

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002634.D
 Acq On : 16 Jun 2018 08:58
 Operator : JC/MD
 Sample : J3449-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 18 06:08:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	221827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	310836	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	296833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	171055	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	148714	44.12	ug/l	0.00
Spiked Amount			Recovery	=	88.24%	
35) Dibromofluoromethane	5.51	113	114620	46.20	ug/l	0.00
Spiked Amount			Recovery	=	92.40%	
50) Toluene-d8	8.72	98	461774	49.02	ug/l	0.00
Spiked Amount			Recovery	=	98.04%	
62) 4-Bromofluorobenzene	11.14	95	166907	46.76	ug/l	0.00
Spiked Amount			Recovery	=	93.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.30	50	10249	3.66	ug/l #	73
5) Bromomethane	1.66	94	932	0.53	ug/l #	71
10) Methyl Iodide	2.51	142	1043	5.44	ug/l	96
11) Tert butyl alcohol	3.06	59	485	0.70	ug/l #	73
13) Acrolein	2.27	56	17419	58.72	ug/l #	1
14) Allyl chloride	2.84	41	94345	19.17	ug/l #	72
15) Acrylonitrile	3.18	53	9735	6.40	ug/l #	47
16) Acetone	2.45	43	8520	5.73	ug/l #	89
17) Carbon Disulfide	2.58	76	1801	0.31	ug/l #	88
18) Methyl Acetate	2.85	43	212805	53.71	ug/l #	55
20) Methylene Chloride	2.86	84	2183	0.72	ug/l #	1
23) Vinyl Acetate	3.82	43	3897	0.52	ug/l #	75
25) 2-Butanone	4.71	43	3713	1.90	ug/l	97
26) 2,2-Dichloropropane	4.53	77	824	0.24	ug/l #	53
29) Tetrahydrofuran	5.17	42	1017	0.79	ug/l #	63
30) Chloroform	5.29	83	10450	2.24	ug/l #	24
31) Cyclohexane	5.58	56	126521	31.80	ug/l	93
36) 1,1-Dichloropropene	5.67	75	15410	4.67	ug/l #	52
38) Carbon Tetrachloride	5.67	117	20831	6.34	ug/l #	16
39) Methylcyclohexane	7.46	83	57309	14.85	ug/l	93
40) Benzene	6.15	78	4390	0.44	ug/l	97
41) Methacrylonitrile	5.06	41	1056	0.50	ug/l #	25
43) Isopropyl Acetate	6.46	43	3317	0.54	ug/l #	63
46) Dibromomethane	7.63	93	361	0.21	ug/l #	1
47) Bromodichloromethane	7.95	83	701	0.23	ug/l #	26
48) Methyl methacrylate	7.73	41	8996	2.84	ug/l #	57
51) 4-Methyl-2-Pentanone	8.67	43	1103	0.28	ug/l	90
52) Toluene	8.79	92	408314	64.66	ug/l	100
53) t-1,3-Dichloropropene	8.57	75	197	2.44	ug/l #	1
54) cis-1,3-Dichloropropene	8.79	75	5544	4.55	ug/l #	1
56) Ethyl methacrylate	9.16	69	1894	0.48	ug/l #	1
59) 2-Hexanone	9.63	43	5474	1.83	ug/l	70
60) Dibromochloromethane	9.34	129	111	3.80	ug/l #	11
67) Ethyl Benzene	10.26	91	653825	53.18	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002634.D
 Acq On : 16 Jun 2018 08:58
 Operator : JC/MD
 Sample : J3449-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 18 06:08:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

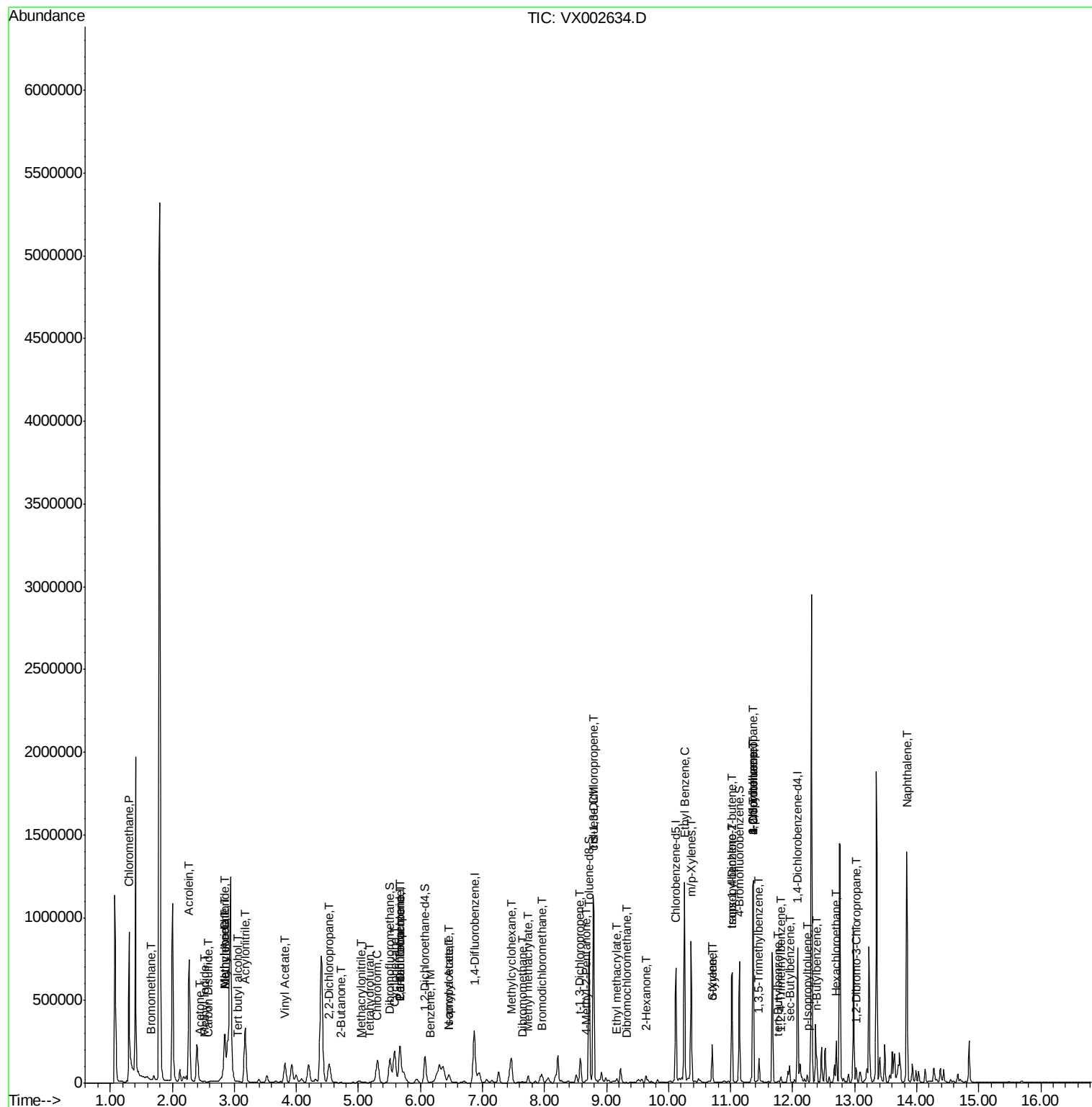
68) m/p-Xylenes	10.37	106	189325	39.92	ug/l	98
69) o-Xylene	10.70	106	46670	10.02	ug/l	98
70) Styrene	10.70	104	2534	0.33	ug/l #	1
73) Isopropylbenzene	11.02	105	335215	29.30	ug/l	100
74) N-amyl acetate	6.46	43	3317	0.58	ug/l #	59
76) 1,2,3-Trichloropropane	11.37	75	5285	1.64	ug/l #	1
78) n-propylbenzene	11.37	91	743135	56.64	ug/l	100
79) 2-Chlorotoluene	11.37	91	743135	94.87	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.46	105	70857	7.33	ug/l	72
81) trans-1,4-Dichloro-2-buten	11.02	75	4474	8.25	ug/l #	72
82) 4-Chlorotoluene	11.37	91	743135	80.40	ug/l #	44
83) tert-Butylbenzene	11.77	119	2889	0.31	ug/l	93
84) 1,2,4-Trimethylbenzene	11.81	105	13494	1.37	ug/l	96
85) sec-Butylbenzene	11.95	105	49039	4.23	ug/l	93
86) p-Isopropyltoluene	12.24	119	17026	1.62	ug/l #	74
89) n-Butylbenzene	12.39	91	73335	7.93	ug/l #	55
90) Hexachloroethane	12.71	117	87951	53.64	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	384	0.54	ug/l #	1
95) Naphthalene	13.84	128	874255	76.10	ug/l	99

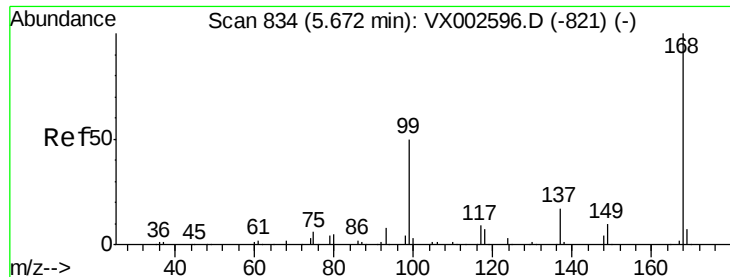
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061518\
Data File : VX002634.D
Acq On : 16 Jun 2018 08:58
Operator : JC/MD
Sample : J3449-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 18 06:08:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002634.D

Acq: 16 Jun 2018 08:58

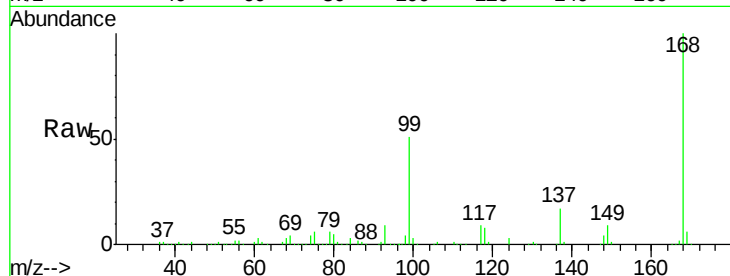
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 221827

Ion Ratio Lower Upper

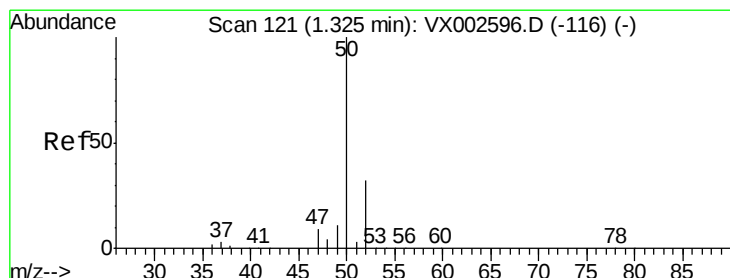
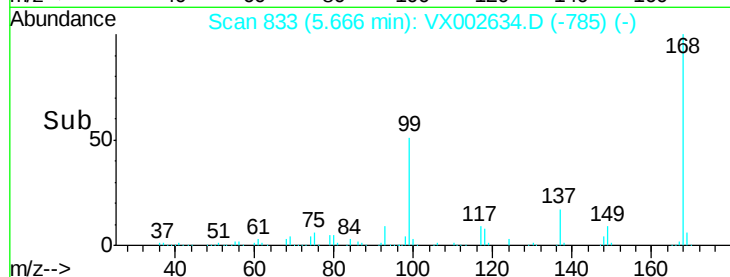
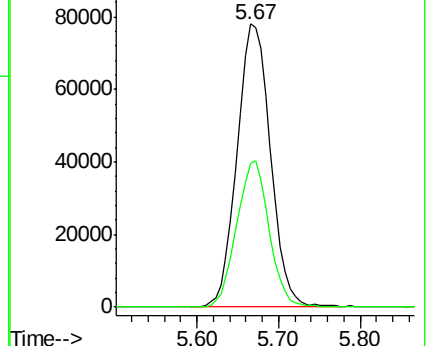
168 100

99 51.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 3.66 ug/l

RT: 1.30 min Scan# 117

Delta R.T. -0.02 min

Lab File: VX002634.D

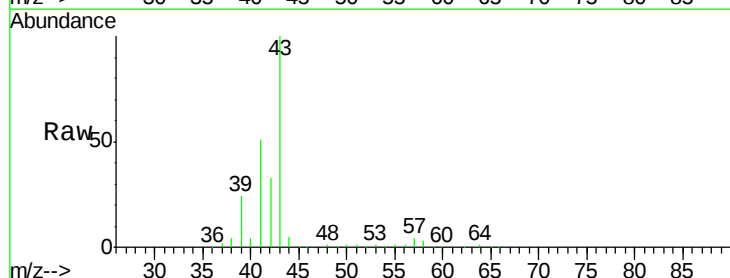
Acq: 16 Jun 2018 08:58

Tgt Ion: 50 Resp: 10249

Ion Ratio Lower Upper

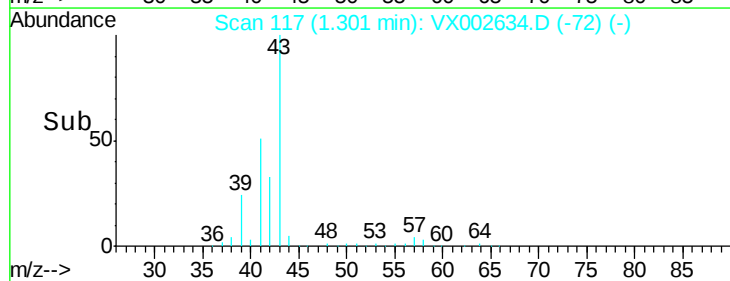
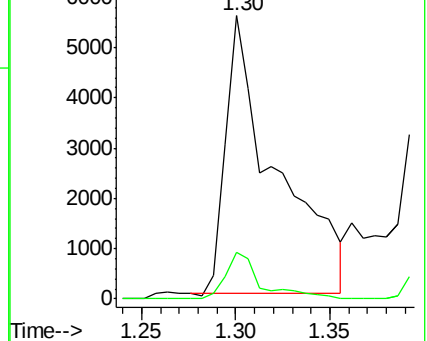
50 100

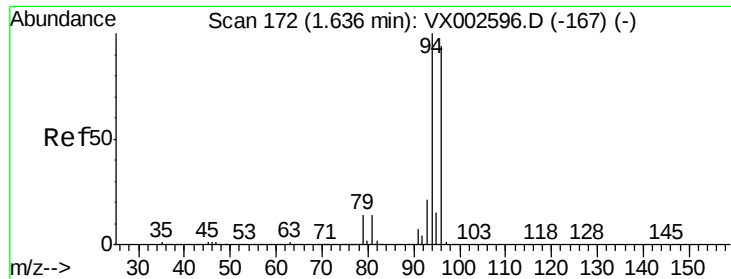
52 16.8 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.53 ug/l

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX002634.D

Acq: 16 Jun 2018 08:58

Instrument :

MSVOA_X

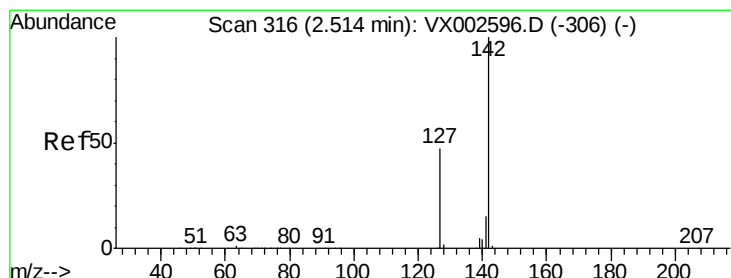
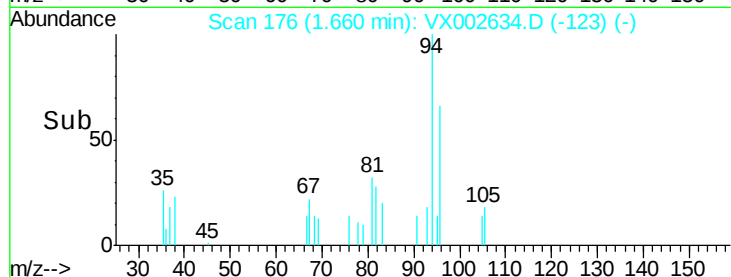
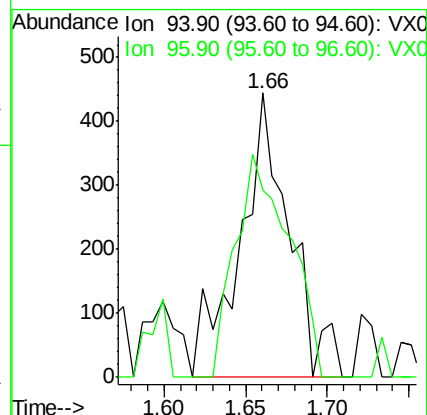
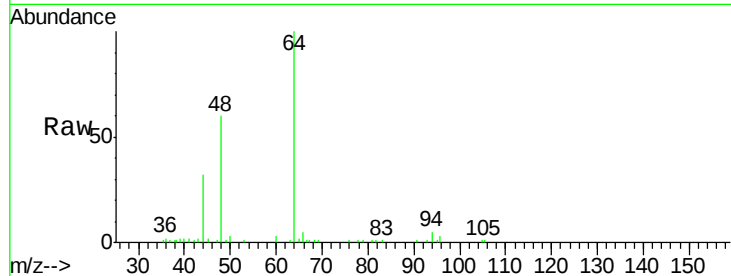
ClientSampleId :

Tot Ion: 94 Resp: 932

Ion Ratio Lower Upper

94 100

96 65.8 74.9 112.3#



#10

Methyl Iodide

Concen: 5.44 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002634.D

Acq: 16 Jun 2018 08:58

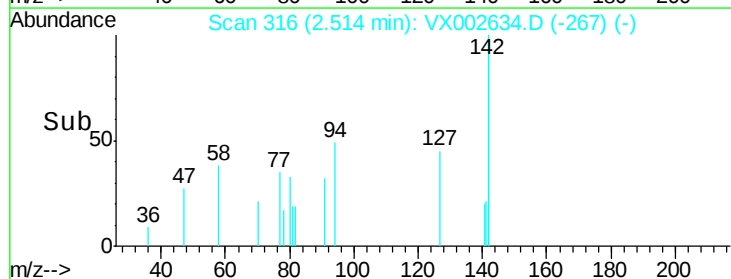
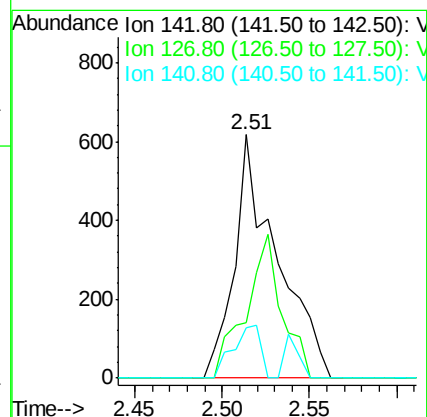
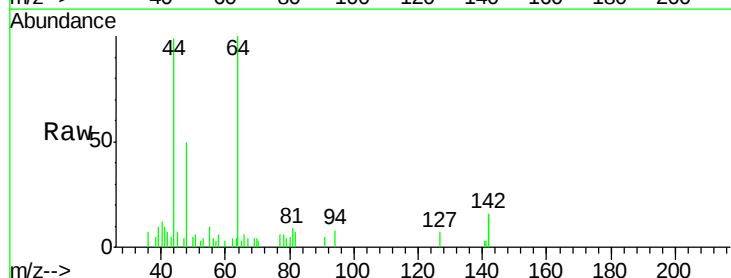
Tgt Ion: 142 Resp: 1043

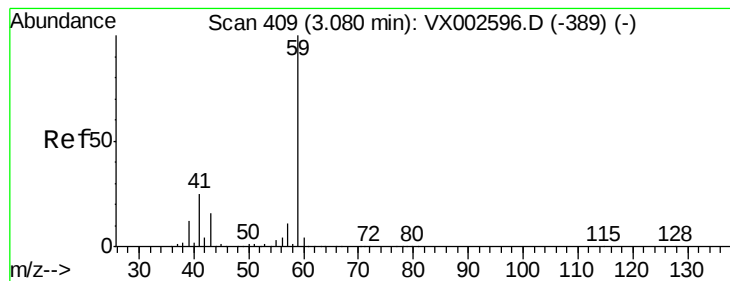
Ion Ratio Lower Upper

142 100

127 49.6 36.6 55.0

141 14.0 11.3 16.9



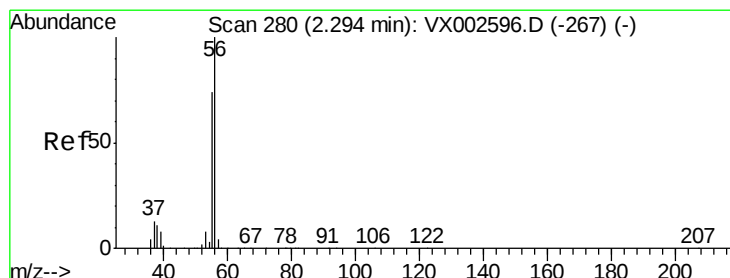
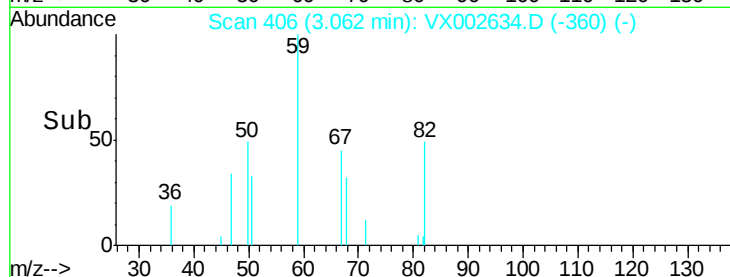
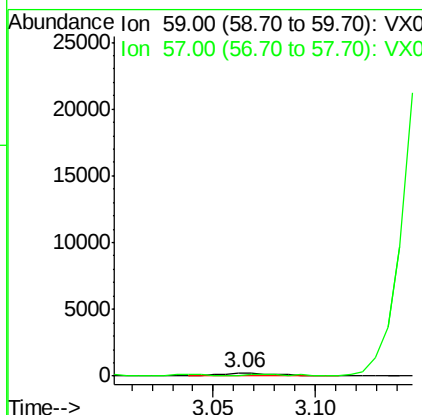
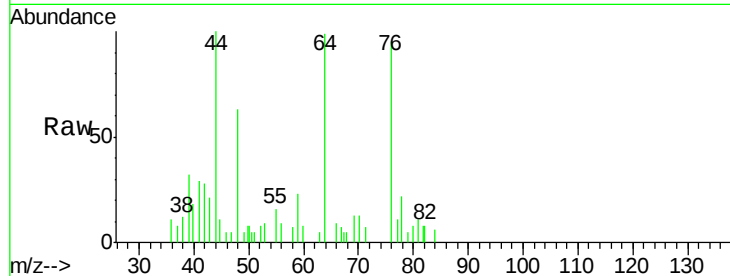


