

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
 Data File : VX013738.D
 Acq On : 03 Dec 2019 20:27
 Operator : JC/SP
 Sample : K6084-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30740

Quant Time: Dec 04 00:43:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	736621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1095778	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	989821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	491485	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	386205	45.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.34%	
35) Dibromofluoromethane	5.49	113	330406	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
50) Toluene-d8	8.71	98	1299774	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.13	95	465855	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	

Target Compounds

						Qvalue
3) Chloromethane	1.29	50	128899	14.011	ug/l #	69
5) Bromomethane	1.64	94	1537	0.221	ug/l #	71
6) Chloroethane	1.78	64	2691	0.457	ug/l #	80
11) Tert butyl alcohol	3.03	59	32374	15.339	ug/l #	74
13) Acrolein	2.39	56	201389	145.258	ug/l #	75
14) Allyl chloride	2.84	41	237072	18.635	ug/l #	64
15) Acrylonitrile	3.17	53	32526	7.466	ug/l #	40
16) Acetone	2.39	43	550906	130.500	ug/l #	53
17) Carbon Disulfide	2.56	76	14270	0.714	ug/l #	89
18) Methyl Acetate	2.84	43	579111	49.264	ug/l #	51
20) Methylene Chloride	2.85	84	17644	2.176	ug/l #	56
25) 2-Butanone	4.67	43	43131	6.875	ug/l	99
26) 2,2-Dichloropropane	4.39	77	4199	0.379	ug/l	79
31) Cyclohexane	5.57	56	1584669	125.462	ug/l	98
36) 1,1-Dichloropropene	5.65	75	49123	4.939	ug/l #	51
37) Ethyl Acetate	4.67	43	43131	3.865	ug/l #	70
38) Carbon Tetrachloride	5.65	117	60570	6.604	ug/l #	15
39) Methylcyclohexane	7.46	83	560109	45.555	ug/l	99
40) Benzene	6.13	78	822394	27.146	ug/l	99
42) 1,2-Dichloroethane	6.12	62	7471	0.723	ug/l	81
43) Isopropyl Acetate	6.43	43	135300	7.365	ug/l	99
45) 1,2-Dichloropropane	7.46	63	5323	0.702	ug/l #	1
48) Methyl methacrylate	7.72	41	8234	0.922	ug/l #	62
49) 1,4-Dioxane	7.73	88	512	2.563	ug/l #	24
51) 4-Methyl-2-Pentanone	8.61	43	108497	9.389	ug/l #	50
52) Toluene	8.78	92	328898	17.476	ug/l	99
54) cis-1,3-Dichloropropene	8.61	75	50042	4.135	ug/l #	56
59) 2-Hexanone	9.54	43	97183	10.783	ug/l #	56
67) Ethyl Benzene	10.25	91	26306	0.745	ug/l	93
68) m/p-Xylenes	10.35	106	65864	4.872	ug/l	97
69) o-Xylene	10.70	106	14585	1.106	ug/l	100
74) N-amyl acetate	10.91	43	5371	0.340	ug/l #	89
76) 1,2,3-Trichloropropane	11.13	75	229900	20.797	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.50	105	15202	0.538	ug/l	96

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QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

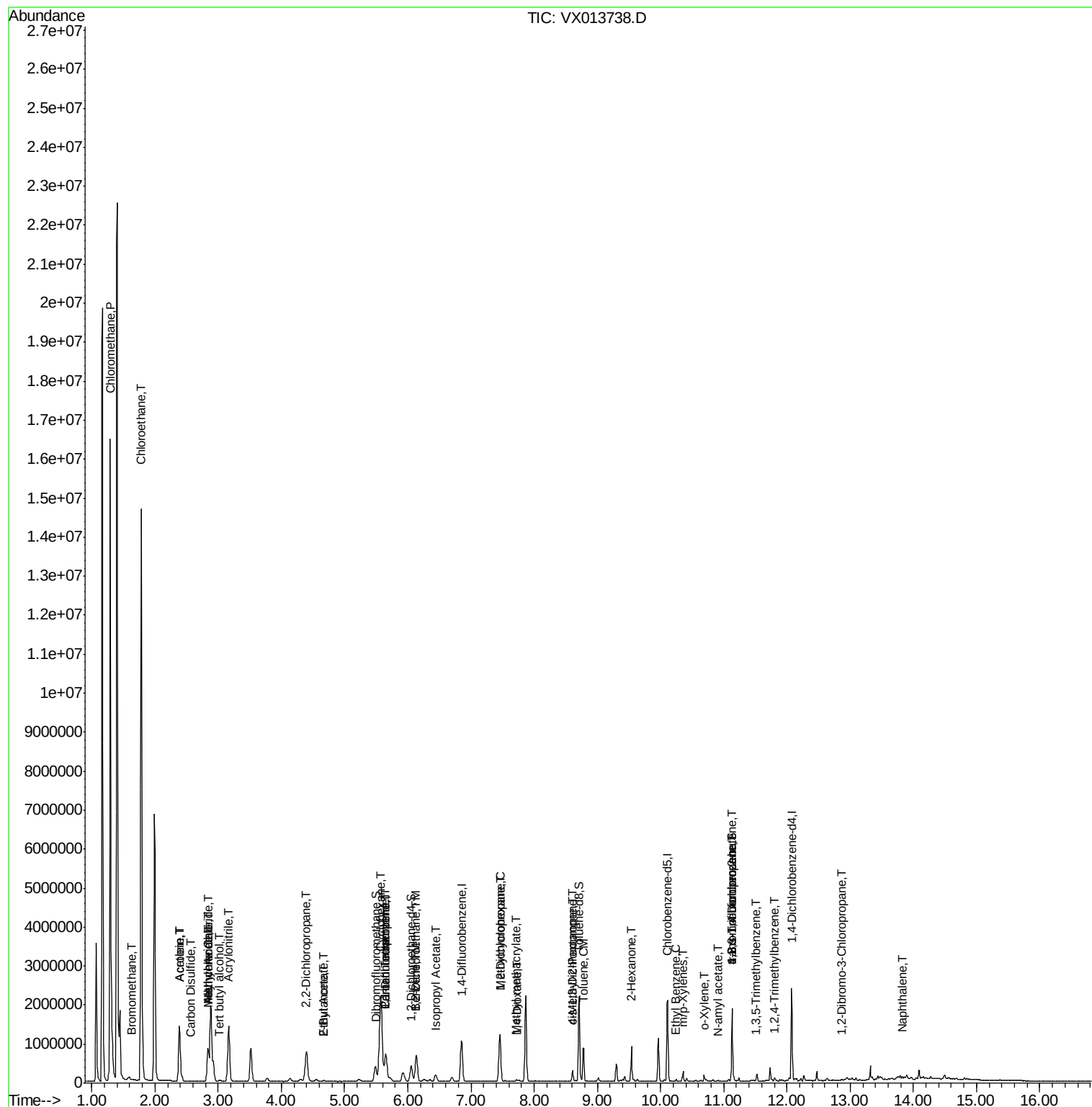
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.13	75	229900	56.897	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.81	105	36658	1.278	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.87	75	835	0.321	ug/l	60
95) Naphthalene	13.83	128	10407	0.313	ug/l #	94

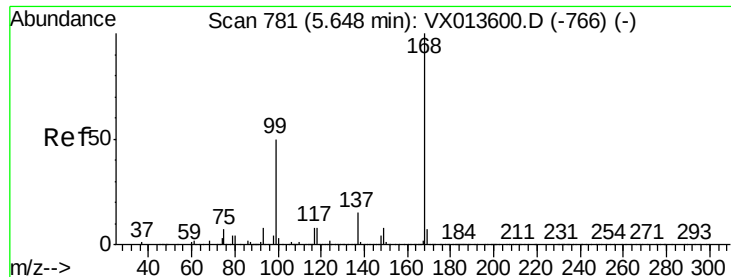
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120319\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013738.D

Acq: 03 Dec 2019 20:27

Instrument :

MSVOA_X

ClientSampleId :

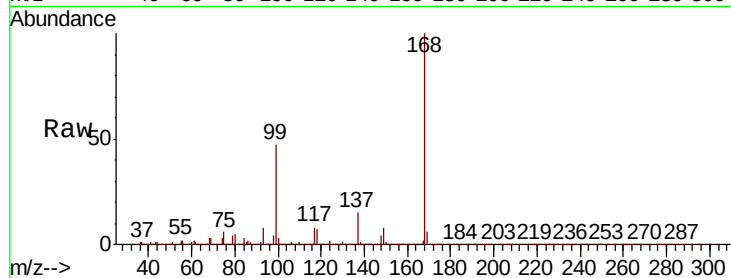
30740

Tot Ion:168 Resp: 736621

Ion Ratio Lower Upper

168 100

99 46.7 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

300000

250000

200000

150000

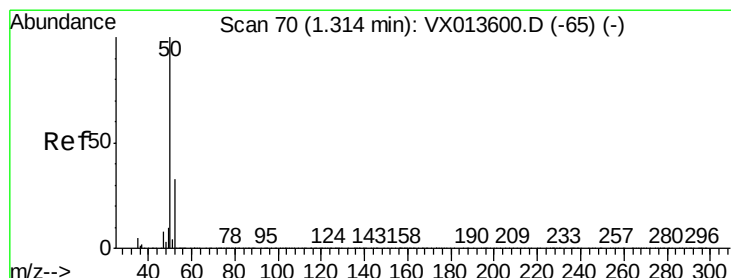
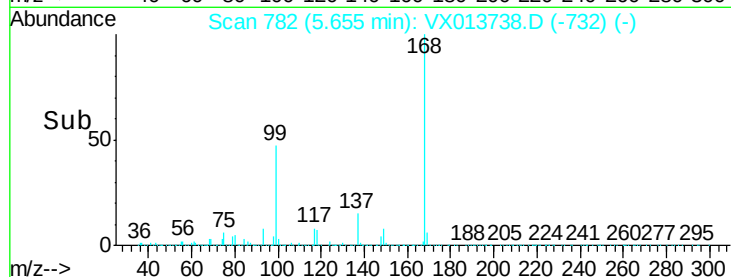
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 14.011 ug/l

RT: 1.29 min Scan# 66

Delta R.T. -0.02 min

Lab File: VX013738.D

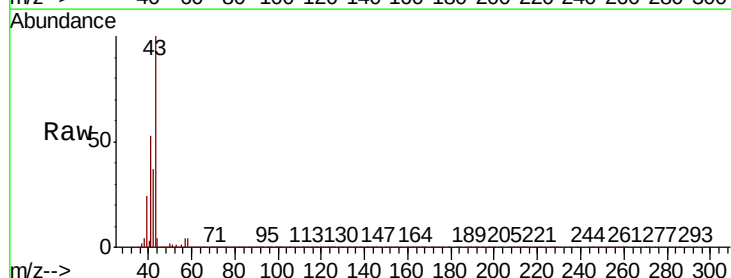
Acq: 03 Dec 2019 20:27

Tgt Ion: 50 Resp: 128899

Ion Ratio Lower Upper

50 100

52 15.2 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

300000

250000

200000

150000

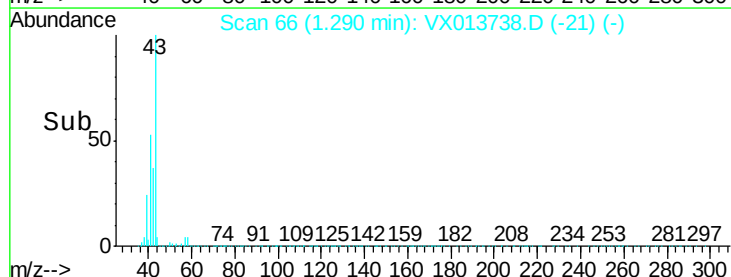
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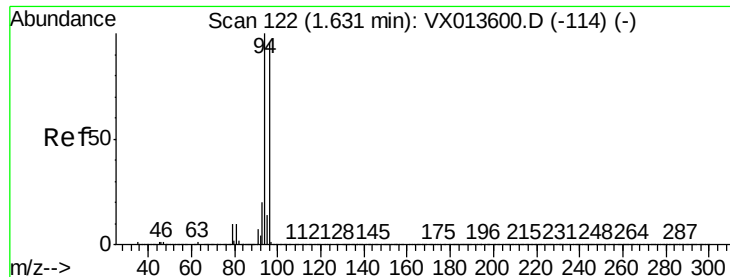
50000

0

Time-->

1.20 1.25 1.30 1.35 1.40





#5

Bromomethane

Concen: 0.221 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX013738.D

Acq: 03 Dec 2019 20:27

Instrument :

MSVOA_X

ClientSampleId :

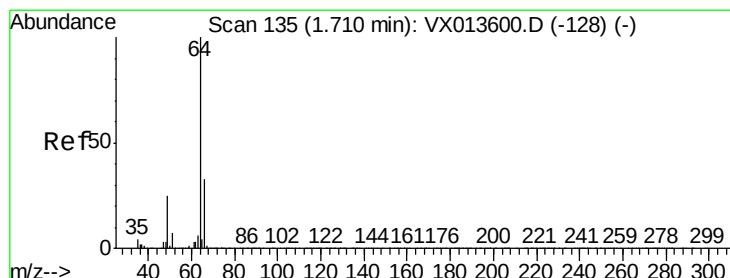
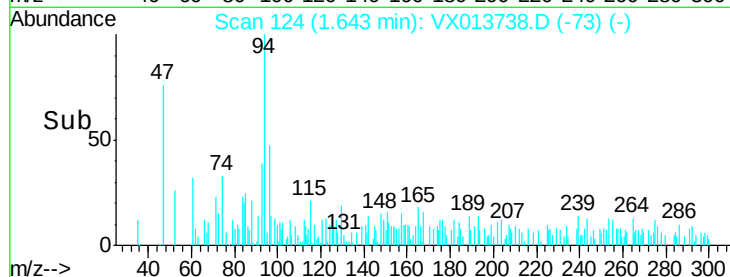
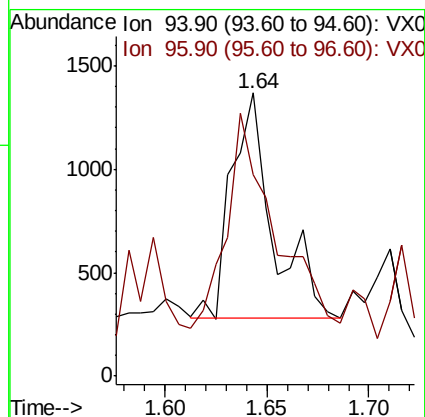
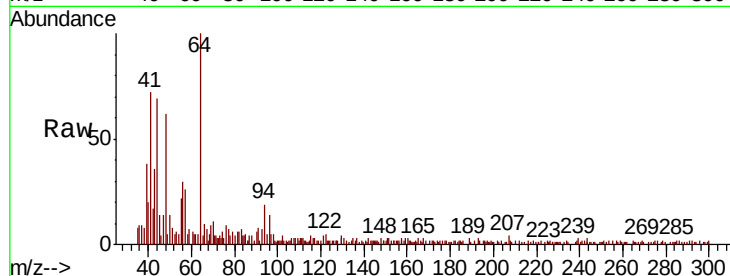
30740

Tot Ion: 94 Resp: 1537

Ion Ratio Lower Upper

94 100

96 68.1 77.0 115.4#



#6

Chloroethane

Concen: 0.457 ug/l

RT: 1.78 min Scan# 146

Delta R.T. 0.07 min

Lab File: VX013738.D

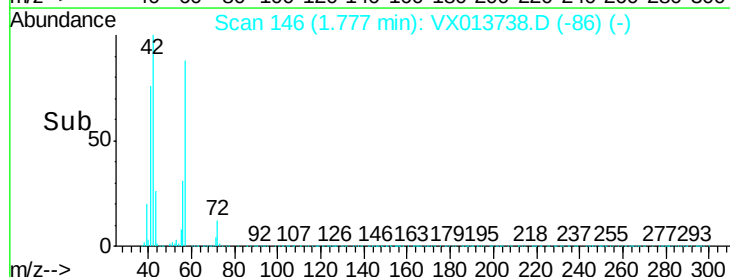
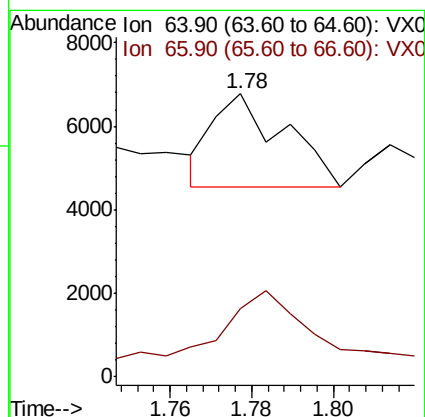
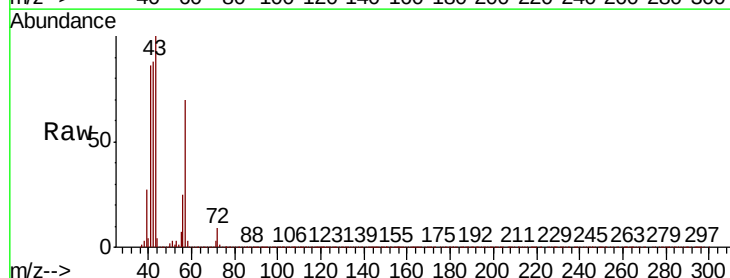
Acq: 03 Dec 2019 20:27

