

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
 Data File : VX002689.D
 Acq On : 18 Jun 2018 19:41
 Operator : JC/MD
 Sample : J3534-01 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 19 05:02:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	42056	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	232712	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	204794	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	95793	29.83	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.43%
60) 4-Bromofluorobenzene	11.14	95	94846	28.04	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.47%
63) Toluene-d8	8.72	98	265799	29.71	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.03%

Target Compounds

					Ovalue	
2) Dichlorodifluoromethane	1.20	85	122	0.06	ug/l	# 1
3) Chloromethane	1.53	50	37	0.02	ug/l	96
4) Vinyl Chloride	1.20	62	217	0.09	ug/l	97
5) Bromomethane	1.65	94	1356	0.96	ug/l	89
6) Chloroethane	1.39	64	19674	12.05	ug/l	# 54
7) Trichlorofluoromethane	1.92	101	150	0.03	ug/l	# 41
8) Diethyl Ether	2.19	74	79	0.05	ug/l	31
9) 1,1,2-Trichlorotrifluoroet	2.39	101	187	0.08	ug/l	60
10) 1,1-Dichloroethene	2.29	96	46	0.02	ug/l	# 1
11) Methyl Iodide	2.52	142	3097	1.24	ug/l	# 92
12) Methyl Acetate	2.79	43	4722	1.34	ug/l	93
13) Acrolein	2.30	56	1022	4.07	ug/l	85
14) Acrylonitrile	3.17	53	325	0.24	ug/l	# 34
15) Acetone	2.45	58	88225	239.18	ug/l	95
16) Carbon Disulfide	2.73	76	239	0.04	ug/l	96
17) Allyl chloride	3.06	41	151	0.03	ug/l	74
18) Methylene Chloride	2.87	84	905	0.36	ug/l	# 67
19) trans-1,2-Dichloroethene	3.16	96	44	0.02	ug/l	# 61
20) Diisopropyl ether	3.88	45	3988	0.49	ug/l	98
21) 1,1-Dichloroethane	3.68	63	57	0.01	ug/l	# 84
22) cis-1,2-Dichloroethene	4.60	96	78	0.03	ug/l	# 1
23) tert-Butyl Alcohol	3.10	59	135	0.22	ug/l	# 52
24) Methyl tert-Butyl Ether	3.21	73	103	0.01	ug/l	# 1
25) Chloroform	5.22	83	8882	2.04	ug/l	92
26) Cyclohexane	5.57	56	140	0.04	ug/l	# 84
29) 1,1-Dichloropropene	5.79	75	123	0.04	ug/l	# 62
30) 2-Butanone	4.72	43	5541	3.08	ug/l	# 92
31) 2,2-Dichloropropane	4.57	77	47	0.01	ug/l	# 52
33) Carbon Tetrachloride	5.69	117	50	0.01	ug/l	# 14
34) Benzene	6.15	78	549	0.06	ug/l	# 45
35) Methacrylonitrile	5.07	41	111	0.06	ug/l	# 26
36) 1,2-Dichloroethane	6.20	62	263	0.07	ug/l	# 77
37) Trichloroethene	7.23	130	158	0.06	ug/l	# 1
38) Methylcyclohexane	7.46	83	388	0.10	ug/l	74
39) 1,2-Dichloropropane	7.24	63	44	0.02	ug/l	# 46
41) Bromodichloromethane	7.90	83	603	0.19	ug/l	# 96
42) Vinyl Acetate	3.82	43	189	0.03	ug/l	# 76

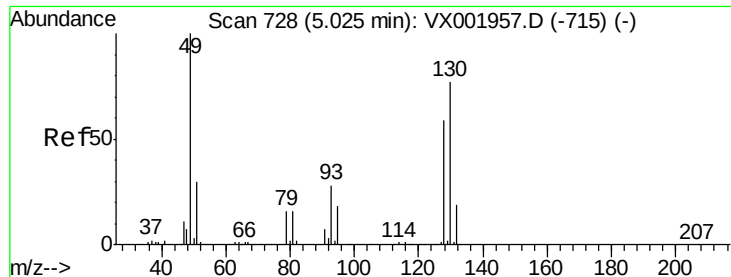
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
 Data File : VX002689.D
 Acq On : 18 Jun 2018 19:41
 Operator : JC/MD
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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 19 05:02:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.88	43	284	0.08	ug/l	94
44) Isopropyl Acetate	6.42	43	135	0.02	ug/l	98
45) 1,4-Dioxane	7.77	88	149	2.64	ug/l #	1
46) Methyl methacrylate	7.79	41	162	0.06	ug/l	81
47) n-amyl Acetate	10.89	43	163	0.03	ug/l #	94
48) t-1,3-Dichloropropene	8.45	75	86	0.02	ug/l #	49
49) cis-1,3-Dichloropropene	9.06	75	99	0.03	ug/l #	6
50) 1,1,2-Trichloroethane	9.13	97	38	0.02	ug/l #	14
51) Ethyl methacrylate	9.25	69	235	0.06	ug/l	97
52) 1,3-Dichloropropane	9.18	76	34	0.01	ug/l #	1
53) Dibromochloromethane	9.59	129	51	0.02	ug/l	98
54) 1,2-Dibromoethane	9.68	107	77	0.03	ug/l	94
55) 2-Chloroethyl vinyl ether	8.33	63	50	0.03	ug/l #	6
56) Bromoform	11.15	173	1302	0.62	ug/l #	1
58) 4-Methyl-2-Pentanone	8.65	43	271	0.08	ug/l #	77
59) 2-Hexanone	9.51	43	904	0.34	ug/l #	85
61) Tetrachloroethene	9.34	164	236	0.08	ug/l	89
62) Toluene	8.79	91	1553	0.16	ug/l	91
64) Chlorobenzene	10.15	112	366	0.06	ug/l #	80
66) Ethyl Benzene	10.26	91	1087	0.10	ug/l	94
67) m/p-Xylenes	10.36	106	1612	0.37	ug/l	100
68) o-Xylene	10.70	106	722	0.17	ug/l	97
69) Styrene	10.73	104	366	0.05	ug/l #	51
70) Isopropylbenzene	11.02	105	570	0.05	ug/l	91
71) 1,1,2,2-Tetrachloroethane	11.28	83	90	0.03	ug/l #	25
72) 1,2,3-Trichloropropane	11.24	75	39	0.01	ug/l #	1
73) Bromobenzene	11.26	156	110	0.03	ug/l	45
74) n-propylbenzene	11.36	91	1125	0.08	ug/l	86
75) 2-Chlorotoluene	11.43	91	533	0.07	ug/l	91
76) 1,3,5-Trimethylbenzene	11.51	105	760	0.08	ug/l	86
77) t-1,4-Dichloro-2-butene	11.09	75	50	0.05	ug/l #	11
78) 4-Chlorotoluene	11.52	91	852	0.09	ug/l	96
79) tert-butylbenzene	12.07	119	716	0.07	ug/l	85
80) 1,2,4-Trimethylbenzene	11.82	105	1626	0.16	ug/l	80
81) sec-Butylbenzene	11.95	105	649	0.05	ug/l	74
82) p-Isopropyltoluene	12.07	119	716	0.07	ug/l	85
83) 1,3-Dichlorobenzene	12.03	146	563	0.09	ug/l	96
84) 1,4-Dichlorobenzene	12.03	146	563	0.09	ug/l	95
85) n-Butylbenzene	12.39	91	1521	0.16	ug/l	95
86) Hexachloroethane	12.76	117	46	0.03	ug/l #	2
87) 1,2-Dichlorobenzene	12.40	146	487	0.08	ug/l	93
88) 1,2-Dibromo-3-Chloropropan	13.10	75	58	0.07	ug/l #	20
89) 1,2,4-Trichlorobenzene	14.02	180	480	0.11	ug/l	93
90) Hexachlorobutadiene	13.79	225	311	0.13	ug/l	56
91) Naphthalene	13.84	128	2272	0.19	ug/l #	95
92) 1,2,3-Trichlorobenzene	14.02	180	480	0.11	ug/l	94

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



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.01 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

Instrument :

MSVOA_X

ClientSampled :

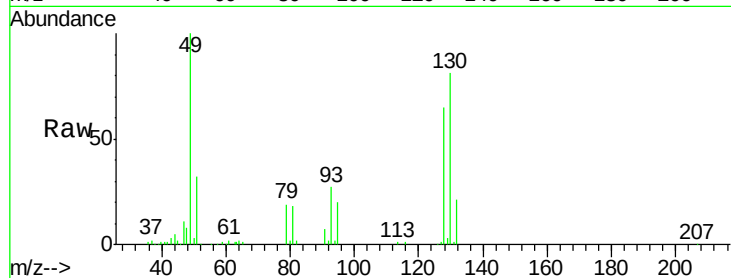
Tot Ion:128 Resp: 42056

Ion Ratio Lower Upper

128 100

49 155.5 0.0 423.0

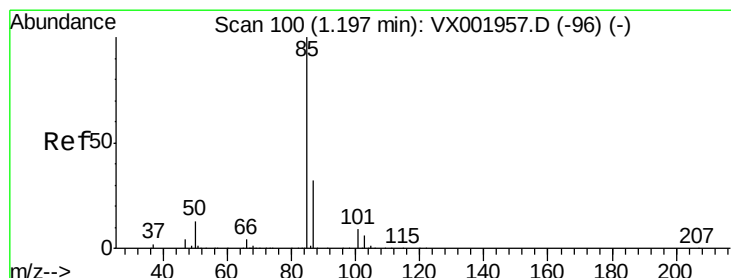
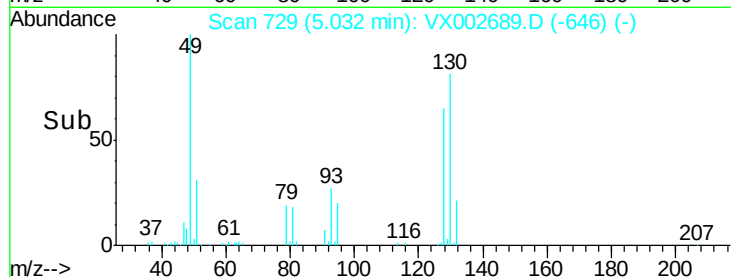
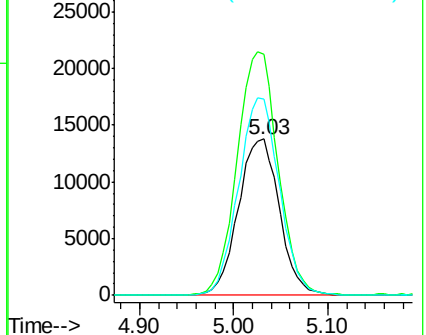
130 125.8 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.06 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002689.D

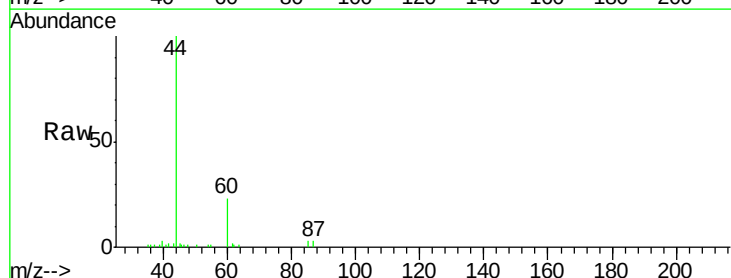
Acq: 18 Jun 2018 19:41

Tgt Ion: 85 Resp: 122

Ion Ratio Lower Upper

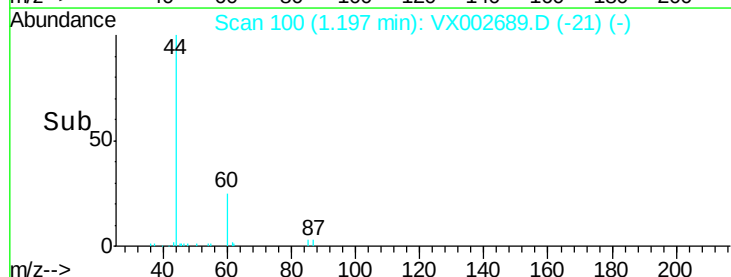
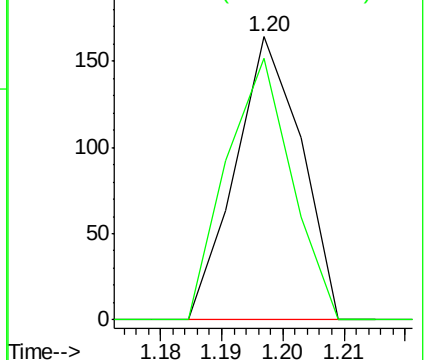
85 100

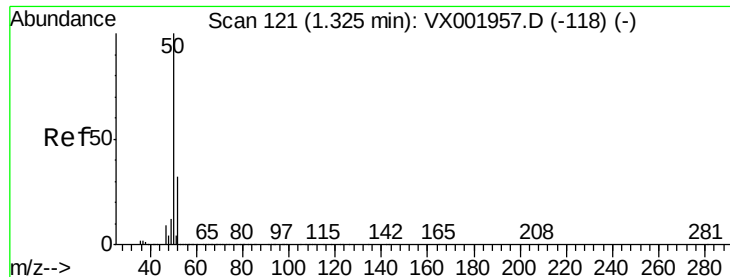
87 92.7 16.2 48.5#



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 0.02 ug/l

RT: 1.53 min Scan# 155

Delta R.T. 0.21 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

Instrument :

MSVOA_X

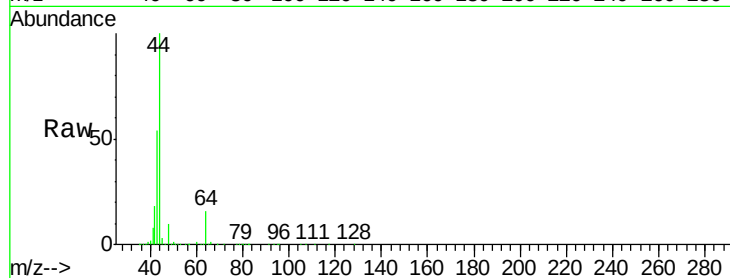
ClientSampleId :

Tot Ion: 50 Resp: 37

Ion Ratio Lower Upper

50 100

52 29.7 25.6 38.4



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

1.53

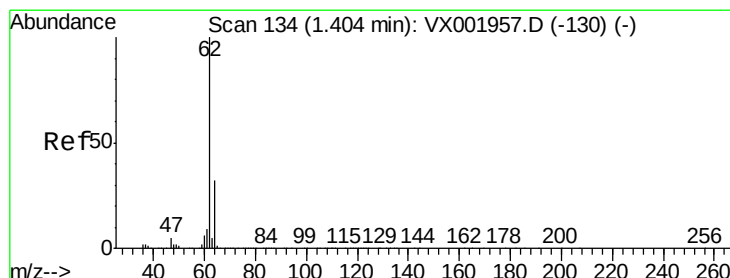
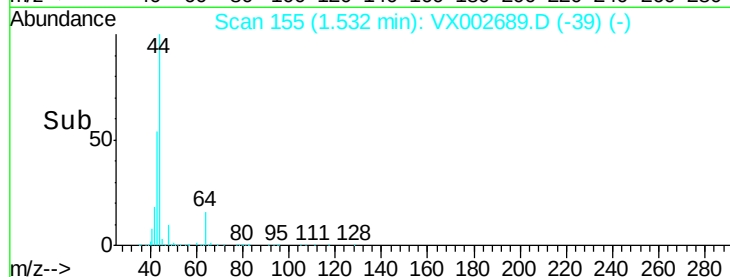
300

200

100

0

Time--> 1.52 1.52 1.53 1.53 1.54



#4

Vinyl Chloride

Concen: 0.09 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.21 min

Lab File: VX002689.D

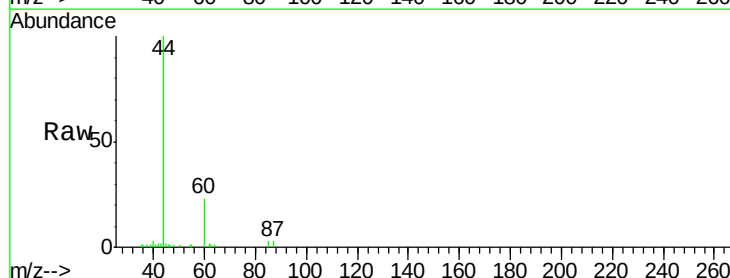
Acq: 18 Jun 2018 19:41

Tgt Ion: 62 Resp: 217

Ion Ratio Lower Upper

62 100

64 33.1 25.3 37.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0

1.20

200

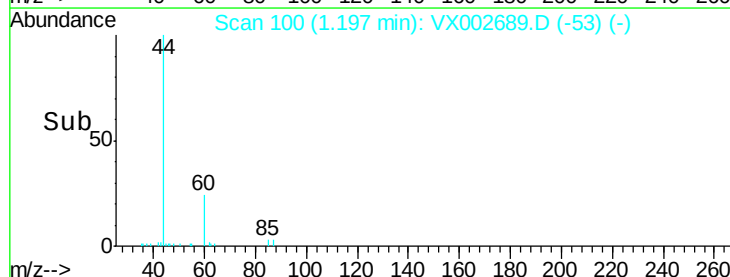
150

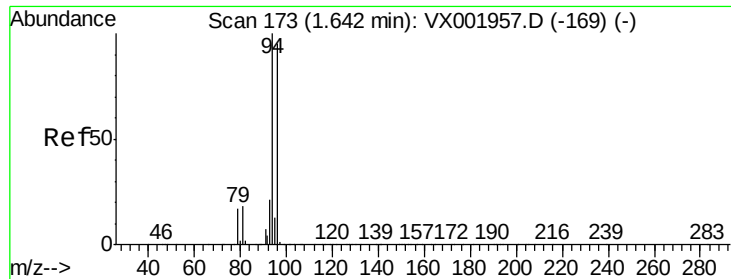
100

50

0

Time--> 1.18 1.20 1.22





#5

Bromomethane

Concen: 0.96 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

Instrument :

MSVOA_X

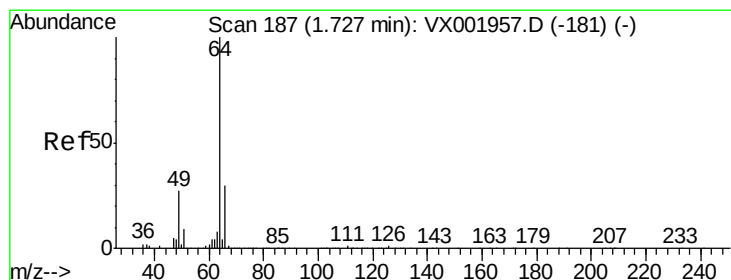
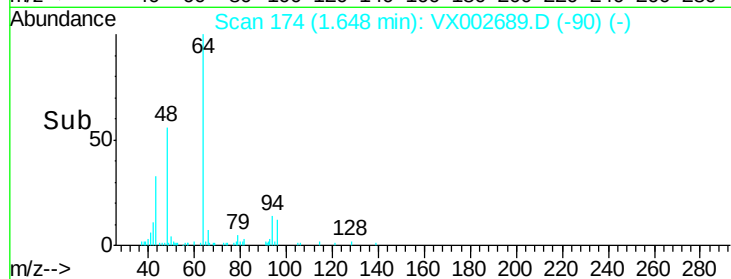
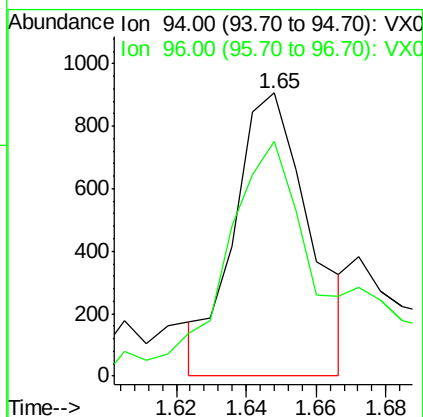
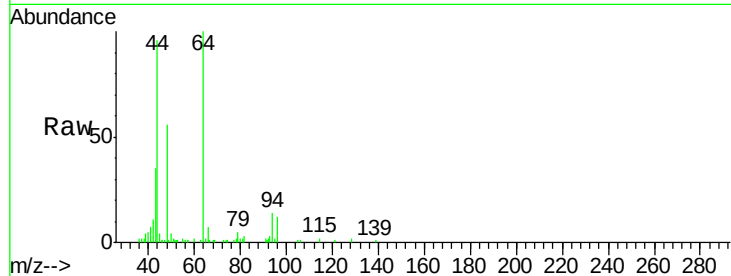
ClientSampled :

Tot Ion: 94 Resp: 1356

Ion Ratio Lower Upper

94 100

96 84.0 75.7 113.5



#6

Chloroethane

Concen: 12.05 ug/l

RT: 1.39 min Scan# 131

Delta R.T. -0.32 min

Lab File: VX002689.D

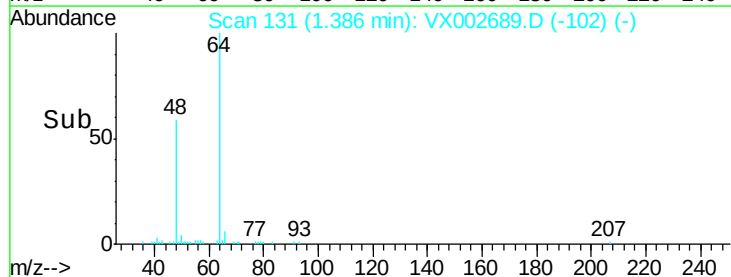
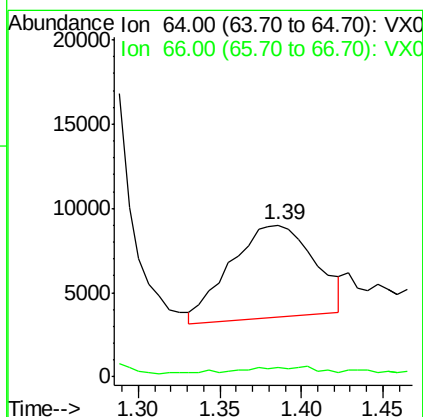
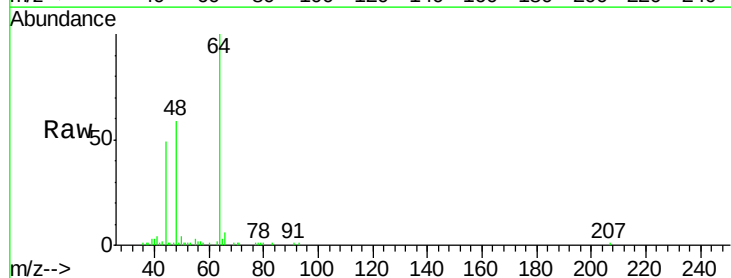
Acq: 18 Jun 2018 19:41

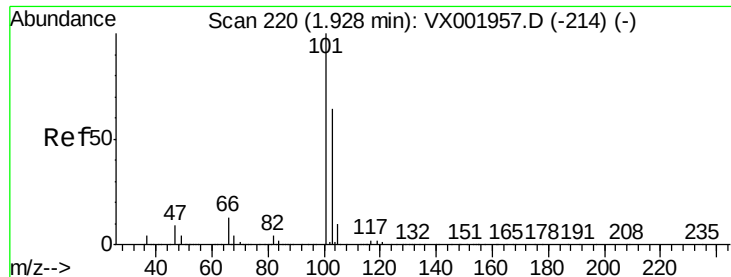
Tgt Ion: 64 Resp: 19674

Ion Ratio Lower Upper

64 100

66 5.5 24.3 36.5#



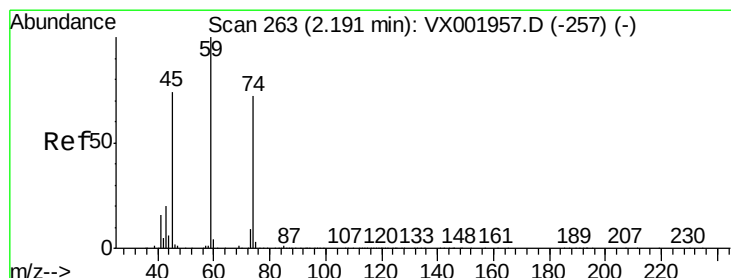
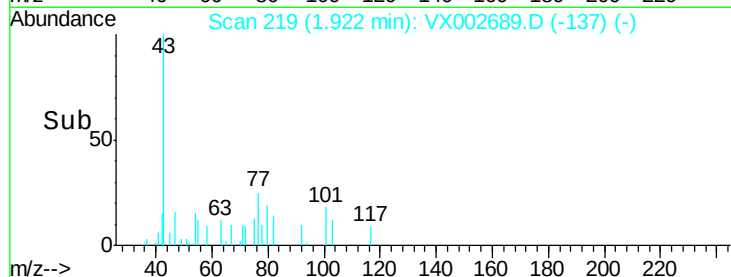
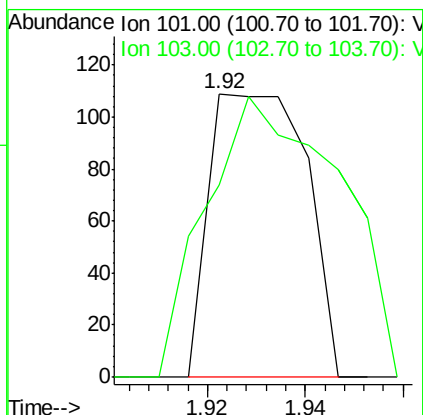
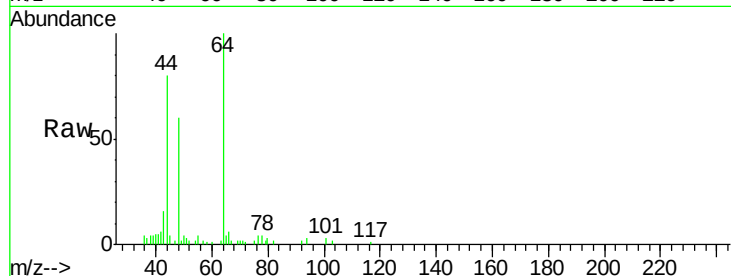


#7

Trichlorofluoromethane
Concen: 0.03 ug/l
RT: 1.92 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

Instrument :
MSVOA_X
ClientSampleId :

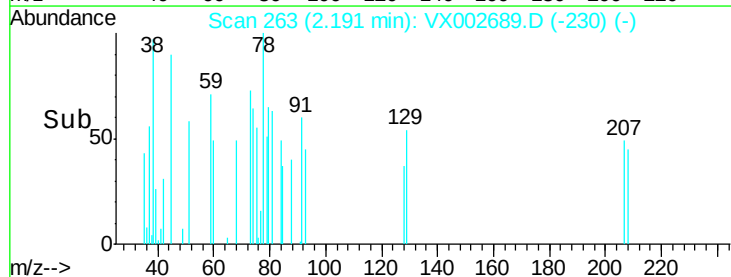
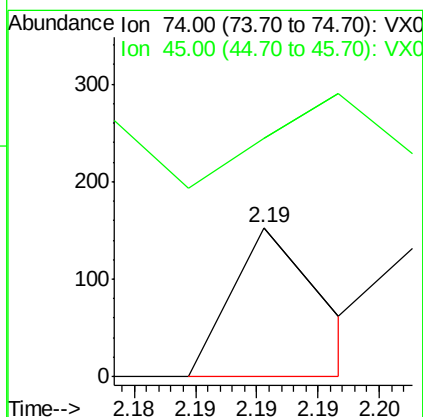
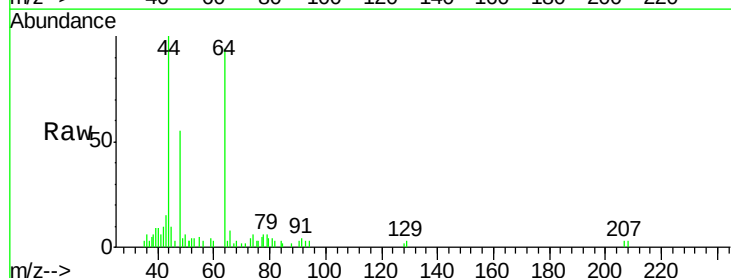
Tot Ion: 101 Resp: 150
Ion Ratio Lower Upper
101 100
103 18.3 51.5 77.3#

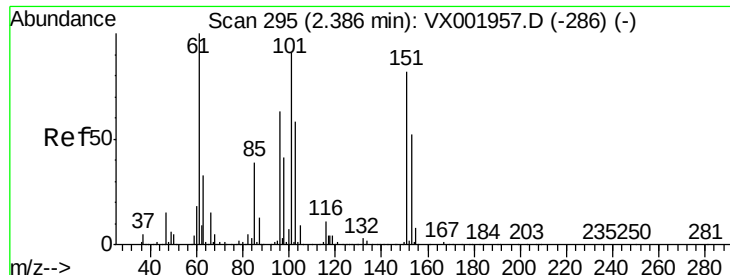


#8

Diethyl Ether
Concen: 0.05 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

Tgt Ion: 74 Resp: 79
Ion Ratio Lower Upper
74 100
45 172.2 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.08 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002689.D

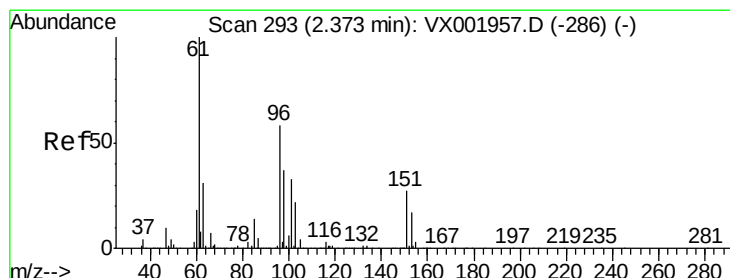
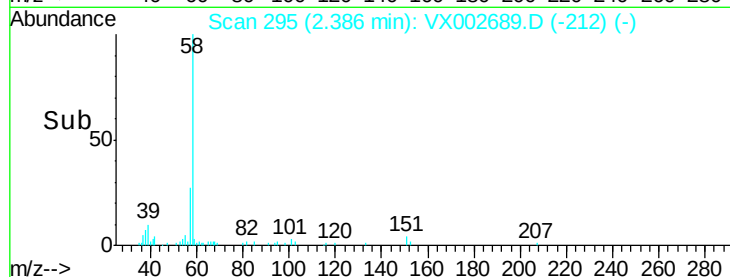
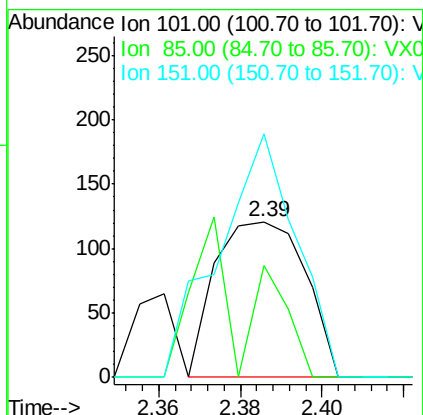
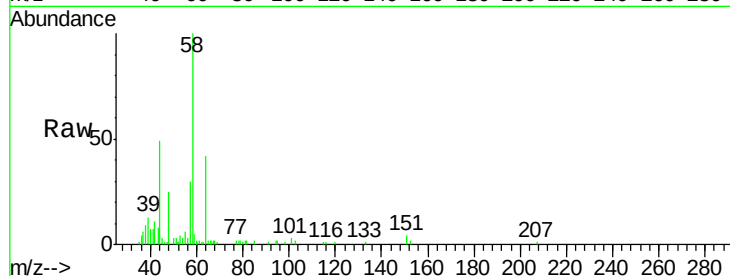
Acq: 18 Jun 2018 19:41