#11

Tert butyl alcohol
 Concen: 0.70 ug/l
 RT: 3.06 min Scan# 406
 Delta R.T. -0.02 min
 Lab File: VX002634.D
 Acq: 16 Jun 2018 08:58

Instrument :
 MSVOA_X
 ClientSampled :

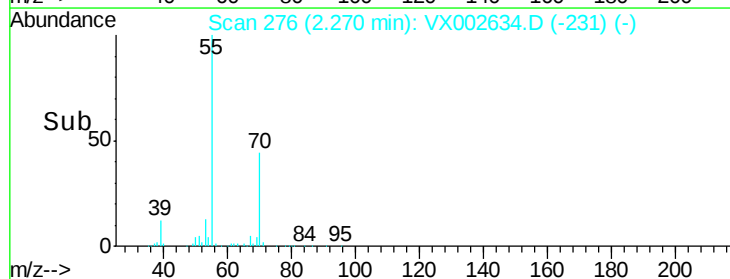
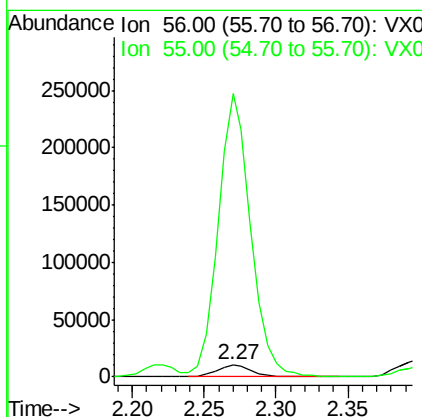
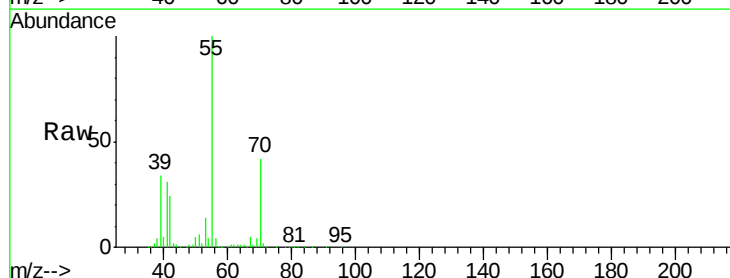
Tot Ion: 59 Resp: 485
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

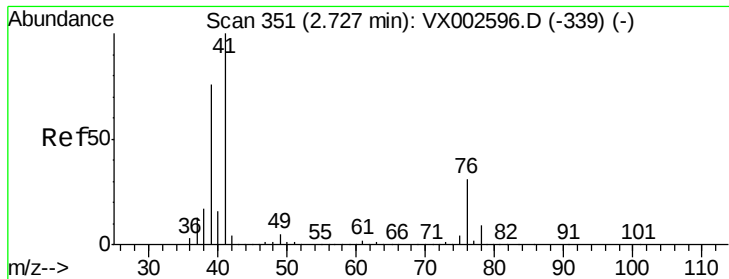


#13

Acrolein
 Concen: 58.72 ug/l
 RT: 2.27 min Scan# 276
 Delta R.T. -0.02 min
 Lab File: VX002634.D
 Acq: 16 Jun 2018 08:58

Tgt Ion: 56 Resp: 17419
 Ion Ratio Lower Upper
 56 100
 55 2228.4 57.0 85.4#





#14

Allvl chloride

Concen: 19.17 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.12 min

Lab File: VX002634.D

Acq: 16 Jun 2018 08:58

Instrument :

MSVOA_X

ClientSampled :

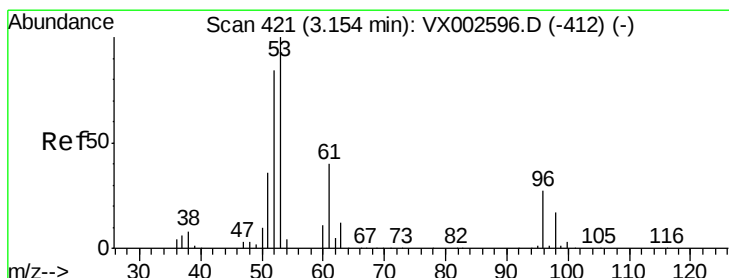
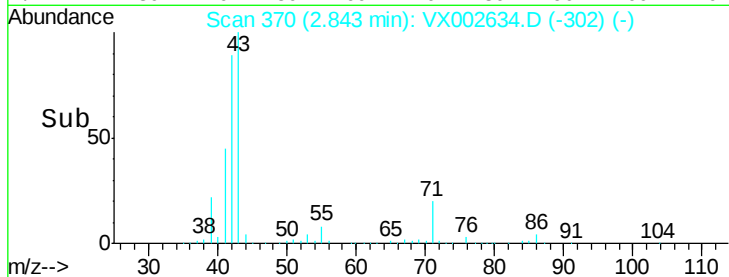
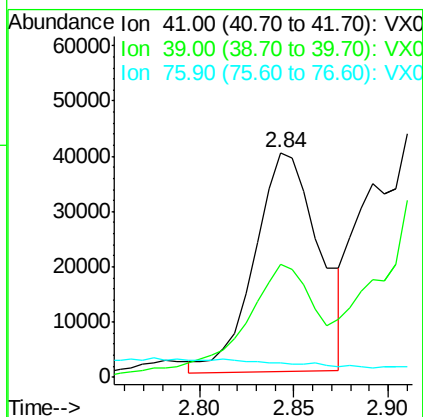
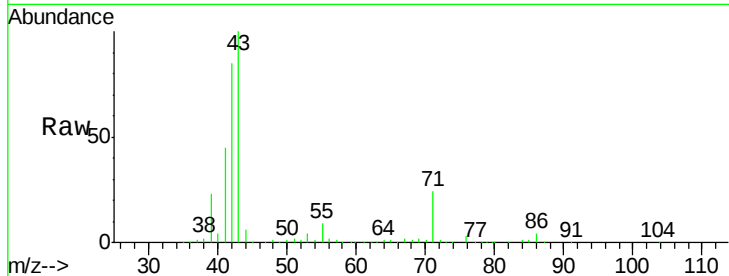
Tot Ion: 41 Resp: 94345

Ion Ratio Lower Upper

41 100

39 57.0 56.8 85.2

76 0.0 23.8 35.8#



#15

Acrylonitrile

Concen: 6.40 ug/l

RT: 3.18 min Scan# 425

Delta R.T. 0.02 min

Lab File: VX002634.D

Acq: 16 Jun 2018 08:58

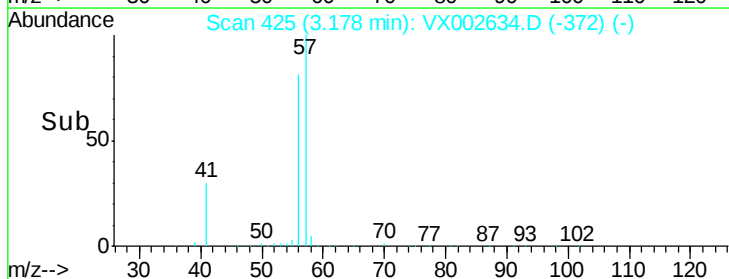
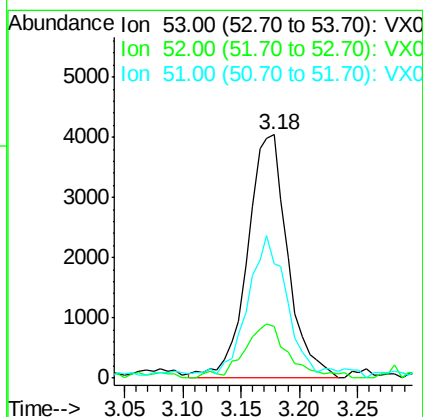
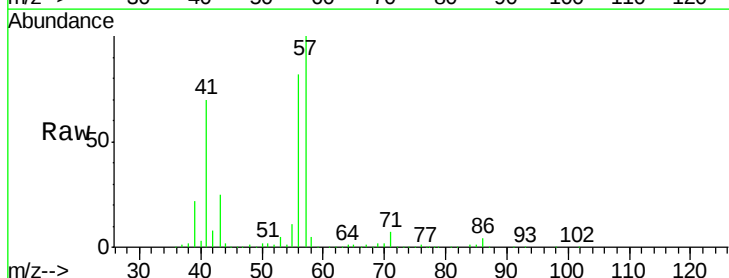
Tgt Ion: 53 Resp: 9735

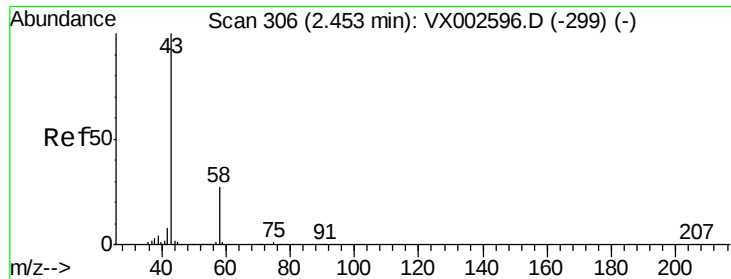
Ion Ratio Lower Upper

53 100

52 25.2 66.7 100.1#

51 53.3 29.9 44.9#





#16

Acetone

Concen: 5.73 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002634.D

Acq: 16 Jun 2018 08:58

Instrument :

MSVOA_X

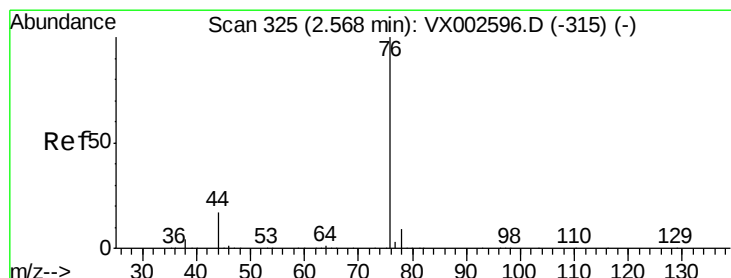
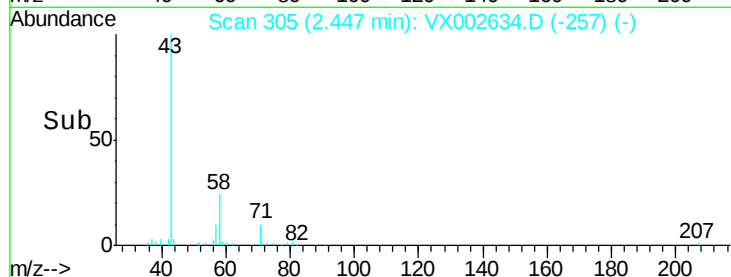
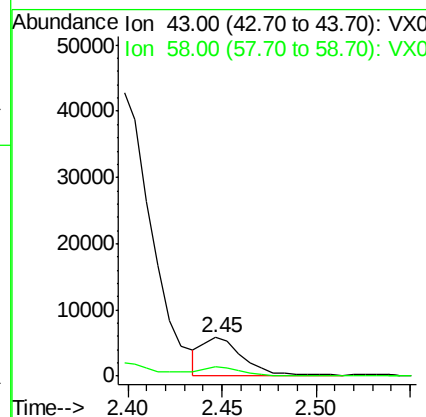
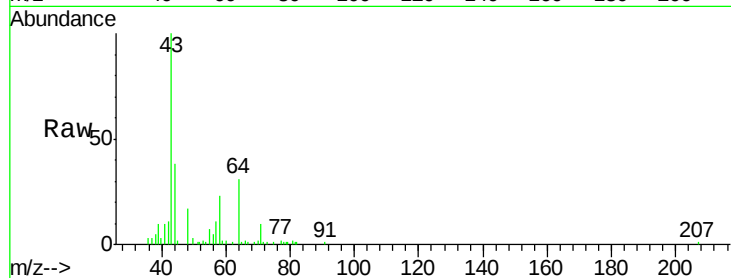
ClientSampleId :

Tot Ion: 43 Resp: 8520

Ion Ratio Lower Upper

43 100

58 21.6 22.1 33.1#



#17

Carbon Disulfide

Concen: 0.31 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX002634.D

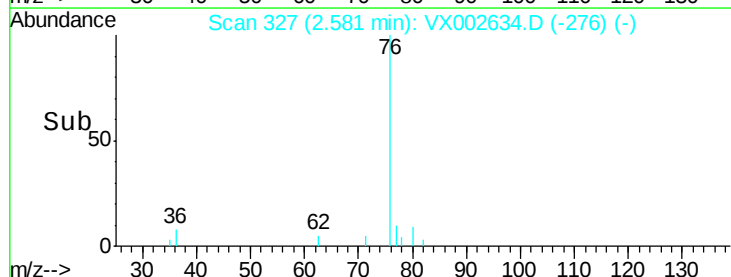
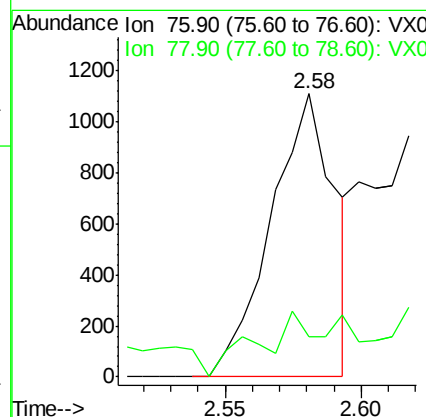
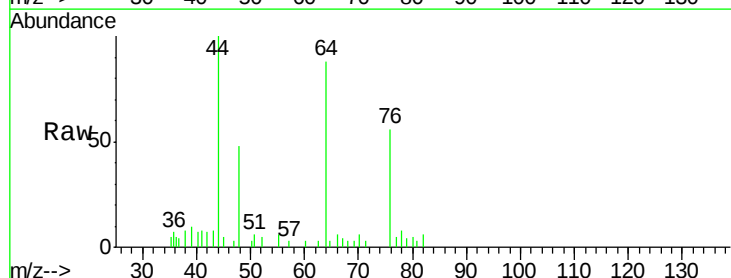
Acq: 16 Jun 2018 08:58

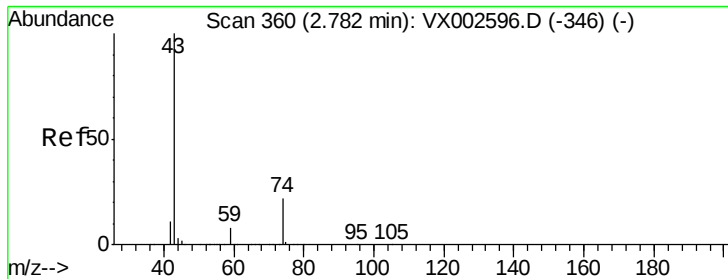
Tgt Ion: 76 Resp: 1801

Ion Ratio Lower Upper

76 100

78 4.2 6.9 10.3#

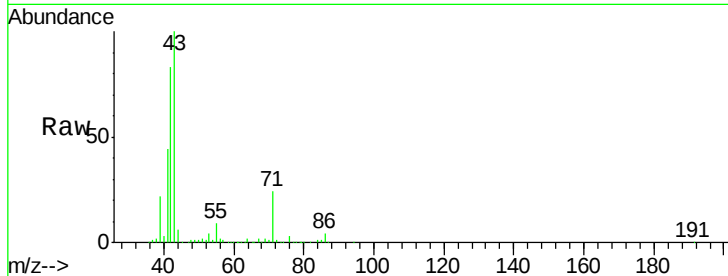




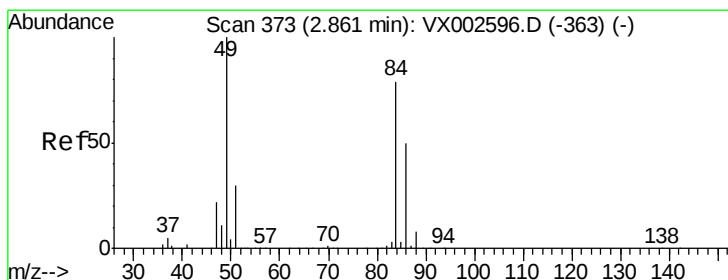
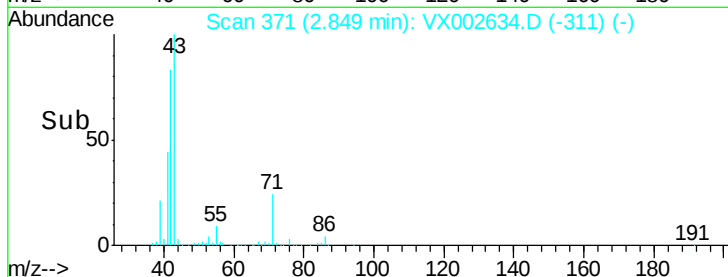
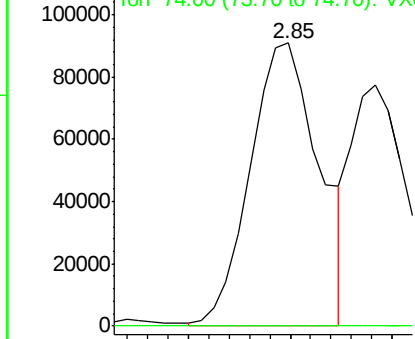
#18
Methyl Acetate
Concen: 53.71 ug/l
RT: 2.85 min Scan# 371
Delta R.T. 0.07 min
Lab File: VX002634.D
Acq: 16 Jun 2018 08:58

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 212805
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#

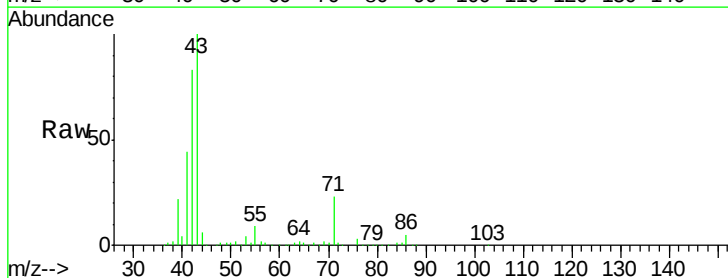


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0

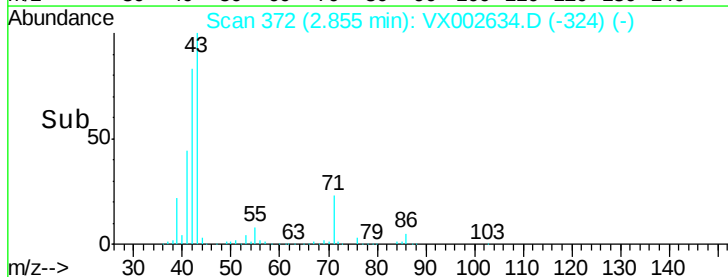
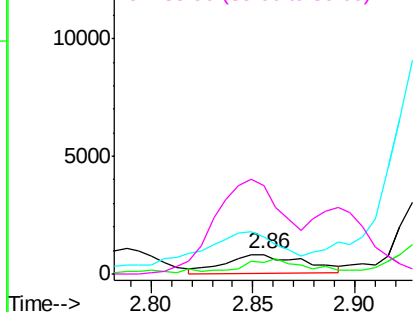


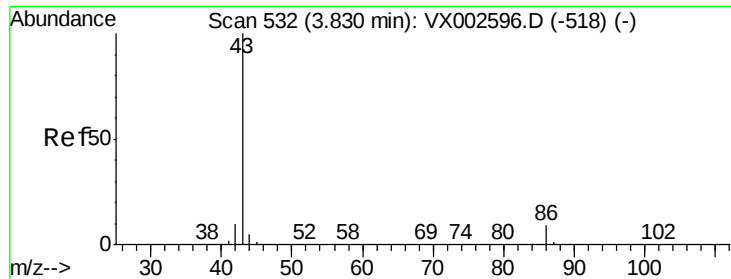
#20
Methylene Chloride
Concen: 0.72 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002634.D
Acq: 16 Jun 2018 08:58

Tgt Ion: 84 Resp: 2183
Ion Ratio Lower Upper
84 100
49 49.0 107.8 161.6#
51 116.1 32.8 49.2#
86 539.1 52.5 78.7#



Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0





#23

Vinyl Acetate

Concen: 0.52 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.01 min

Lab File: VX002634.D

Acq: 16 Jun 2018 08:58

Instrument :

MSVOA_X

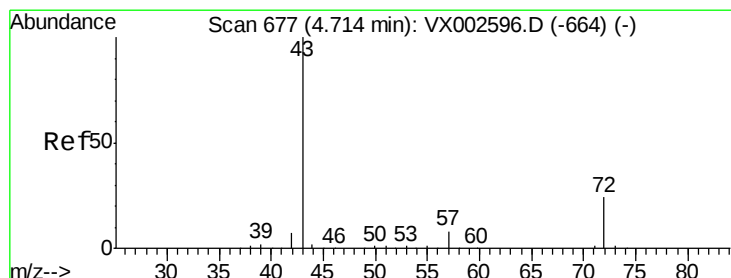
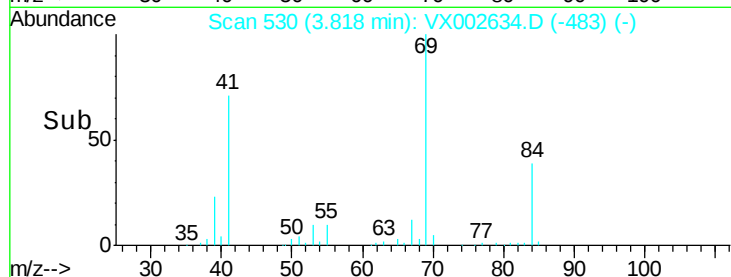
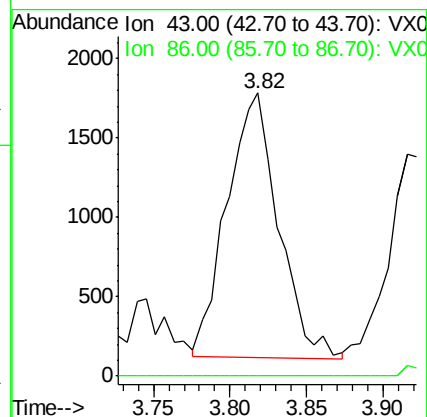
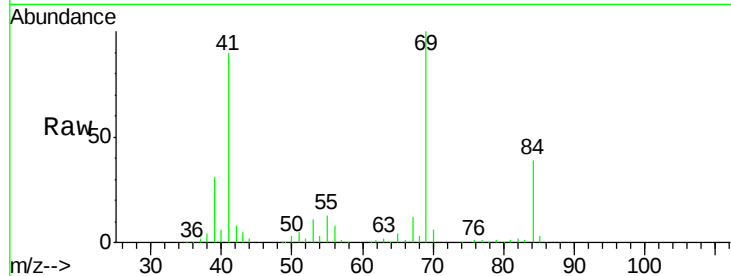
ClientSampleId :