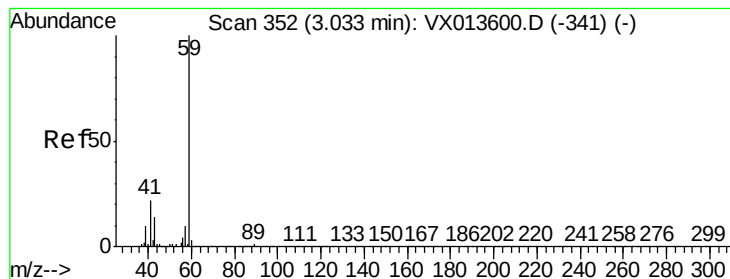
Tgt Ion: 64 Resp: 2691

Ion Ratio Lower Upper

64 100

66 45.0 26.7 40.1#





#11

Tert butyl alcohol

Concen: 15.339 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX013738.D

Acq: 03 Dec 2019 20:27

Instrument :

MSVOA_X

ClientSampled :

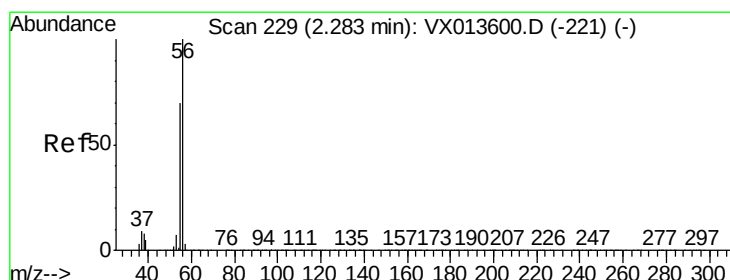
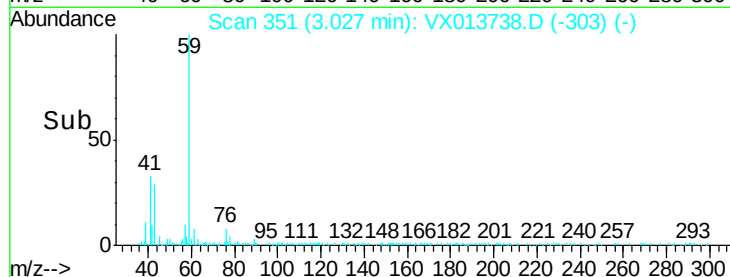
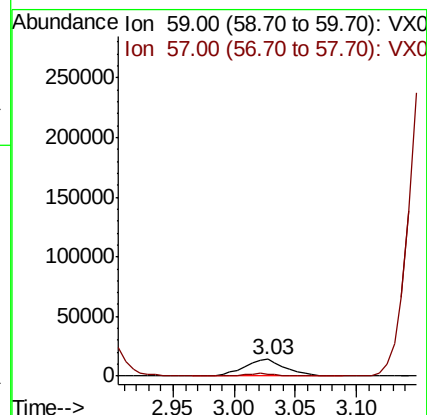
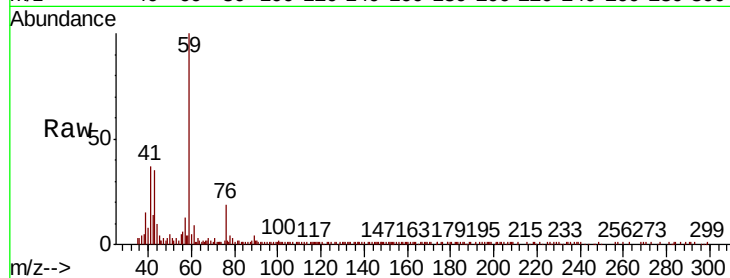
30740

Tot Ion: 59 Resp: 32374

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#13

Acrolein

Concen: 145.258 ug/l

RT: 2.39 min Scan# 246

Delta R.T. 0.10 min

Lab File: VX013738.D

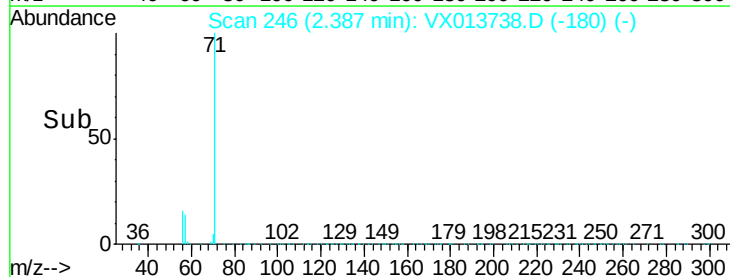
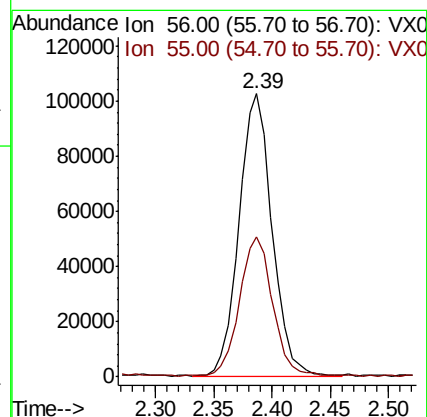
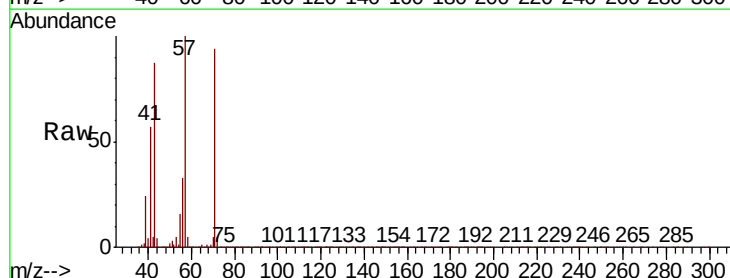
Acq: 03 Dec 2019 20:27

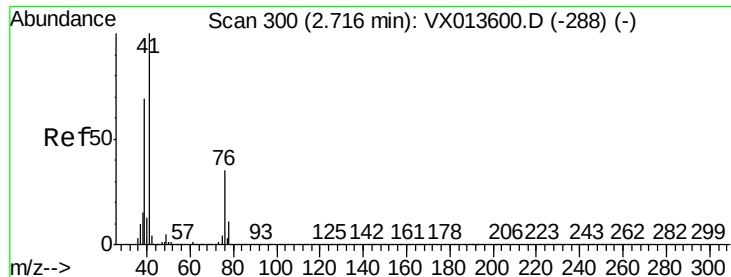
Tgt Ion: 56 Resp: 201389

Ion Ratio Lower Upper

56 100

55 49.9 56.2 84.4#





#14

Allvl chloride

Concen: 18.635 ug/l

RT: 2.84 min Scan# 320

Delta R.T. 0.12 min

Lab File: VX013738.D

Acq: 03 Dec 2019 20:27

Instrument :

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30740

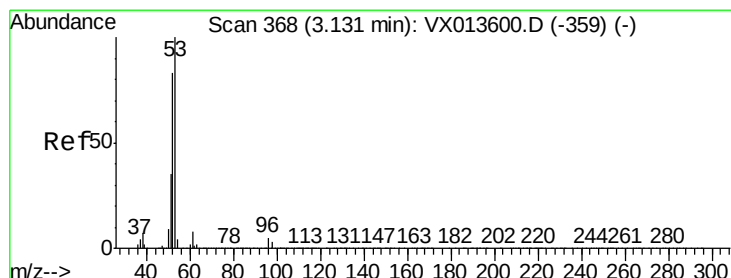
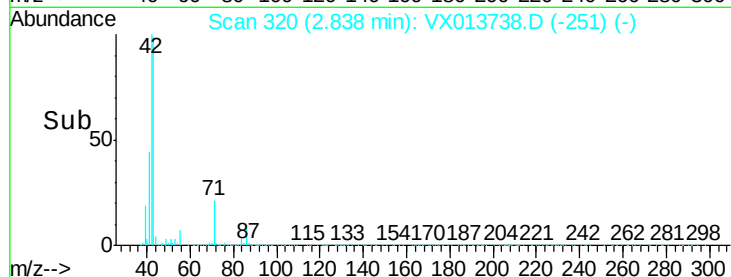
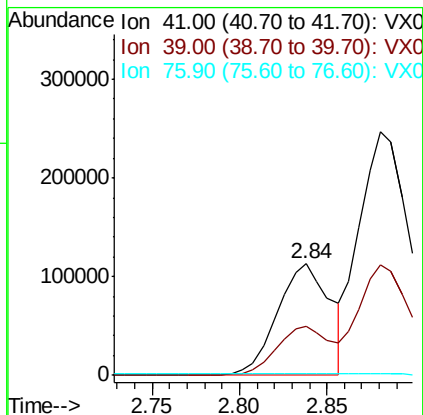
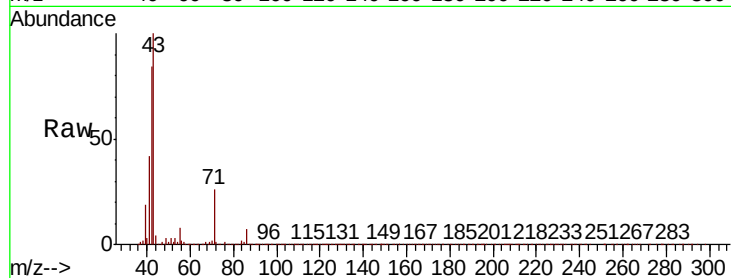
Tot Ion: 41 Resp: 237072

Ion Ratio Lower Upper

41 100

39 44.6 51.7 77.5#

76 0.0 25.9 38.9#



#15

Acrylonitrile

Concen: 7.466 ug/l

RT: 3.17 min Scan# 374

Delta R.T. 0.04 min

Lab File: VX013738.D

Acq: 03 Dec 2019 20:27

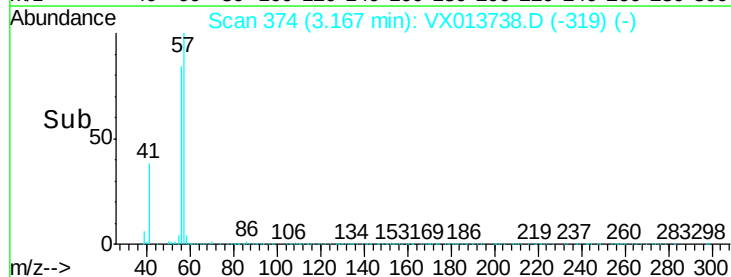
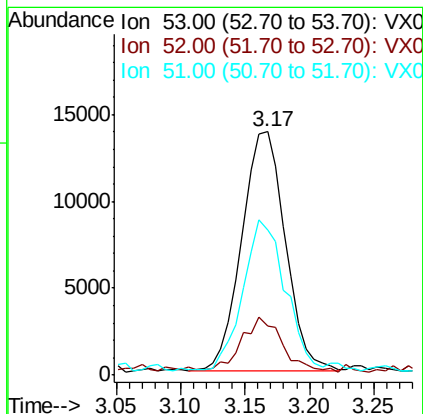
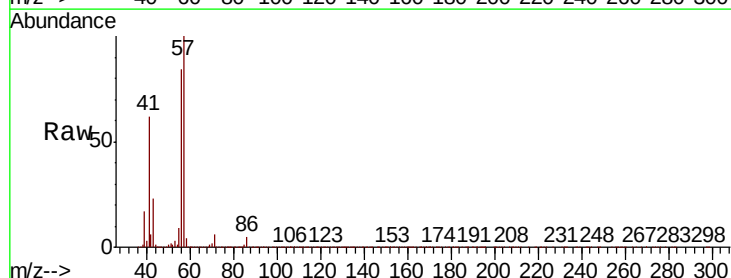
Tgt Ion: 53 Resp: 32526

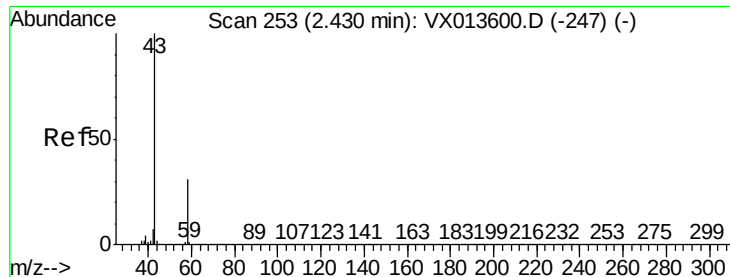
Ion Ratio Lower Upper

53 100

52 20.4 66.2 99.2#

51 59.7 29.0 43.6#





#16

Acetone

Concen: 130.500 ug/l

RT: 2.39 min Scan# 246

Delta R.T. -0.04 min

Lab File: VX013738.D

Acq: 03 Dec 2019 20:27

Instrument :

MSVOA_X

ClientSampleId :

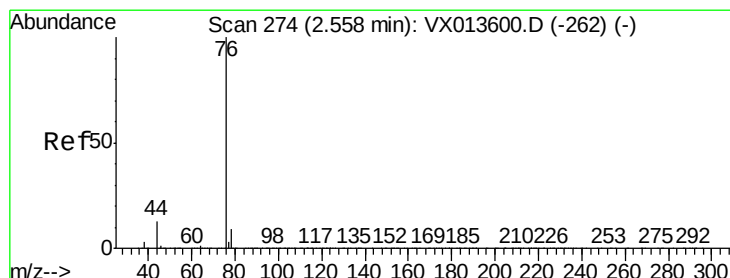
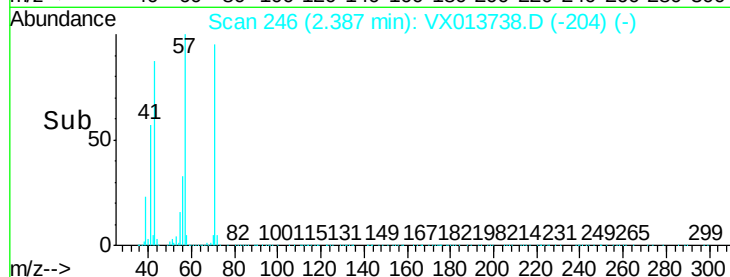
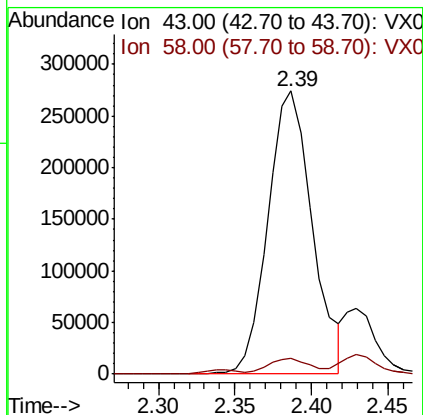
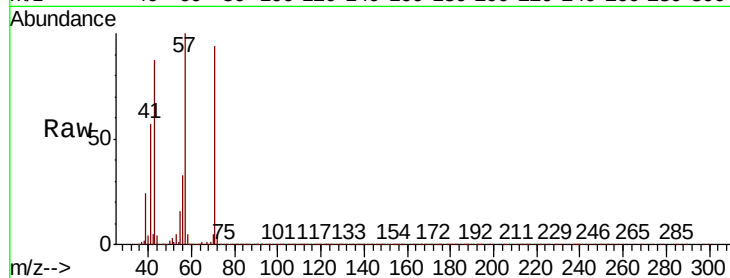
30740