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	101	Resp:	187
Ion	Ratio	Lower	Upper
101	100		
85	27.3	0.0	87.0
151	133.2	0.0	177.6



#10

1,1-Dichloroethene

Concen: 0.02 ug/l

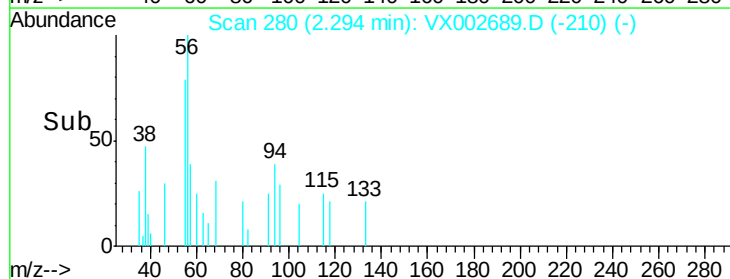
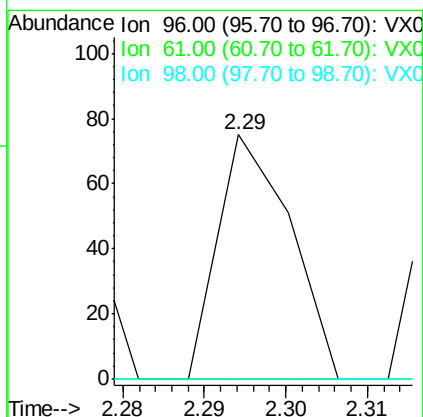
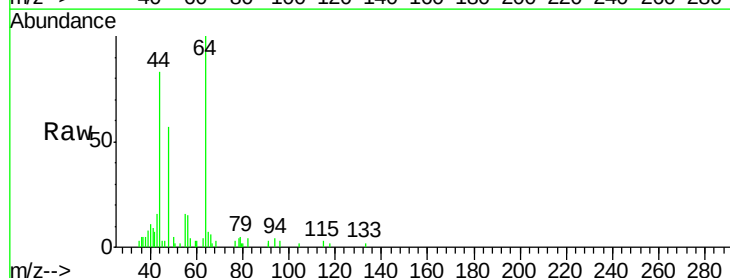
RT: 2.29 min Scan# 280

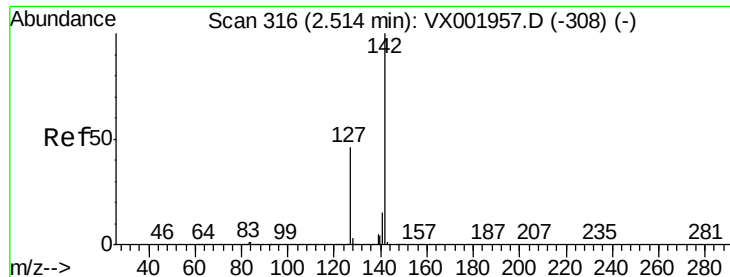
Delta R.T. -0.07 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

Tgt Ion:	96	Resp:	46
Ion	Ratio	Lower	Upper
96	100		
61	0.0	137.5	206.3#
98	0.0	51.4	77.2#

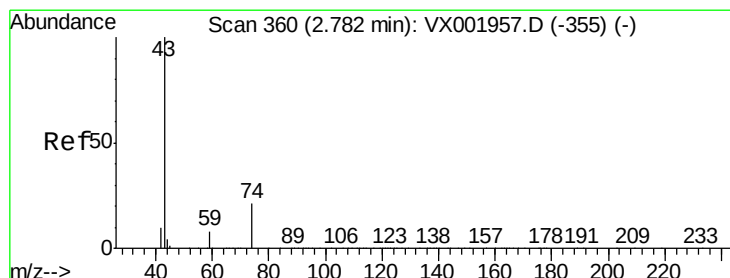
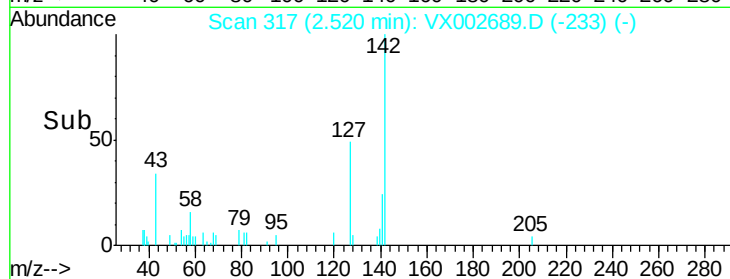
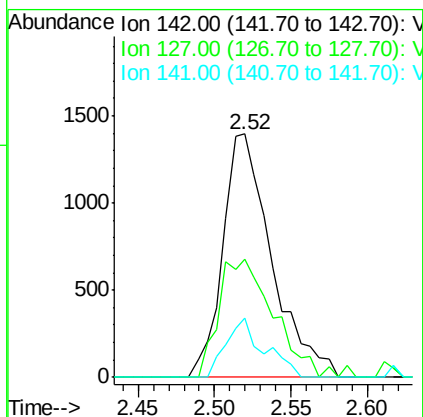
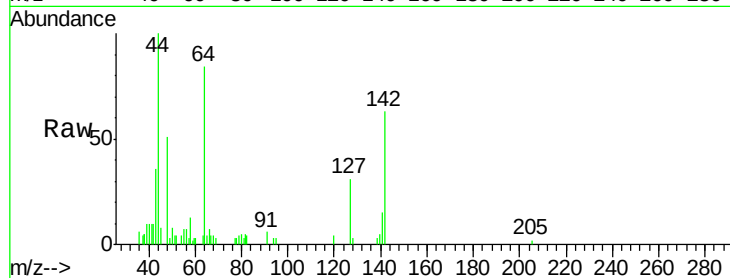




#11
Methyl Iodide
Concen: 1.24 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

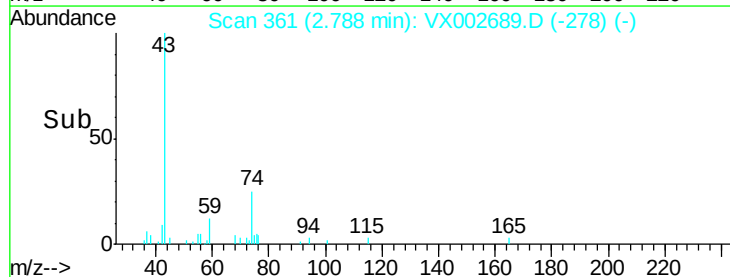
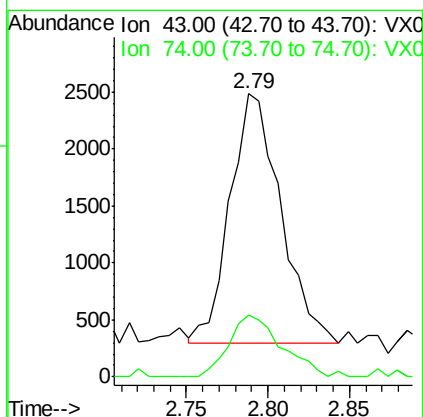
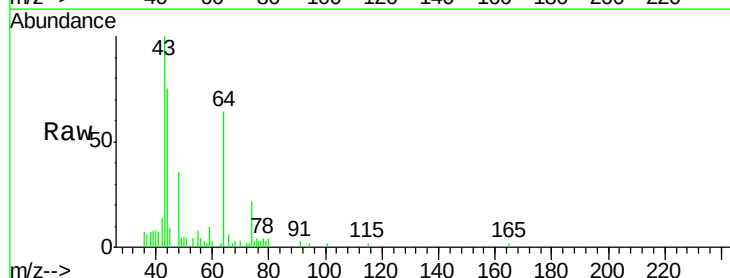
Instrument :
MSVOA_X
ClientSampled :

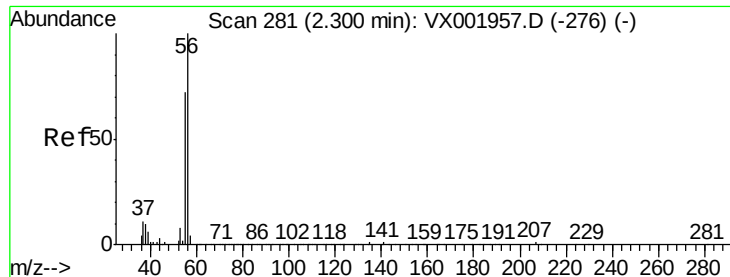
Tot Ion:142 Resp: 3097
Ion Ratio Lower Upper
142 100
127 48.6 23.2 69.6
141 24.1 7.4 22.2#



#12
Methyl Acetate
Concen: 1.34 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

Tgt Ion: 43 Resp: 4722
Ion Ratio Lower Upper
43 100
74 23.9 16.4 24.6





#13

Acrolein

Concen: 4.07 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

Instrument :

MSVOA_X

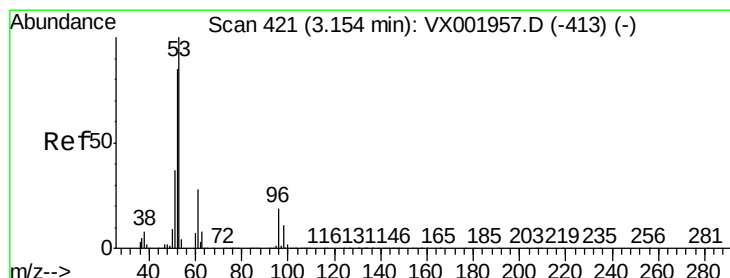
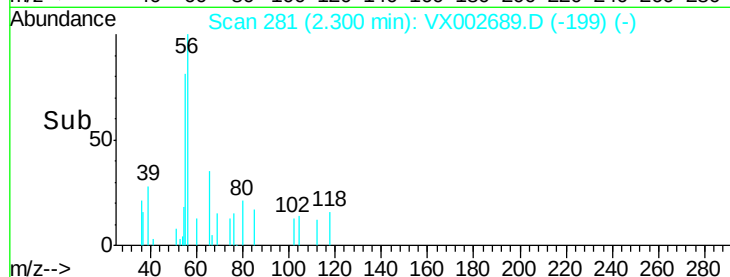
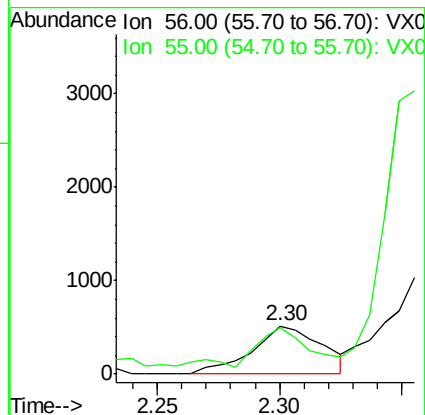
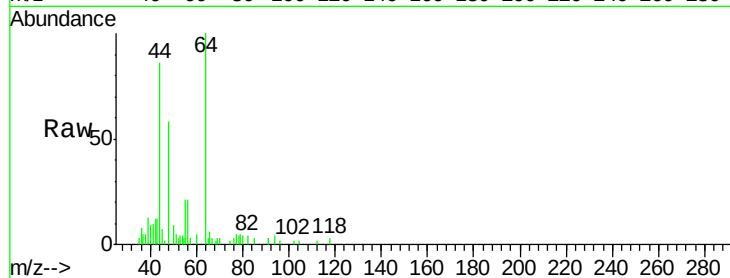
ClientSampleId :

Tot Ion: 56 Resp: 1022

Ion Ratio Lower Upper

56 100

55 59.3 57.3 85.9



#14

Acrylonitrile

Concen: 0.24 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

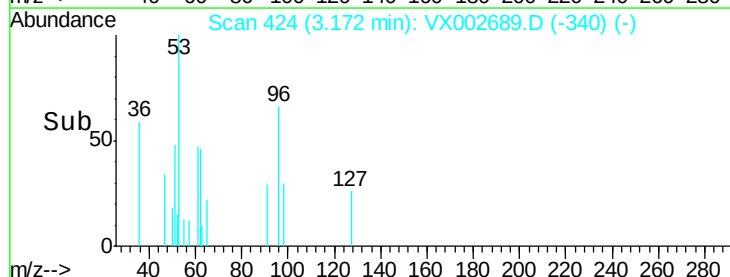
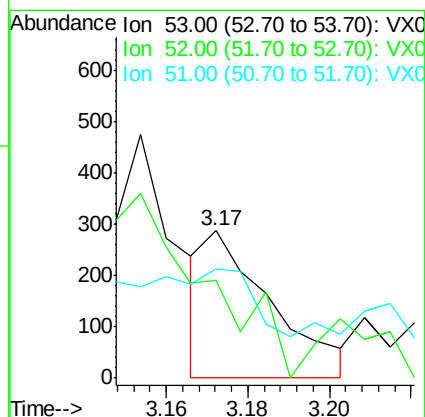
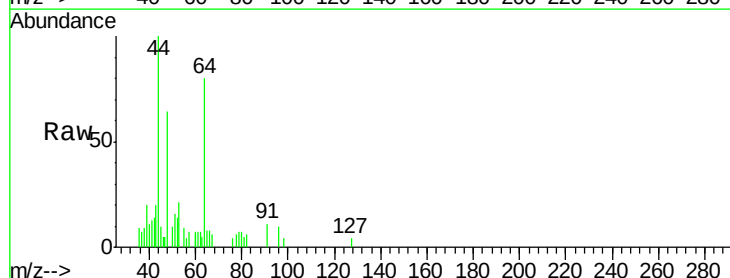
Tgt Ion: 53 Resp: 325

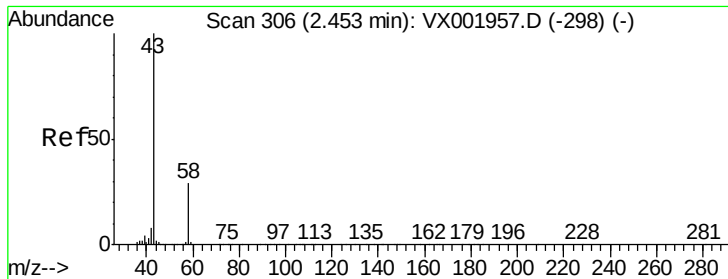
Ion Ratio Lower Upper

53 100

52 0.0 41.5 124.6#

51 33.5 17.9 53.8





#15

Acetone

Concen: 239.18 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.01 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

Instrument :

MSVOA_X

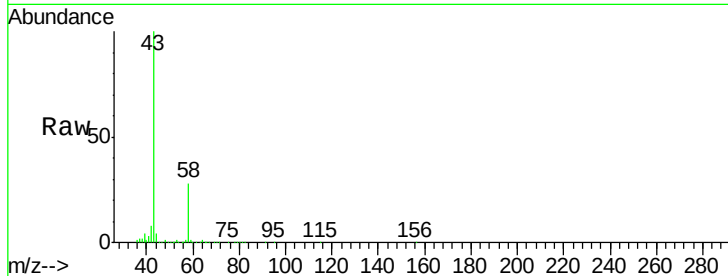
ClientSampleId :

Tot Ion: 58 Resp: 88225

Ion Ratio Lower Upper

58 100

43 358.7 278.8 418.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

200000

150000

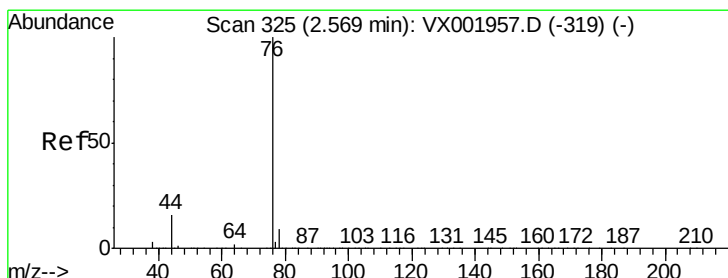
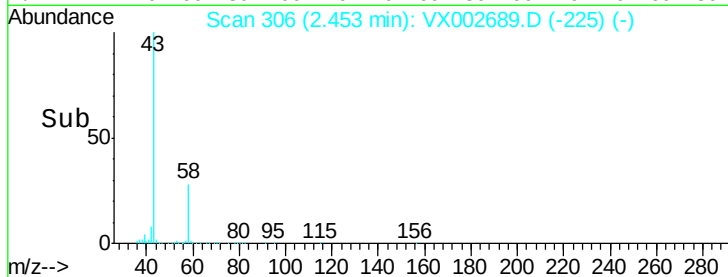
100000

50000

0

2.40 2.45 2.50 2.55

Time-->



#16

Carbon Disulfide

Concen: 0.04 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.16 min

Lab File: VX002689.D

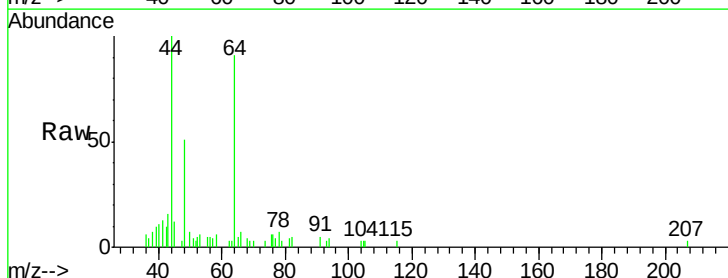
Acq: 18 Jun 2018 19:41

Tgt Ion: 76 Resp: 239

Ion Ratio Lower Upper

76 100

78 7.6 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

250

200

150

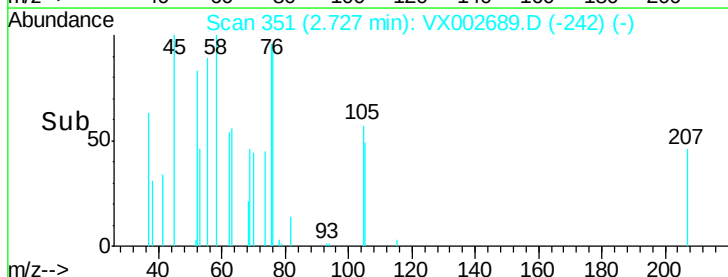
100

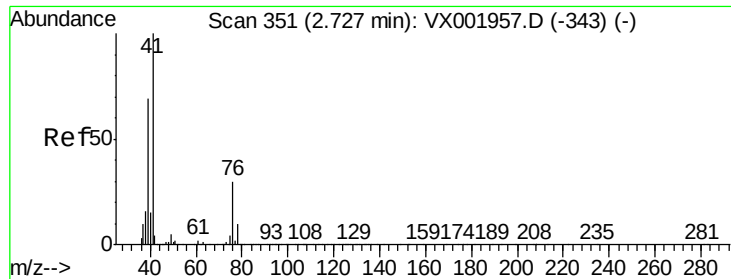
50

0

2.70 2.72 2.74

Time-->

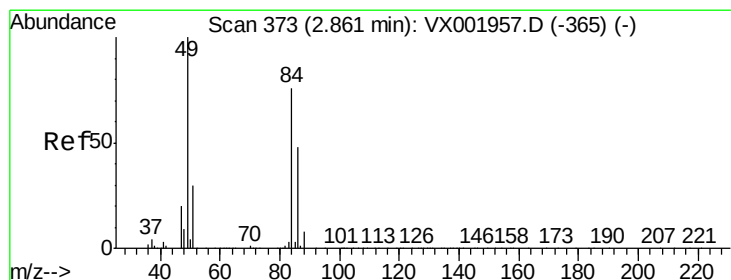
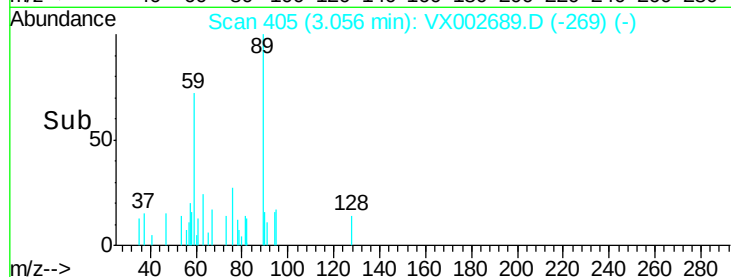
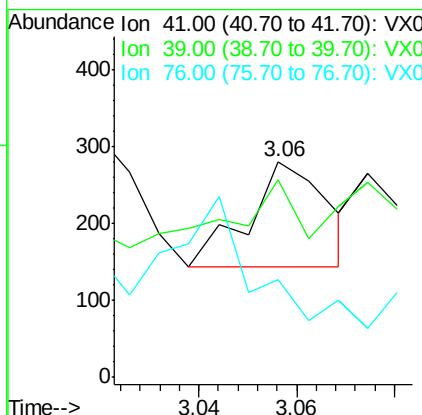
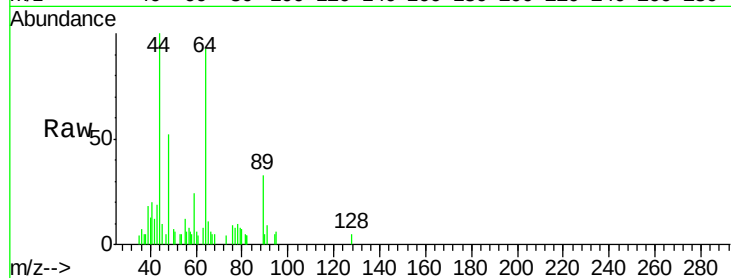




#17
Allvl chloride
Concen: 0.03 ug/l
RT: 3.06 min Scan# 405
Delta R.T. 0.33 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

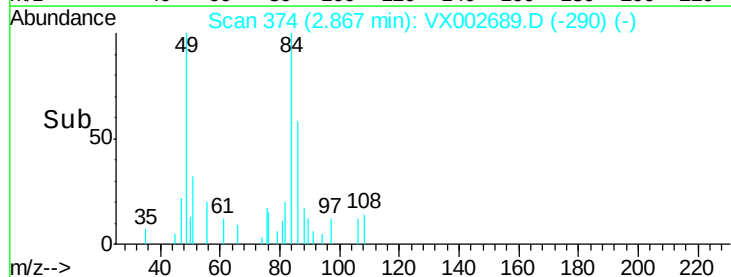
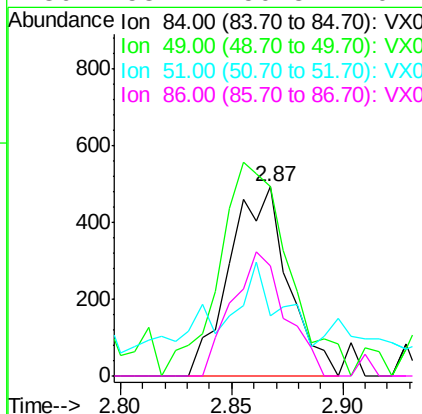
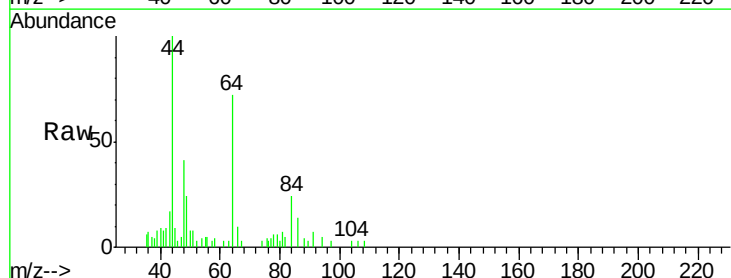
Instrument :
MSVOA_X
ClientSampled :

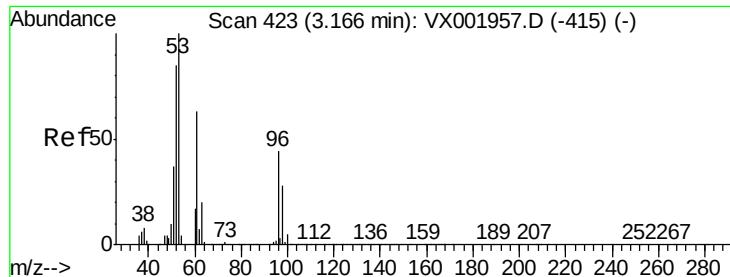
Tot Ion: 41 Resp: 151
Ion Ratio Lower Upper
41 100
39 46.0 34.6 103.8
76 19.0 15.0 45.1



#18
Methylene Chloride
Concen: 0.36 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

Tgt Ion: 84 Resp: 905
Ion Ratio Lower Upper
84 100
49 84.1 104.7 157.1#
51 8.3 31.0 46.4#
86 58.1 50.8 76.2





#19

trans-1,2-Dichloroethene

Concen: 0.02 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

Instrument :

MSVOA_X

ClientSampled :

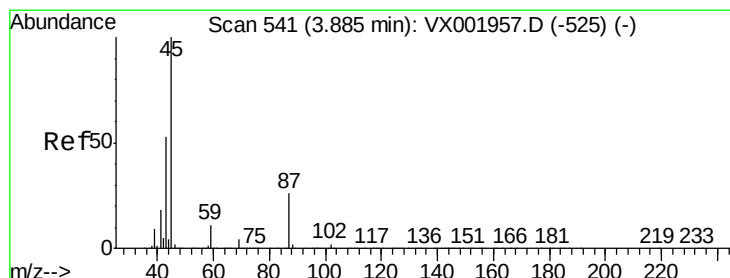
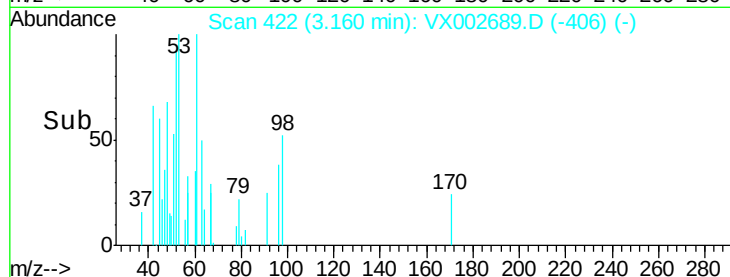
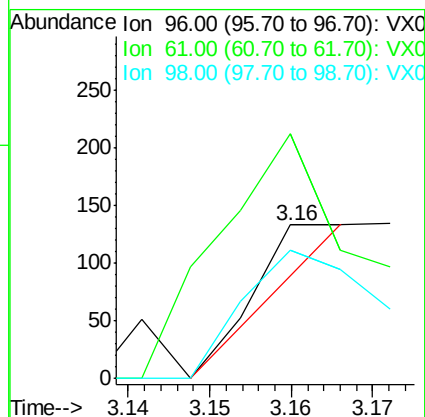
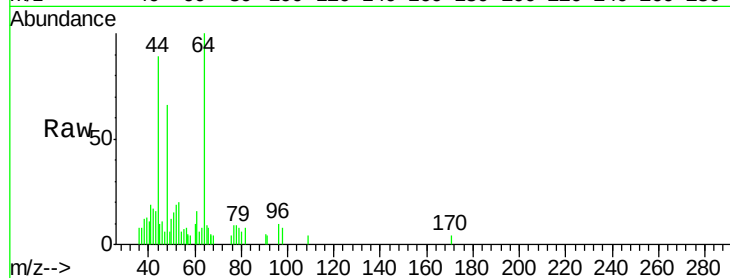
Tot Ion: 96 Resp: 44

Ion Ratio Lower Upper

96 100

61 87.2 114.6 172.0#

98 83.5 51.3 76.9#



#20

Diisopropyl ether

Concen: 0.49 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

Tgt Ion: 45 Resp: 3988

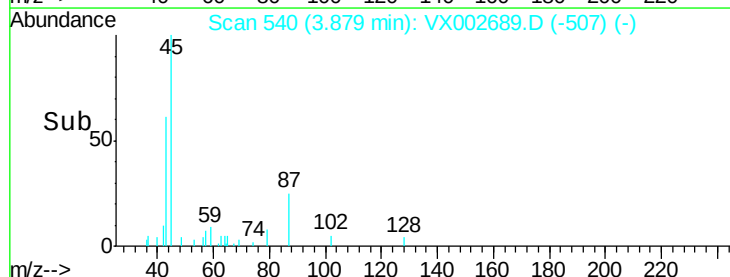
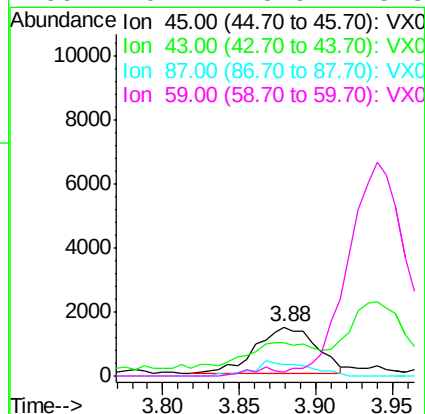
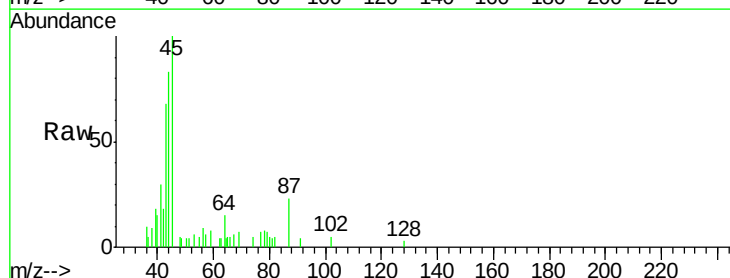
Ion Ratio Lower Upper

