

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002742.D
 Acq On : 20 Jun 2018 15:27
 Operator : JC/MD
 Sample : VX0620WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 21 03:58:08 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	258124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	358132	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	339800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211712	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	177725	45.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.62%	
35) Dibromofluoromethane	5.51	113	142517	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	8.72	98	515288	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
62) 4-Bromofluorobenzene	11.14	95	194176	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	56938	20.78	ug/l	99
3) Chloromethane	1.32	50	56862	17.44	ug/l	99
4) Vinyl Chloride	1.40	62	64455	19.06	ug/l	90
5) Bromomethane	1.64	94	27754	13.60	ug/l	99
6) Chloroethane	1.72	64	46007	20.64	ug/l	97
7) Trichlorofluoromethane	1.93	101	113610	20.67	ug/l	98
8) Diethyl Ether	2.19	74	38875	18.60	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	63283	20.60	ug/l	99
10) Methyl Iodide	2.51	142	43818	14.66	ug/l	99
11) Tert butyl alcohol	3.08	59	68871	84.93	ug/l	98
12) 1,1-Dichloroethene	2.37	96	55755	19.33	ug/l	99
13) Acrolein	2.30	56	44668	121.14	ug/l	99
14) Allyl chloride	2.73	41	109667	19.15	ug/l	98
15) Acrylonitrile	3.15	53	170531	96.37	ug/l	99
16) Acetone	2.45	43	184165	106.42	ug/l	99
17) Carbon Disulfide	2.57	76	148163	21.66	ug/l	99
18) Methyl Acetate	2.78	43	92547	20.07	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	205127	18.96	ug/l	98
20) Methylene Chloride	2.86	84	63047	17.77	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	59904	19.15	ug/l	94
22) Diisopropyl ether	3.88	45	202047	19.50	ug/l	99
23) Vinyl Acetate	3.83	43	863565	99.59	ug/l	99
24) 1,1-Dichloroethane	3.70	63	116517	20.72	ug/l	100
25) 2-Butanone	4.71	43	238426	104.91	ug/l	99
26) 2,2-Dichloropropane	4.59	77	85889	21.26	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	64509	20.26	ug/l	97
28) Bromochloromethane	5.03	49	53582	20.35	ug/l	97
29) Tetrahydrofuran	5.17	42	146620	98.44	ug/l	96
30) Chloroform	5.22	83	115145	21.23	ug/l	99
31) Cyclohexane	5.58	56	93533	20.20	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	98446	21.71	ug/l	100
36) 1,1-Dichloropropene	5.81	75	81116	21.33	ug/l	98
37) Ethyl Acetate	4.87	43	90258	20.97	ug/l	99
38) Carbon Tetrachloride	5.79	117	87933	23.22	ug/l	94

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 21 03:58:08 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)
39) Methylcyclohexane	7.46	83	95401	21.46	ug/l	97
40) Benzene	6.15	78	243859	21.38	ug/l	99
41) Methacrylonitrile	5.07	41	51813	21.32	ug/l	97
42) 1,2-Dichloroethane	6.20	62	95849	21.71	ug/l	99
43) Isopropyl Acetate	6.47	43	147598	20.69	ug/l	100
44) Trichloroethene	7.22	130	69858	21.22	ug/l	99
45) 1,2-Dichloropropane	7.52	63	64010	21.33	ug/l	99
46) Dibromomethane	7.67	93	43957	21.89	ug/l	99
47) Bromodichloromethane	7.90	83	80207	22.65	ug/l	100
48) Methyl methacrylate	7.79	41	75105	20.60	ug/l	97
49) 1,4-Dioxane	7.76	88	26271	380.59	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	481094	105.05	ug/l	99
52) Toluene	8.79	92	158430	21.78	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	90301	20.73	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	83980	20.79	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	63165	21.49	ug/l	98
56) Ethyl methacrylate	9.18	69	93530	20.67	ug/l	98
57) 1,3-Dichloropropane	9.38	76	106411	21.40	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	217097	99.22	ug/l	99
59) 2-Hexanone	9.50	43	367434	106.47	ug/l	98
60) Dibromochloromethane	9.59	129	63969	21.65	ug/l	100
61) 1,2-Dibromoethane	9.68	107	67426	22.15	ug/l	99
64) Tetrachloroethene	9.34	164	74111	19.65	ug/l	98
65) Chlorobenzene	10.14	112	179697	21.53	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	63891	22.46	ug/l	99
67) Ethyl Benzene	10.26	91	303179	21.54	ug/l	98
68) m/p-Xylenes	10.36	106	235781	43.43	ug/l	99
69) o-Xylene	10.70	106	113569	21.29	ug/l	99
70) Styrene	10.71	104	187926	21.42	ug/l	100
71) Bromoform	10.86	173	48501	21.75	ug/l #	98
73) Isopropylbenzene	11.02	105	306758	21.66	ug/l	99
74) N-amyl acetate	6.47	43	147598	20.98	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	97128	23.23	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	102010	25.53	ug/l	81
77) Bromobenzene	11.26	156	87159	22.10	ug/l	95
78) n-propylbenzene	11.37	91	352196	21.69	ug/l	100
79) 2-Chlorotoluene	11.43	91	208358	21.49	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	260029	21.73	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	20332	19.11	ug/l	91
82) 4-Chlorotoluene	11.51	91	248538	21.72	ug/l	100
83) tert-Butylbenzene	11.77	119	255411	22.16	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	267736	21.93	ug/l	98
85) sec-Butylbenzene	11.95	105	308920	21.55	ug/l	99
86) p-Isopropyltoluene	12.07	119	280994	21.67	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	155521	21.50	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	158094	21.48	ug/l	100
89) n-Butylbenzene	12.39	91	238610	20.86	ug/l	99
90) Hexachloroethane	12.60	117	38360	20.60	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	158383	21.75	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20069	22.91	ug/l	98

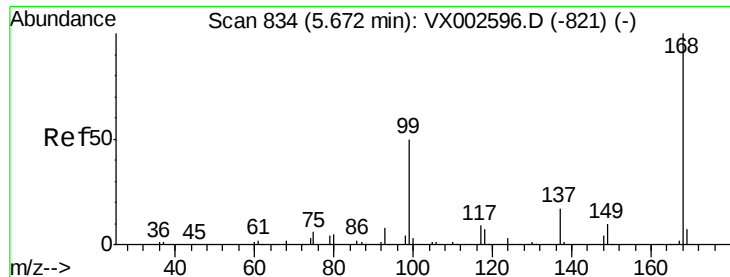
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	112983	21.38	ug/l	99
94) Hexachlorobutadiene	13.79	225	59121	21.24	ug/l	99
95) Naphthalene	13.84	128	319516	22.47	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	115512	21.76	ug/l	100

(#) = 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: VX002742.D

Acq: 20 Jun 2018 15:27

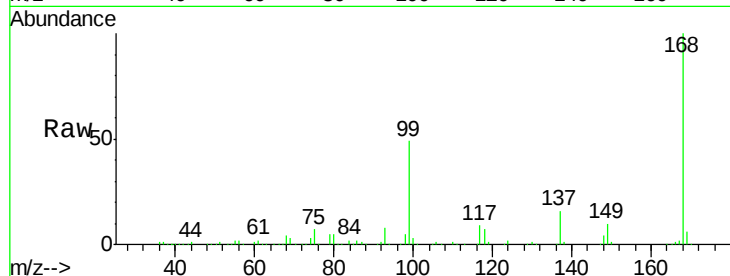
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 258124

Ion Ratio Lower Upper

168 100

99 49.0 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

100000

80000

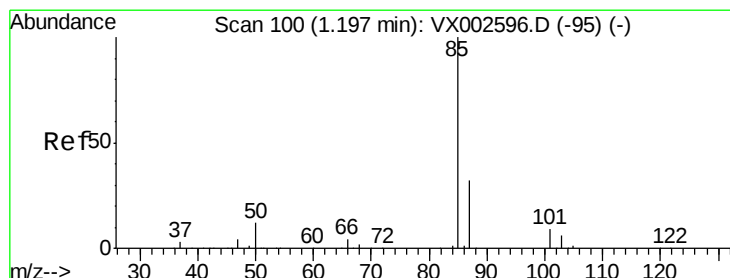
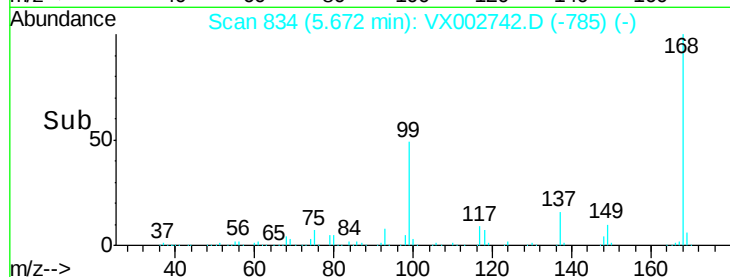
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.78 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002742.D

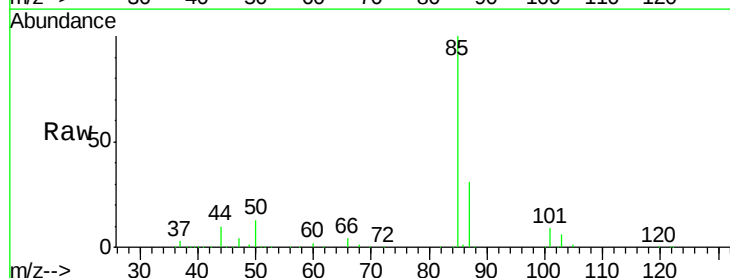
Acq: 20 Jun 2018 15:27

Tgt Ion: 85 Resp: 56938

Ion Ratio Lower Upper

85 100

87 31.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

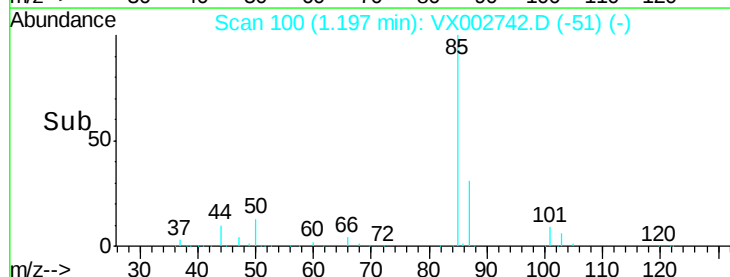
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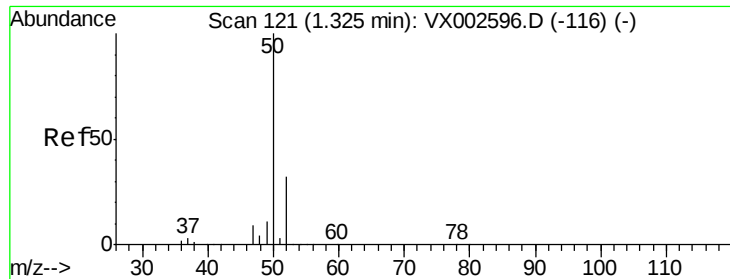
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 17.44 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

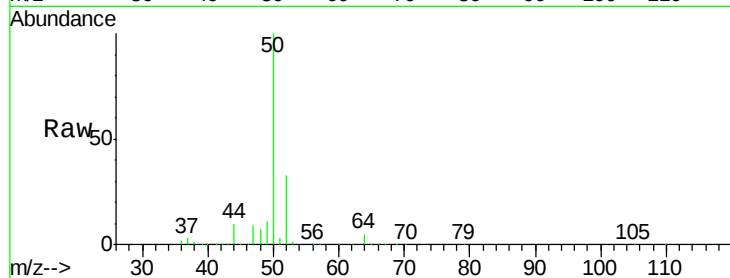
ClientSampleId :

Tot Ion: 50 Resp: 56862

Ion Ratio Lower Upper

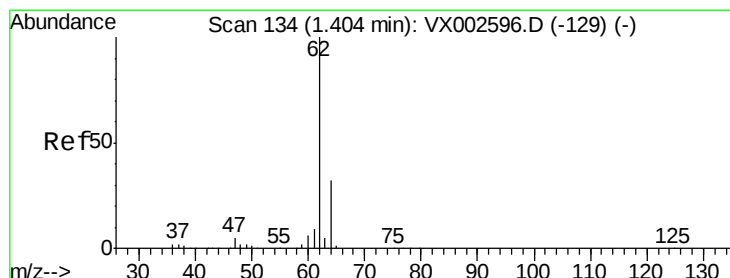
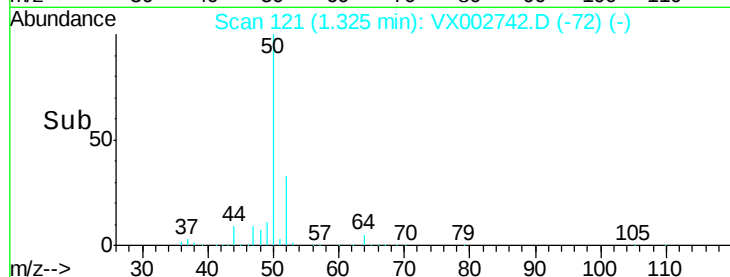
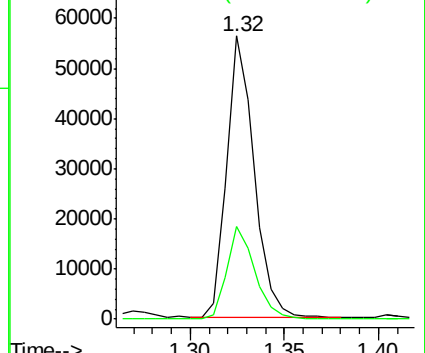
50 100

52 32.9 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.06 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002742.D

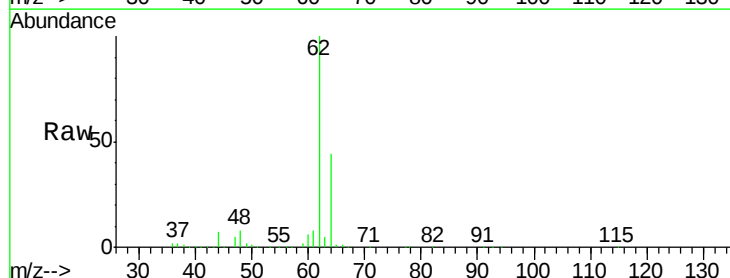
Acq: 20 Jun 2018 15:27

Tgt Ion: 62 Resp: 64455

Ion Ratio Lower Upper

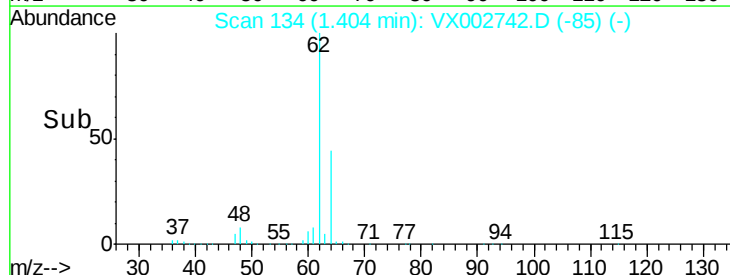
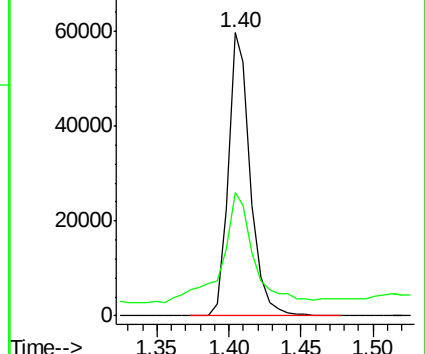
62 100

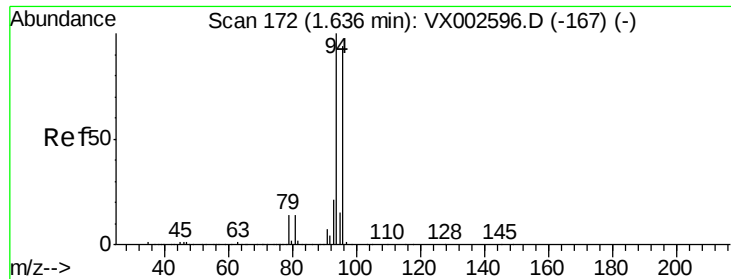
64 37.5 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 13.60 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

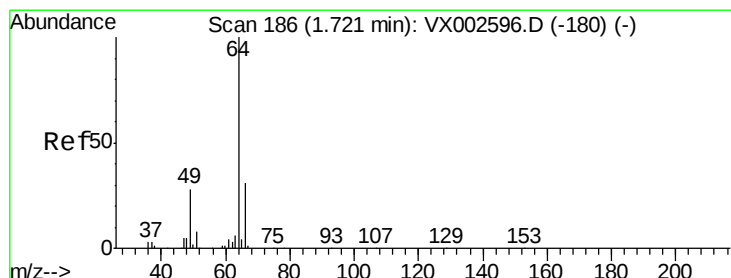
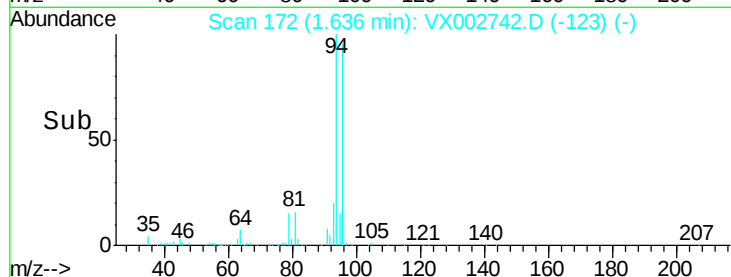
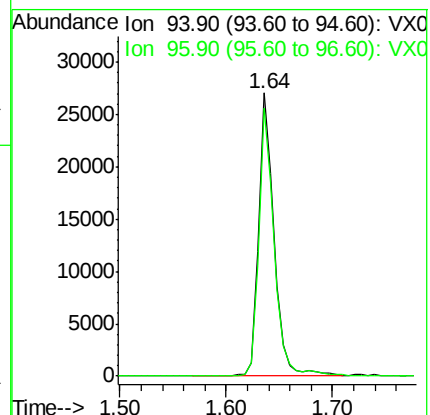
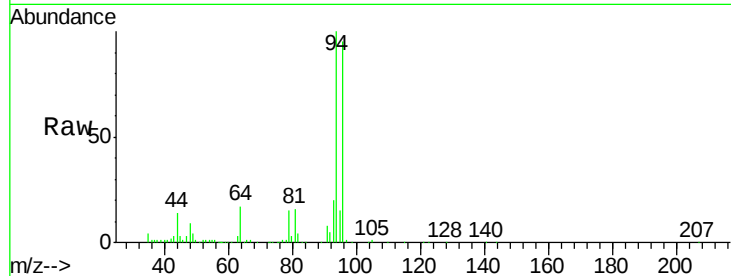
ClientSampled :