Tot Ion: 43 Resp: 550906

Ion Ratio Lower Upper

43 100

58 5.2 24.6 36.8#



#17

Carbon Disulfide

Concen: 0.714 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013738.D

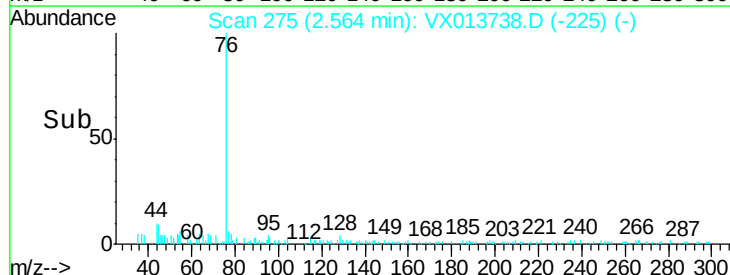
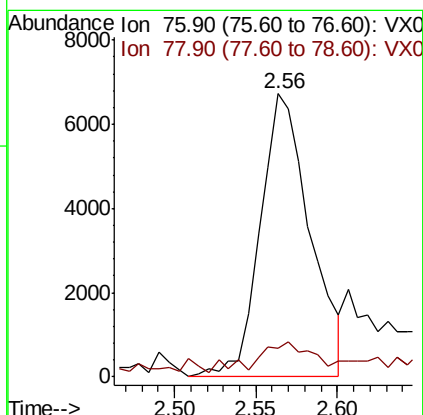
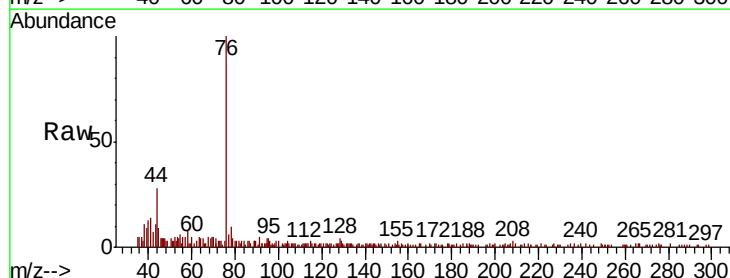
Acq: 03 Dec 2019 20:27

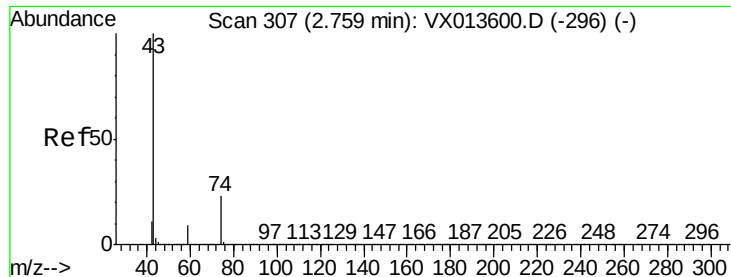
Tgt Ion: 76 Resp: 14270

Ion Ratio Lower Upper

76 100

78 4.9 7.2 10.8#

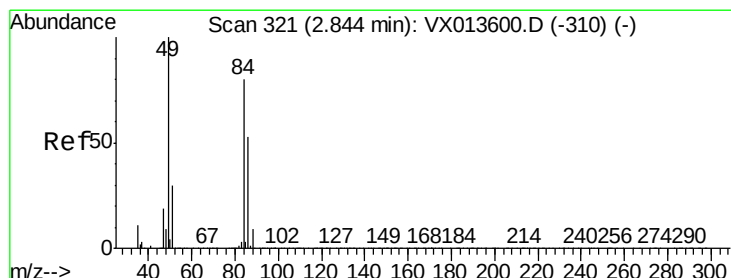
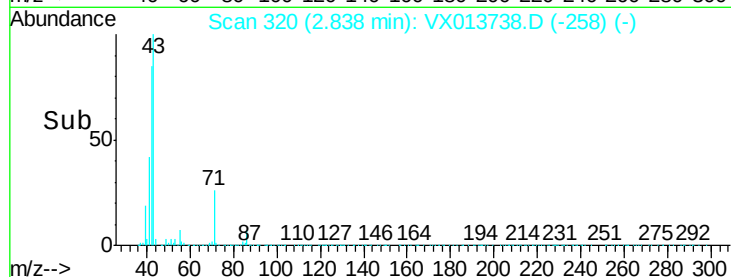
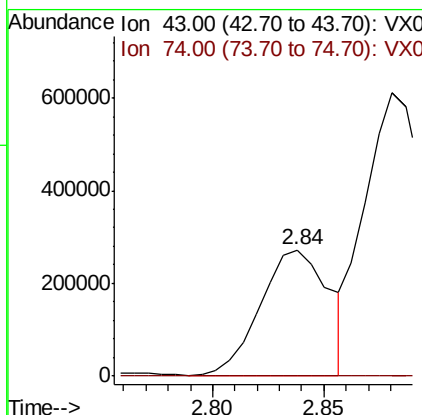
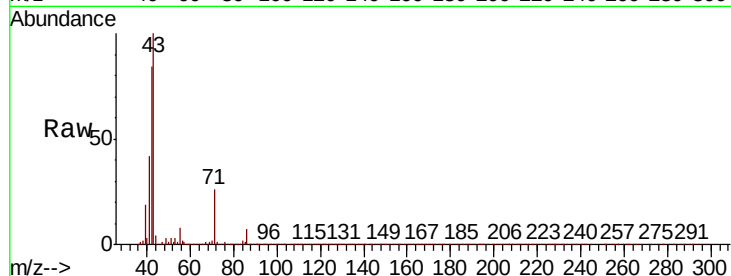




#18
Methyl Acetate
Concen: 49.264 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.08 min
Lab File: VX013738.D
Acq: 03 Dec 2019 20:27

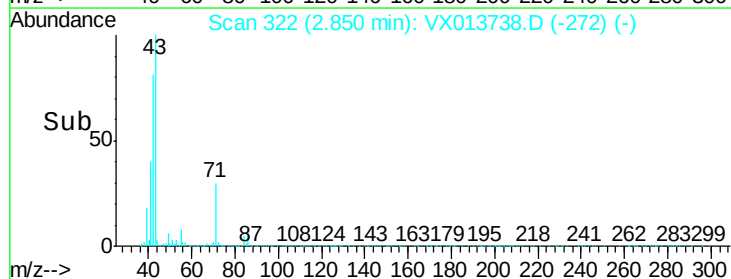
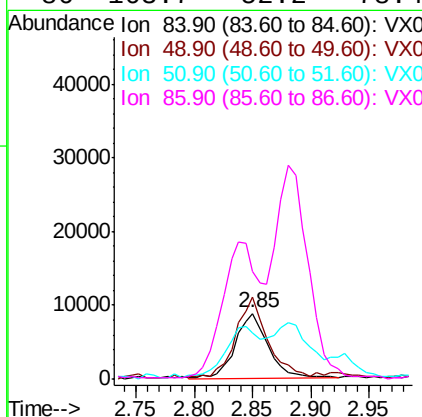
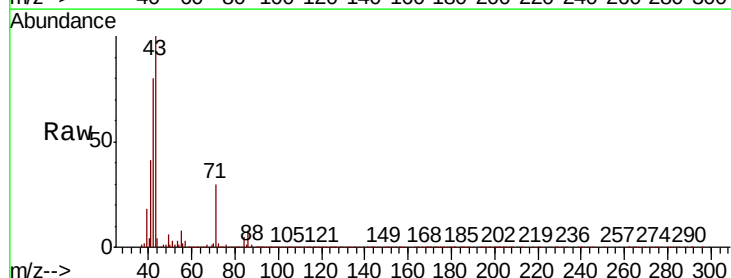
Instrument :
MSVOA_X
ClientSampled :
30740

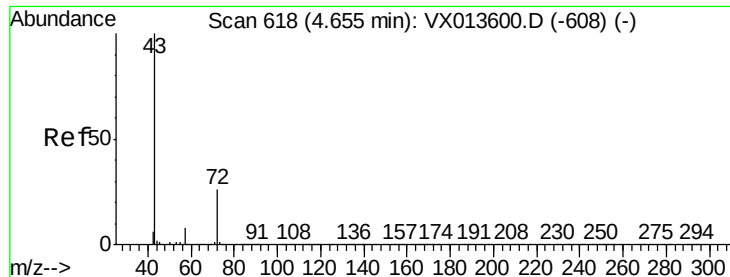
Tot Ion: 43 Resp: 579111
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#20
Methylene Chloride
Concen: 2.176 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013738.D
Acq: 03 Dec 2019 20:27

Tgt Ion: 84 Resp: 17644
Ion Ratio Lower Upper
84 100
49 122.9 99.7 149.5
51 65.9 29.9 44.9#
86 163.7 52.2 78.4#





#25

2-Butanone

Concen: 6.875 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX013738.D

Acq: 03 Dec 2019 20:27

Instrument :

MSVOA_X

ClientSampleId :

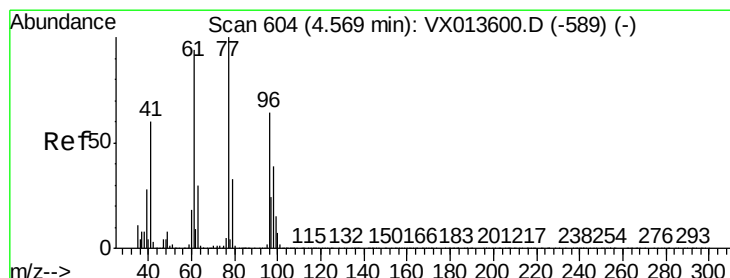
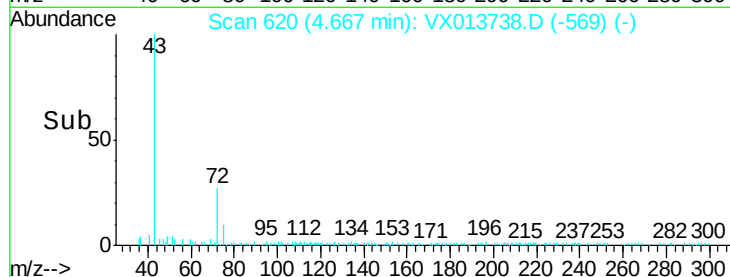
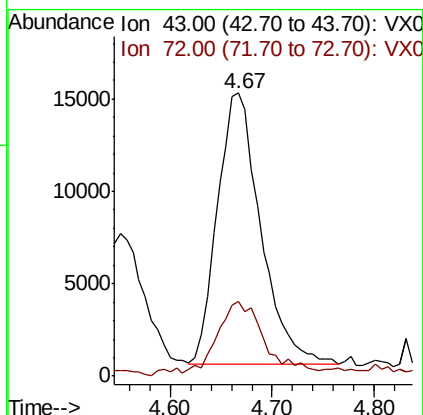
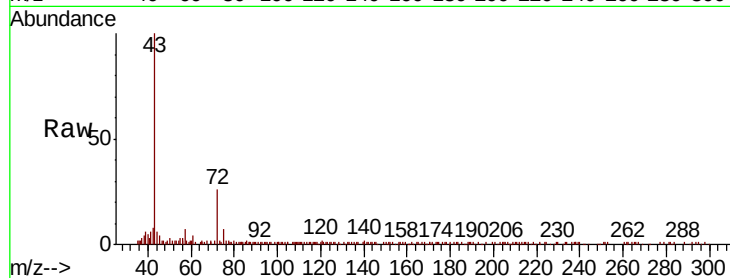
30740

Tot Ion: 43 Resp: 43131

Ion Ratio Lower Upper

43 100

72 25.1 20.6 31.0



#26

2,2-Dichloropropane

Concen: 0.379 ug/l

RT: 4.39 min Scan# 574

Delta R.T. -0.18 min

Lab File: VX013738.D

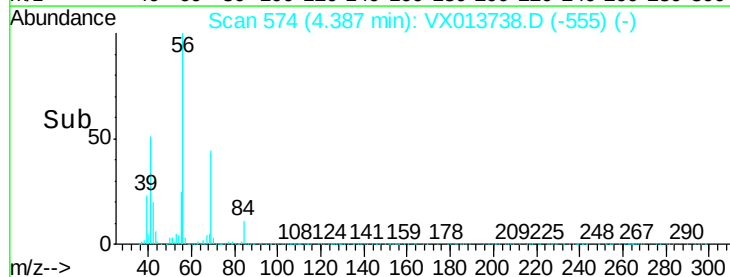
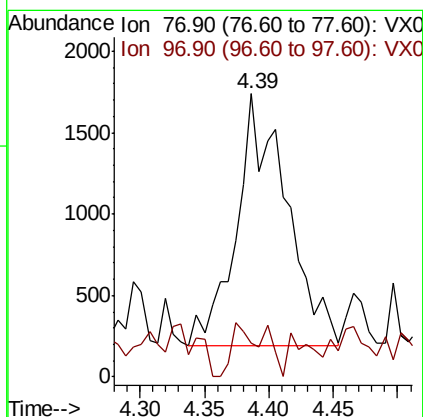
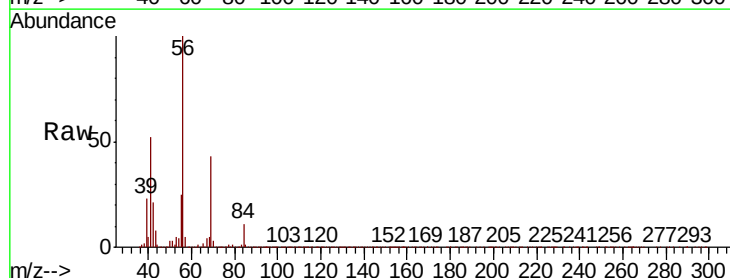
Acq: 03 Dec 2019 20:27

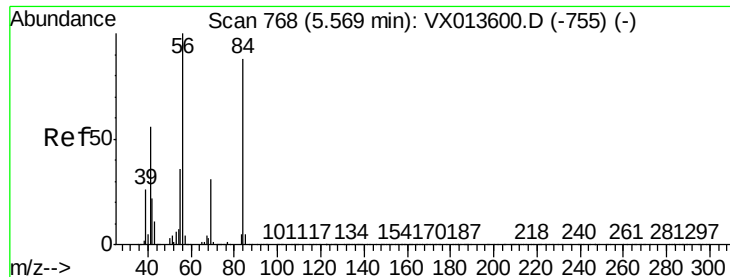
Tgt Ion: 77 Resp: 4199

Ion Ratio Lower Upper

77 100

97 13.6 12.0 36.1

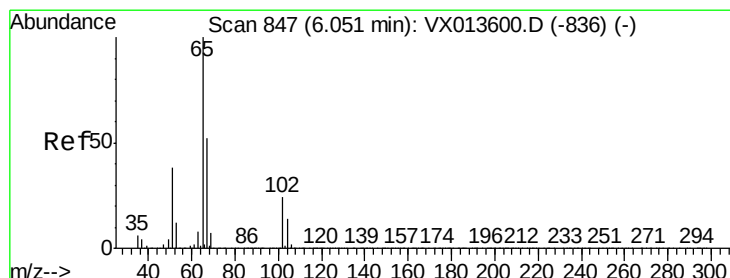
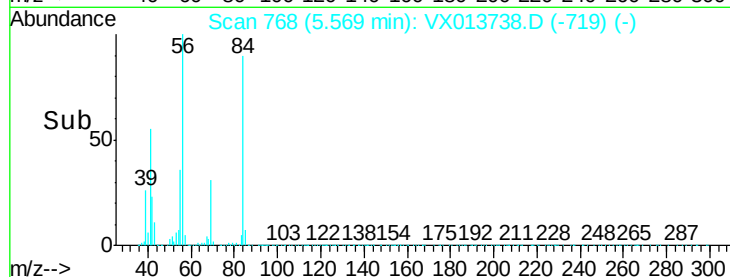
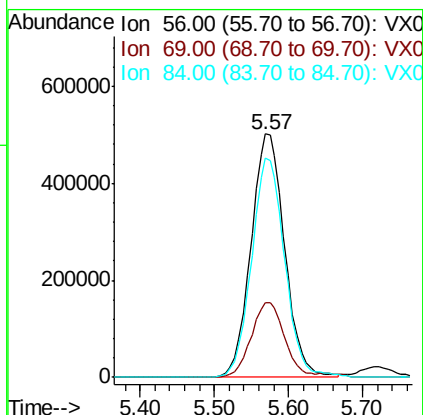
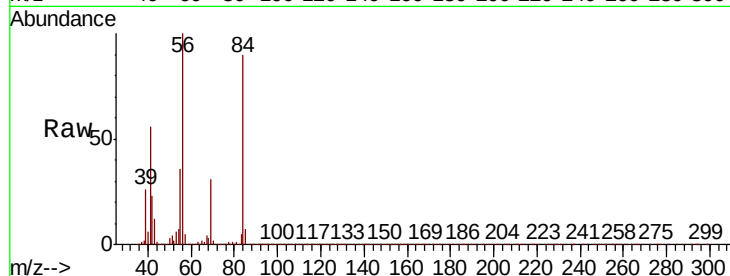




#31
Cyclohexane
Concen: 125.462 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013738.D
Acq: 03 Dec 2019 20:27

