

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002620.D
 Acq On : 16 Jun 2018 01:55
 Operator : JC/MD
 Sample : J3467-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 16 03:51:47 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	213157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	308116	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186525	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	146544	45.24	ug/l	0.00
Spiked Amount			Recovery	=	90.48%	
35) Dibromofluoromethane	5.51	113	113052	45.97	ug/l	0.00
Spiked Amount			Recovery	=	91.94%	
50) Toluene-d8	8.72	98	447573	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	
62) 4-Bromofluorobenzene	11.14	95	167411	47.32	ug/l	0.00
Spiked Amount			Recovery	=	94.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	16370	6.08	ug/l #	48
5) Bromomethane	1.66	94	960	0.57	ug/l #	79
10) Methyl Iodide	2.53	142	1139	5.48	ug/l #	96
11) Tert butyl alcohol	3.04	59	147	0.22	ug/l #	73
13) Acrolein	2.27	56	1405	11.22	ug/l #	1
14) Allyl chloride	2.78	41	3274	0.69	ug/l #	78
15) Acrylonitrile	3.18	53	1649	1.13	ug/l #	46
16) Acetone	2.45	43	36545	25.57	ug/l	96
17) Carbon Disulfide	2.57	76	4858	0.86	ug/l #	91
18) Methyl Acetate	2.77	43	2071	0.54	ug/l #	72
20) Methylene Chloride	2.87	84	1247	0.43	ug/l #	63
25) 2-Butanone	4.71	43	6386	3.40	ug/l	96
30) Chloroform	5.27	83	1349	0.30	ug/l #	19
31) Cyclohexane	5.58	56	15658	4.10	ug/l	97
36) 1,1-Dichloropropene	5.67	75	15642	4.78	ug/l #	52
38) Carbon Tetrachloride	5.67	117	20066	6.16	ug/l #	16
39) Methylcyclohexane	7.46	83	25097	6.56	ug/l	98
40) Benzene	6.15	78	5097	0.52	ug/l	93
48) Methyl methacrylate	7.73	41	3030	0.97	ug/l #	40
51) 4-Methyl-2-Pentanone	8.66	43	4164	1.06	ug/l	90
52) Toluene	8.79	92	232770	37.19	ug/l	100
53) t-1,3-Dichloropropene	8.58	75	25	2.40	ug/l #	1
54) cis-1,3-Dichloropropene	8.79	75	3411	4.04	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	4792	1.89	ug/l #	17
56) Ethyl methacrylate	9.16	69	1010	0.26	ug/l #	1
59) 2-Hexanone	9.63	43	1127	0.38	ug/l	97
67) Ethyl Benzene	10.26	91	2470371	207.07	ug/l	100
68) m/p-Xylenes	10.37	106	2137826	464.56	ug/l	97
69) o-Xylene	10.71	106	938366	207.54	ug/l	98
70) Styrene	10.71	104	49925	6.71	ug/l #	1
73) Isopropylbenzene	11.02	105	302000	24.21	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.28	83	2164	0.59	ug/l #	38
76) 1,2,3-Trichloropropane	11.36	75	2779	0.79	ug/l #	1
78) n-propylbenzene	11.37	91	412078	28.80	ug/l	100

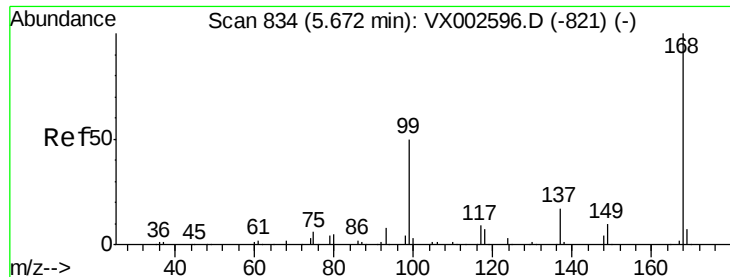
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002620.D
 Acq On : 16 Jun 2018 01:55
 Operator : JC/MD
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 ClientSampleId :

Quant Time: Jun 16 03:51:47 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)
79) 2-Chlorotoluene	11.46	91	211049	24.71	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	1731933	164.28	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.02	75	3794	7.34	ug/l #	72
82) 4-Chlorotoluene	11.51	91	191748	19.02	ug/l #	44
83) tert-Butylbenzene	11.81	119	543140	53.48	ug/l #	60
84) 1,2,4-Trimethylbenzene	11.81	105	4319485	401.52	ug/l	97
85) sec-Butylbenzene	11.81	105	4319485	342.04	ug/l #	56
86) p-Isopropyltoluene	12.07	119	60958	5.33	ug/l	98
89) n-Butylbenzene	12.38	91	196393	19.48	ug/l #	1
90) Hexachloroethane	12.59	117	39951	23.88	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	12.98	75	4785	6.20	ug/l #	5
95) Naphthalene	13.84	128	1742613	139.10	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002620.D

Acq: 16 Jun 2018 01:55

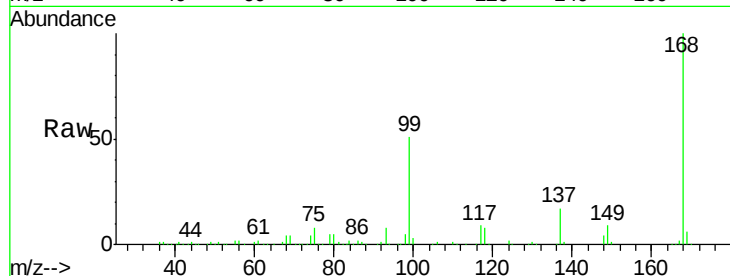
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 213157

Ion Ratio Lower Upper

168 100

99 50.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

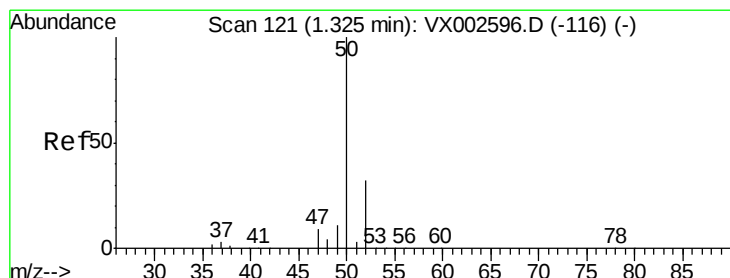
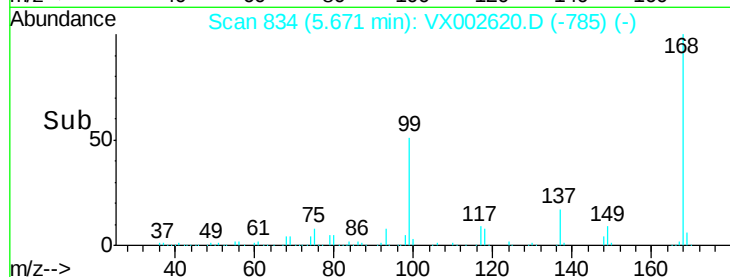
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 6.08 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002620.D

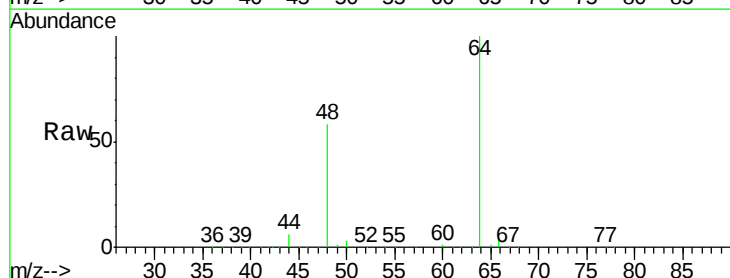
Acq: 16 Jun 2018 01:55

Tgt Ion: 50 Resp: 16370

Ion Ratio Lower Upper

50 100

52 3.2 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

5000

4000

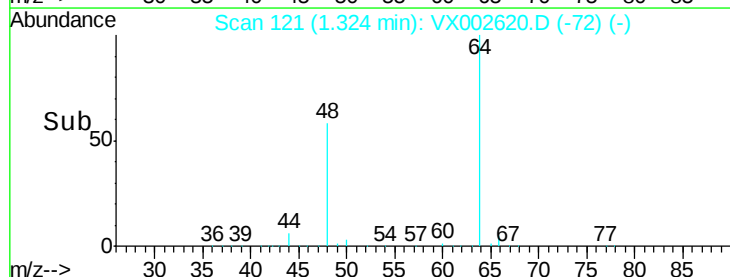
3000

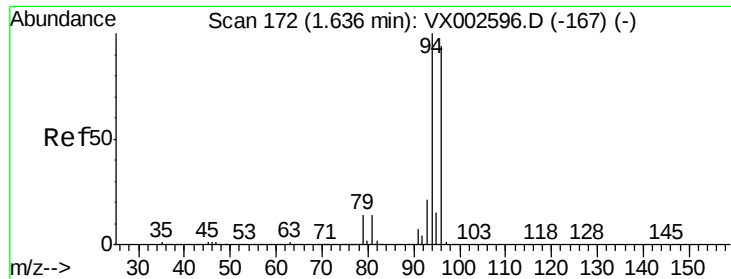
2000

1000

0

Time--> 1.25 1.30 1.35 1.40 1.45





#5

Bromomethane

Concen: 0.57 ug/l

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX002620.D

Acq: 16 Jun 2018 01:55

Instrument :

MSVOA_X

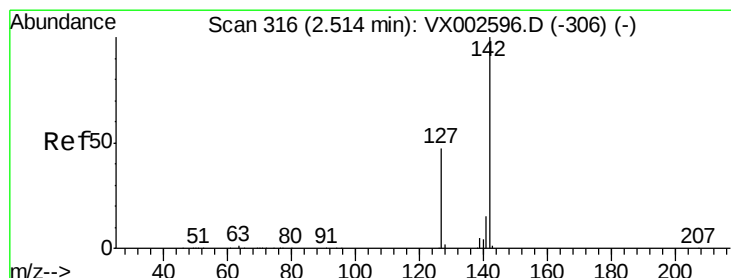
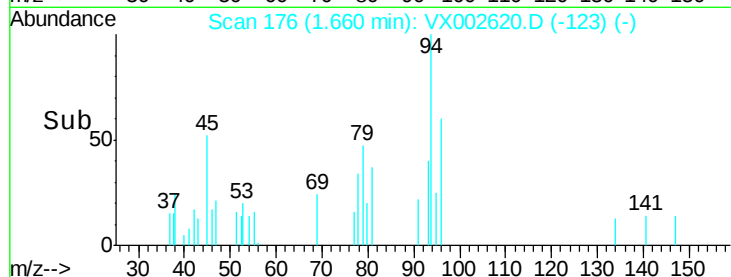
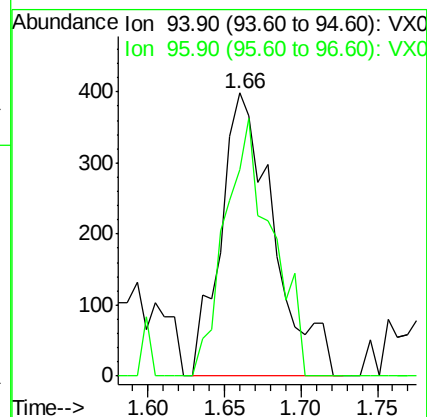
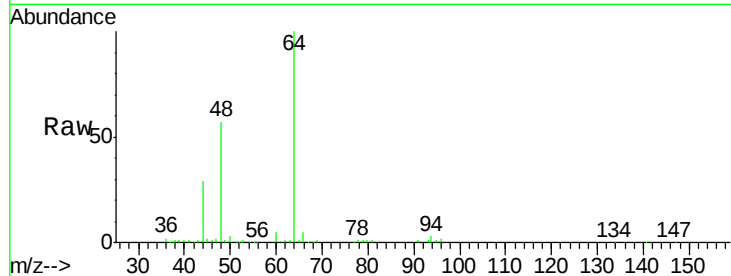
ClientSampled :

Tot Ion: 94 Resp: 960

Ion Ratio Lower Upper

94 100

96 73.1 74.9 112.3#



#10

Methyl Iodide

Concen: 5.48 ug/l

RT: 2.53 min Scan# 319

Delta R.T. 0.02 min

Lab File: VX002620.D

Acq: 16 Jun 2018 01:55

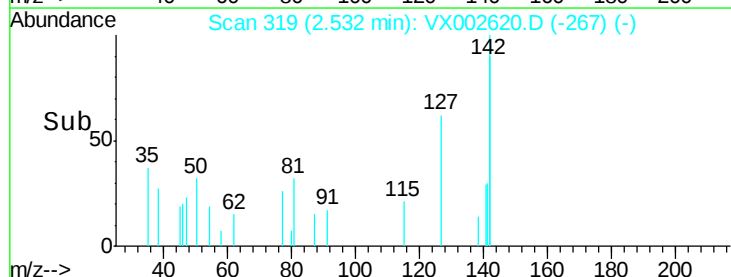
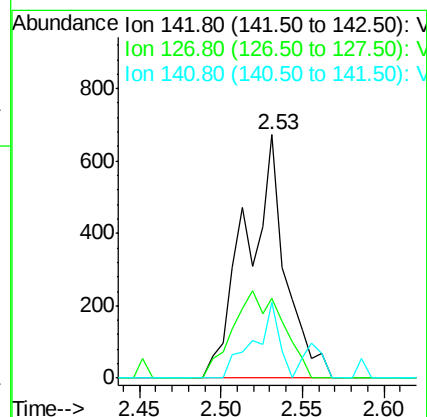
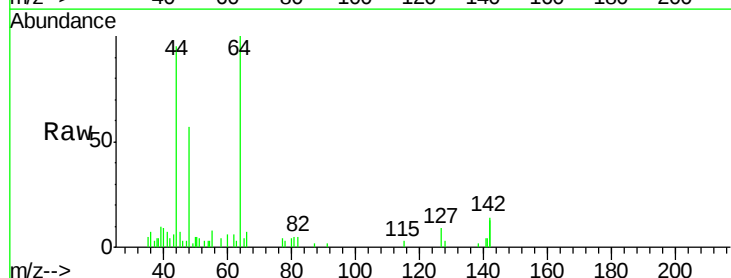
Tgt Ion:142 Resp: 1139

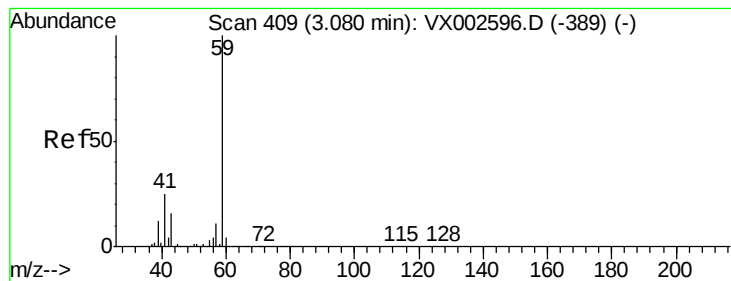
Ion Ratio Lower Upper

142 100

127 45.3 36.6 55.0

141 19.8 11.3 16.9#



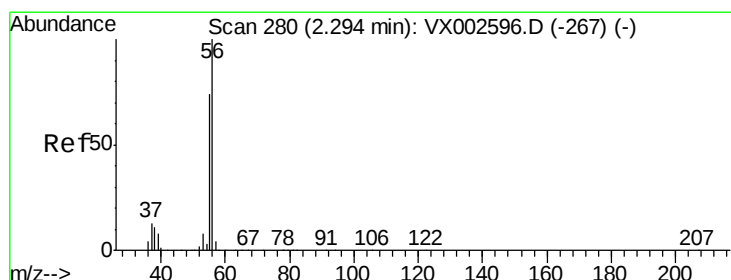
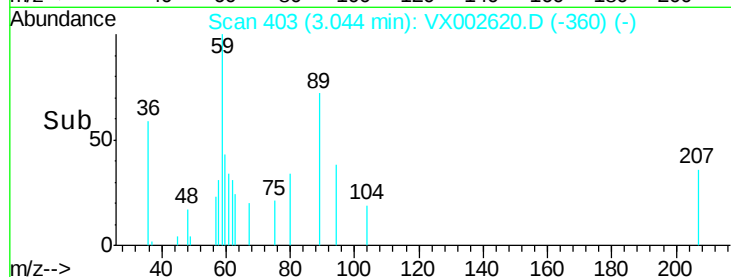
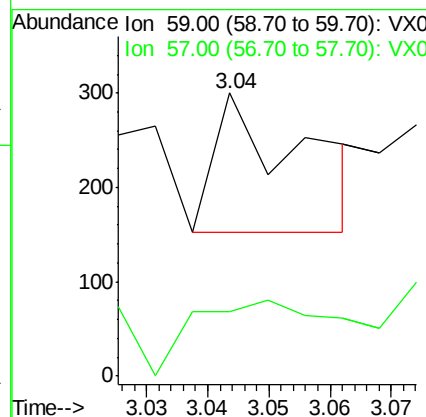
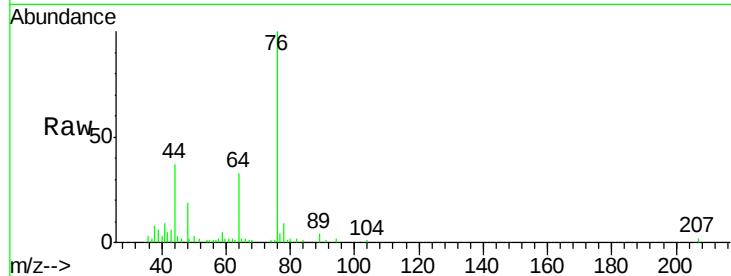


#11

Tert butyl alcohol
 Concen: 0.22 ug/l
 RT: 3.04 min Scan# 403
 Delta R.T. -0.04 min
 Lab File: VX002620.D
 Acq: 16 Jun 2018 01:55

Instrument :
 MSVOA_X
 ClientSampled :

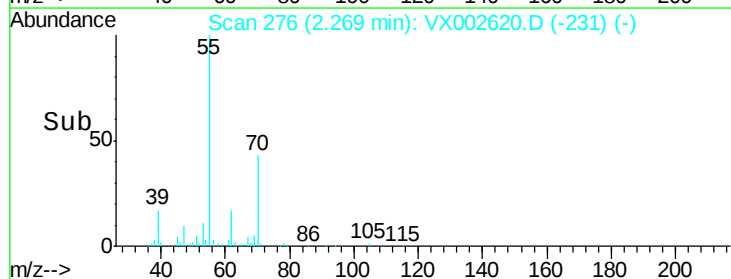
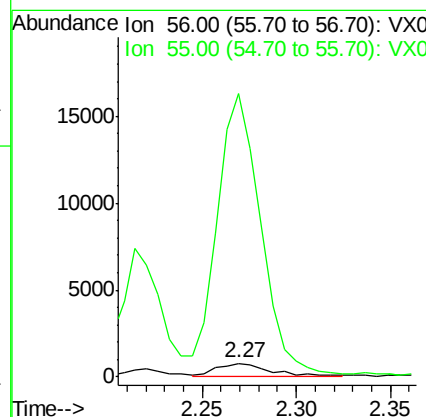
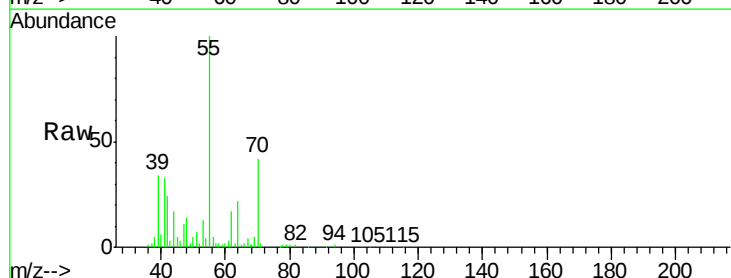
Tot Ion: 59 Resp: 147
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