Tot Ion: 94 Resp: 27754

Ion Ratio Lower Upper

94 100

96 94.5 74.9 112.3



#6

Chloroethane

Concen: 20.64 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002742.D

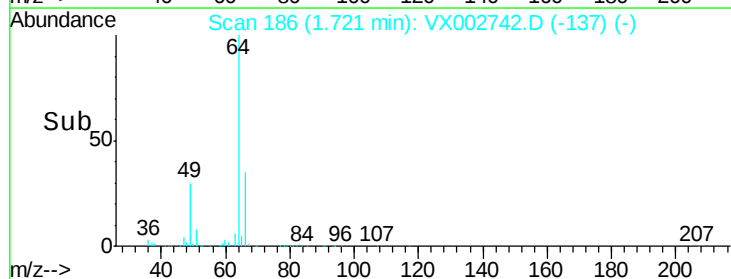
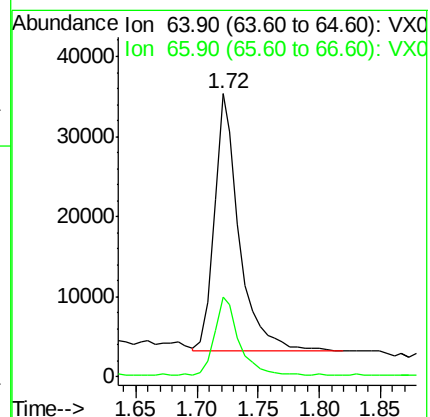
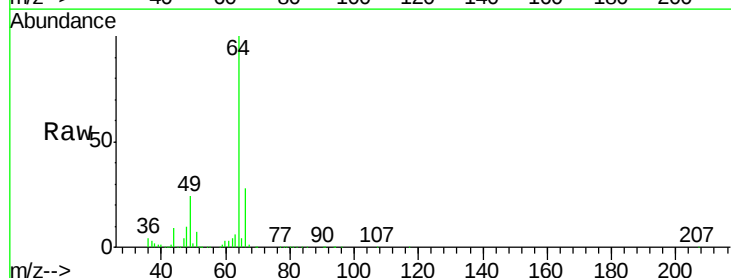
Acq: 20 Jun 2018 15:27

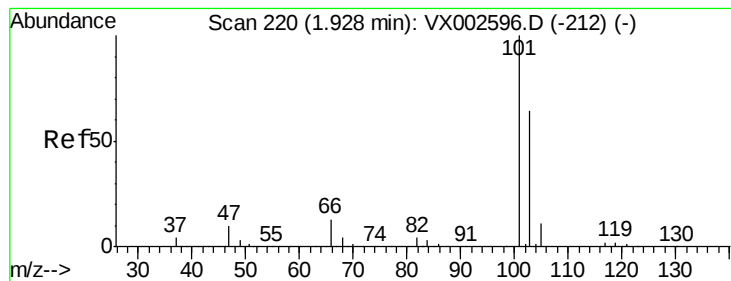
Tgt Ion: 64 Resp: 46007

Ion Ratio Lower Upper

64 100

66 30.3 25.5 38.3



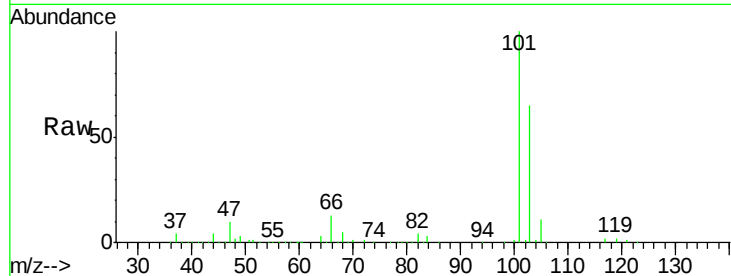


#7

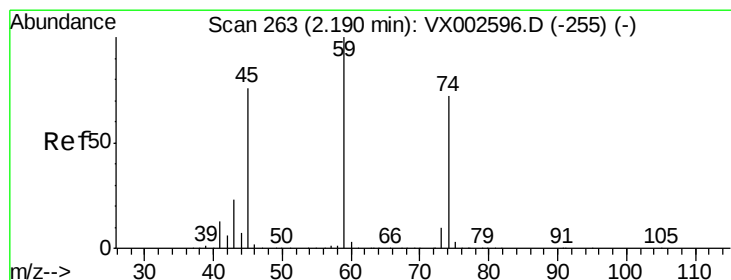
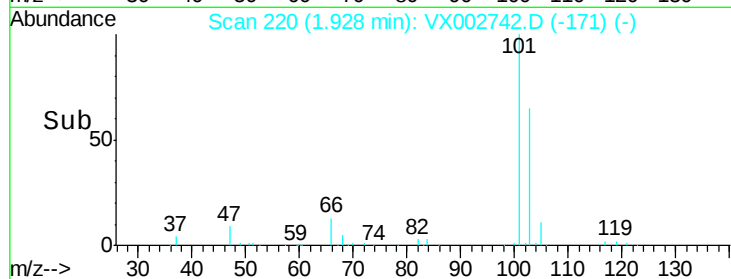
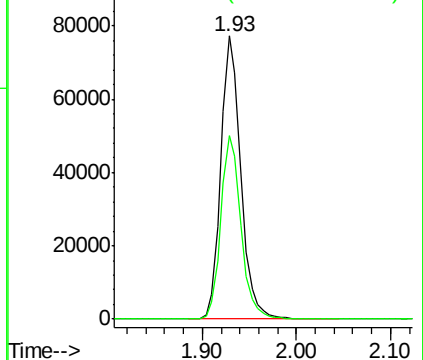
Trichlorofluoromethane
 Concen: 20.67 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:101 Resp: 113610
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.8 79.2



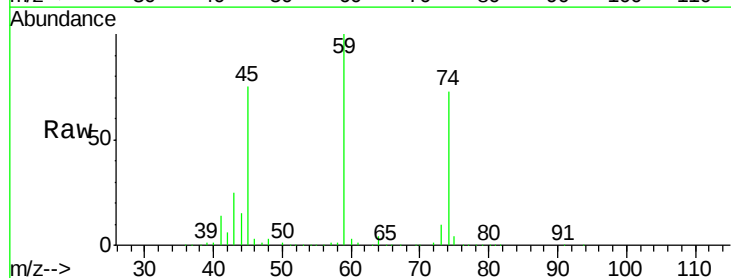
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



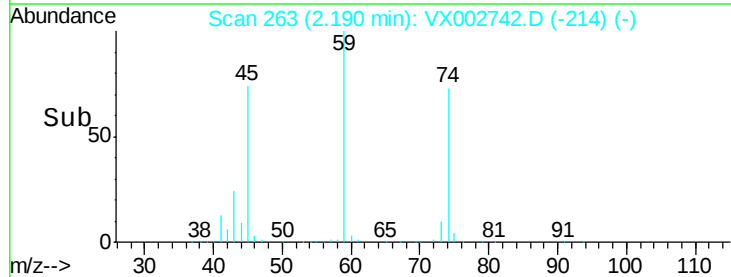
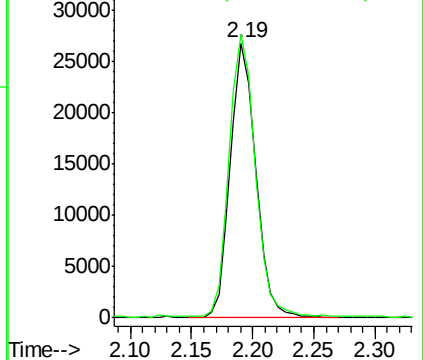
#8

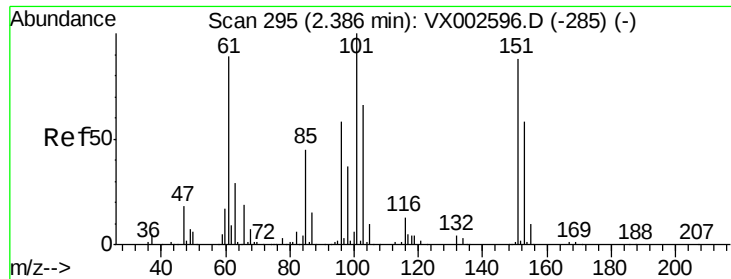
Diethyl Ether
 Concen: 18.60 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Tgt Ion: 74 Resp: 38875
 Ion Ratio Lower Upper
 74 100
 45 104.7 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.60 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampled :

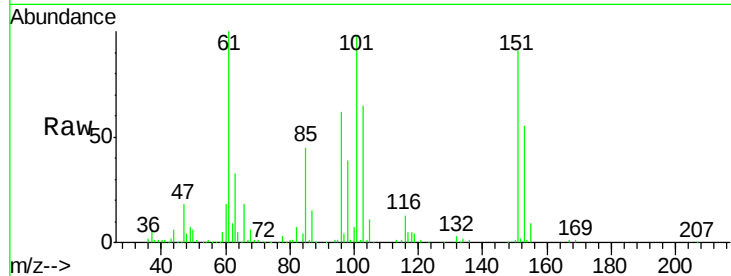
Tot Ion:101 Resp: 63283

Ion Ratio Lower Upper

101 100

85 45.7 36.0 54.0

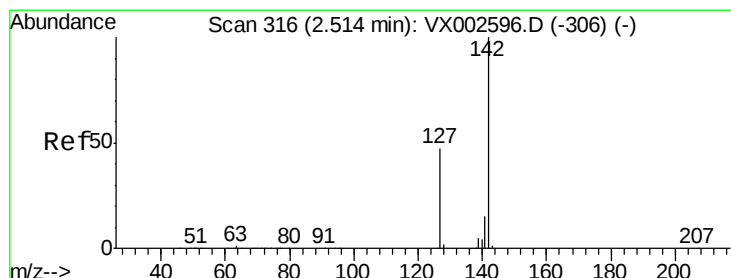
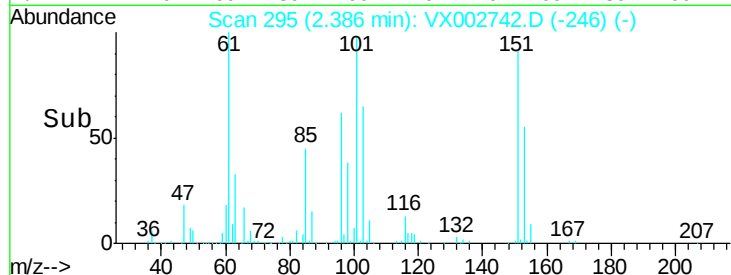
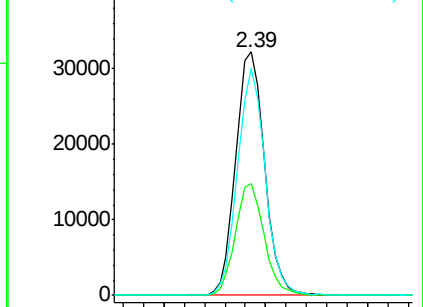
151 89.8 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.66 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

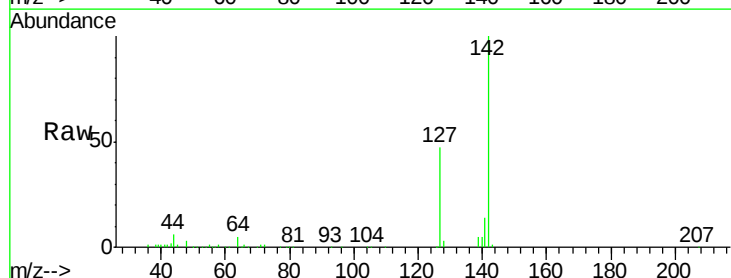
Tgt Ion:142 Resp: 43818

Ion Ratio Lower Upper

142 100

127 46.3 36.6 55.0

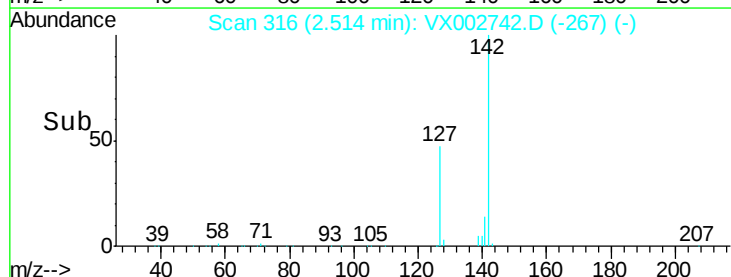
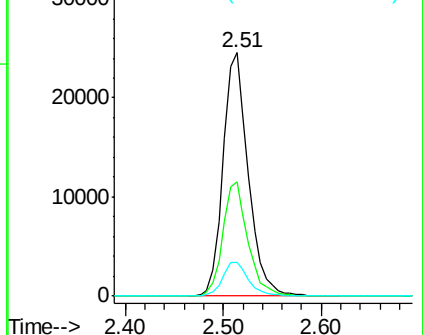
141 14.3 11.3 16.9

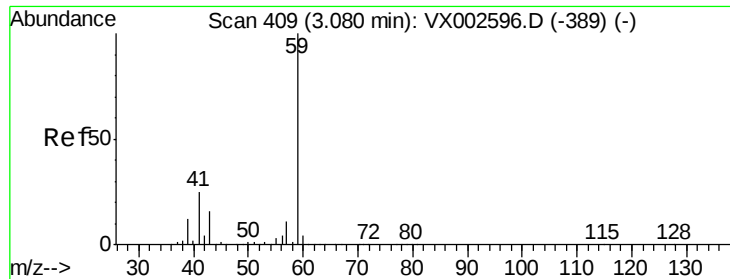


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



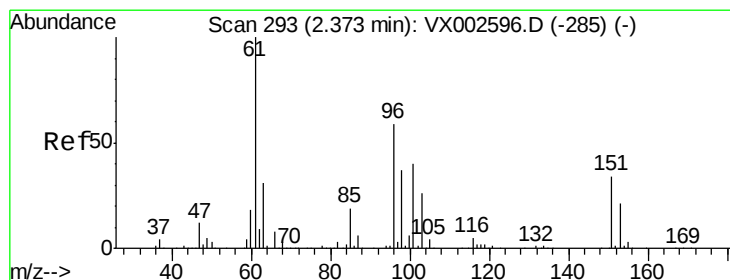
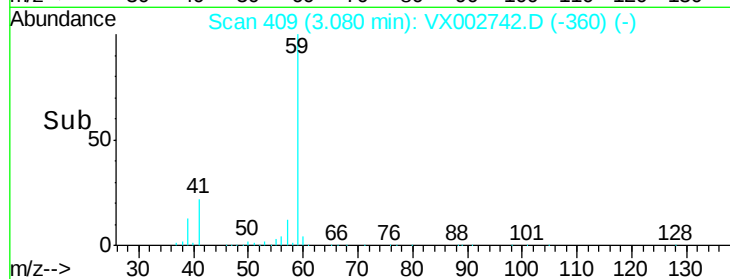
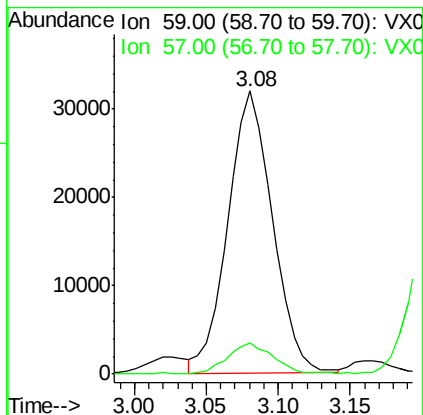
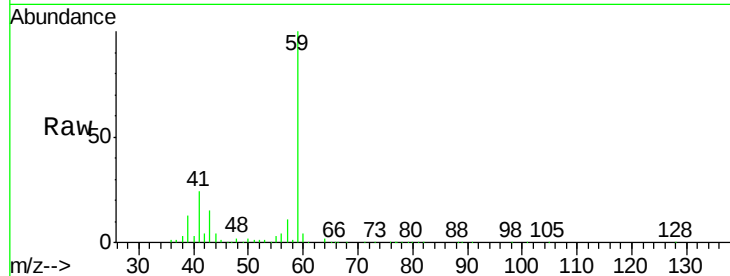


#11

Tert butyl alcohol
Concen: 84.93 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampled :

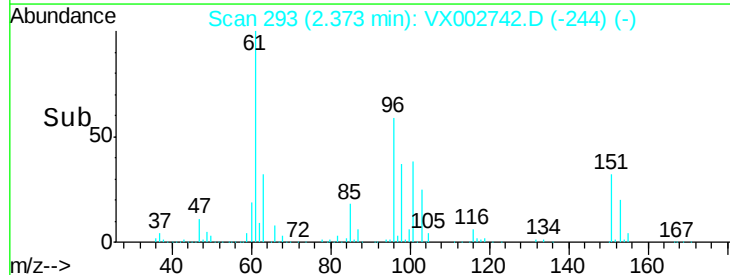
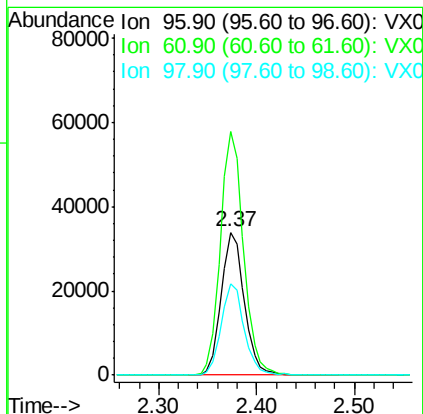
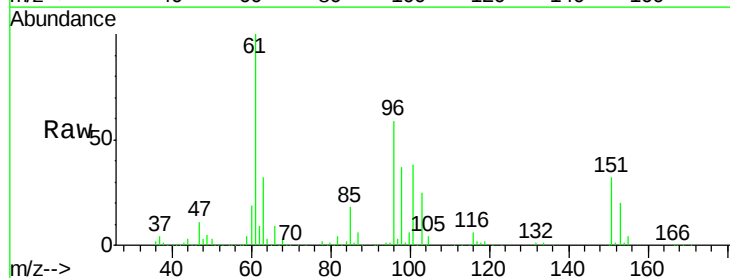
Tot Ion: 59 Resp: 68871
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2

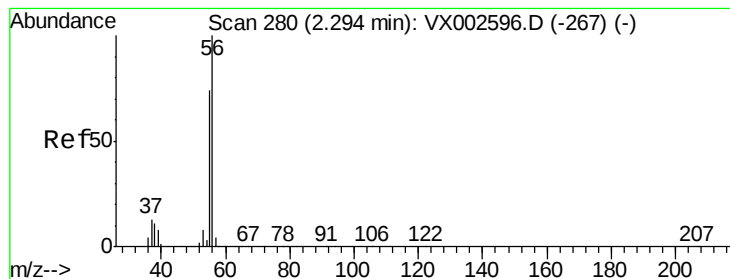


#12

1,1-Dichloroethene
Concen: 19.33 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion: 96 Resp: 55755
Ion Ratio Lower Upper
96 100
61 170.7 137.9 206.9
98 64.0 51.6 77.4