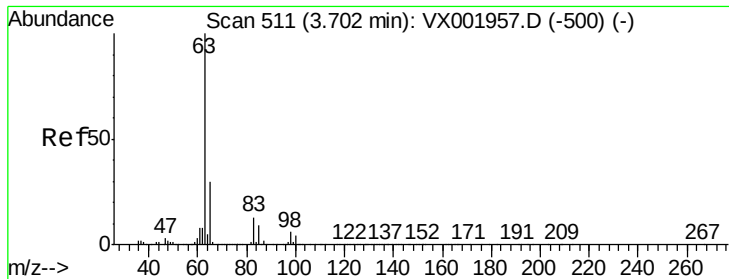
45 100

43 56.1 45.6 68.4

87 24.4 20.7 31.1

59 9.1 8.9 13.3





#21

1,1-Dichloroethane

Concen: 0.01 ug/l

RT: 3.68 min Scan# 508

Delta R.T. -0.01 min

Lab File: VX002689.D

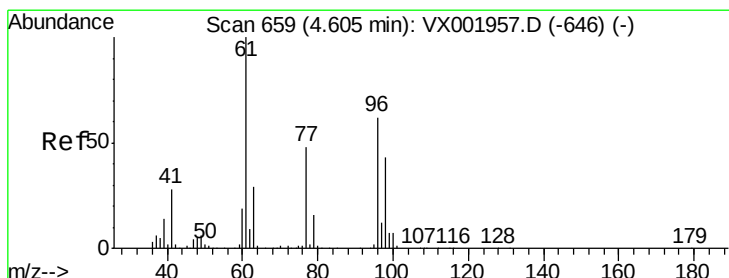
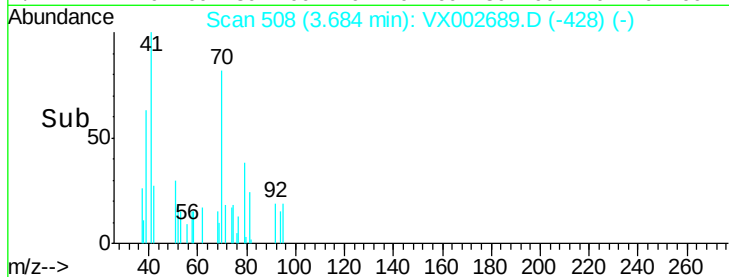
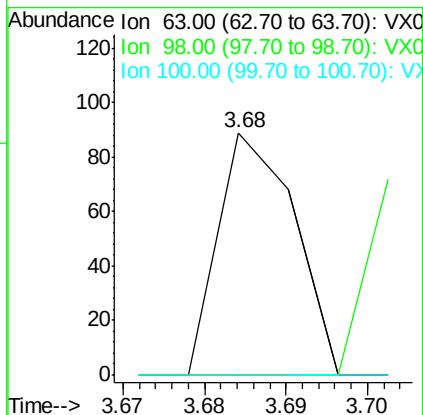
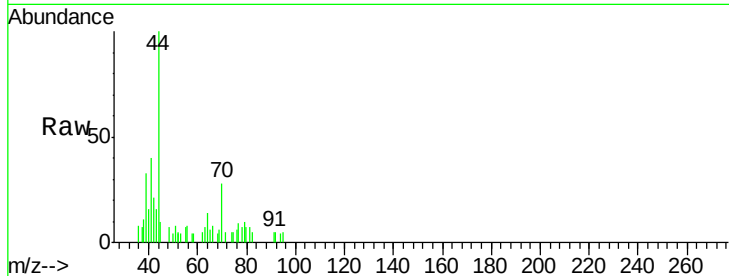
Acq: 18 Jun 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	63	Resp:	57
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.1	9.3#
100	0.0	2.2	6.6#



#22

cis-1,2-Dichloroethene

Concen: 0.03 ug/l

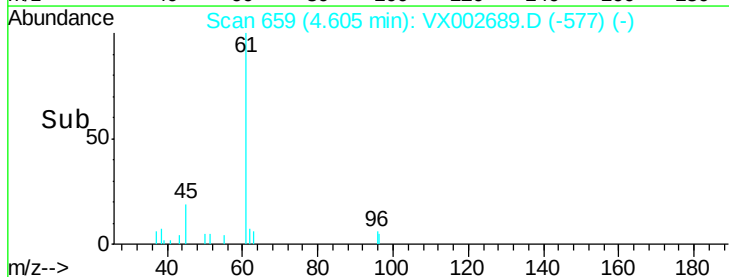
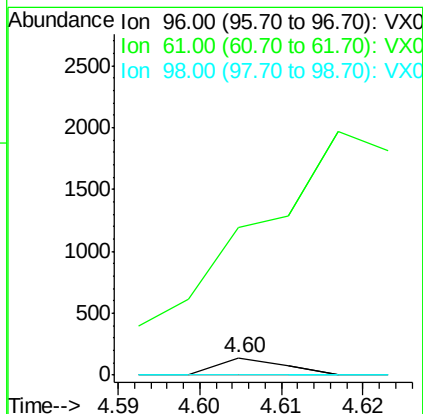
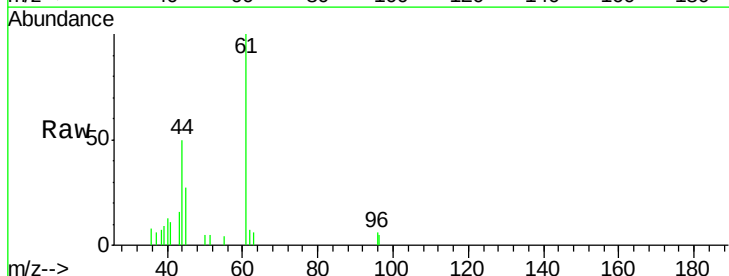
RT: 4.60 min Scan# 659

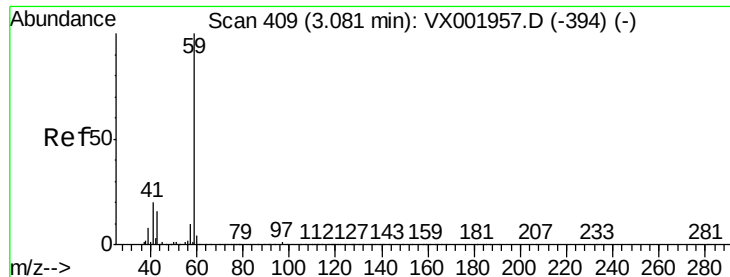
Delta R.T. 0.00 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

Tgt Ion:	96	Resp:	78
Ion	Ratio	Lower	Upper
96	100		
61	10455.1	160.2	240.2#
98	0.0	54.1	81.1#



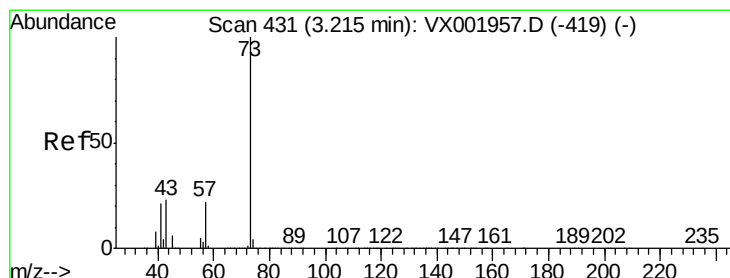
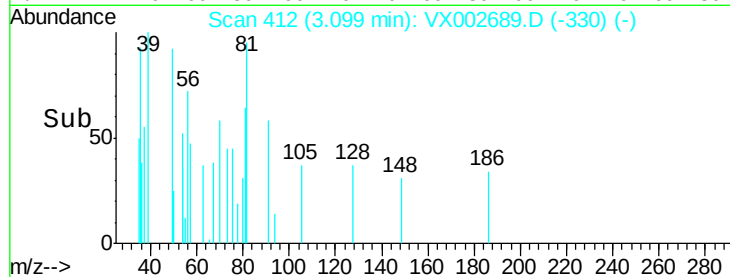
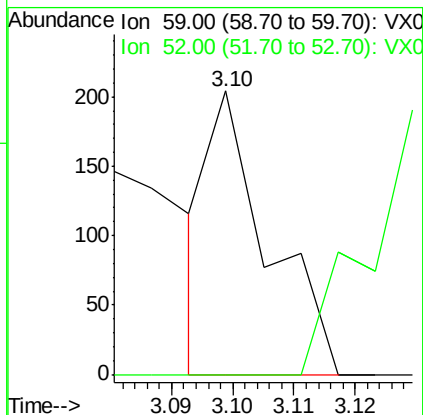
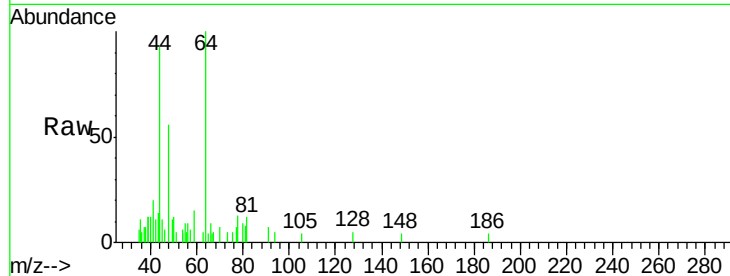


#23

tert-Butyl Alcohol
Concen: 0.22 ug/l
RT: 3.10 min Scan# 412
Delta R.T. 0.00 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

Instrument :
MSVOA_X
ClientSampled :

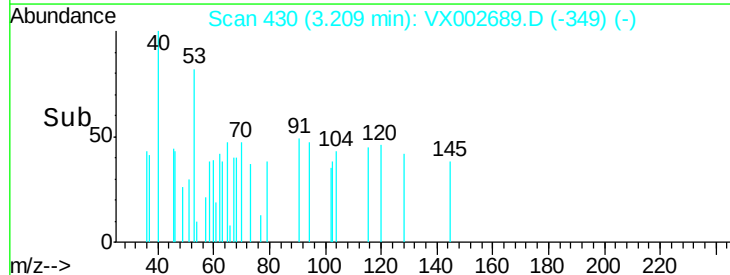
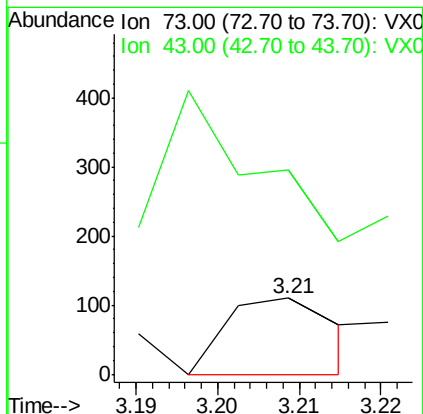
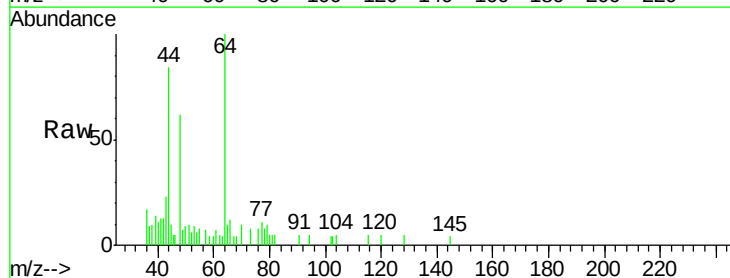
Tot Ion: 59 Resp: 135
Ion Ratio Lower Upper
59 100
52 62.2 0.2 0.2#

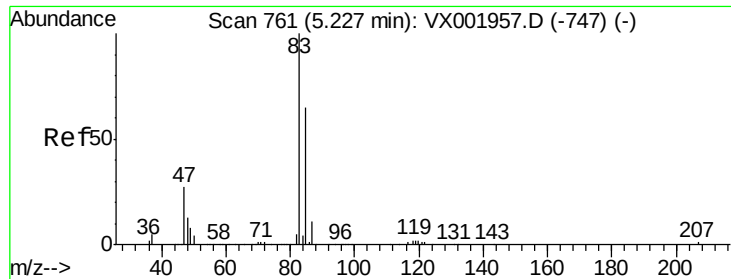


#24

Methyl tert-Butyl Ether
Concen: 0.01 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

Tgt Ion: 73 Resp: 103
Ion Ratio Lower Upper
73 100
43 121.4 19.0 28.4#

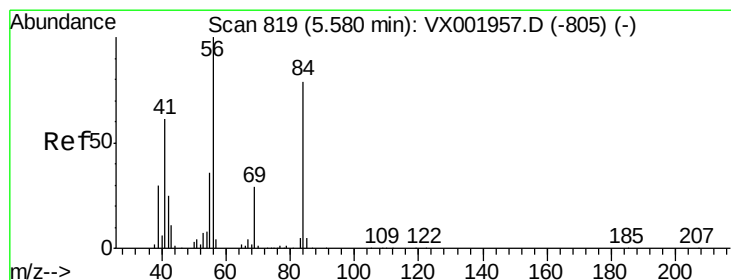
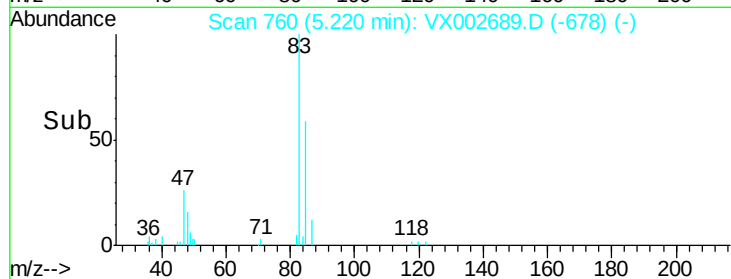
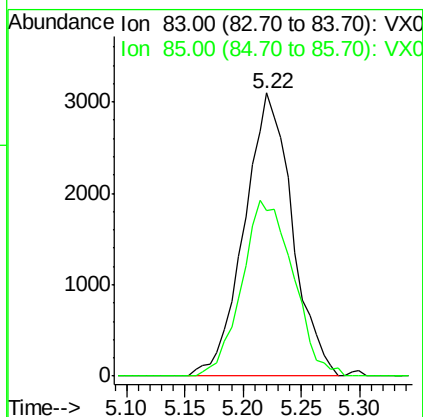
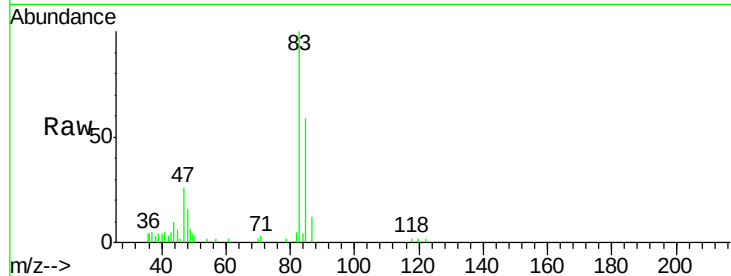




#25
Chloroform
Concen: 2.04 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

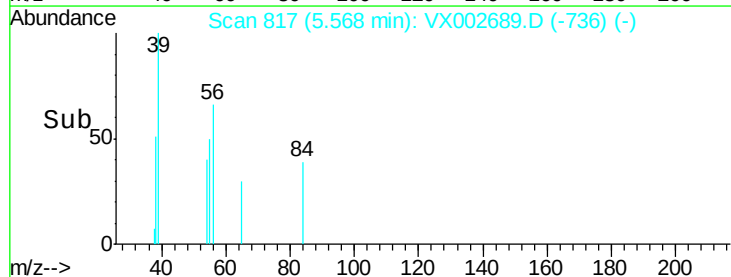
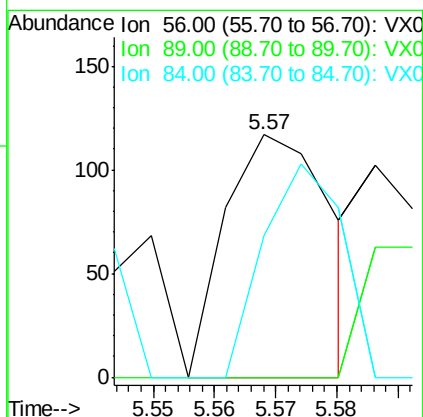
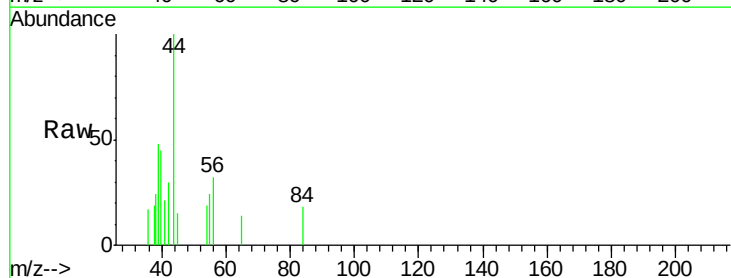
Instrument :
MSVOA_X
ClientSampled :

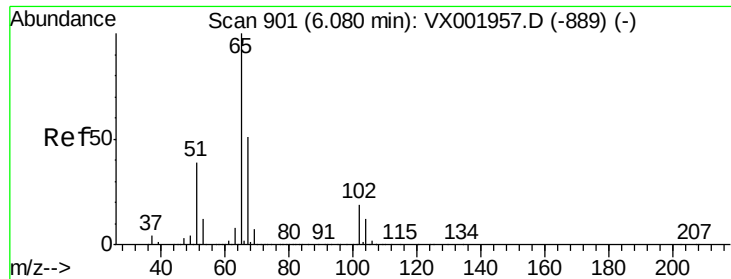
Tot Ion: 83 Resp: 8882
Ion Ratio Lower Upper
83 100
85 58.5 51.9 77.9



#26
Cyclohexane
Concen: 0.04 ug/l
RT: 5.57 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

Tgt Ion: 56 Resp: 140
Ion Ratio Lower Upper
56 100
89 32.9 0.1 0.1#
84 66.4 64.9 97.3

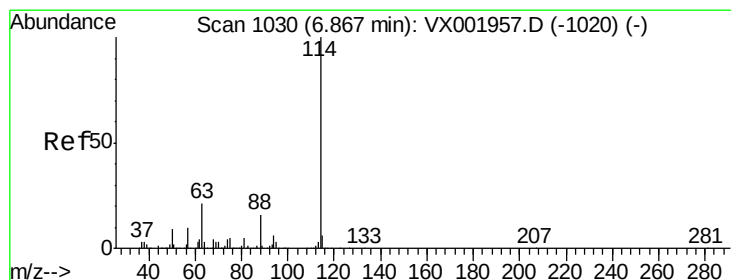
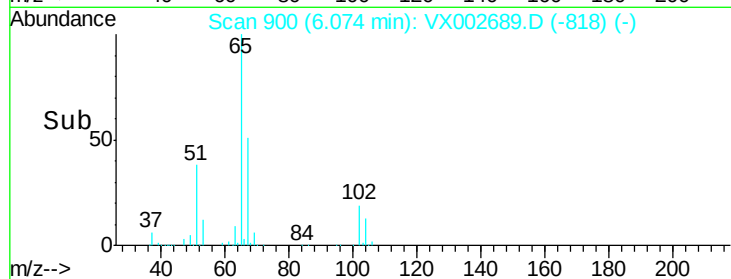
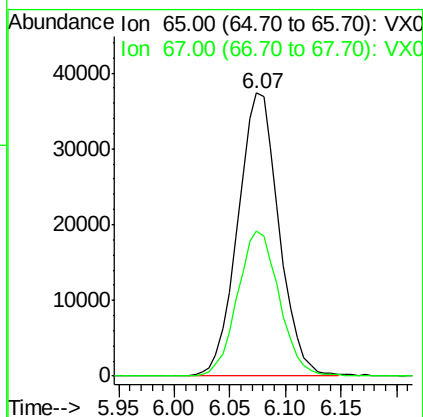
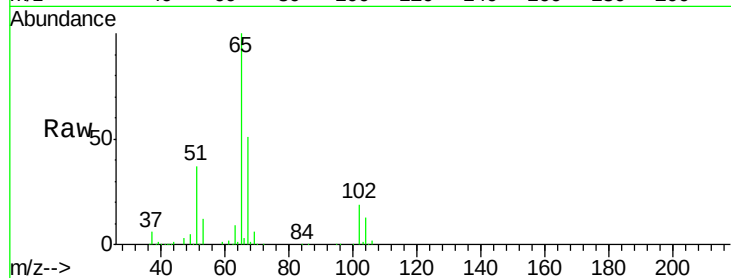




#27
 1,2-Dichloroethane-d4
 Concen: 29.83 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002689.D
 Acq: 18 Jun 2018 19:41

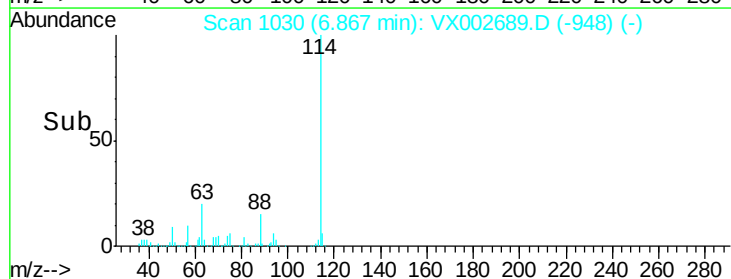
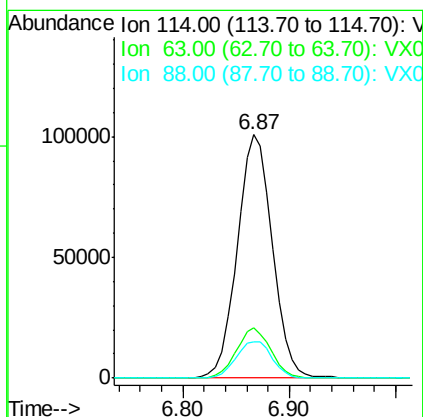
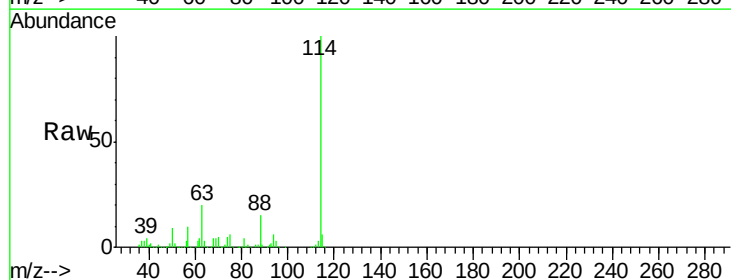
Instrument :
 MSVOA_X
 ClientSampleId :

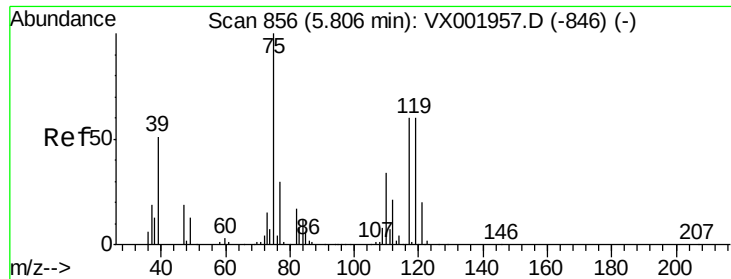
Tot Ion: 65 Resp: 95793
 Ion Ratio Lower Upper
 65 100
 67 52.1 40.9 61.3



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002689.D
 Acq: 18 Jun 2018 19:41

Tgt Ion: 114 Resp: 232712
 Ion Ratio Lower Upper
 114 100
 63 20.2 17.1 25.7
 88 15.4 12.6 19.0

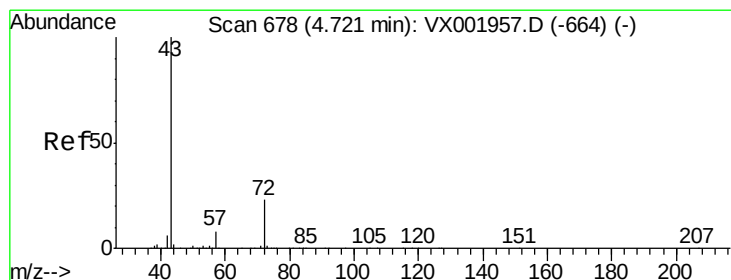
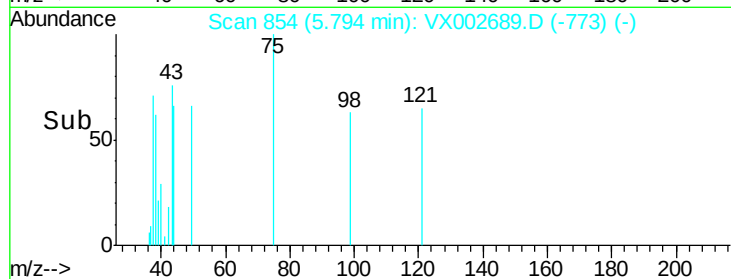
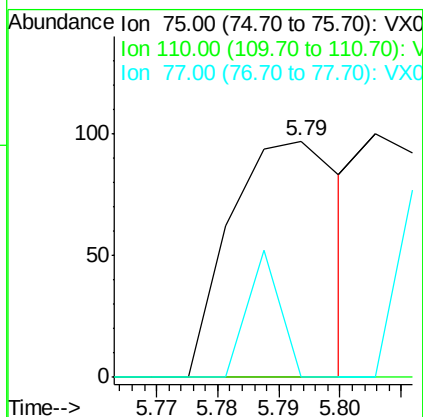
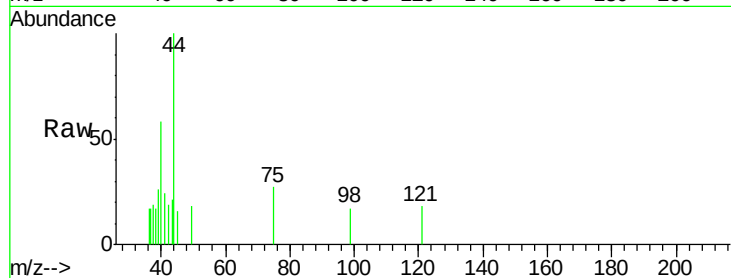




#29
 1,1-Dichloropropene
 Concen: 0.04 ug/l
 RT: 5.79 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: VX002689.D
 Acq: 18 Jun 2018 19:41

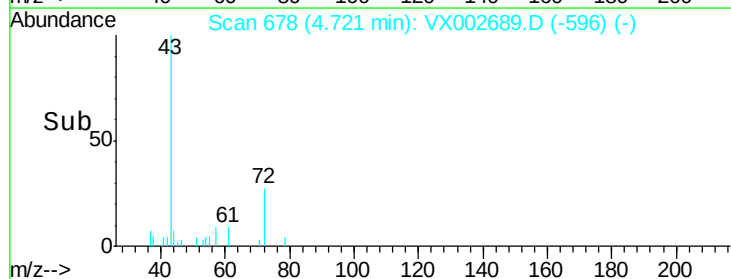
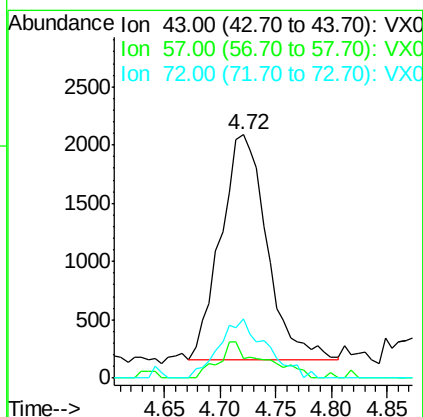
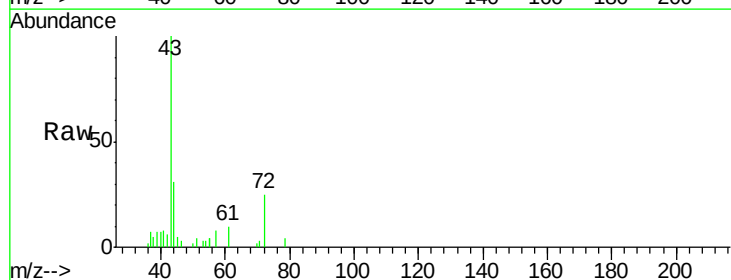
Instrument :
 MSVOA_X
 ClientSampleId :

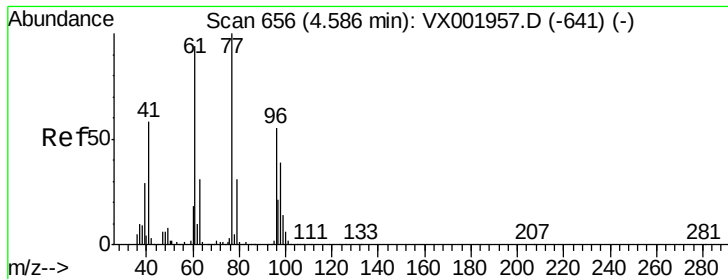
Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	0.0	71.4
77	36.6	0.0	60.6



#30
 2-Butanone
 Concen: 3.08 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VX002689.D
 Acq: 18 Jun 2018 19:41

Tgt Ion	Ratio	Lower	Upper
43	100		
57	3.7	6.1	9.1#
72	25.9	18.1	27.1

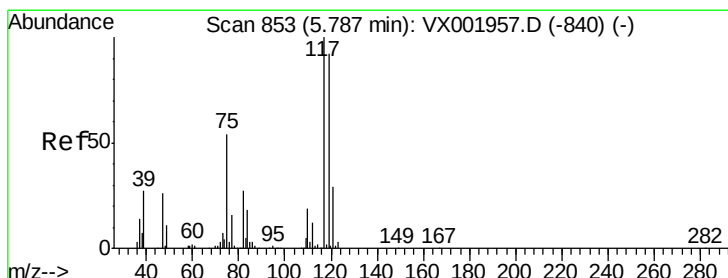
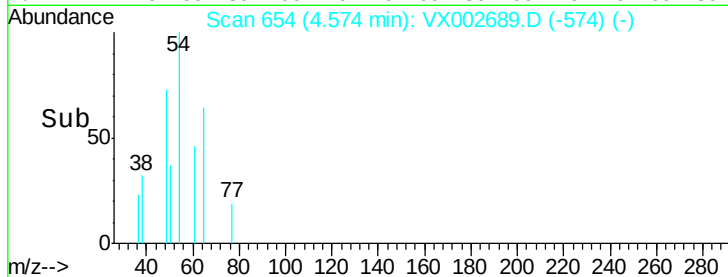
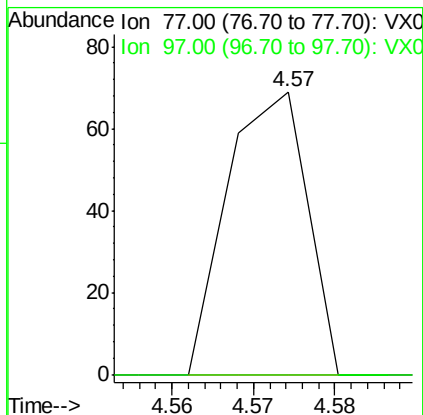
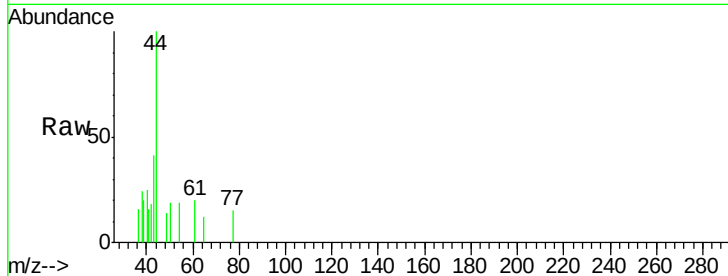




#31
 2,2-Dichloropropane
 Concen: 0.01 ug/l
 RT: 4.57 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: VX002689.D
 Acq: 18 Jun 2018 19:41