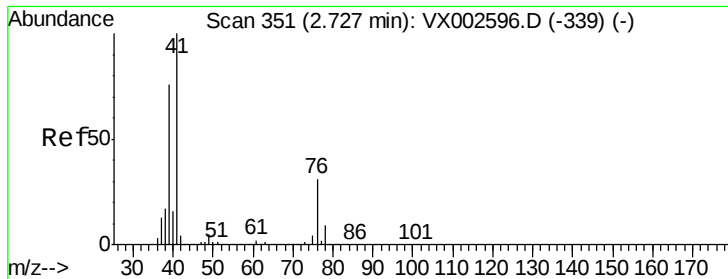


#13

Acrolein
 Concen: 11.22 ug/l
 RT: 2.27 min Scan# 276
 Delta R.T. -0.02 min
 Lab File: VX002620.D
 Acq: 16 Jun 2018 01:55

Tgt Ion: 56 Resp: 1405
 Ion Ratio Lower Upper
 56 100
 55 1834.9 57.0 85.4#





#14

Allvl chloride

Concen: 0.69 ug/l

RT: 2.78 min Scan# 359

Delta R.T. 0.05 min

Lab File: VX002620.D

Acq: 16 Jun 2018 01:55

Instrument :
MSVOA_X
ClientSampleId :

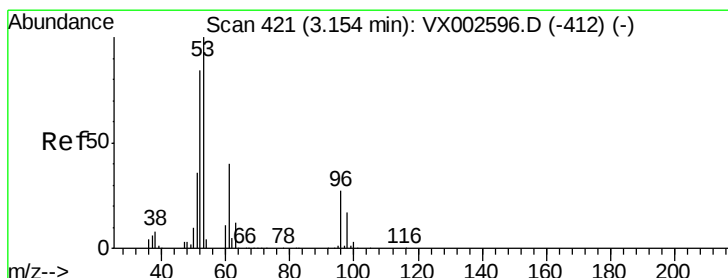
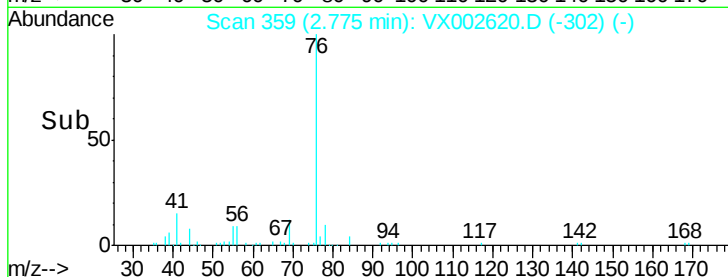
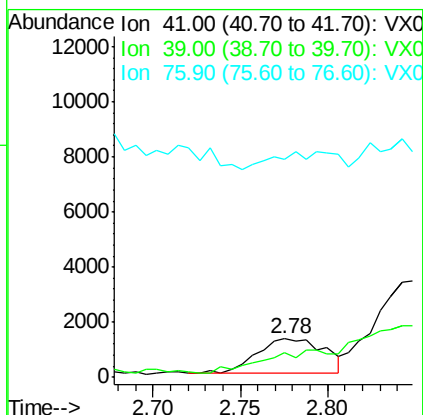
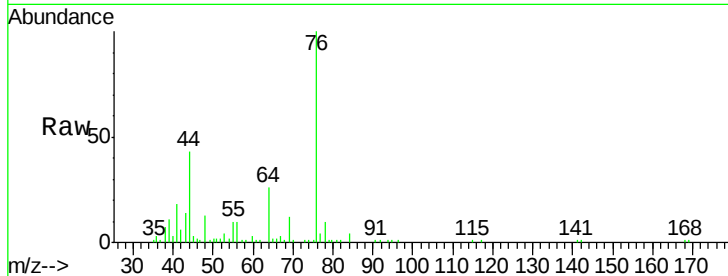
Tot Ion: 41 Resp: 3274

Ion Ratio Lower Upper

41 100

39 64.7 56.8 85.2

76 0.0 23.8 35.8#



#15

Acrylonitrile

Concen: 1.13 ug/l

RT: 3.18 min Scan# 425

Delta R.T. 0.02 min

Lab File: VX002620.D

Acq: 16 Jun 2018 01:55

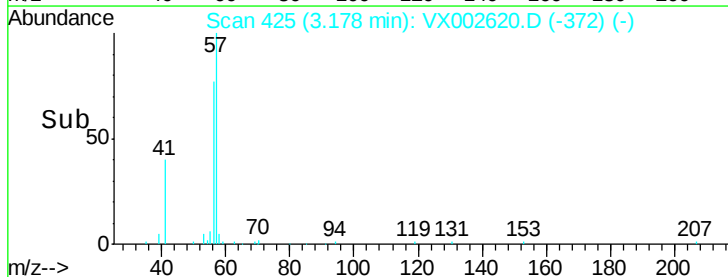
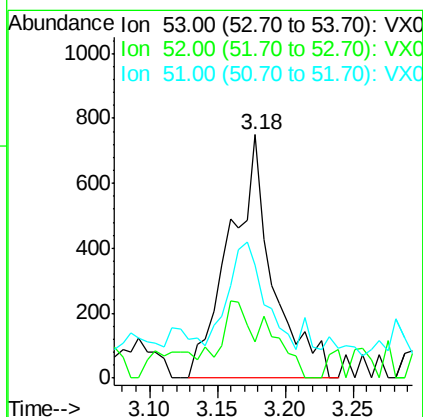
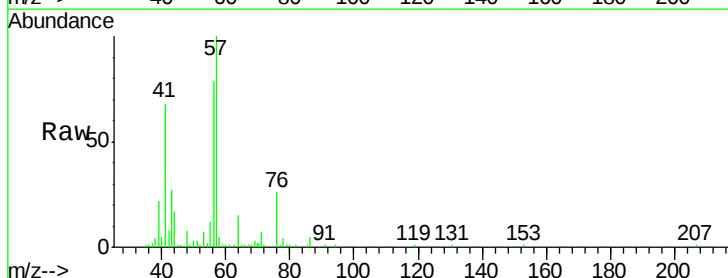
Tgt Ion: 53 Resp: 1649

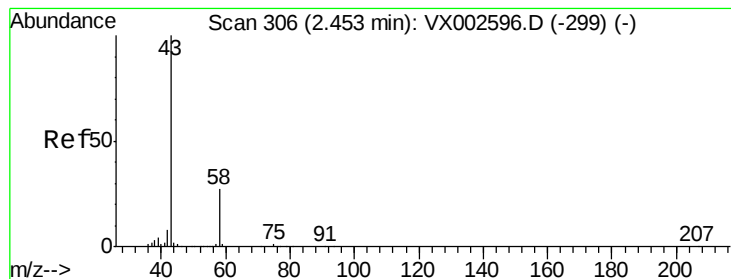
Ion Ratio Lower Upper

53 100

52 13.6 66.7 100.1#

51 36.4 29.9 44.9





#16

Acetone

Concen: 25.57 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002620.D

Acq: 16 Jun 2018 01:55

Instrument :

MSVOA_X

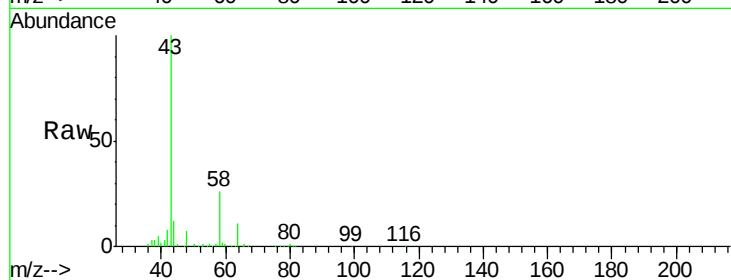
ClientSampleId :

Tot Ion: 43 Resp: 36545

Ion Ratio Lower Upper

43 100

58 25.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

25000

20000

15000

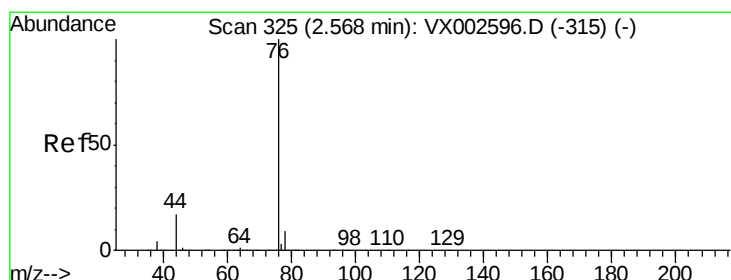
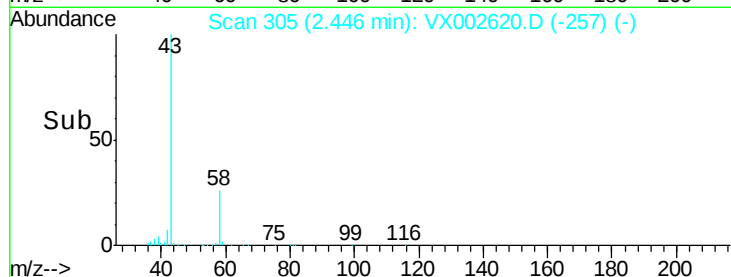
10000

5000

0

2.40 2.45 2.50 2.55

Time-->



#17

Carbon Disulfide

Concen: 0.86 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002620.D

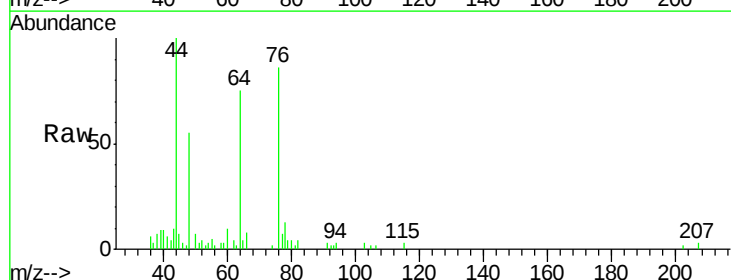
Acq: 16 Jun 2018 01:55

Tgt Ion: 76 Resp: 4858

Ion Ratio Lower Upper

76 100

78 12.0 6.9 10.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

5000

4000

3000

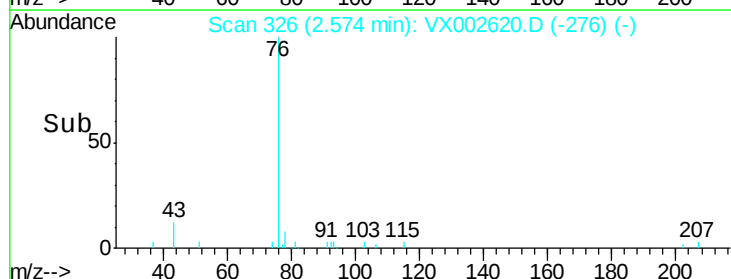
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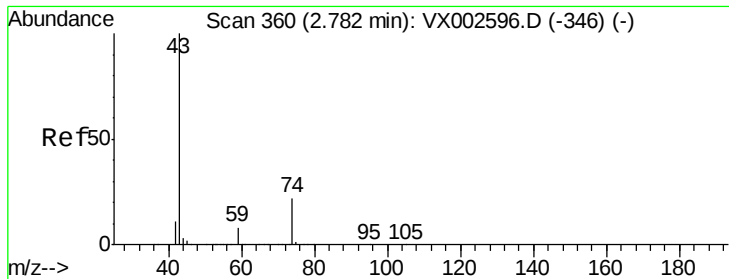
1000

0

2.50 2.55 2.60

Time-->





#18

Methyl Acetate

Concen: 0.54 ug/l

RT: 2.77 min Scan# 358

Delta R.T. -0.01 min

Lab File: VX002620.D

Acq: 16 Jun 2018 01:55

Instrument :

MSVOA_X

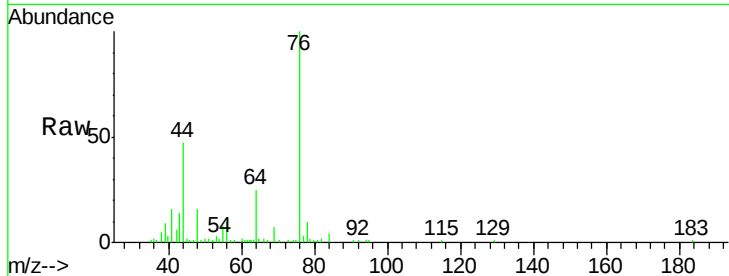
ClientSampleId :

Tot Ion: 43 Resp: 2071

Ion Ratio Lower Upper

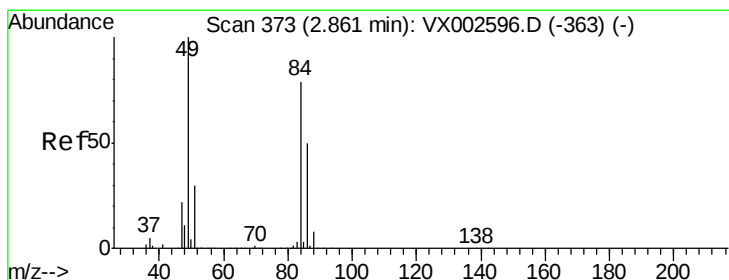
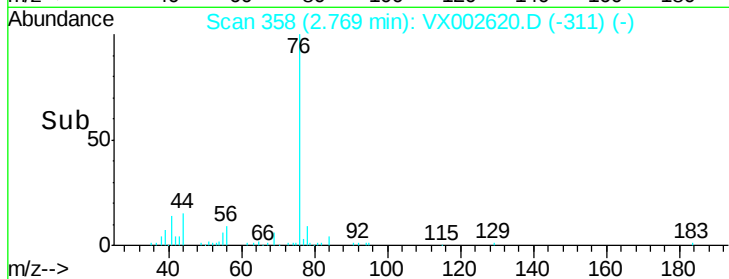
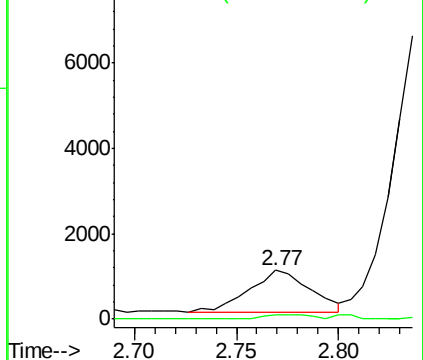
43 100

74 7.9 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: 0.43 ug/l

RT: 2.87 min Scan# 374

Delta R.T. 0.01 min

Lab File: VX002620.D

Acq: 16 Jun 2018 01:55

Tgt Ion: 84 Resp: 1247

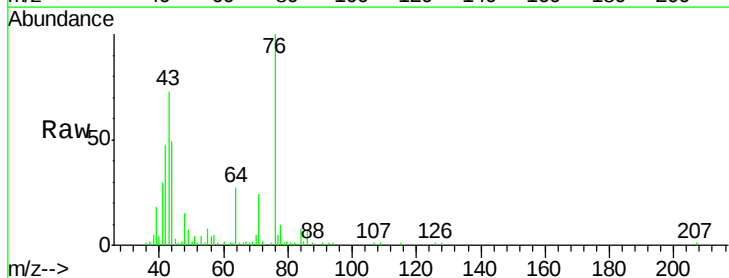
Ion Ratio Lower Upper

84 100

49 79.9 107.8 161.6#

51 6.8 32.8 49.2#

86 72.0 52.5 78.7

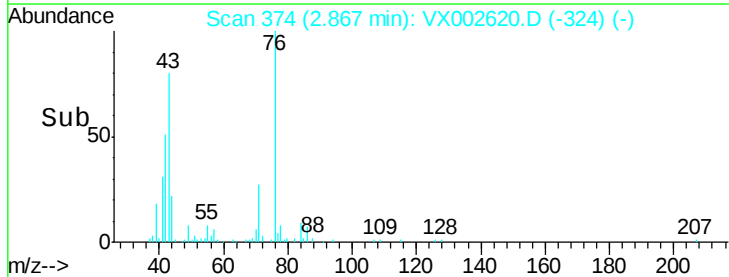
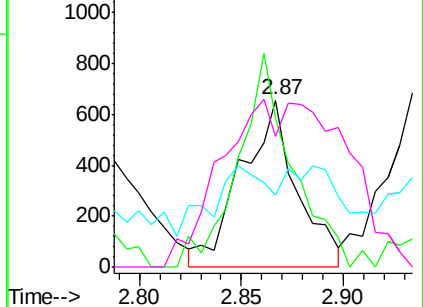


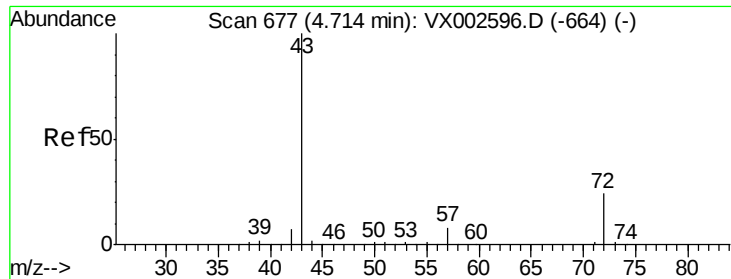
Abundance Ion 83.90 (83.60 to 84.60): VX0