#13

Acrolein

Concen: 121.14 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

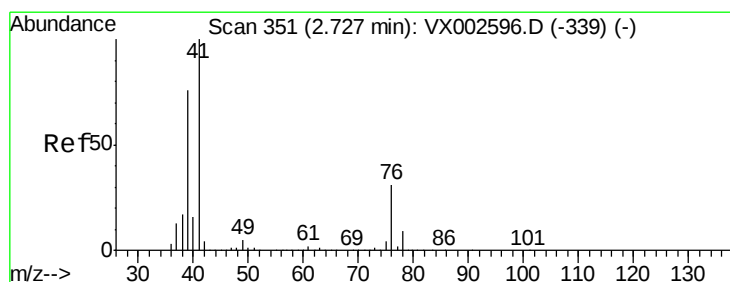
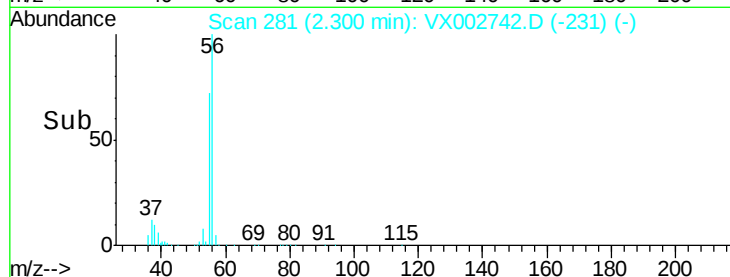
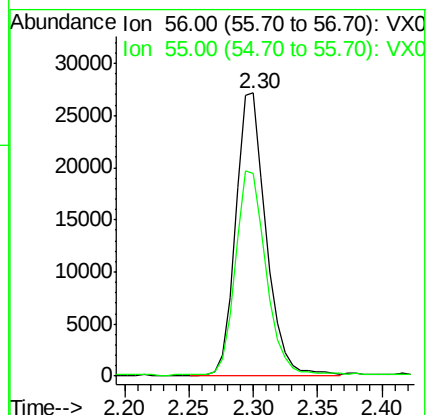
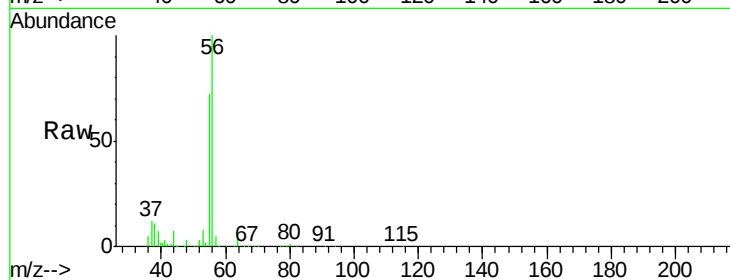
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 44668

Ion Ratio Lower Upper

56 100

55 72.0 57.0 85.4



#14

Allyl chloride

Concen: 19.15 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

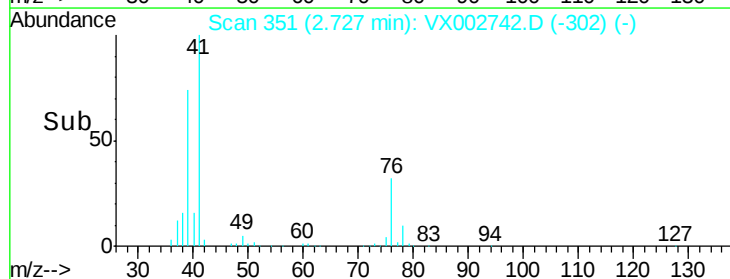
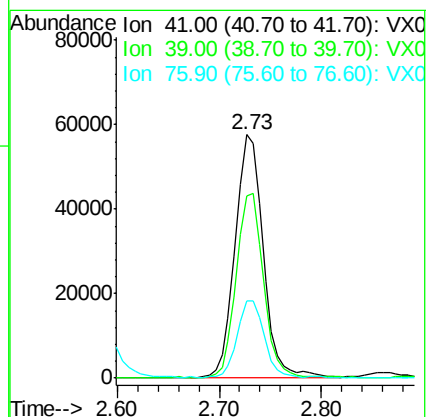
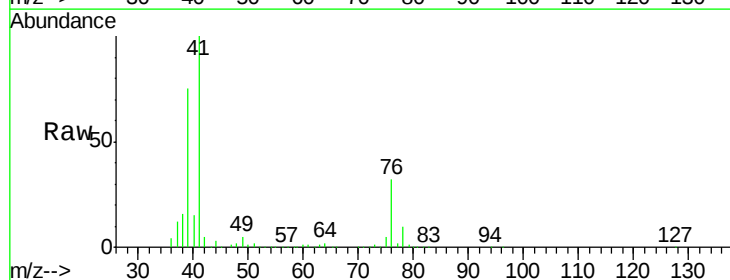
Tgt Ion: 41 Resp: 109667

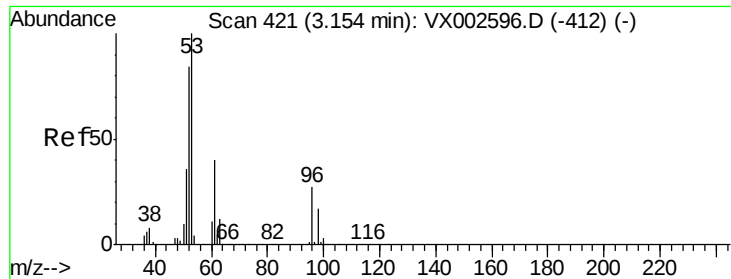
Ion Ratio Lower Upper

41 100

39 73.2 56.8 85.2

76 30.3 23.8 35.8





#15

Acrylonitrile

Concen: 96.37 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampled :

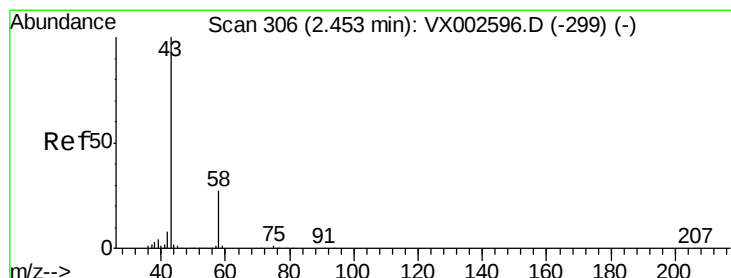
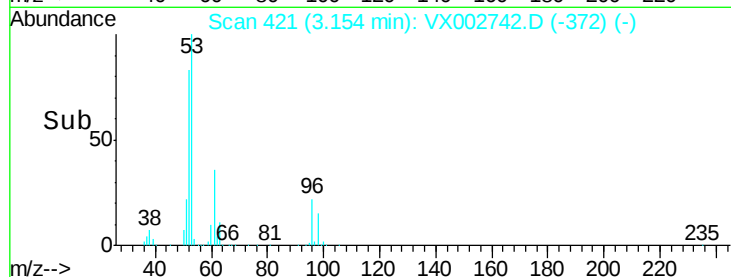
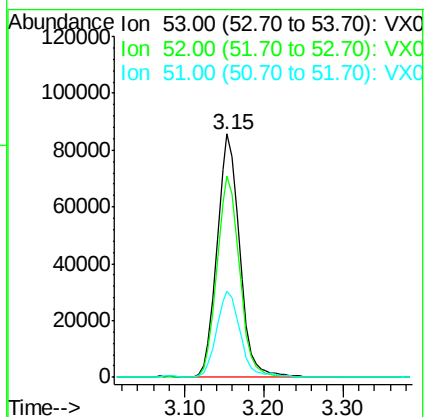
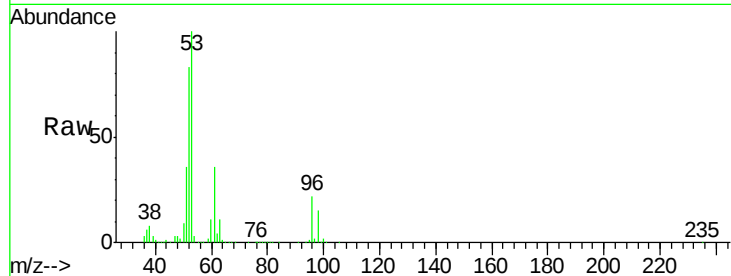
Tot Ion: 53 Resp: 170531

Ion Ratio Lower Upper

53 100

52 82.6 66.7 100.1

51 37.5 29.9 44.9



#16

Acetone

Concen: 106.42 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX002742.D

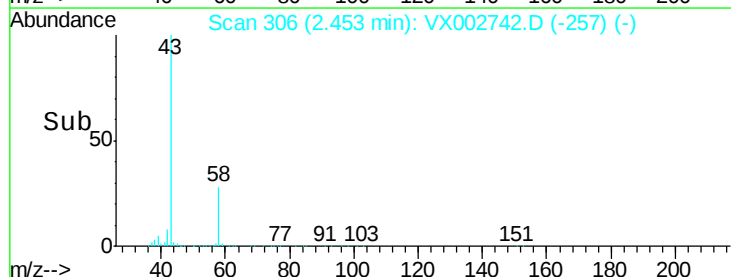
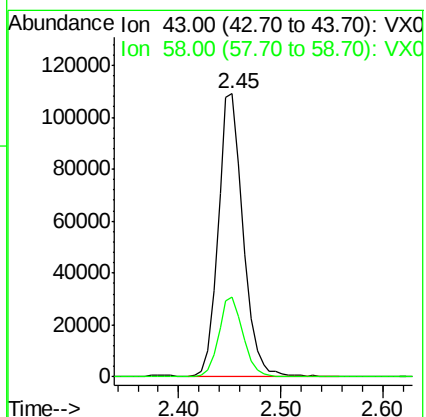
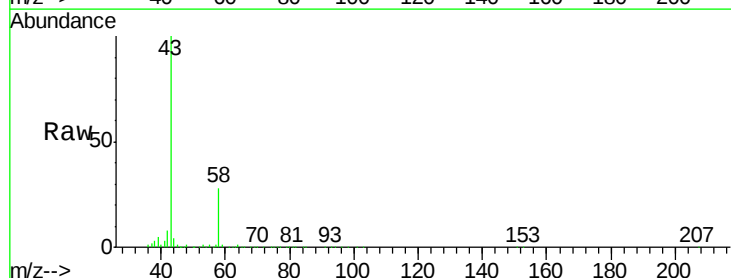
Acq: 20 Jun 2018 15:27

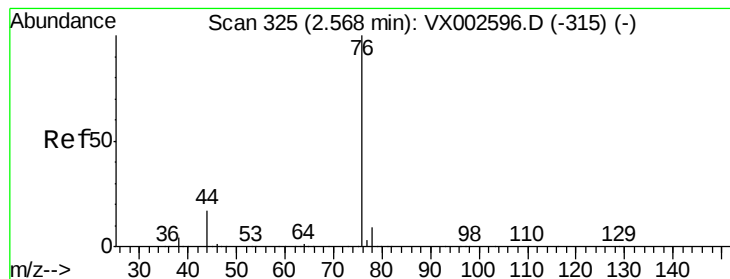
Tgt Ion: 43 Resp: 184165

Ion Ratio Lower Upper

43 100

58 28.3 22.1 33.1





#17

Carbon Disulfide

Concen: 21.66 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

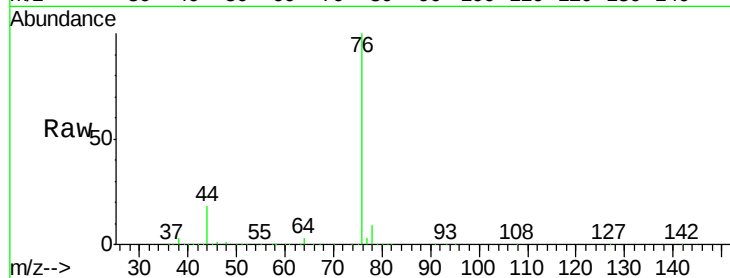
ClientSampleId :

Tot Ion: 76 Resp: 148163

Ion Ratio Lower Upper

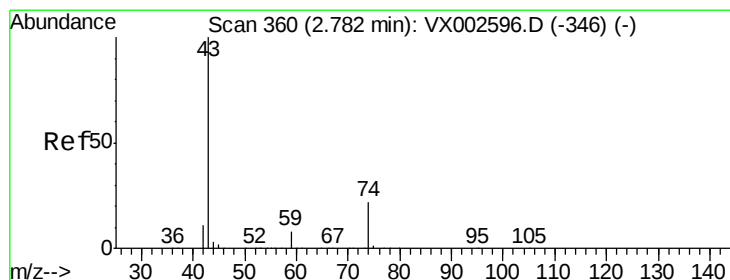
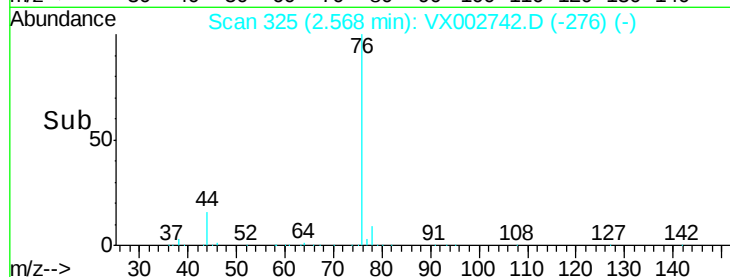
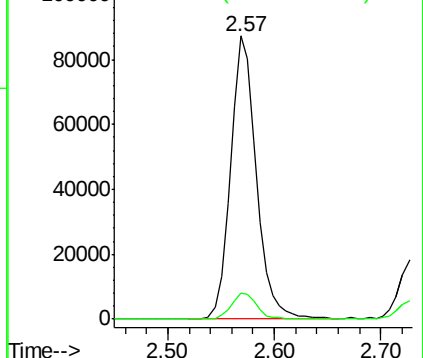
76 100

78 9.0 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.07 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002742.D

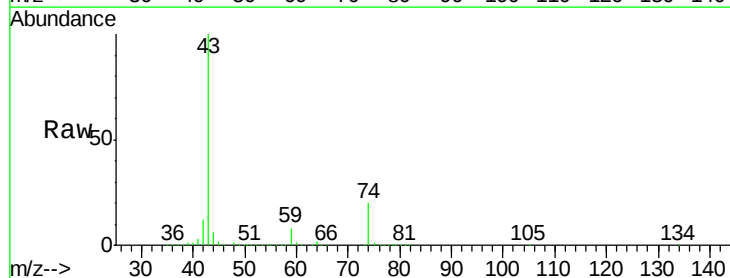
Acq: 20 Jun 2018 15:27

Tgt Ion: 43 Resp: 92547

Ion Ratio Lower Upper

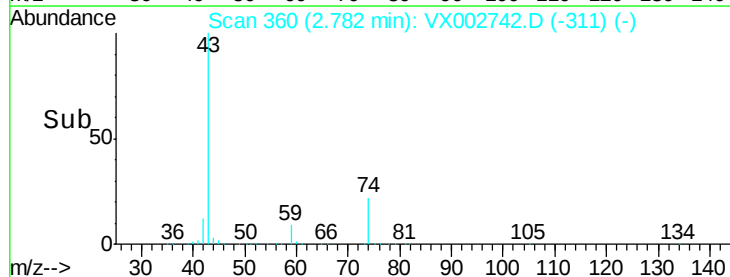
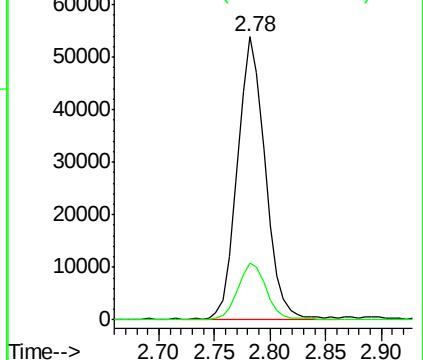
43 100

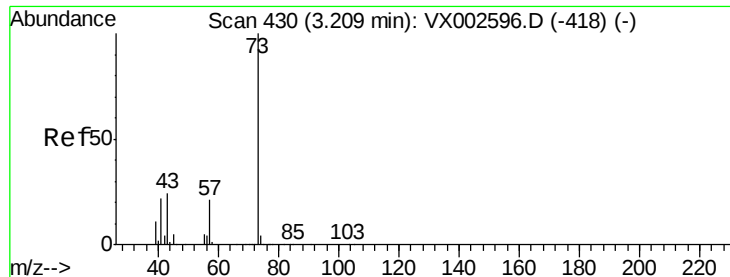
74 20.6 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

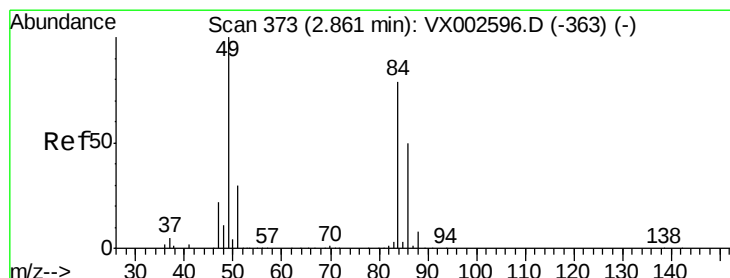
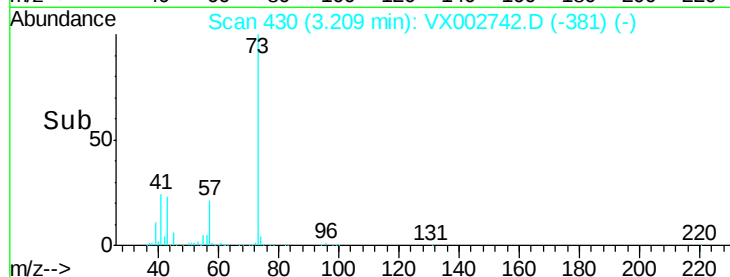
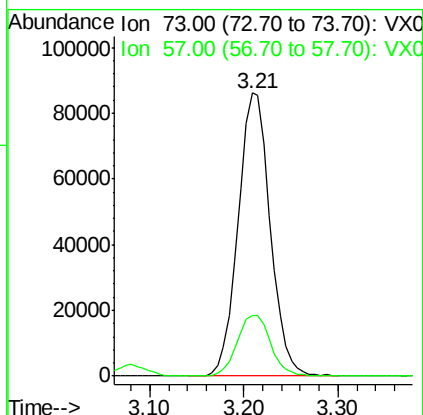
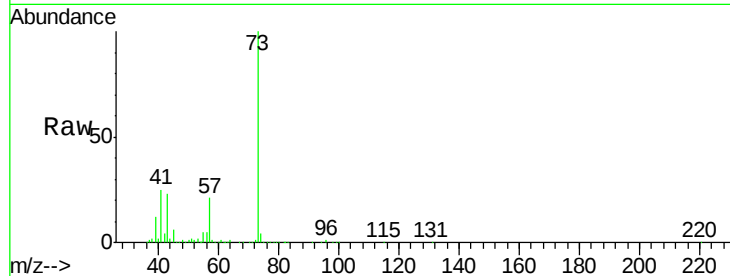




#19
Methvl tert-butvl Ether
Concen: 18.96 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

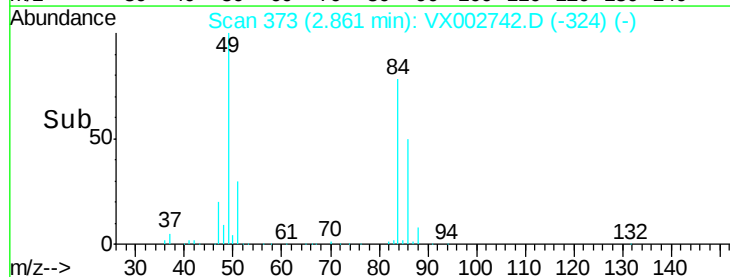
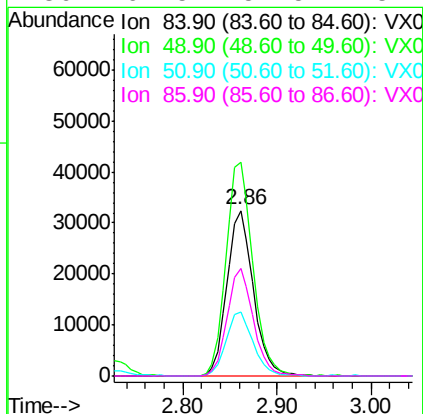
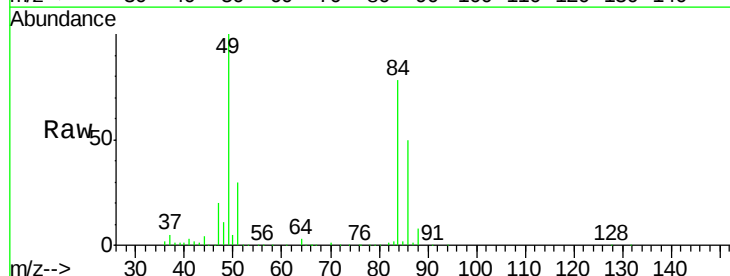
Instrument :
MSVOA_X
ClientSampleId :