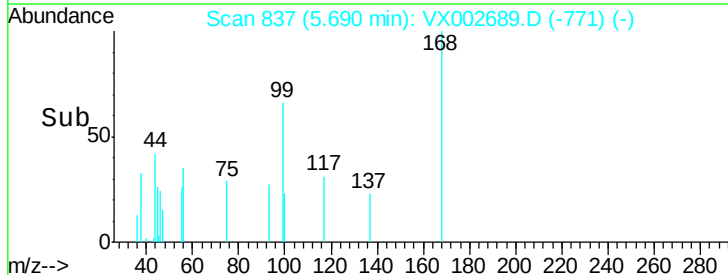
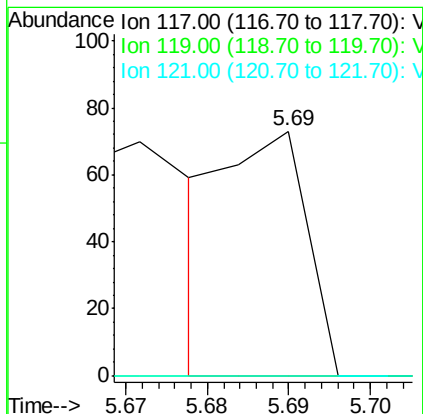
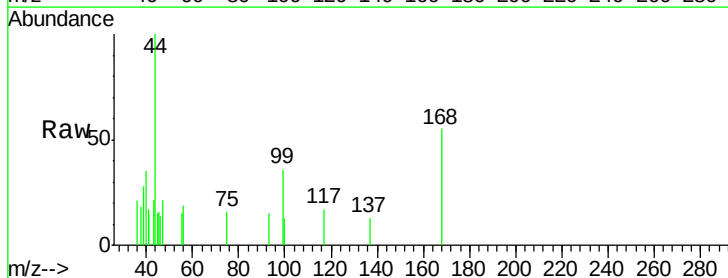
Instrument :
 MSVOA_X
 ClientSampleId :

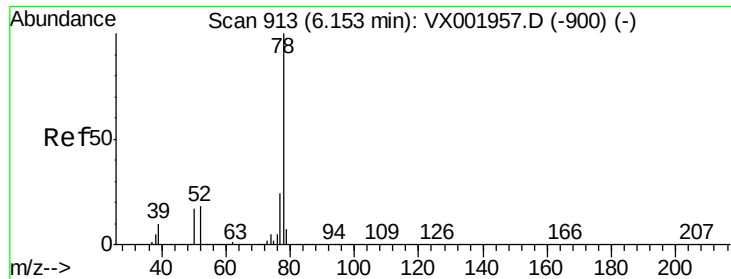
Tot Ion: 77 Resp: 47
 Ion Ratio Lower Upper
 77 100
 97 0.0 18.7 28.1#



#33
 Carbon Tetrachloride
 Concen: 0.01 ug/l
 RT: 5.69 min Scan# 837
 Delta R.T. -0.10 min
 Lab File: VX002689.D
 Acq: 18 Jun 2018 19:41

Tgt Ion: 117 Resp: 50
 Ion Ratio Lower Upper
 117 100
 119 0.0 73.3 109.9#
 121 0.0 23.6 35.4#





#34

Benzene

Concen: 0.06 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

Instrument :

MSVOA_X

ClientSampled :

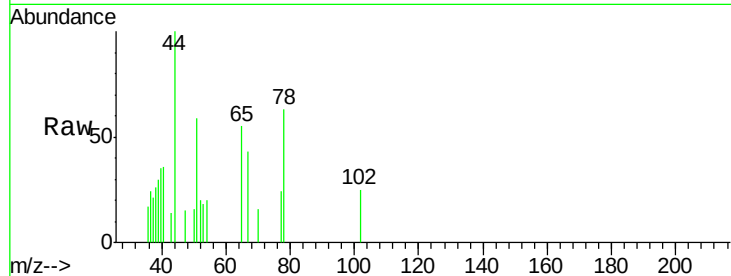
Tot Ion: 78 Resp: 549

Ion Ratio Lower Upper

78 100

77 38.5 19.4 29.0#

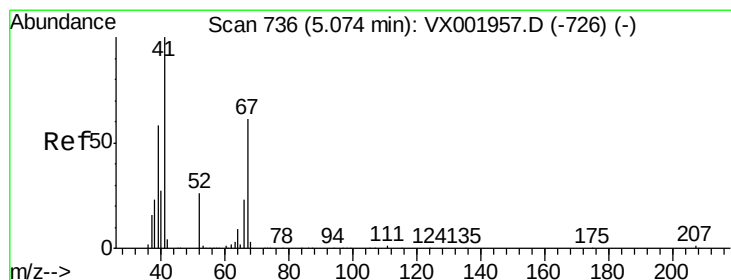
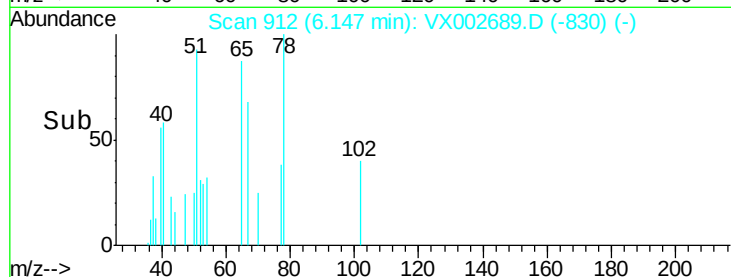
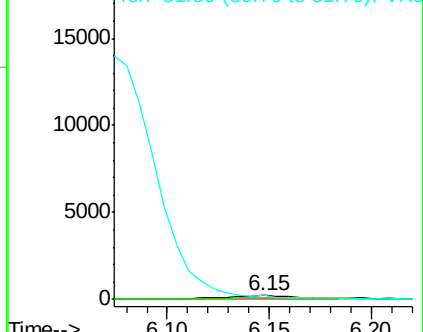
51 56.6 13.8 20.6#



Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#35

Methacrylonitrile

Concen: 0.06 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.01 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

Tgt Ion: 41 Resp: 111

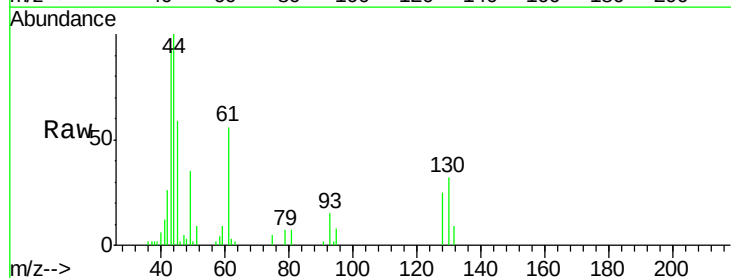
Ion Ratio Lower Upper

41 100

39 0.0 28.8 86.5#

67 0.0 30.4 91.2#

52 0.0 13.0 39.0#

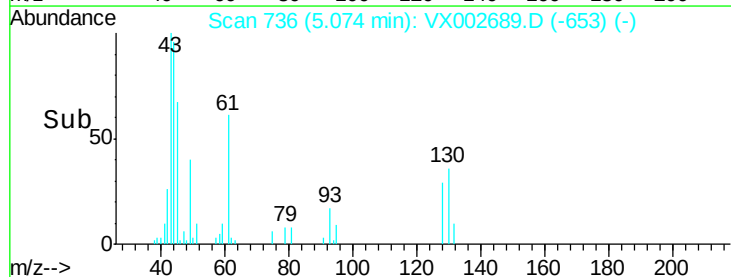
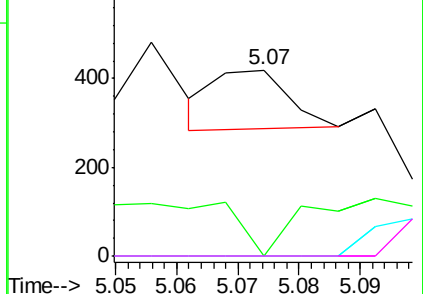


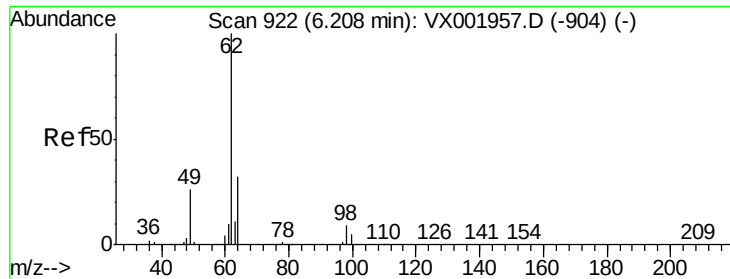
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

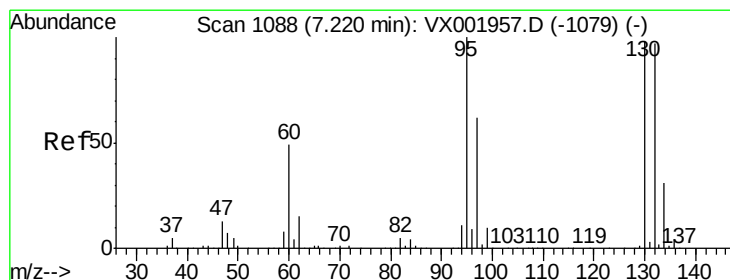
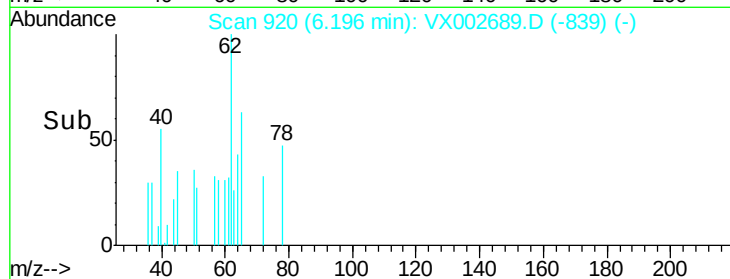
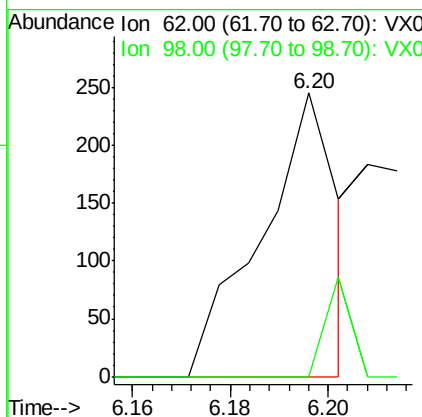
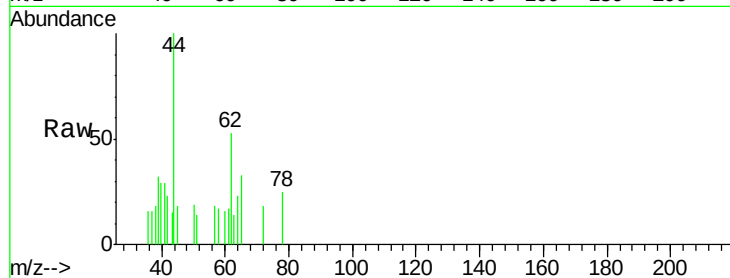




#36
 1,2-Dichloroethane
 Concen: 0.07 ug/l
 RT: 6.20 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VX002689.D
 Acq: 18 Jun 2018 19:41

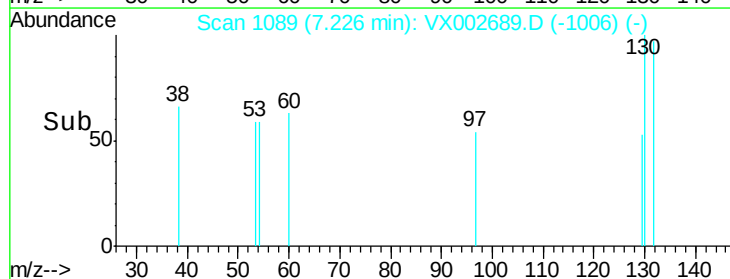
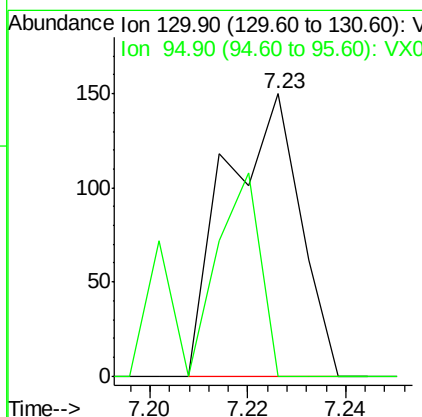
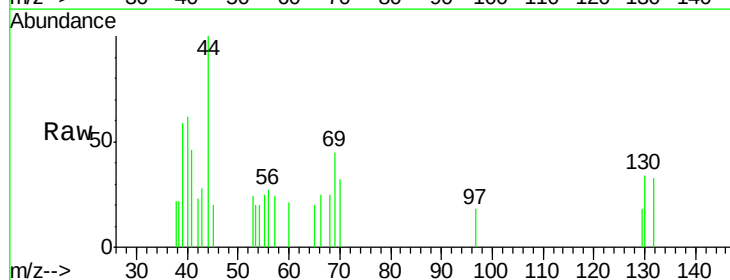
Instrument :
 MSVOA_X
 ClientSampled :

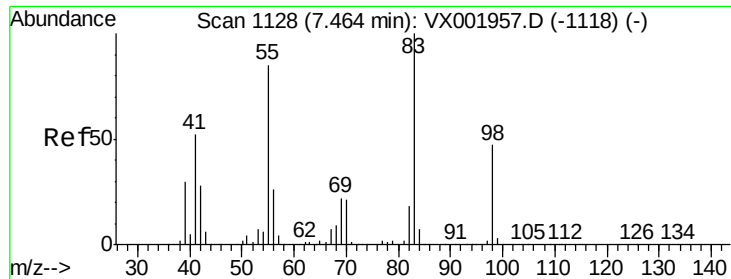
Tot Ion: 62 Resp: 263
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.5 9.7#



#37
 Trichloroethene
 Concen: 0.06 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX002689.D
 Acq: 18 Jun 2018 19:41

Tgt Ion: 130 Resp: 158
 Ion Ratio Lower Upper
 130 100
 95 0.0 81.5 122.3#

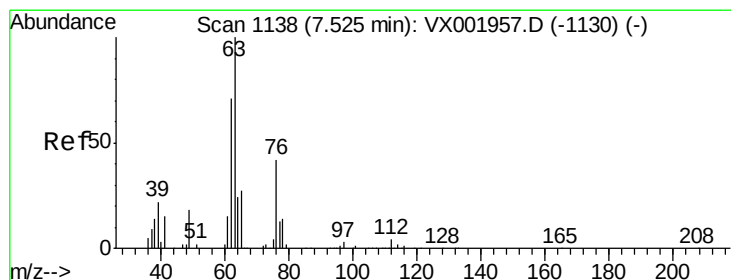
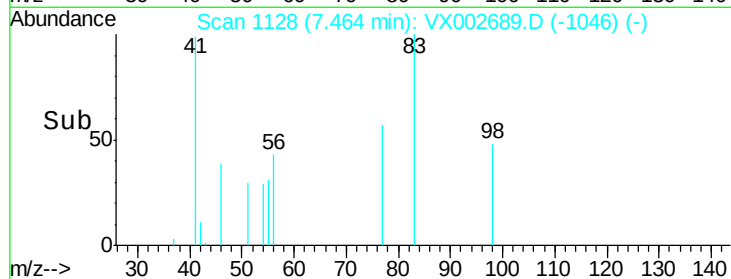
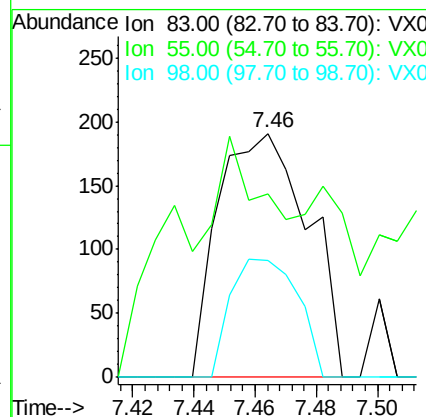
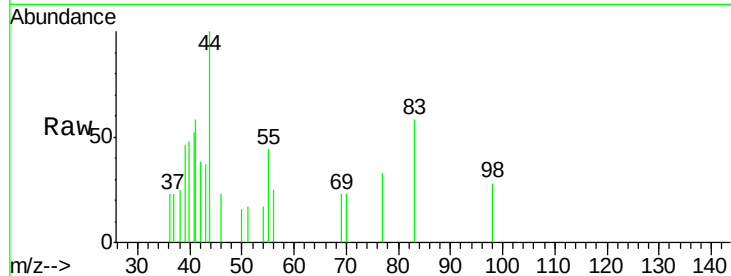




#38
Methvlcvclohexane
Concen: 0.10 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

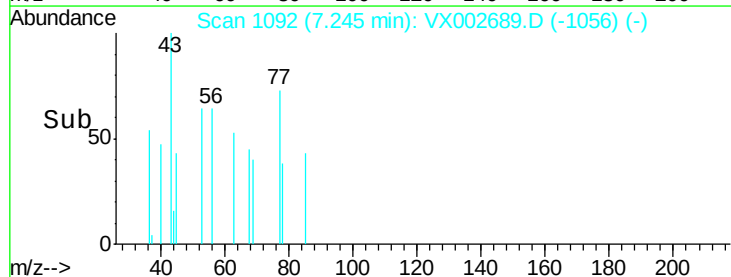
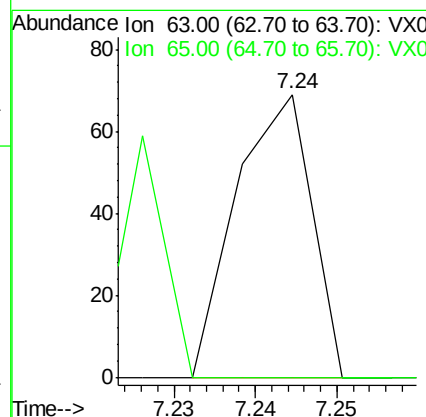
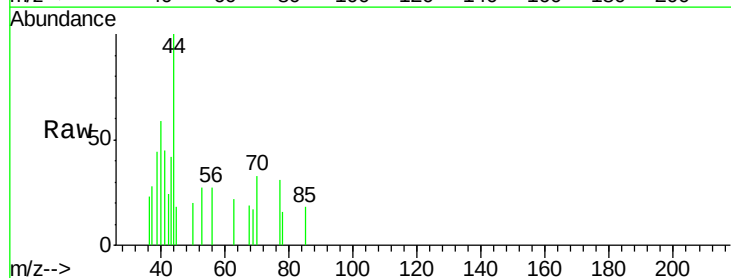
Instrument :
MSVOA_X
ClientSampled :

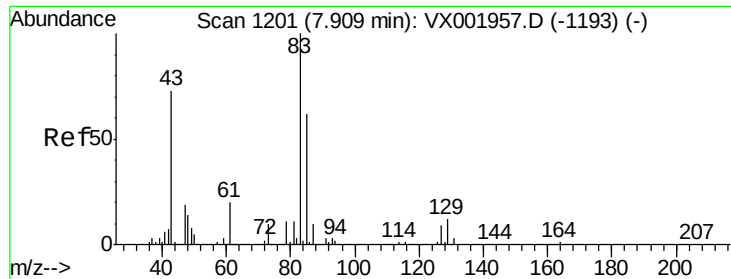
Tot Ion: 83 Resp: 388
Ion Ratio Lower Upper
83 100
55 52.6 40.6 121.8
98 36.1 23.5 70.5



#39
1,2-Dichloropropane
Concen: 0.02 ug/l
RT: 7.24 min Scan# 1092
Delta R.T. -0.28 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

Tgt Ion: 63 Resp: 44
Ion Ratio Lower Upper
63 100
65 0.0 23.3 34.9#





#41

Bromodichloromethane

Concen: 0.19 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

Instrument :
MSVOA_X
ClientSampleId :

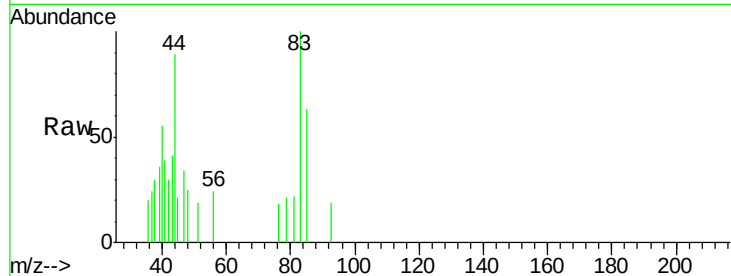
Tot Ion: 83 Resp: 603

Ion Ratio Lower Upper

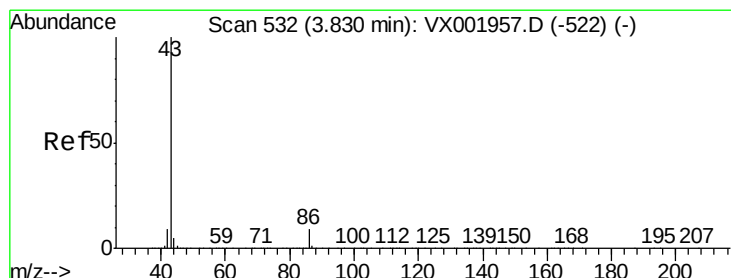
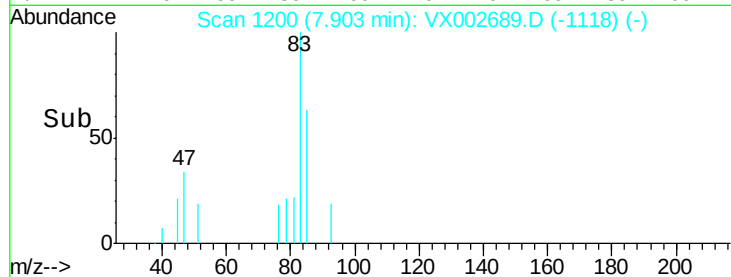
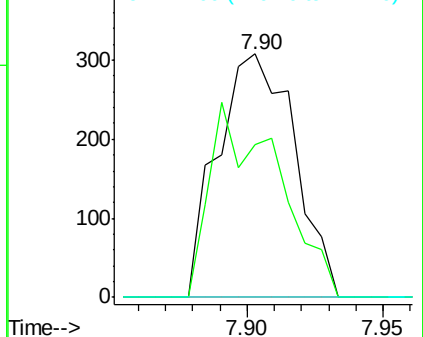
83 100

85 63.0 49.8 74.8

127 0.0 7.3 10.9#



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 0.03 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002689.D

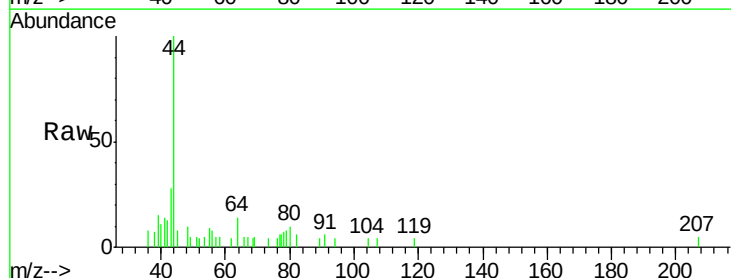
Acq: 18 Jun 2018 19:41

Tgt Ion: 43 Resp: 189

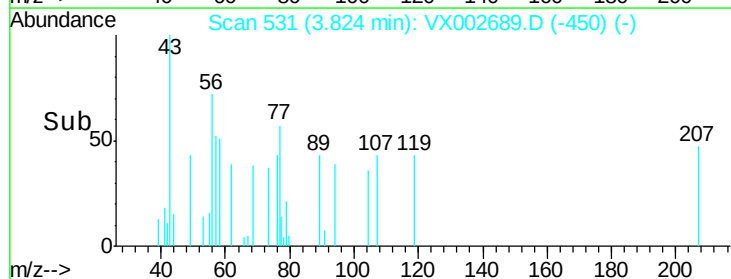
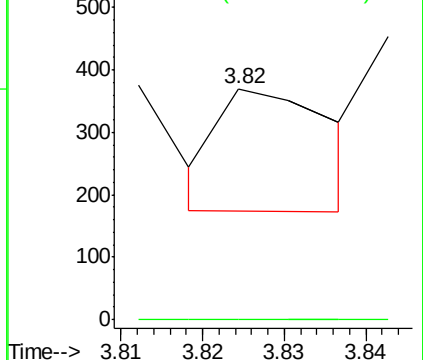
Ion Ratio Lower Upper

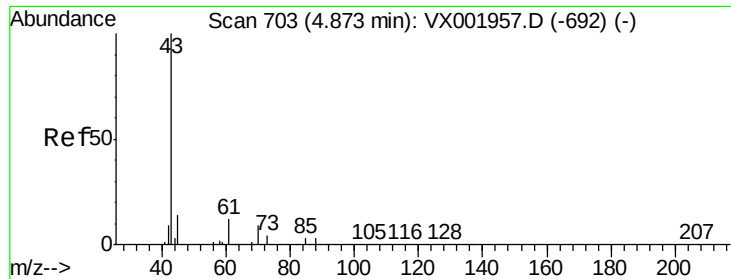
43 100

86 0.0 6.7 10.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

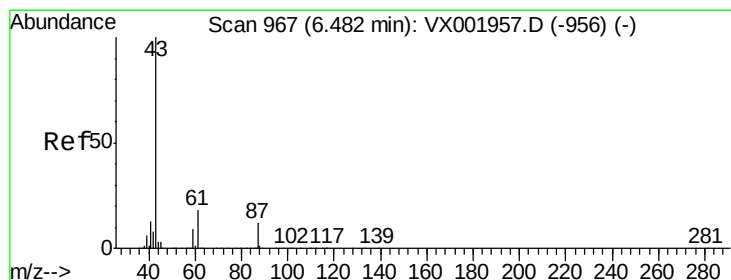
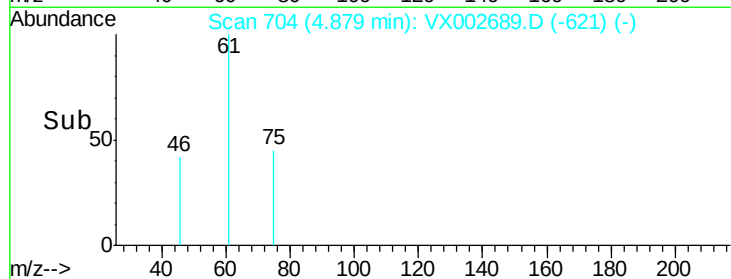
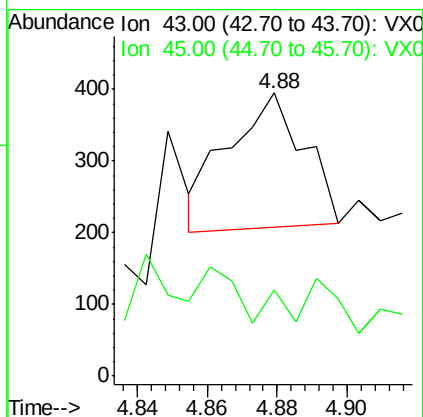
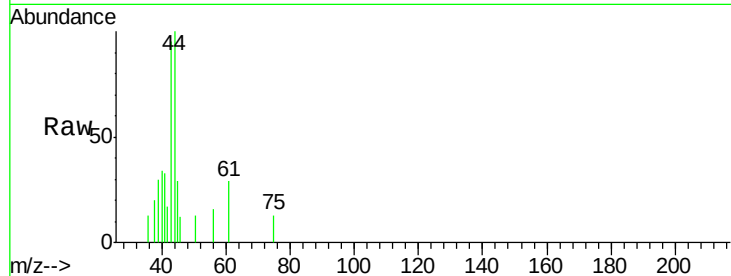




#43
Ethyl Acetate
Concen: 0.08 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

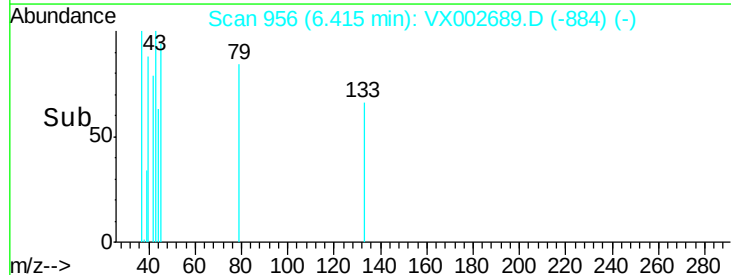
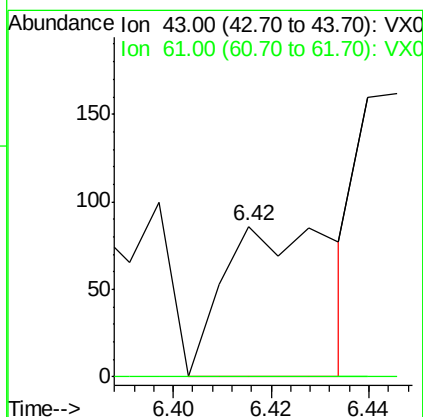
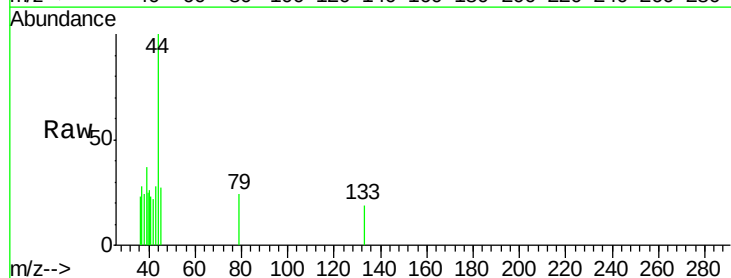
Instrument :
MSVOA_X
ClientSampled :

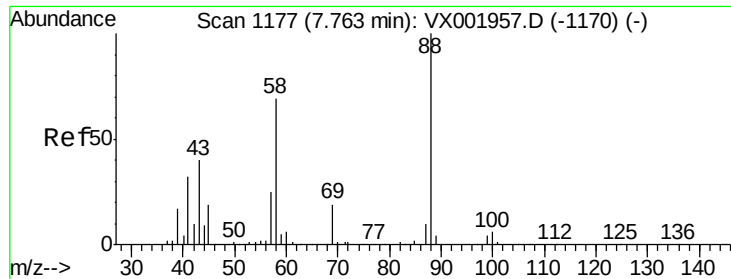
Tot Ion: 43 Resp: 284
Ion Ratio Lower Upper
43 100
45 16.2 11.0 16.4



#44
Isopropyl Acetate
Concen: 0.02 ug/l
RT: 6.42 min Scan# 956
Delta R.T. -0.06 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