Tot Ion: 43 Resp: 3897

Ion Ratio Lower Upper

43 100

86 0.0 7.4 11.0#



#25

2-Butanone

Concen: 1.90 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002634.D

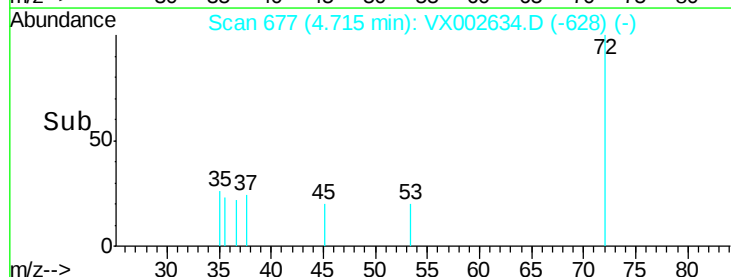
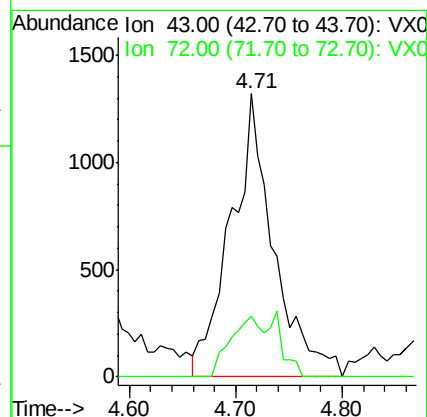
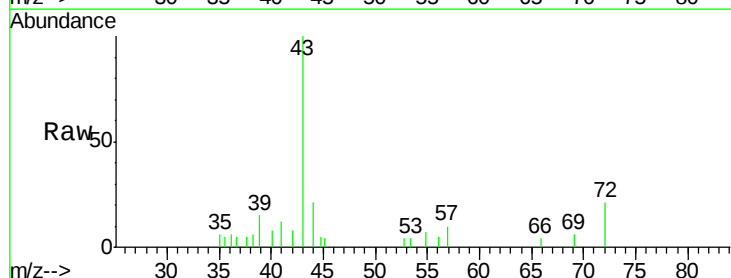
Acq: 16 Jun 2018 08:58

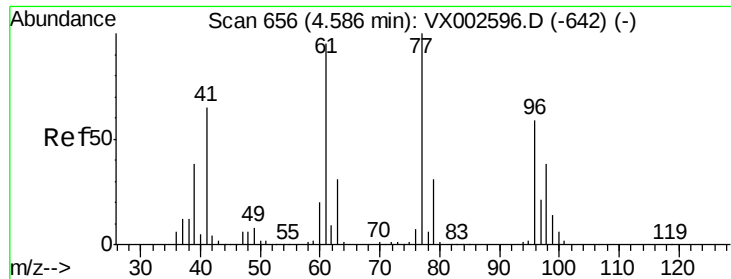
Tgt Ion: 43 Resp: 3713

Ion Ratio Lower Upper

43 100

72 21.4 18.5 27.7

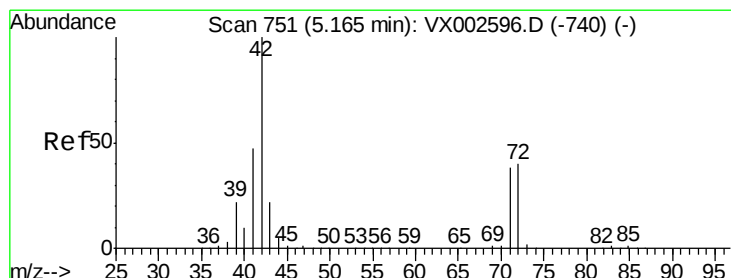
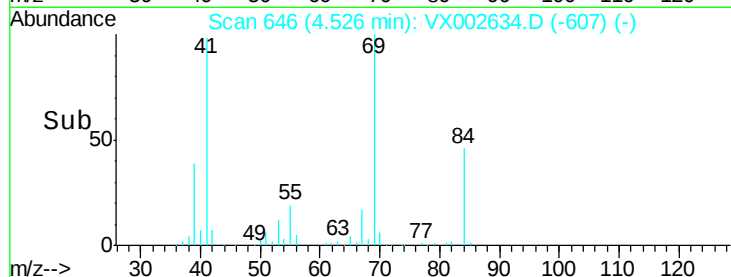
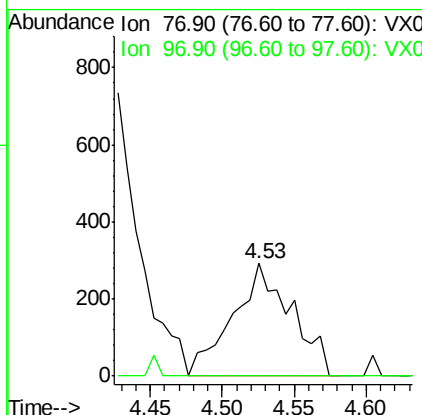
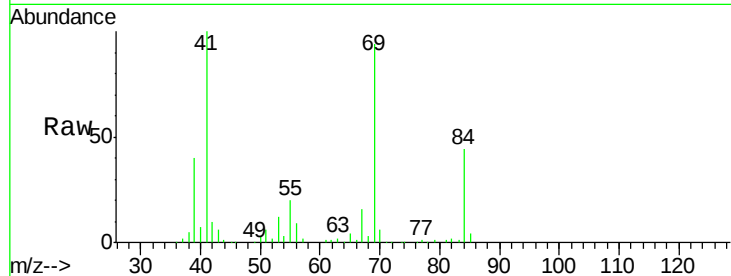




#26
 2,2-Dichloropropane
 Concen: 0.24 ug/l
 RT: 4.53 min Scan# 646
 Delta R.T. -0.06 min
 Lab File: VX002634.D
 Acq: 16 Jun 2018 08:58

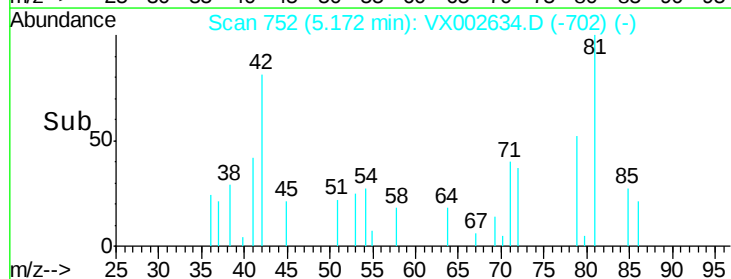
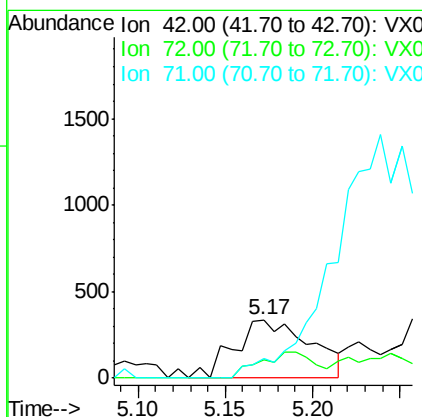
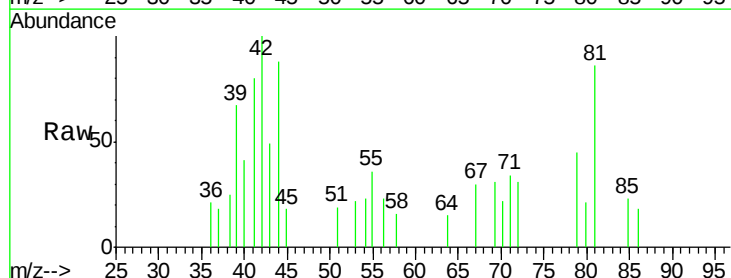
Instrument :
 MSVOA_X
 ClientSampled :

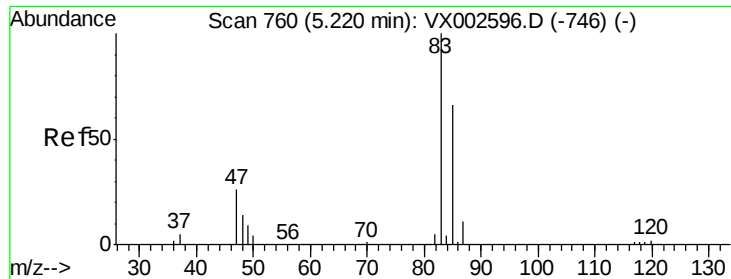
Tot Ion: 77 Resp: 824
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.2 33.5#



#29
 Tetrahydrofuran
 Concen: 0.79 ug/l
 RT: 5.17 min Scan# 752
 Delta R.T. 0.01 min
 Lab File: VX002634.D
 Acq: 16 Jun 2018 08:58

Tgt Ion: 42 Resp: 1017
 Ion Ratio Lower Upper
 42 100
 72 32.4 32.0 48.0
 71 0.0 30.1 45.1#

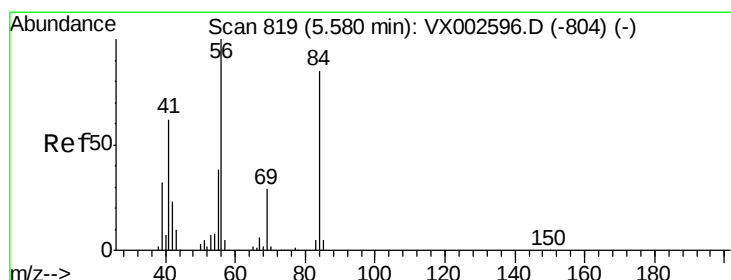
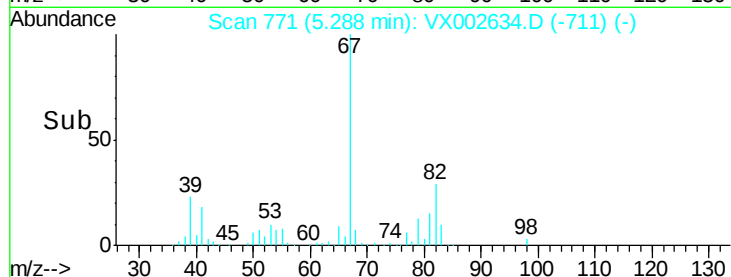
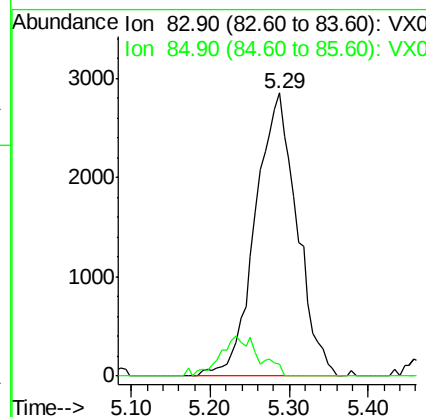
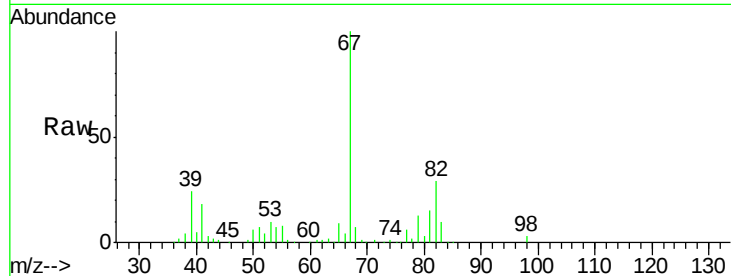




#30
Chloroform
Concen: 2.24 ug/l
RT: 5.29 min Scan# 771
Delta R.T. 0.07 min
Lab File: VX002634.D
Acq: 16 Jun 2018 08:58

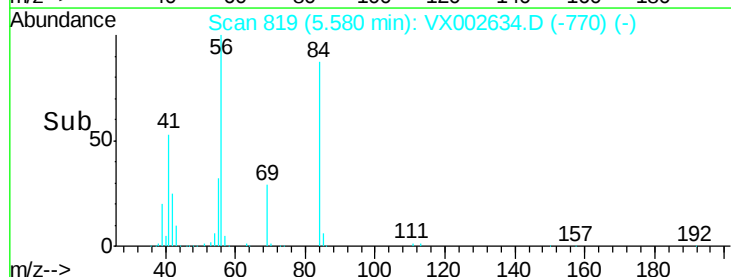
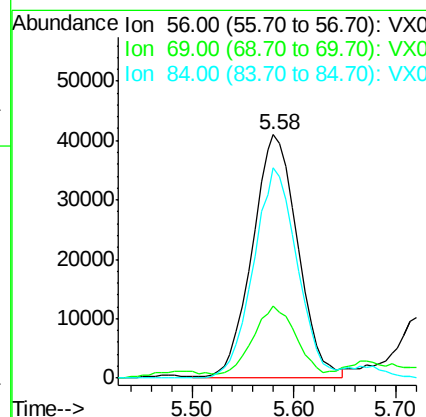
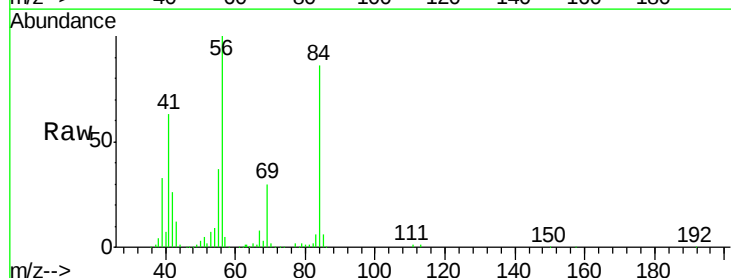
Instrument :
MSVOA_X
ClientSampled :

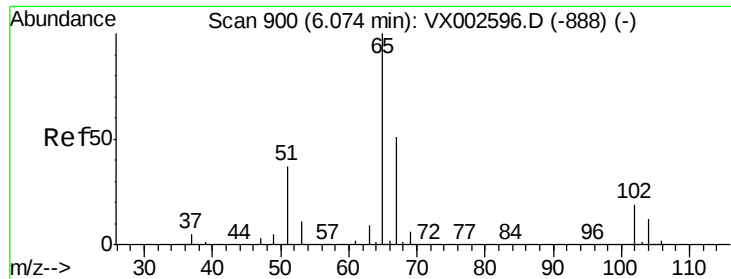
Tot Ion: 83 Resp: 10450
Ion Ratio Lower Upper
83 100
85 4.3 50.4 75.6#



#31
Cyclohexane
Concen: 31.80 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX002634.D
Acq: 16 Jun 2018 08:58

Tgt Ion: 56 Resp: 126521
Ion Ratio Lower Upper
56 100
69 27.3 23.7 35.5
84 86.9 64.1 96.1





#33

1,2-Dichloroethane-d4

Concen: 44.12 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002634.D

Acq: 16 Jun 2018 08:58

Instrument :

MSVOA_X

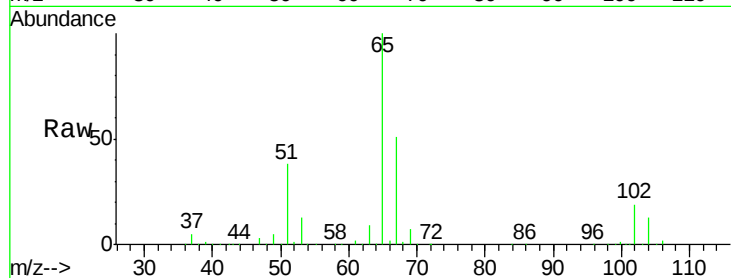
ClientSampleId :

Tot Ion: 65 Resp: 148714

Ion Ratio Lower Upper

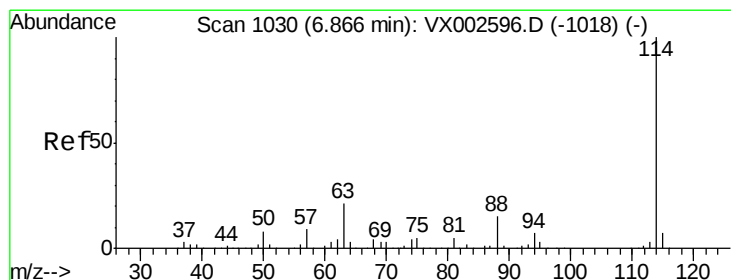
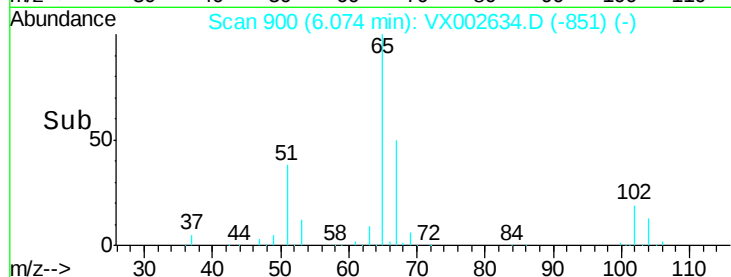
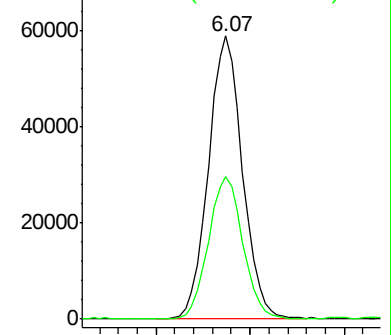
65 100

67 51.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002634.D

Acq: 16 Jun 2018 08:58

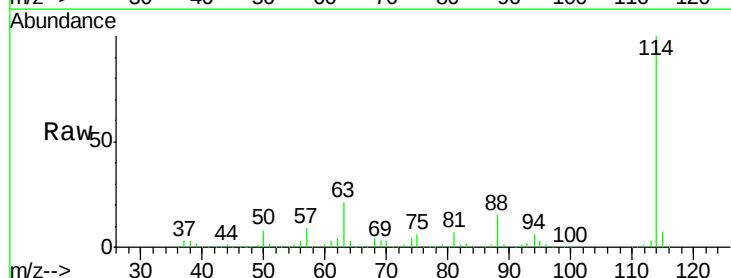
Tgt Ion: 114 Resp: 310836

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.4

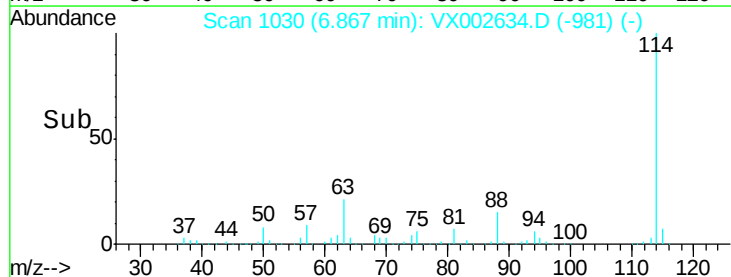
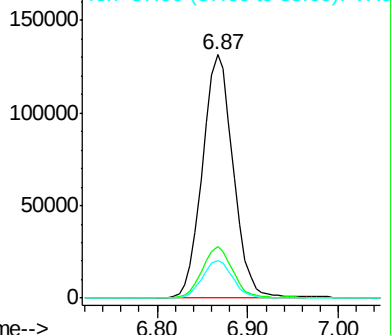
88 15.2 0.0 30.0

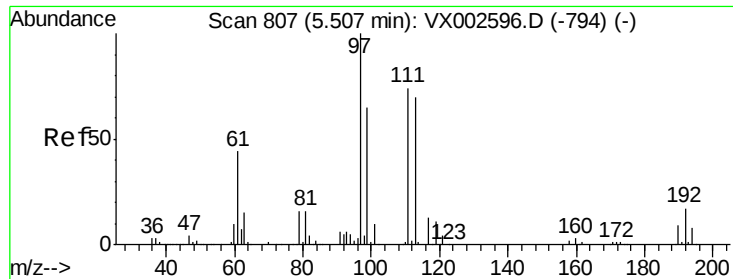


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

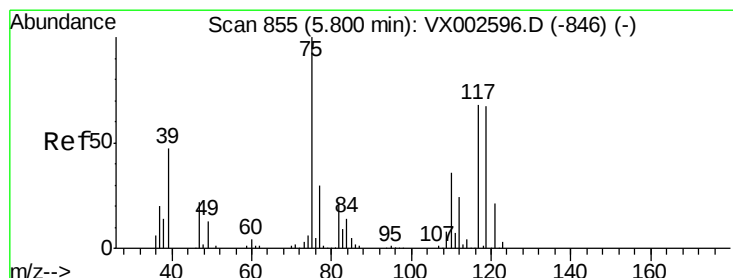
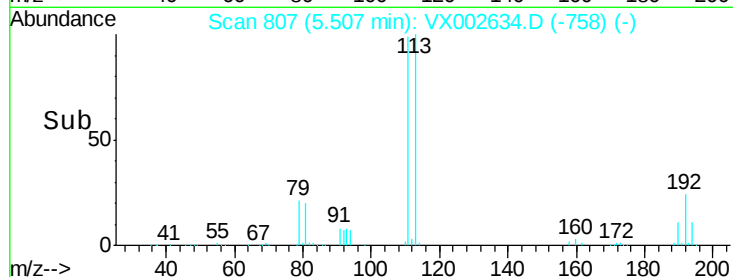
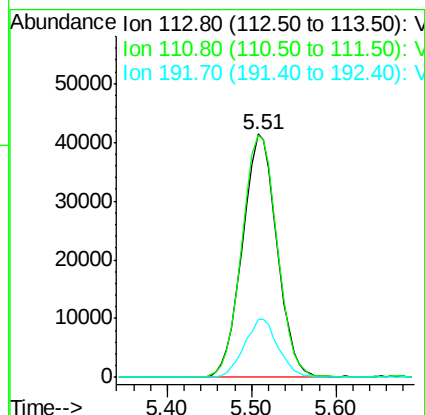
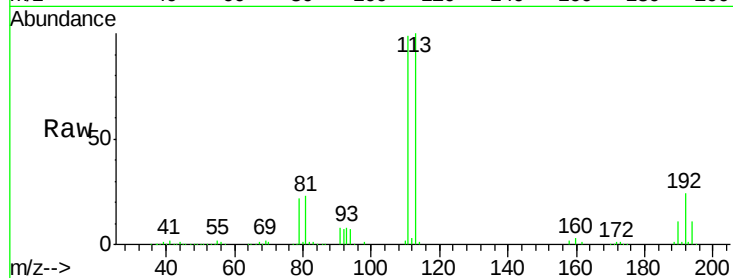