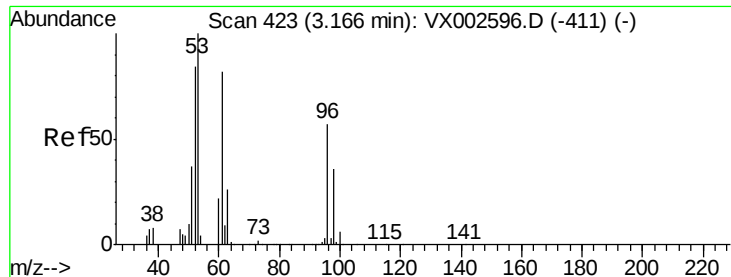
Tot Ion: 73 Resp: 205127
Ion Ratio Lower Upper
73 100
57 21.2 17.7 26.5



#20
Methylene Chloride
Concen: 17.77 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion: 84 Resp: 63047
Ion Ratio Lower Upper
84 100
49 128.9 107.8 161.6
51 38.5 32.8 49.2
86 64.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.15 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampled :

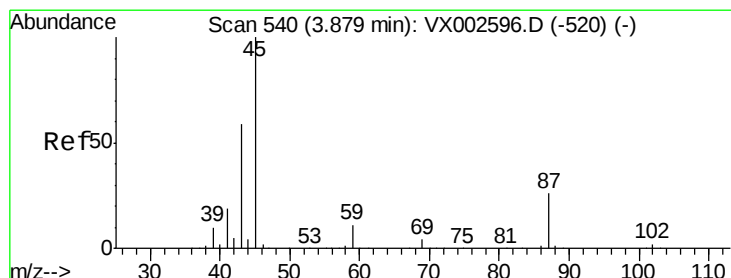
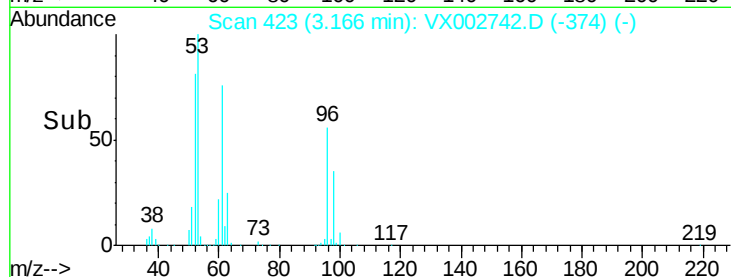
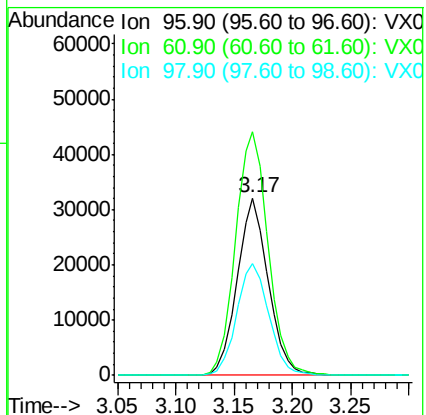
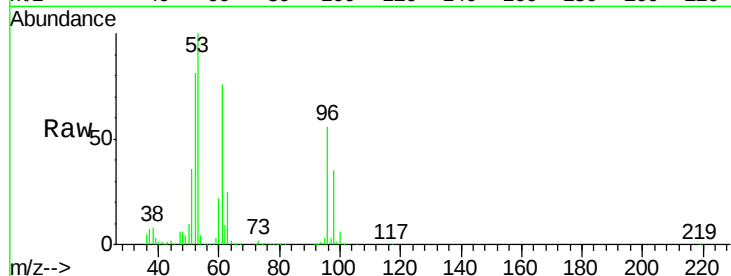
Tot Ion: 96 Resp: 59904

Ion Ratio Lower Upper

96 100

61 137.3 117.0 175.4

98 63.4 52.4 78.6



#22

Diisopropyl ether

Concen: 19.50 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Tgt Ion: 45 Resp: 202047

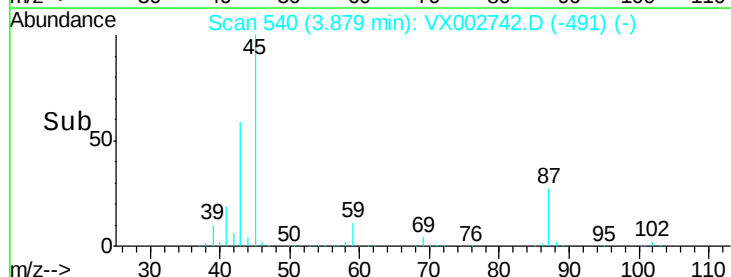
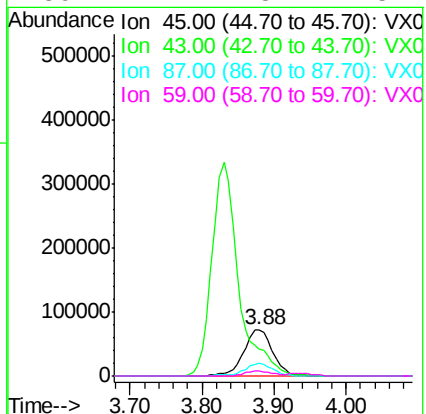
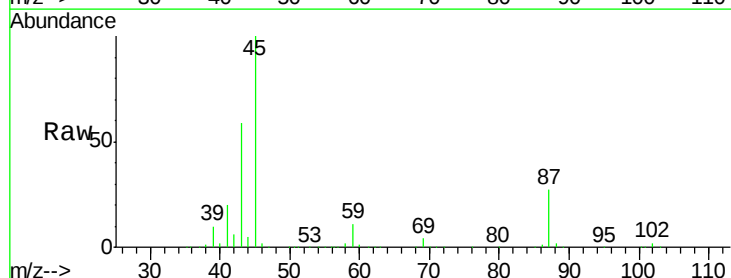
Ion Ratio Lower Upper

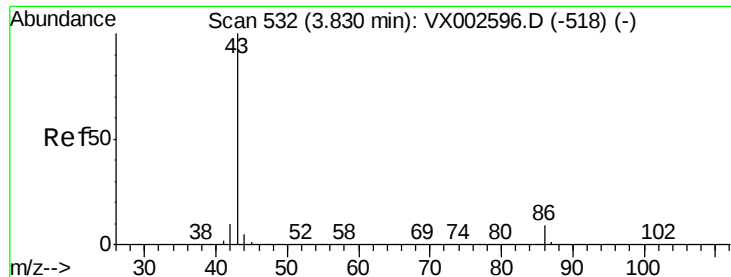
45 100

43 58.7 46.8 70.2

87 26.7 20.2 30.4

59 11.4 8.7 13.1





#23

Vinyl Acetate

Concen: 99.59 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

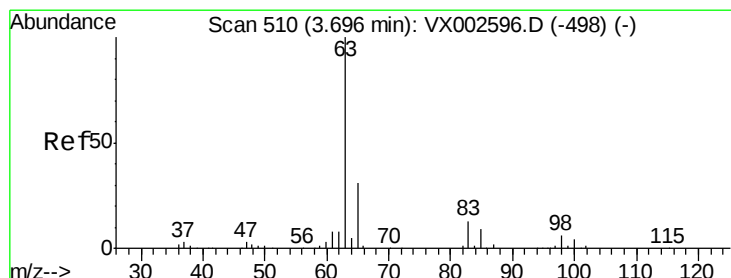
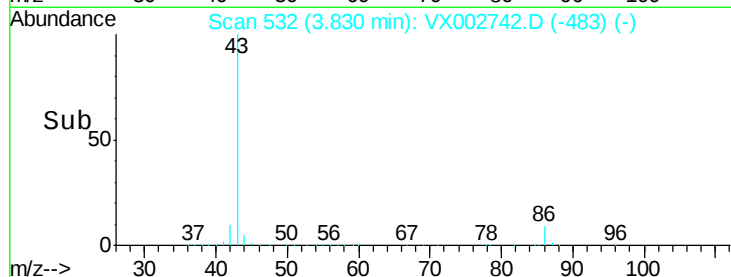
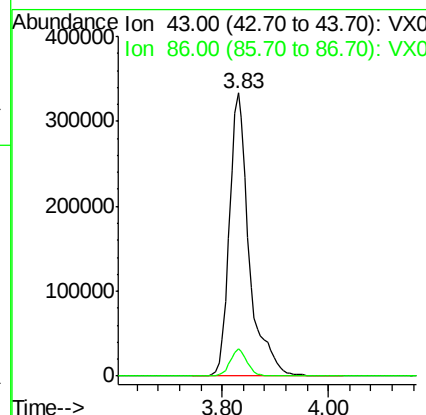
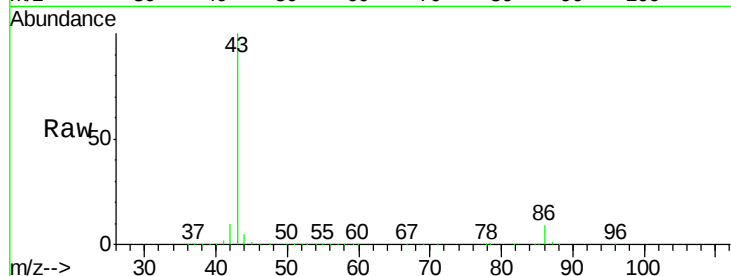
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 863565

Ion Ratio Lower Upper

43 100

86 9.5 7.4 11.0



#24

1,1-Dichloroethane

Concen: 20.72 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

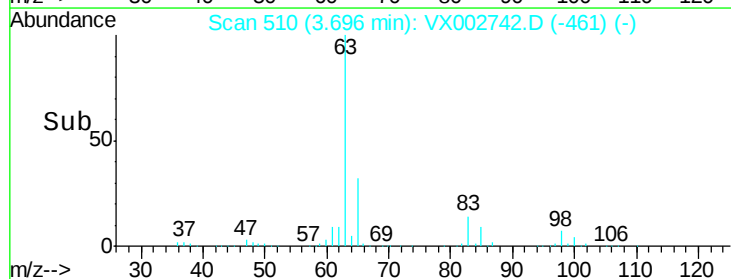
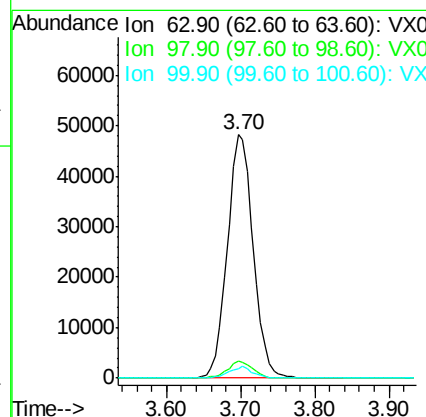
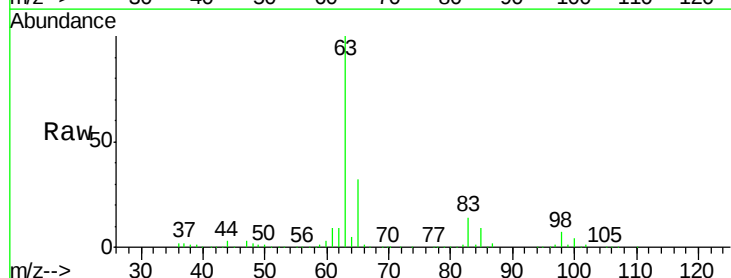
Tgt Ion: 63 Resp: 116517

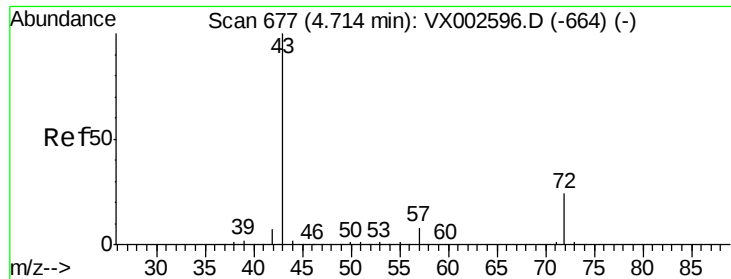
Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 104.91 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

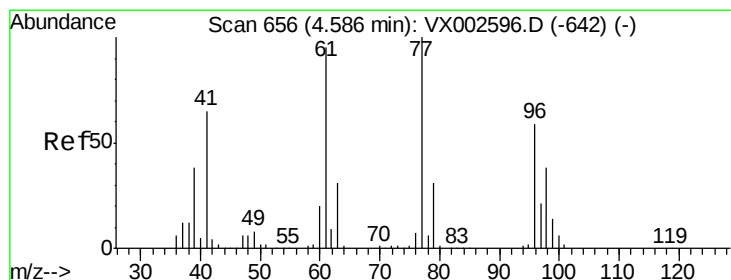
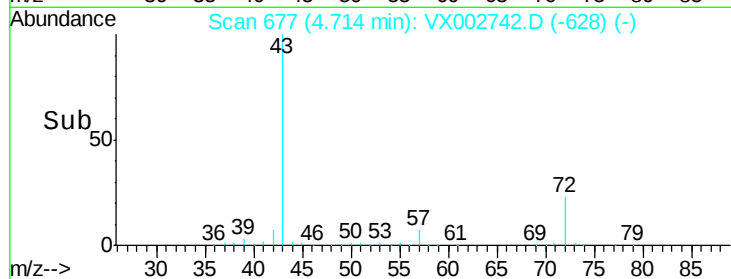
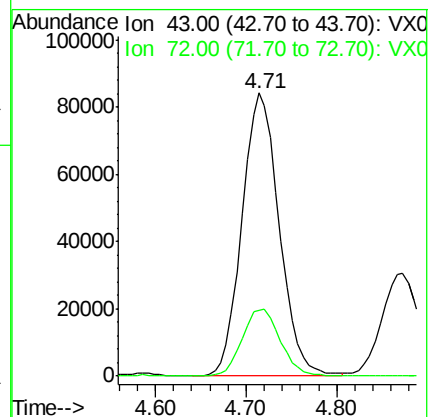
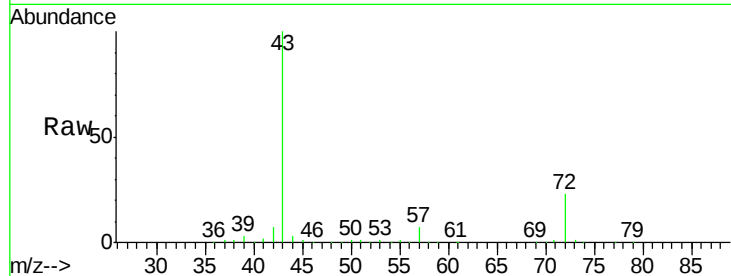
ClientSampled :

Tot Ion: 43 Resp: 238426

Ion Ratio Lower Upper

43 100

72 23.3 18.5 27.7



#26

2,2-Dichloropropane

Concen: 21.26 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002742.D

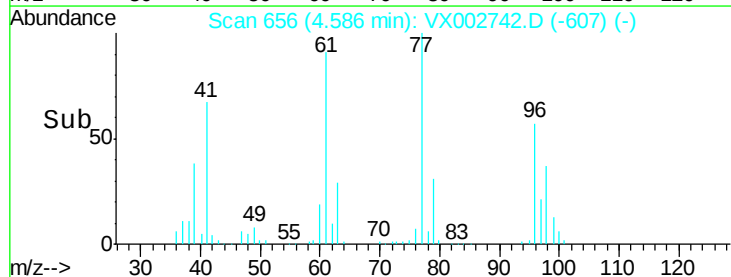
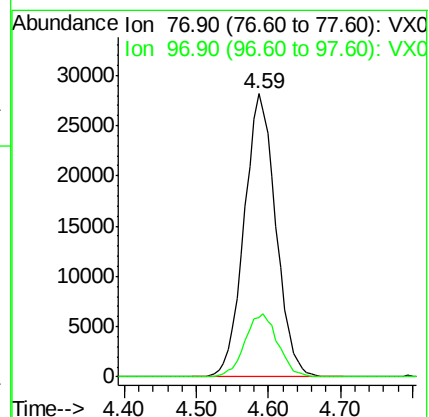
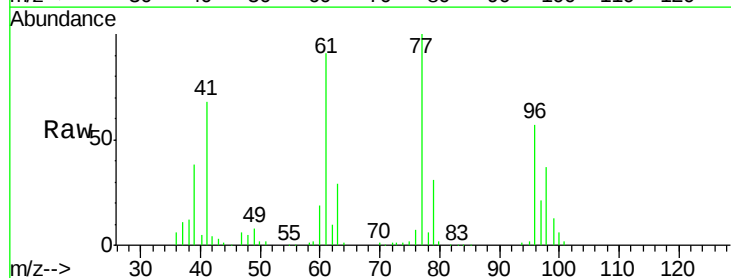
Acq: 20 Jun 2018 15:27

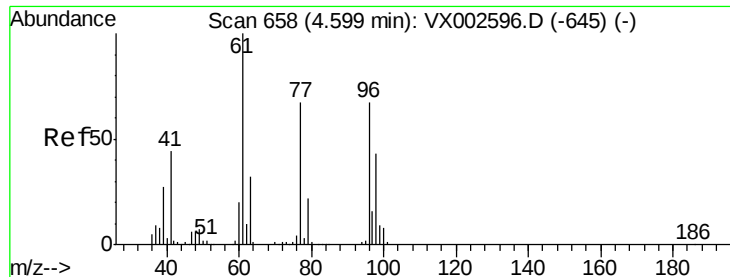
Tgt Ion: 77 Resp: 85889

Ion Ratio Lower Upper

77 100

97 23.2 11.2 33.5



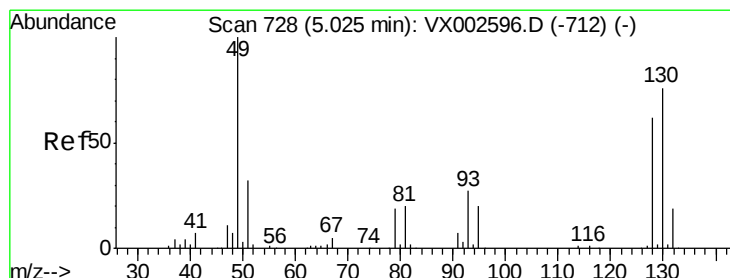
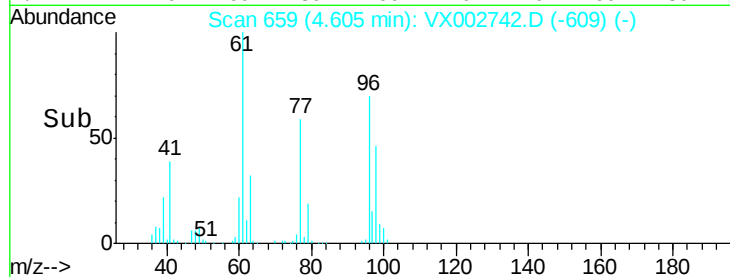
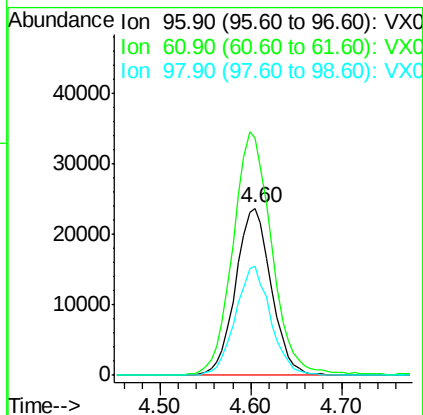
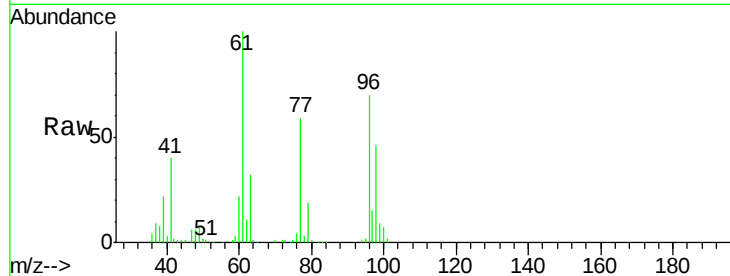