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

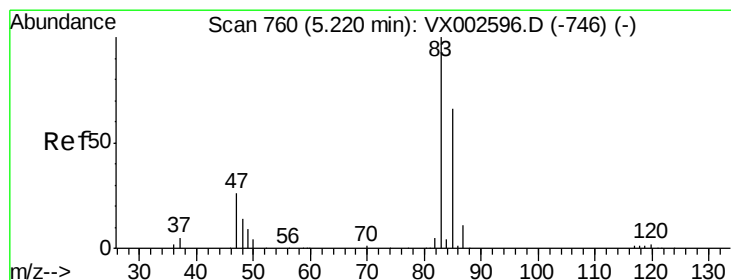
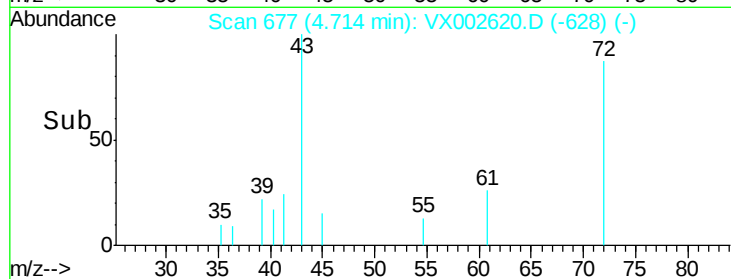
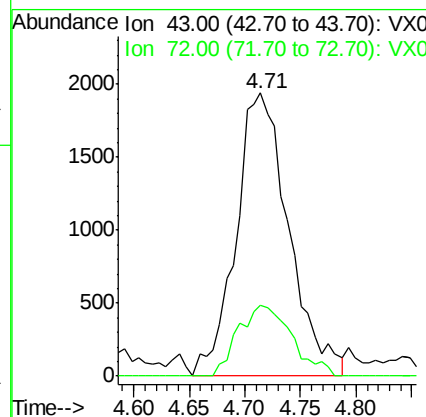
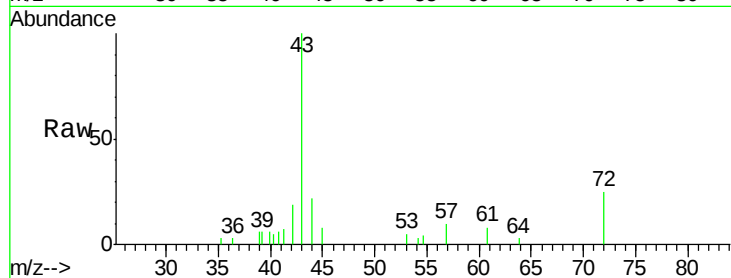




#25
2-Butanone
Concen: 3.40 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.00 min
Lab File: VX002620.D
Acq: 16 Jun 2018 01:55

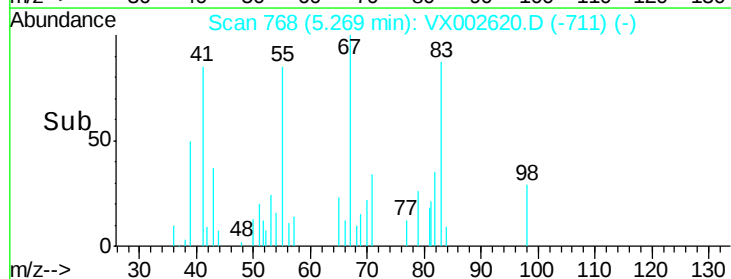
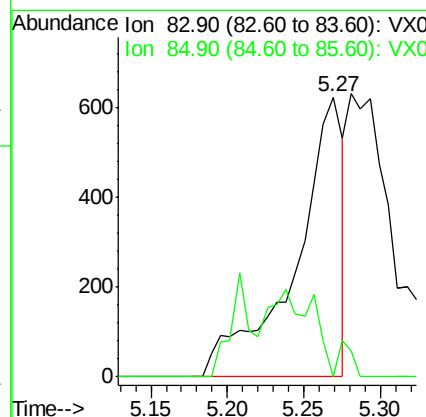
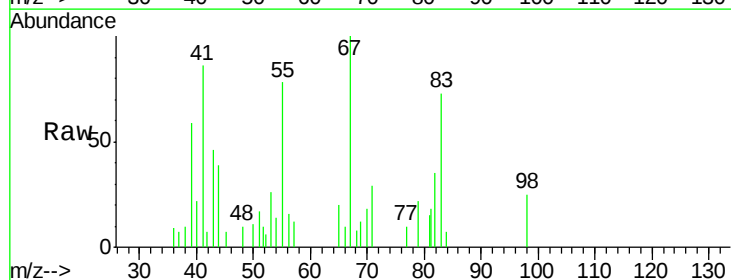
Instrument :
MSVOA_X
ClientSampled :

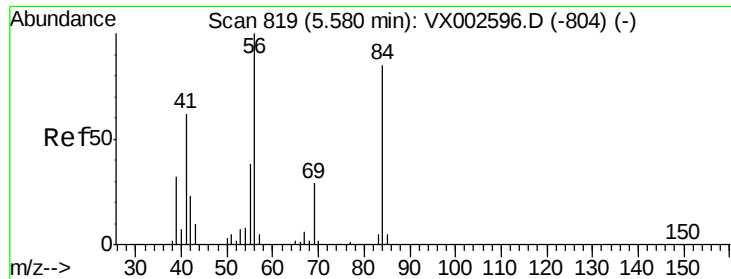
Tot Ion: 43 Resp: 6386
Ion Ratio Lower Upper
43 100
72 25.0 18.5 27.7



#30
Chloroform
Concen: 0.30 ug/l
RT: 5.27 min Scan# 768
Delta R.T. 0.05 min
Lab File: VX002620.D
Acq: 16 Jun 2018 01:55

Tgt Ion: 83 Resp: 1349
Ion Ratio Lower Upper
83 100
85 0.0 50.4 75.6#

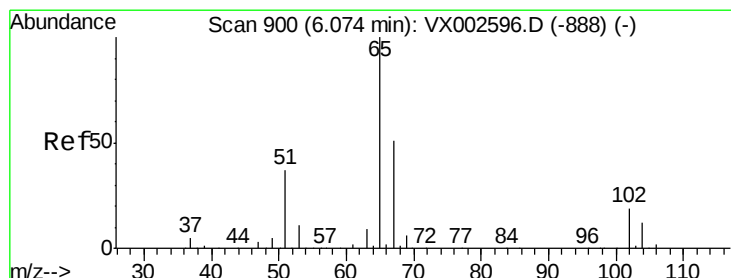
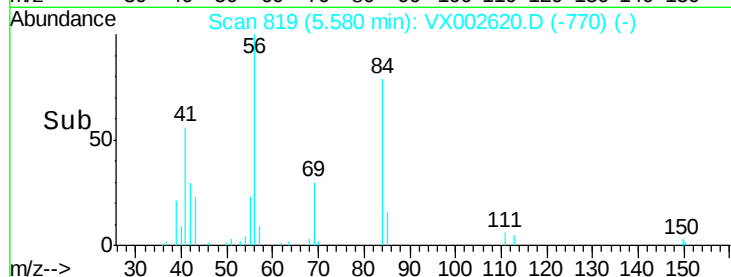
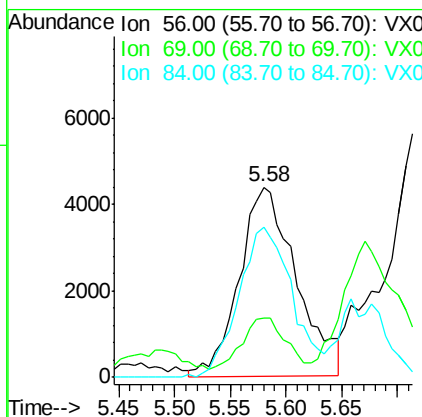
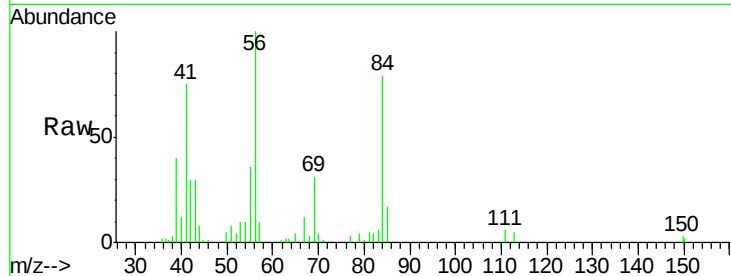




#31
Cyclohexane
Concen: 4.10 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX002620.D
Acq: 16 Jun 2018 01:55

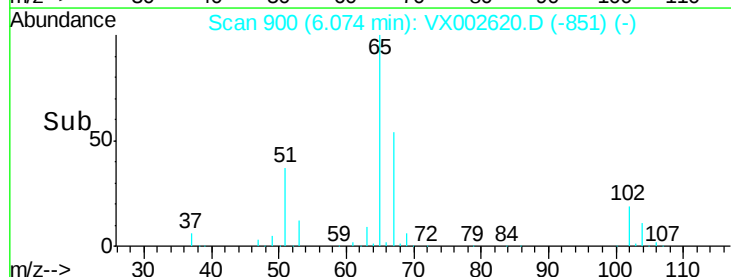
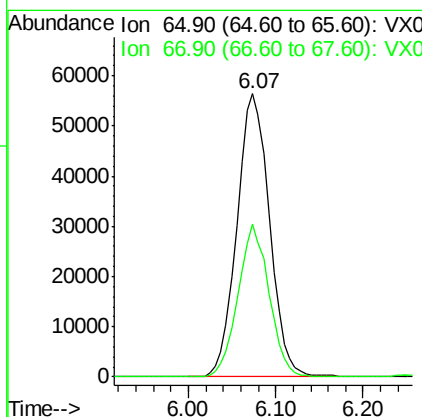
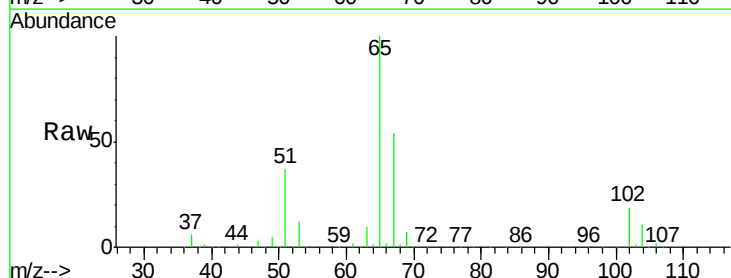
Instrument :
MSVOA_X
ClientSampleId :

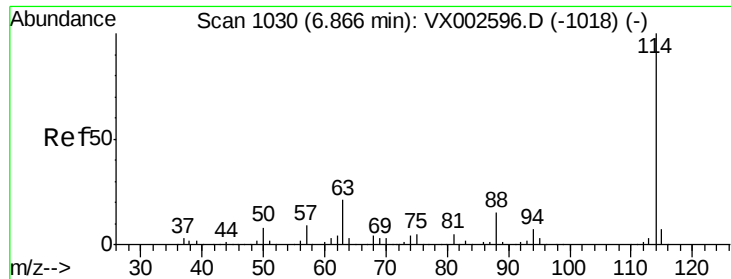
Tot Ion: 56 Resp: 15658
Ion Ratio Lower Upper
56 100
69 23.9 23.7 35.5
84 80.5 64.1 96.1



#33
1,2-Dichloroethane-d4
Concen: 45.24 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002620.D
Acq: 16 Jun 2018 01:55

Tgt Ion: 65 Resp: 146544
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.6

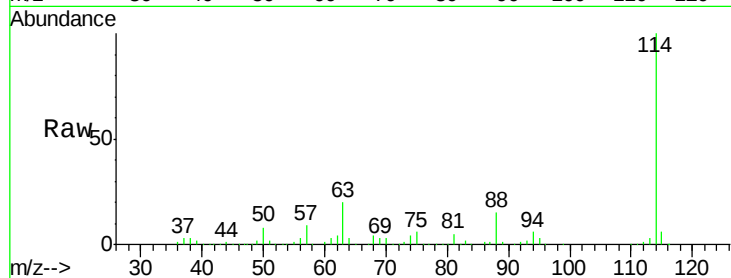




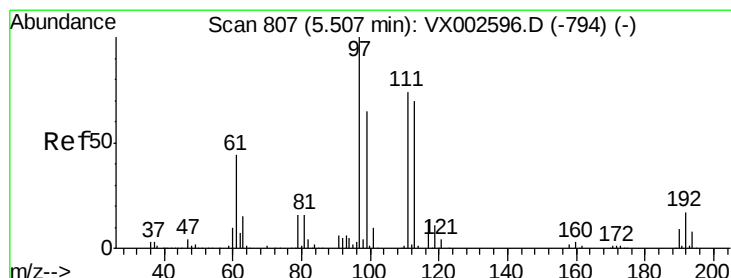
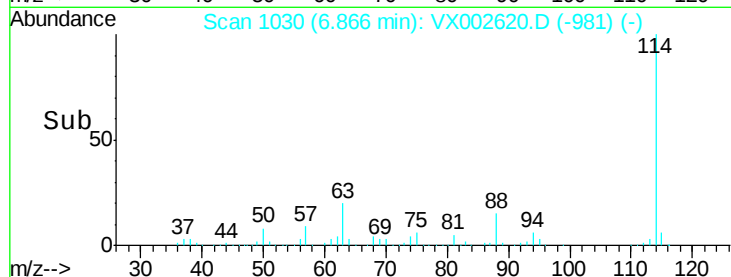
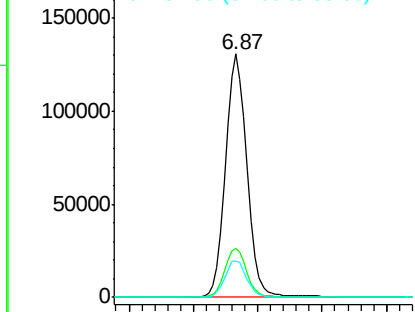
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002620.D
 Acq: 16 Jun 2018 01:55

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:114 Resp: 308116
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.4
 88 15.0 0.0 30.0

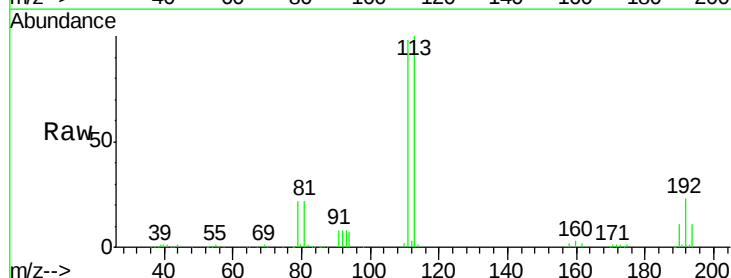


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

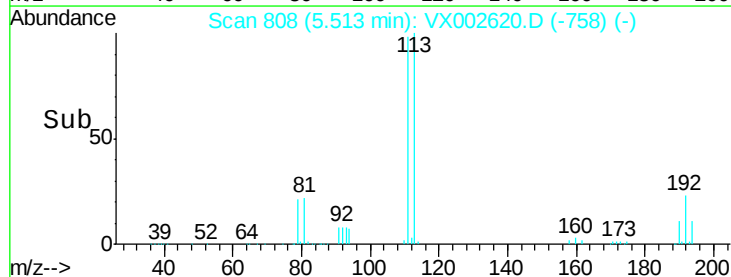
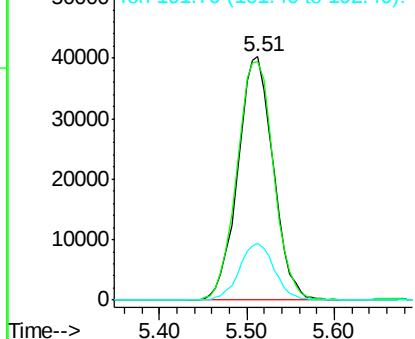


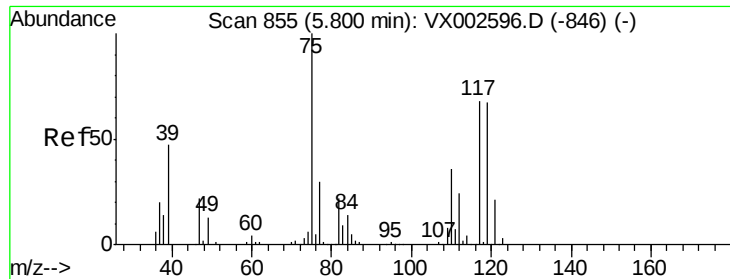
#35
 Dibromofluoromethane
 Concen: 45.97 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX002620.D
 Acq: 16 Jun 2018 01:55

Tgt Ion:113 Resp: 113052
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.4 122.0
 192 22.9 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

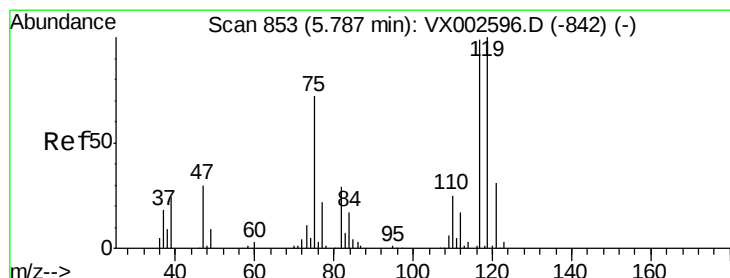
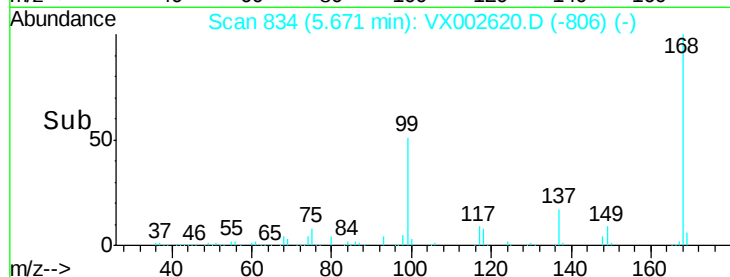
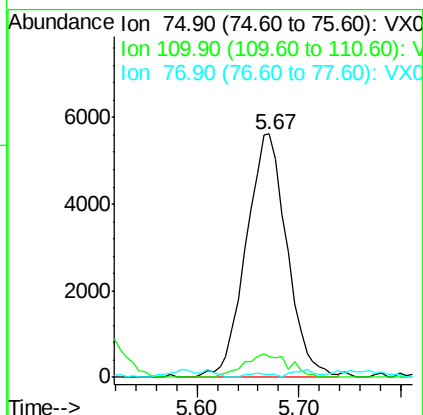
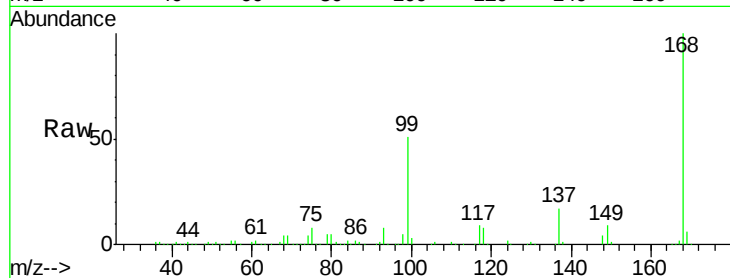




#36
 1,1-Dichloropropene
 Concen: 4.78 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX002620.D
 Acq: 16 Jun 2018 01:55