#35
 Dibromofluoromethane
 Concen: 46.20 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002634.D
 Acq: 16 Jun 2018 08:58

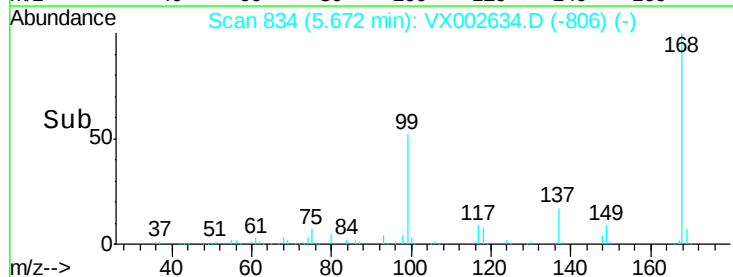
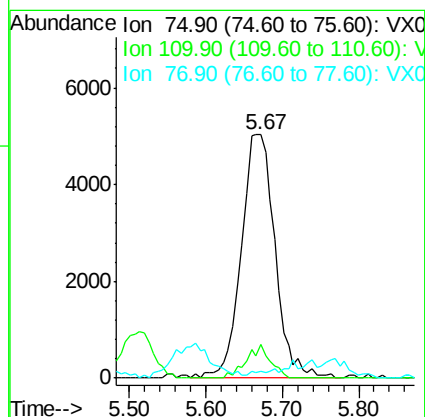
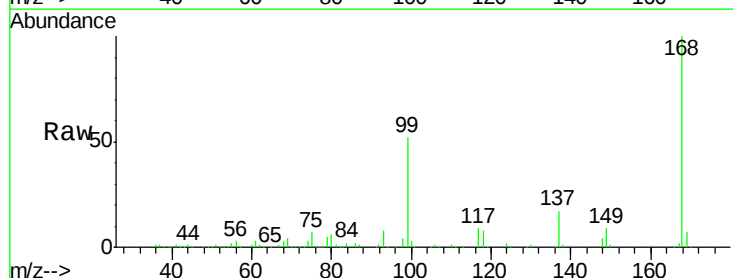
Instrument :
 MSVOA_X
 ClientSampled :

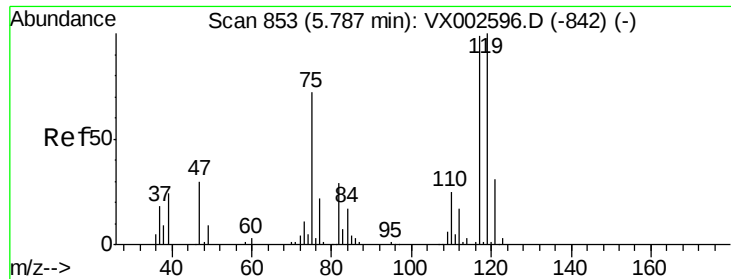
Tot Ion:113 Resp: 114620
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.4 122.0
 192 23.5 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 4.67 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX002634.D
 Acq: 16 Jun 2018 08:58

Tgt Ion: 75 Resp: 15410
 Ion Ratio Lower Upper
 75 100
 110 9.7 18.1 54.4#
 77 2.4 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 6.34 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX002634.D

Acq: 16 Jun 2018 08:58

Instrument :

MSVOA_X

ClientSampled :

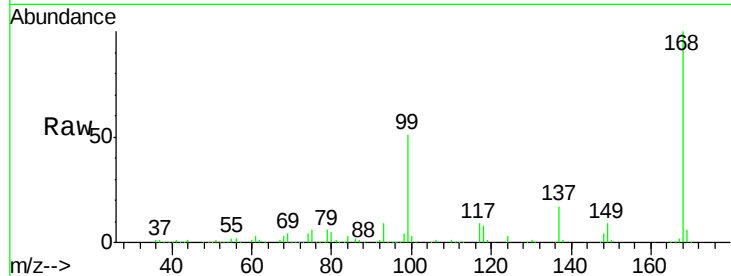
Tot Ion:117 Resp: 20831

Ion Ratio Lower Upper

117 100

119 5.9 77.4 116.0#

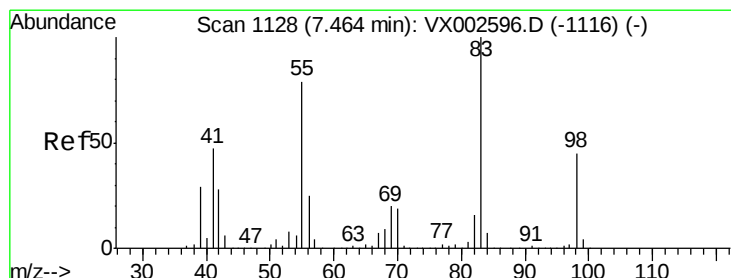
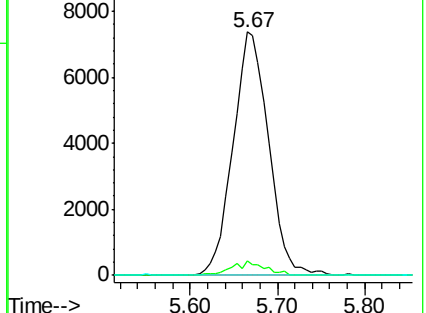
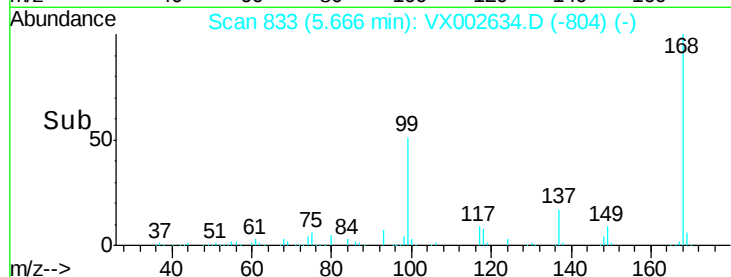
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 14.85 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX002634.D

Acq: 16 Jun 2018 08:58

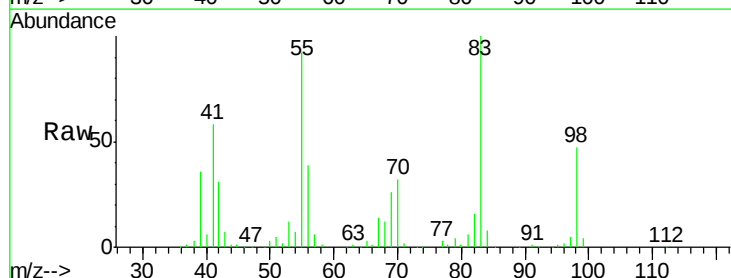
Tgt Ion: 83 Resp: 57309

Ion Ratio Lower Upper

83 100

55 91.3 65.4 98.0

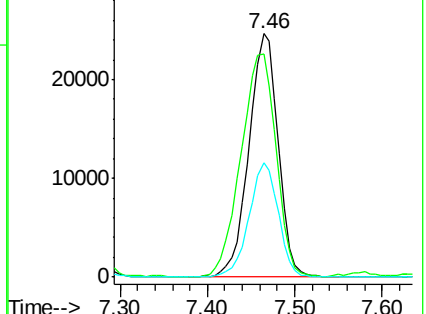
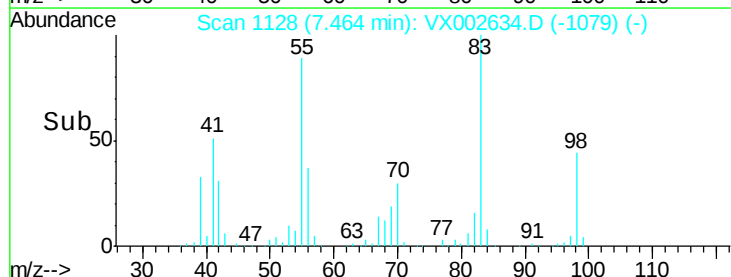
98 46.8 37.4 56.0

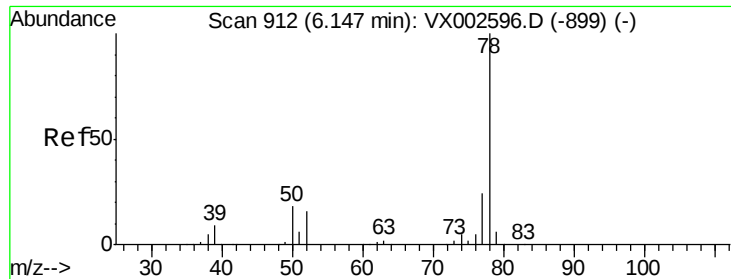


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.44 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.01 min

Lab File: VX002634.D

Acq: 16 Jun 2018 08:58

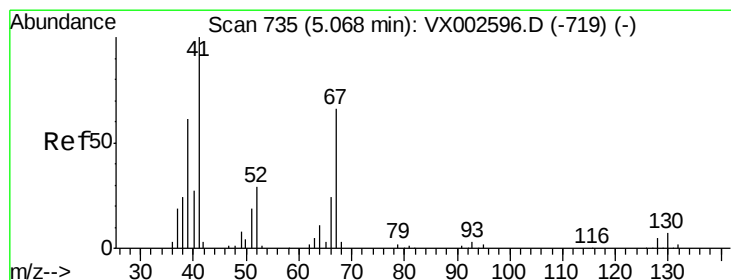
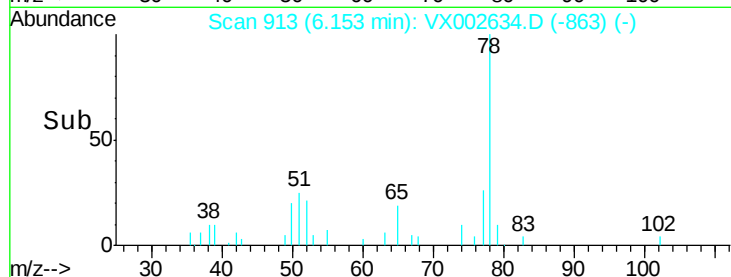
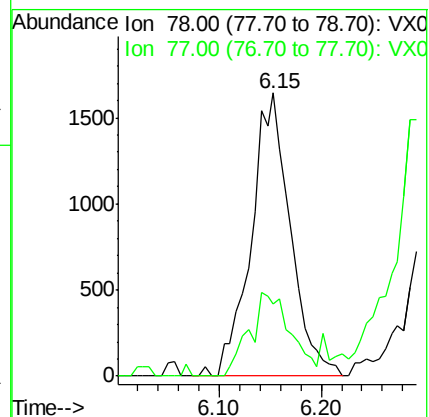
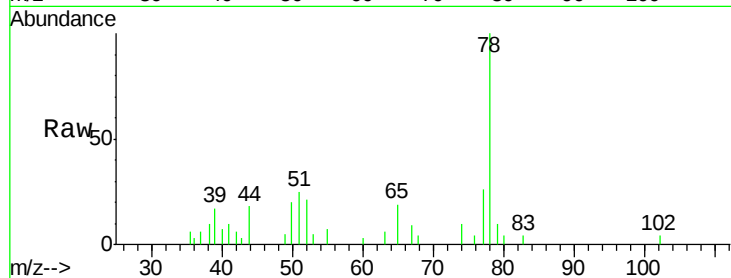
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 78 Resp: 4390

Ion Ratio Lower Upper

78 100

77 25.6 19.1 28.7



#41

Methacrylonitrile

Concen: 0.50 ug/l

RT: 5.06 min Scan# 733

Delta R.T. -0.01 min

Lab File: VX002634.D

Acq: 16 Jun 2018 08:58

Tgt Ion: 41 Resp: 1056

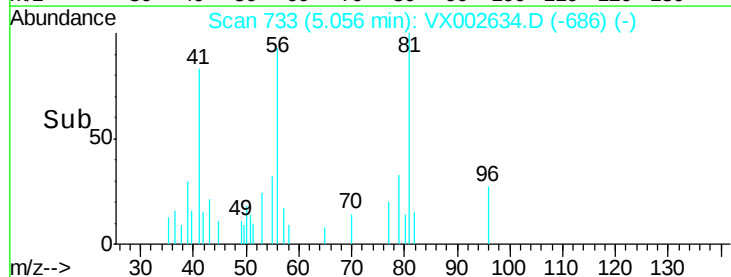
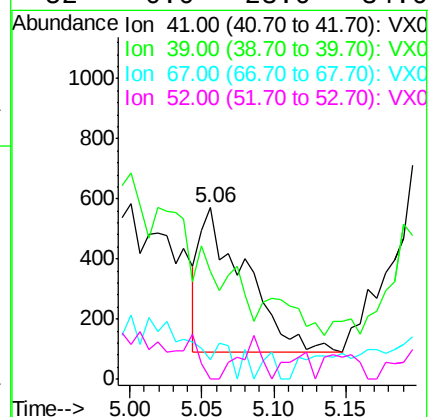
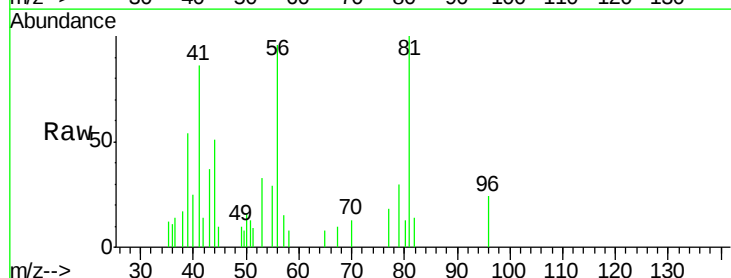
Ion Ratio Lower Upper

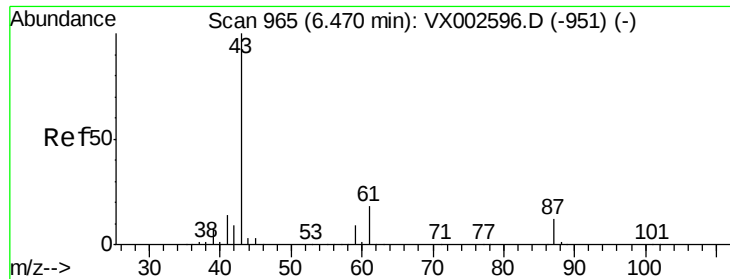
41 100

39 0.0 45.8 68.6#

67 0.0 51.3 76.9#

52 0.0 23.0 34.6#





#43

Isopropyl Acetate

Concen: 0.54 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002634.D

Acq: 16 Jun 2018 08:58

Instrument :

MSVOA_X

ClientSampled :

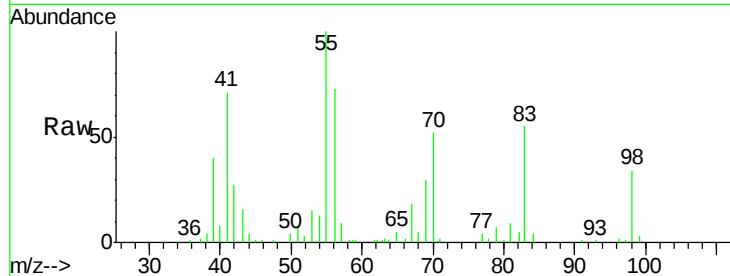
Tot Ion: 43 Resp: 3317

Ion Ratio Lower Upper

43 100

61 0.0 14.4 21.6#

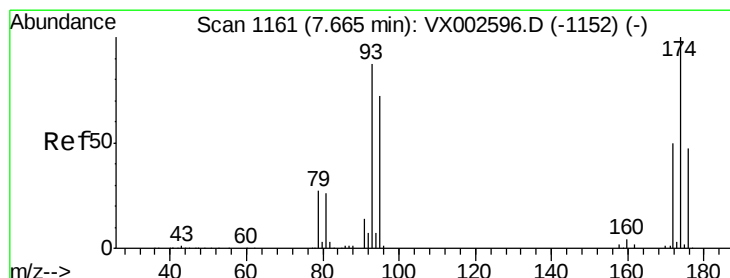
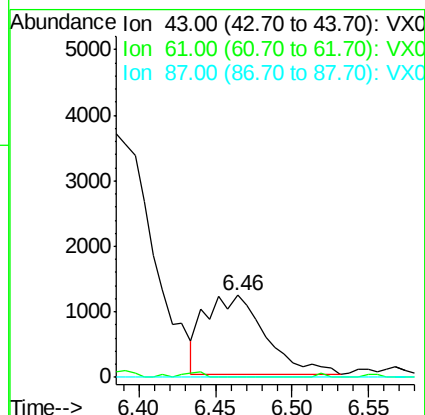
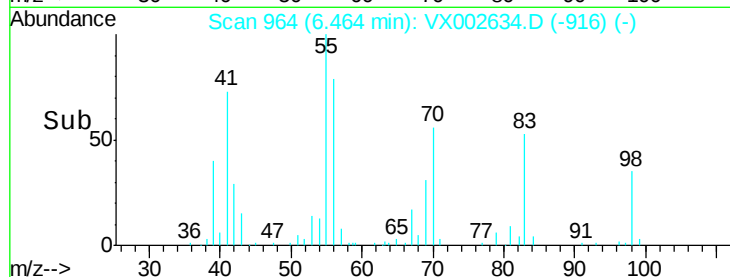
87 0.0 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#46

Dibromomethane

Concen: 0.21 ug/l

RT: 7.63 min Scan# 1156

Delta R.T. -0.03 min

Lab File: VX002634.D

Acq: 16 Jun 2018 08:58

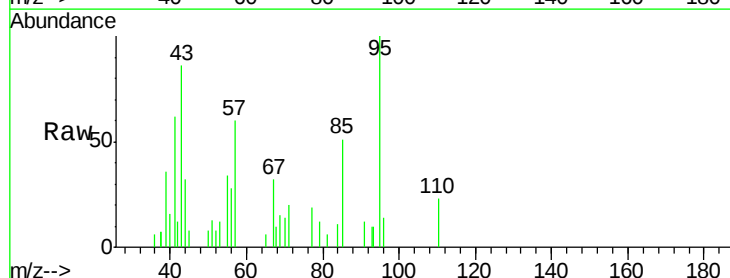
Tgt Ion: 93 Resp: 361

Ion Ratio Lower Upper

93 100

95 833.8 65.9 98.9#

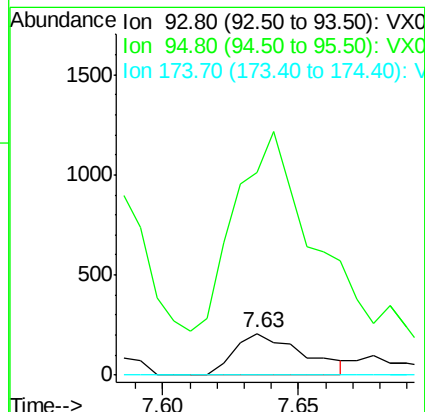
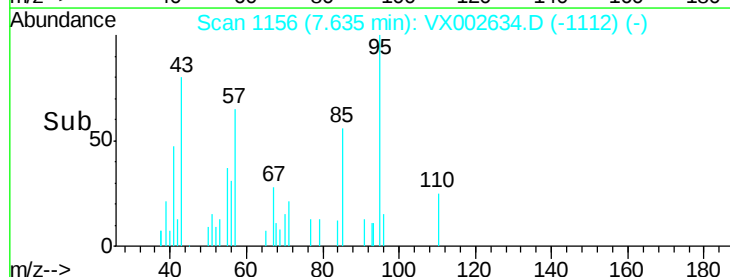
174 0.0 92.4 138.6#

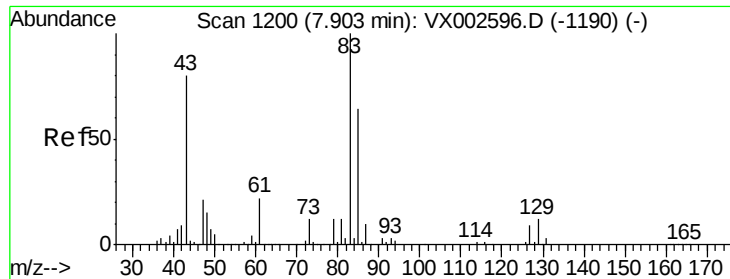


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 0.23 ug/l

RT: 7.95 min Scan# 1207

Delta R.T. 0.04 min

Lab File: VX002634.D

Acq: 16 Jun 2018 08:58

Instrument :

MSVOA_X

ClientSampleId :