#27

cis-1,2-Dichloroethene
Concen: 20.26 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampled :

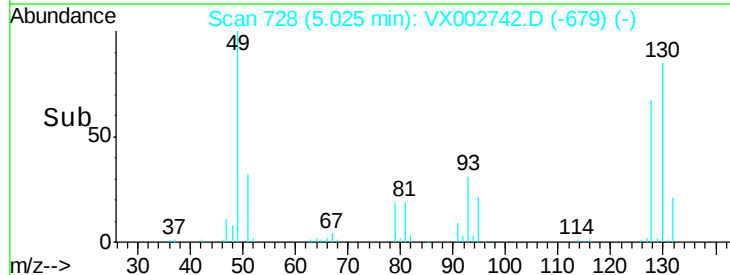
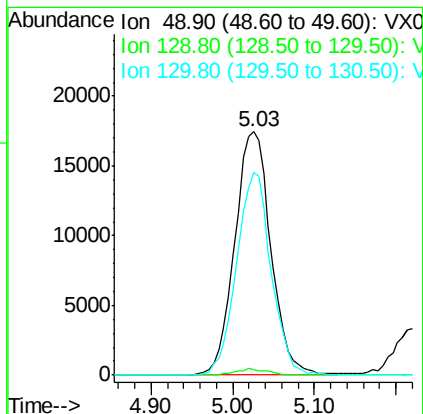
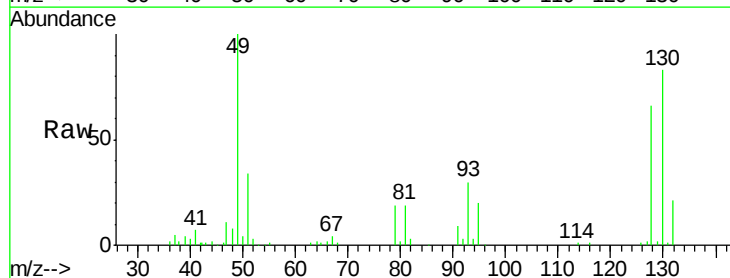
Tot Ion: 96 Resp: 64509
Ion Ratio Lower Upper
96 100
61 159.5 0.0 330.2
98 64.5 0.0 130.2

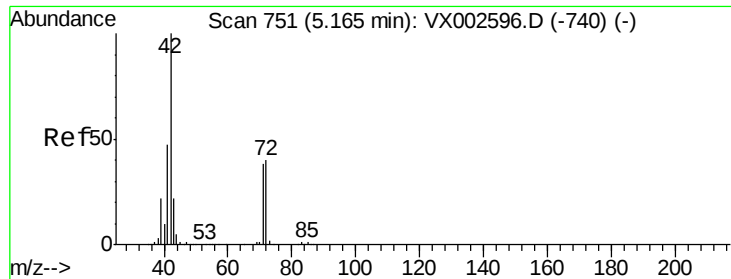


#28

Bromochloromethane
Concen: 20.35 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion: 49 Resp: 53582
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.2
130 79.4 61.2 91.8

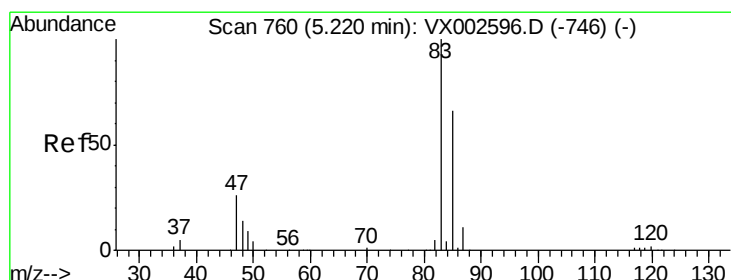
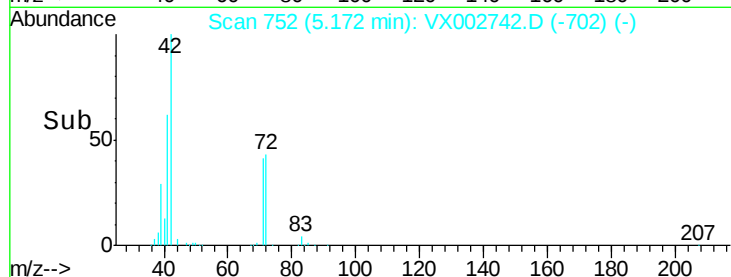
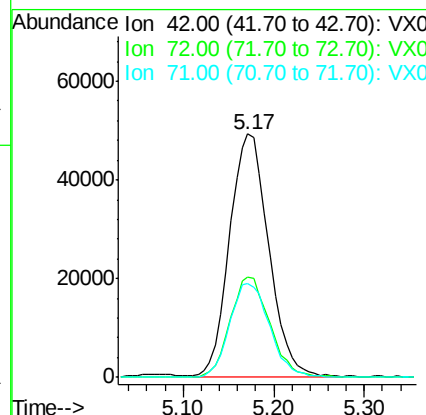
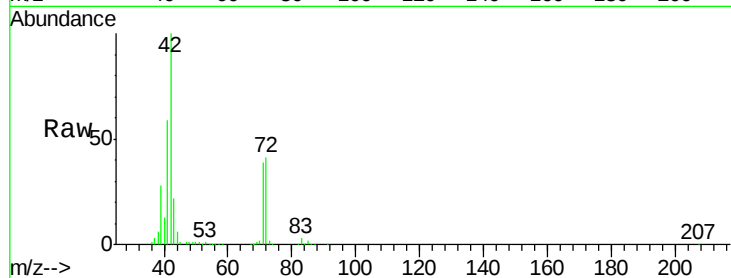




#29
Tetrahydrofuran
Concen: 98.44 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

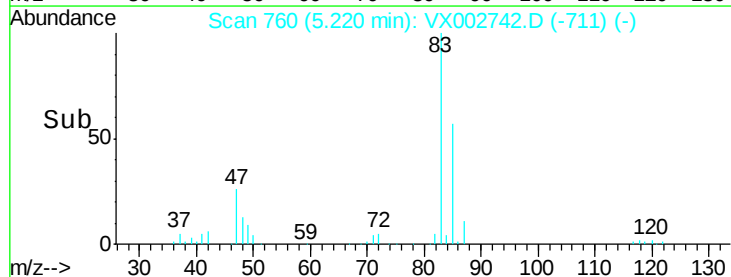
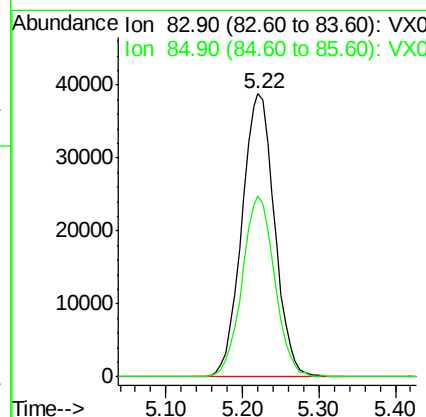
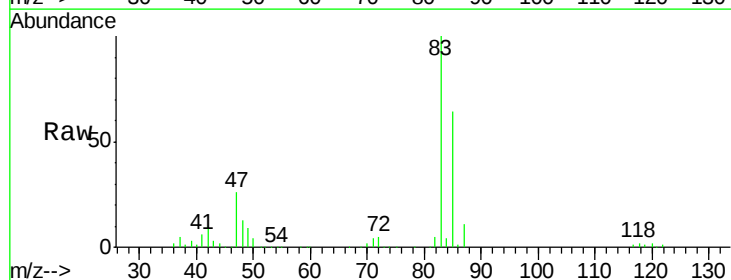
Instrument :
MSVOA_X
ClientSampleId :

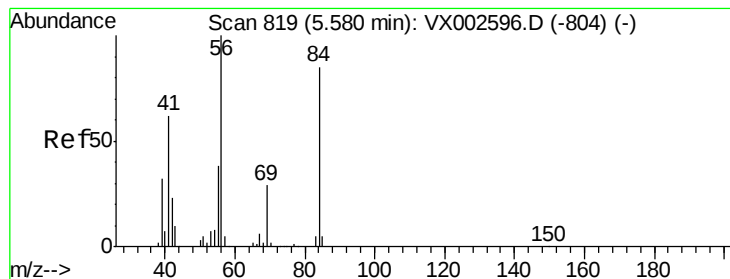
Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	32.0	48.0
71	39.7	30.1	45.1



#30
Chloroform
Concen: 21.23 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.4	75.6





#31

Cyclohexane

Concen: 20.20 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :

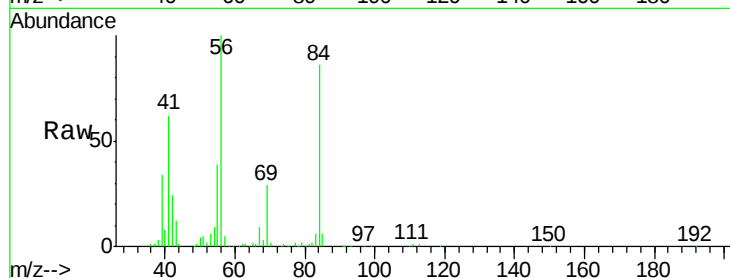
Tot Ion: 56 Resp: 93533

Ion Ratio Lower Upper

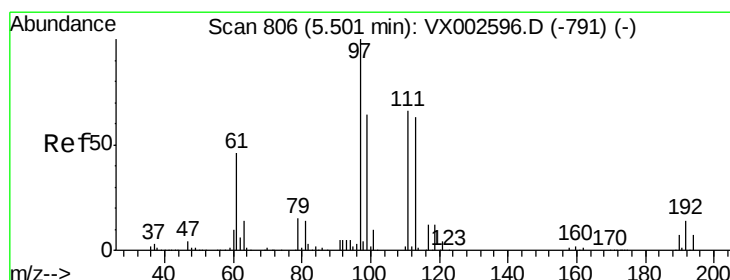
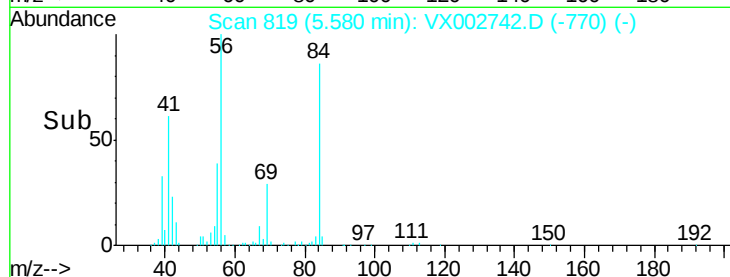
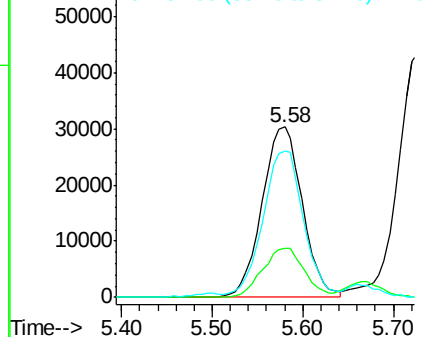
56 100

69 29.0 23.7 35.5

84 84.5 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 21.71 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

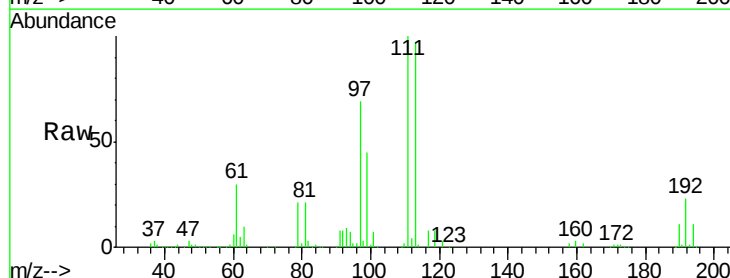
Tgt Ion: 97 Resp: 98446

Ion Ratio Lower Upper

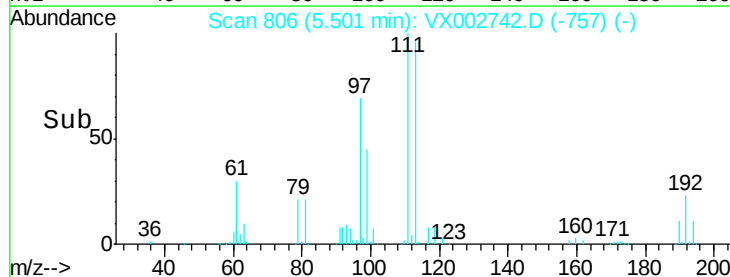
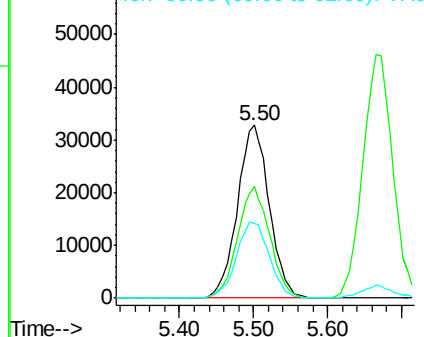
97 100

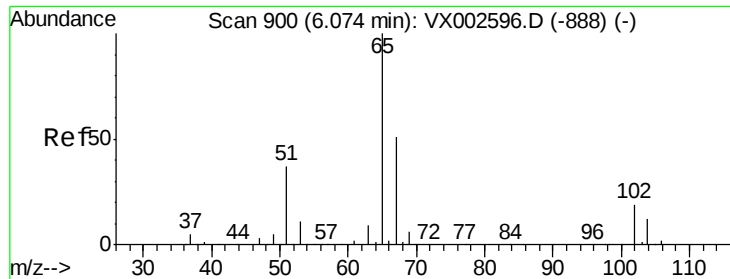
99 64.8 51.6 77.4

61 45.7 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

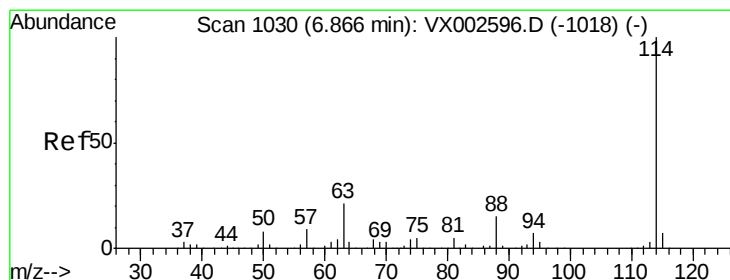
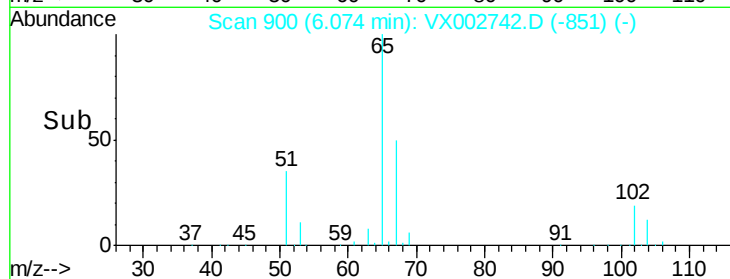
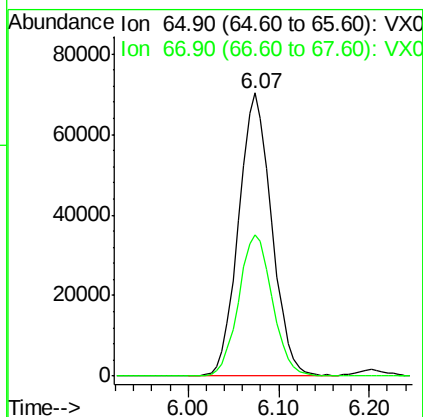
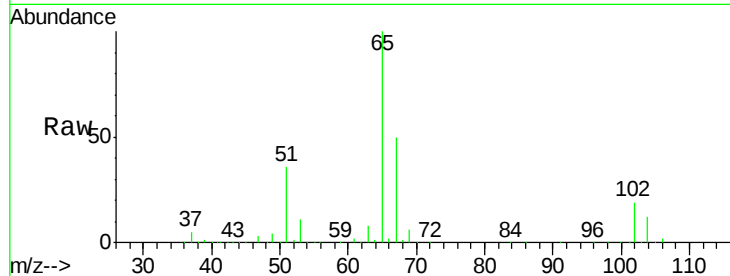




#33
 1,2-Dichloroethane-d4
 Concen: 45.31 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

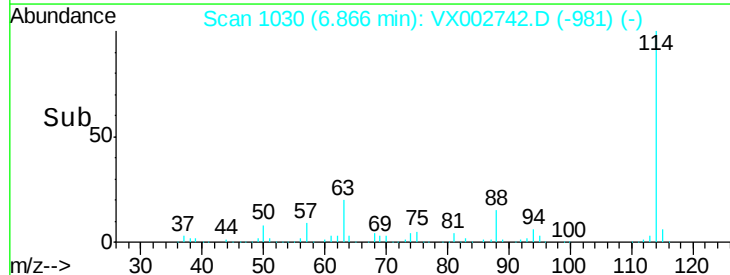
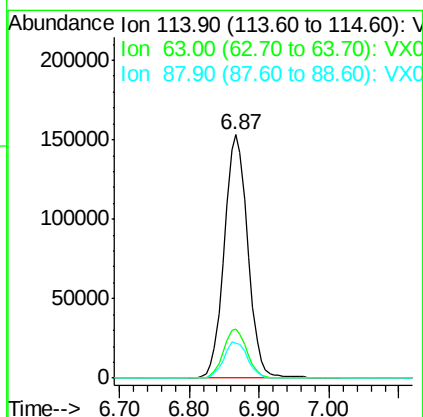
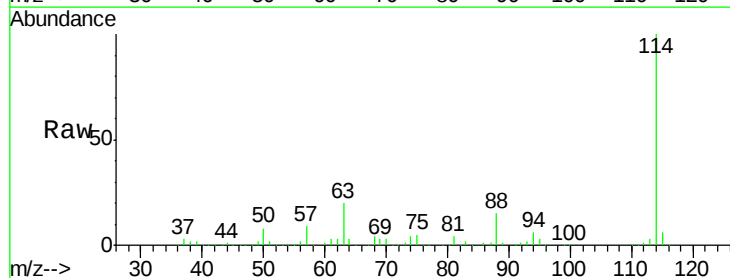
Instrument :
 MSVOA_X
 ClientSampleId :