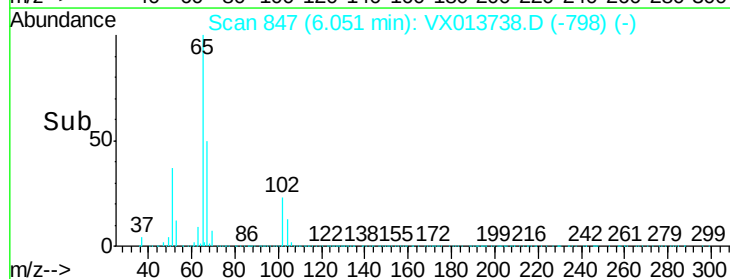
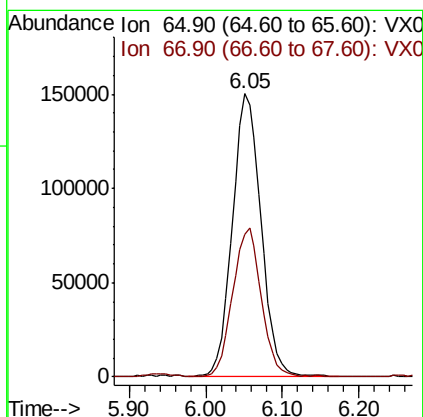
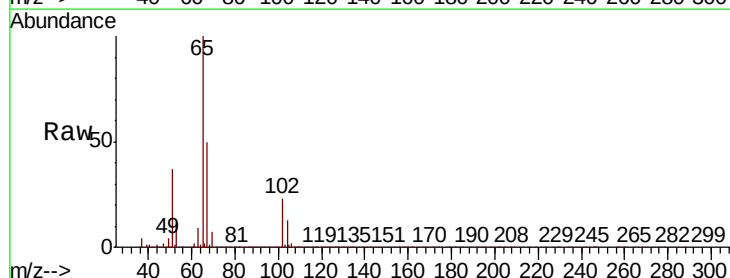
Instrument :
MSVOA_X
ClientSampleId :
30740

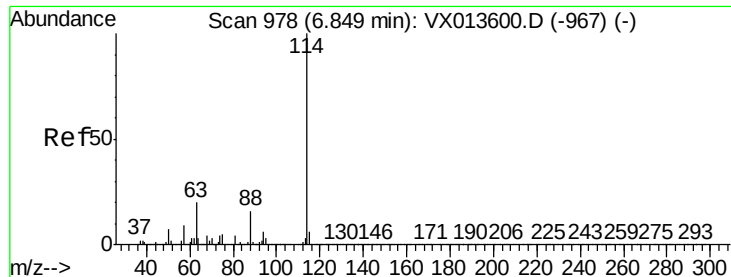
Tot Ion: 56 Resp: 1584669
Ion Ratio Lower Upper
56 100
69 30.9 24.6 36.8
84 89.9 70.0 105.0



#33
1,2-Dichloroethane-d4
Concen: 45.168 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013738.D
Acq: 03 Dec 2019 20:27

Tgt Ion: 65 Resp: 386205
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.4

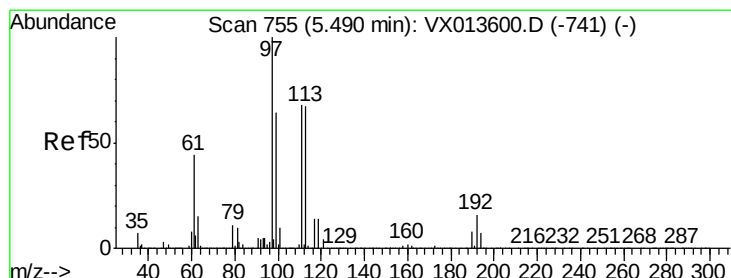
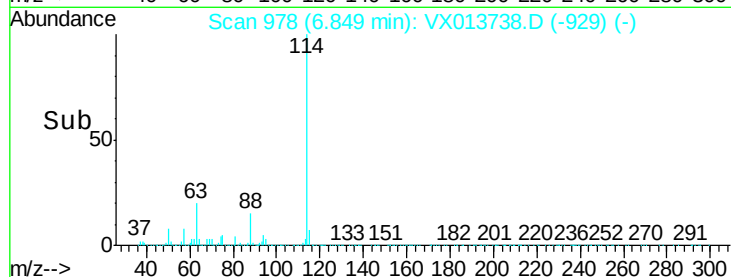
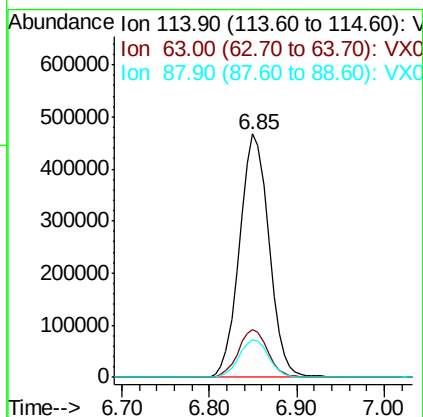
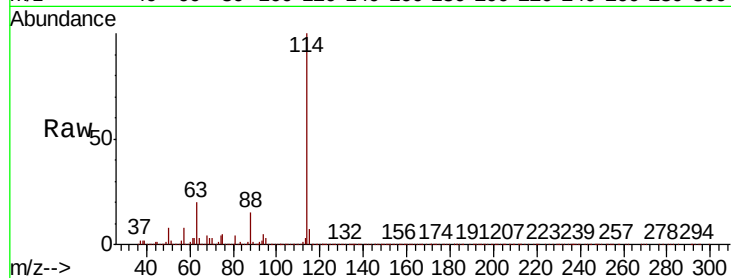




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013738.D
Acq: 03 Dec 2019 20:27

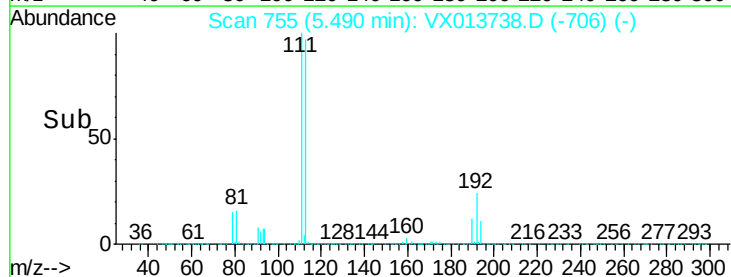
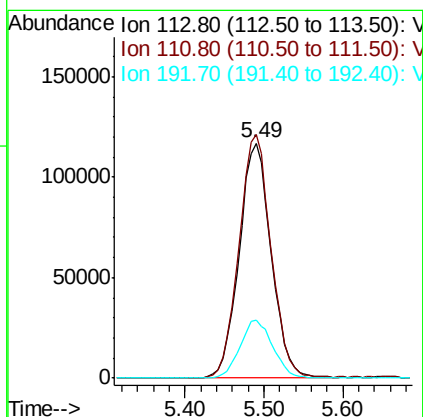
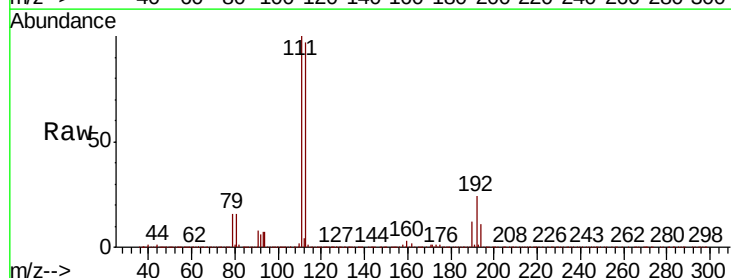
Instrument :
MSVOA_X
ClientSampleId :
30740

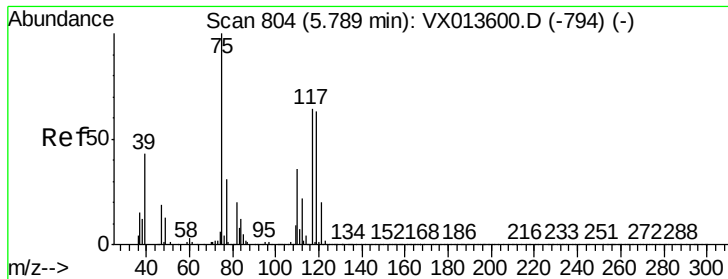
Tot Ion:114 Resp: 1095778
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.6
88 15.2 0.0 31.4



#35
Dibromofluoromethane
Concen: 48.774 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013738.D
Acq: 03 Dec 2019 20:27

Tgt Ion:113 Resp: 330406
Ion Ratio Lower Upper
113 100
111 103.6 83.6 125.4
192 25.2 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.939 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.13 min

Lab File: VX013738.D

Acq: 03 Dec 2019 20:27

Instrument :

MSVOA_X

ClientSampleId :

30740

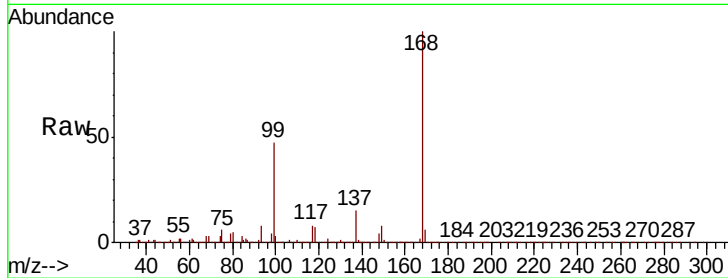
Tot Ion: 75 Resp: 49123

Ion Ratio Lower Upper

75 100

110 10.3 18.1 54.1#

77 0.0 24.5 36.7#



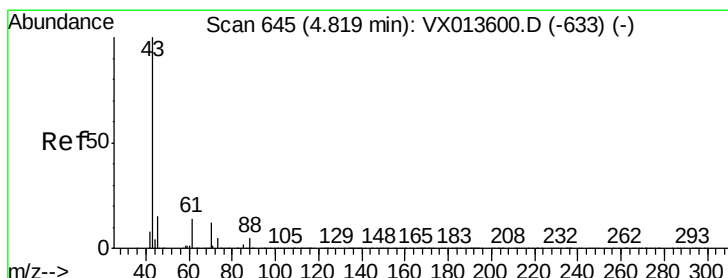
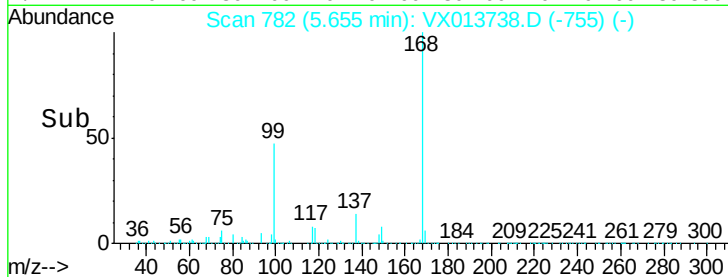
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

5.65

Time-->



#37

Ethyl Acetate

Concen: 3.865 ug/l

RT: 4.67 min Scan# 620

Delta R.T. -0.15 min

Lab File: VX013738.D

Acq: 03 Dec 2019 20:27

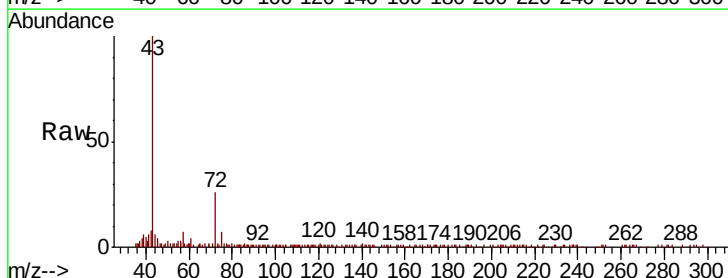
Tgt Ion: 43 Resp: 43131

Ion Ratio Lower Upper

43 100

61 1.1 11.0 16.4#

70 0.0 8.6 12.8#



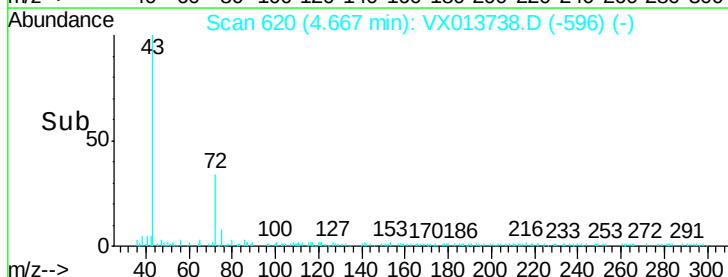
Abundance Ion 43.00 (42.70 to 43.70): VX0

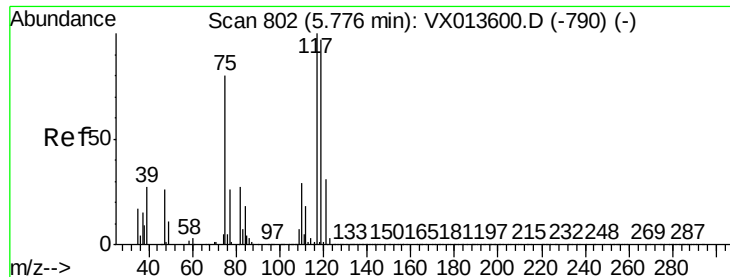
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0

4.67

Time-->

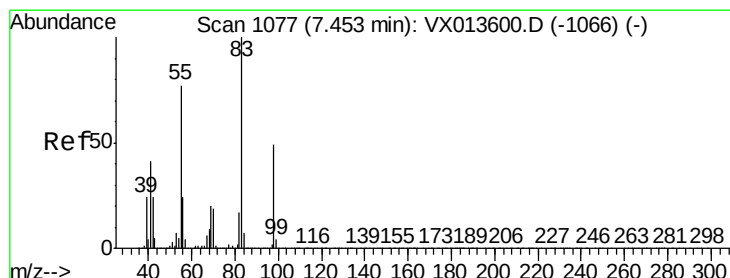
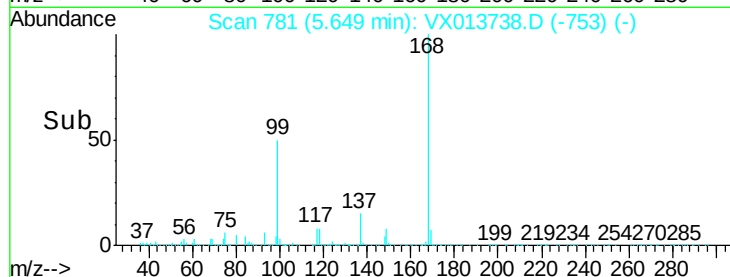
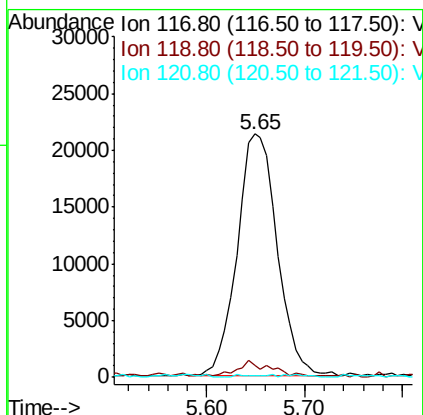
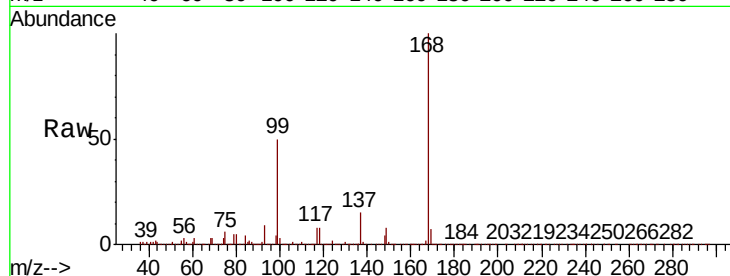




#38
Carbon Tetrachloride
Concen: 6.604 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX013738.D
Acq: 03 Dec 2019 20:27

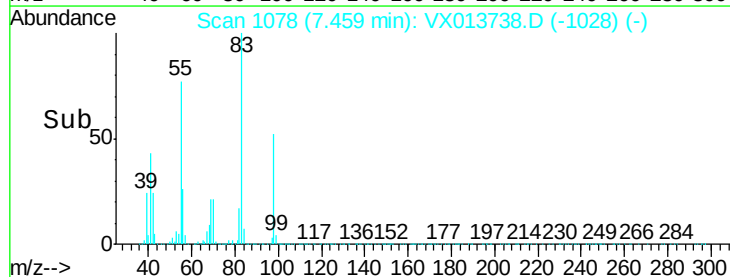
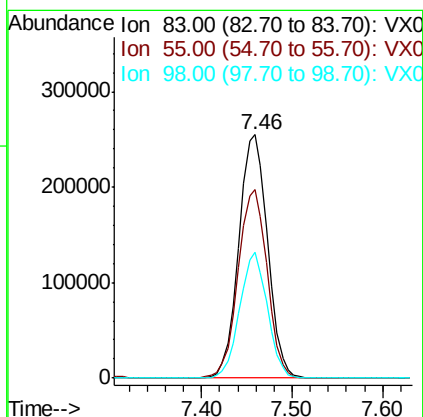
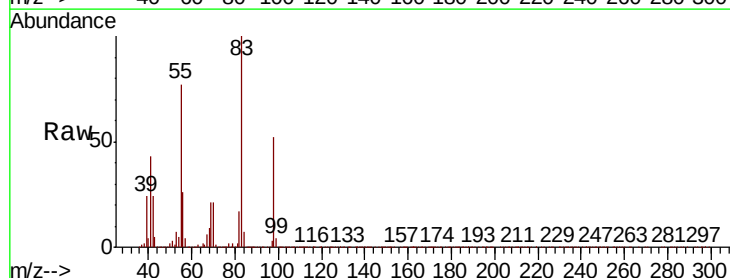
Instrument :
MSVOA_X
ClientSampled :
30740