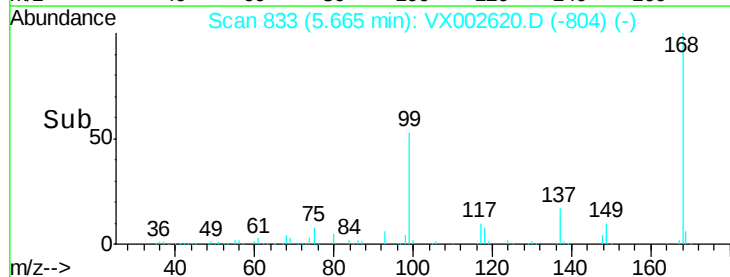
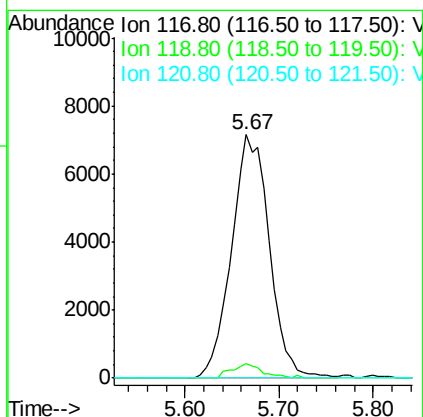
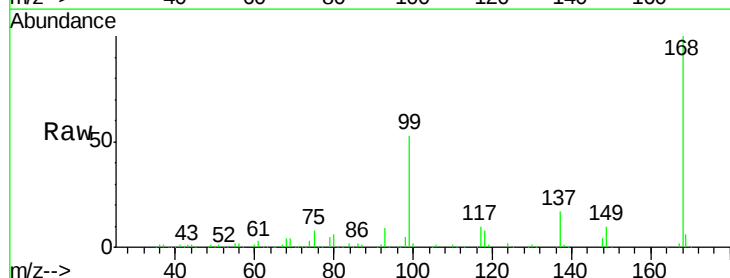
Instrument :
 MSVOA_X
 ClientSampleId :

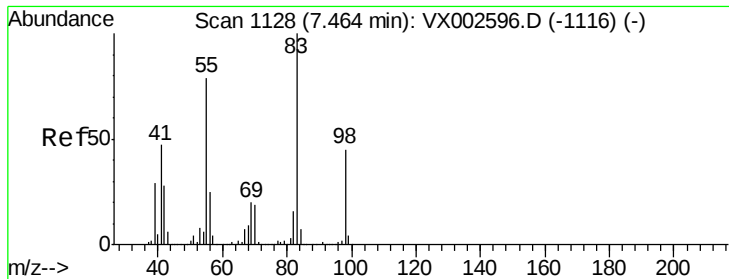
Tot Ion: 75 Resp: 15642
 Ion Ratio Lower Upper
 75 100
 110 10.5 18.1 54.4#
 77 1.1 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.16 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX002620.D
 Acq: 16 Jun 2018 01:55

Tgt Ion: 117 Resp: 20066
 Ion Ratio Lower Upper
 117 100
 119 5.7 77.4 116.0#
 121 0.0 24.4 36.6#

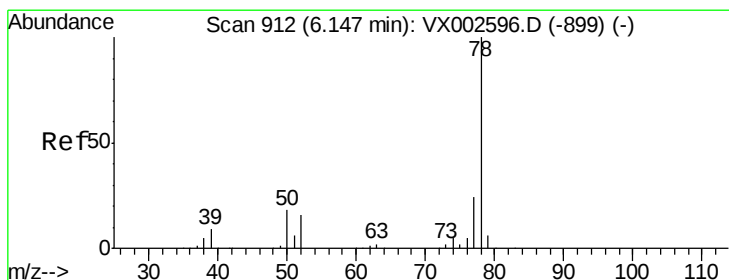
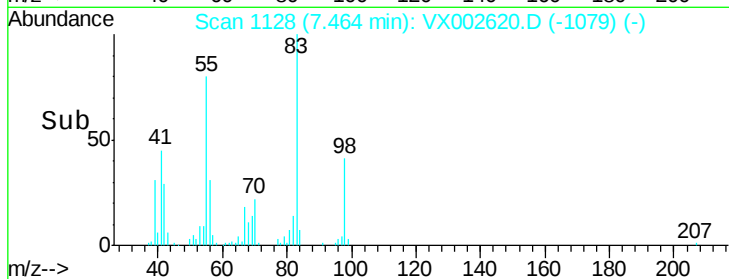
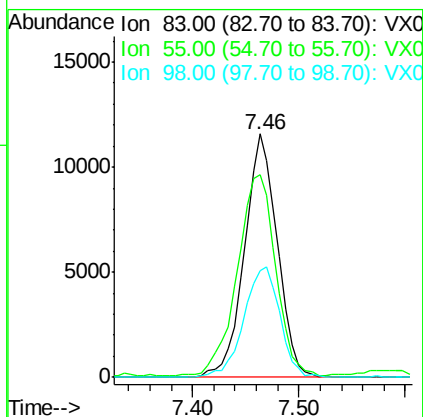
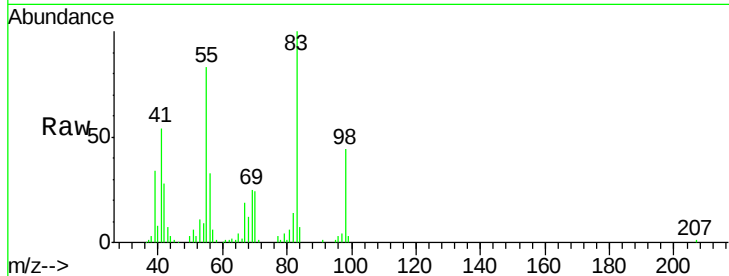




#39
Methvlcvclohexane
Concen: 6.56 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002620.D
Acq: 16 Jun 2018 01:55

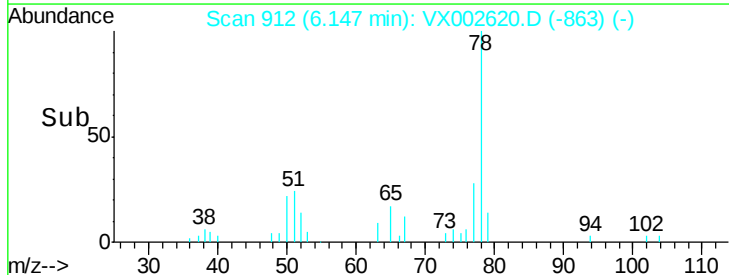
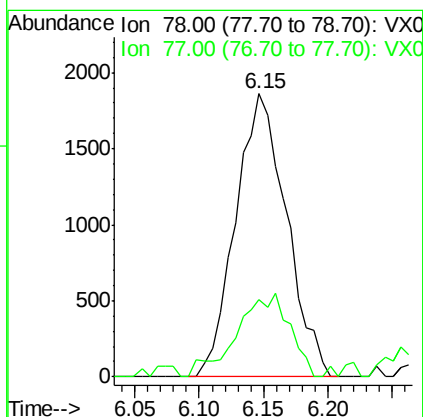
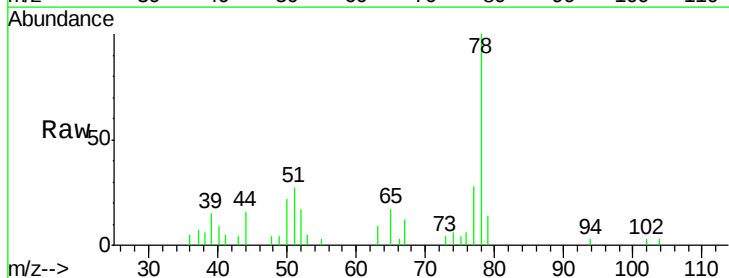
Instrument :
MSVOA_X
ClientSampled :

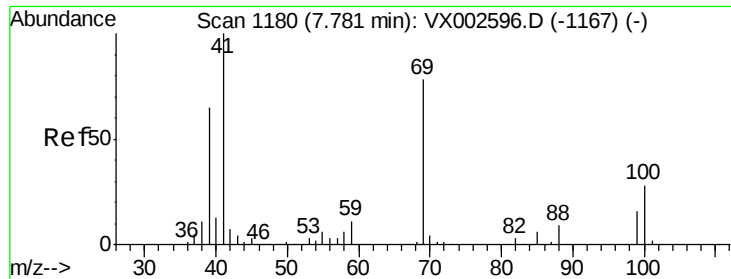
Tot Ion: 83 Resp: 25097
Ion Ratio Lower Upper
83 100
55 82.2 65.4 98.0
98 43.9 37.4 56.0



#40
Benzene
Concen: 0.52 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002620.D
Acq: 16 Jun 2018 01:55

Tgt Ion: 78 Resp: 5097
Ion Ratio Lower Upper
78 100
77 27.5 19.1 28.7





#48

Methvl methacrylate

Concen: 0.97 ug/l

RT: 7.73 min Scan# 1172

Delta R.T. -0.05 min

Lab File: VX002620.D

Acq: 16 Jun 2018 01:55

Instrument :
MSVOA_X
ClientSampled :

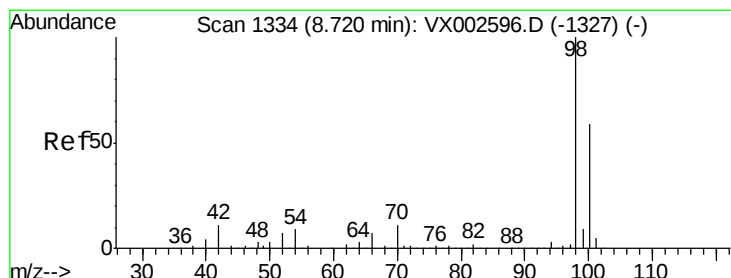
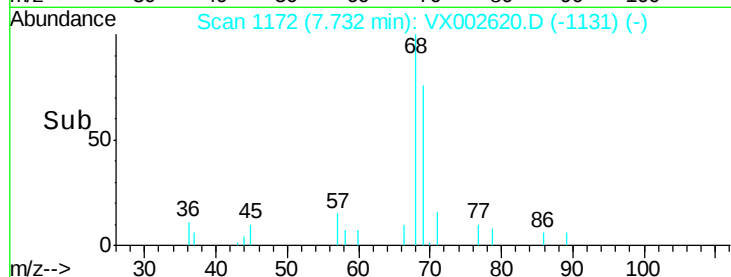
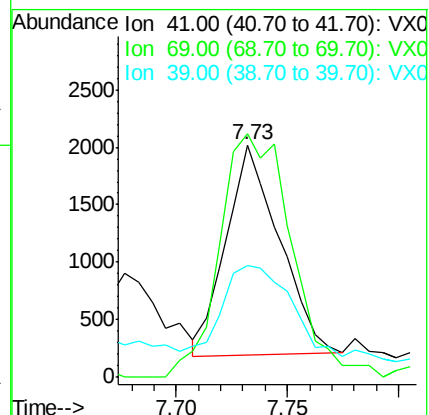
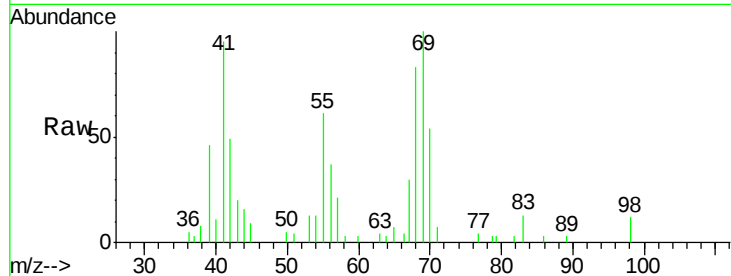
Tot Ion: 41 Resp: 3030

Ion Ratio Lower Upper

41 100

69 156.8 59.1 88.7#

39 72.4 48.9 73.3



#50

Toluene-d8

Concen: 47.94 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002620.D

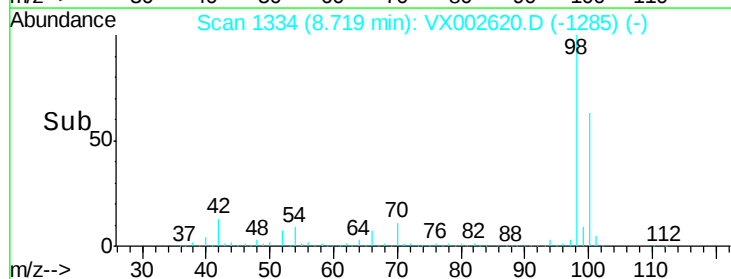
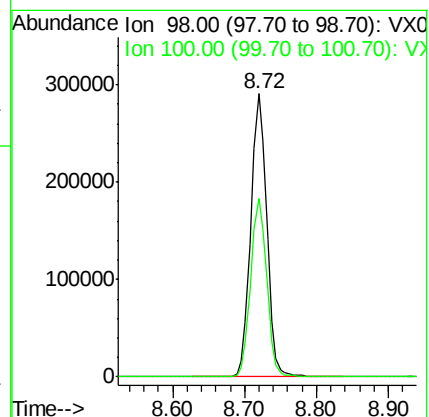
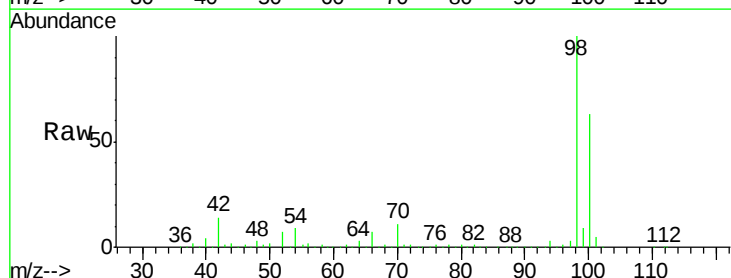
Acq: 16 Jun 2018 01:55

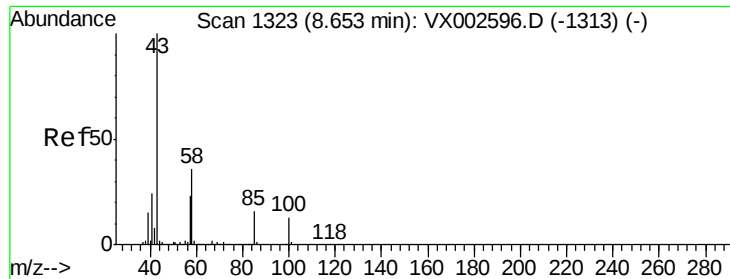
Tgt Ion: 98 Resp: 447573

Ion Ratio Lower Upper

98 100

100 62.9 50.9 76.3

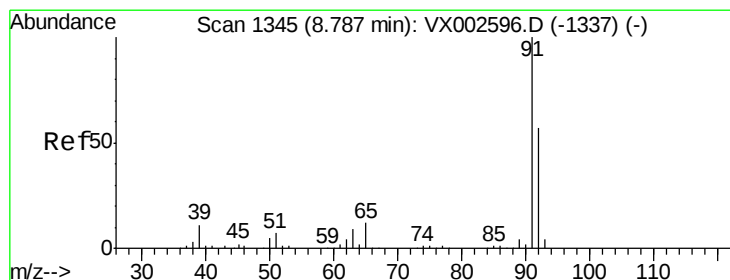
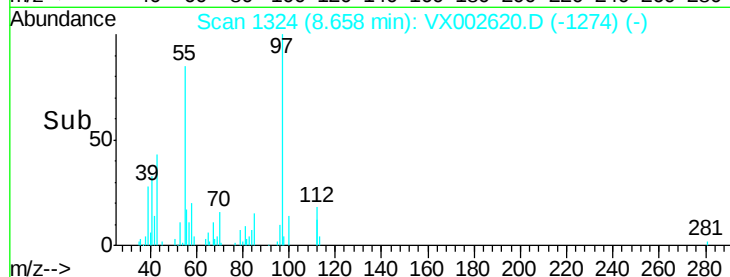
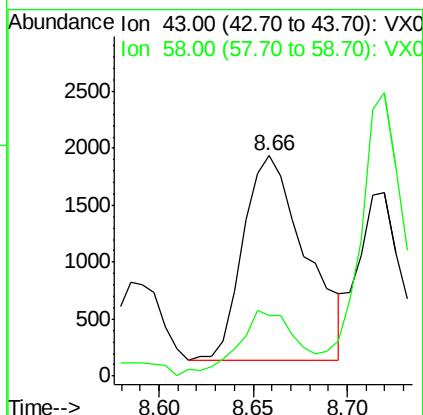
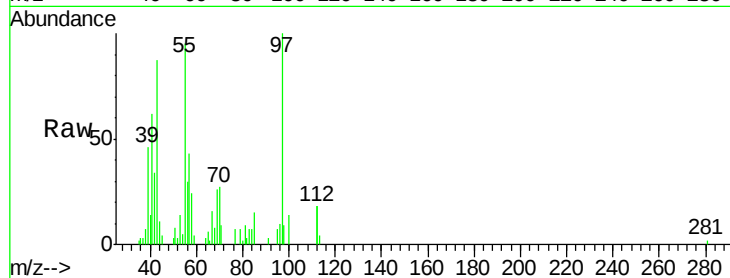




#51
4-Methyl-2-Pentanone
Concen: 1.06 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX002620.D
Acq: 16 Jun 2018 01:55

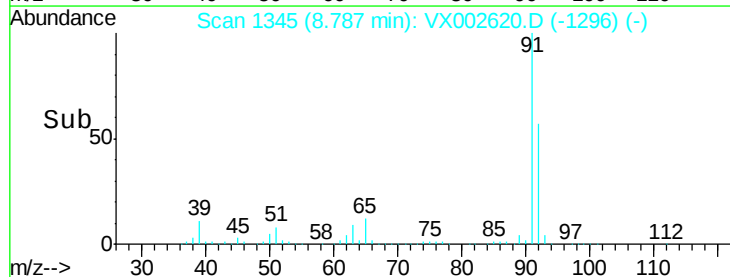
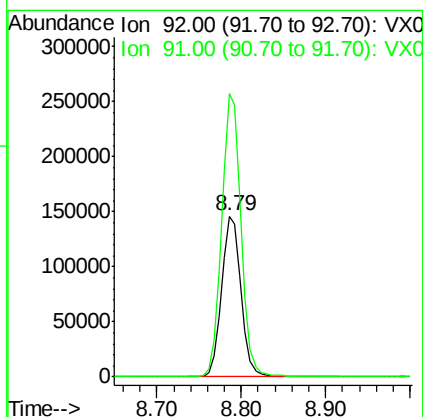
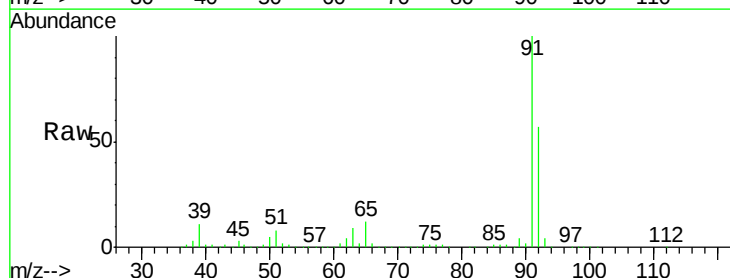
Instrument :
MSVOA_X
ClientSampled :

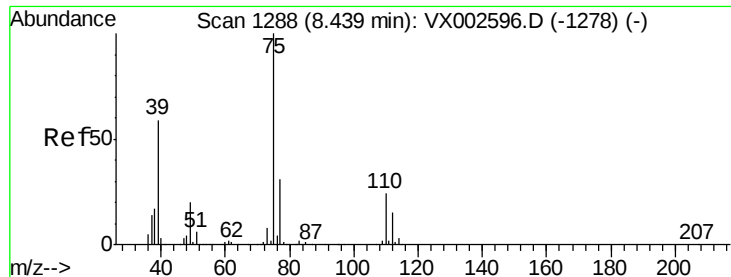
Tot Ion: 43 Resp: 4164
Ion Ratio Lower Upper
43 100
58 29.8 28.6 42.8