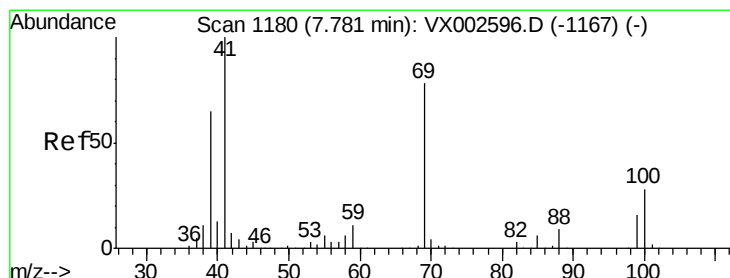
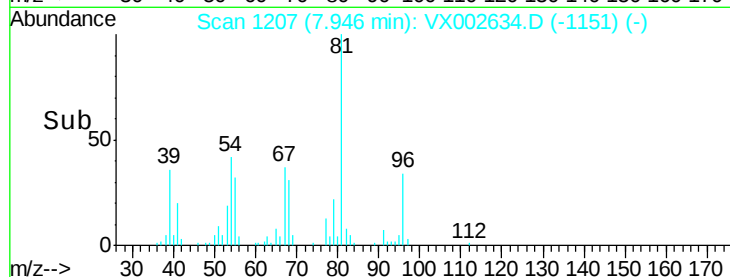
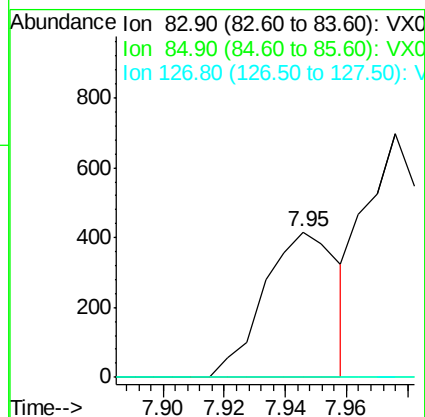
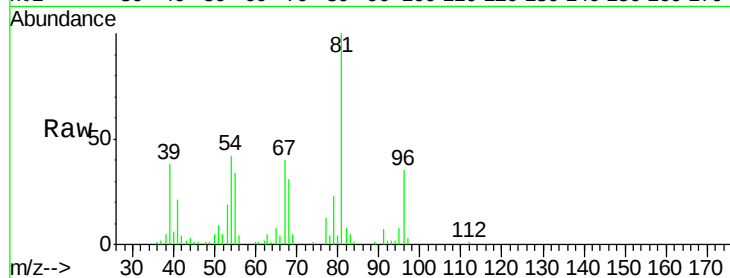
Tot Ion: 83 Resp: 701

Ion Ratio Lower Upper

83 100

85 0.0 50.3 75.5#

127 0.0 7.0 10.4#



#48

Methyl methacrylate

Concen: 2.84 ug/l

RT: 7.73 min Scan# 1172

Delta R.T. -0.05 min

Lab File: VX002634.D

Acq: 16 Jun 2018 08:58

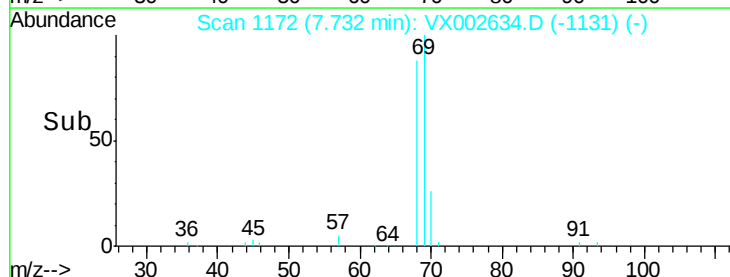
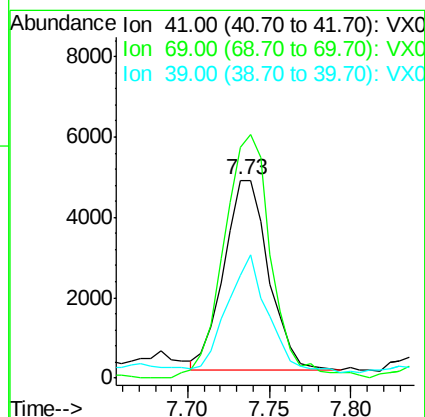
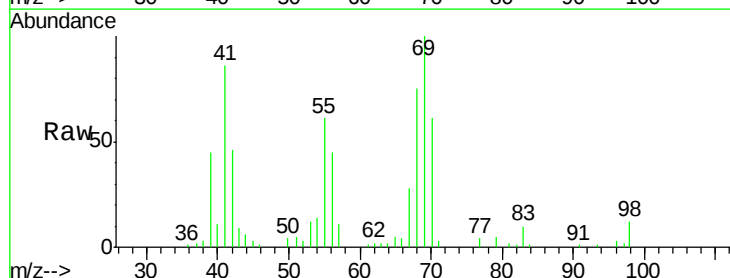
Tgt Ion: 41 Resp: 8996

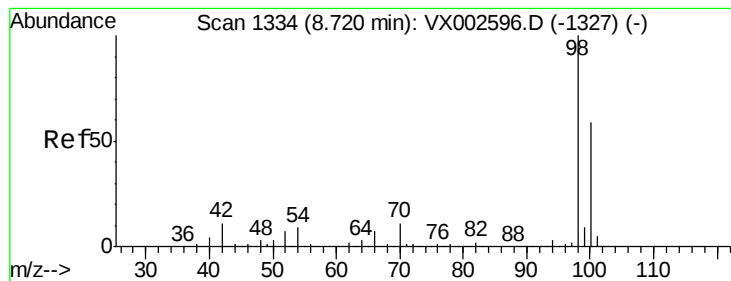
Ion Ratio Lower Upper

41 100

69 136.9 59.1 88.7#

39 56.9 48.9 73.3





#50

Toluene-d8

Concen: 49.02 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002634.D

Acq: 16 Jun 2018 08:58

Instrument :

MSVOA_X

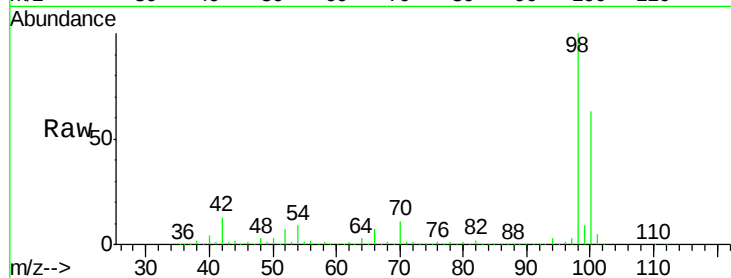
ClientSampleId :

Tot Ion: 98 Resp: 461774

Ion Ratio Lower Upper

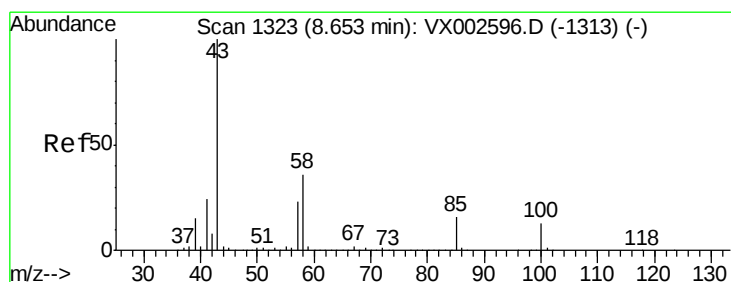
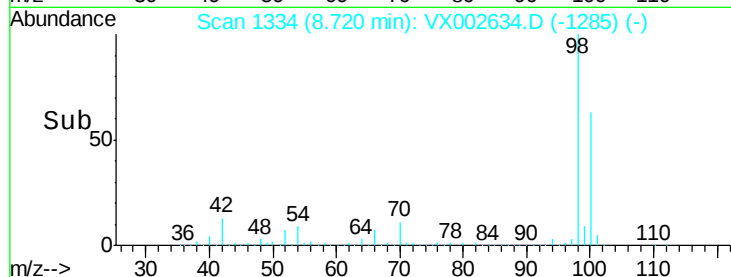
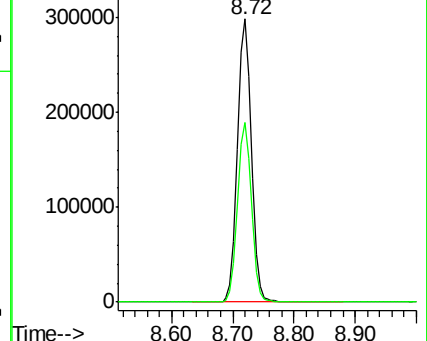
98 100

100 63.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 0.28 ug/l

RT: 8.67 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX002634.D

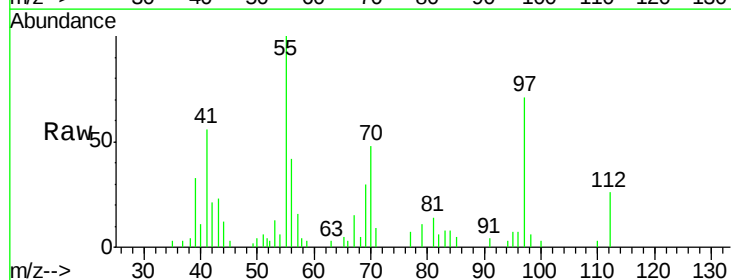
Acq: 16 Jun 2018 08:58

Tgt Ion: 43 Resp: 1103

Ion Ratio Lower Upper

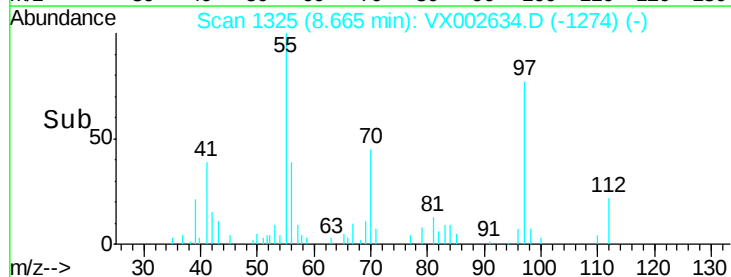
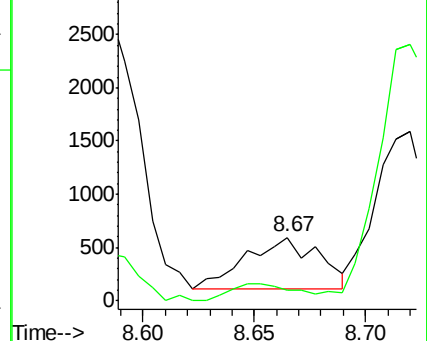
43 100

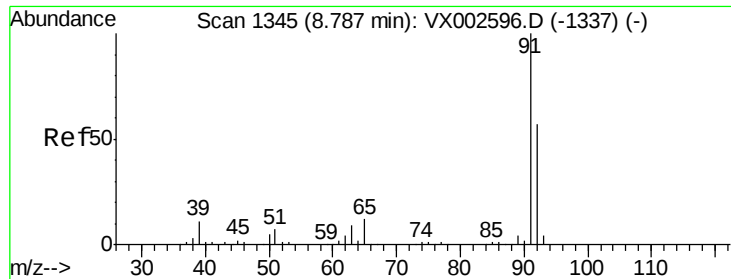
58 29.6 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 64.66 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002634.D

Acq: 16 Jun 2018 08:58

Instrument :

MSVOA_X

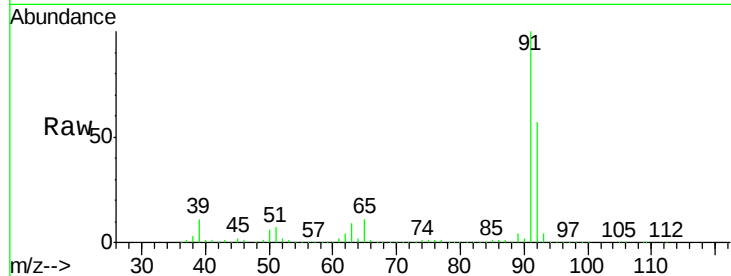
ClientSampled :

Tot Ion: 92 Resp: 408314

Ion Ratio Lower Upper

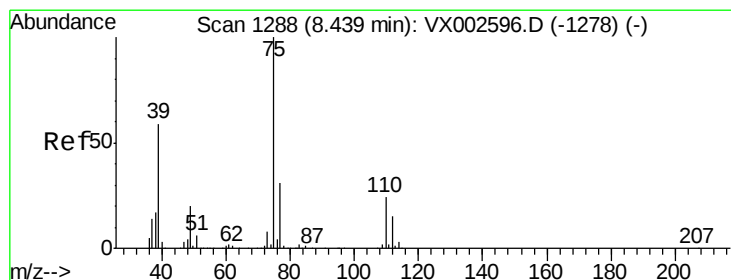
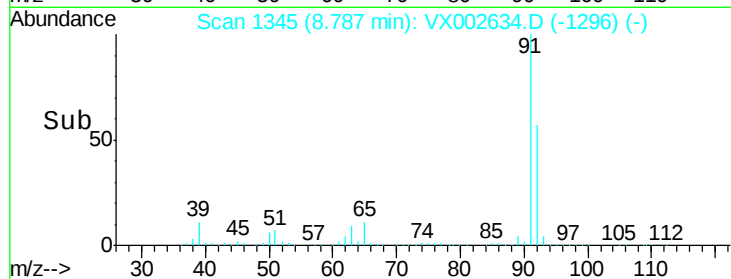
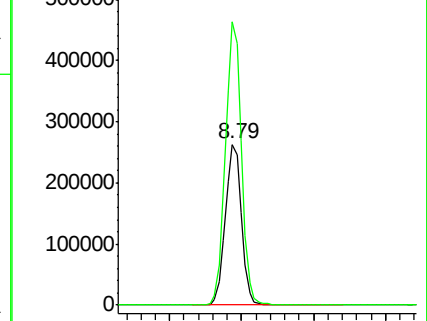
92 100

91 175.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 2.44 ug/l

RT: 8.57 min Scan# 1310

Delta R.T. 0.13 min

Lab File: VX002634.D

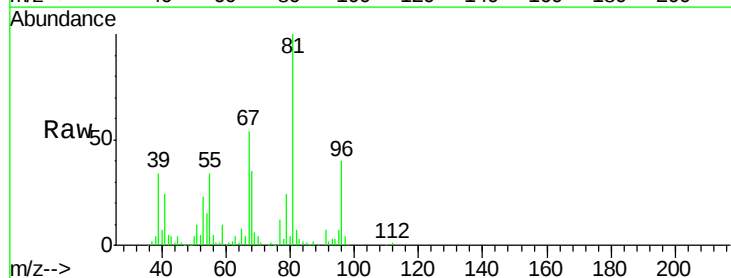
Acq: 16 Jun 2018 08:58

Tgt Ion: 75 Resp: 197

Ion Ratio Lower Upper

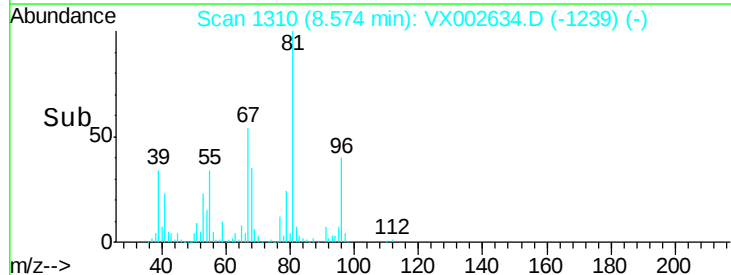
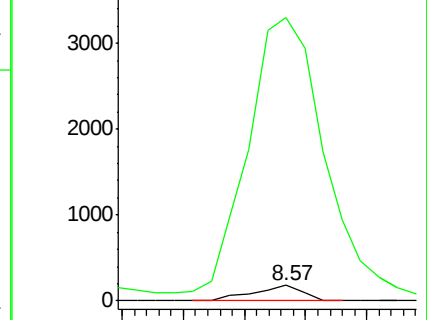
75 100

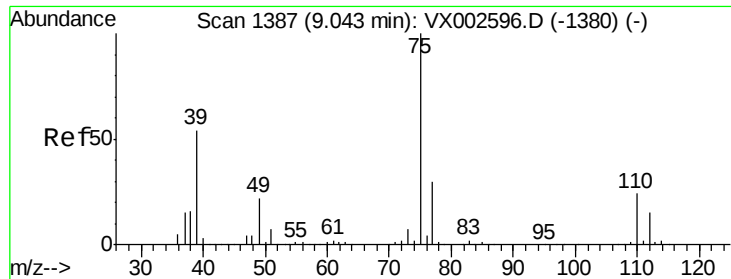
77 1742.1 25.4 38.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



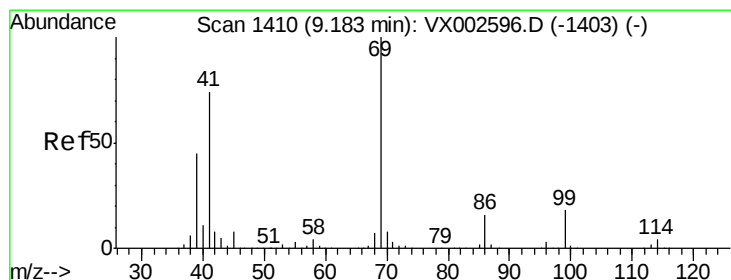
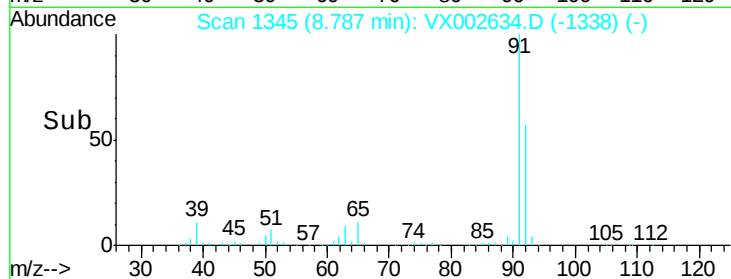
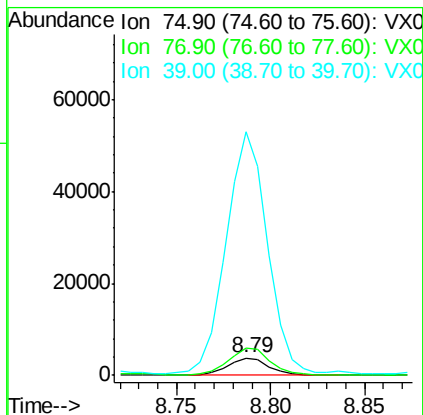
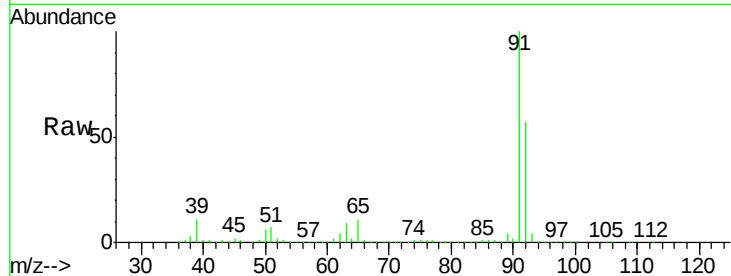


#54

cis-1,3-Dichloropropene
Concen: 4.55 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.26 min
Lab File: VX002634.D
Acq: 16 Jun 2018 08:58

Instrument :
MSVOA_X
ClientSampleId :

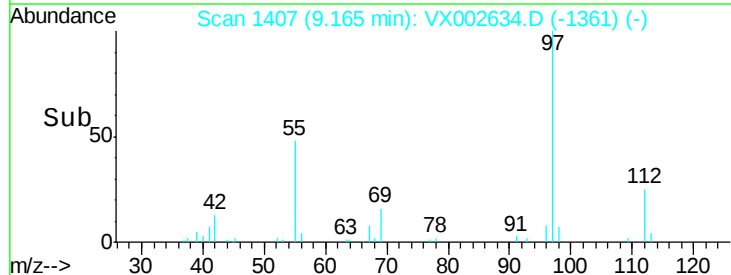
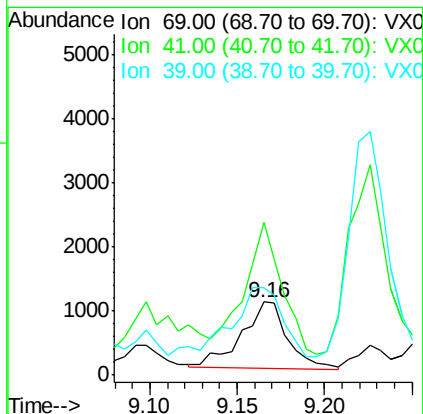
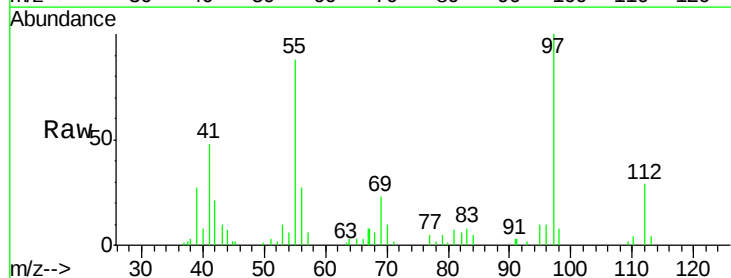
Tot Ion: 75 Resp: 5544
Ion Ratio Lower Upper
75 100
77 150.3 24.8 37.2#
39 1378.9 42.4 63.6#

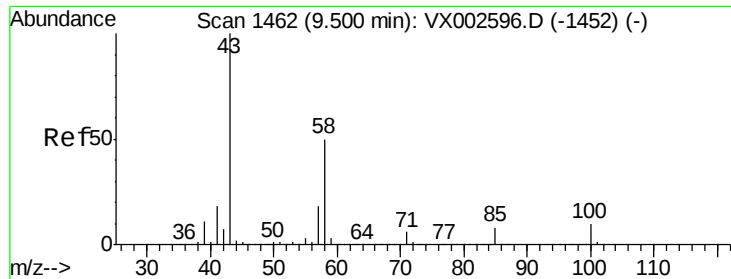


#56

Ethyl methacrylate
Concen: 0.48 ug/l
RT: 9.16 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VX002634.D
Acq: 16 Jun 2018 08:58

Tgt Ion: 69 Resp: 1894
Ion Ratio Lower Upper
69 100
41 161.7 60.3 90.5#
39 116.2 35.8 53.8#