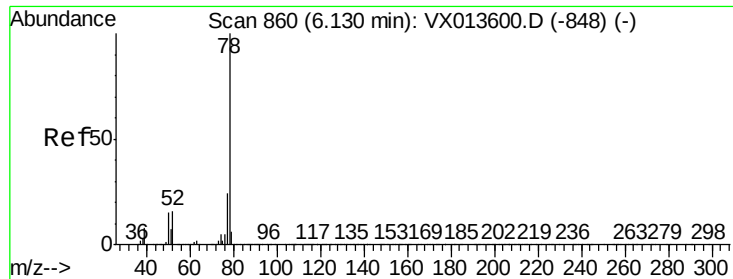
Tot Ion:117 Resp: 60570
Ion Ratio Lower Upper
117 100
119 4.4 77.5 116.3#
121 0.6 25.0 37.6#



#39
Methylcyclohexane
Concen: 45.555 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013738.D
Acq: 03 Dec 2019 20:27

Tgt Ion: 83 Resp: 560109
Ion Ratio Lower Upper
83 100
55 77.3 61.9 92.9
98 51.5 39.4 59.0





#40

Benzene

Concen: 27.146 ug/l

RT: 6.13 min Scan# 860

Delta R.T. 0.00 min

Lab File: VX013738.D

Acq: 03 Dec 2019 20:27

Instrument :

MSVOA_X

ClientSampleId :

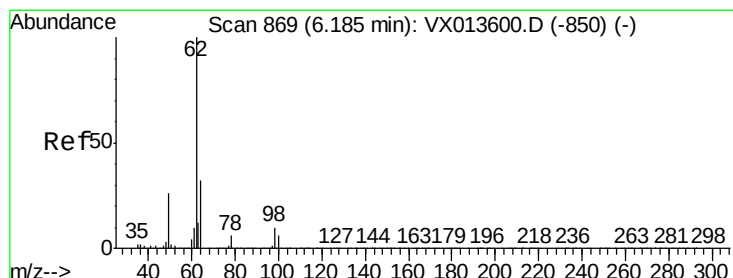
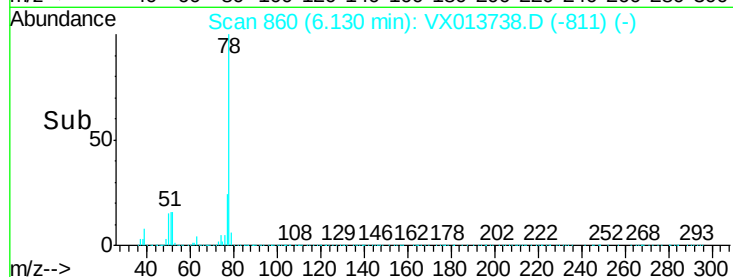
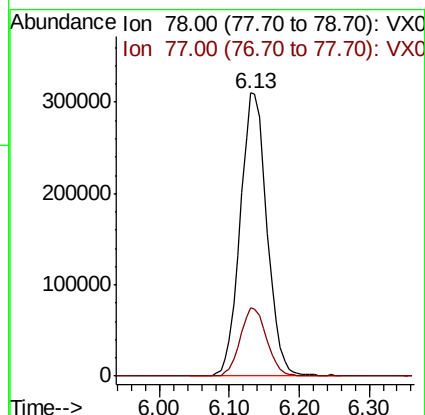
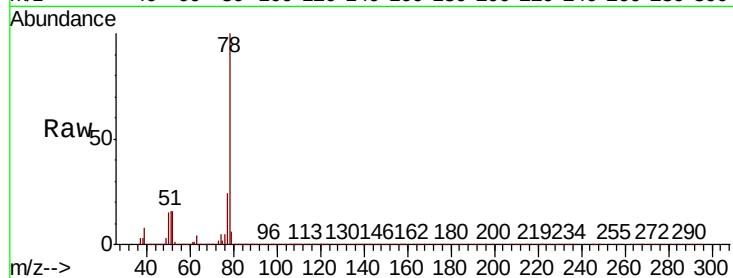
30740

Tot Ion: 78 Resp: 822394

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.4



#42

1,2-Dichloroethane

Concen: 0.723 ug/l

RT: 6.12 min Scan# 859

Delta R.T. -0.06 min

Lab File: VX013738.D

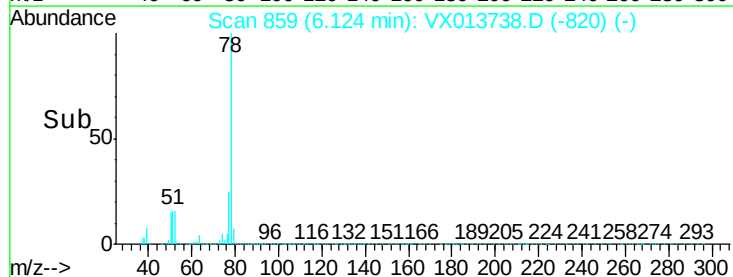
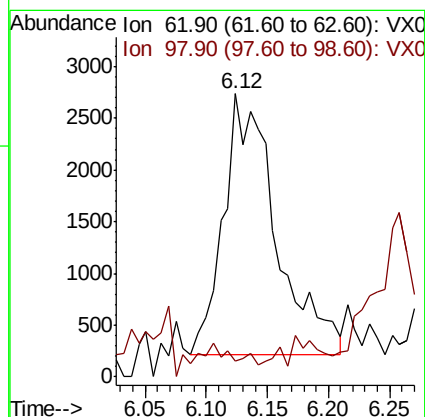
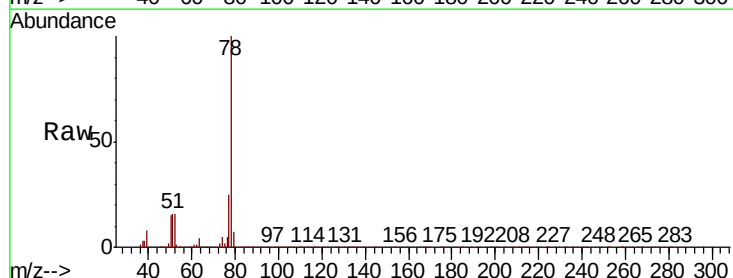
Acq: 03 Dec 2019 20:27

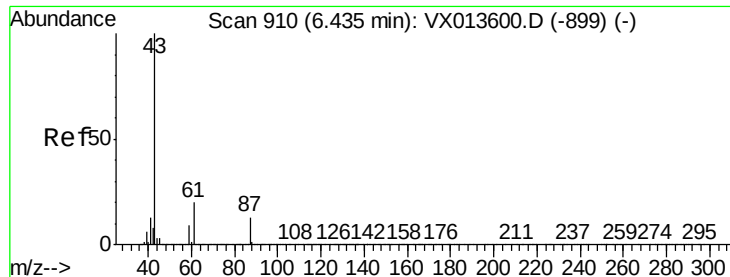
Tgt Ion: 62 Resp: 7471

Ion Ratio Lower Upper

62 100

98 3.2 0.0 20.8





#43

Isopropyl Acetate

Concen: 7.365 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013738.D

Acq: 03 Dec 2019 20:27

Instrument :

MSVOA_X

ClientSampled :

30740

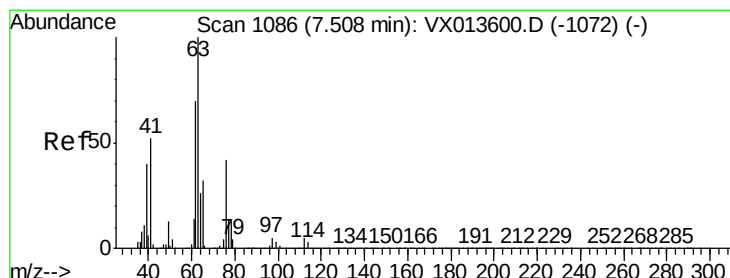
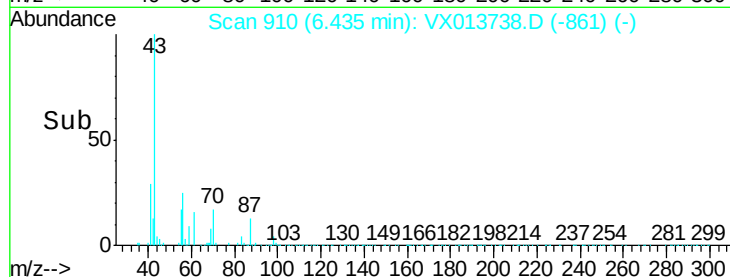
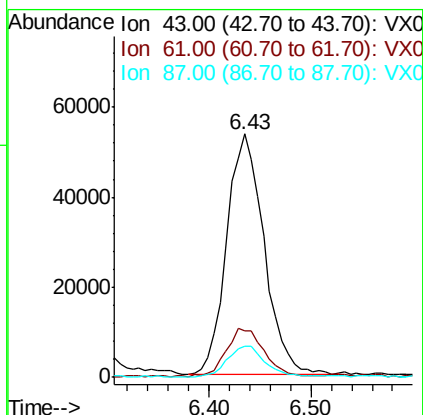
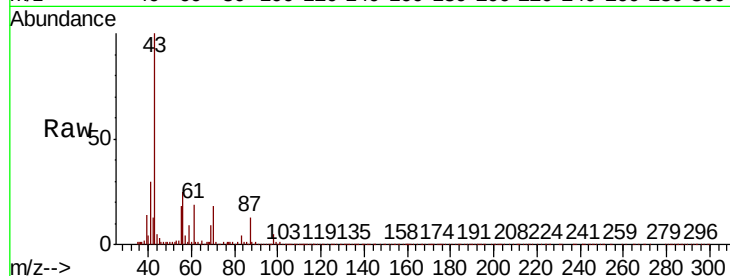
Tot Ion: 43 Resp: 135300

Ion Ratio Lower Upper

43 100

61 19.8 16.3 24.5

87 13.0 10.8 16.2



#45

1,2-Dichloropropane

Concen: 0.702 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. -0.05 min

Lab File: VX013738.D

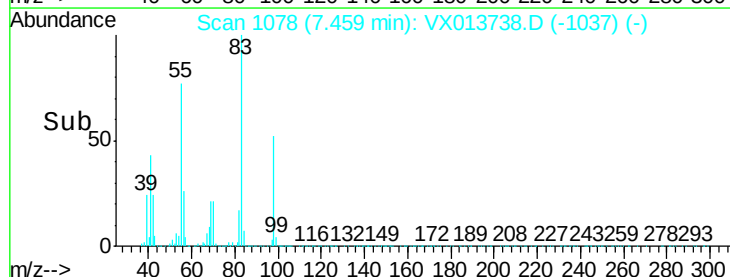
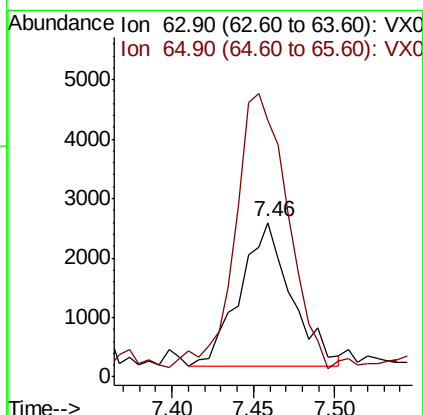
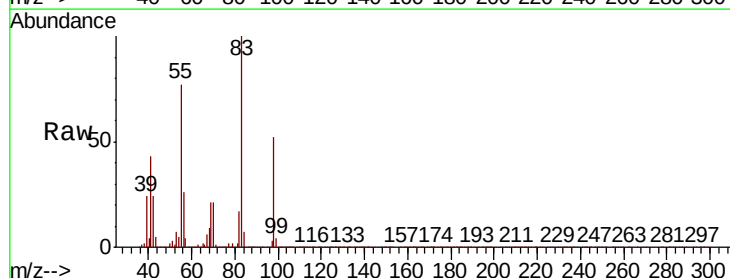
Acq: 03 Dec 2019 20:27

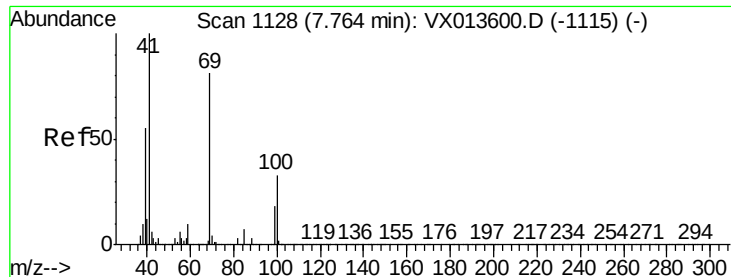
Tgt Ion: 63 Resp: 5323

Ion Ratio Lower Upper

63 100

65 166.8 25.5 38.3#

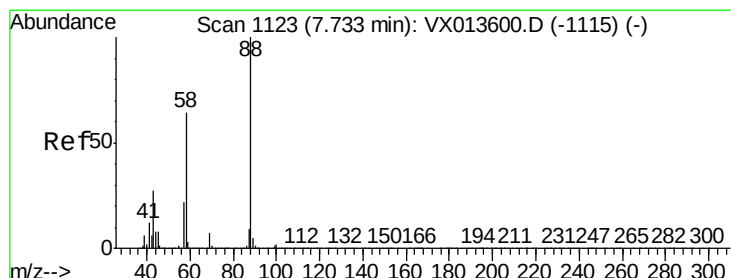
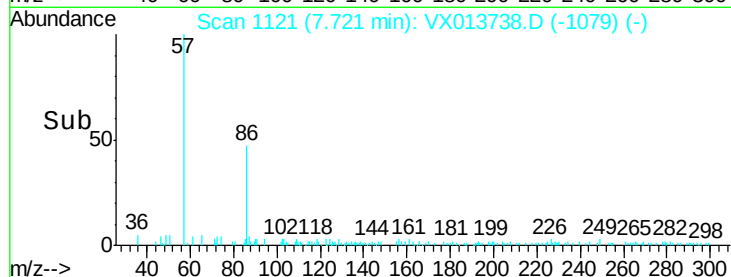
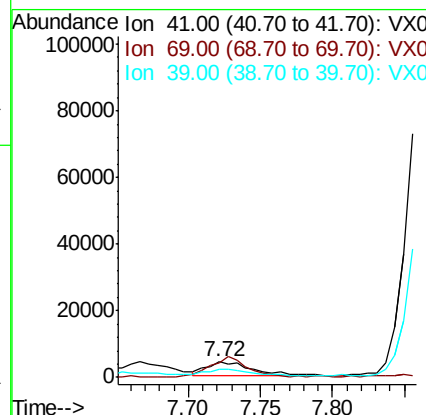
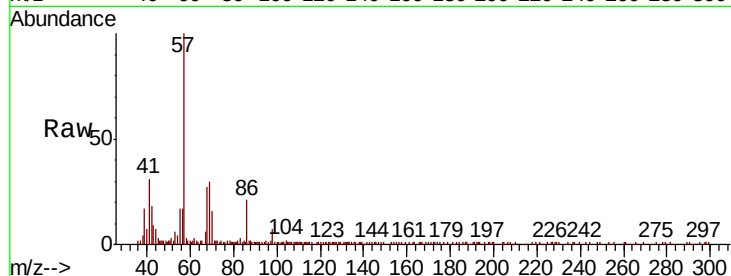




#48
Methvl methacrylate
Concen: 0.922 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.04 min
Lab File: VX013738.D
Acq: 03 Dec 2019 20:27