Tgt Ion: 43 Resp: 135
Ion Ratio Lower Upper
43 100
61 17.0 14.5 21.7

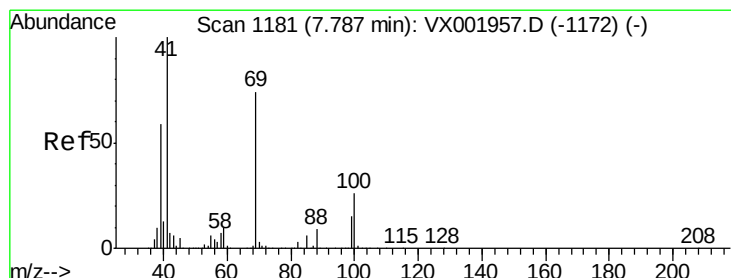
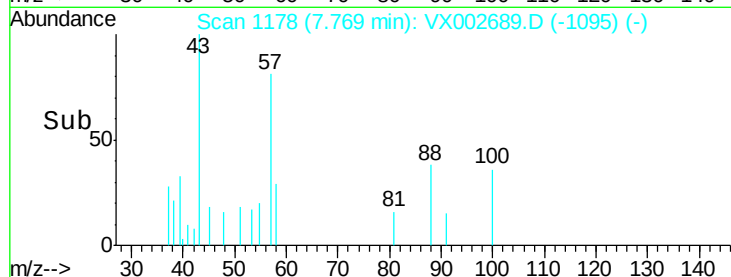
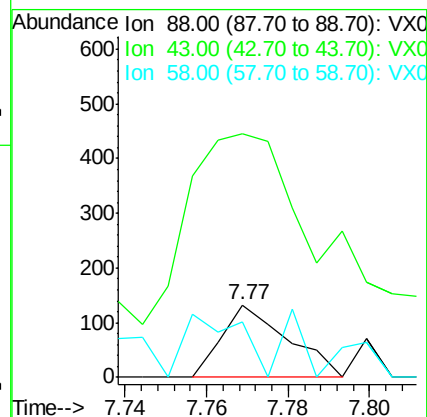
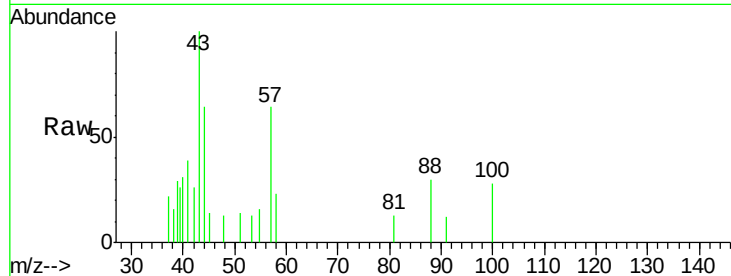




#45
 1,4-Dioxane
 Concen: 2.64 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: VX002689.D
 Acq: 18 Jun 2018 19:41

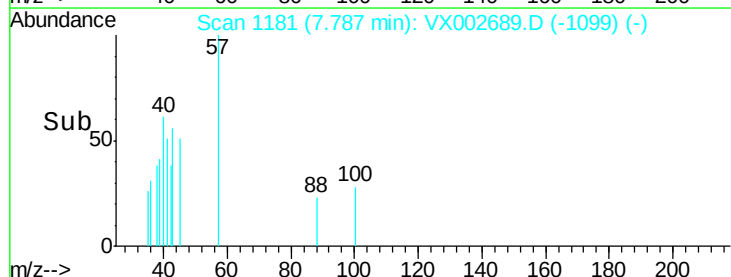
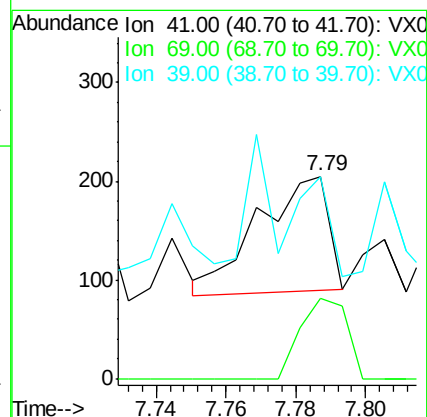
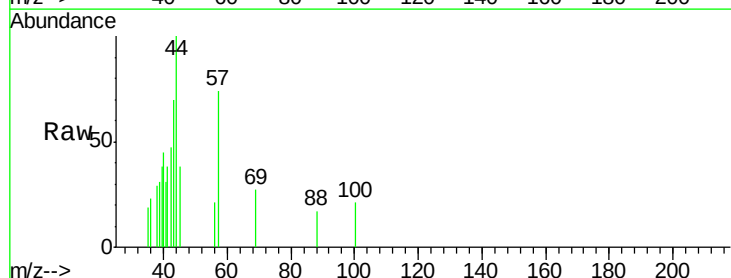
Instrument :
 MSVOA_X
 ClientSampled :

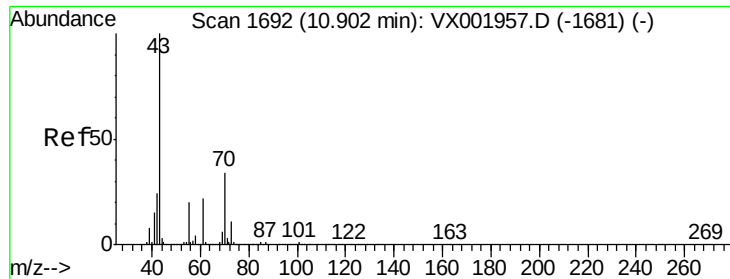
Tot Ion: 88 Resp: 149
 Ion Ratio Lower Upper
 88 100
 43 530.9 43.2 64.8#
 58 30.9 60.2 90.2#



#46
 Methyl methacrylate
 Concen: 0.06 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX002689.D
 Acq: 18 Jun 2018 19:41

Tgt Ion: 41 Resp: 162
 Ion Ratio Lower Upper
 41 100
 69 71.1 37.0 110.9
 39 87.7 29.6 88.9





#47

n-amvl Acetate

Concen: 0.03 ug/l

RT: 10.89 min Scan# 1690

Delta R.T. -0.01 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

Instrument :

MSVOA_X

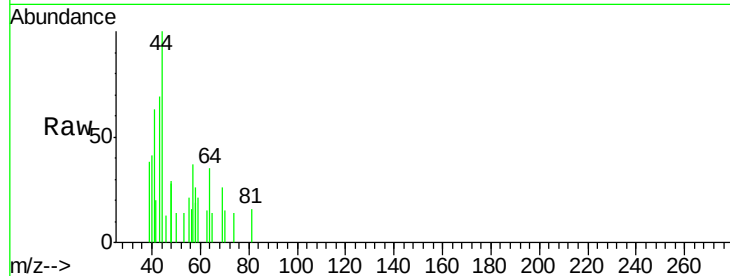
ClientSampled :

Tot Ion: 43 Resp: 163

Ion Ratio Lower Upper

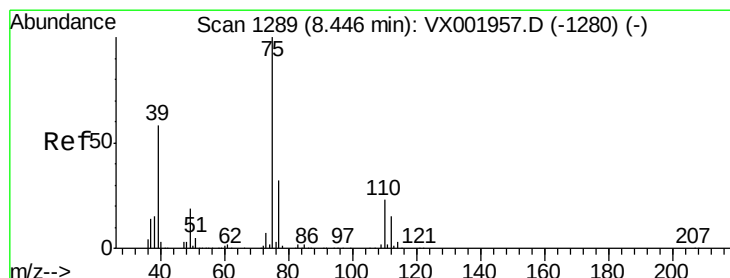
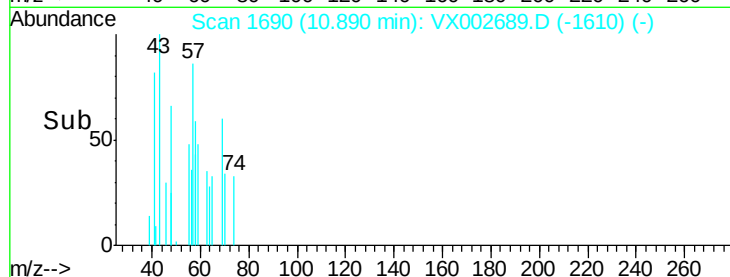
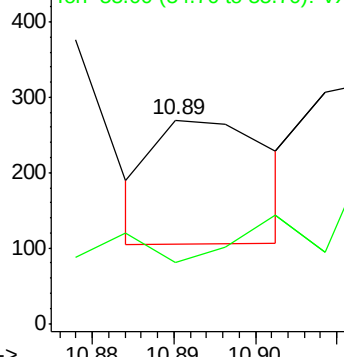
43 100

55 14.1 0.1 0.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 0.02 ug/l

RT: 8.45 min Scan# 1290

Delta R.T. 0.01 min

Lab File: VX002689.D

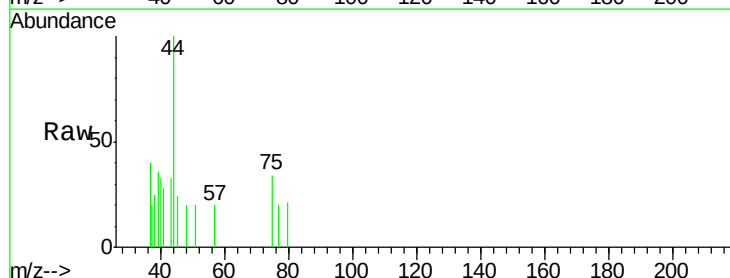
Acq: 18 Jun 2018 19:41

Tgt Ion: 75 Resp: 86

Ion Ratio Lower Upper

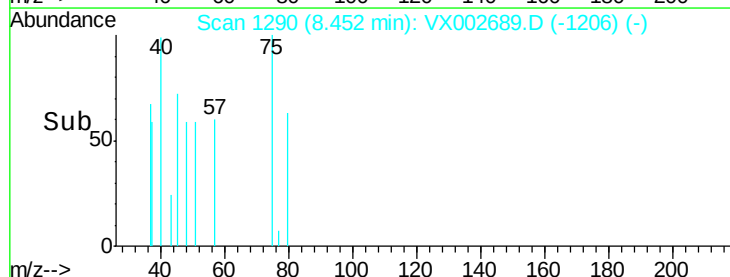
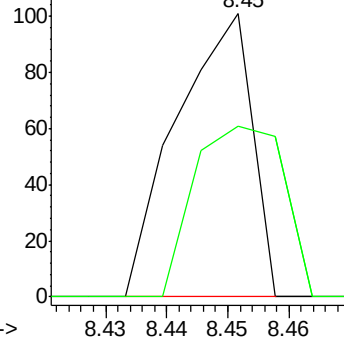
75 100

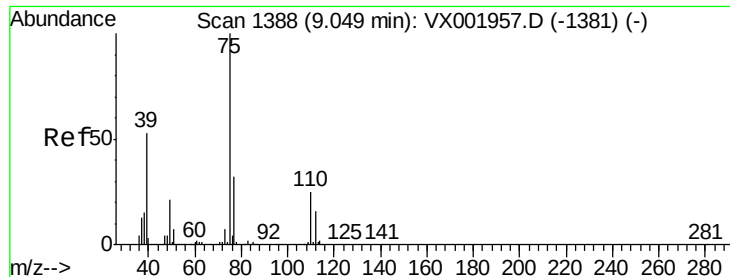
77 60.4 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



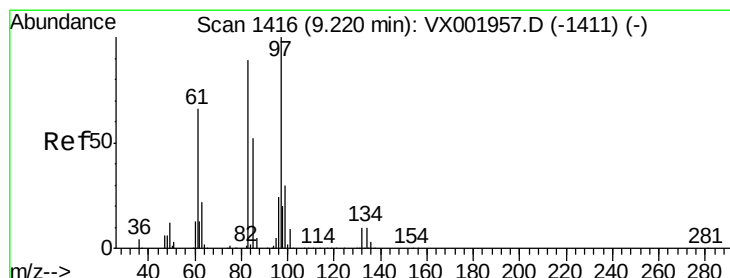
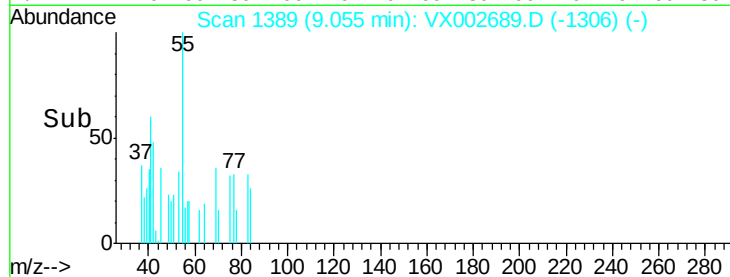
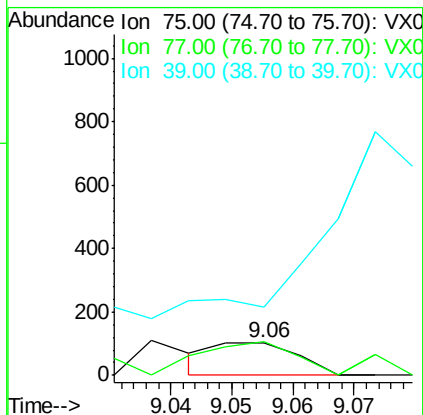
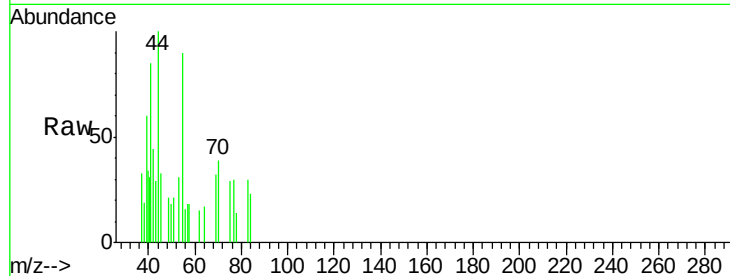


#49

cis-1,3-Dichloropropene
Concen: 0.03 ug/l
RT: 9.06 min Scan# 1389
Delta R.T. 0.01 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

Instrument :
MSVOA_X
ClientSampled :

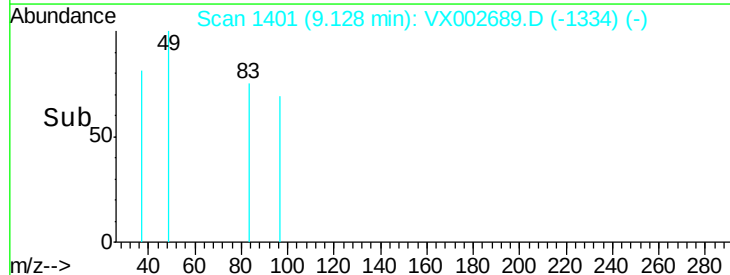
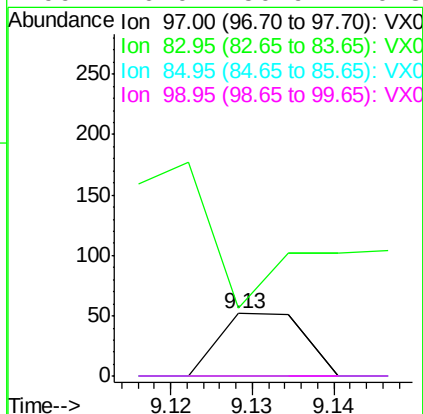
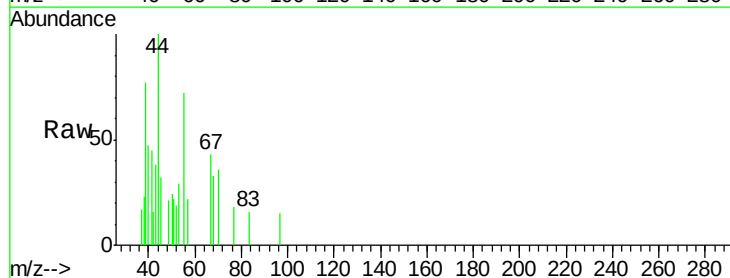
Tot Ion	Ratio	Lower	Upper
75	100		
77	101.9	25.4	38.2#
39	0.0	42.3	63.5#

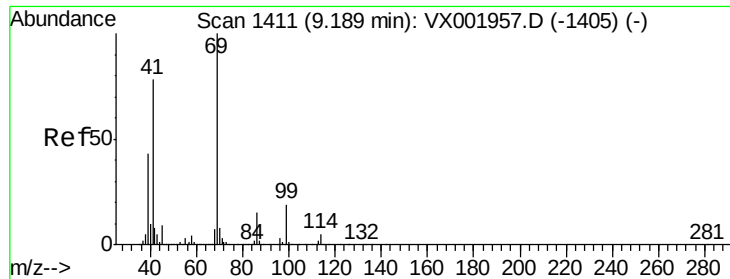


#50

1,1,2-Trichloroethane
Concen: 0.02 ug/l
RT: 9.13 min Scan# 1401
Delta R.T. -0.09 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

Tgt Ion	Ratio	Lower	Upper
97	100		
83	0.0	70.8	106.2#
85	0.0	43.5	65.3#
99	0.0	50.9	76.3#





#51

Ethyl methacrylate

Concen: 0.06 ug/l

RT: 9.25 min Scan# 1421

Delta R.T. 0.06 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

Instrument :

MSVOA_X

ClientSampled :

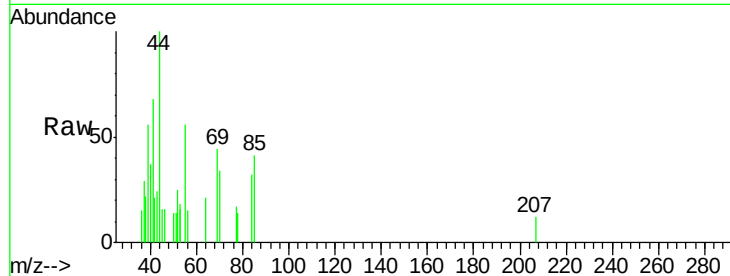
Tot Ion: 69 Resp: 235

Ion Ratio Lower Upper

69 100

41 77.4 39.1 117.3

39 39.0 21.7 65.1



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

500

400

300

200

100

0

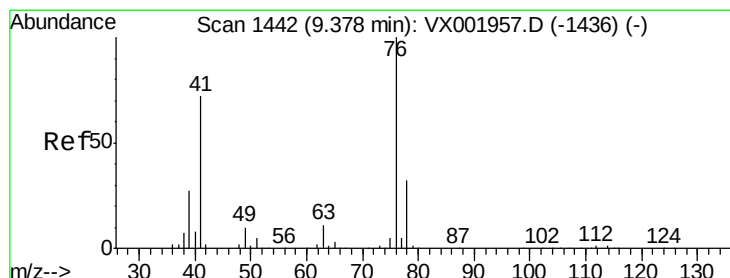
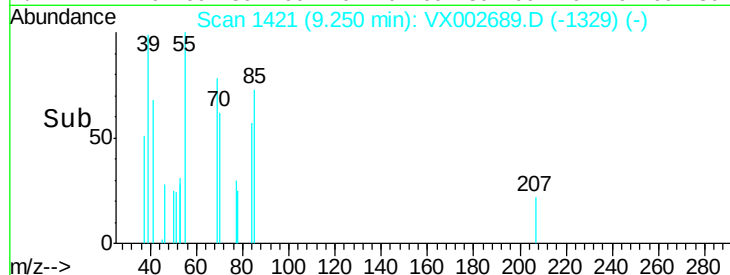
9.22

9.24

9.26

9.28

Time-->



#52

1,3-Dichloropropane

Concen: 0.01 ug/l

RT: 9.18 min Scan# 1409

Delta R.T. -0.20 min

Lab File: VX002689.D

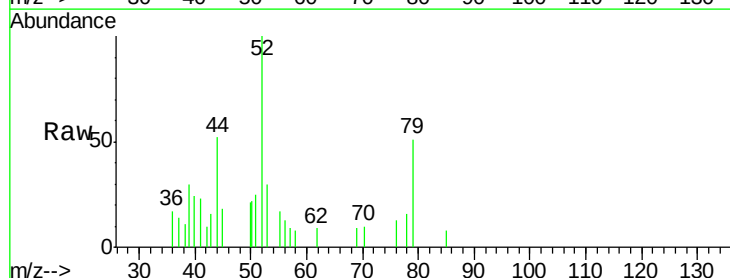
Acq: 18 Jun 2018 19:41

Tgt Ion: 76 Resp: 34

Ion Ratio Lower Upper

76 100

78 188.2 0.0 63.4#



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

150

100

50

0

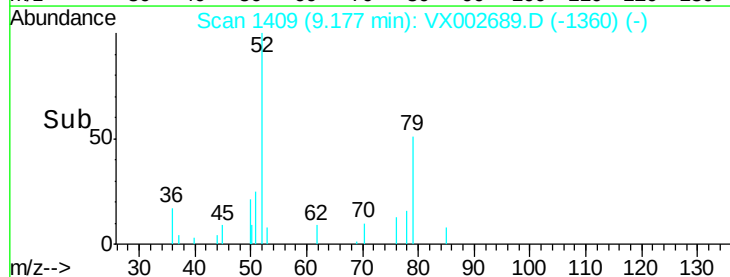
9.16

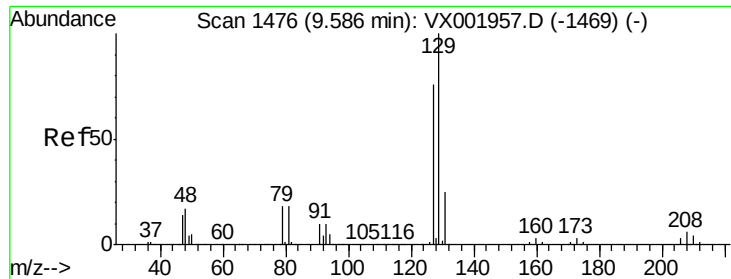
9.17

9.18

9.19

Time-->





#53

Dibromochloromethane

Concen: 0.02 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.01 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

Instrument :

MSVOA_X

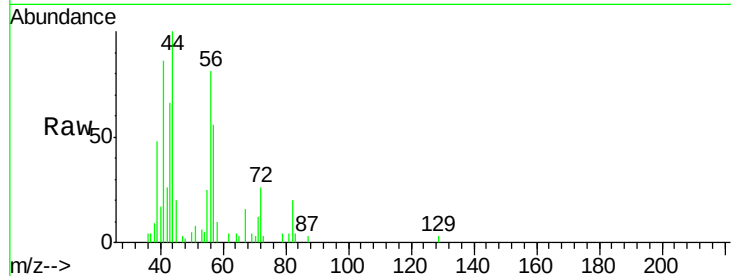
ClientSampleId :

Tot Ion:129 Resp: 51

Ion Ratio Lower Upper

129 100

127 78.4 38.5 115.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.59

60

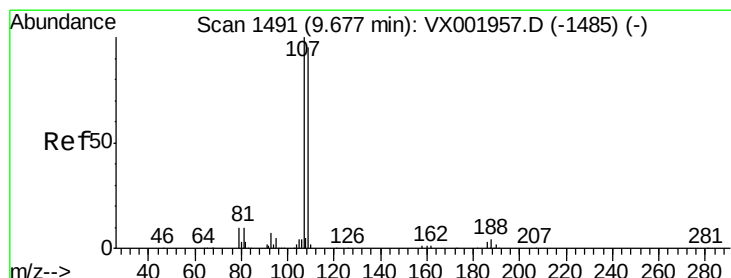
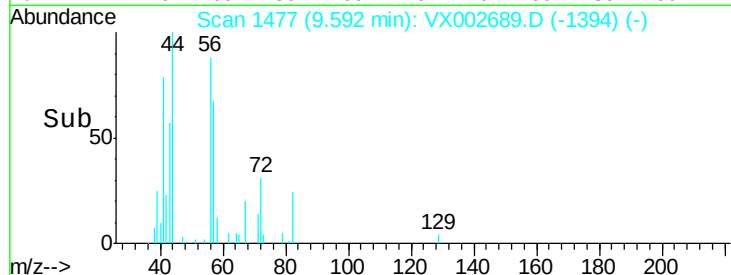
40

20

0

9.58 9.59 9.60

Time-->



#54

1,2-Dibromoethane

Concen: 0.03 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002689.D

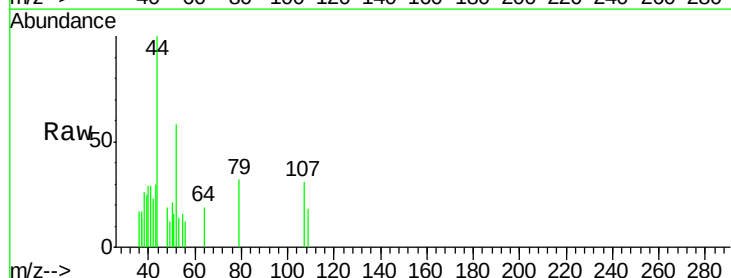
Acq: 18 Jun 2018 19:41

Tgt Ion:107 Resp: 77

Ion Ratio Lower Upper

107 100

109 88.3 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

150

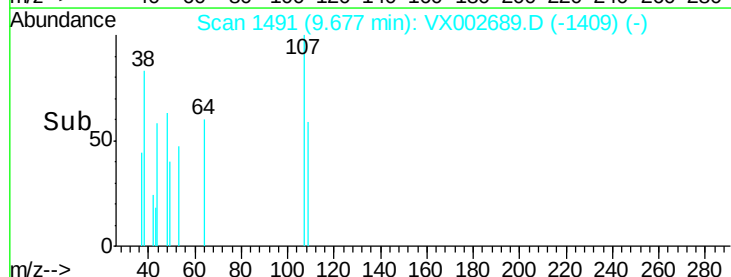
100

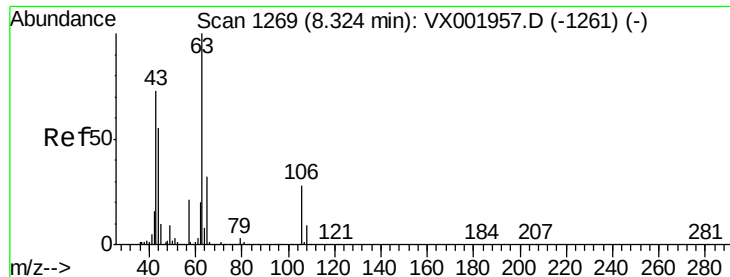
50

0

9.66 9.67 9.68

Time-->





#55

2-Chloroethyl vinyl ether

Concen: 0.03 ug/l

RT: 8.33 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

Instrument :

MSVOA_X

ClientSampled :

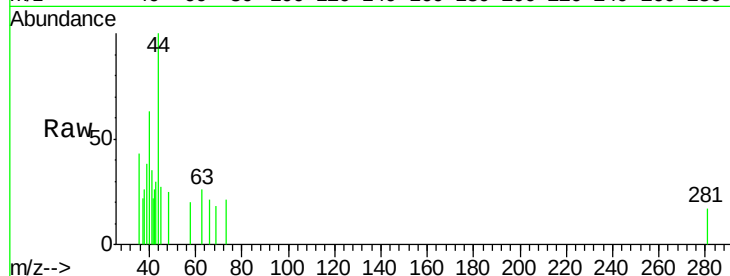
Tot Ion: 63 Resp: 50

Ion Ratio Lower Upper

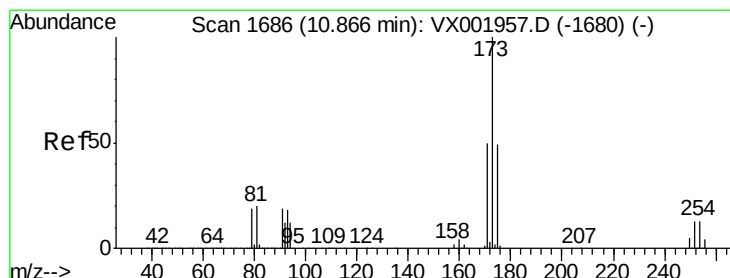
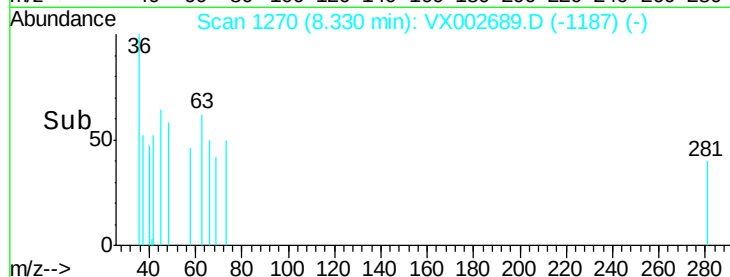
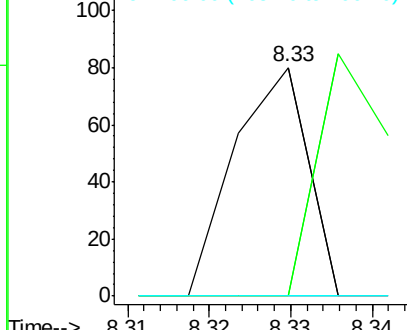
63 100

65 104.0 25.6 38.4#

106 0.0 21.6 32.4#



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 65.00 (64.70 to 65.70): VX0
Ion 106.00 (105.70 to 106.70): V



#56

Bromoform

Concen: 0.62 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.29 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

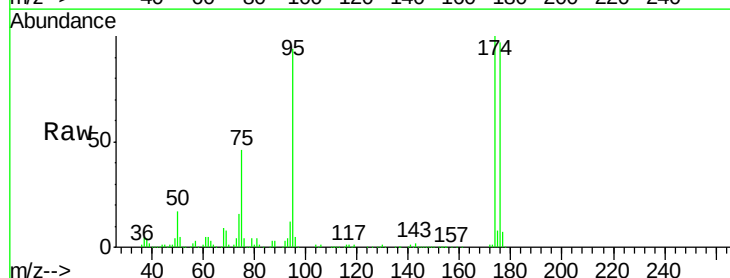
Tgt Ion:173 Resp: 1302

Ion Ratio Lower Upper

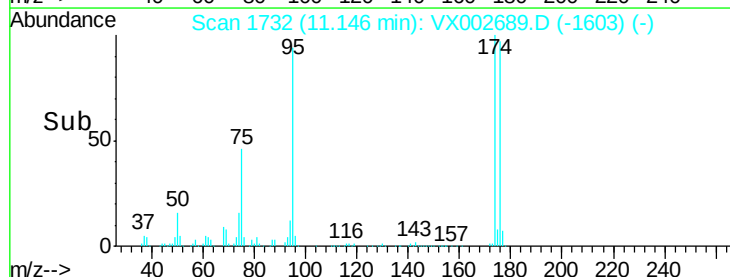
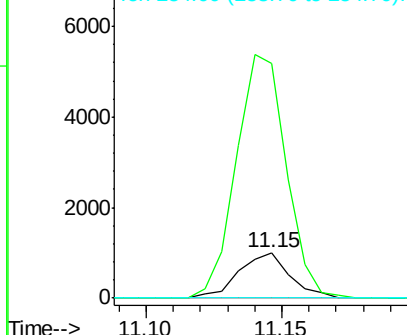
173 100