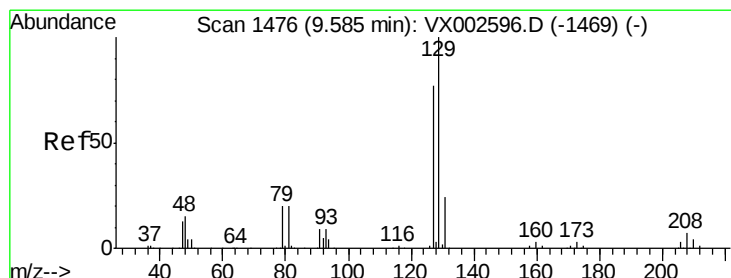
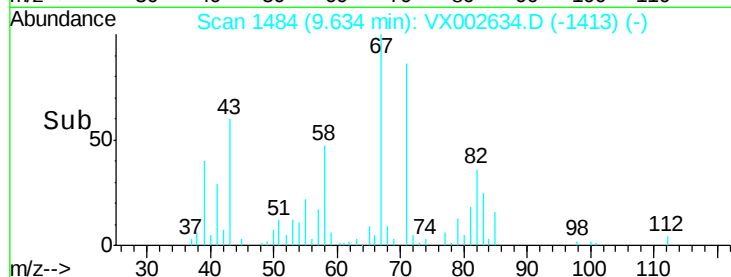
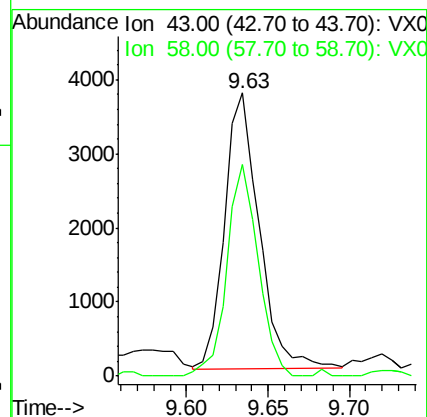
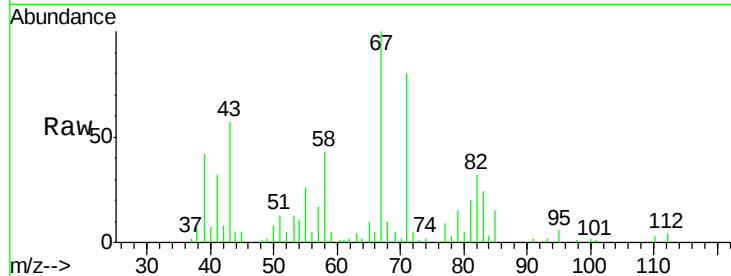




#59
2-Hexanone
Concen: 1.83 ug/l
RT: 9.63 min Scan# 1484
Delta R.T. 0.13 min
Lab File: VX002634.D
Acq: 16 Jun 2018 08:58

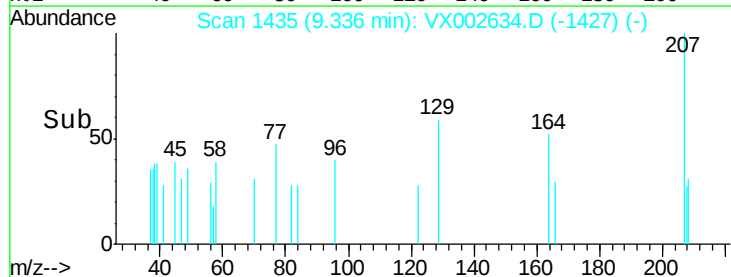
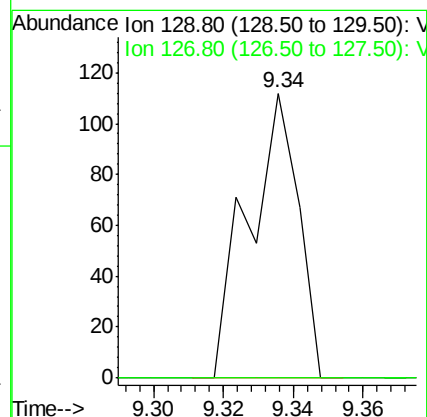
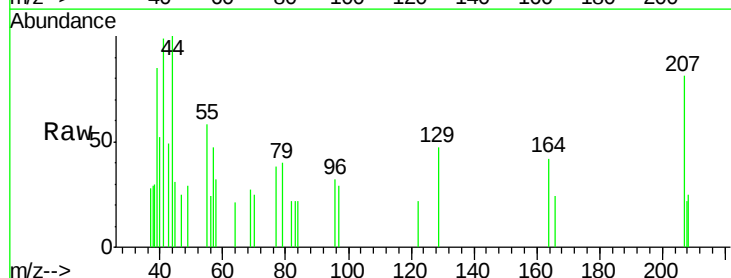
Instrument :
MSVOA_X
ClientSampled :

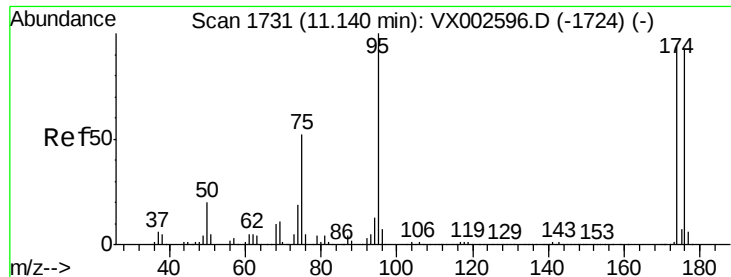
Tot Ion: 43 Resp: 5474
Ion Ratio Lower Upper
43 100
58 69.5 24.6 73.6



#60
Dibromochloromethane
Concen: 3.80 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.25 min
Lab File: VX002634.D
Acq: 16 Jun 2018 08:58

Tgt Ion: 129 Resp: 111
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#

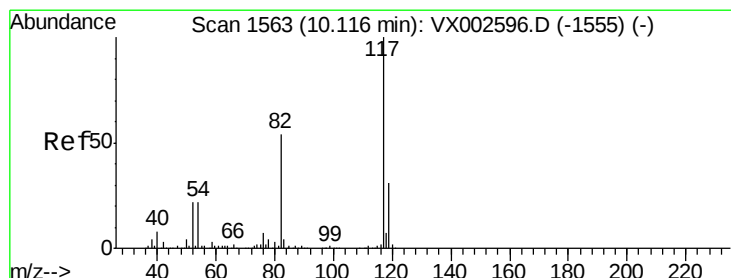
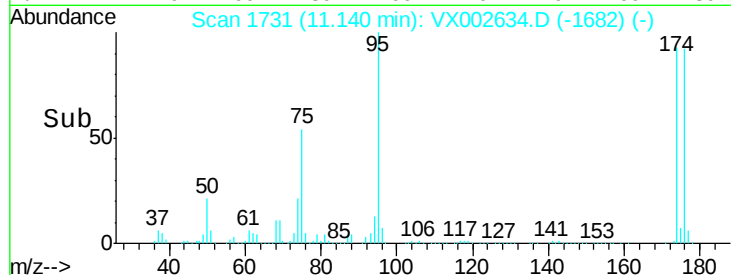
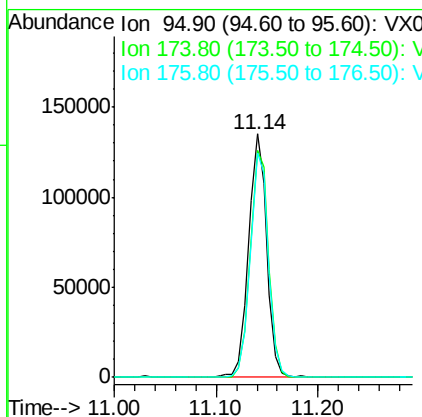
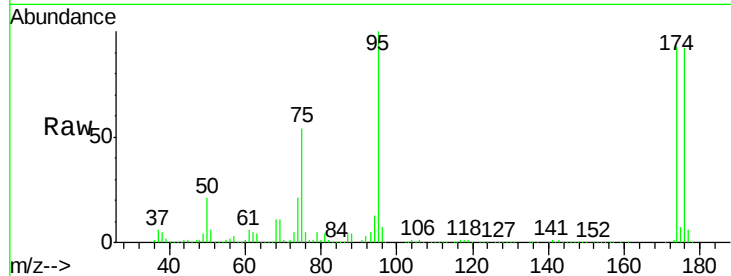




#62
4-Bromofluorobenzene
Concen: 46.76 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002634.D
Acq: 16 Jun 2018 08:58

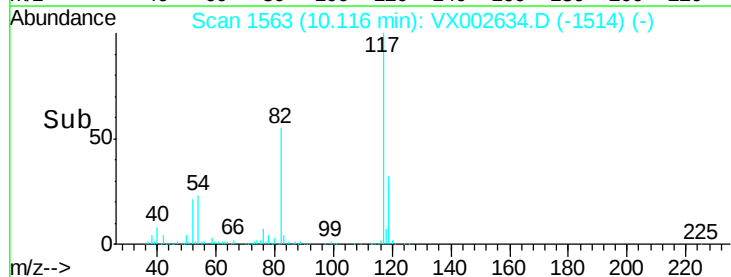
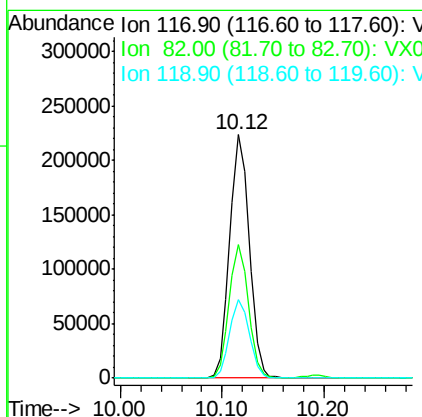
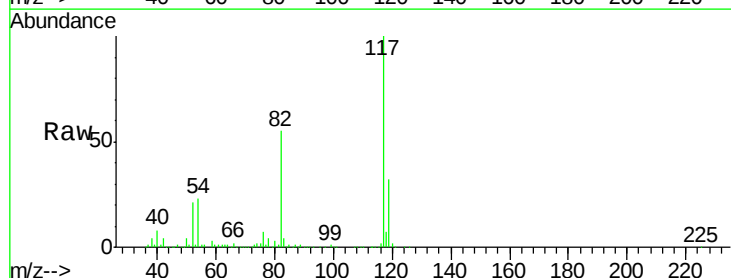
Instrument :
MSVOA_X
ClientSampleId :

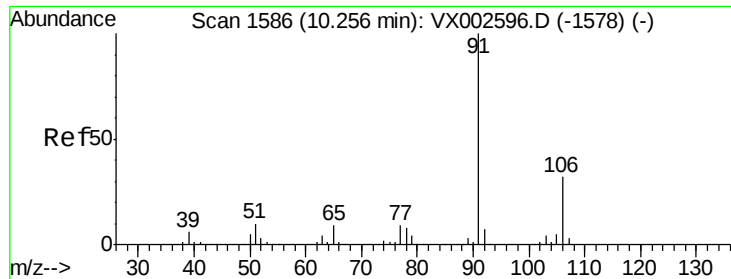
Tot Ion: 95 Resp: 166907
Ion Ratio Lower Upper
95 100
174 95.0 0.0 187.4
176 92.7 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002634.D
Acq: 16 Jun 2018 08:58

Tgt Ion: 117 Resp: 296833
Ion Ratio Lower Upper
117 100
82 54.8 45.0 67.4
119 32.2 25.8 38.6

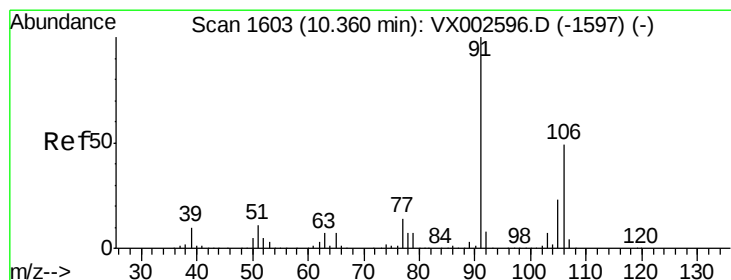
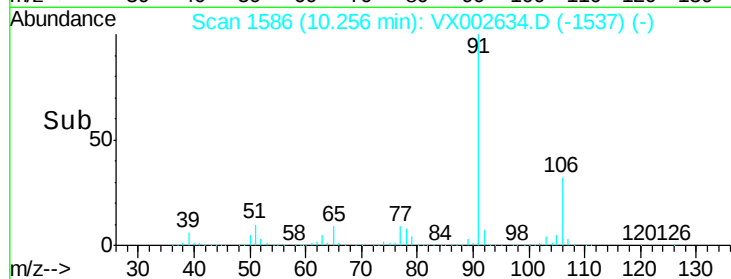
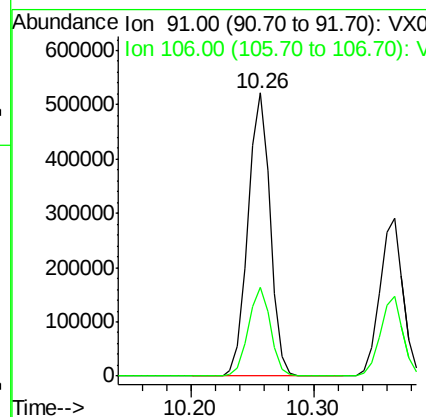
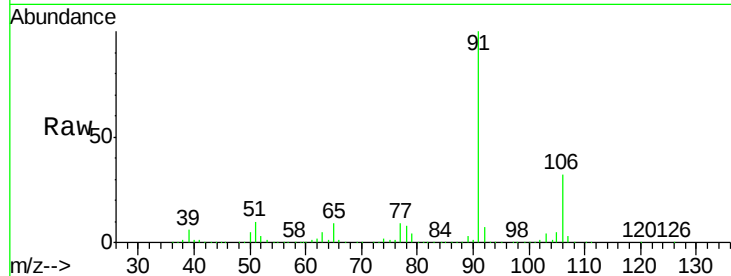




#67
Ethyl Benzene
Concen: 53.18 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002634.D
Acq: 16 Jun 2018 08:58

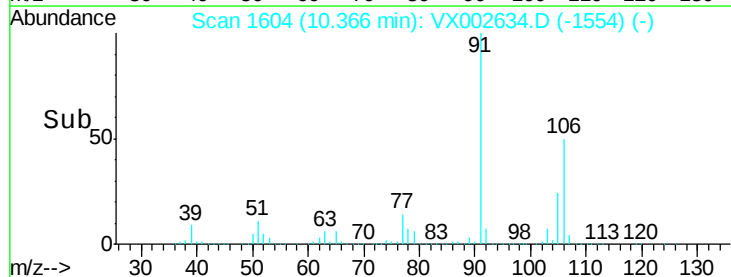
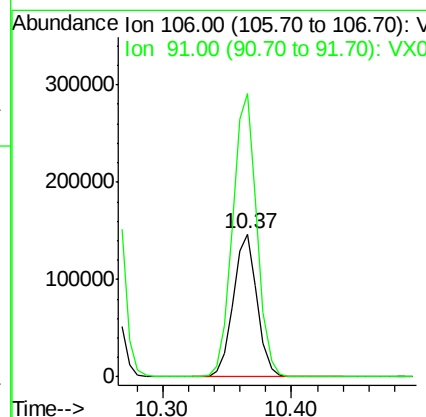
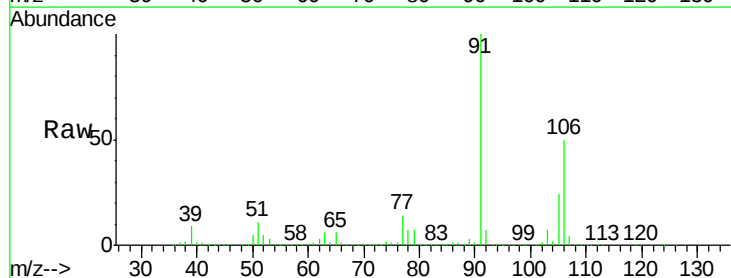
Instrument :
MSVOA_X
ClientSampleId :

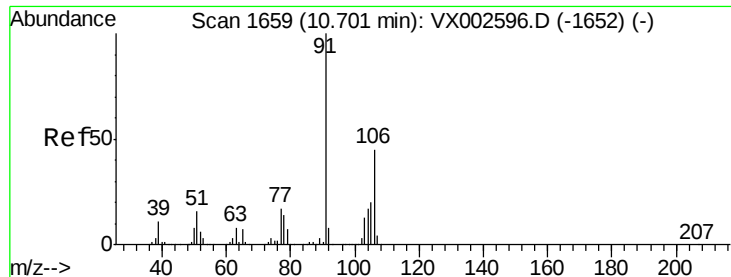
Tot Ion: 91 Resp: 653825
Ion Ratio Lower Upper
91 100
106 31.6 25.5 38.3



#68
m/p-Xylenes
Concen: 39.92 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX002634.D
Acq: 16 Jun 2018 08:58

Tgt Ion: 106 Resp: 189325
Ion Ratio Lower Upper
106 100
91 201.6 163.4 245.2

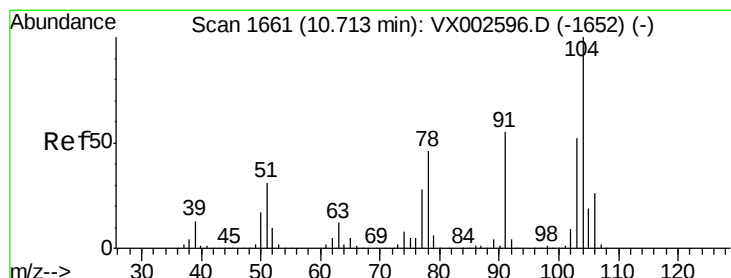
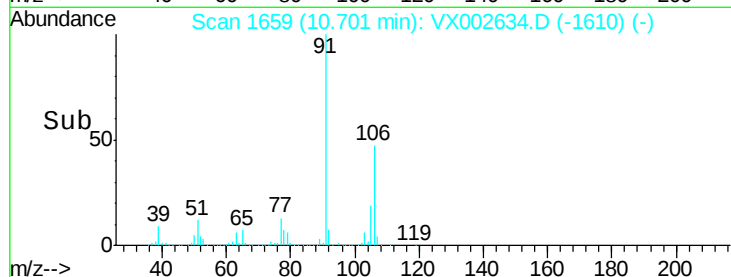
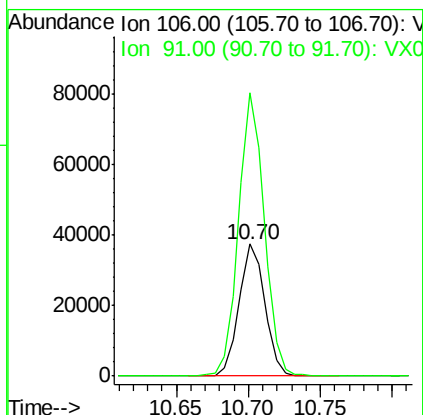
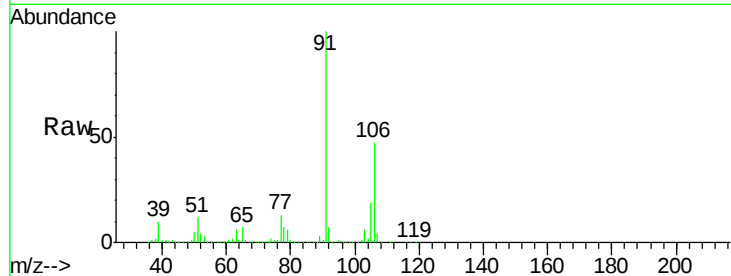




#69
o-Xylene
Concen: 10.02 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002634.D
Acq: 16 Jun 2018 08:58

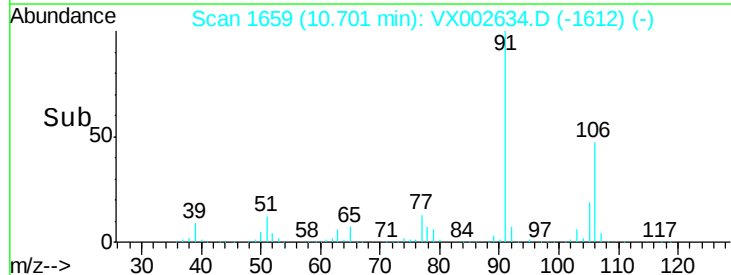
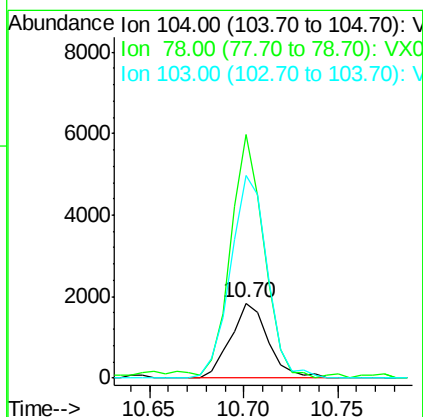
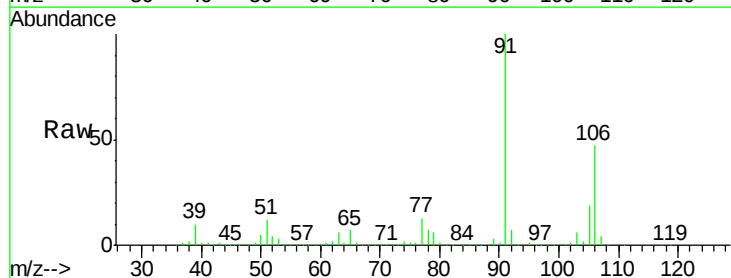
Instrument :
MSVOA_X
ClientSampled :

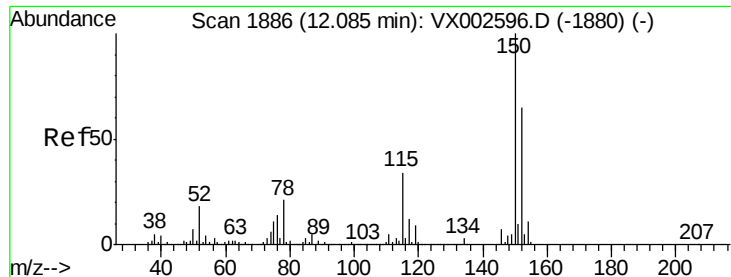
Tot Ion:106 Resp: 46670
Ion Ratio Lower Upper
106 100
91 212.8 108.2 324.6



#70
Styrene
Concen: 0.33 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX002634.D
Acq: 16 Jun 2018 08:58

Tgt Ion:104 Resp: 2534
Ion Ratio Lower Upper
104 100
78 289.6 41.0 61.6#
103 265.3 44.2 66.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002634.D

Acq: 16 Jun 2018 08:58

Instrument :

MSVOA_X

ClientSampleId :