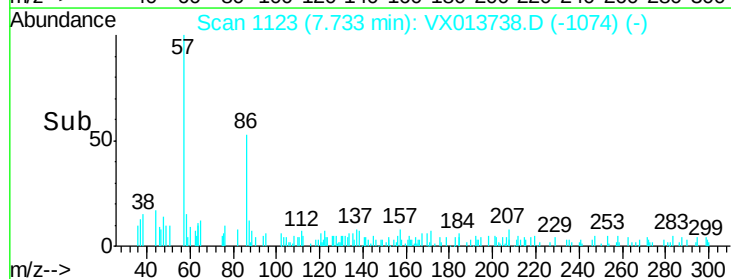
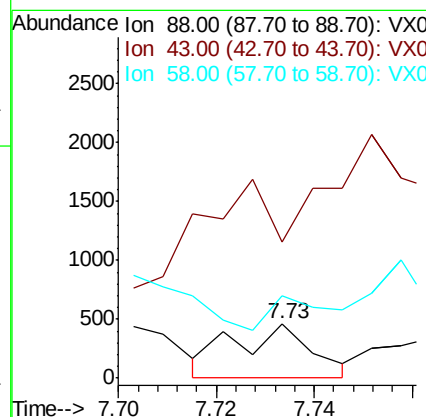
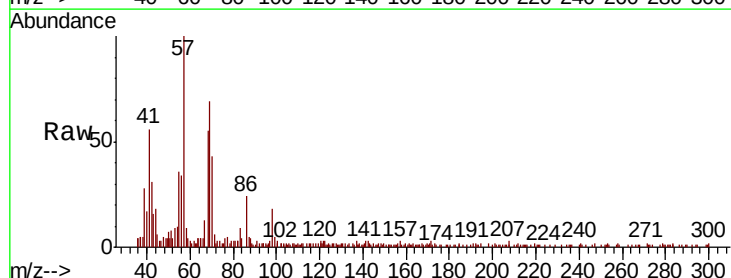
Instrument :
MSVOA_X
ClientSampleId :
30740

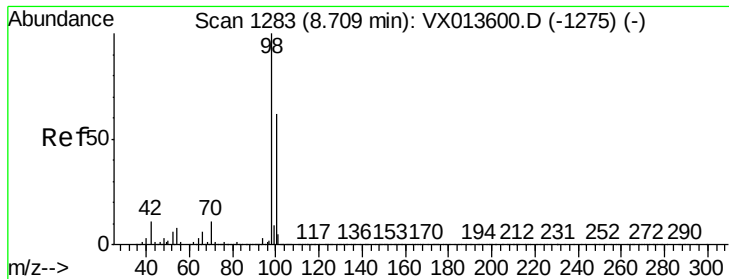
Tot Ion: 41 Resp: 8234
Ion Ratio Lower Upper
41 100
69 135.9 64.7 97.1#
39 56.0 43.8 65.6



#49
1,4-Dioxane
Concen: 2.563 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013738.D
Acq: 03 Dec 2019 20:27

Tgt Ion: 88 Resp: 512
Ion Ratio Lower Upper
88 100
43 0.0 25.8 38.6#
58 0.0 54.6 82.0#





#50

Toluene-d8

Concen: 49.247 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013738.D

Acq: 03 Dec 2019 20:27

Instrument :

MSVOA_X

ClientSampleId :

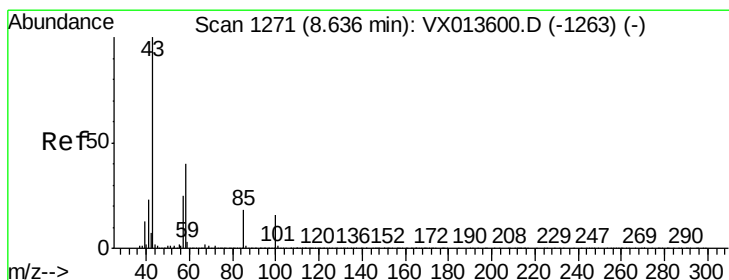
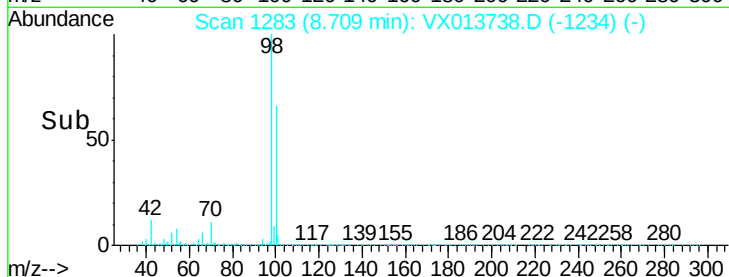
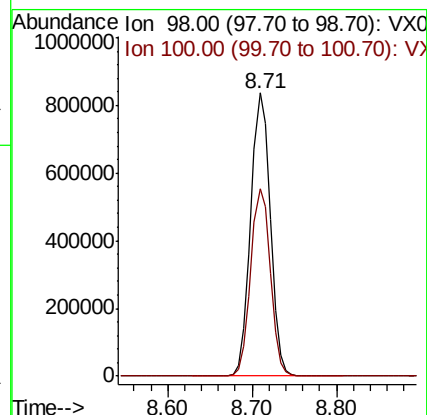
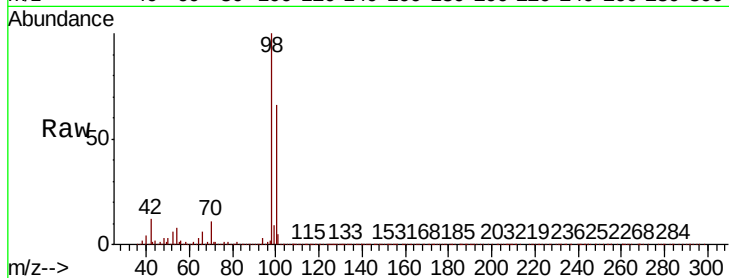
30740

Tot Ion: 98 Resp: 1299774

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 9.389 ug/l

RT: 8.61 min Scan# 1266

Delta R.T. -0.03 min

Lab File: VX013738.D

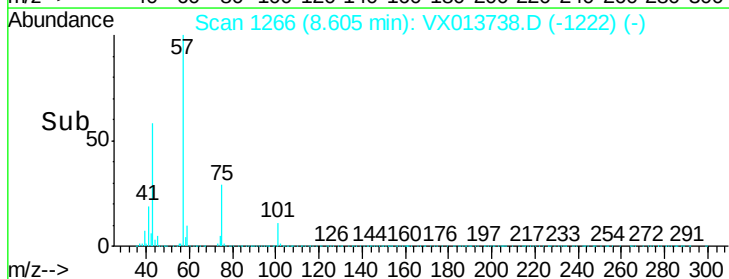
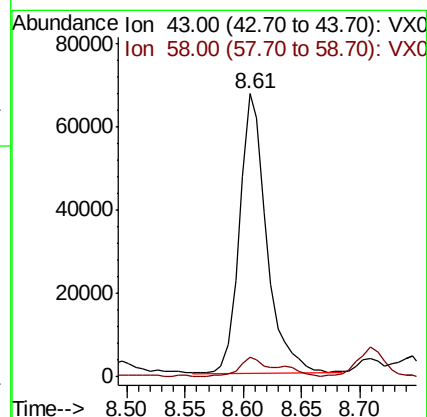
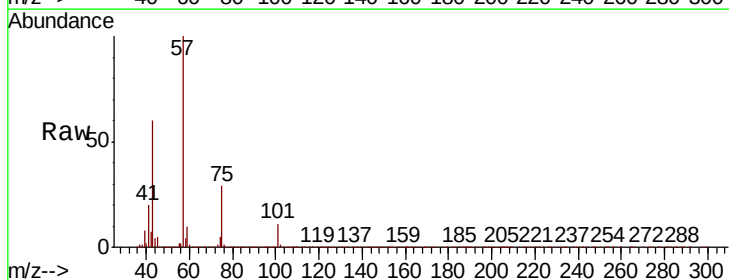
Acq: 03 Dec 2019 20:27

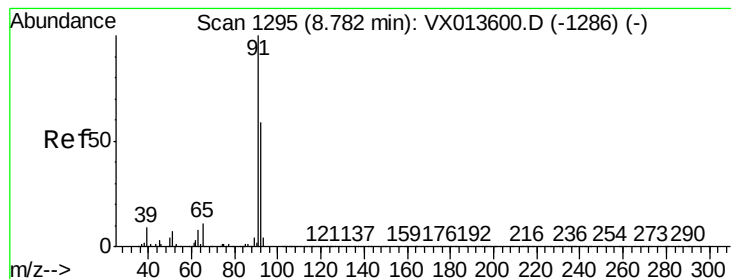
Tgt Ion: 43 Resp: 108497

Ion Ratio Lower Upper

43 100

58 9.3 32.1 48.1#





#52

Toluene

Concen: 17.476 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013738.D

Acq: 03 Dec 2019 20:27

Instrument :

MSVOA_X

ClientSampleId :

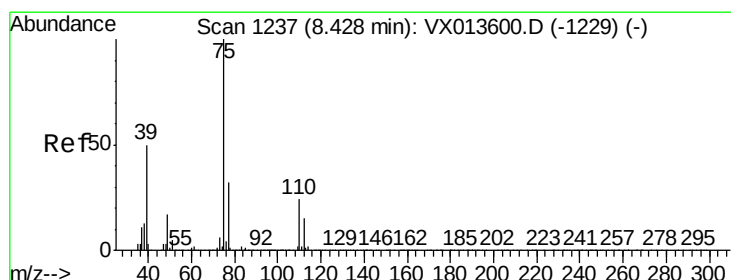
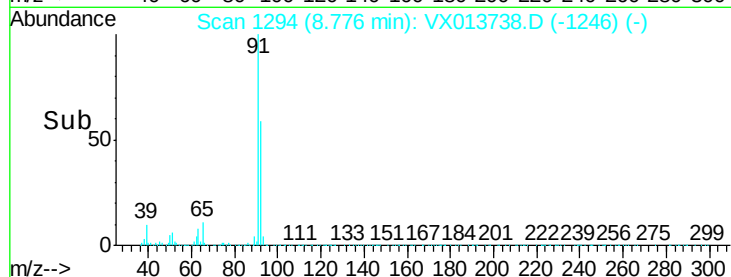
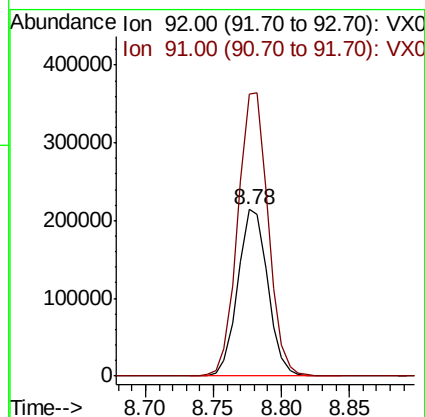
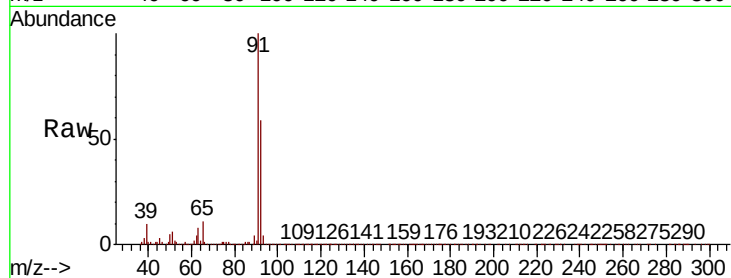
30740

Tot Ion: 92 Resp: 328898

Ion Ratio Lower Upper

92 100

91 172.0 136.2 204.2



#54

cis-1,3-Dichloropropene

Concen: 4.135 ug/l

RT: 8.61 min Scan# 1267

Delta R.T. 0.18 min

Lab File: VX013738.D

Acq: 03 Dec 2019 20:27

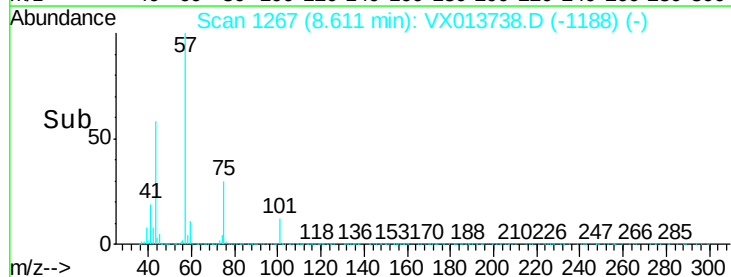
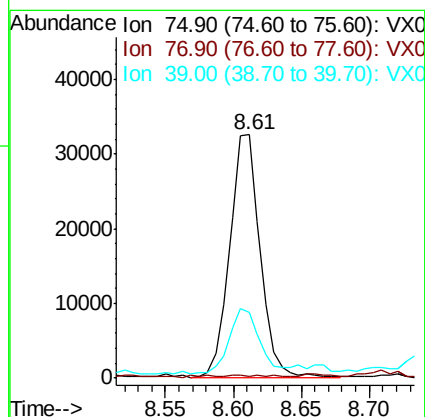
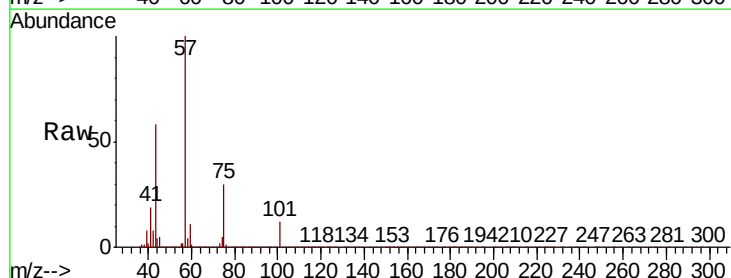
Tgt Ion: 75 Resp: 50042

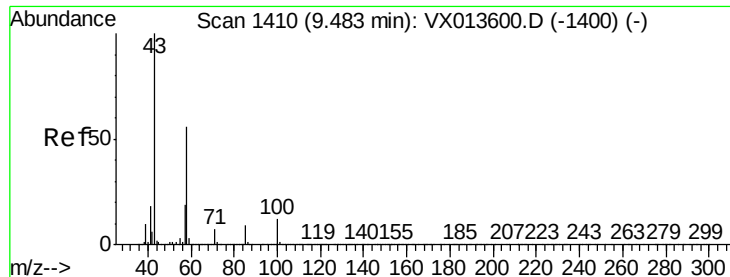
Ion Ratio Lower Upper

75 100

77 0.3 25.8 38.6#

39 25.5 39.9 59.9#





#59

2-Hexanone

Concen: 10.783 ug/l

RT: 9.54 min Scan# 1419

Delta R.T. 0.05 min

Lab File: VX013738.D

Acq: 03 Dec 2019 20:27

Instrument :

MSVOA_X

ClientSampleId :

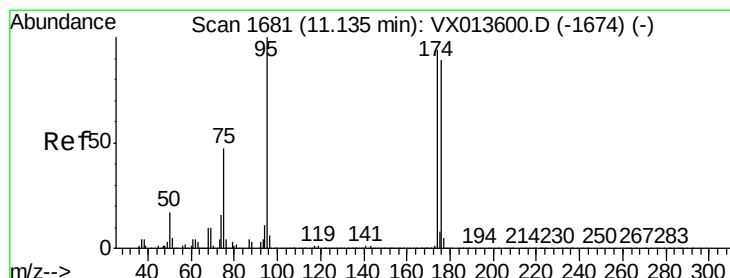
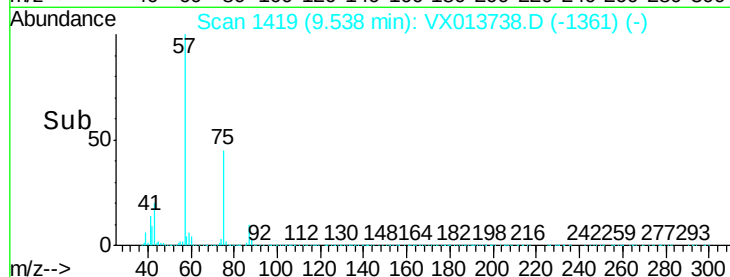
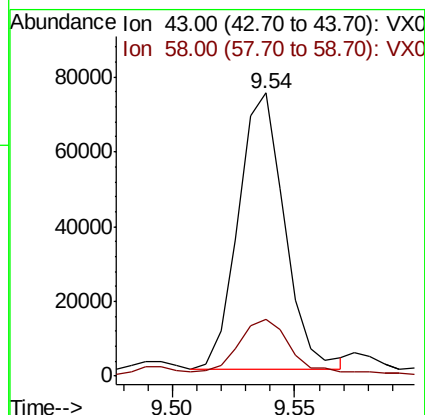
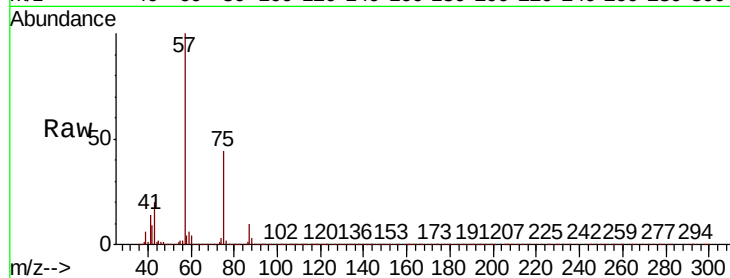
30740