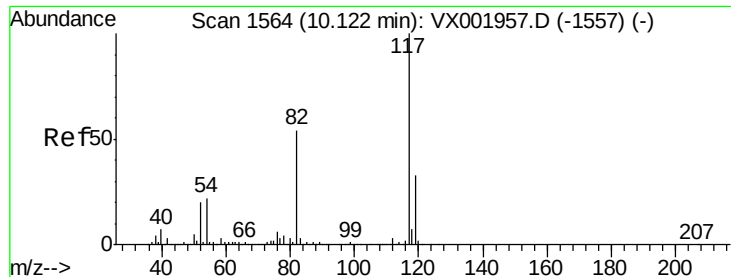
175 525.2 39.0 58.4#

254 0.0 9.6 14.4#



Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V

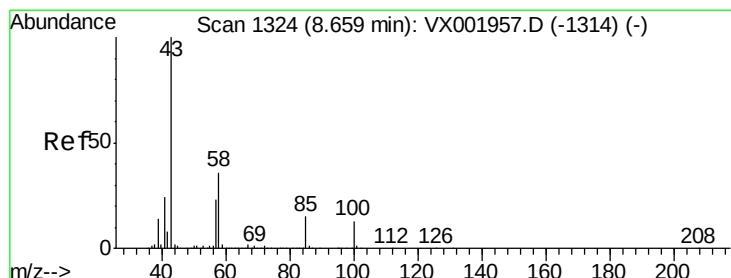
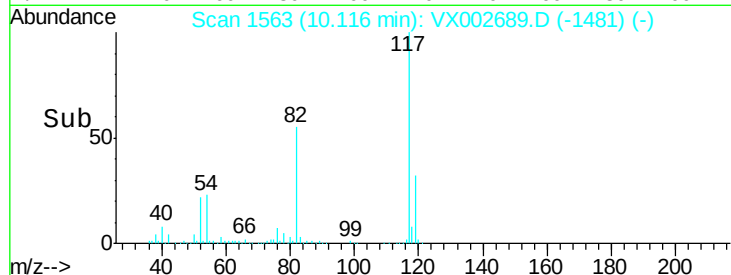
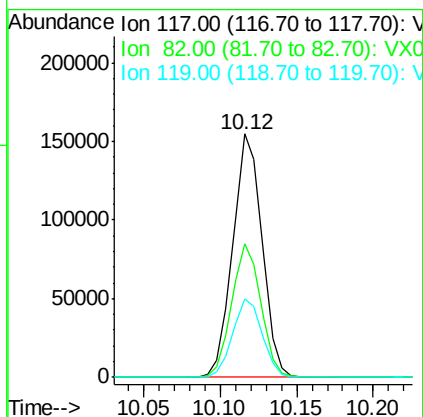
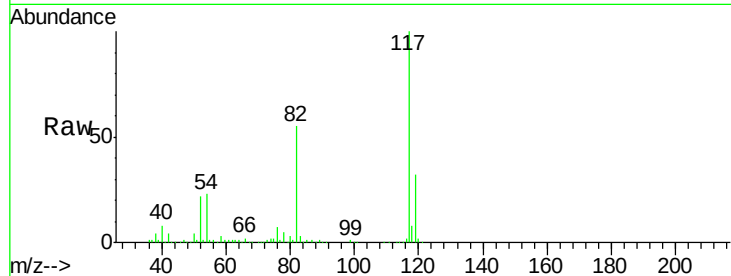




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

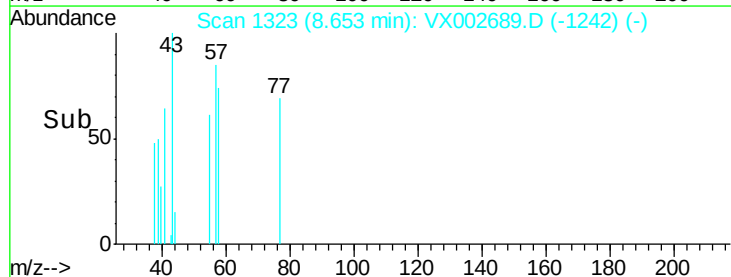
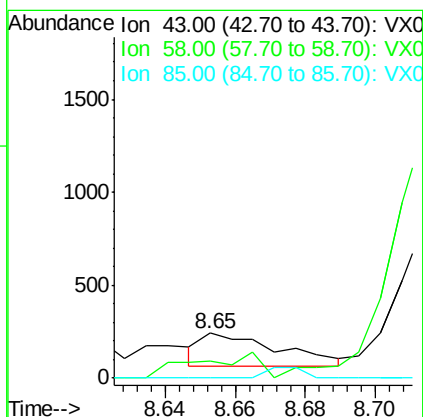
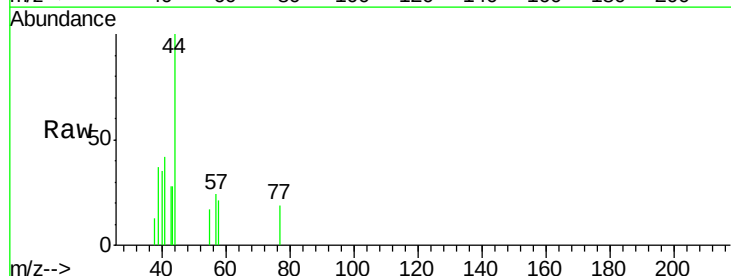
Instrument :
MSVOA_X
ClientSampled :

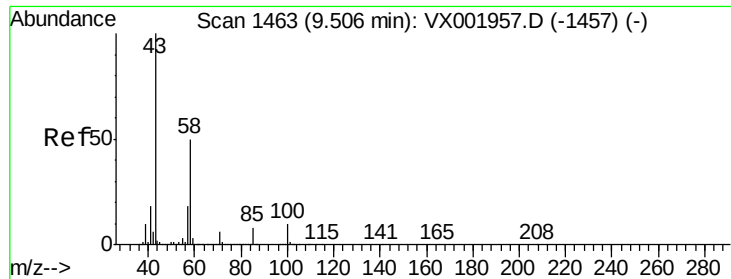
Tot Ion:117 Resp: 204794
Ion Ratio Lower Upper
117 100
82 54.8 44.3 66.5
119 32.4 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 0.08 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

Tgt Ion: 43 Resp: 271
Ion Ratio Lower Upper
43 100
58 45.4 28.2 42.4#
85 0.0 12.4 18.6#

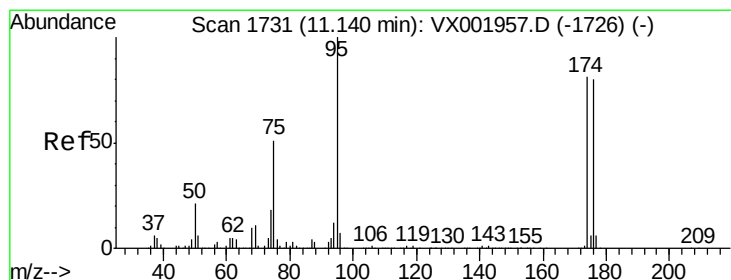
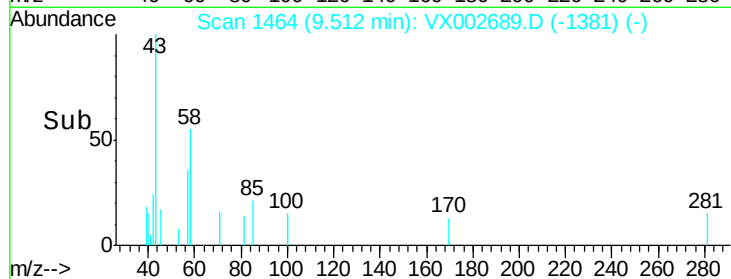
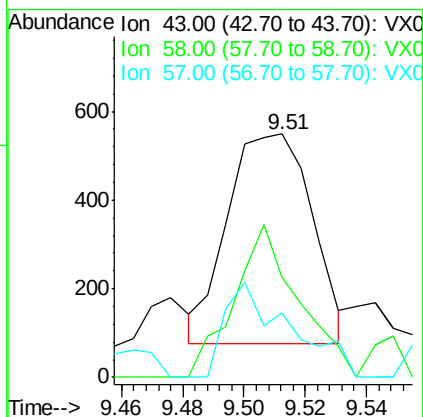
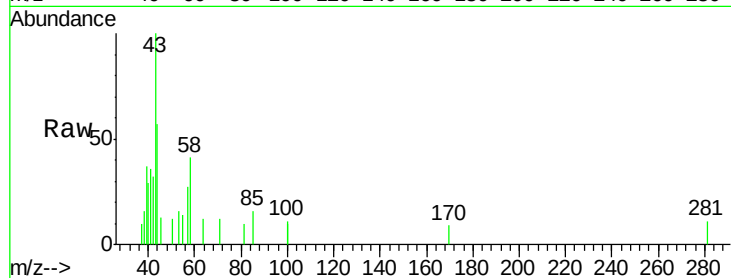




#59
2-Hexanone
Concen: 0.34 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.01 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

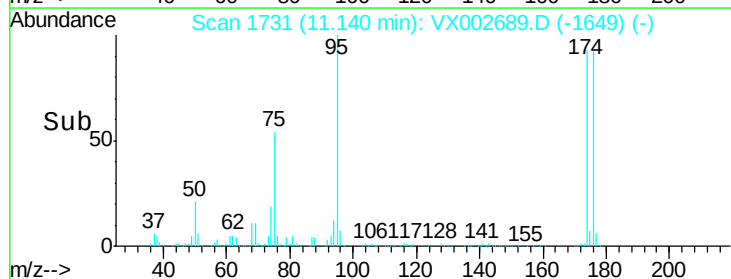
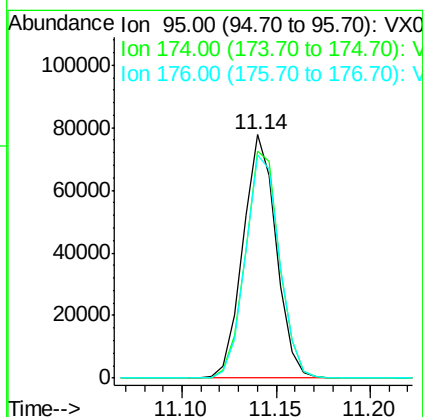
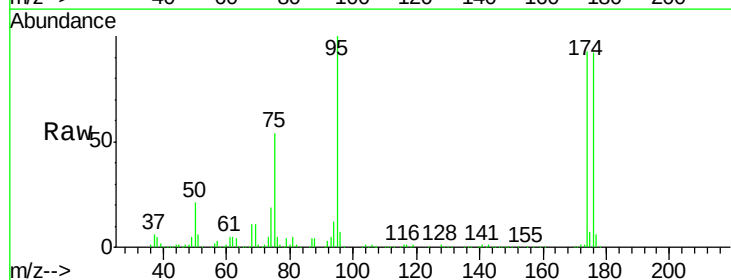
Instrument :
MSVOA_X
ClientSampleId :

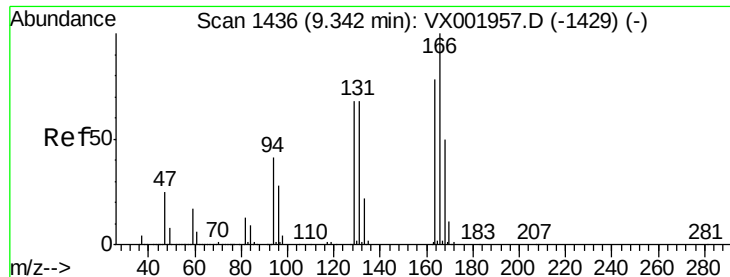
Tot Ion: 43 Resp: 904
Ion Ratio Lower Upper
43 100
58 55.5 39.6 59.4
57 32.0 14.1 21.1#



#60
4-Bromofluorobenzene
Concen: 28.04 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

Tgt Ion: 95 Resp: 94846
Ion Ratio Lower Upper
95 100
174 96.2 71.8 107.6
176 94.2 70.1 105.1





#61

Tetrachloroethene

Concen: 0.08 ug/l

RT: 9.34 min Scan# 1435

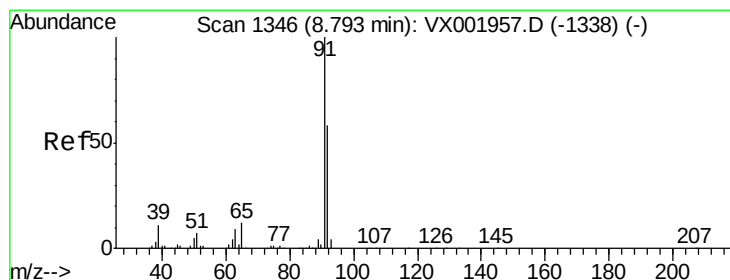
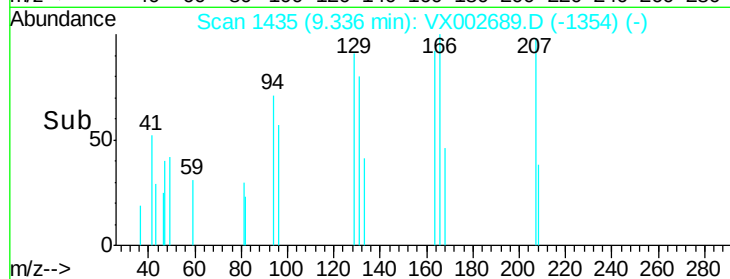
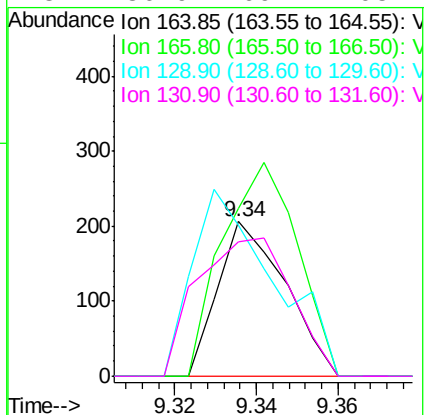
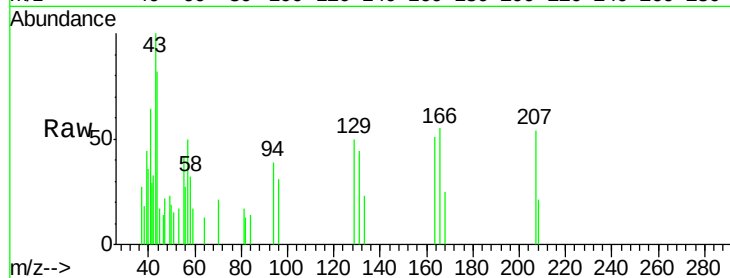
Delta R.T. -0.01 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	164	Resp:	236
Ion	Ratio	Lower	Upper
164	100		
166	108.3	102.4	153.6
129	98.1	70.1	105.1
131	86.9	69.1	103.7



#62

Toluene

Concen: 0.16 ug/l

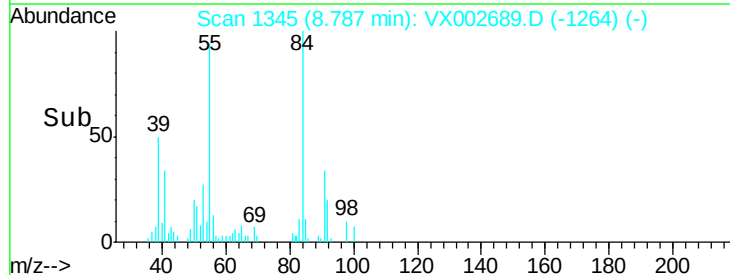
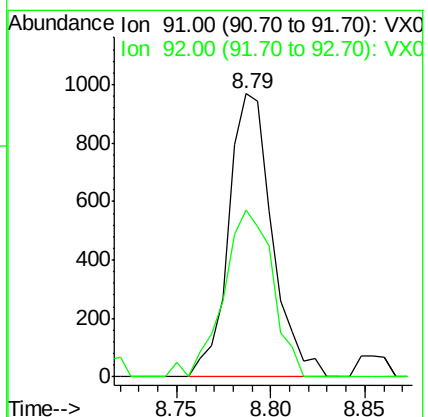
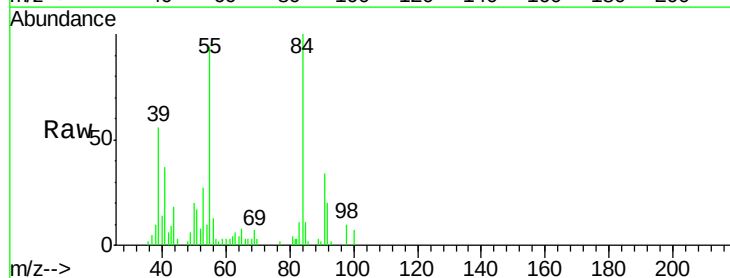
RT: 8.79 min Scan# 1345

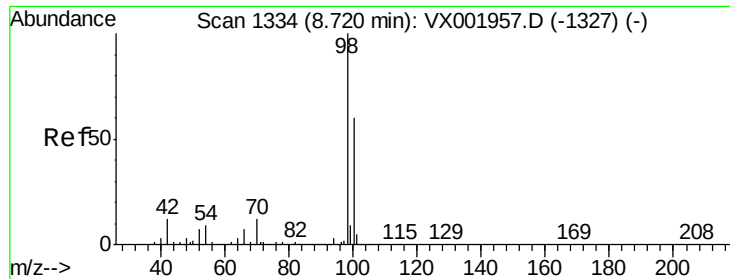
Delta R.T. -0.01 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

Tgt Ion:	91	Resp:	1553
Ion	Ratio	Lower	Upper
91	100		
92	65.0	46.5	69.7

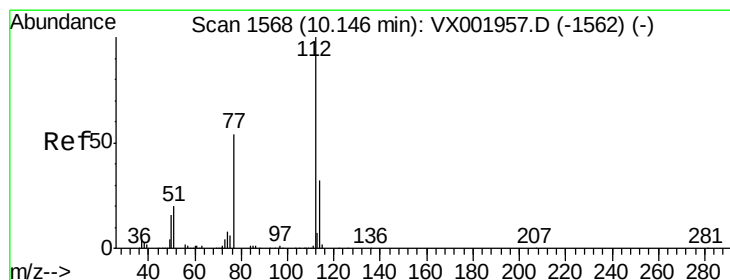
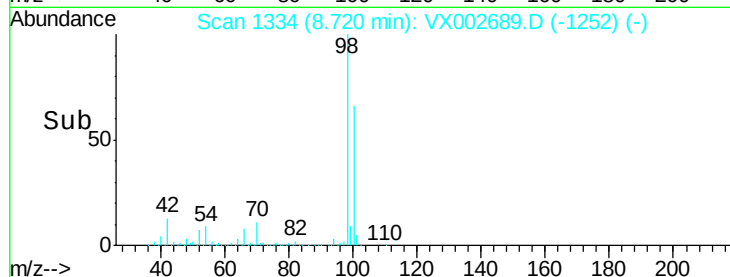
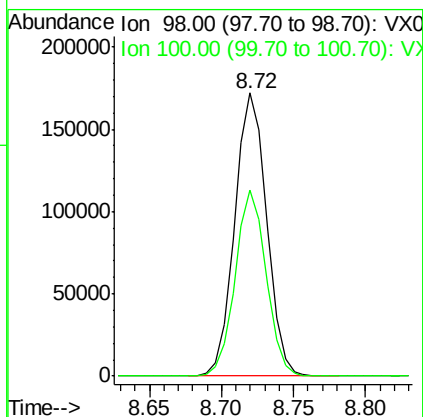
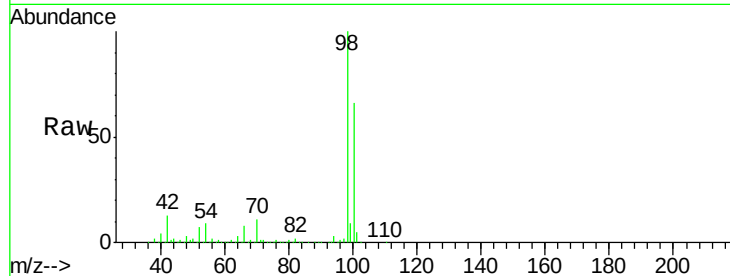




#63
Toluene-d8
Concen: 29.71 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

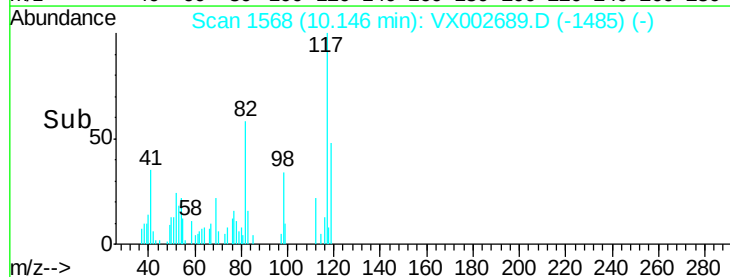
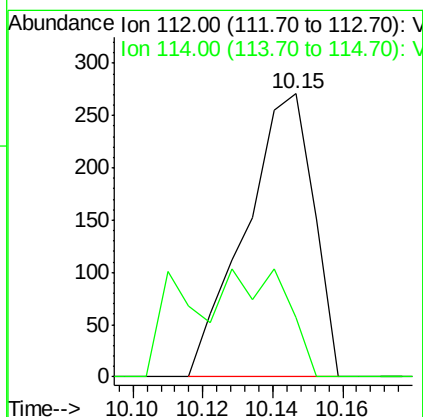
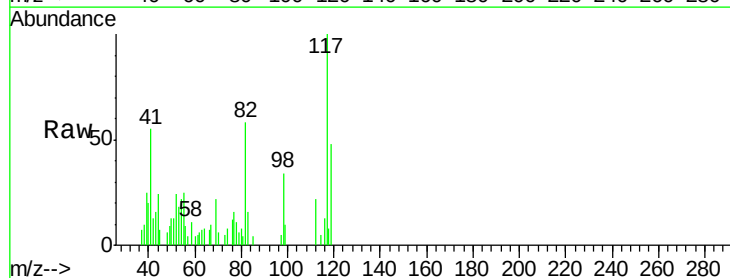
Instrument :
MSVOA_X
ClientSampleId :

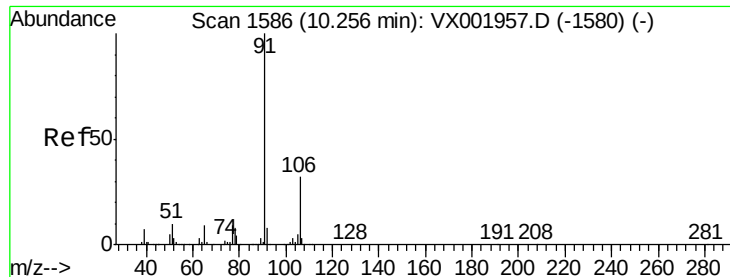
Tot Ion: 98 Resp: 265799
Ion Ratio Lower Upper
98 100
100 63.9 50.8 76.2



#64
Chlorobenzene
Concen: 0.06 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

Tgt Ion: 112 Resp: 366
Ion Ratio Lower Upper
112 100
114 21.0 25.6 38.4#





#66

Ethyl Benzene

Concen: 0.10 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.01 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

Instrument :

MSVOA_X

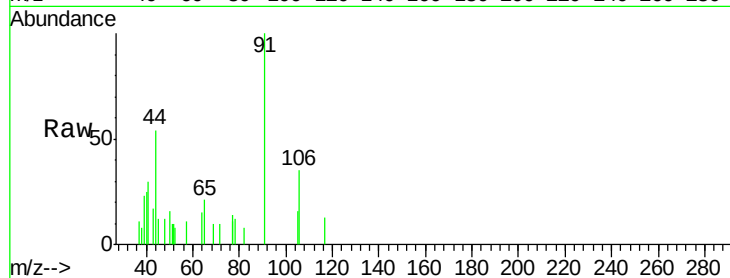
ClientSampled :

Tot Ion: 91 Resp: 1087

Ion Ratio Lower Upper

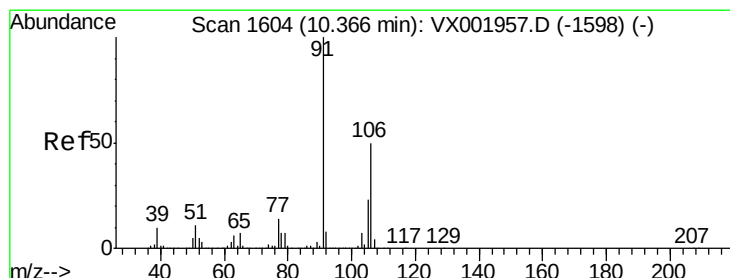
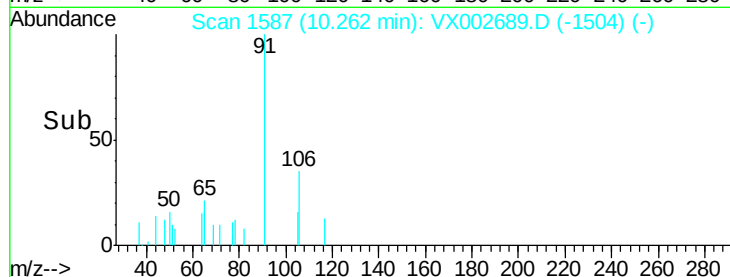
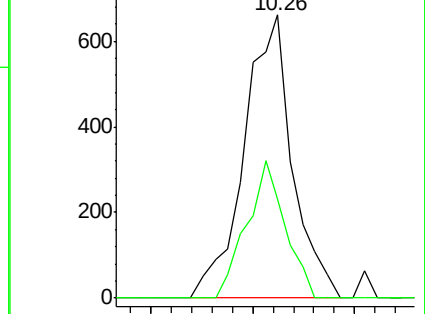
91 100

106 34.8 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#67

m/p-Xylenes

Concen: 0.37 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002689.D

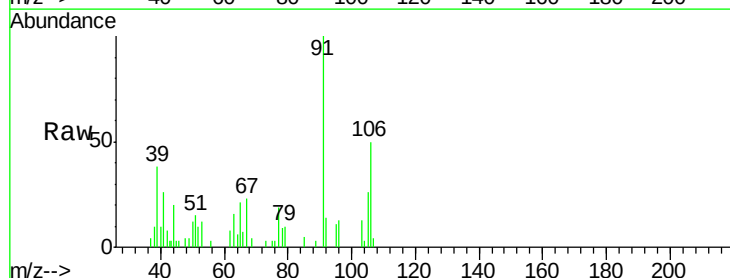
Acq: 18 Jun 2018 19:41

Tgt Ion: 106 Resp: 1612

Ion Ratio Lower Upper

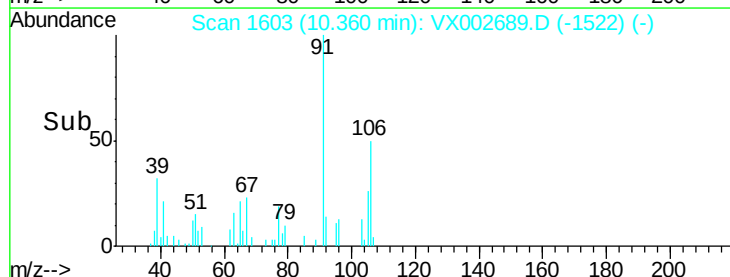
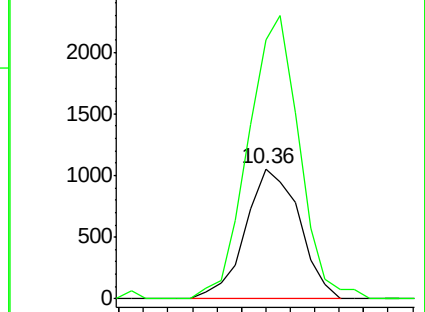
106 100

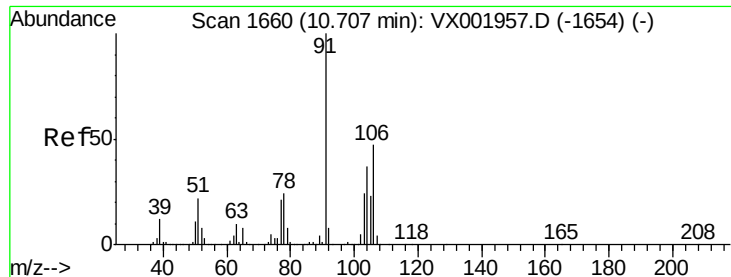
91 205.6 164.1 246.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

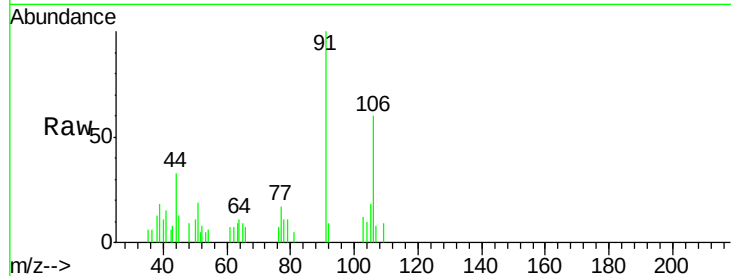




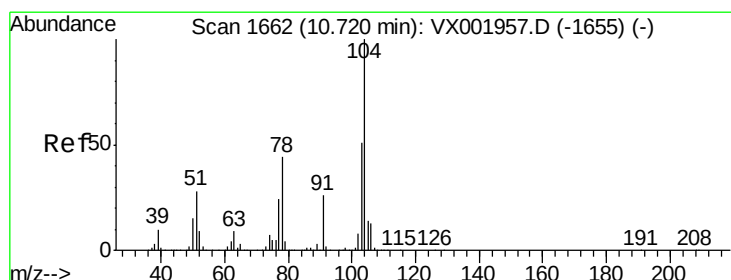
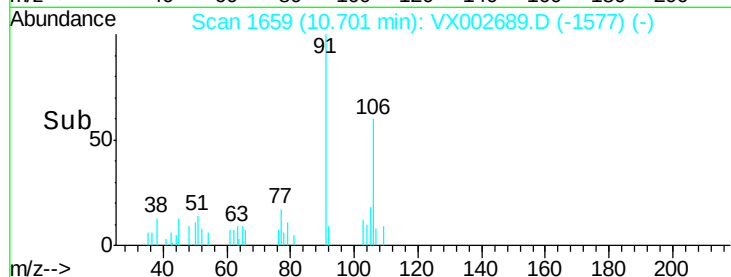
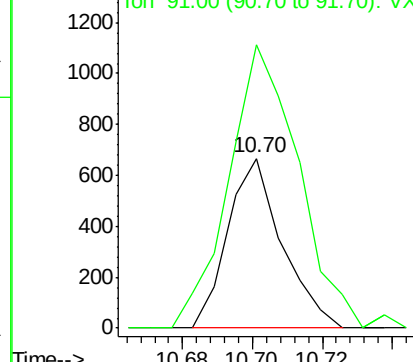
#68
o-Xylene
Concen: 0.17 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 722
Ion Ratio Lower Upper
106 100
91 212.6 109.1 327.3