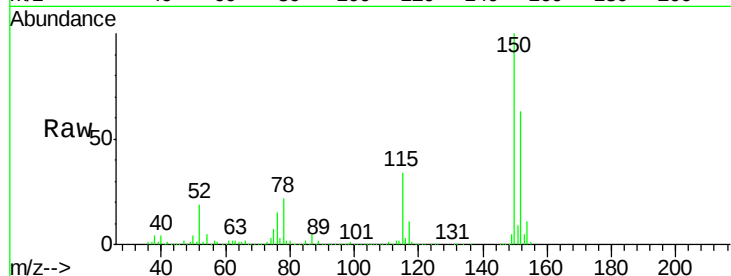
Tot Ion:152 Resp: 171055

Ion Ratio Lower Upper

152 100

115 56.2 40.1 120.2

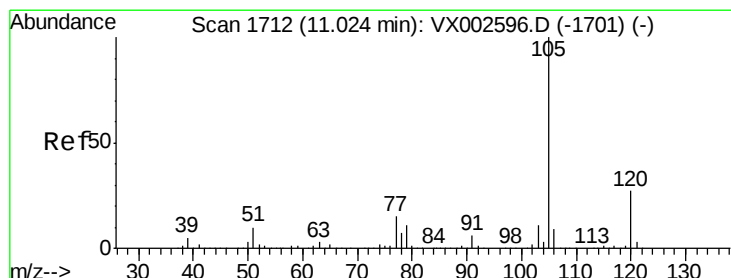
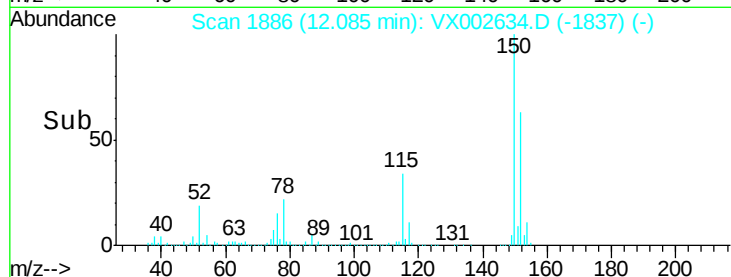
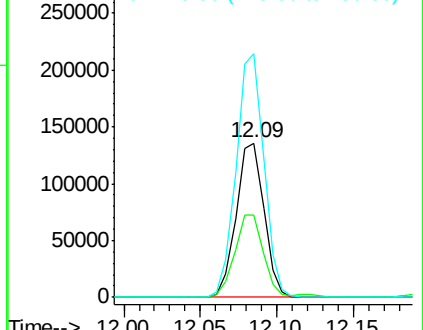
150 157.8 0.0 347.2



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



#73

Isopropylbenzene

Concen: 29.30 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002634.D

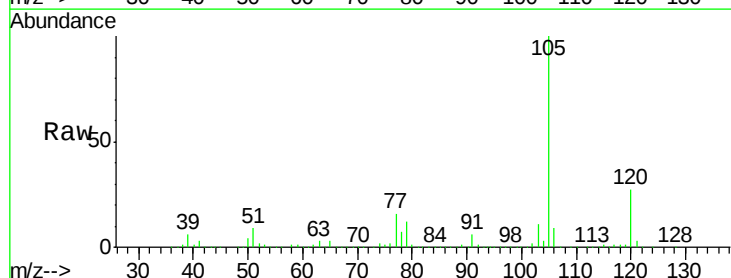
Acq: 16 Jun 2018 08:58

Tgt Ion:105 Resp: 335215

Ion Ratio Lower Upper

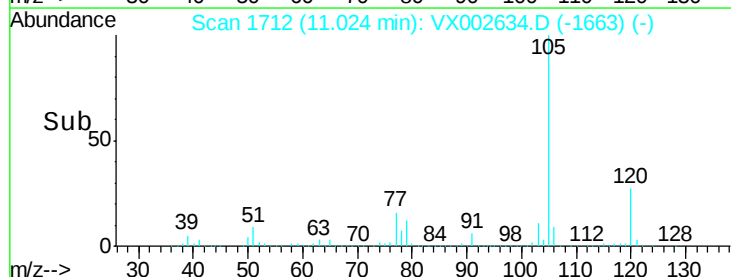
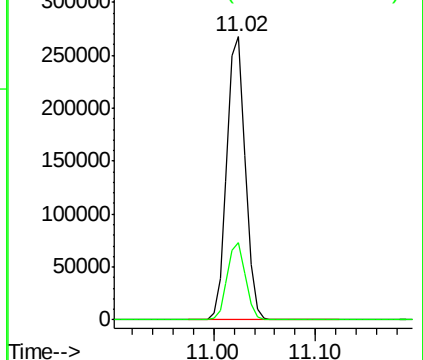
105 100

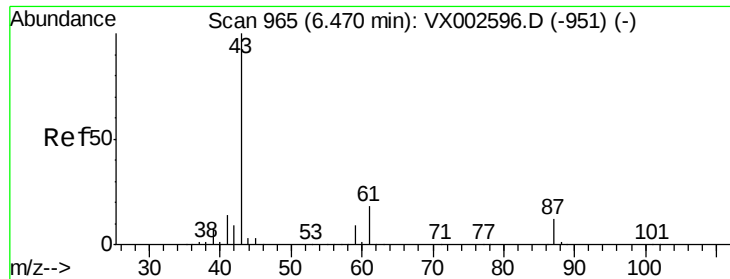
120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.58 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002634.D

Acq: 16 Jun 2018 08:58

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 3317

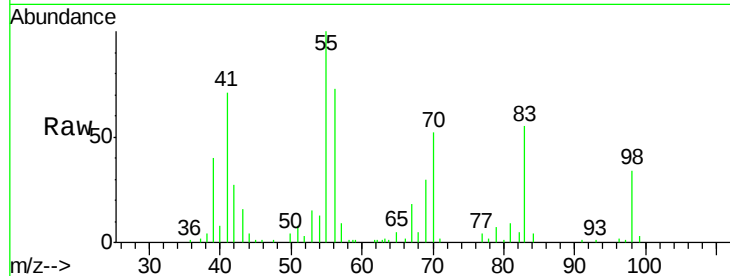
Ion Ratio Lower Upper

43 100

70 373.2 0.0 0.0#

55 672.4 0.0 0.0#

61 0.0 14.4 21.6#

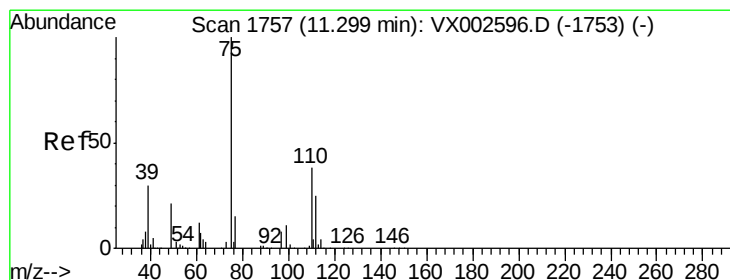
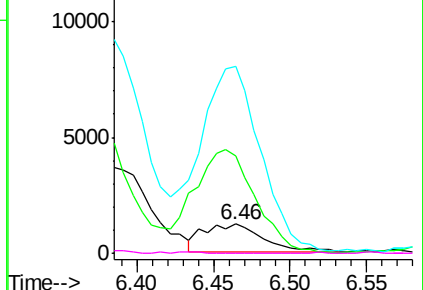
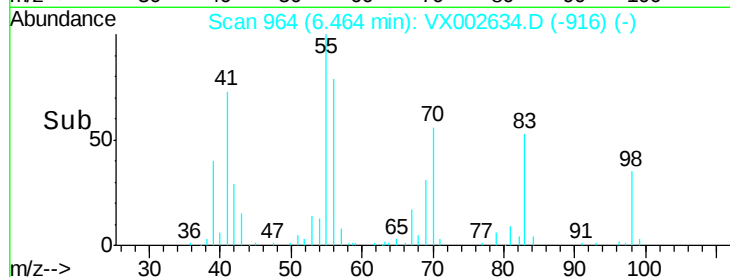


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 1.64 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.07 min

Lab File: VX002634.D

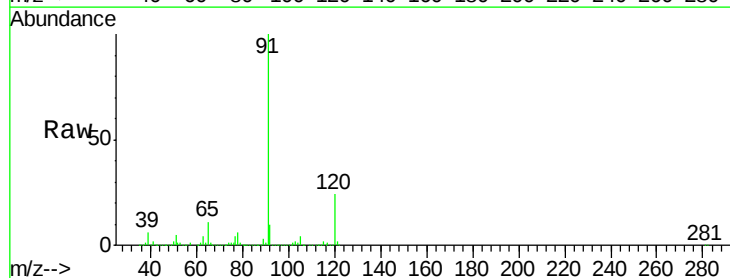
Acq: 16 Jun 2018 08:58

Tgt Ion: 75 Resp: 5285

Ion Ratio Lower Upper

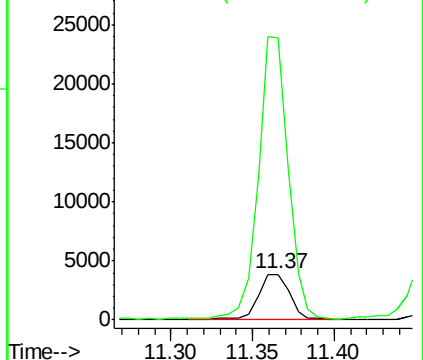
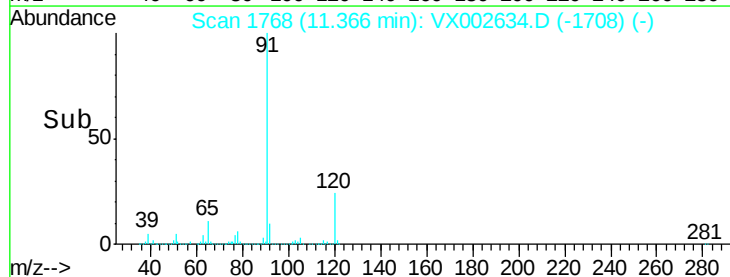
75 100

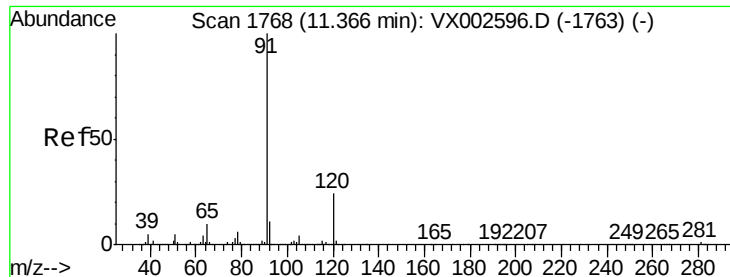
77 572.7 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 56.64 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002634.D

Acq: 16 Jun 2018 08:58

Instrument :

MSVOA_X

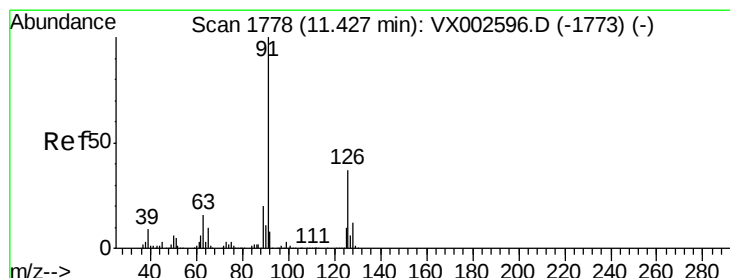
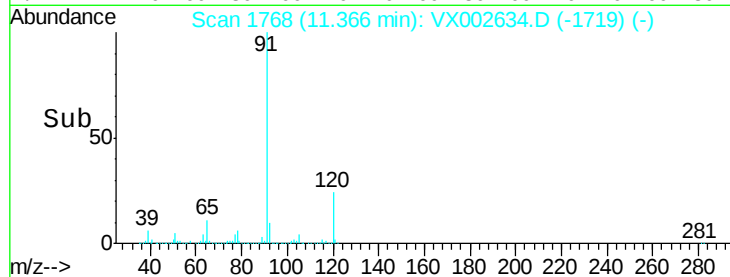
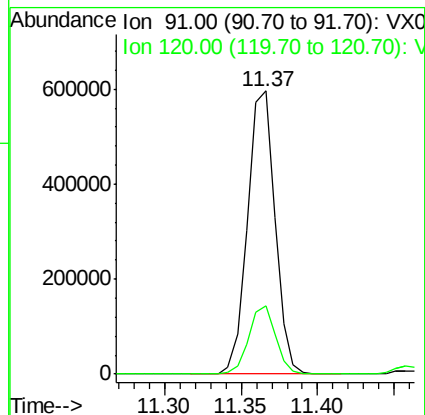
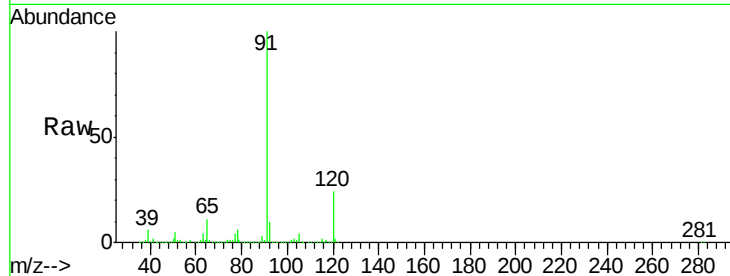
ClientSampleId :

Tot Ion: 91 Resp: 743135

Ion Ratio Lower Upper

91 100

120 23.6 11.8 35.4



#79

2-Chlorotoluene

Concen: 94.87 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.06 min

Lab File: VX002634.D

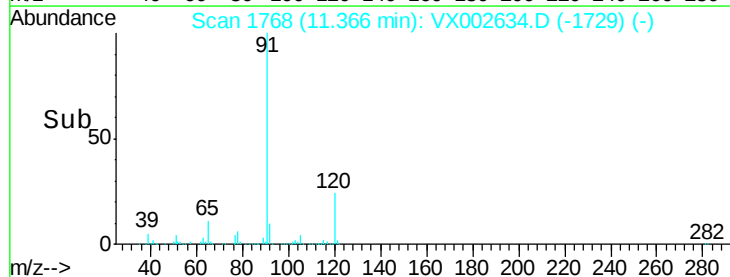
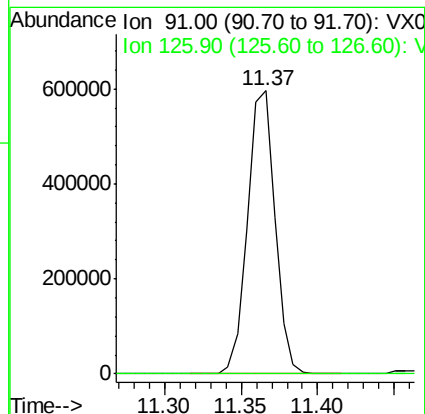
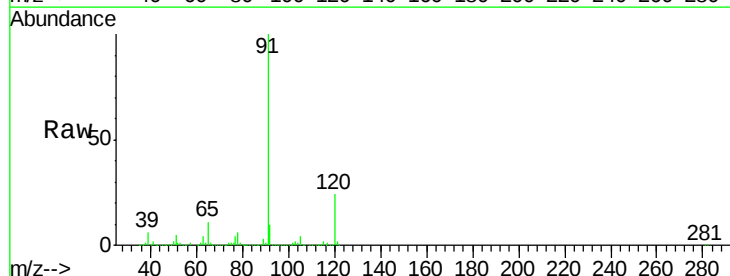
Acq: 16 Jun 2018 08:58

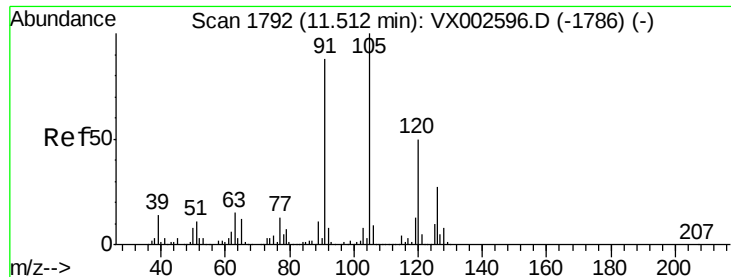
Tgt Ion: 91 Resp: 743135

Ion Ratio Lower Upper

91 100

126 0.0 17.7 53.1#



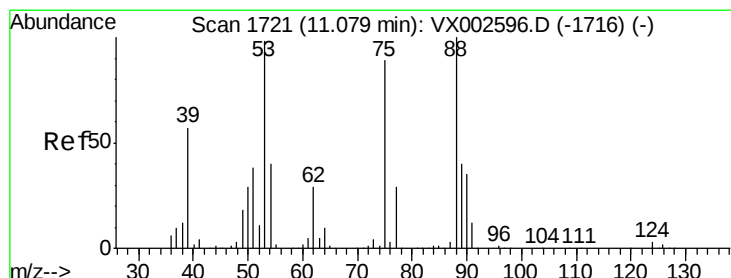
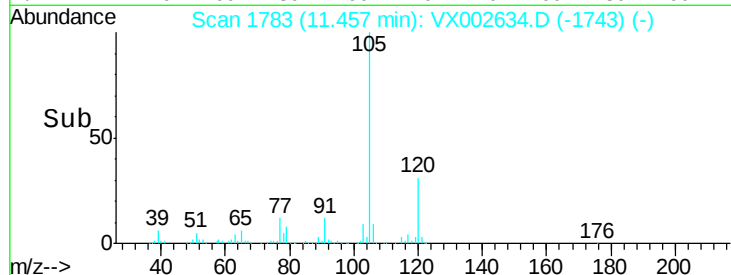
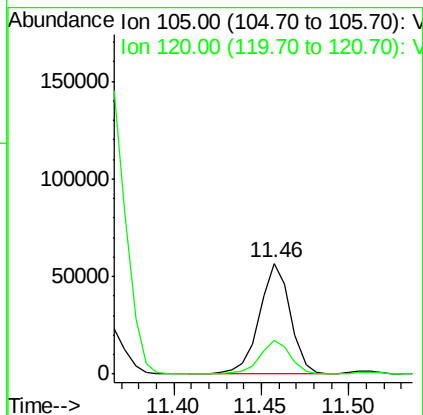
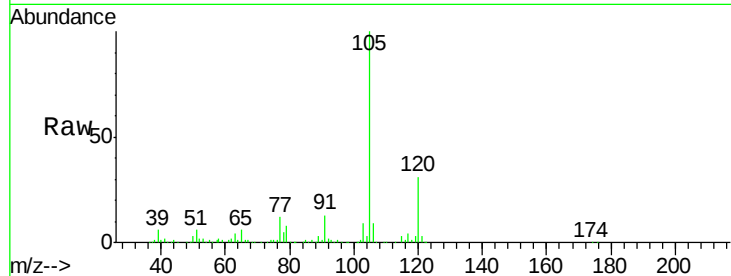


#80

1,3,5-Trimethylbenzene
Concen: 7.33 ug/l
RT: 11.46 min Scan# 1783
Delta R.T. -0.05 min
Lab File: VX002634.D
Acq: 16 Jun 2018 08:58

Instrument :
MSVOA_X
ClientSampleId :

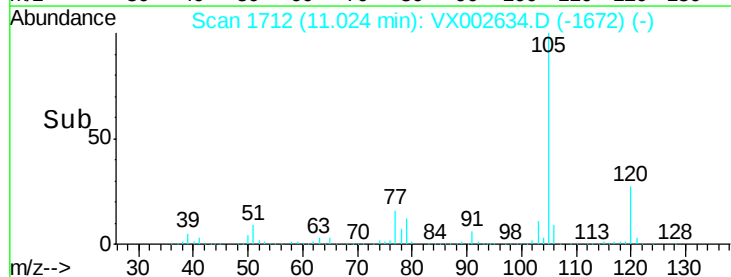
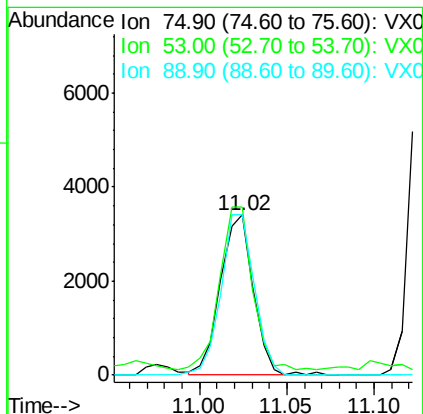
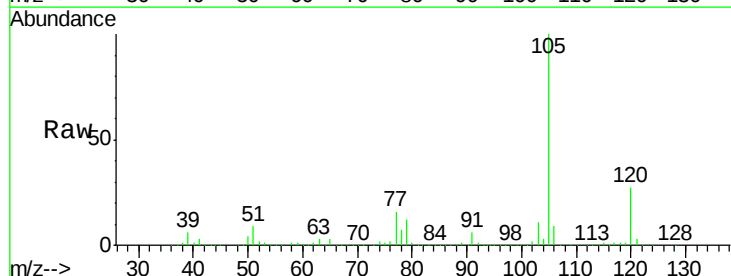
Tot Ion:105 Resp: 70857
Ion Ratio Lower Upper
105 100
120 29.8 24.4 73.4

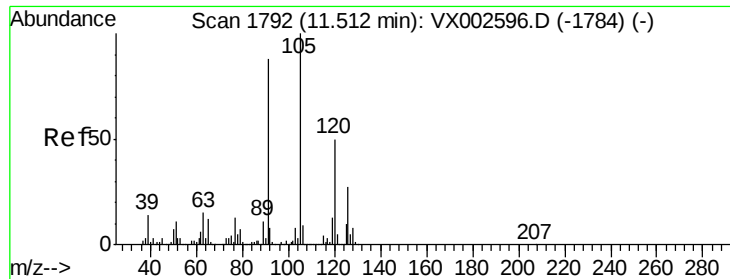


#81

trans-1,4-Dichloro-2-butene
Concen: 8.25 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.05 min
Lab File: VX002634.D
Acq: 16 Jun 2018 08:58

Tgt Ion: 75 Resp: 4474
Ion Ratio Lower Upper
75 100
53 103.1 86.8 130.2
89 101.5 38.2 57.2#