#52
Toluene
Concen: 37.19 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002620.D
Acq: 16 Jun 2018 01:55

Tgt Ion: 92 Resp: 232770
Ion Ratio Lower Upper
92 100
91 175.9 140.4 210.6

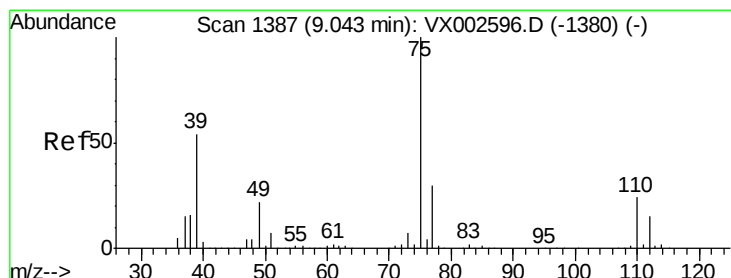
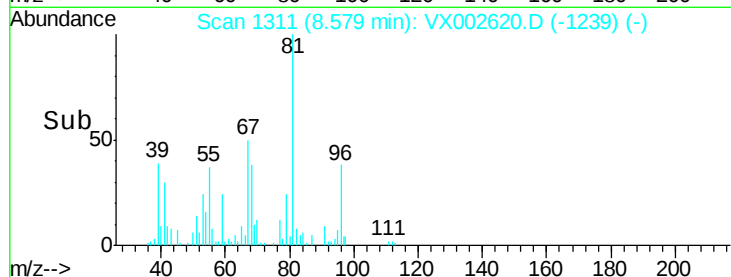
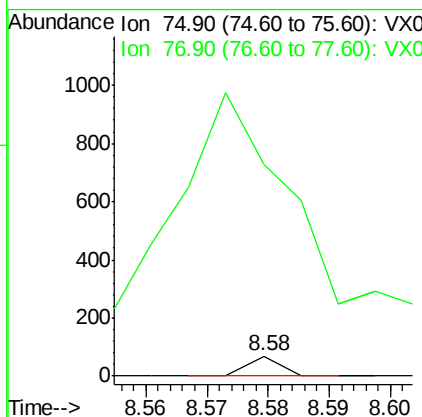
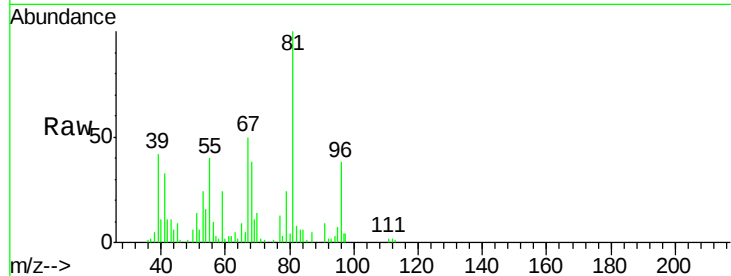




#53
 t-1,3-Dichloropropene
 Concen: 2.40 ug/l
 RT: 8.58 min Scan# 1311
 Delta R.T. 0.14 min
 Lab File: VX002620.D
 Acq: 16 Jun 2018 01:55

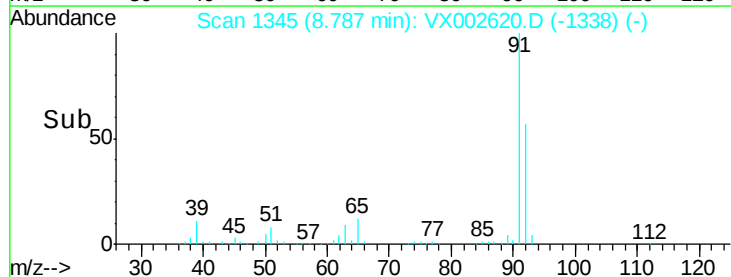
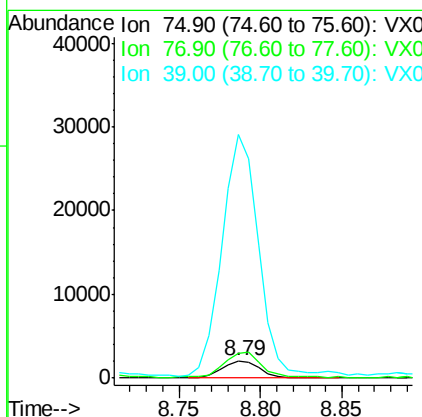
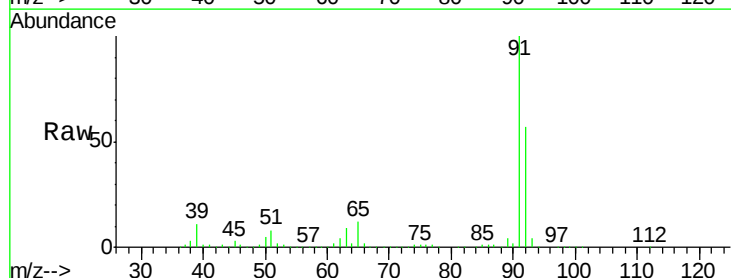
Instrument :
 MSVOA_X
 ClientSampleId :

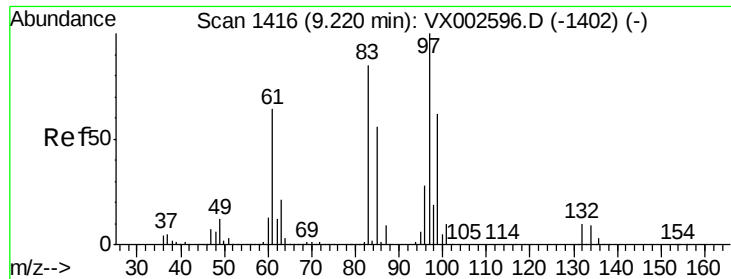
Tot Ion: 75 Resp: 25
 Ion Ratio Lower Upper
 75 100
 77 698.6 25.4 38.2#



#54
 cis-1,3-Dichloropropene
 Concen: 4.04 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.26 min
 Lab File: VX002620.D
 Acq: 16 Jun 2018 01:55

Tgt Ion: 75 Resp: 3411
 Ion Ratio Lower Upper
 75 100
 77 131.6 24.8 37.2#
 39 1376.0 42.4 63.6#





#55

1,1,2-Trichloroethane

Concen: 1.89 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.06 min

Lab File: VX002620.D

Acq: 16 Jun 2018 01:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 97 Resp: 4792

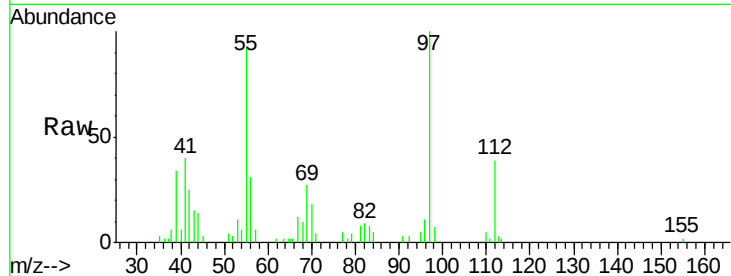
Ion Ratio Lower Upper

97 100

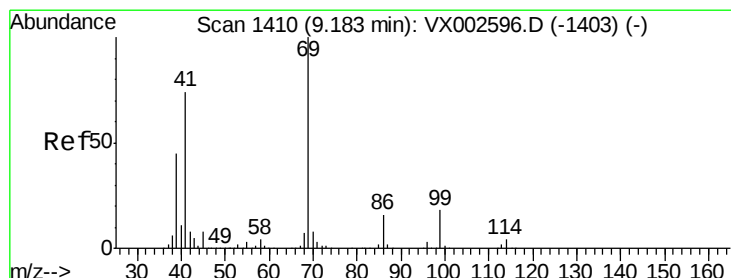
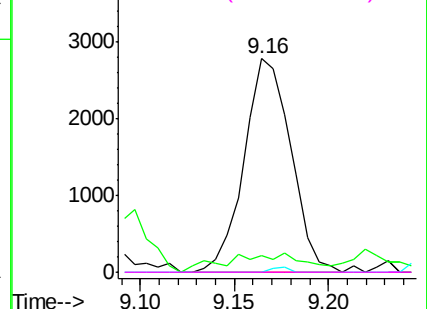
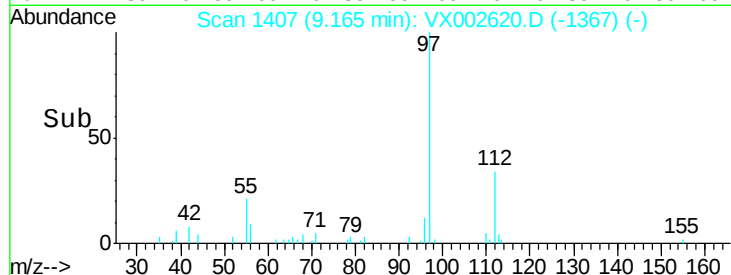
83 5.3 70.2 105.2#

85 0.0 44.9 67.3#

99 0.0 49.8 74.8#



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.26 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VX002620.D

Acq: 16 Jun 2018 01:55

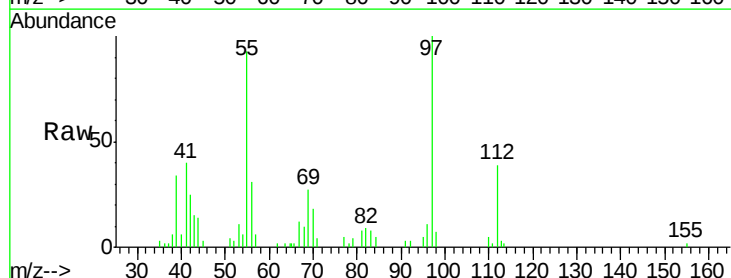
Tgt Ion: 69 Resp: 1010

Ion Ratio Lower Upper

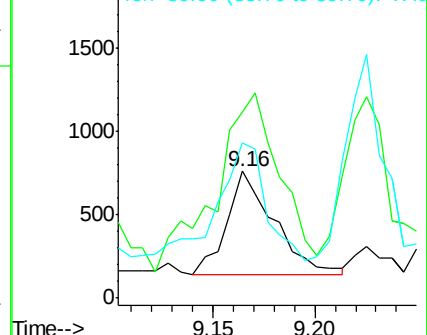
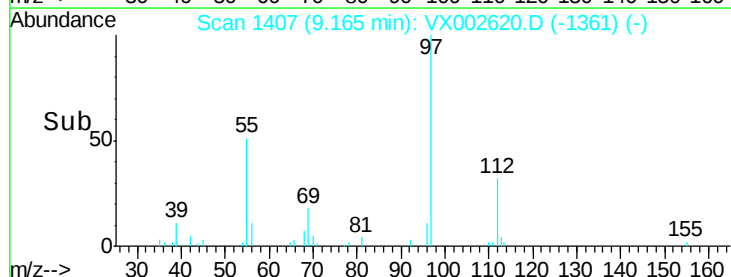
69 100

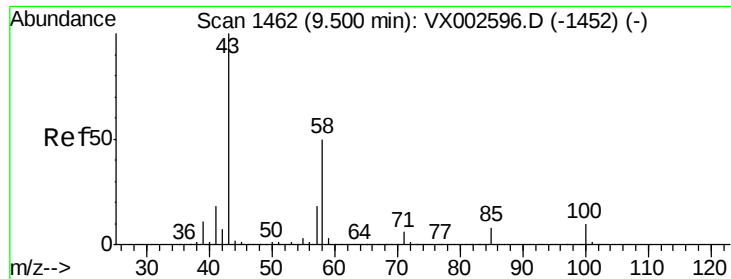
41 236.9 60.3 90.5#

39 118.0 35.8 53.8#



Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

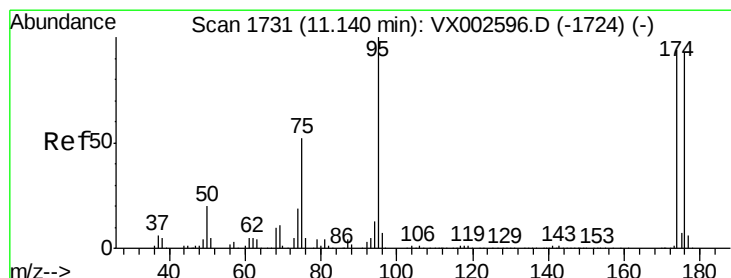
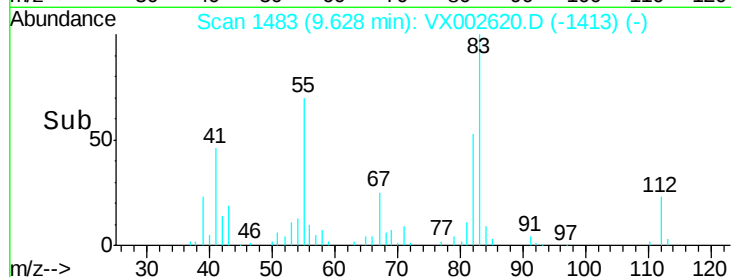
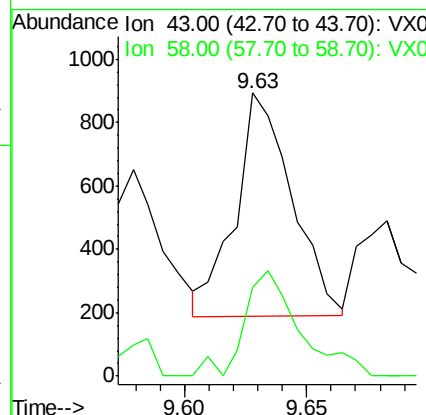
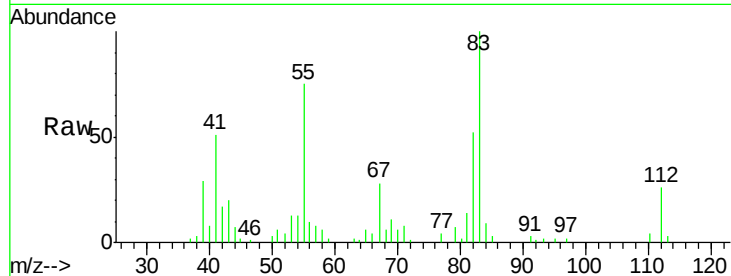




#59
2-Hexanone
Concen: 0.38 ug/l
RT: 9.63 min Scan# 1483
Delta R.T. 0.13 min
Lab File: VX002620.D
Acq: 16 Jun 2018 01:55

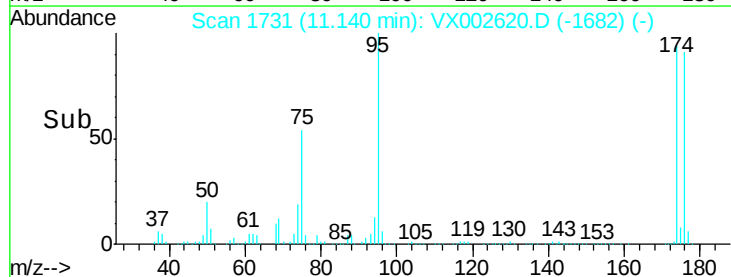
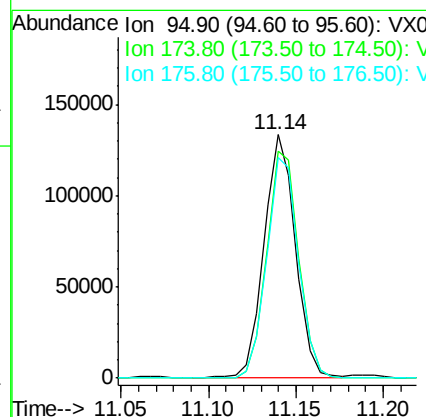
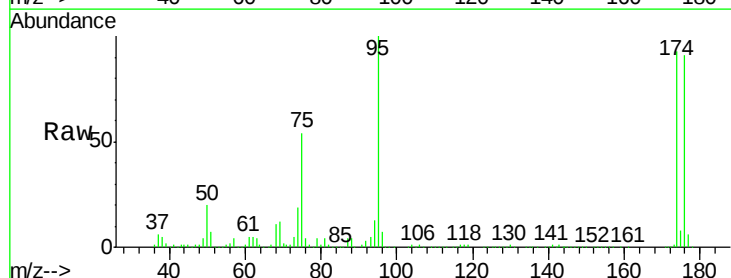
Instrument :
MSVOA_X
ClientSampled :

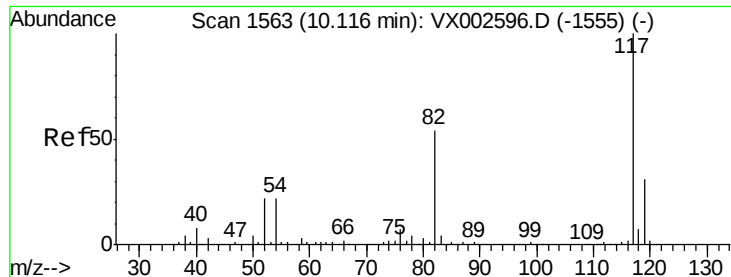
Tot Ion: 43 Resp: 1127
Ion Ratio Lower Upper
43 100
58 46.8 24.6 73.6



#62
4-Bromofluorobenzene
Concen: 47.32 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002620.D
Acq: 16 Jun 2018 01:55

Tgt Ion: 95 Resp: 167411
Ion Ratio Lower Upper
95 100
174 95.7 0.0 187.4
176 92.7 0.0 181.0