Tot Ion: 43 Resp: 97183

Ion Ratio Lower Upper

43 100

58 24.4 28.1 84.4#



#62

4-Bromofluorobenzene

Concen: 48.947 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013738.D

Acq: 03 Dec 2019 20:27

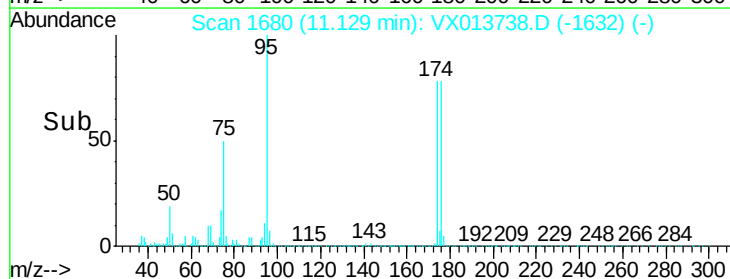
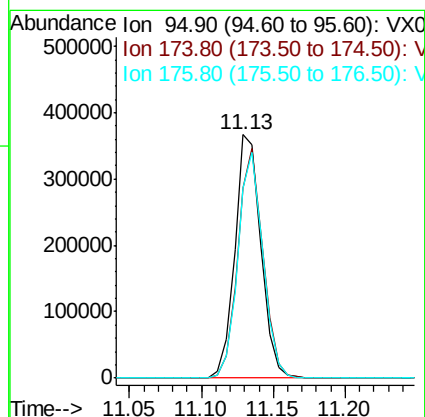
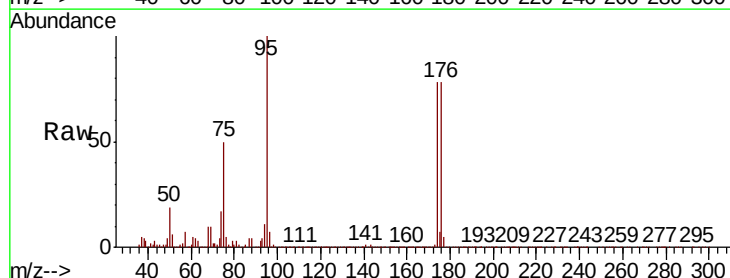
Tgt Ion: 95 Resp: 465855

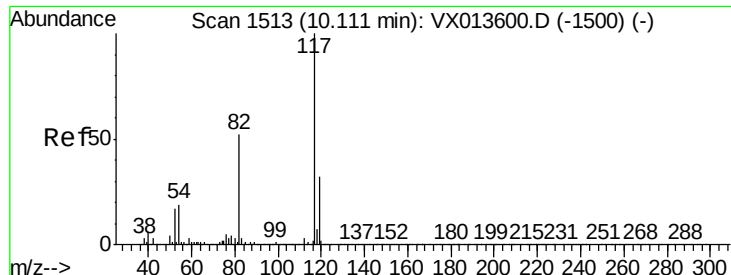
Ion Ratio Lower Upper

95 100

174 90.1 0.0 180.0

176 88.7 0.0 173.6

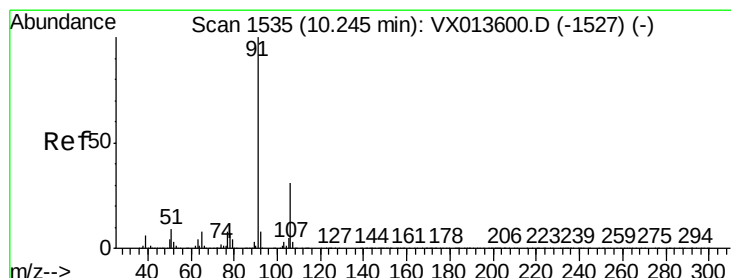
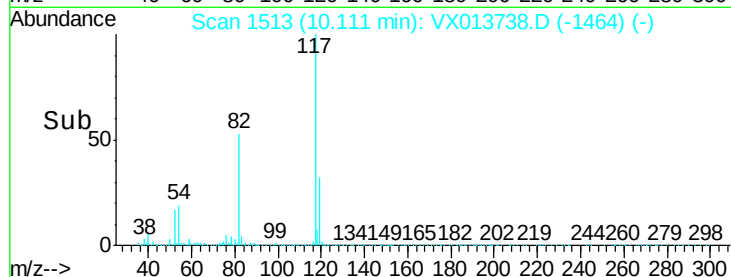
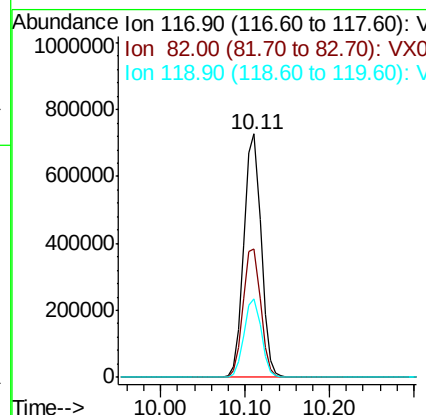
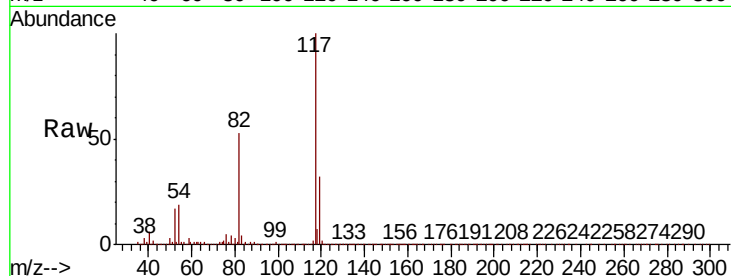




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013738.D
Acq: 03 Dec 2019 20:27

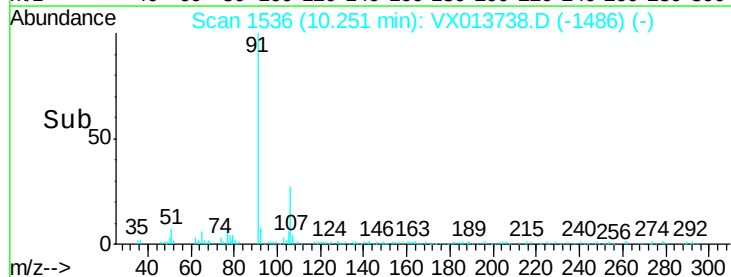
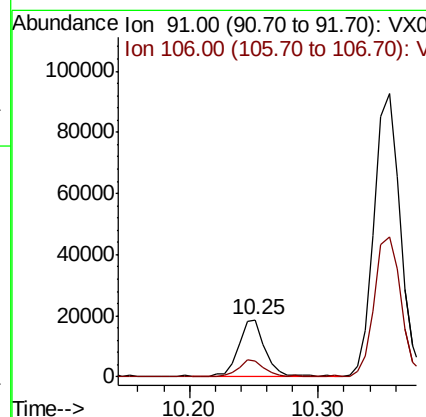
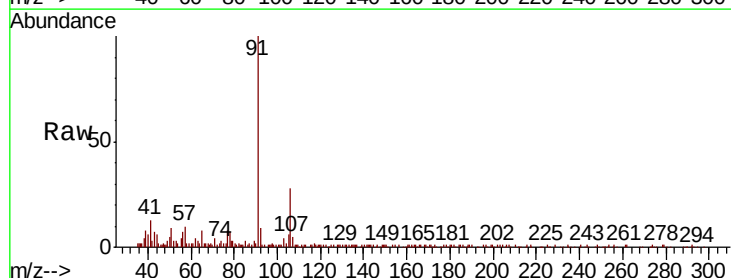
Instrument :
MSVOA_X
ClientSampleId :
30740

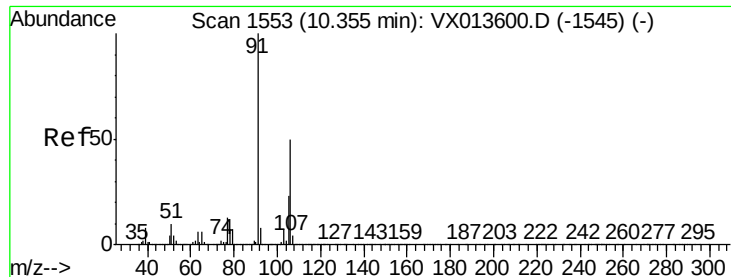
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	41.8	62.8
119	32.1	25.8	38.8



#67
Ethyl Benzene
Concen: 0.745 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX013738.D
Acq: 03 Dec 2019 20:27

Tgt Ion	Ratio	Lower	Upper
91	100		
106	26.9	24.5	36.7





#68

m/p-Xylenes

Concen: 4.872 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013738.D

Acq: 03 Dec 2019 20:27

Instrument :

MSVOA_X

ClientSampleId :

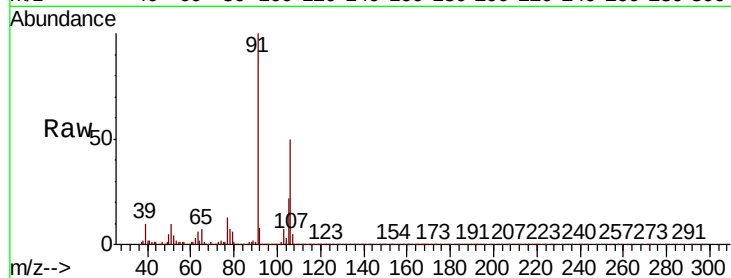
30740

Tot Ion:106 Resp: 65864

Ion Ratio Lower Upper

106 100

91 194.3 159.0 238.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

100000

80000

60000

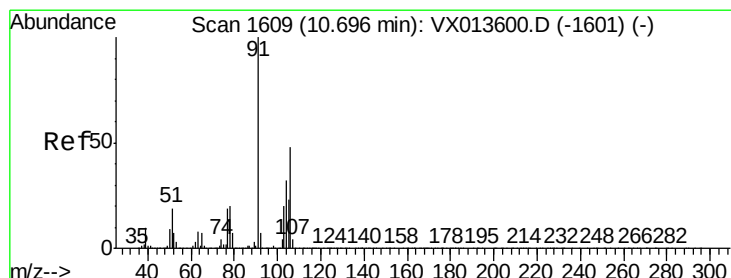
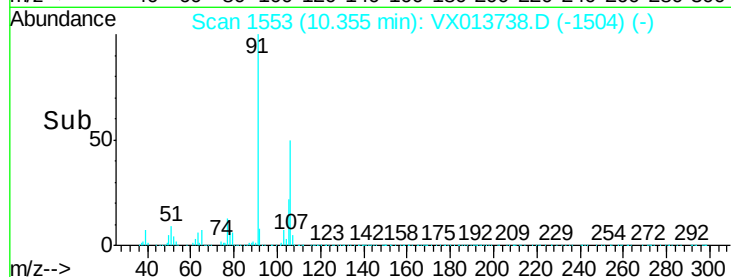
40000

20000

0

10.30 10.35 10.40

Time-->



#69

o-Xylene

Concen: 1.106 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX013738.D

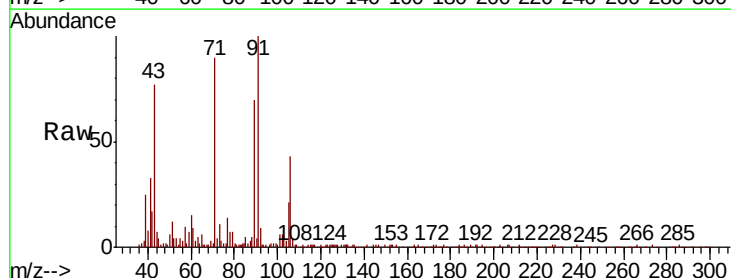
Acq: 03 Dec 2019 20:27

Tgt Ion:106 Resp: 14585

Ion Ratio Lower Upper

106 100

91 207.7 104.1 312.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

25000

20000

15000

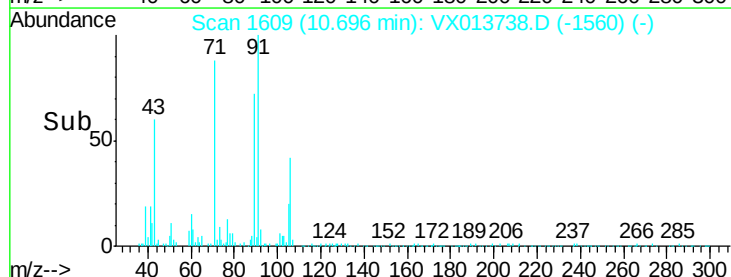
10000

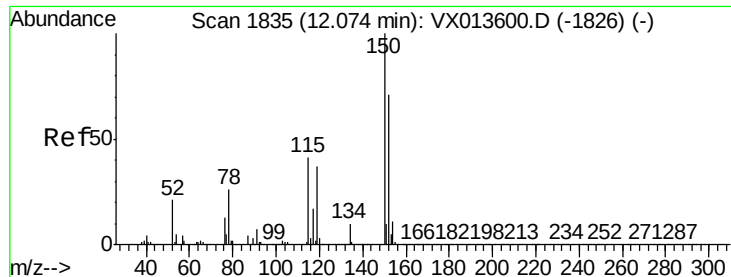
5000

0

10.60 10.70

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013738.D

Acq: 03 Dec 2019 20:27

Instrument :

MSVOA_X

ClientSampleId :

30740

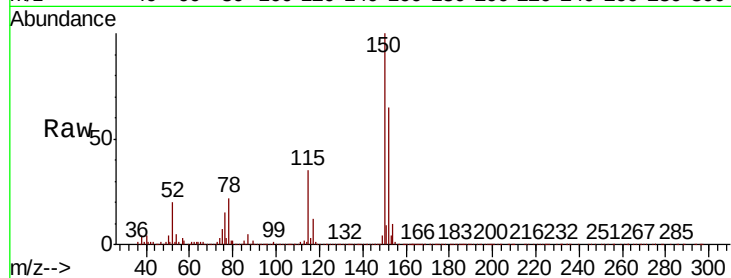
Tot Ion:152 Resp: 491485

Ion Ratio Lower Upper

152 100

115 54.6 38.4 115.1

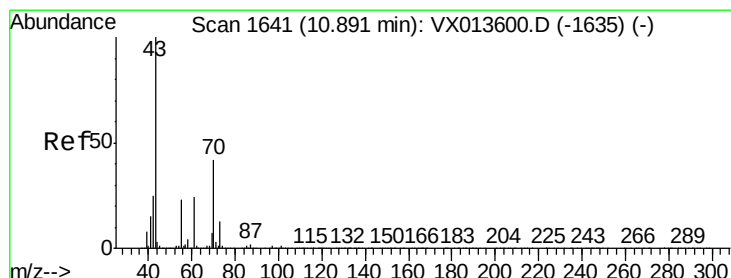
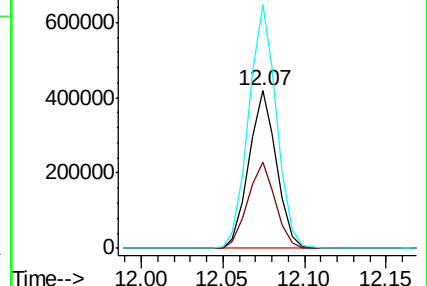
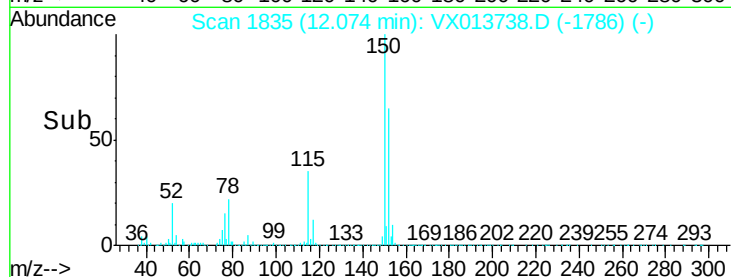
150 156.4 0.0 346.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 0.340 ug/l