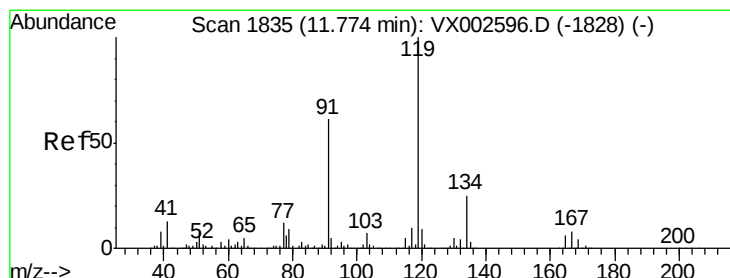
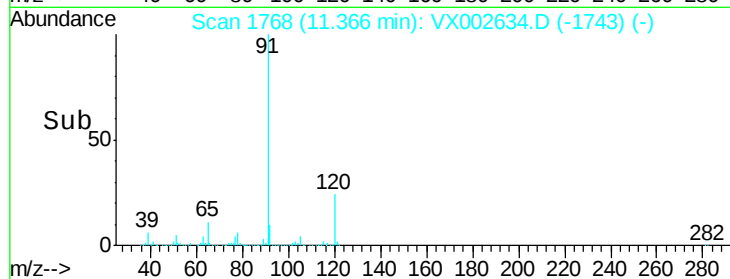
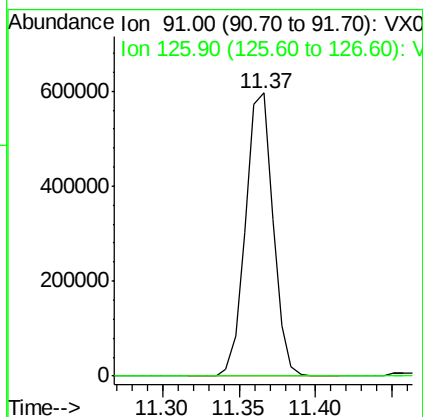
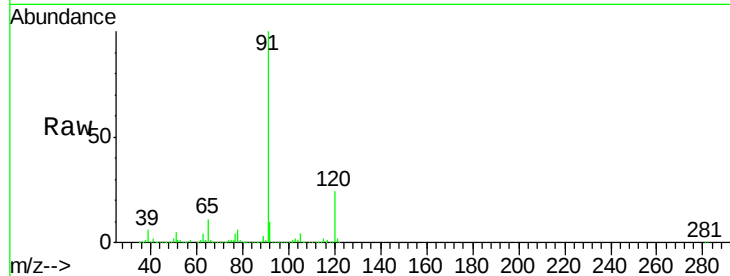




#82
4-Chlorotoluene
Concen: 80.40 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.15 min
Lab File: VX002634.D
Acq: 16 Jun 2018 08:58

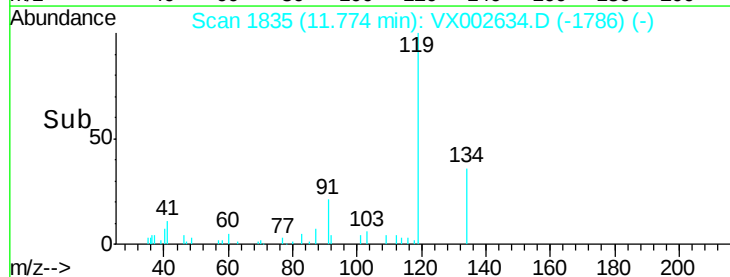
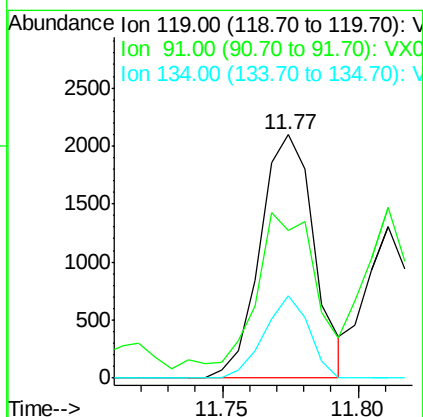
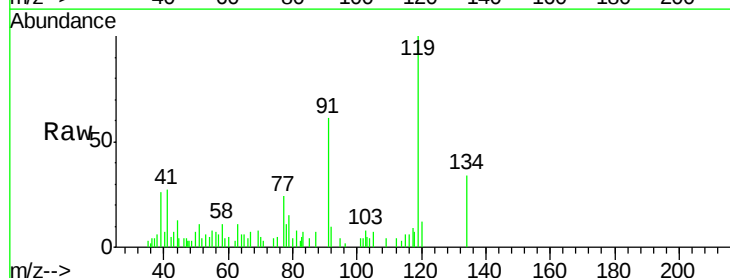
Instrument :
MSVOA_X
ClientSampleId :

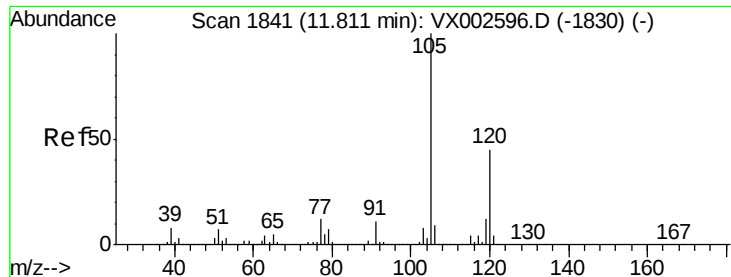
Tot Ion: 91 Resp: 743135
Ion Ratio Lower Upper
91 100
126 0.0 15.4 46.4#



#83
tert-Butylbenzene
Concen: 0.31 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002634.D
Acq: 16 Jun 2018 08:58

Tgt Ion: 119 Resp: 2889
Ion Ratio Lower Upper
119 100
91 65.1 30.3 90.9
134 27.6 11.7 35.1

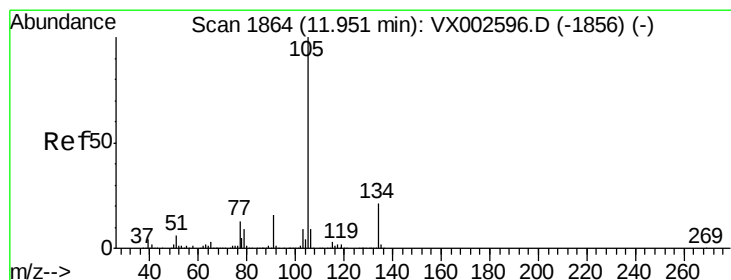
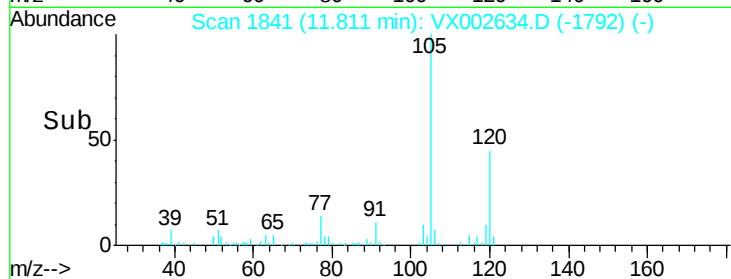
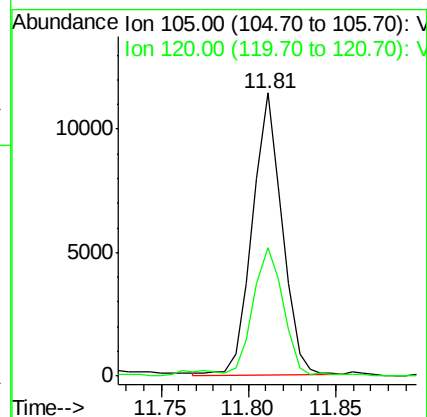
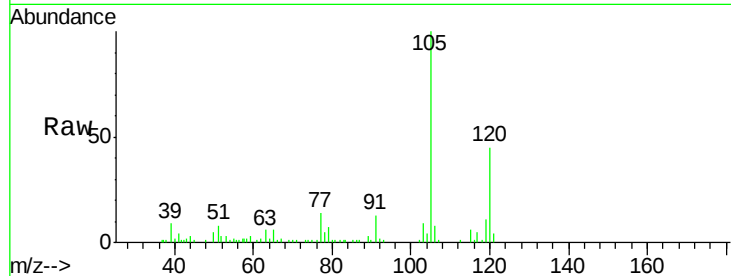




#84
 1,2,4-Trimethylbenzene
 Concen: 1.37 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002634.D
 Acq: 16 Jun 2018 08:58

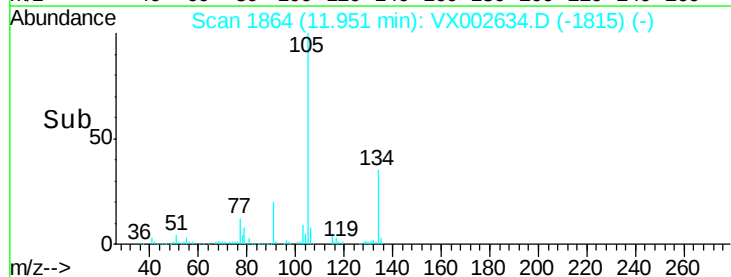
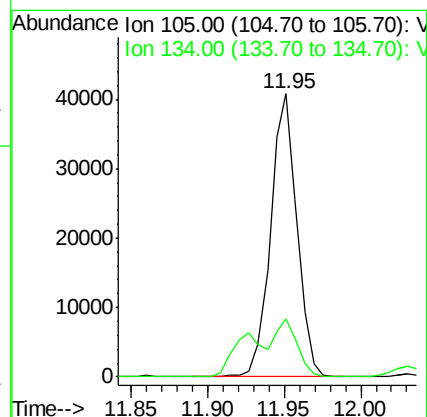
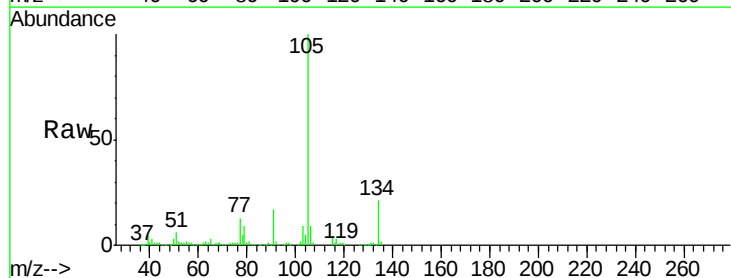
Instrument :
 MSVOA_X
 ClientSampleId :

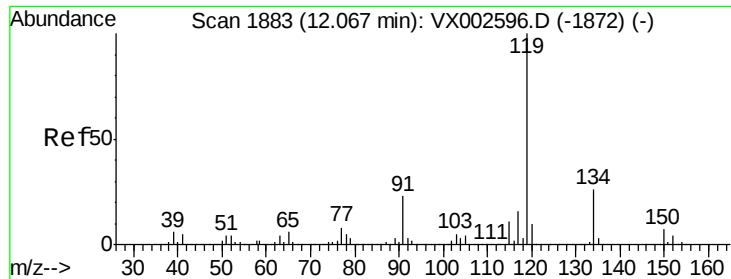
Tot Ion:105 Resp: 13494
 Ion Ratio Lower Upper
 105 100
 120 47.0 22.3 66.8



#85
 sec-Butylbenzene
 Concen: 4.23 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX002634.D
 Acq: 16 Jun 2018 08:58

Tgt Ion:105 Resp: 49039
 Ion Ratio Lower Upper
 105 100
 134 17.3 10.4 31.1

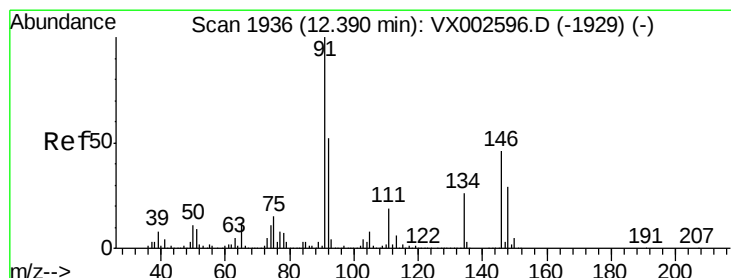
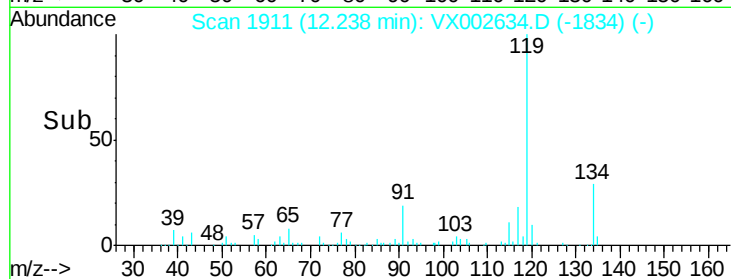
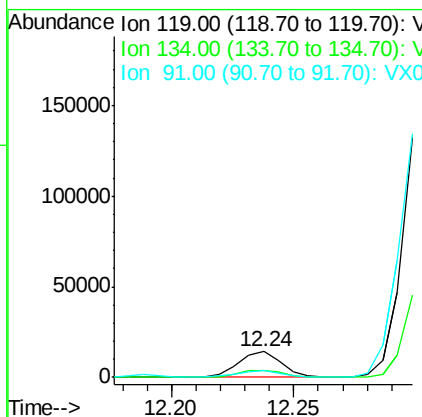
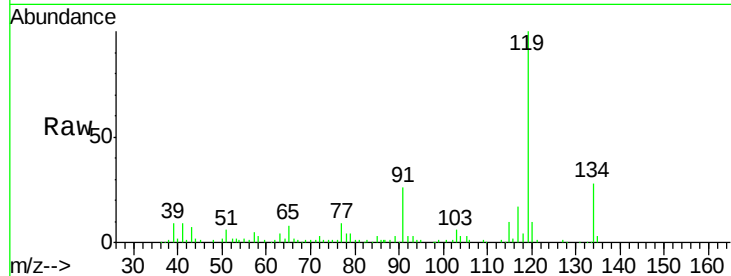




#86
 p-Isopropyltoluene
 Concen: 1.62 ug/l
 RT: 12.24 min Scan# 1911
 Delta R.T. 0.17 min
 Lab File: VX002634.D
 Acq: 16 Jun 2018 08:58

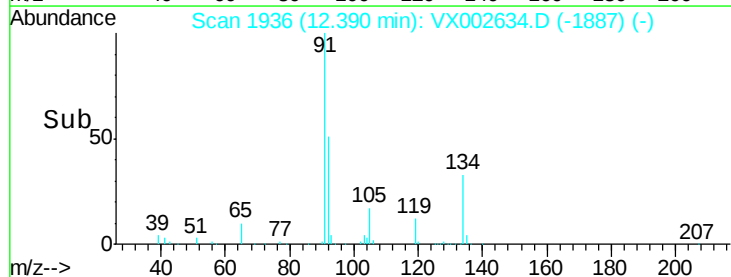
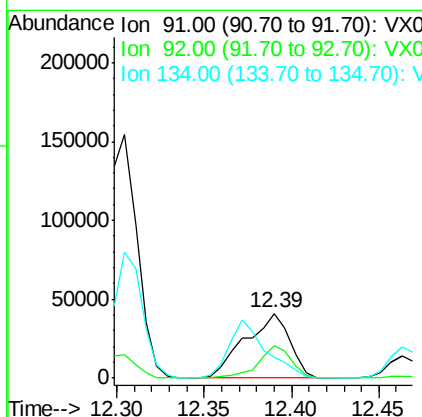
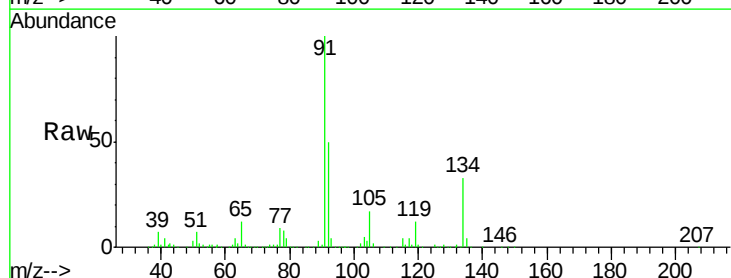
Instrument :
 MSVOA_X
 ClientSampleId :

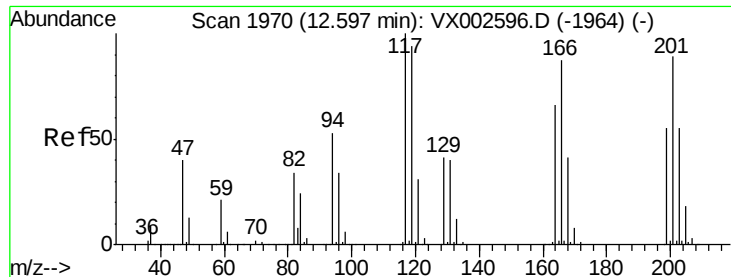
Tot Ion:119 Resp: 17026
 Ion Ratio Lower Upper
 119 100
 134 29.6 13.4 40.1
 91 0.0 11.9 35.7#



#89
 n-Butylbenzene
 Concen: 7.93 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX002634.D
 Acq: 16 Jun 2018 08:58

Tgt Ion: 91 Resp: 73335
 Ion Ratio Lower Upper
 91 100
 92 37.1 26.0 78.0
 134 74.4 13.5 40.5#





#90

Hexachloroethane

Concen: 53.64 ug/l

RT: 12.71 min Scan# 1988

Delta R.T. 0.11 min

Lab File: VX002634.D

Acq: 16 Jun 2018 08:58

Instrument :

MSVOA_X

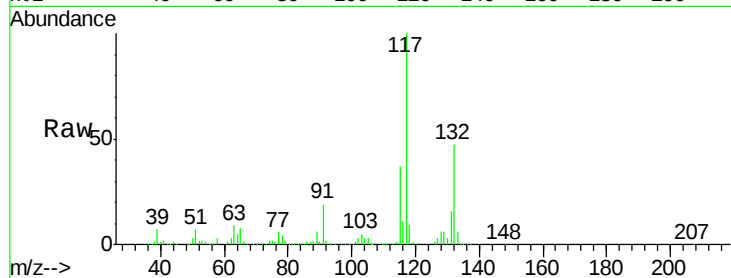
ClientSampled :

Tot Ion:117 Resp: 87951

Ion Ratio Lower Upper

117 100

201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

600000

500000

400000

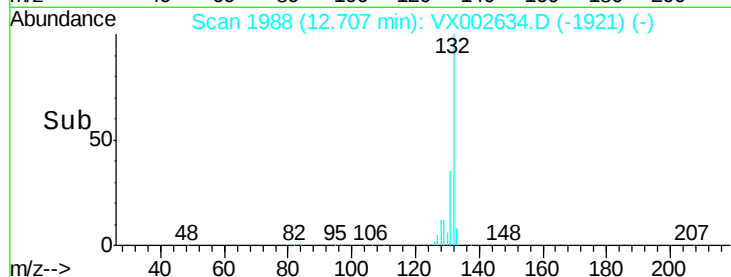
300000

200000

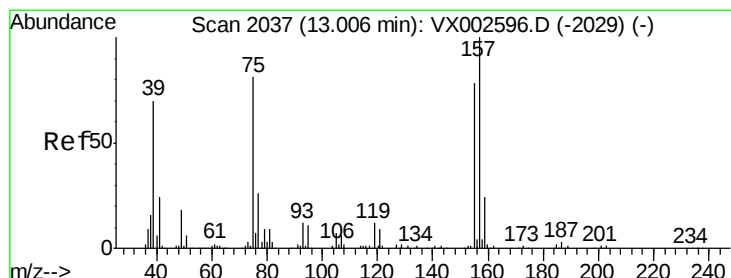
100000

0

12.60 12.65 12.70 12.75



Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.54 ug/l

RT: 13.02 min Scan# 2040

Delta R.T. 0.02 min

Lab File: VX002634.D

Acq: 16 Jun 2018 08:58

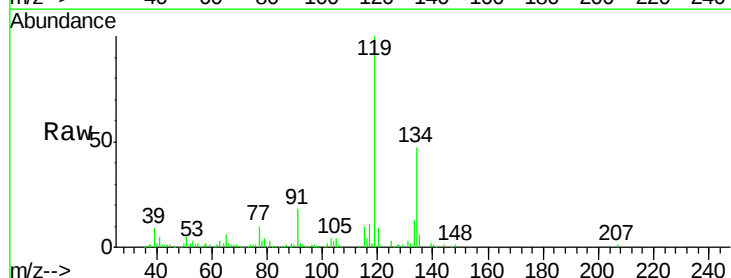
Tgt Ion: 75 Resp: 384

Ion Ratio Lower Upper

75 100

155 0.0 45.8 137.4#

157 0.0 60.1 180.3#



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

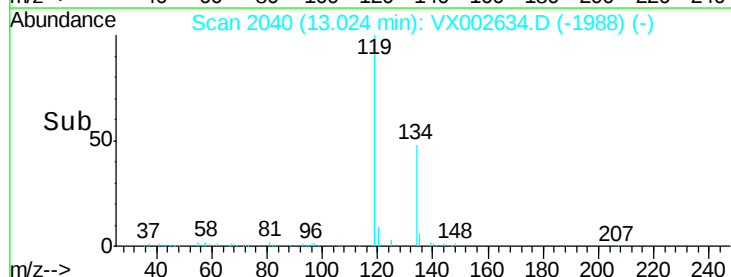
600

400

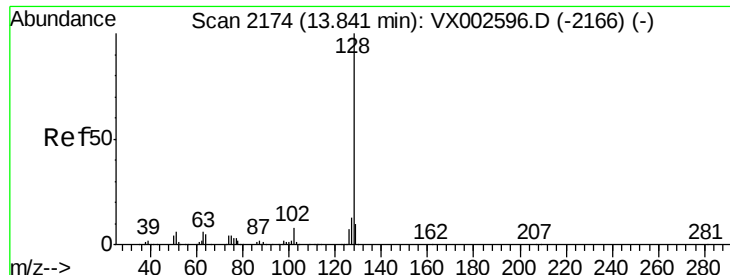
200

0

13.00 13.02 13.04 13.06



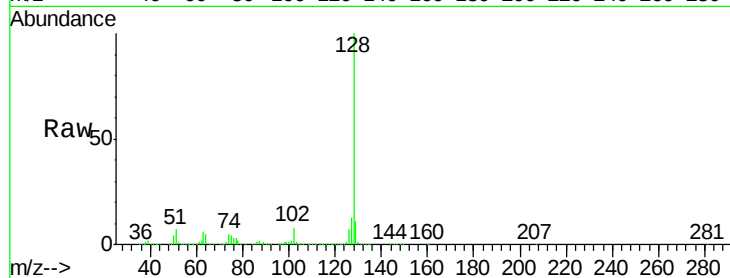
Time-->



#95
Naphthalene
Concen: 76.10 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002634.D
Acq: 16 Jun 2018 08:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.2	8.6	13.0



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