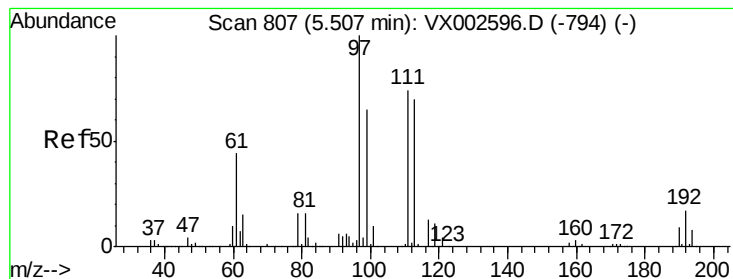
Tot Ion: 65 Resp: 177725
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Tgt Ion: 114 Resp: 358132
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.4
 88 14.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 49.86 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

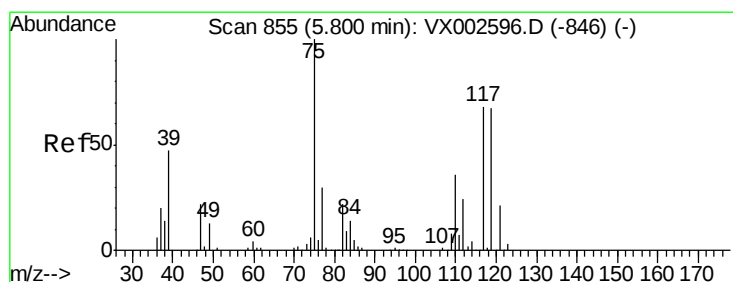
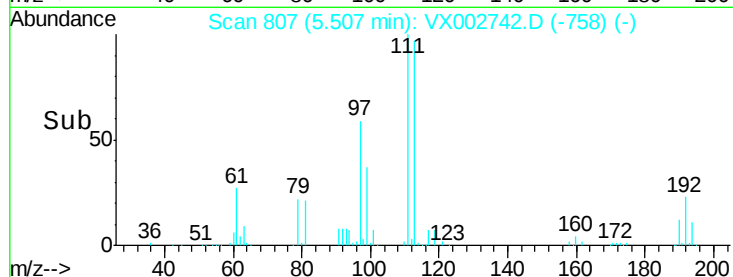
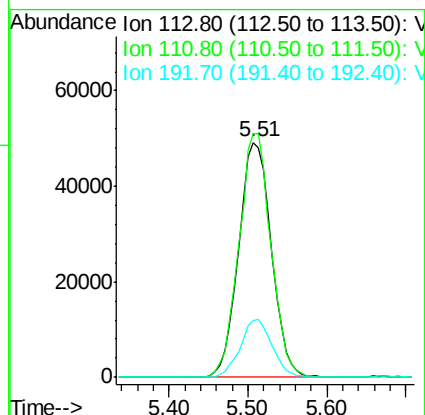
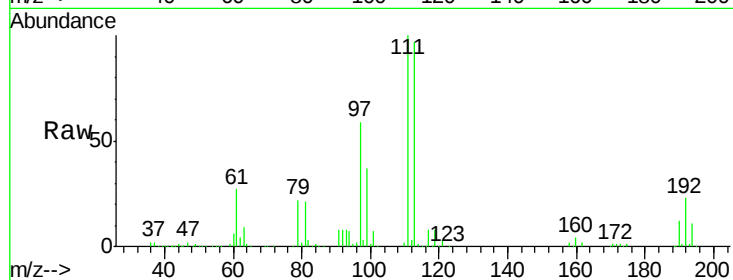
Tot Ion:113 Resp: 142517

Ion Ratio Lower Upper

113 100

111 101.3 81.4 122.0

192 24.0 19.1 28.7



#36

1,1-Dichloropropene

Concen: 21.33 ug/l

RT: 5.81 min Scan# 855

Delta R.T. 0.01 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

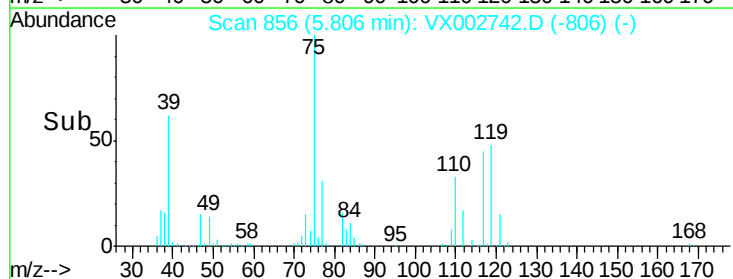
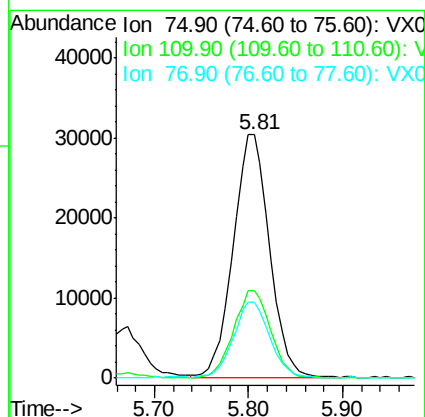
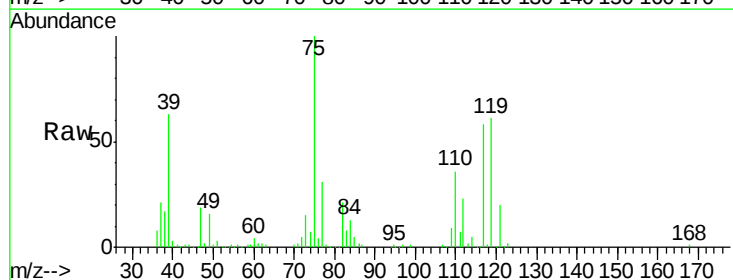
Tgt Ion: 75 Resp: 81116

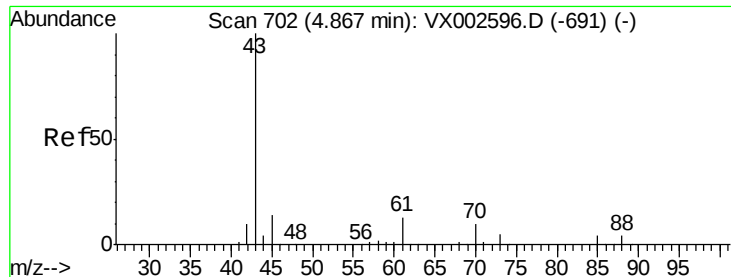
Ion Ratio Lower Upper

75 100

110 37.1 18.1 54.4

77 32.1 24.3 36.5

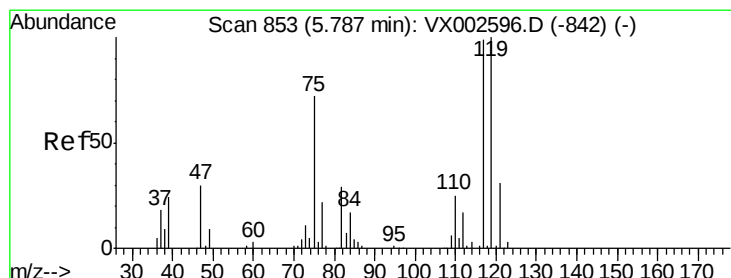
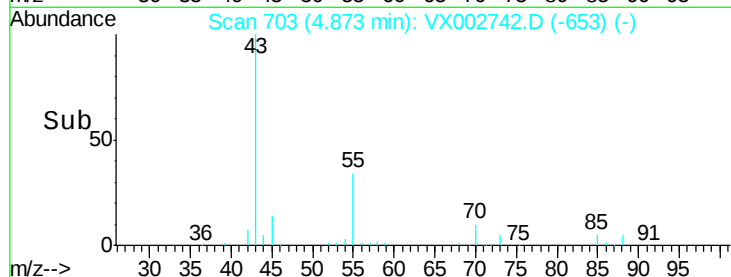
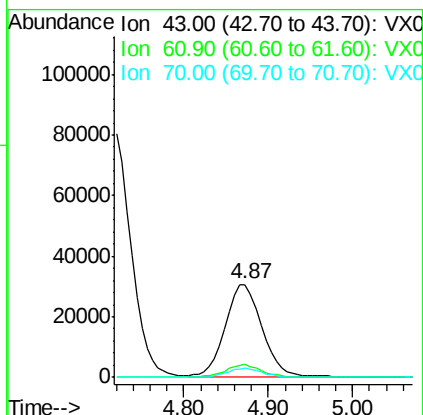
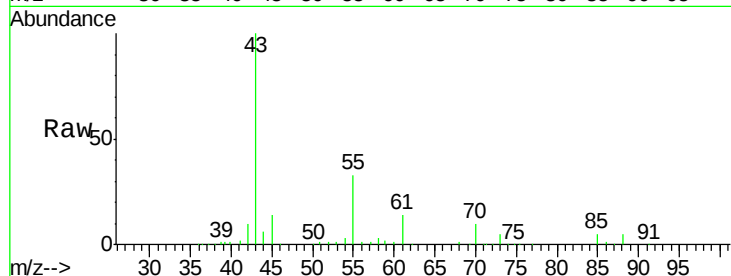




#37
Ethyl Acetate
Concen: 20.97 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

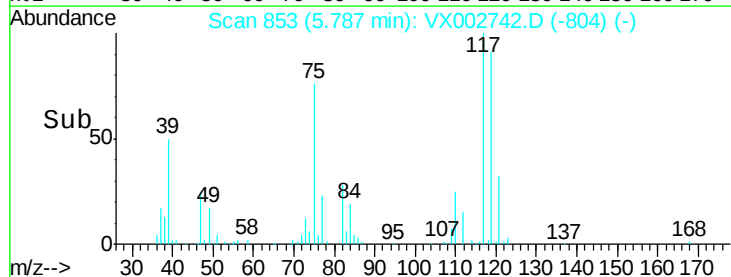
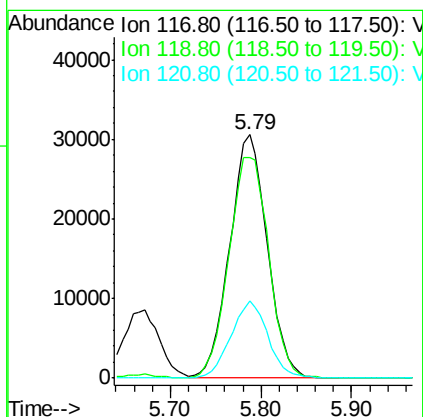
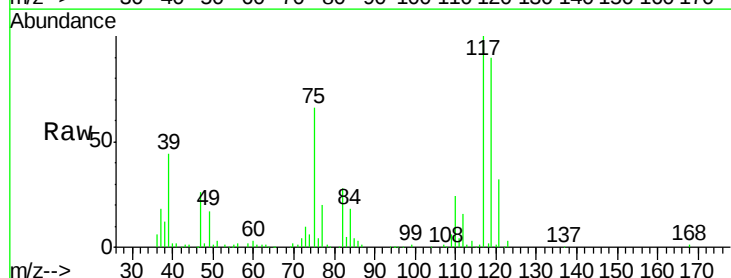
Instrument :
MSVOA_X
ClientSampleID :

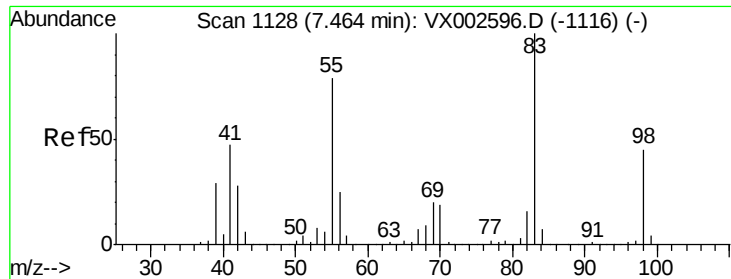
Tot Ion: 43 Resp: 90258
Ion Ratio Lower Upper
43 100
61 13.8 10.4 15.6
70 9.4 7.6 11.4



#38
Carbon Tetrachloride
Concen: 23.22 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion: 117 Resp: 87933
Ion Ratio Lower Upper
117 100
119 90.2 77.4 116.0
121 31.6 24.4 36.6

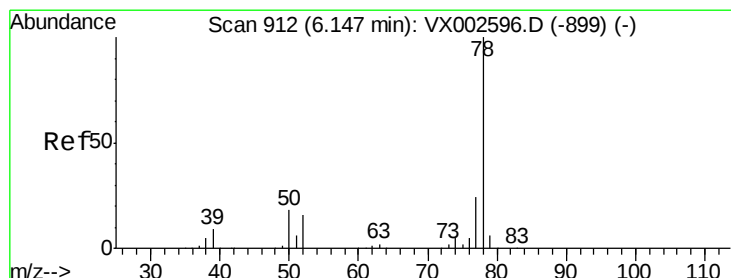
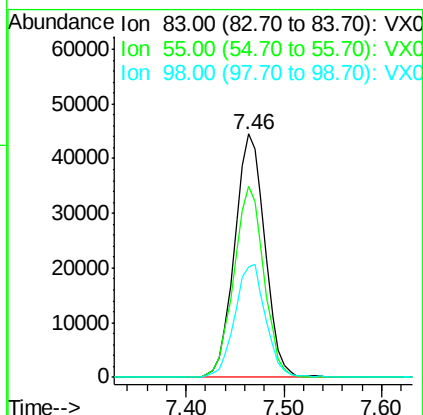
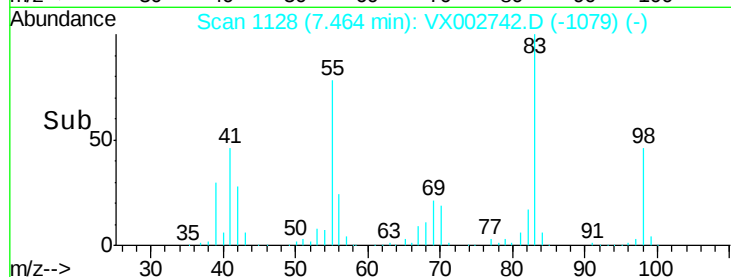
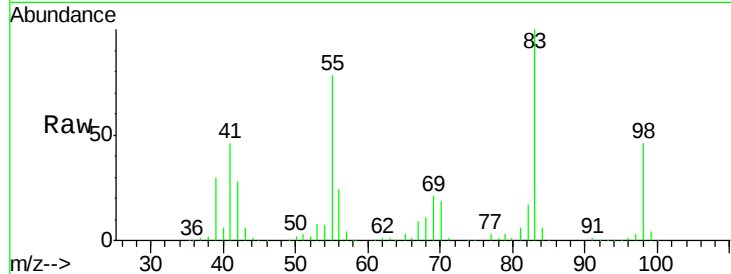




#39
Methvlcvclohexane
Concen: 21.46 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

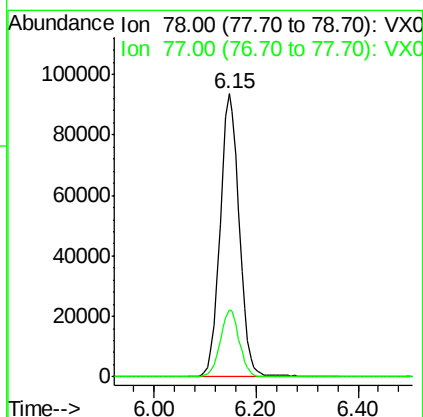
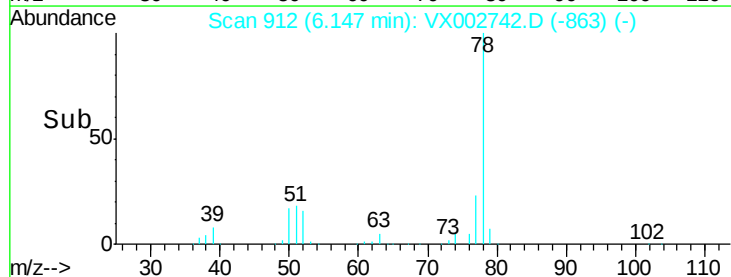
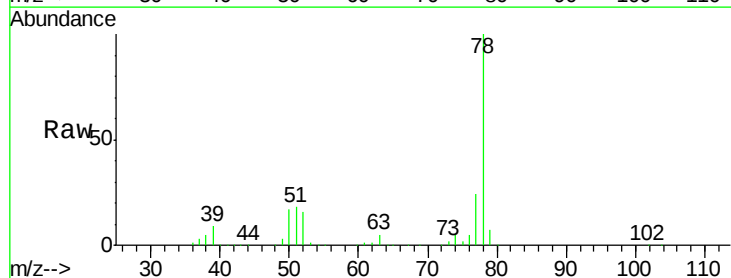
Instrument :
MSVOA_X
ClientSampleId :

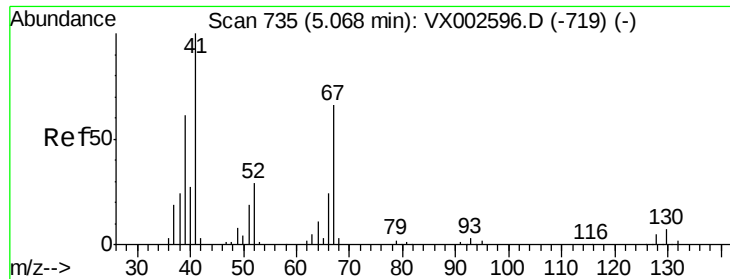
Tot Ion: 83 Resp: 95401
Ion Ratio Lower Upper
83 100
55 78.2 65.4 98.0
98 45.6 37.4 56.0



#40
Benzene
Concen: 21.38 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion: 78 Resp: 243859
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7

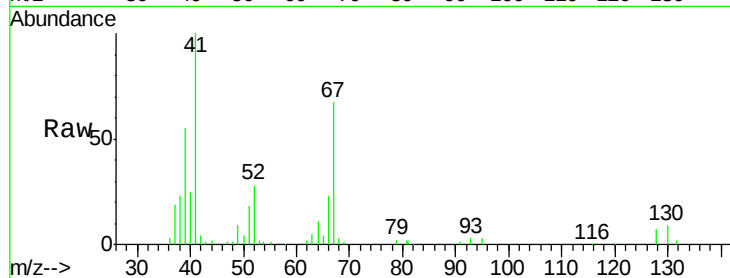




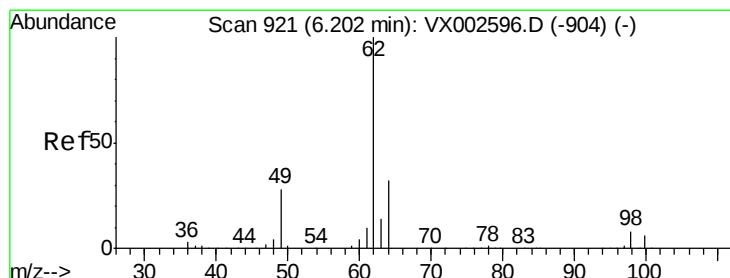
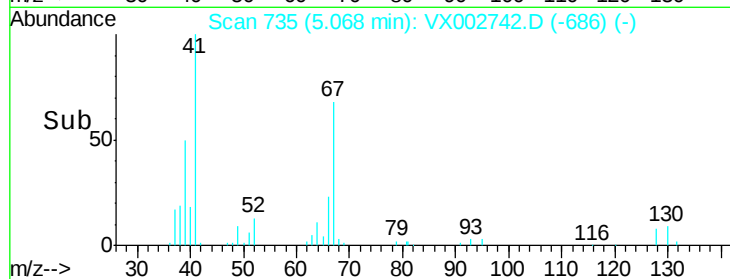
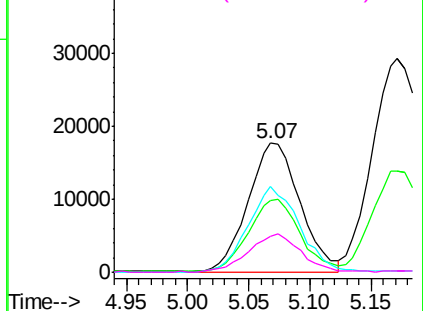
#41
Methacrylonitrile
Concen: 21.32 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	51813
Ion	Ratio	Lower	Upper
41	100		
39	55.7	45.8	68.6
67	66.3	51.3	76.9
52	30.4	23.0	34.6