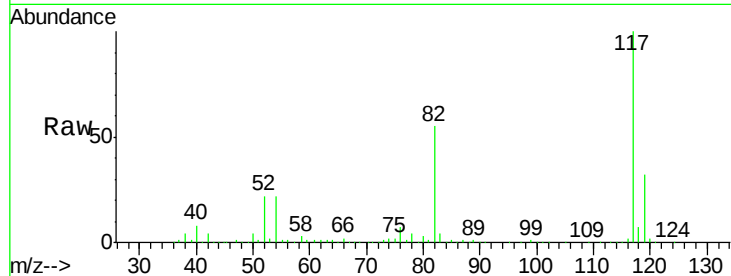




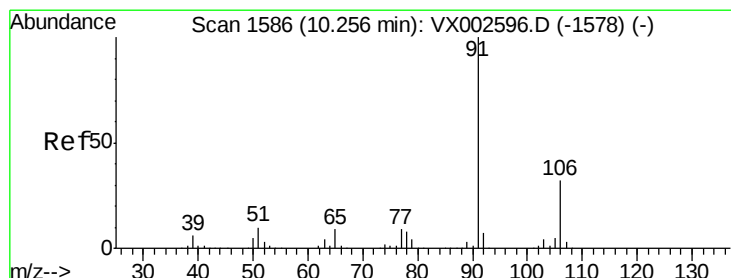
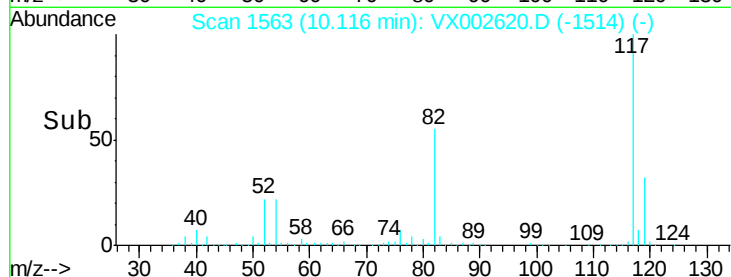
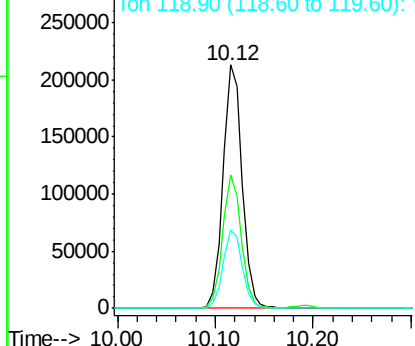
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002620.D
Acq: 16 Jun 2018 01:55

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 288003
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.4
119 32.1 25.8 38.6

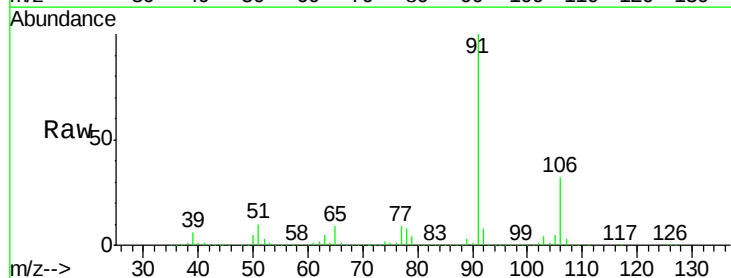


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

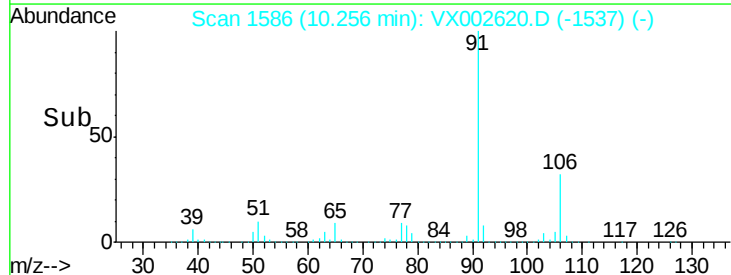
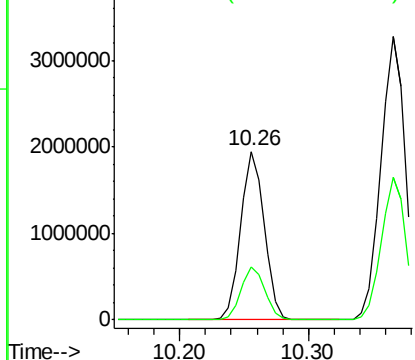


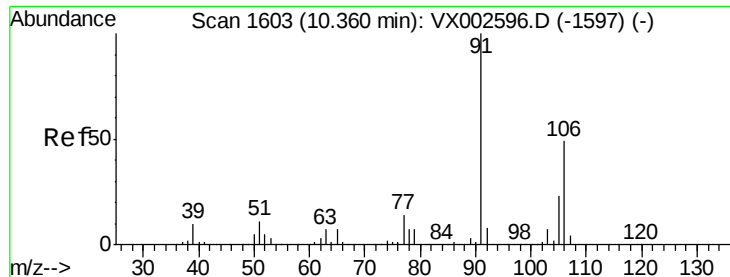
#67
Ethyl Benzene
Concen: 207.07 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002620.D
Acq: 16 Jun 2018 01:55

Tgt Ion: 91 Resp: 2470371
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

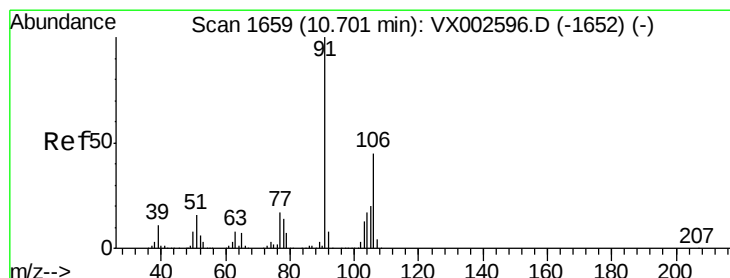
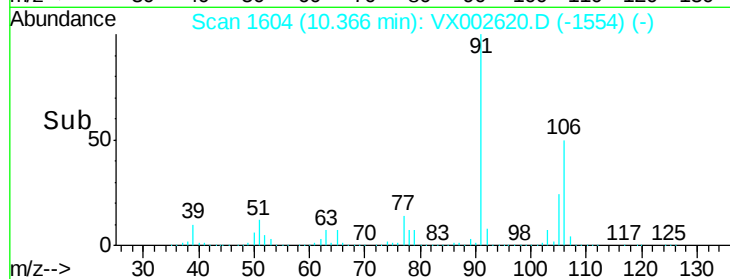
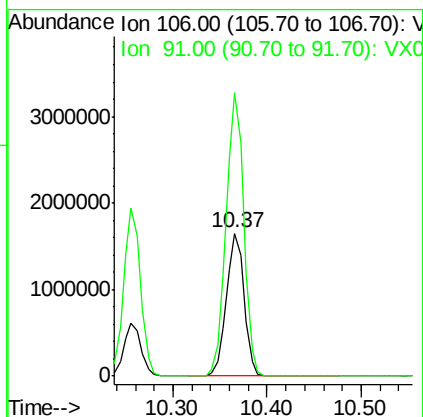
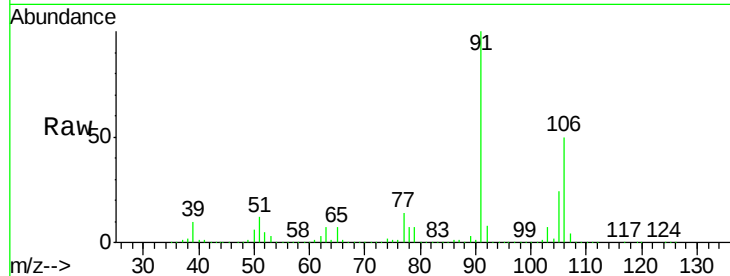




#68
m/p-Xylenes
Concen: 464.56 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX002620.D
Acq: 16 Jun 2018 01:55

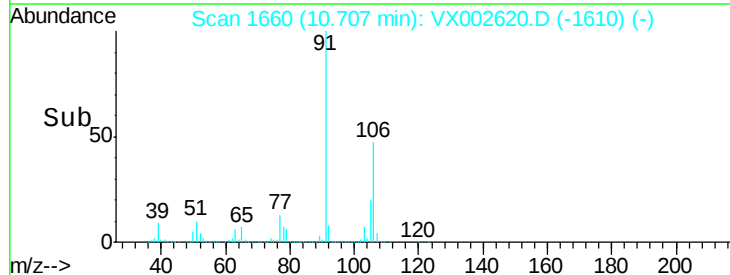
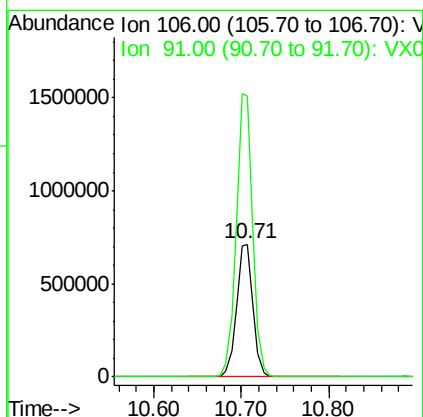
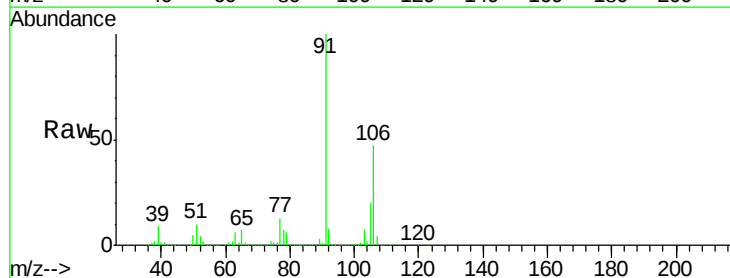
Instrument :
MSVOA_X
ClientSampleId :

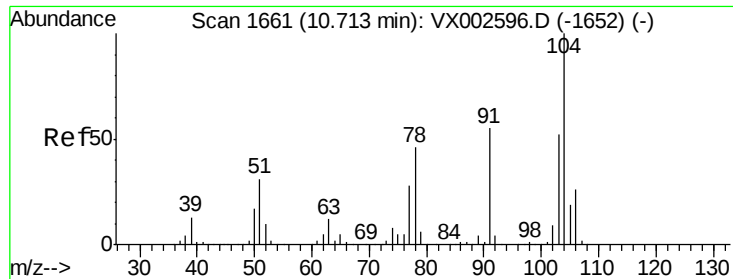
Tot Ion:106 Resp: 2137826
Ion Ratio Lower Upper
106 100
91 199.8 163.4 245.2



#69
o-Xylene
Concen: 207.54 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX002620.D
Acq: 16 Jun 2018 01:55

Tgt Ion:106 Resp: 938366
Ion Ratio Lower Upper
106 100
91 214.0 108.2 324.6

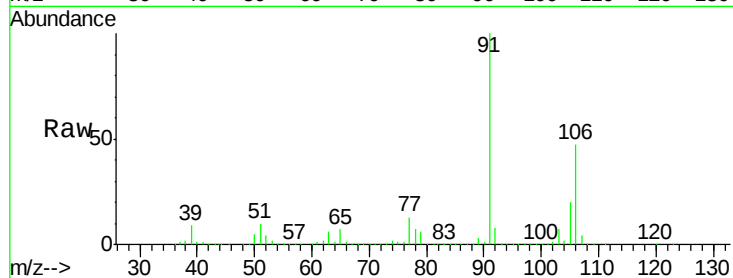




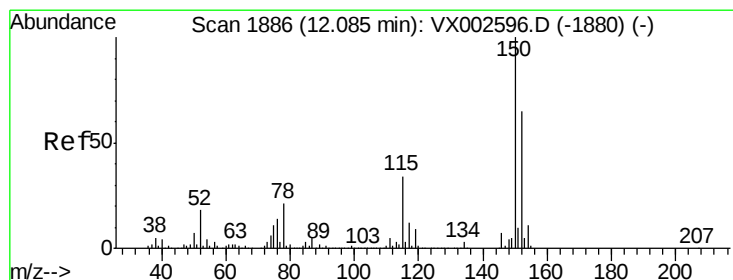
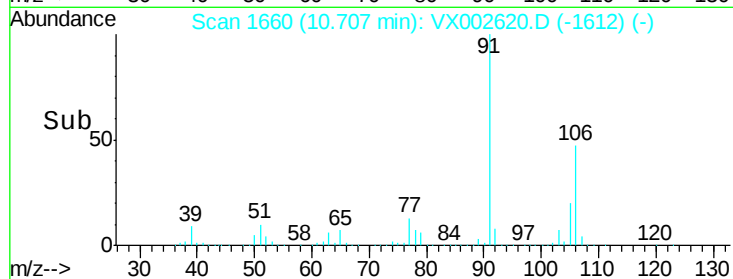
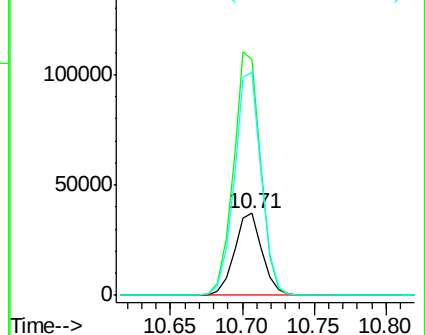
#70
Stvrene
Concen: 6.71 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.01 min
Lab File: VX002620.D
Acq: 16 Jun 2018 01:55

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:104 Resp: 49925
Ion Ratio Lower Upper
104 100
78 291.2 41.0 61.6#
103 265.8 44.2 66.4#

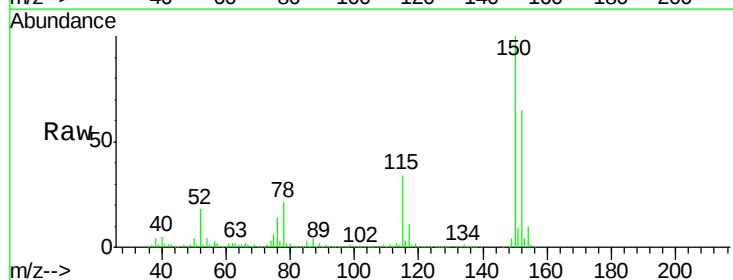


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

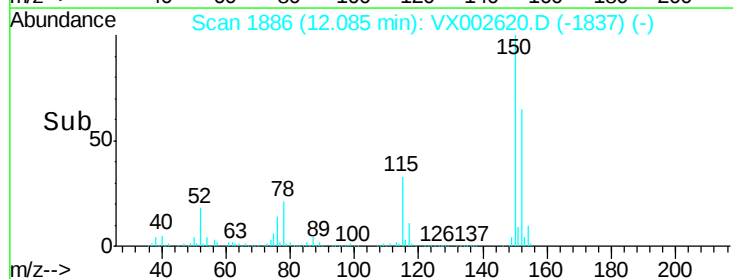
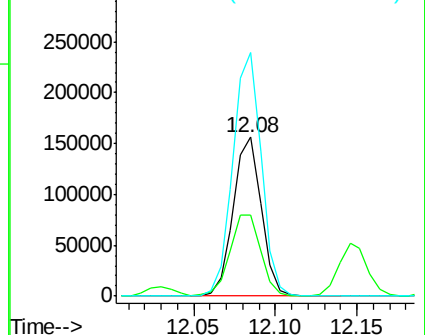


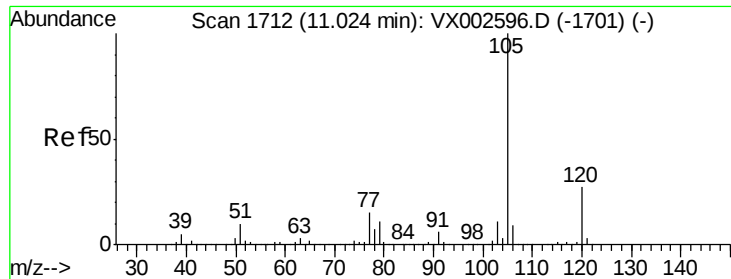
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002620.D
Acq: 16 Jun 2018 01:55

Tgt Ion:152 Resp: 186525
Ion Ratio Lower Upper
152 100
115 55.9 40.1 120.2
150 155.5 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: 24.21 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002620.D

Acq: 16 Jun 2018 01:55

Instrument :

MSVOA_X

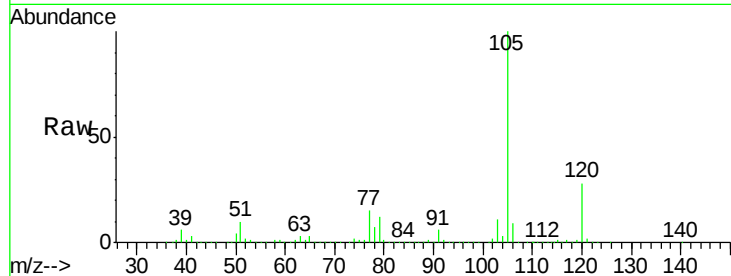
ClientSampled :

Tot Ion:105 Resp: 302000

Ion Ratio Lower Upper

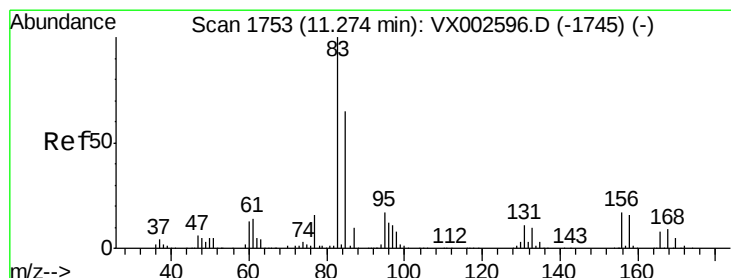
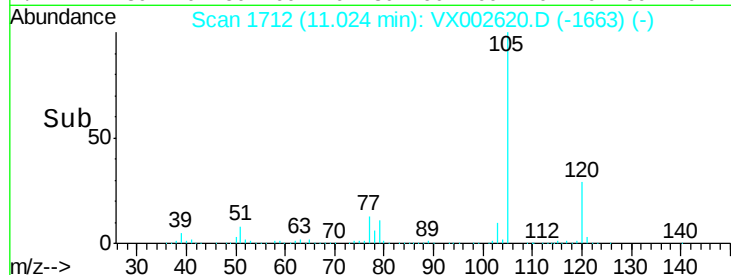
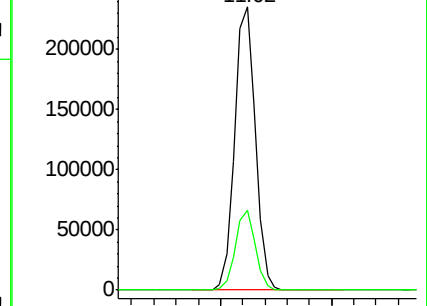
105 100

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



#75

1,1,2,2-Tetrachloroethane

Concen: 0.59 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX002620.D

Acq: 16 Jun 2018 01:55

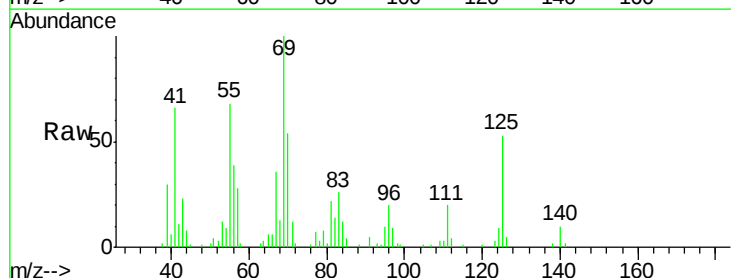
Tgt Ion: 83 Resp: 2164

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

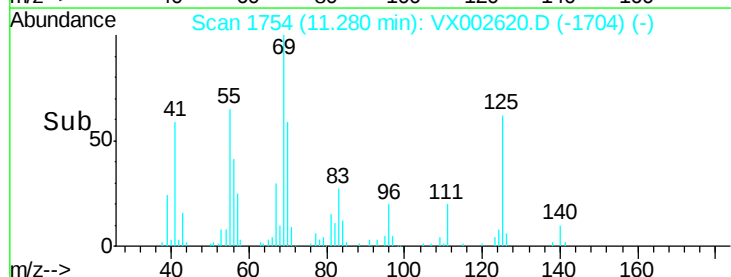
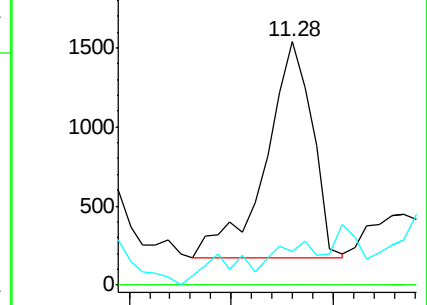
85 11.7 32.4 97.2#

