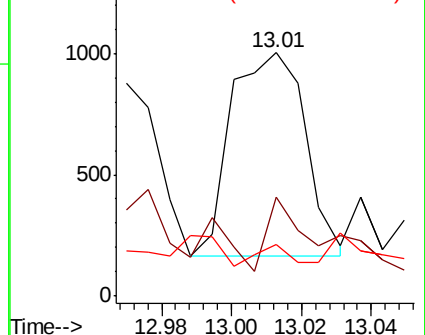
157 21.2 60.3 180.9#

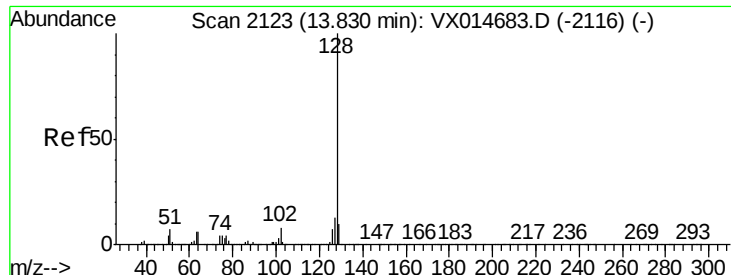


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 10.467 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014755.D
Acq: 28 Jan 2020 17:02

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	12.2	8.6	12.8