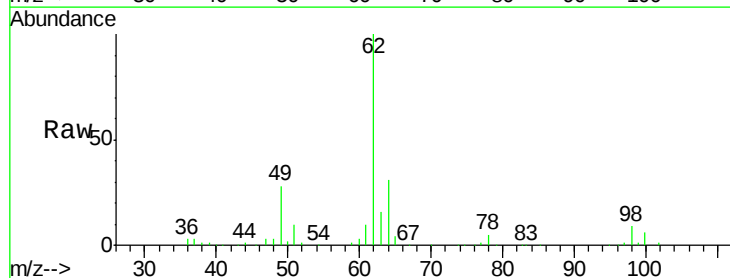


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

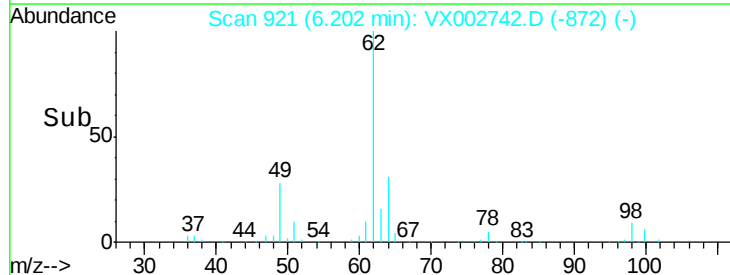
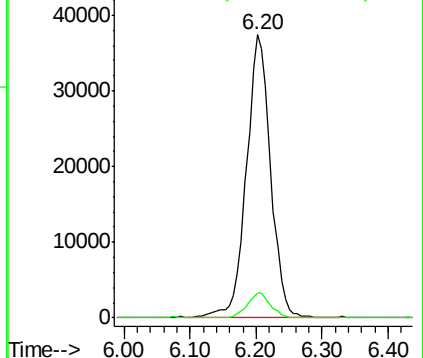


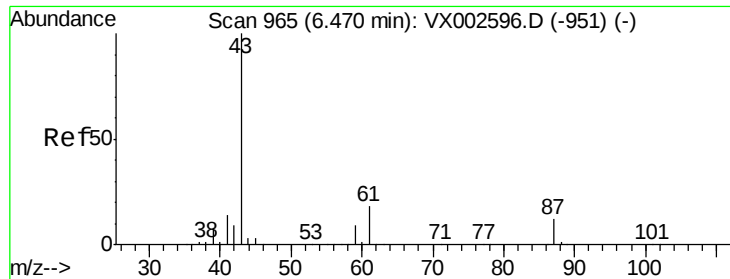
#42
1,2-Dichloroethane
Concen: 21.71 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion:	62	Resp:	95849
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



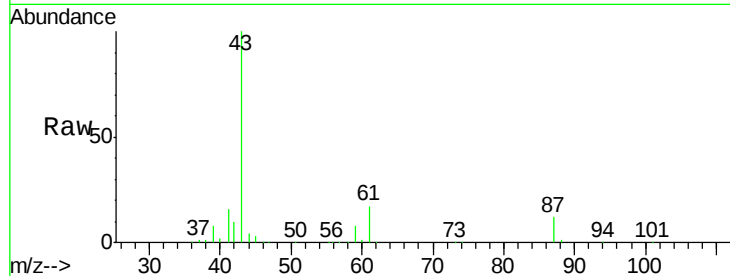


#43

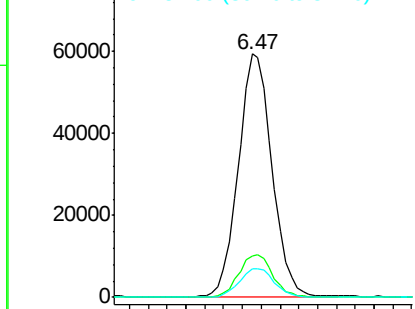
Isopropyl Acetate
 Concen: 20.69 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Instrument :
 MSVOA_X
 ClientSampleId :

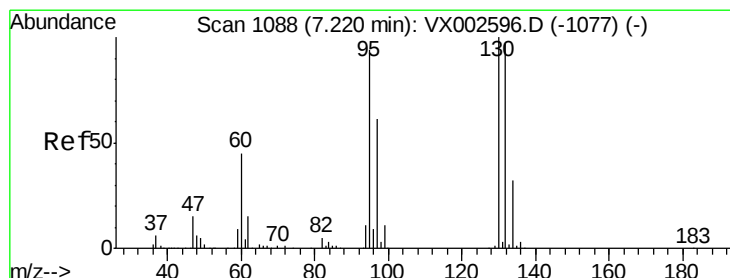
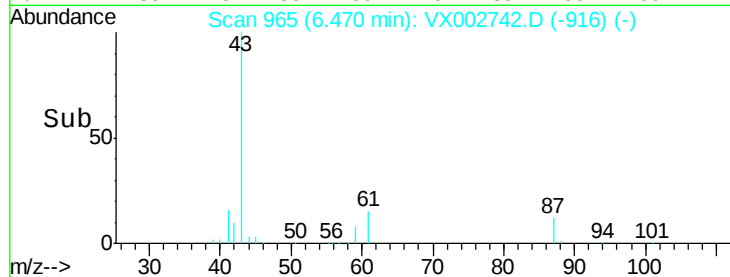
Tot Ion	43	Resp	147598
Ion Ratio	Lower	Upper	
43	100		
61	17.9	14.4	21.6
87	12.3	9.5	14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



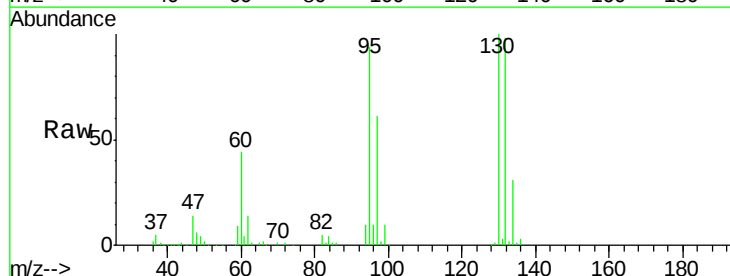
Time-->



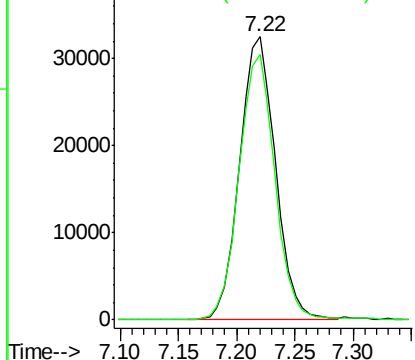
#44

Trichloroethene
 Concen: 21.22 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

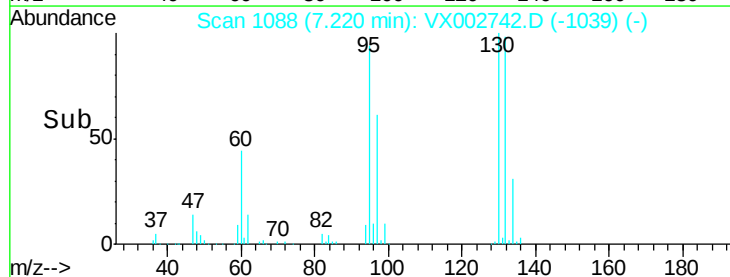
Tgt Ion	130	Resp	69858
Ion Ratio	Lower	Upper	
130	100		
95	93.9	0.0	185.4

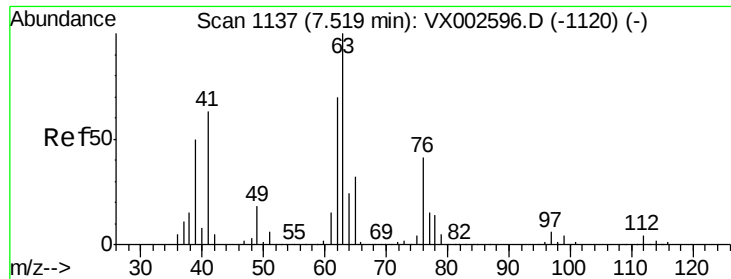


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0



Time-->

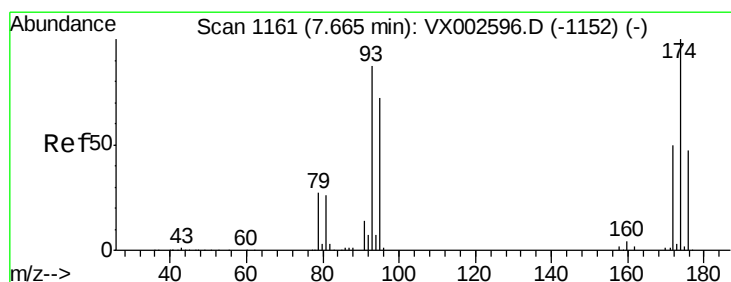
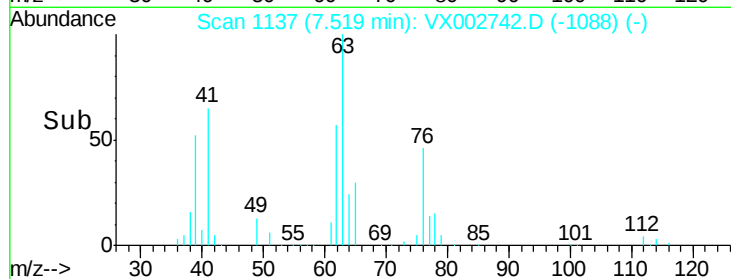
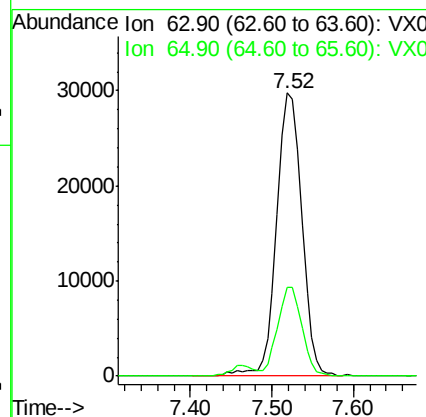
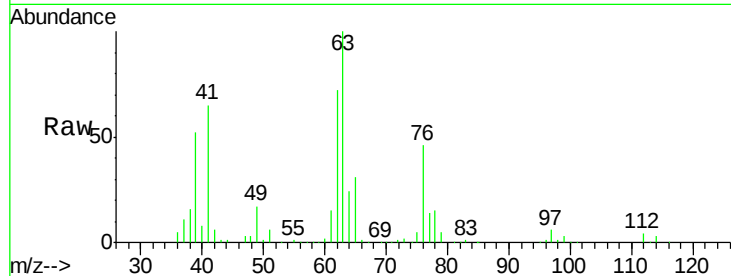




#45
 1,2-Dichloropropane
 Concen: 21.33 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

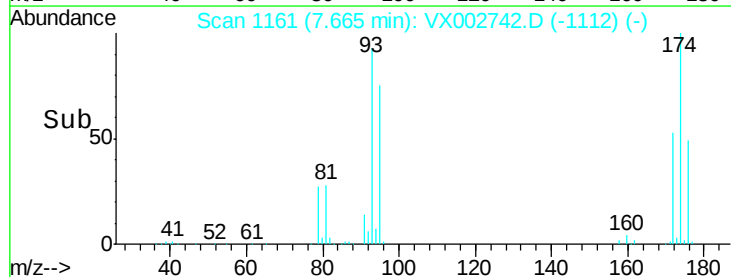
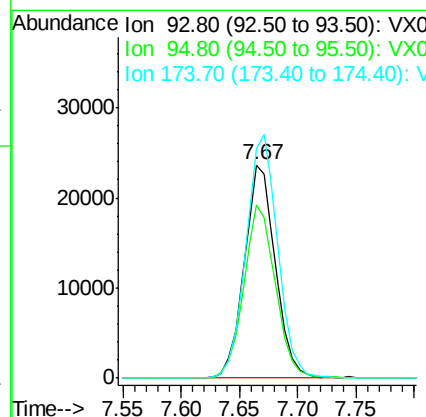
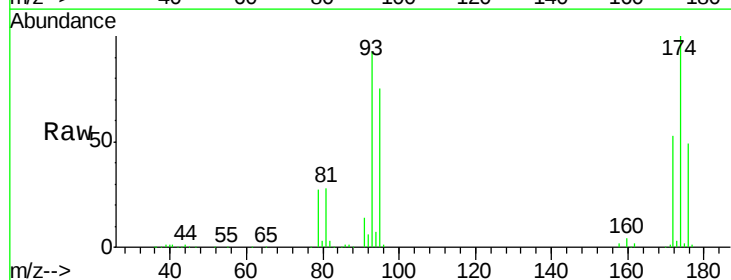
Instrument :
 MSVOA_X
 ClientSampled :

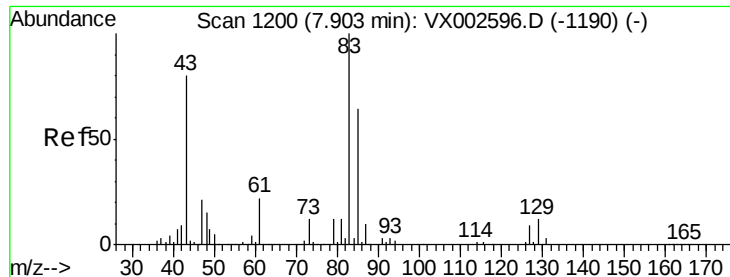
Tot Ion: 63 Resp: 64010
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.7 37.1



#46
 Dibromomethane
 Concen: 21.89 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Tgt Ion: 93 Resp: 43957
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.9 98.9
 174 116.8 92.4 138.6





#47

Bromodichloromethane

Concen: 22.65 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :

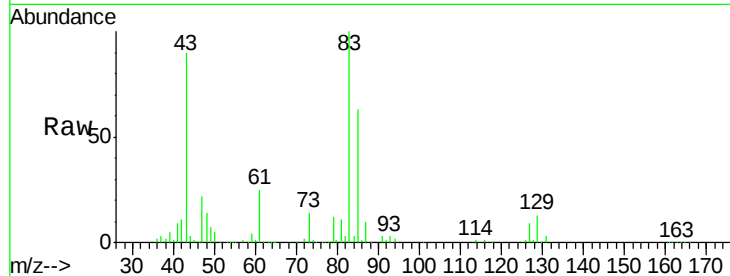
Tot Ion: 83 Resp: 80207

Ion Ratio Lower Upper

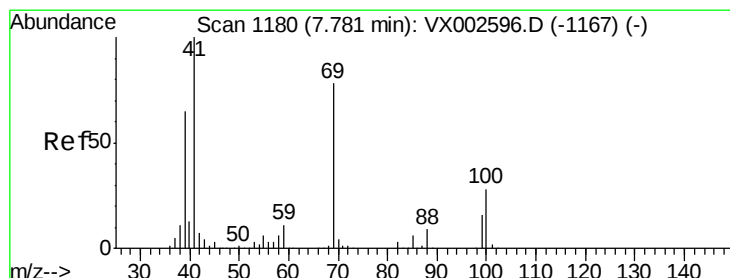
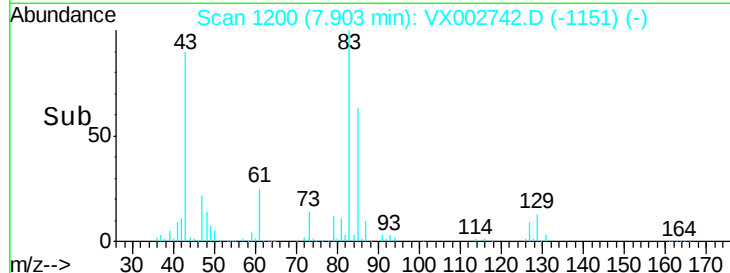
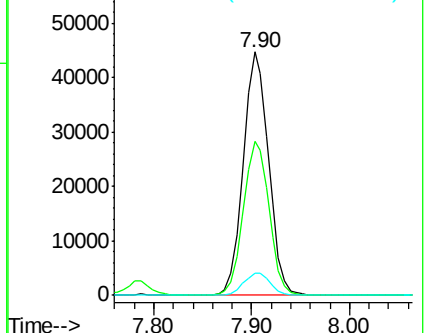
83 100

85 63.2 50.3 75.5

127 9.2 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.60 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

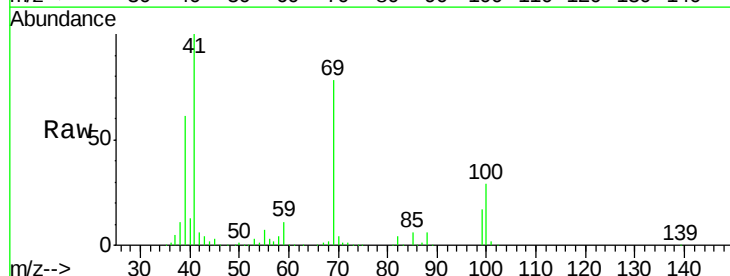
Tgt Ion: 41 Resp: 75105

Ion Ratio Lower Upper

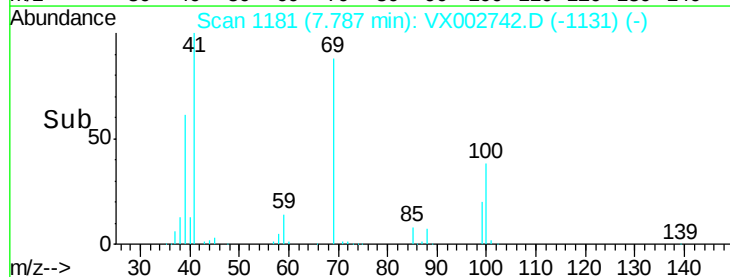
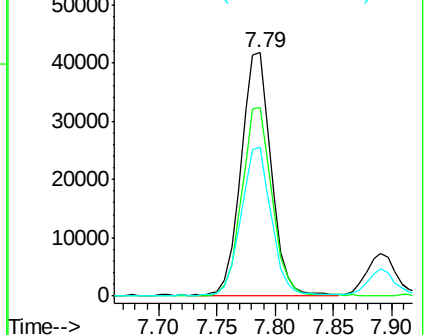
41 100