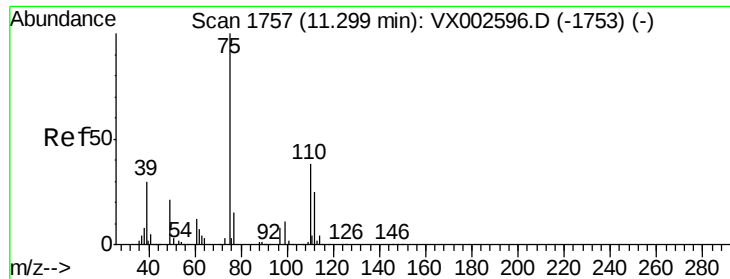


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 0.79 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.06 min

Lab File: VX002620.D

Acq: 16 Jun 2018 01:55

Instrument :

MSVOA_X

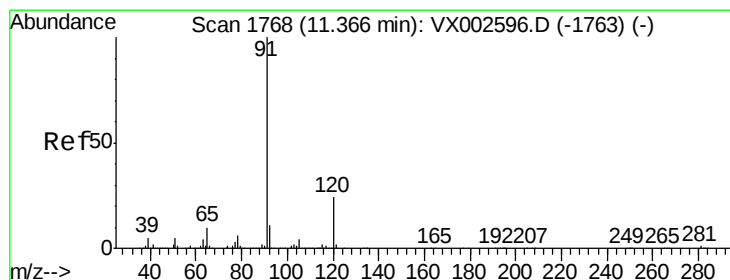
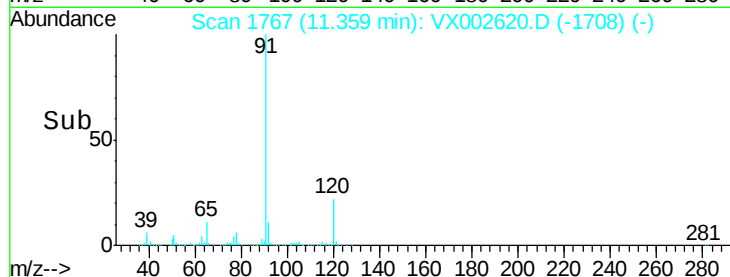
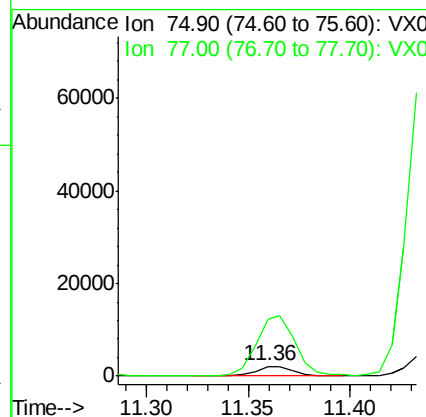
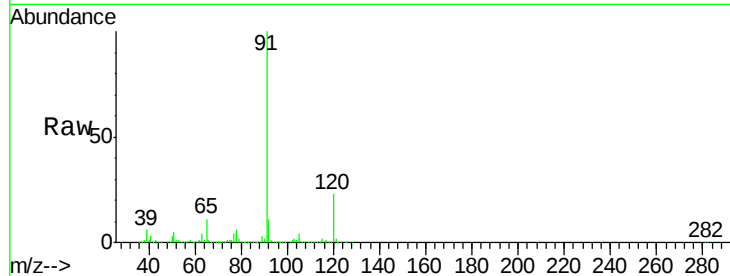
ClientSampleId :

Tot Ion: 75 Resp: 2779

Ion Ratio Lower Upper

75 100

77 608.7 22.8 68.3#



#78

n-propylbenzene

Concen: 28.80 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002620.D

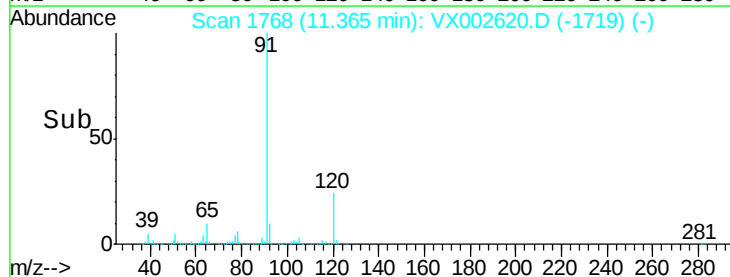
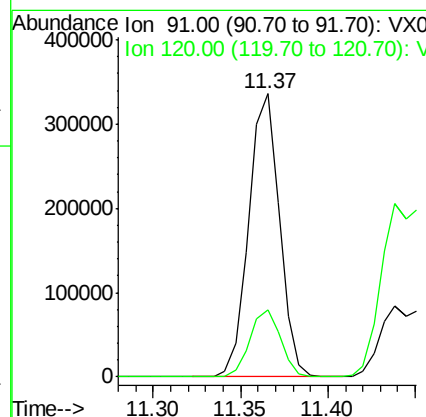
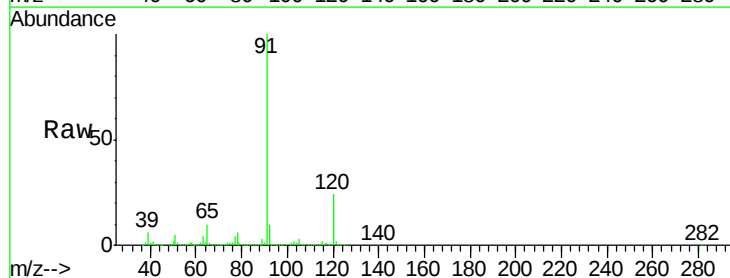
Acq: 16 Jun 2018 01:55

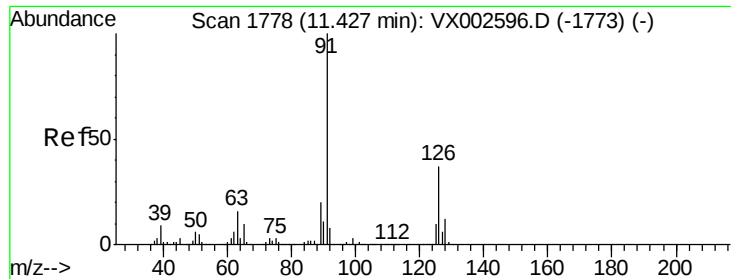
Tgt Ion: 91 Resp: 412078

Ion Ratio Lower Upper

91 100

120 23.7 11.8 35.4





#79

2-Chlorotoluene

Concen: 24.71 ug/l

RT: 11.46 min Scan# 1783

Delta R.T. 0.03 min

Lab File: VX002620.D

Acq: 16 Jun 2018 01:55

Instrument :

MSVOA_X

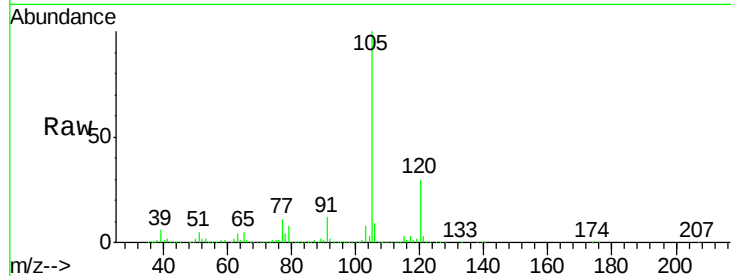
ClientSampleId :

Tot Ion: 91 Resp: 211049

Ion Ratio Lower Upper

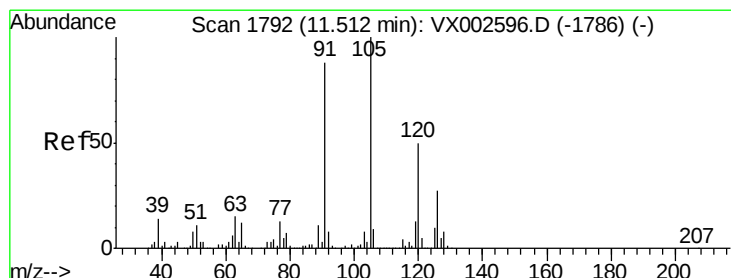
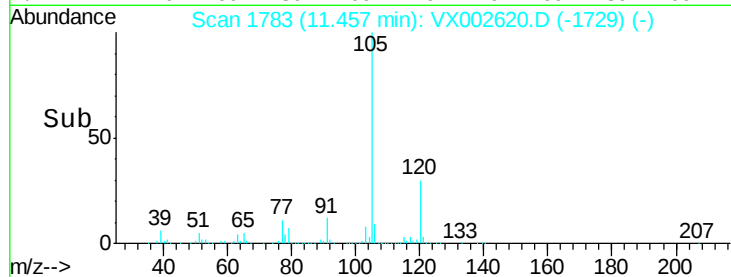
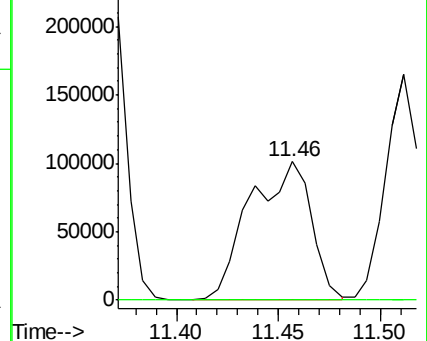
91 100

126 0.2 17.7 53.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 164.28 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002620.D

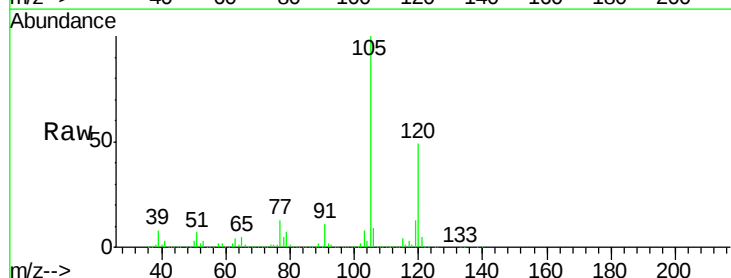
Acq: 16 Jun 2018 01:55

Tgt Ion:105 Resp: 1731933

Ion Ratio Lower Upper

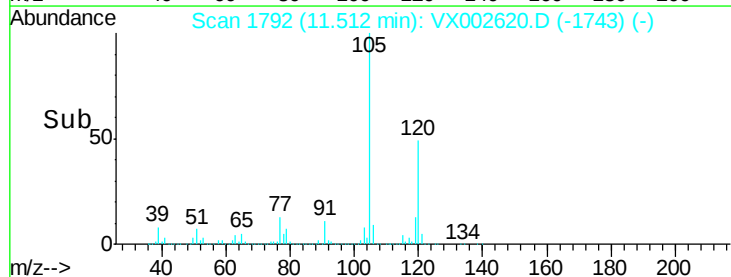
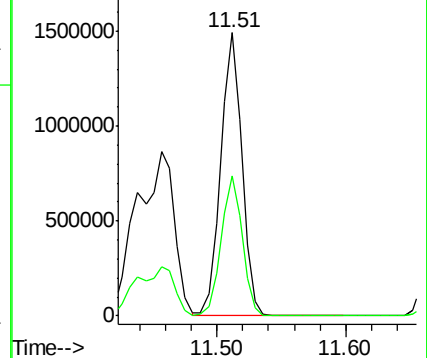
105 100

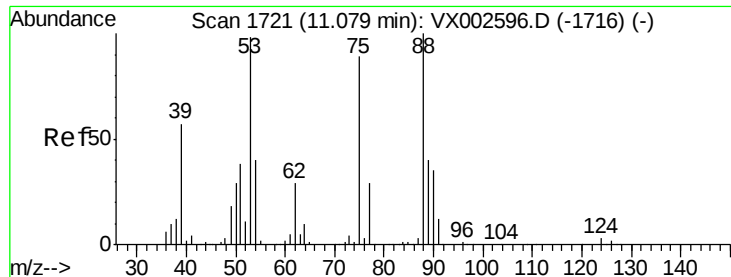
120 49.4 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 7.34 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.06 min

Lab File: VX002620.D

Acq: 16 Jun 2018 01:55

Instrument :

MSVOA_X

ClientSampled :

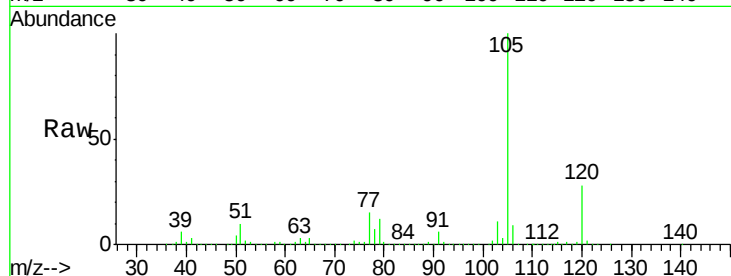
Tot Ion: 75 Resp: 3794

Ion Ratio Lower Upper

75 100

53 106.1 86.8 130.2

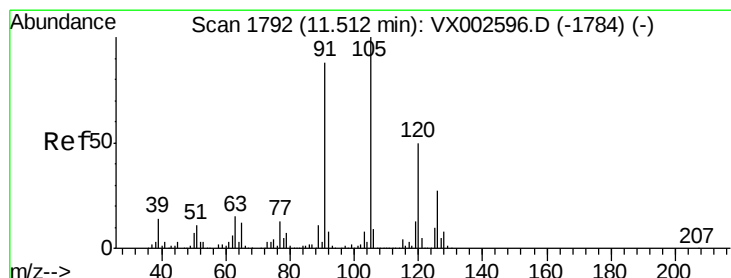
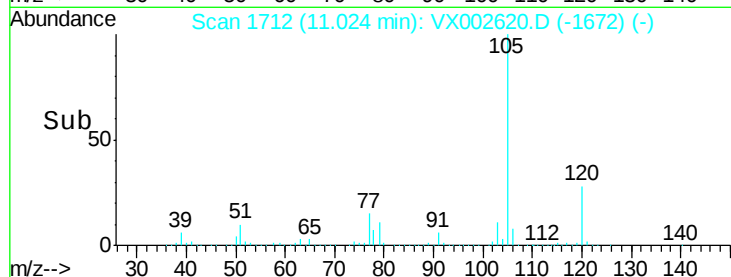
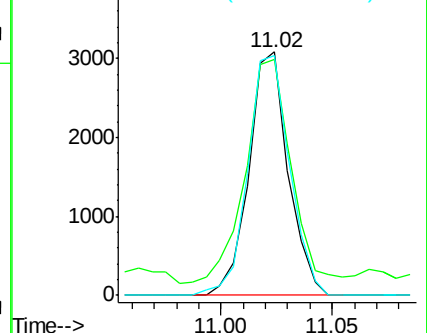
89 104.9 38.2 57.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.02 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002620.D

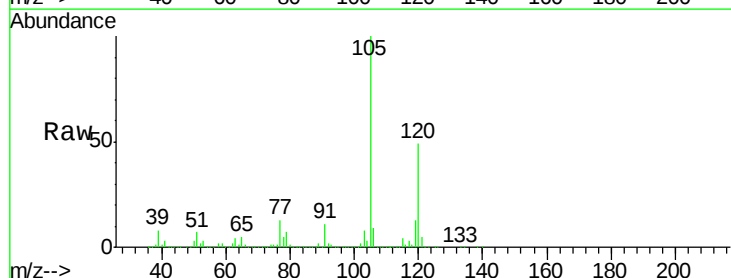
Acq: 16 Jun 2018 01:55

Tgt Ion: 91 Resp: 191748

Ion Ratio Lower Upper

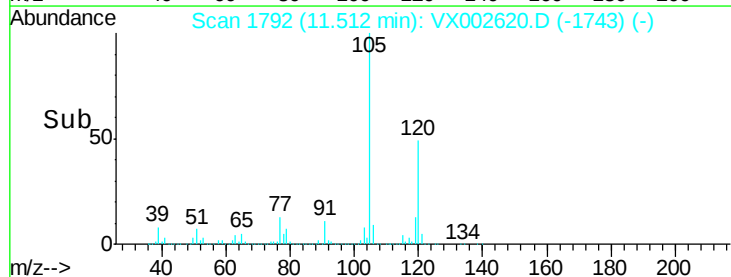
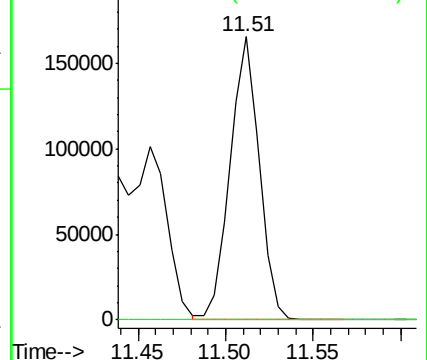
91 100

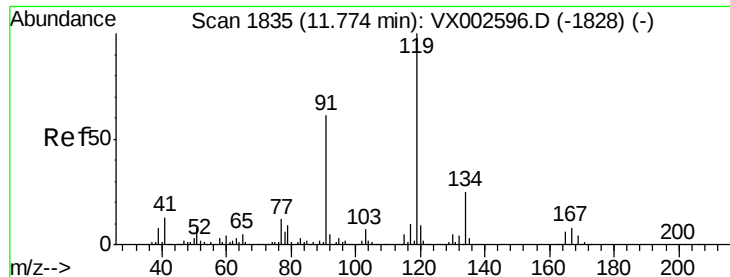
126 0.1 15.4 46.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