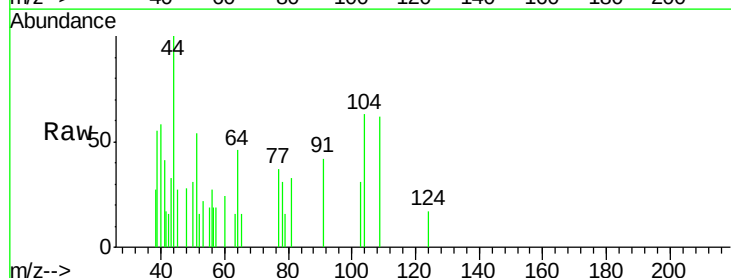


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

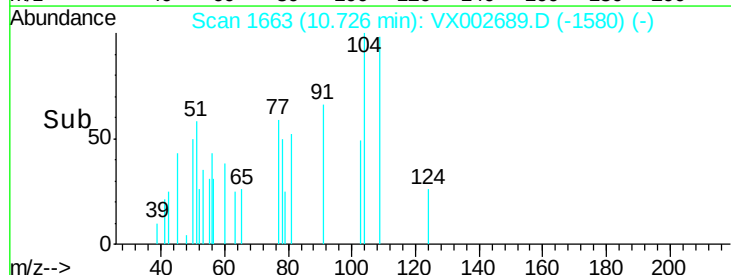
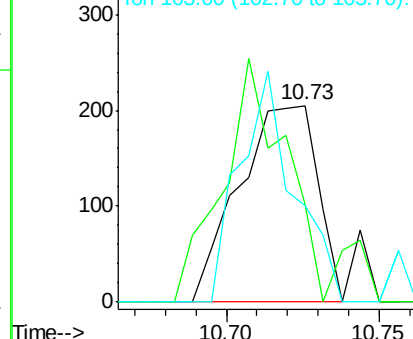


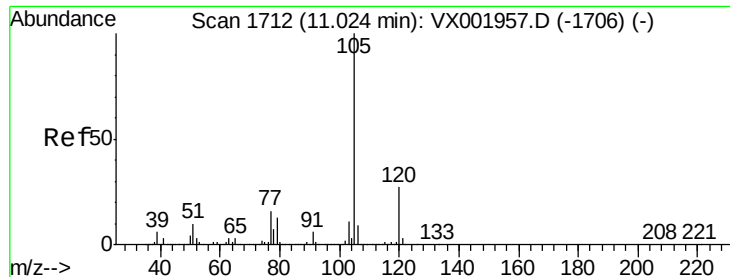
#69
Styrene
Concen: 0.05 ug/l
RT: 10.73 min Scan# 1663
Delta R.T. 0.01 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

Tgt Ion:104 Resp: 366
Ion Ratio Lower Upper
104 100
78 98.1 41.8 62.8#
103 81.4 44.9 67.3#



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





#70

Isopropylbenzene

Concen: 0.05 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

Instrument :

MSVOA_X

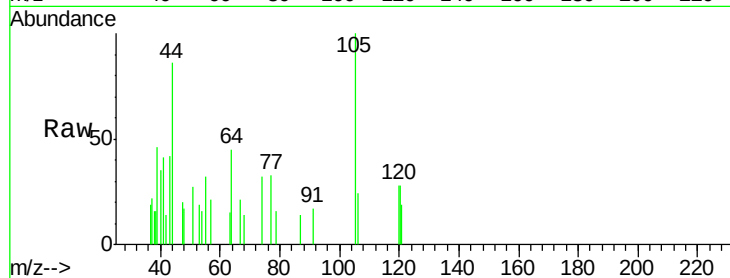
ClientSampleId :

Tot Ion: 105 Resp: 570

Ion Ratio Lower Upper

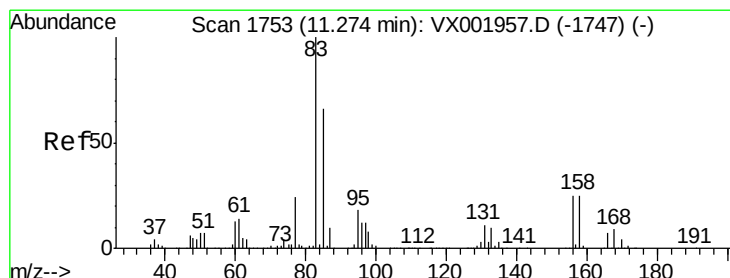
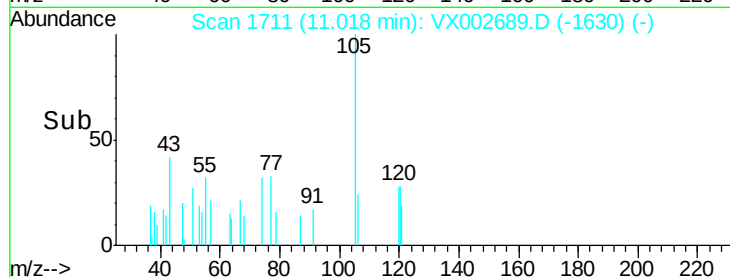
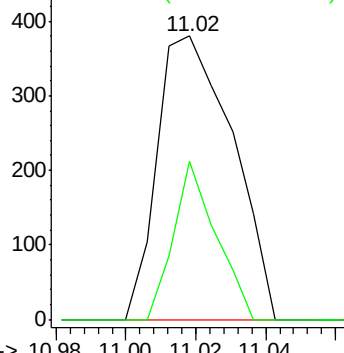
105 100

120 31.6 19.0 35.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#71

1,1,2,2-Tetrachloroethane

Concen: 0.03 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

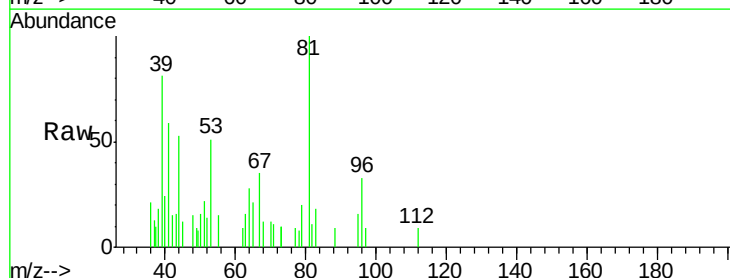
Tgt Ion: 83 Resp: 90

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

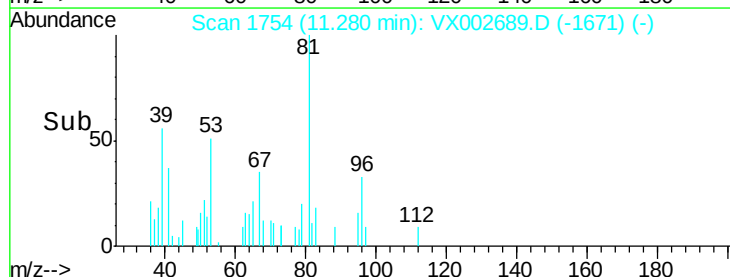
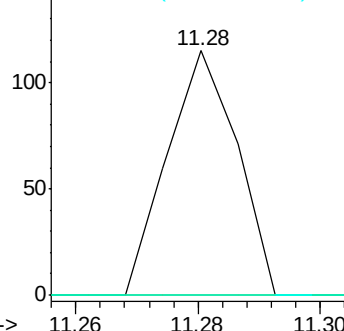
85 0.0 32.4 97.2#

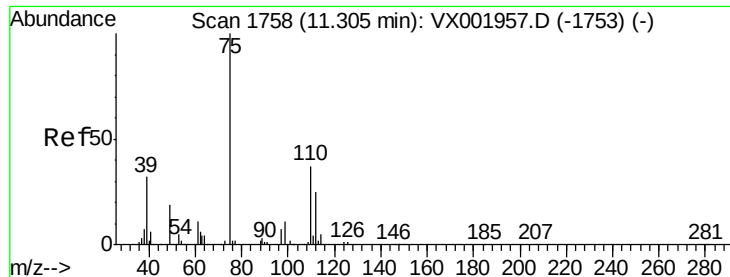


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0





#72

1,2,3-Trichloropropane

Concen: 0.01 ug/l

RT: 11.24 min Scan# 1748

Delta R.T. -0.06 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

Instrument :

MSVOA_X

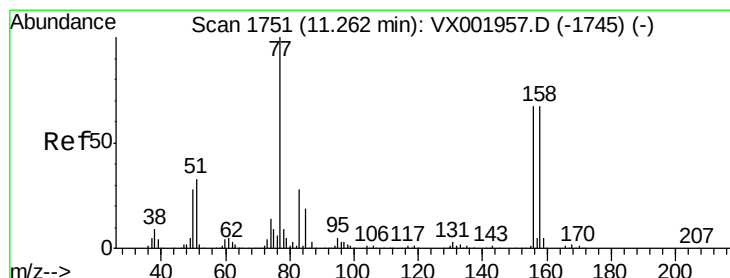
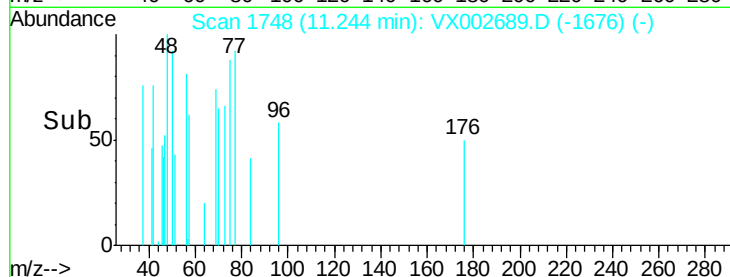
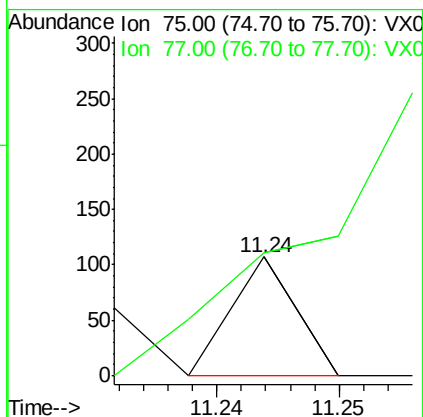
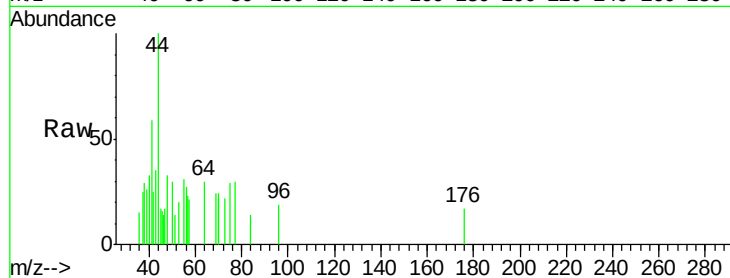
ClientSampled :

Tot Ion: 75 Resp: 39

Ion Ratio Lower Upper

75 100

77 728.2 0.0 71.8#



#73

Bromobenzene

Concen: 0.03 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

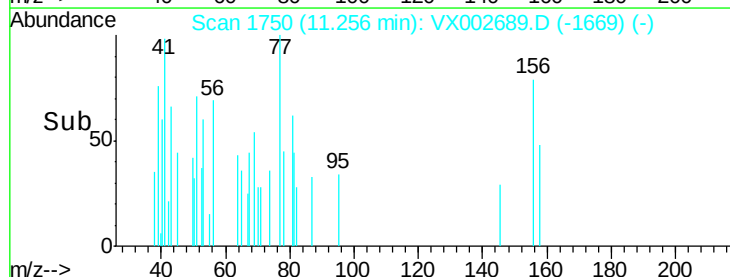
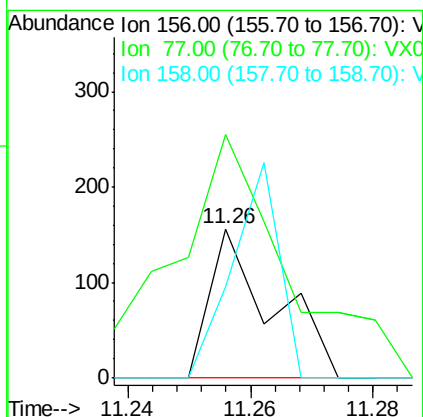
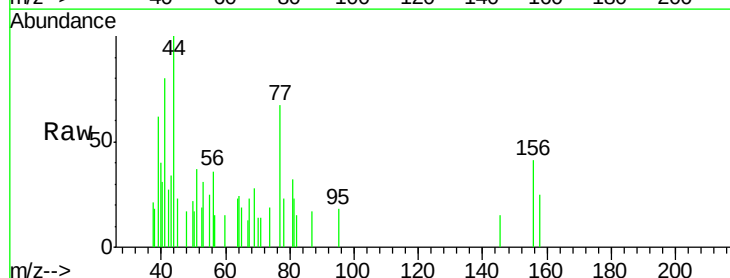
Tgt Ion: 156 Resp: 110

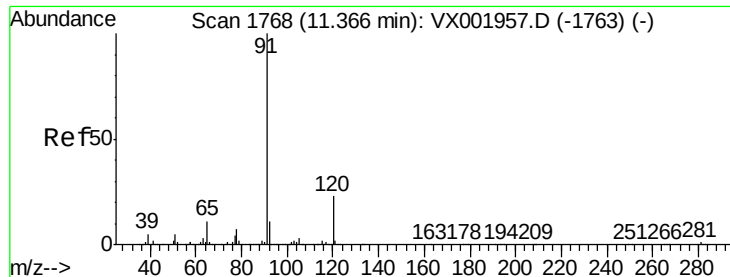
Ion Ratio Lower Upper

156 100

77 258.2 0.0 301.0

158 107.3 0.0 196.2





#74

n-propylbenzene

Concen: 0.08 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

Instrument :

MSVOA_X

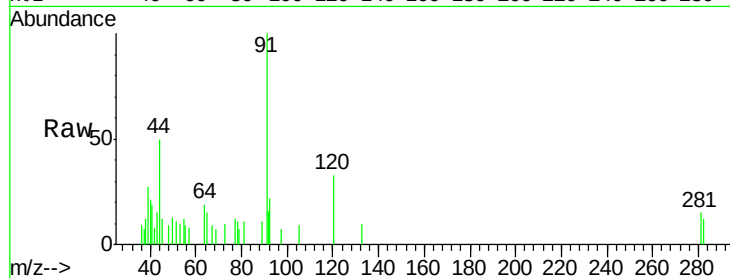
ClientSampleId :

Tot Ion: 91 Resp: 1125

Ion Ratio Lower Upper

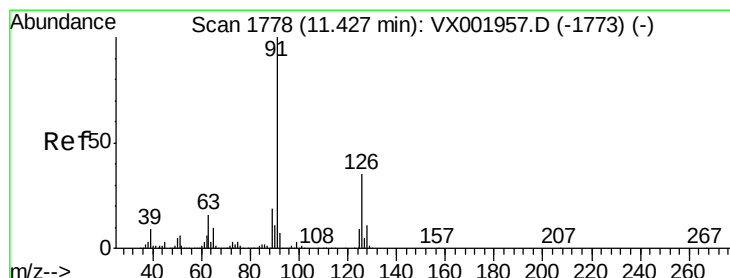
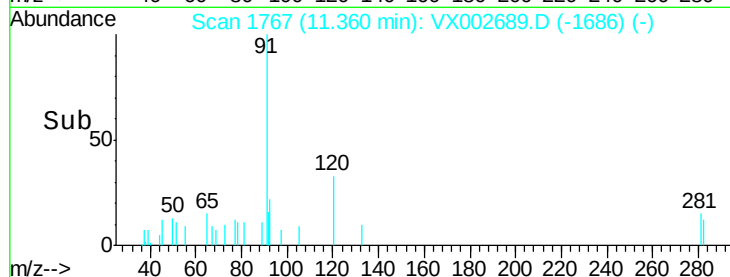
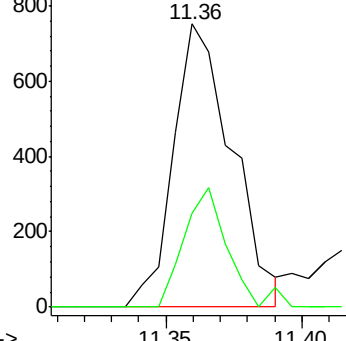
91 100

120 30.0 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#75

2-Chlorotoluene

Concen: 0.07 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002689.D

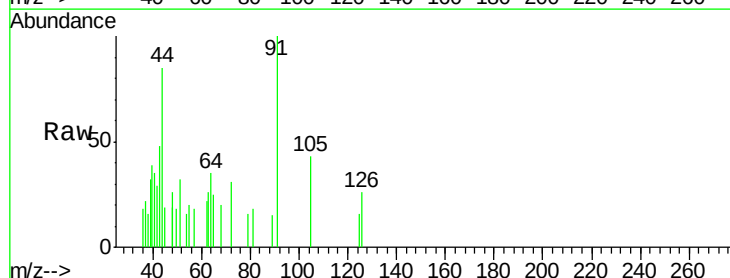
Acq: 18 Jun 2018 19:41

Tgt Ion: 91 Resp: 533

Ion Ratio Lower Upper

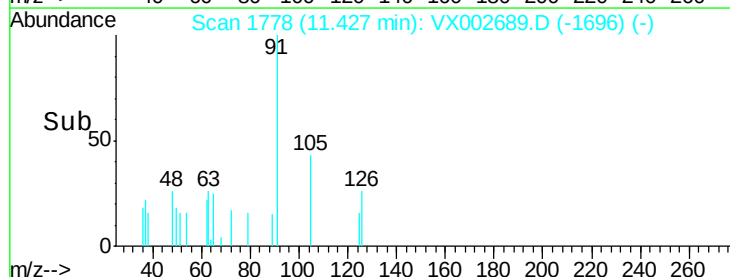
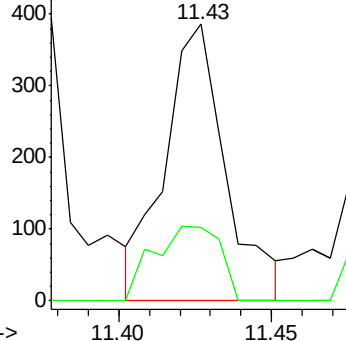
91 100

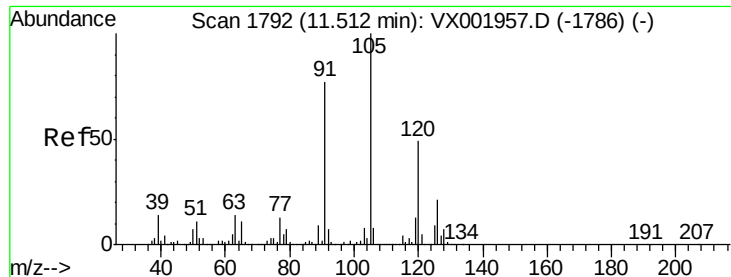
126 29.5 0.0 69.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

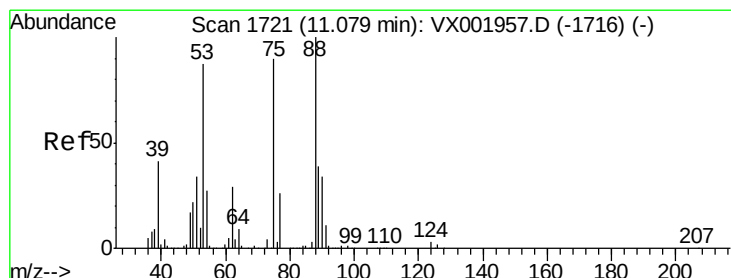
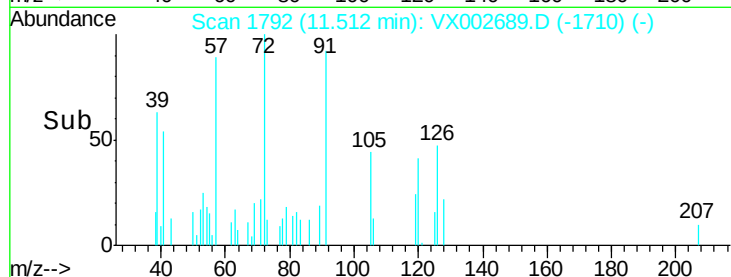
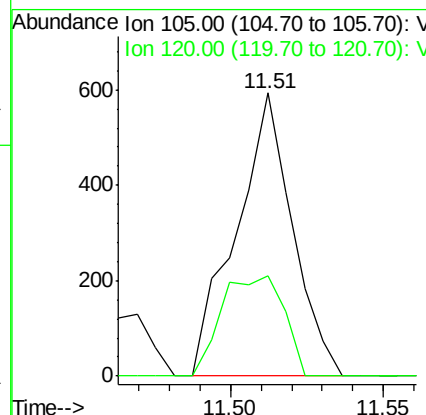
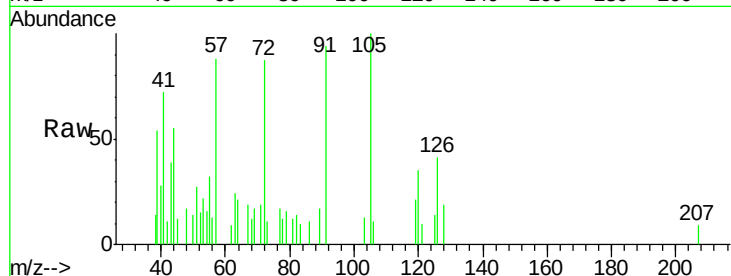




#76
 1,3,5-Trimethylbenzene
 Concen: 0.08 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX002689.D
 Acq: 18 Jun 2018 19:41

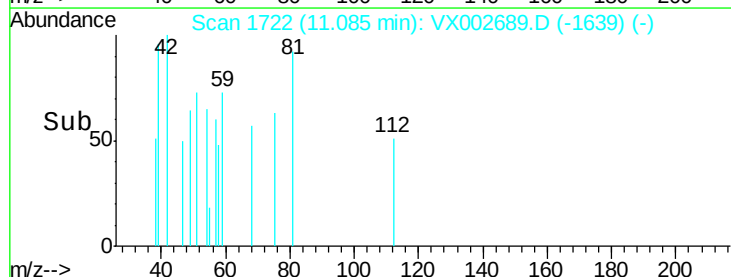
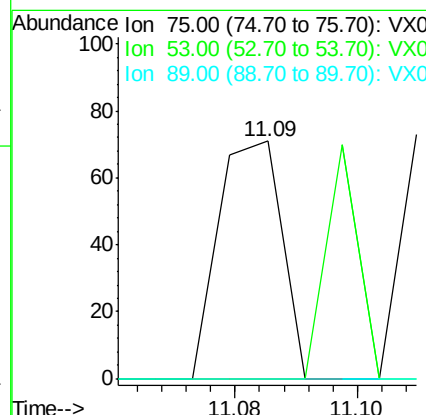
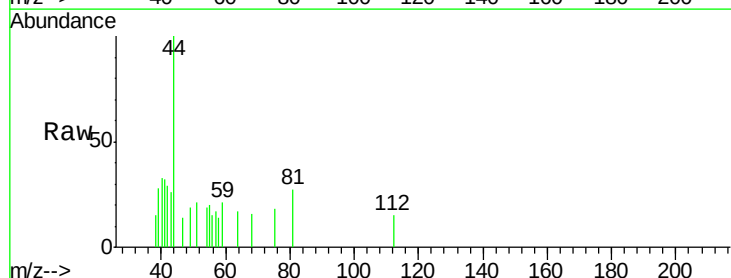
Instrument :
 MSVOA_X
 ClientSampleId :

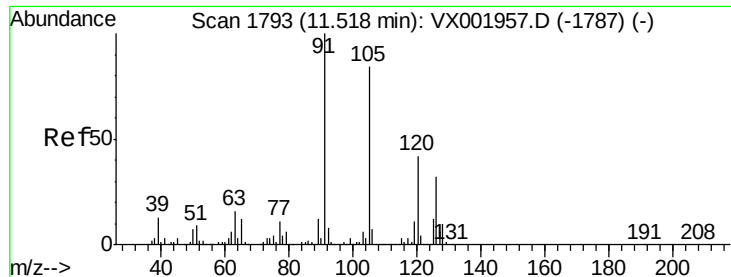
Tot Ion:105 Resp: 760
 Ion Ratio Lower Upper
 105 100
 120 38.9 0.0 96.8



#77
 t-1,4-Dichloro-2-butene
 Concen: 0.05 ug/l
 RT: 11.09 min Scan# 1722
 Delta R.T. 0.01 min
 Lab File: VX002689.D
 Acq: 18 Jun 2018 19:41

Tgt Ion: 75 Resp: 50
 Ion Ratio Lower Upper
 75 100
 53 0.0 48.3 144.9#
 89 0.0 21.8 65.4#

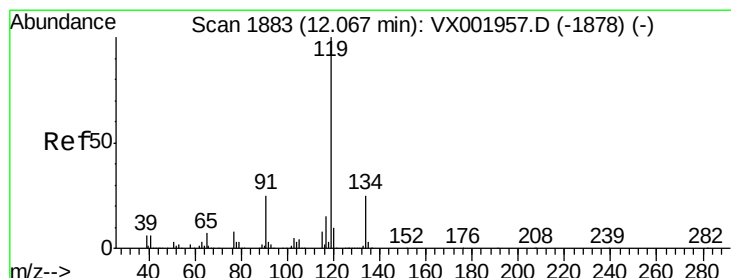
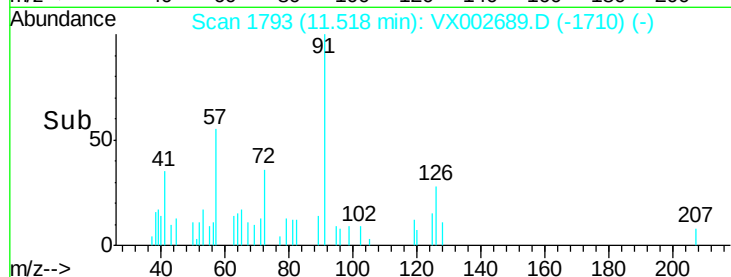
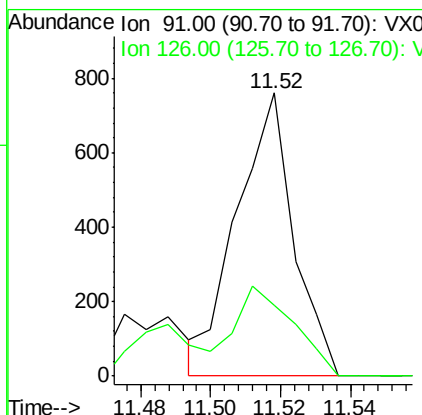
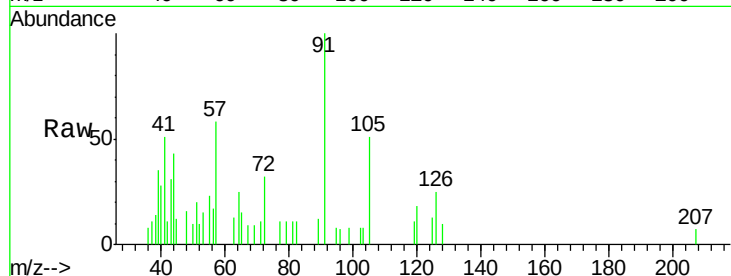




#78
4-Chlorotoluene
Concen: 0.09 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.01 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

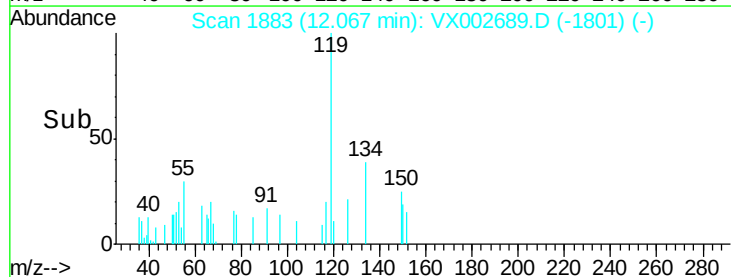
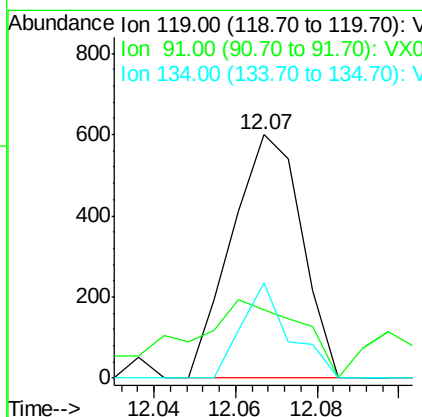
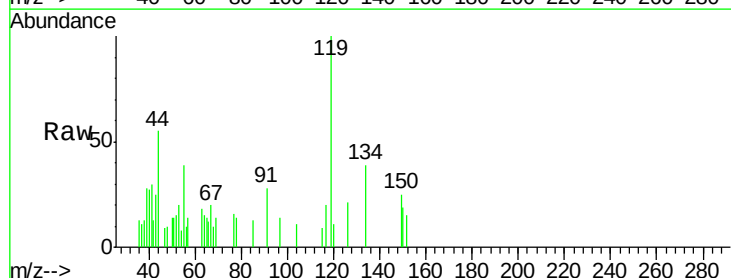
Instrument :
MSVOA_X
ClientSampleId :

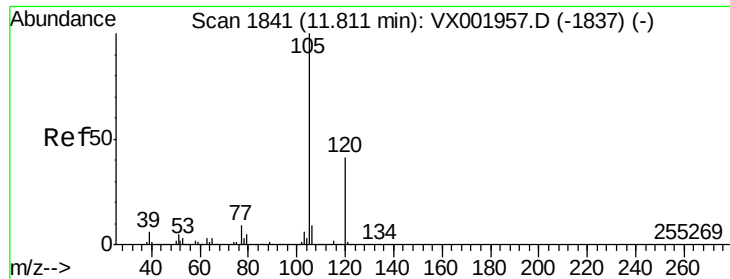
Tot Ion: 91 Resp: 852
Ion Ratio Lower Upper
91 100
126 32.6 0.0 61.0



#79
tert-butylbenzene
Concen: 0.07 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

Tgt Ion: 119 Resp: 716
Ion Ratio Lower Upper
119 100
91 38.4 0.0 48.0
134 27.0 0.0 52.6





#80

1,2,4-Trimethylbenzene

Concen: 0.16 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. 0.01 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

Instrument :

MSVOA_X

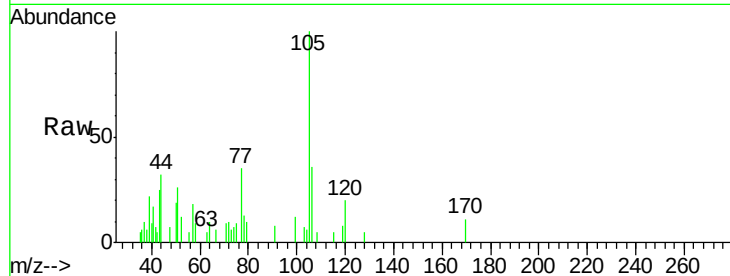
ClientSampleId :