RT: 10.91 min Scan# 1644

Delta R.T. 0.02 min

Lab File: VX013738.D

Acq: 03 Dec 2019 20:27

Tgt Ion: 43 Resp: 5371

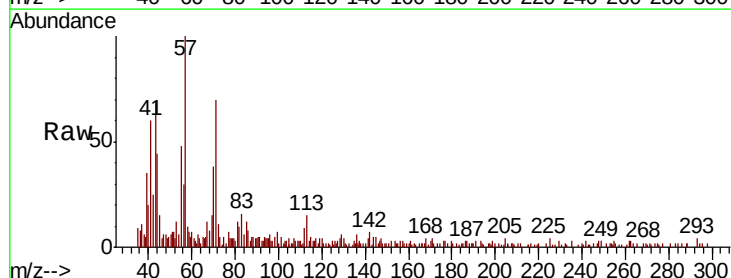
Ion Ratio Lower Upper

43 100

70 41.6 34.3 51.5

55 36.8 18.5 27.7#

61 19.5 19.8 29.8#

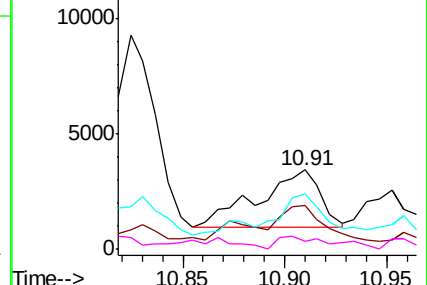
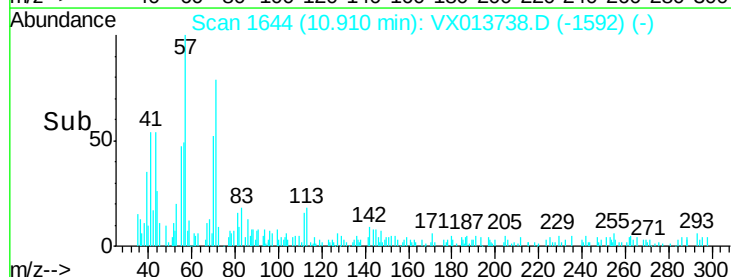


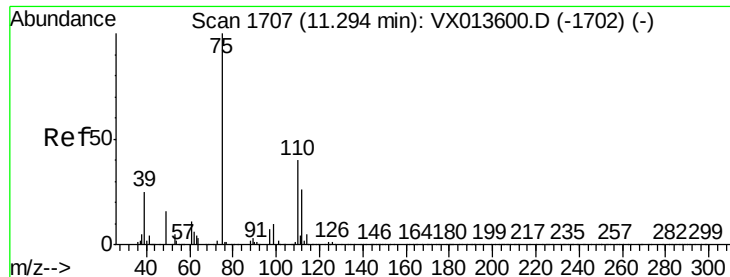
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

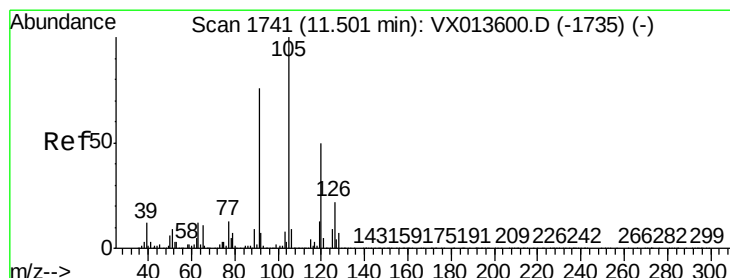
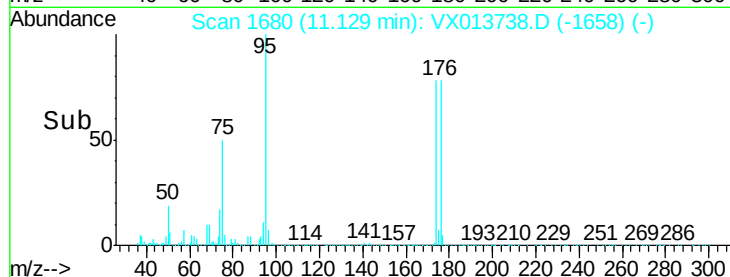
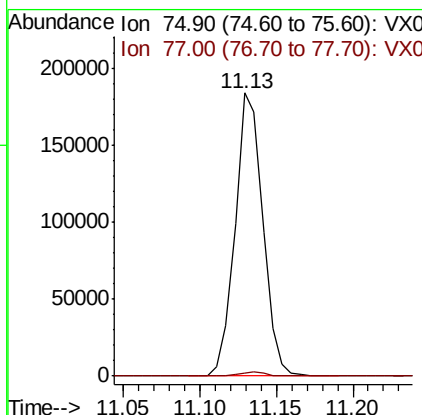
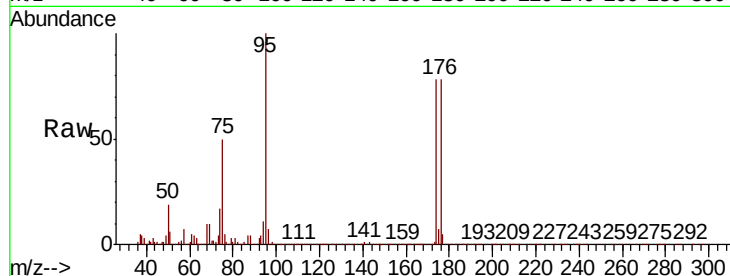




#76
 1,2,3-Trichloropropane
 Concen: 20.797 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX013738.D
 Acq: 03 Dec 2019 20:27

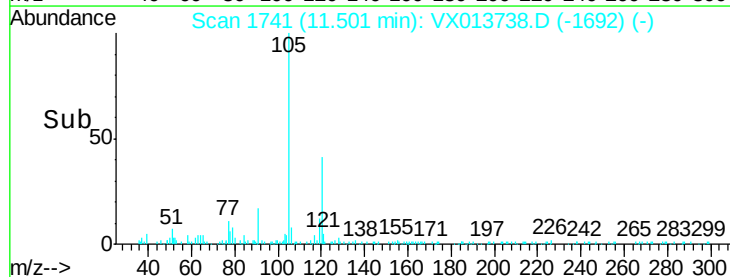
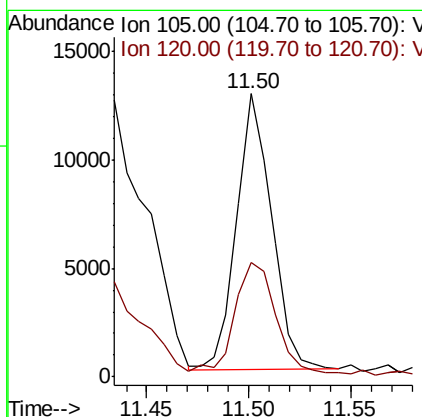
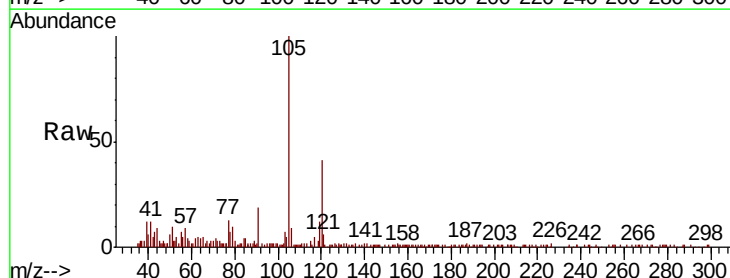
Instrument :
 MSVOA_X
 ClientSampleId :
 30740

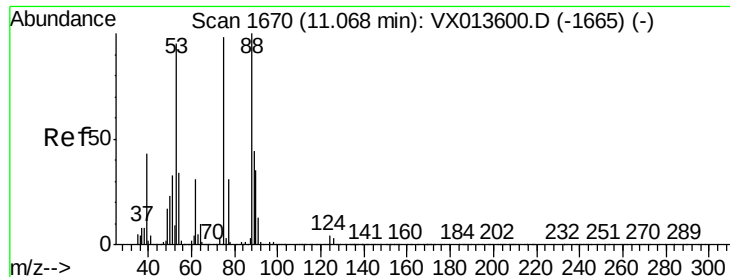
Tot Ion: 75 Resp: 229900
 Ion Ratio Lower Upper
 75 100
 77 1.5 19.1 57.5#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.538 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013738.D
 Acq: 03 Dec 2019 20:27

Tgt Ion: 105 Resp: 15202
 Ion Ratio Lower Upper
 105 100
 120 47.8 25.3 75.9

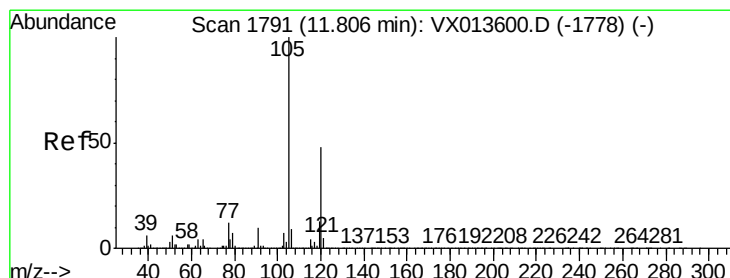
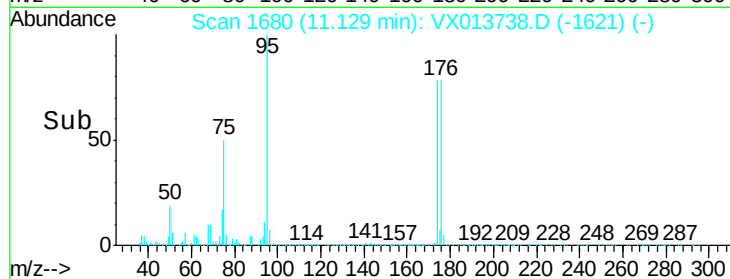
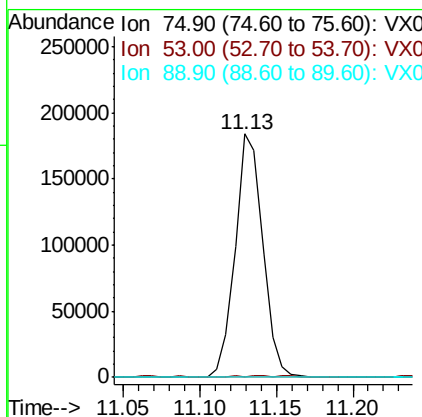
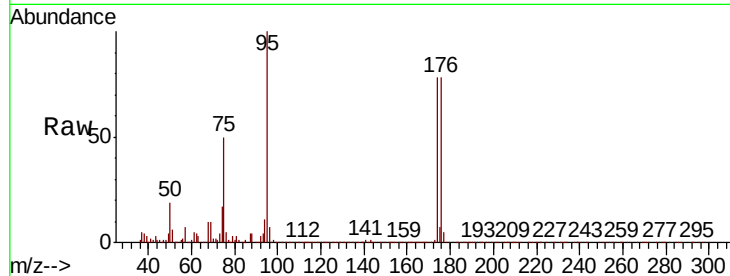




#81
trans-1,4-Dichloro-2-butene
Concen: 56.897 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX013738.D
Acq: 03 Dec 2019 20:27

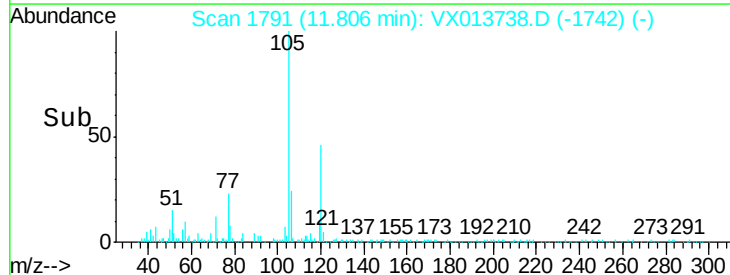
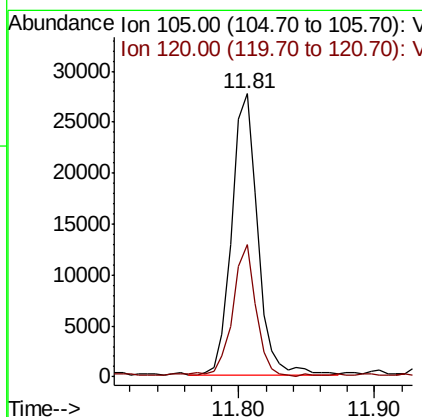
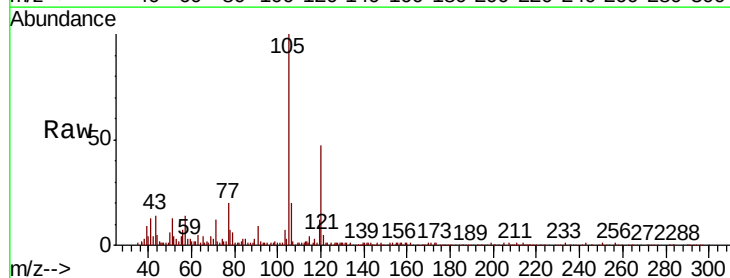
Instrument :
MSVOA_X
ClientSampleId :
30740

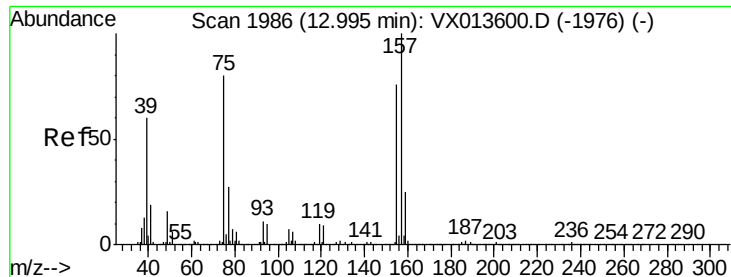
Tot Ion	Ratio	Lower	Upper
75	100		
53	0.2	78.2	117.2#
89	0.0	35.4	53.2#



#84
1,2,4-Trimethylbenzene
Concen: 1.278 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX013738.D
Acq: 03 Dec 2019 20:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.4	23.1	69.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.321 ug/l

RT: 12.87 min Scan# 1965

Delta R.T. -0.13 min

Lab File: VX013738.D

Acq: 03 Dec 2019 20:27

Instrument :

MSVOA_X

ClientSampleID :

30740

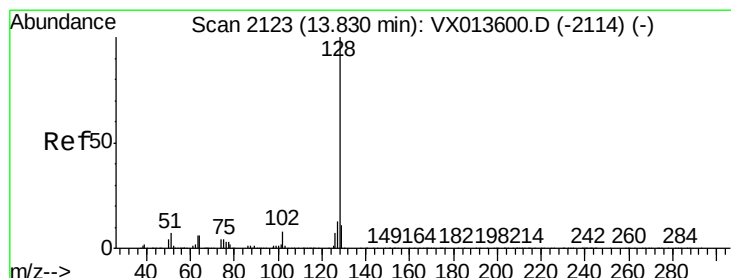
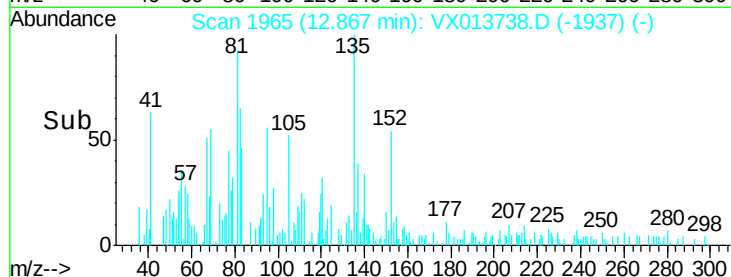
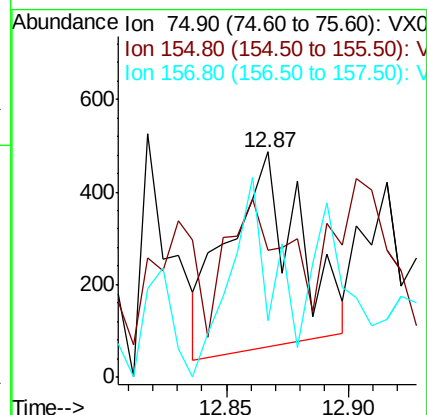
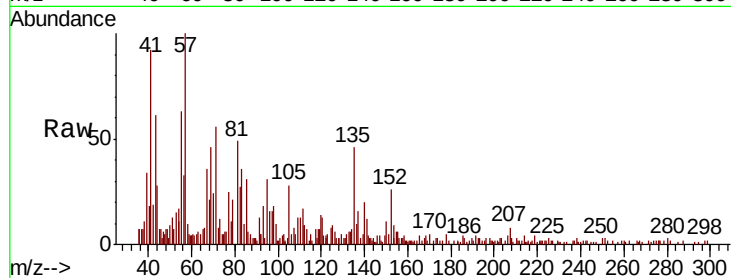
Tot Ion: 75 Resp: 835

Ion Ratio Lower Upper

75 100

155 74.3 47.6 142.8

157 63.2 62.1 186.2



#95

Naphthalene

Concen: 0.313 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013738.D

Acq: 03 Dec 2019 20:27

Tgt Ion: 128 Resp: 10407

Ion Ratio Lower Upper

128 100

127 16.5 10.3 15.5#

129 11.9 8.7 13.1