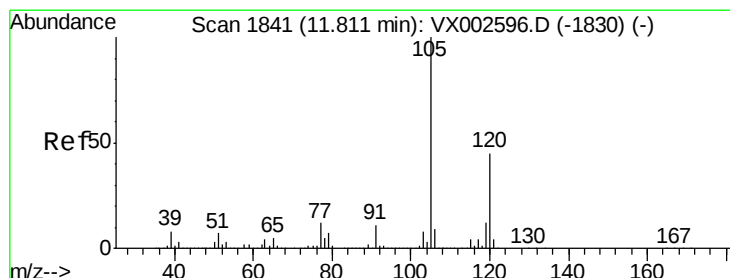
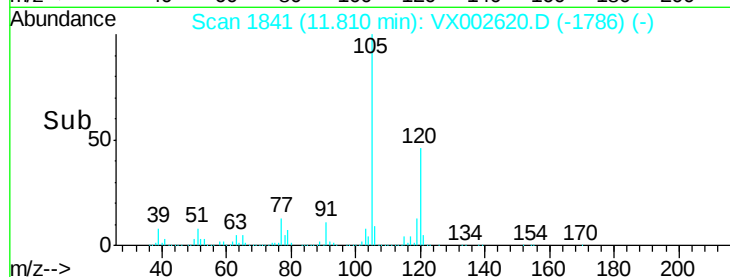
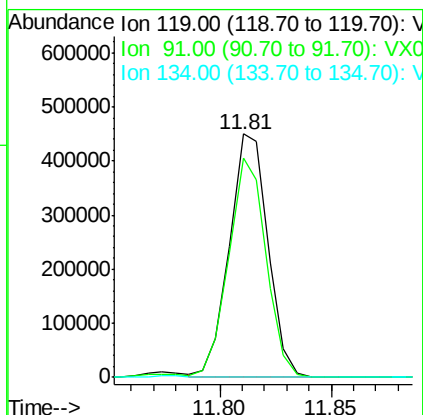
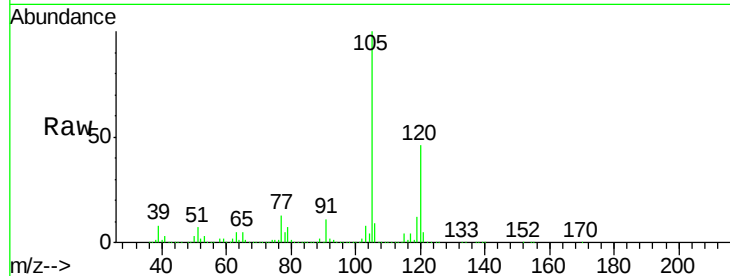




#83
tert-Butylbenzene
Concen: 53.48 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.04 min
Lab File: VX002620.D
Acq: 16 Jun 2018 01:55

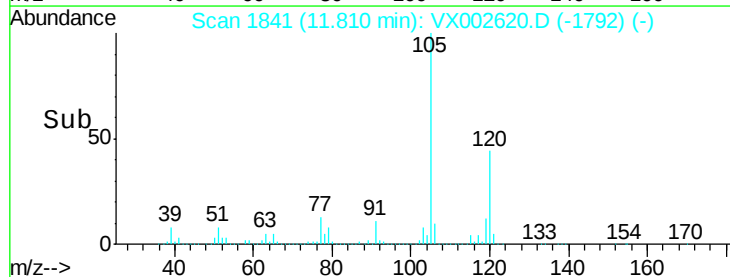
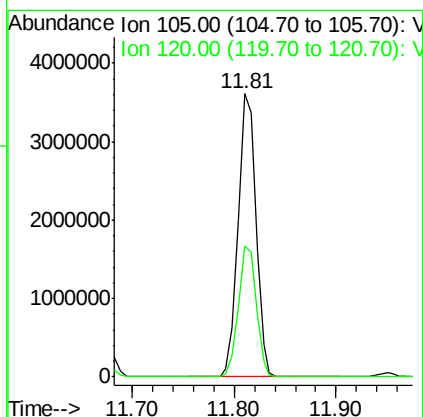
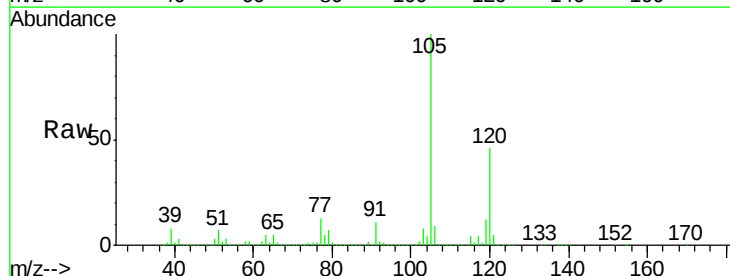
Instrument :
MSVOA_X
ClientSampleId :

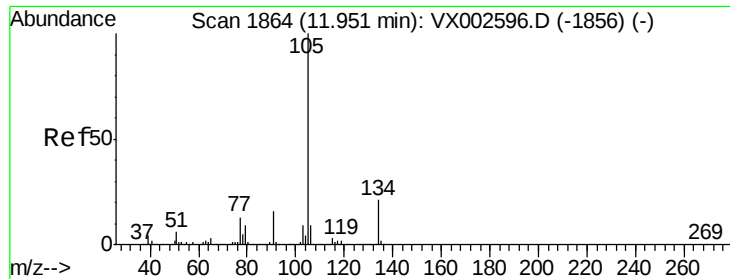
Tot Ion:119 Resp: 543140
Ion Ratio Lower Upper
119 100
91 88.9 30.3 90.9
134 0.0 11.7 35.1#



#84
1,2,4-Trimethylbenzene
Concen: 401.52 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002620.D
Acq: 16 Jun 2018 01:55

Tgt Ion:105 Resp: 4319485
Ion Ratio Lower Upper
105 100
120 46.4 22.3 66.8





#85

sec-Butylbenzene

Concen: 342.04 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.14 min

Lab File: VX002620.D

Acq: 16 Jun 2018 01:55

Instrument :

MSVOA_X

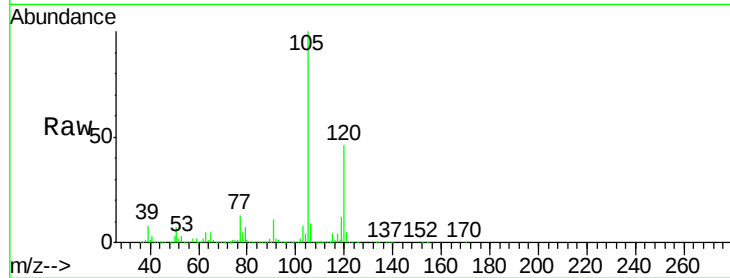
ClientSampleId :

Tot Ion:105 Resp: 4319485

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.81

4000000

3000000

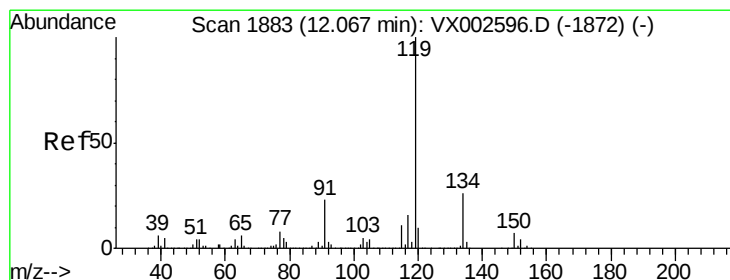
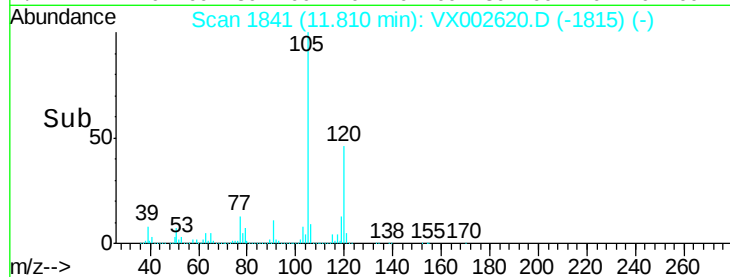
2000000

1000000

0

Time-->

11.70 11.80 11.90



#86

p-Isopropyltoluene

Concen: 5.33 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002620.D

Acq: 16 Jun 2018 01:55

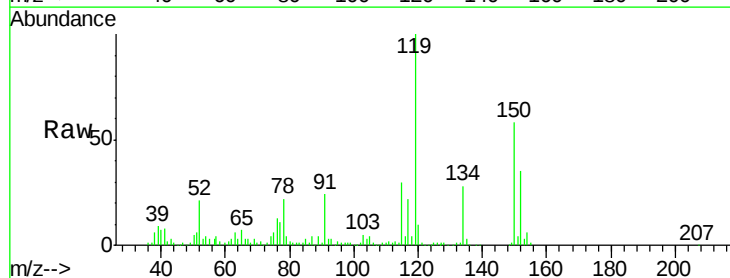
Tgt Ion:119 Resp: 60958

Ion Ratio Lower Upper

119 100

134 25.6 13.4 40.1

91 24.5 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

150000

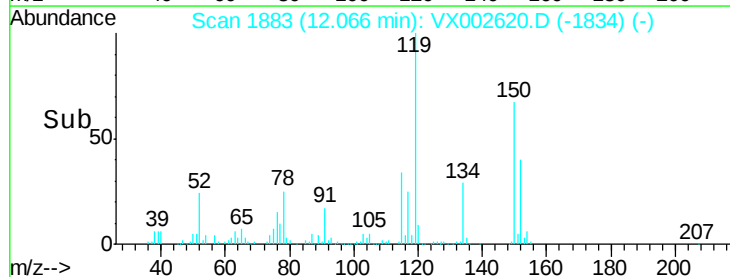
100000

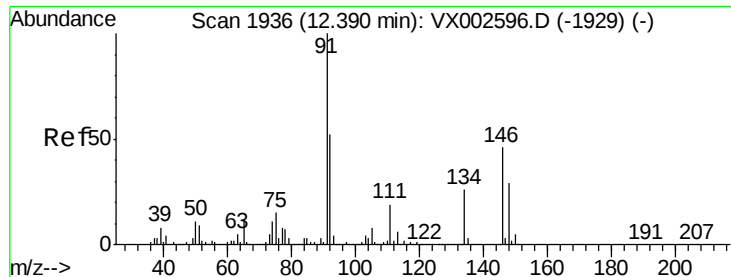
50000

0

Time-->

12.05 12.10

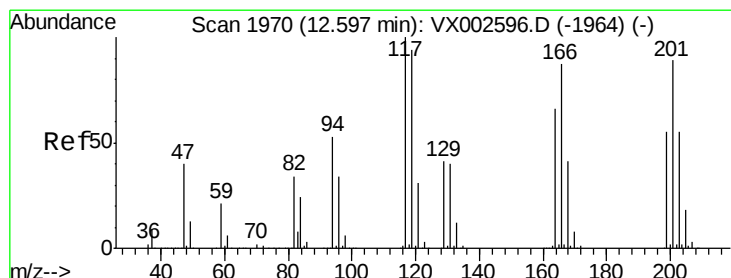
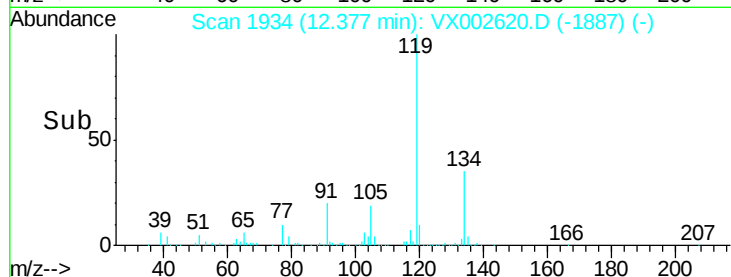
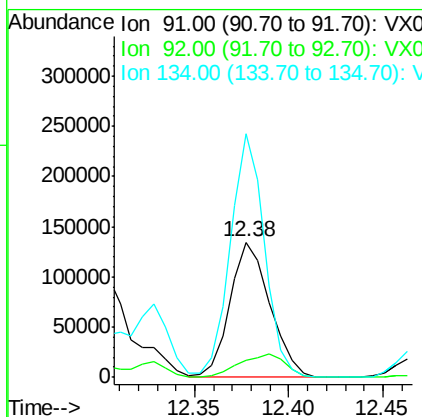
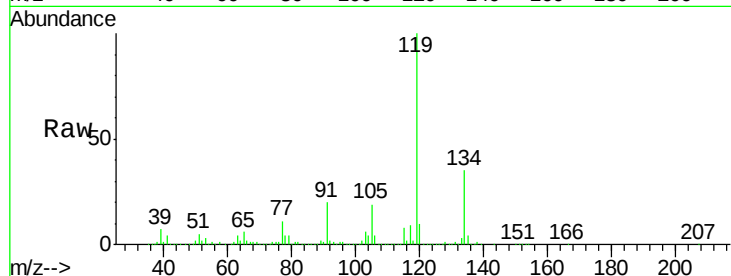




#89
n-Butylbenzene
Concen: 19.48 ug/l
RT: 12.38 min Scan# 1934
Delta R.T. -0.01 min
Lab File: VX002620.D
Acq: 16 Jun 2018 01:55

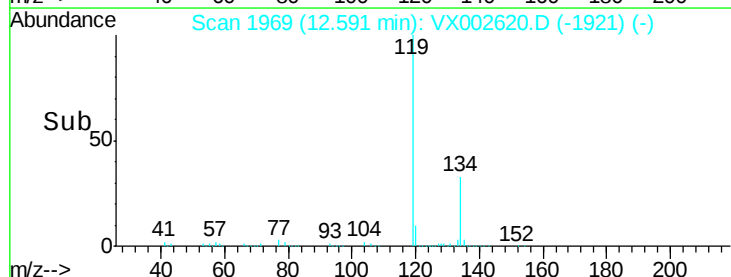
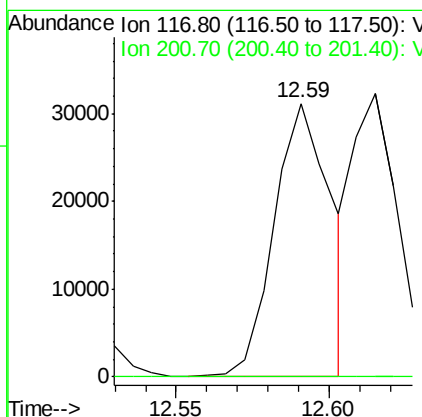
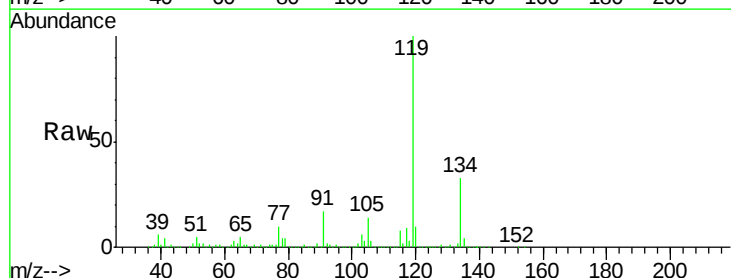
Instrument :
MSVOA_X
ClientSampled :

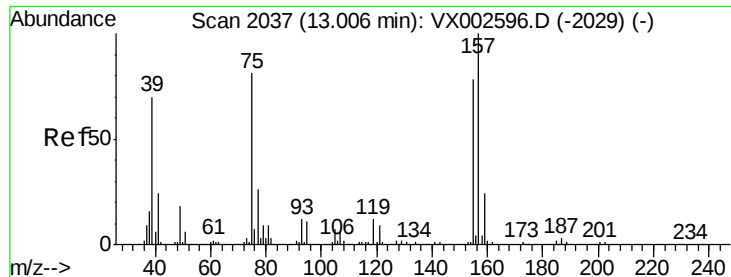
Tot Ion: 91 Resp: 196393
Ion Ratio Lower Upper
91 100
92 19.8 26.0 78.0#
134 154.6 13.5 40.5#



#90
Hexachloroethane
Concen: 23.88 ug/l
RT: 12.59 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VX002620.D
Acq: 16 Jun 2018 01:55

Tgt Ion: 117 Resp: 39951
Ion Ratio Lower Upper
117 100
201 0.0 49.0 147.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 6.20 ug/l

RT: 12.98 min Scan# 2033

Delta R.T. -0.02 min

Lab File: VX002620.D

Acq: 16 Jun 2018 01:55

Instrument :

MSVOA_X

ClientSampleId :

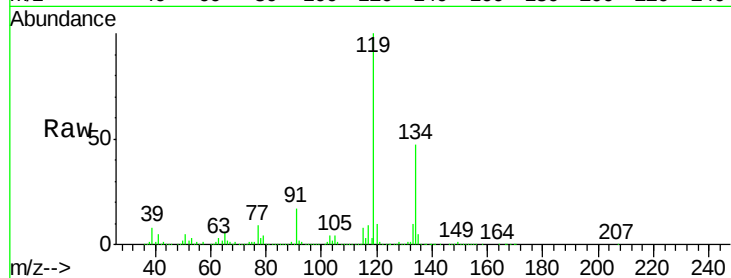
Tot Ion: 75 Resp: 4785

Ion Ratio Lower Upper

75 100

155 15.7 45.8 137.4#

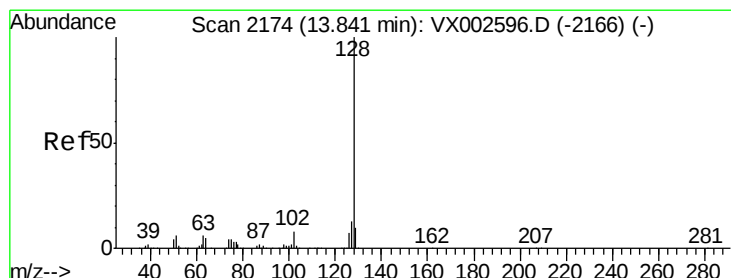
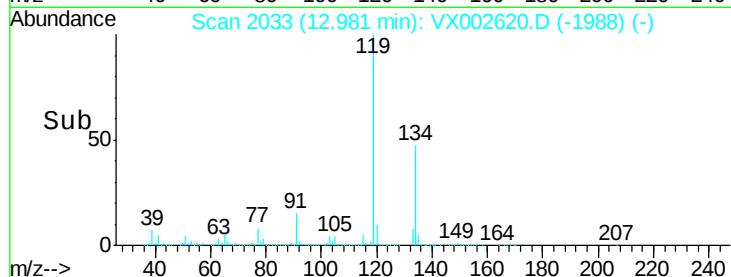
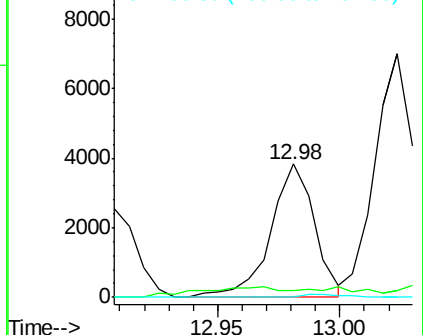
157 2.1 60.1 180.3#



Abundance Ion 74.90 (74.60 to 75.60): VX

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 139.10 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002620.D

Acq: 16 Jun 2018 01:55

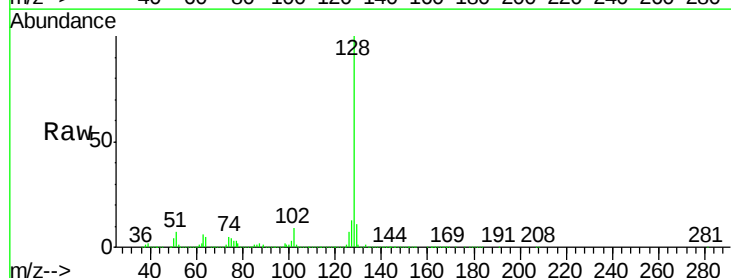
Tgt Ion:128 Resp: 1742613

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 11.7 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