Tot Ion:105 Resp: 1626

Ion Ratio Lower Upper

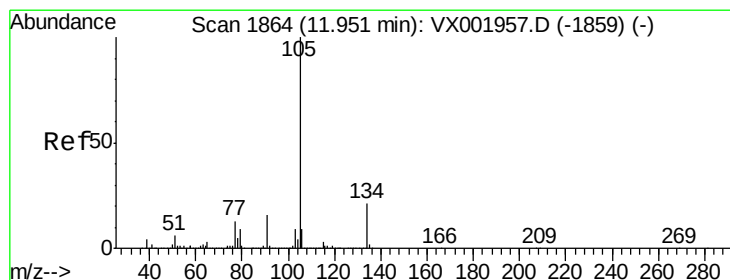
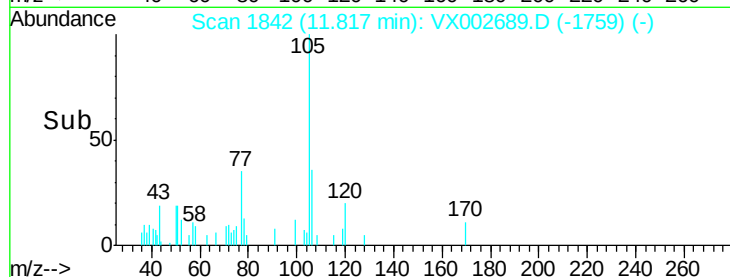
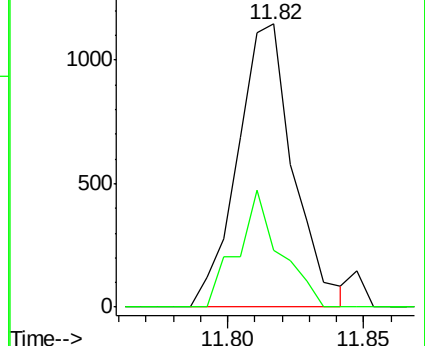
105 100

120 31.5 0.0 89.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

sec-Butylbenzene

Concen: 0.05 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002689.D

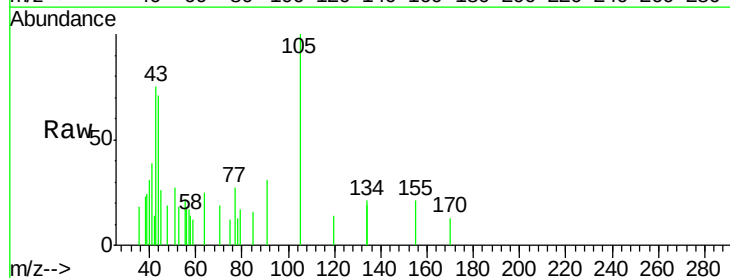
Acq: 18 Jun 2018 19:41

Tgt Ion:105 Resp: 649

Ion Ratio Lower Upper

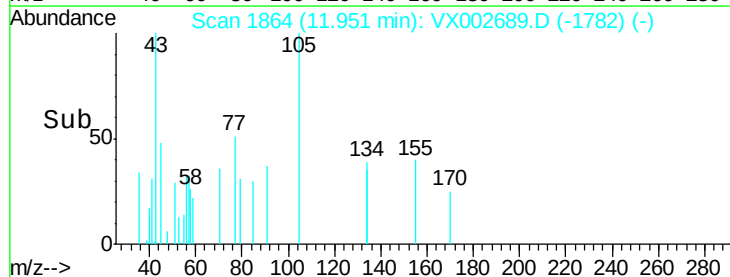
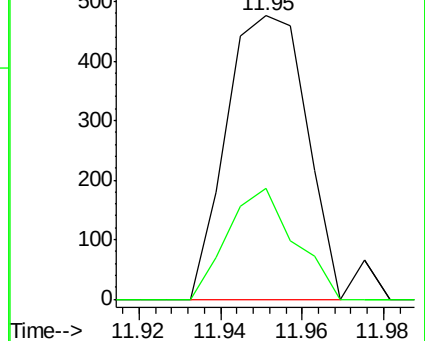
105 100

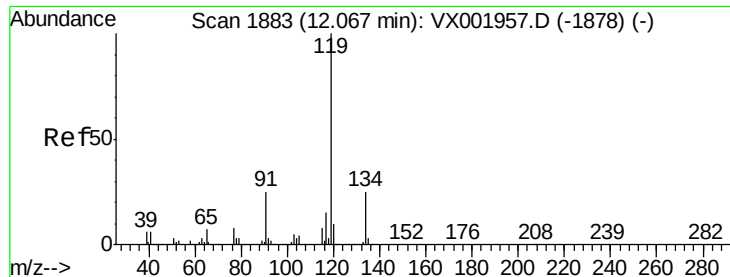
134 32.8 0.0 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

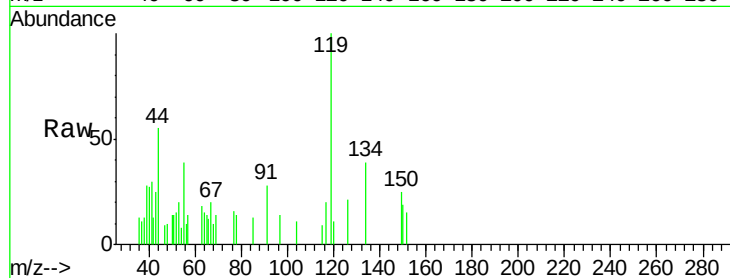




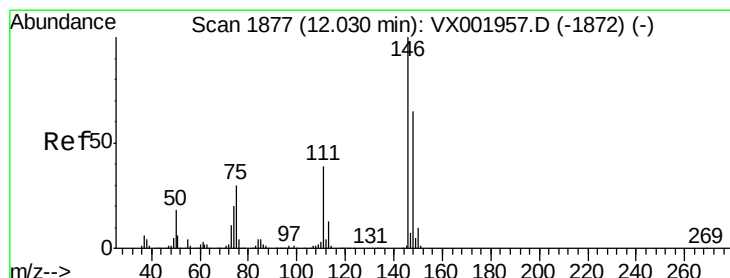
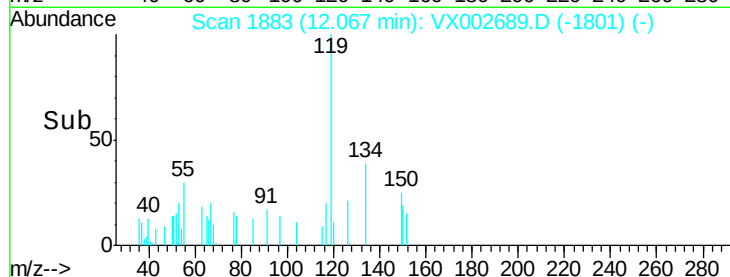
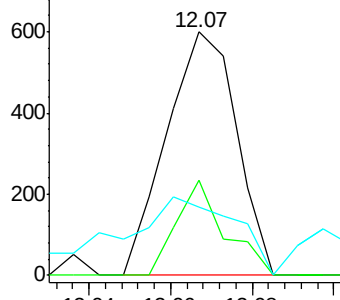
#82
 p-Isopropyltoluene
 Concen: 0.07 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX002689.D
 Acq: 18 Jun 2018 19:41

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.0	0.0	52.6
91	38.4	0.0	48.0

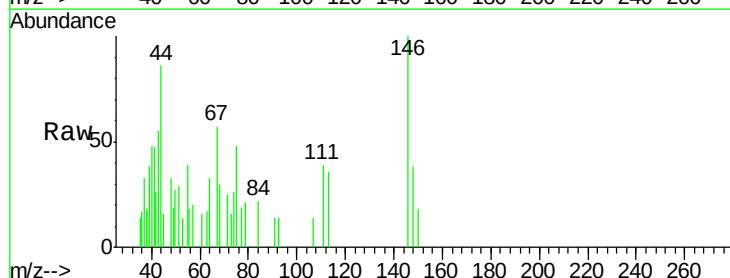


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): VX0

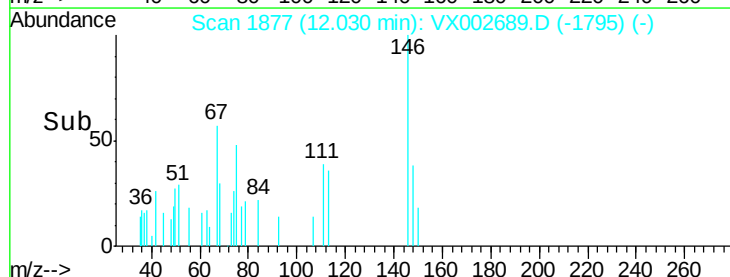
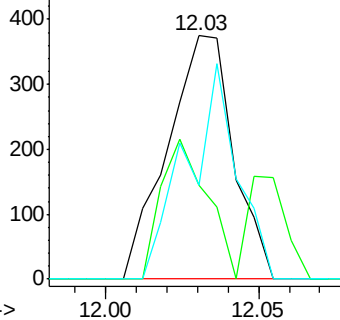


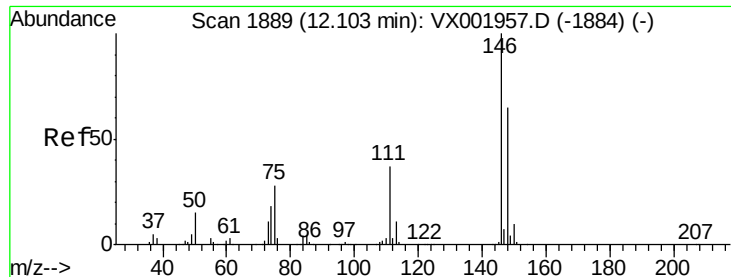
#83
 1,3-Dichlorobenzene
 Concen: 0.09 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002689.D
 Acq: 18 Jun 2018 19:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.1	57.5
148	67.3	31.9	95.7



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V





#84

1,4-Dichlorobenzene

Concen: 0.09 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.07 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

Instrument :

MSVOA_X

ClientSampled :

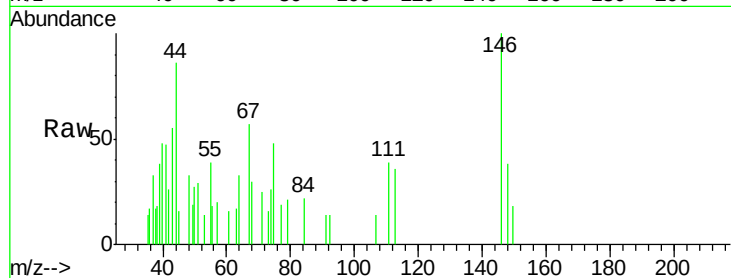
Tot Ion:146 Resp: 563

Ion Ratio Lower Upper

146 100

111 40.0 18.5 55.5

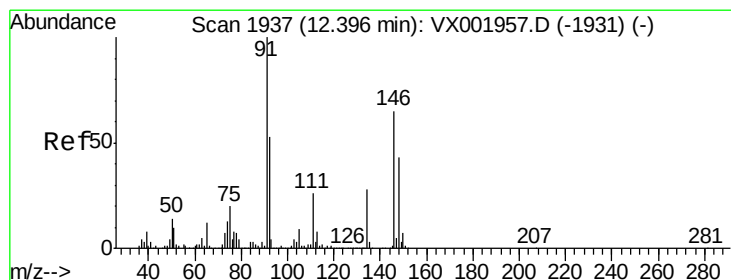
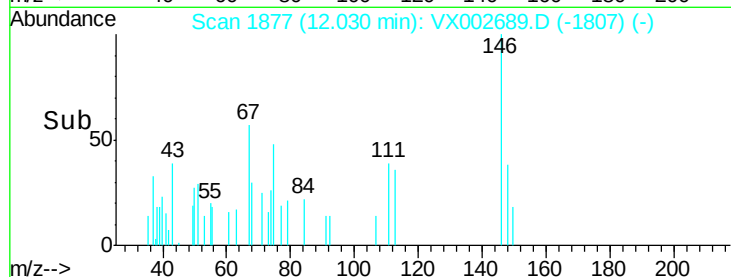
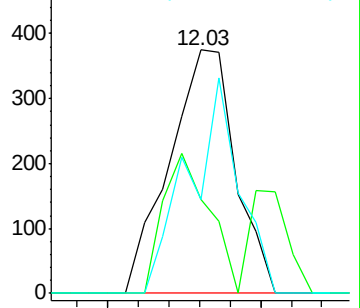
148 67.3 32.0 96.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#85

n-Butylbenzene

Concen: 0.16 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

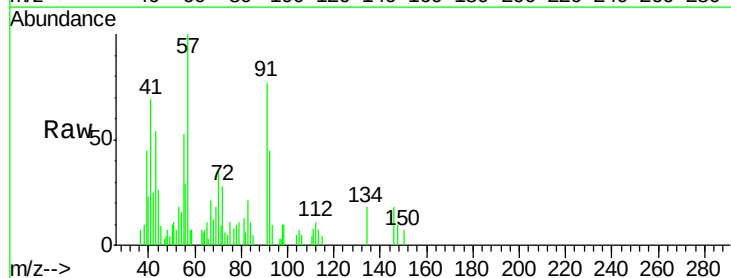
Tgt Ion: 91 Resp: 1521

Ion Ratio Lower Upper

91 100

92 57.8 0.0 105.2

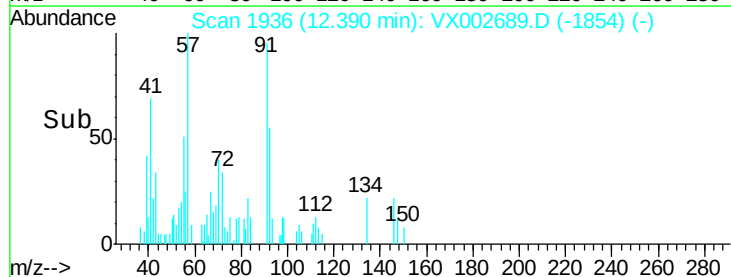
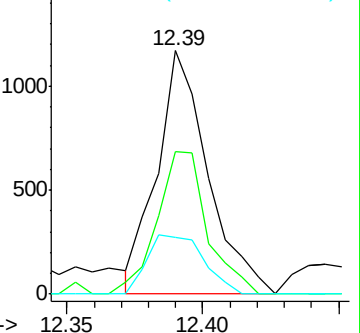
134 27.0 0.0 53.2

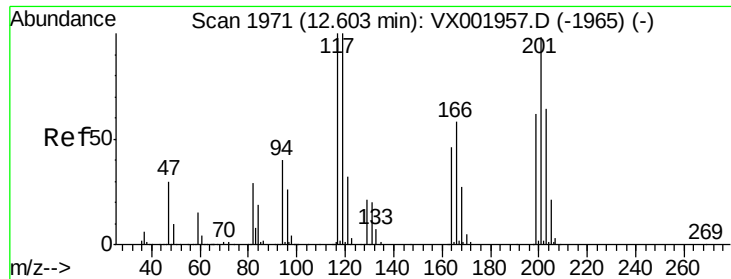


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#86

Hexachloroethane

Concen: 0.03 ug/l

RT: 12.76 min Scan# 1997

Delta R.T. 0.16 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

Instrument :

MSVOA_X

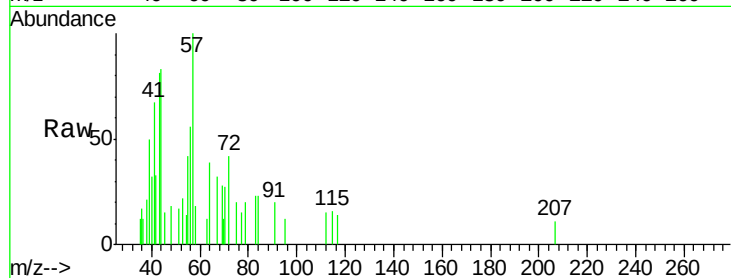
ClientSampled :

Tot Ion:117 Resp: 46

Ion Ratio Lower Upper

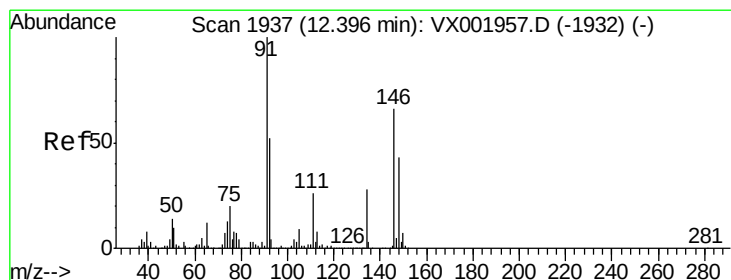
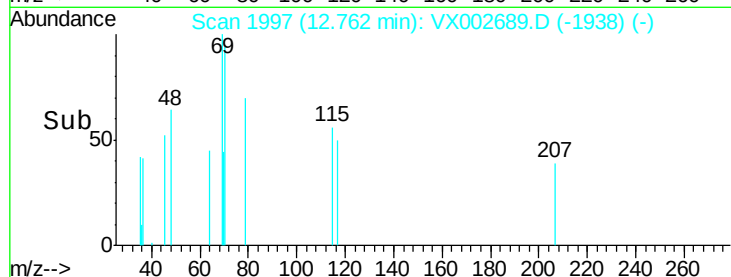
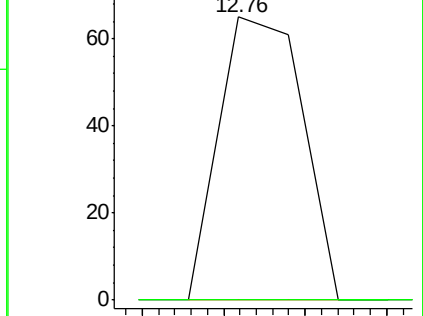
117 100

201 0.0 47.6 142.8#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V



#87

1,2-Dichlorobenzene

Concen: 0.08 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

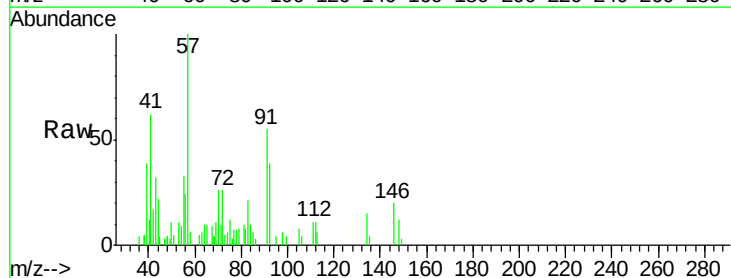
Tgt Ion:146 Resp: 487

Ion Ratio Lower Upper

146 100

111 44.8 20.0 59.9

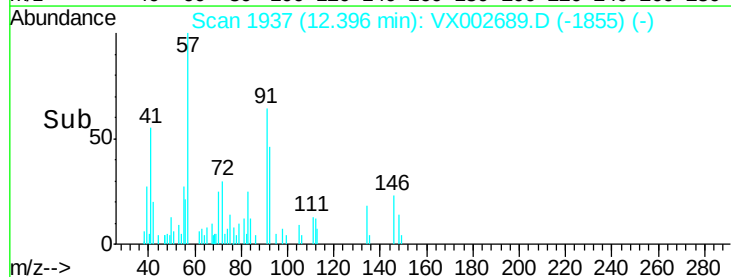
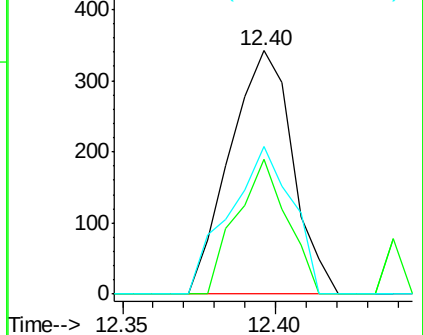
148 61.0 32.8 98.3

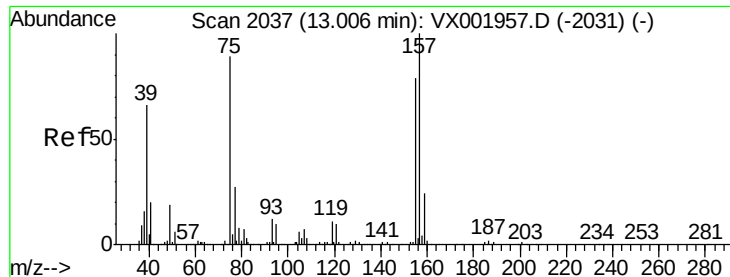


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#88

1,2-Dibromo-3-Chloropropane

Concen: 0.07 ug/l

RT: 13.10 min Scan# 2053

Delta R.T. 0.10 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

Instrument :

MSVOA_X

ClientSampled :

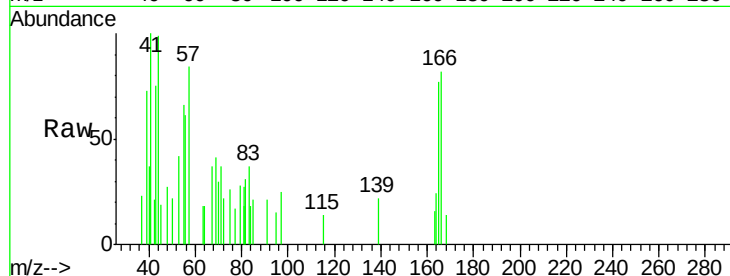
Tot Ion: 75 Resp: 58

Ion Ratio Lower Upper

75 100

155 46.6 73.1 109.7#

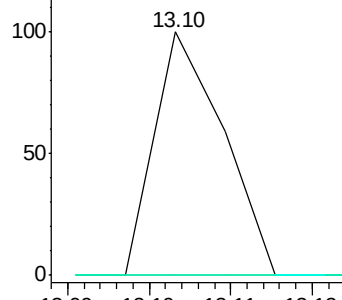
157 0.0 93.1 139.7#



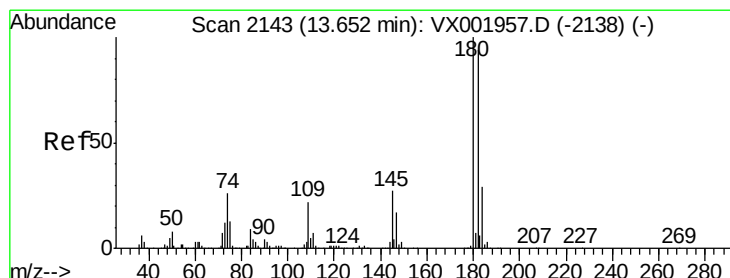
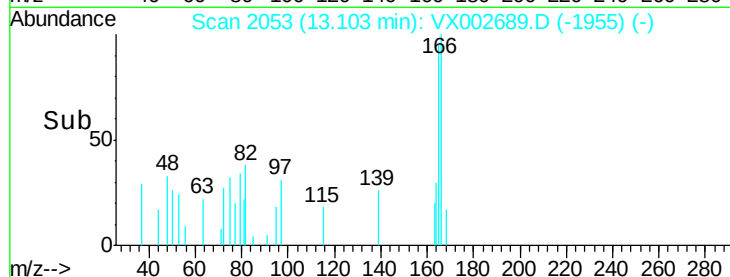
Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V



Time--> 13.09 13.10 13.11 13.12



#89

1,2,4-Trichlorobenzene

Concen: 0.11 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.37 min

Lab File: VX002689.D

Acq: 18 Jun 2018 19:41

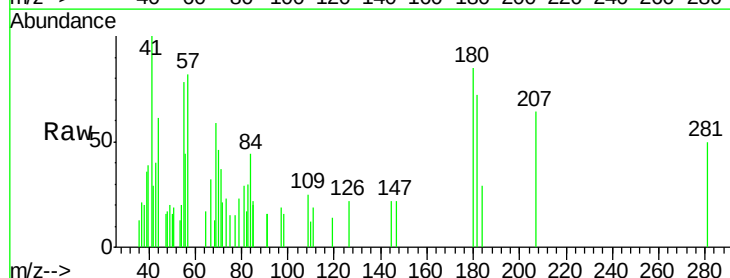
Tgt Ion:180 Resp: 480

Ion Ratio Lower Upper

180 100

182 87.7 76.4 114.6

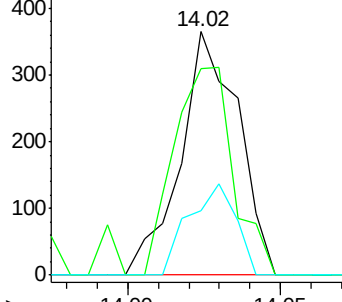
145 30.4 22.9 34.3



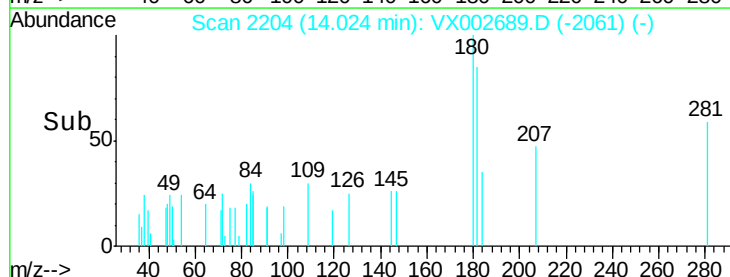
Abundance Ion 180.00 (179.70 to 180.70): V

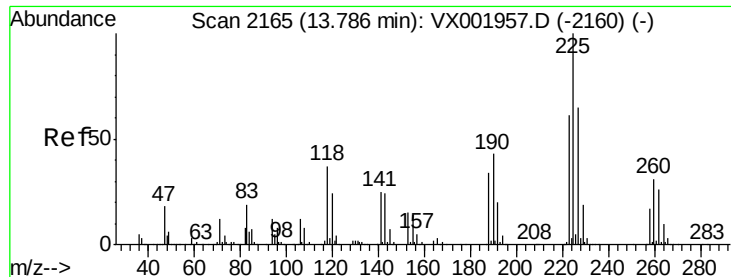
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



Time--> 14.00 14.05

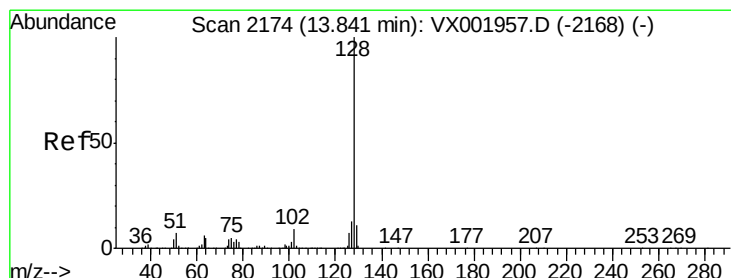
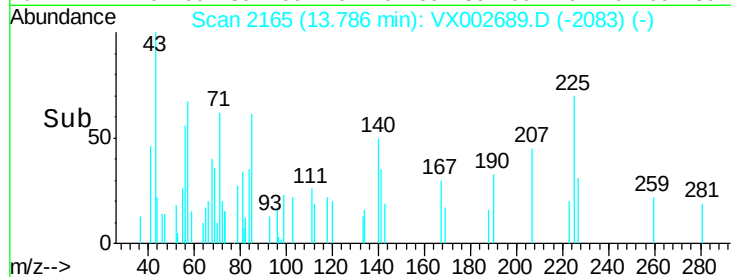
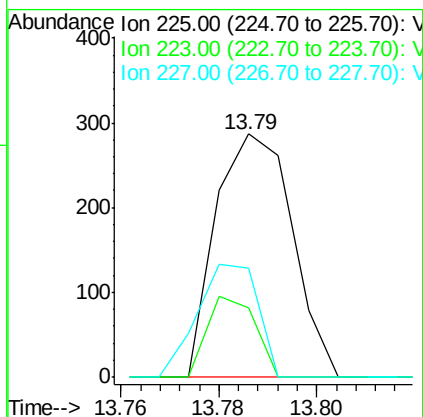
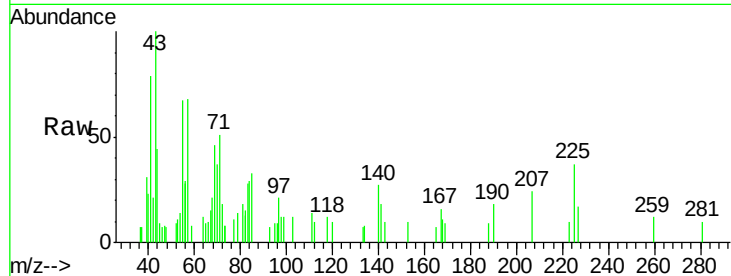




#90
Hexachlorobutadiene
Concen: 0.13 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

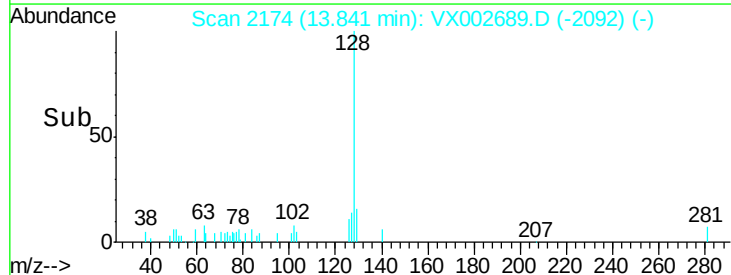
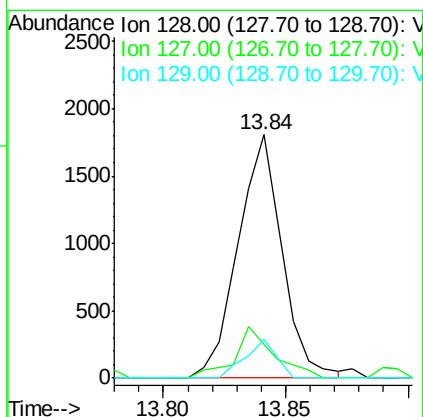
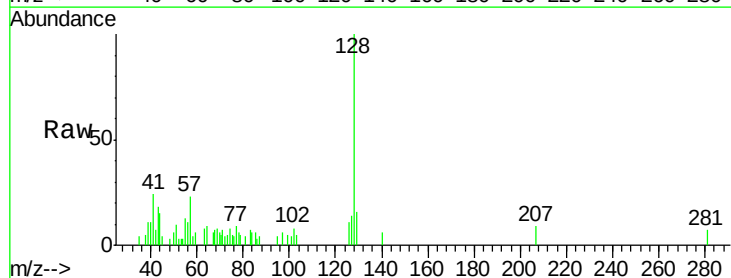
Instrument :
MSVOA_X
ClientSampleId :

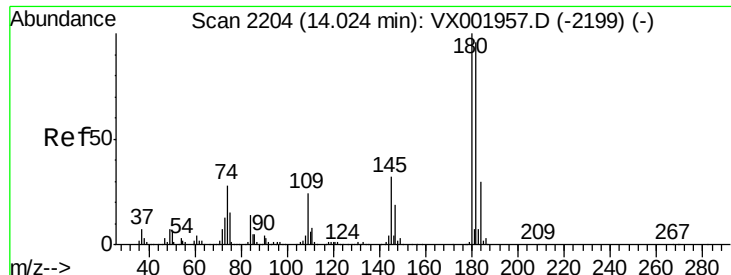
Tot Ion:225	Resp:	311
Ion	Ratio	Lower Upper
225	100	
223	20.6	0.0 122.4
227	36.7	0.0 128.0



#91
Naphthalene
Concen: 0.19 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002689.D
Acq: 18 Jun 2018 19:41

Tgt Ion:128	Resp:	2272
Ion	Ratio	Lower Upper
128	100	
127	16.5	10.3 15.5#
129	11.2	8.9 13.3





#92
 1,2,3-Trichlorobenzene
 Concen: 0.11 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX002689.D
 Acq: 18 Jun 2018 19:41

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 480
 Ion Ratio Lower Upper
 180 100
 182 87.7 0.0 191.0
 145 30.4 0.0 60.6