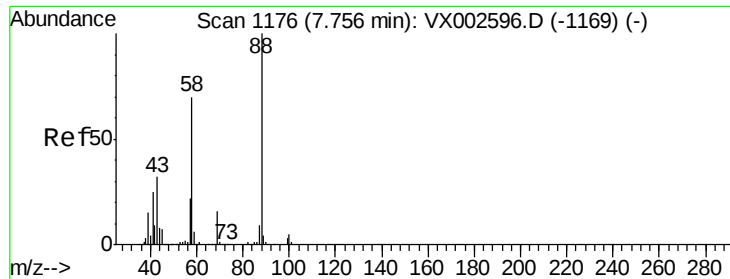
69 78.9 59.1 88.7

39 61.2 48.9 73.3



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

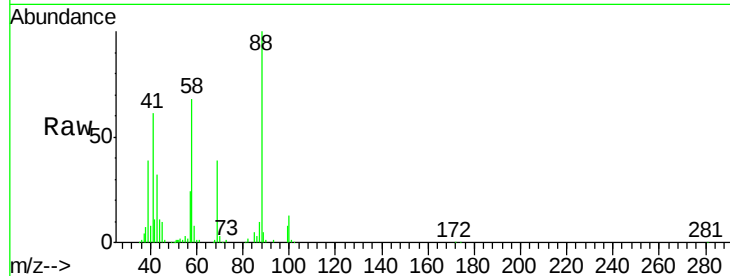




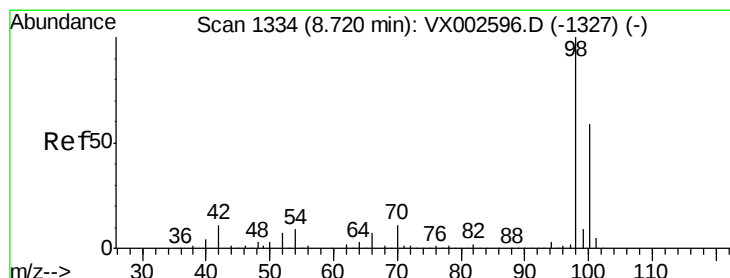
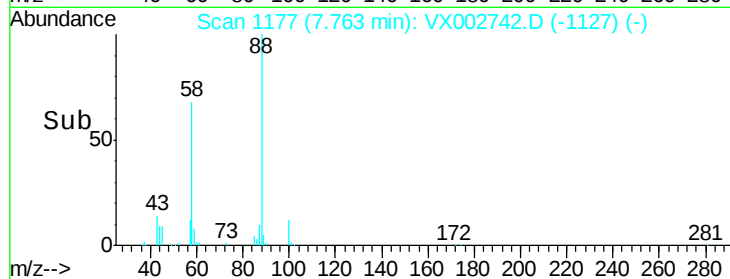
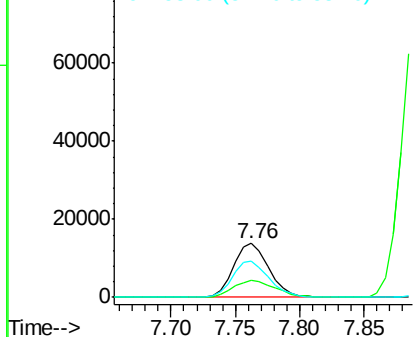
#49
1,4-Dioxane
Concen: 380.59 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 26271
Ion Ratio Lower Upper
88 100
43 36.4 29.8 44.6
58 70.2 57.1 85.7

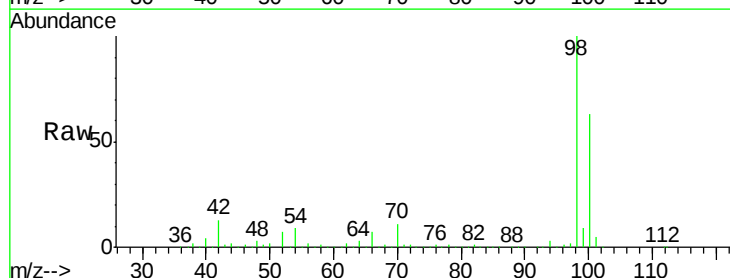


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

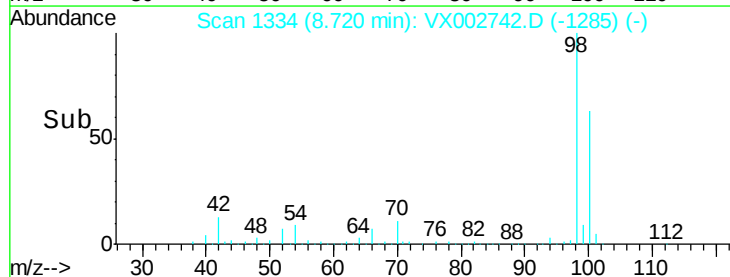
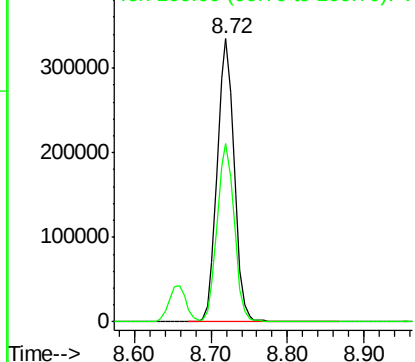


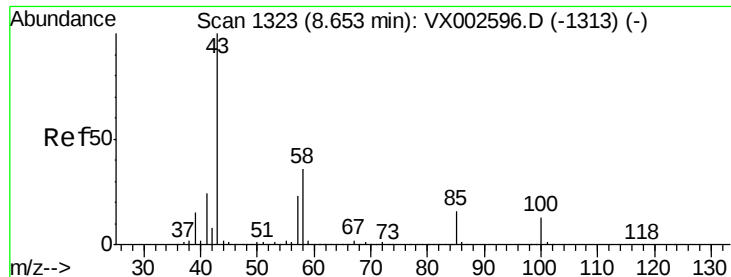
#50
Toluene-d8
Concen: 47.48 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion: 98 Resp: 515288
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 105.05 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

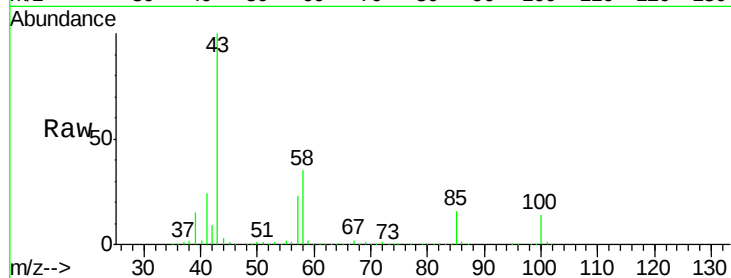
ClientSampleId :

Tot Ion: 43 Resp: 481094

Ion Ratio Lower Upper

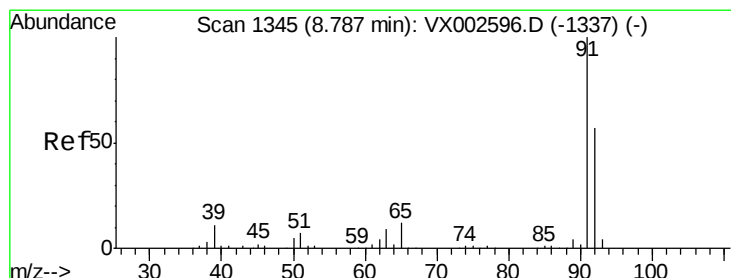
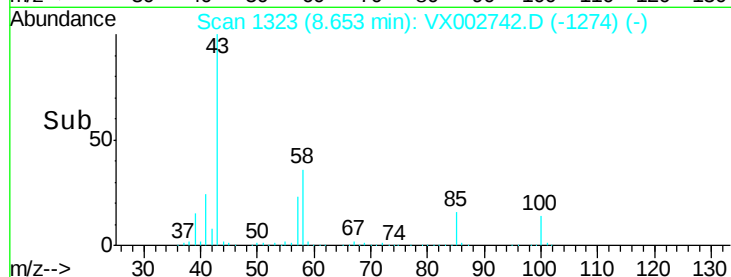
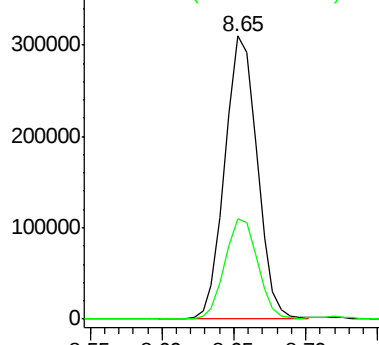
43 100

58 36.0 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 21.78 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002742.D

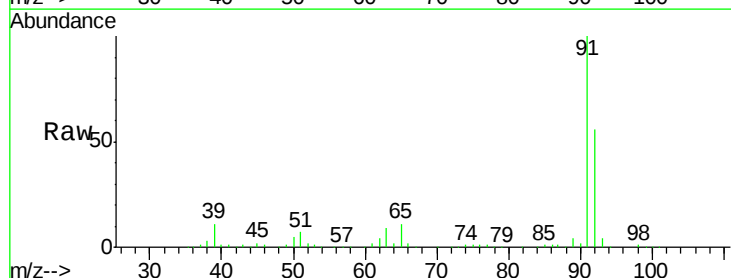
Acq: 20 Jun 2018 15:27

Tgt Ion: 92 Resp: 158430

Ion Ratio Lower Upper

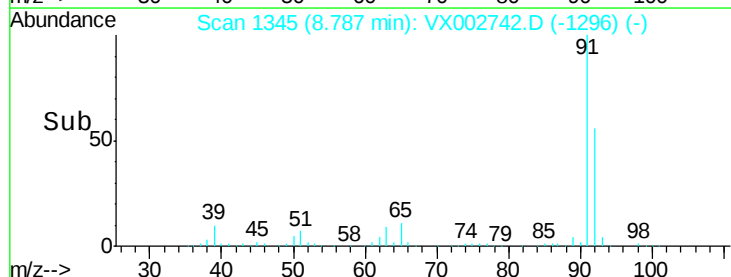
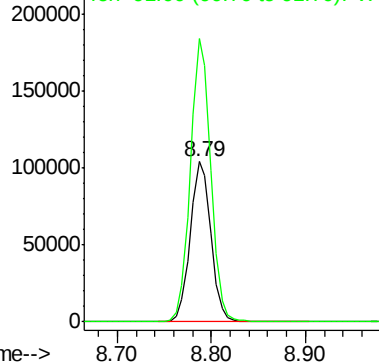
92 100

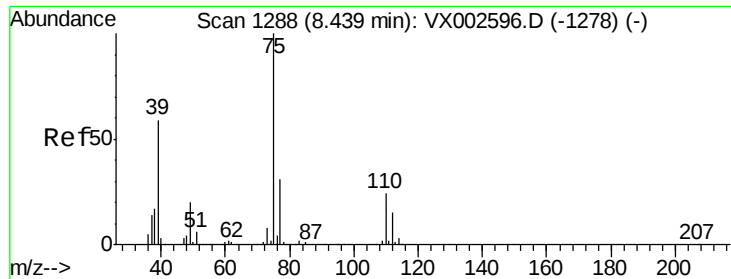
91 173.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 20.73 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

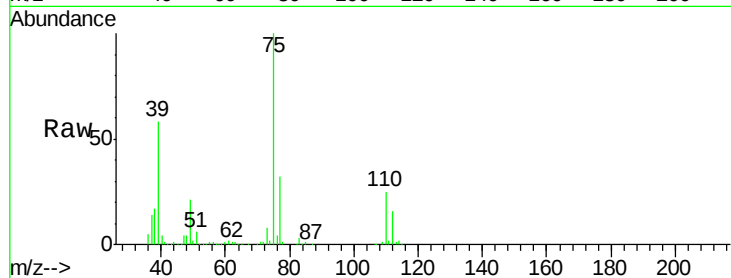
ClientSampled :

Tot Ion: 75 Resp: 90301

Ion Ratio Lower Upper

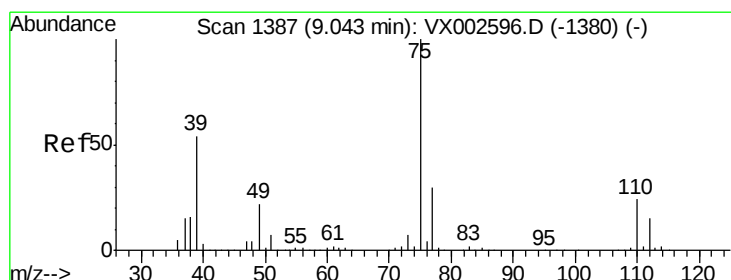
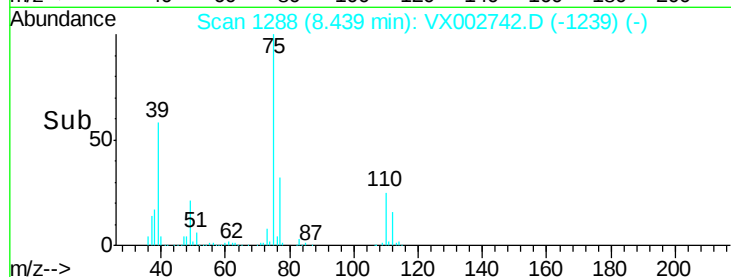
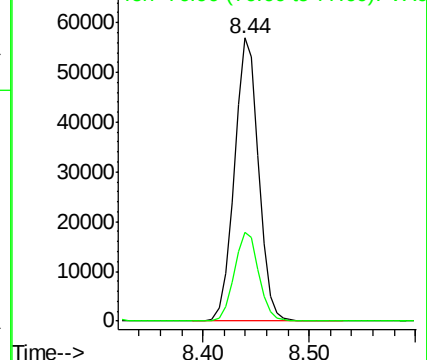
75 100

77 31.6 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.79 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

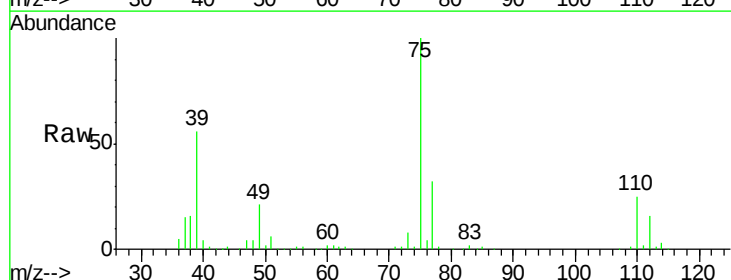
Tgt Ion: 75 Resp: 83980

Ion Ratio Lower Upper

75 100

77 31.9 24.8 37.2

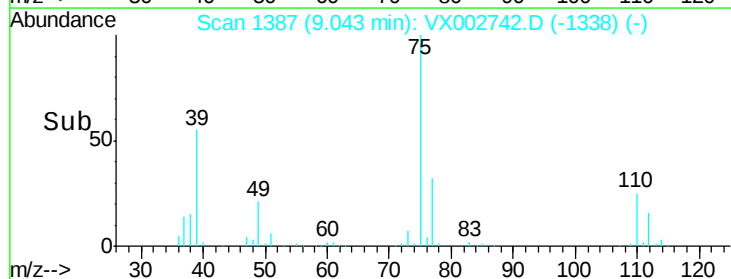
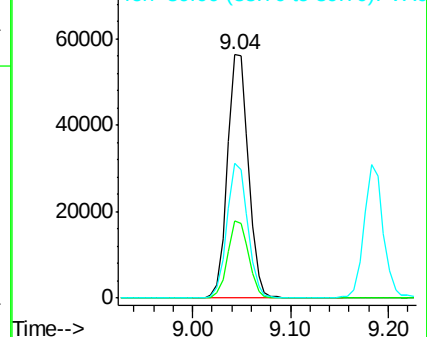
39 55.3 42.4 63.6

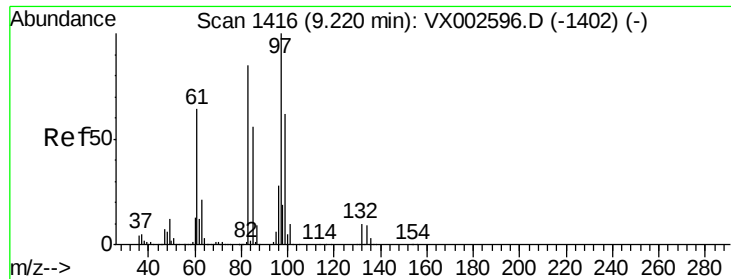


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

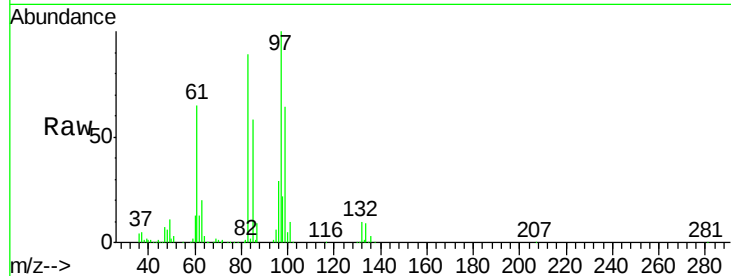




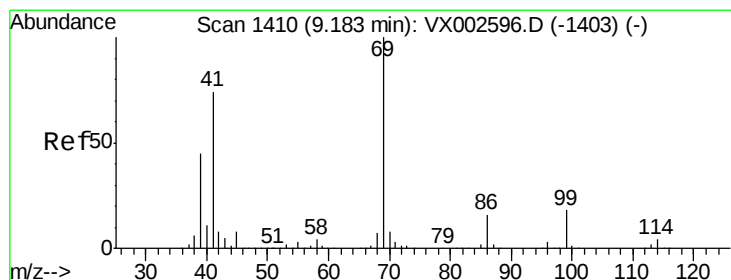
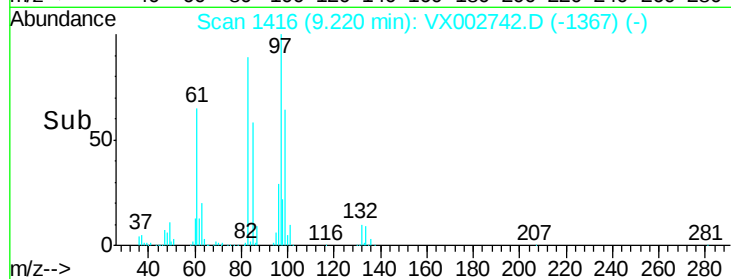
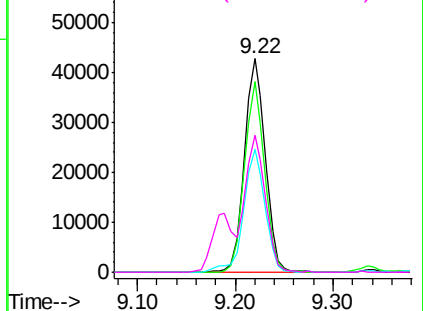
#55
 1,1,2-Trichloroethane
 Concen: 21.49 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	63165
Ion	Ratio	Lower	Upper
97	100		
83	89.4	70.2	105.2
85	57.8	44.9	67.3
99	64.4	49.8	74.8

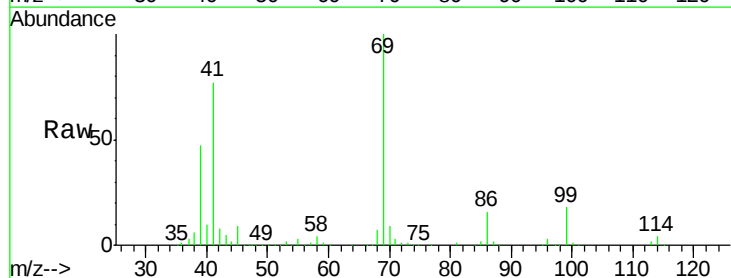


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

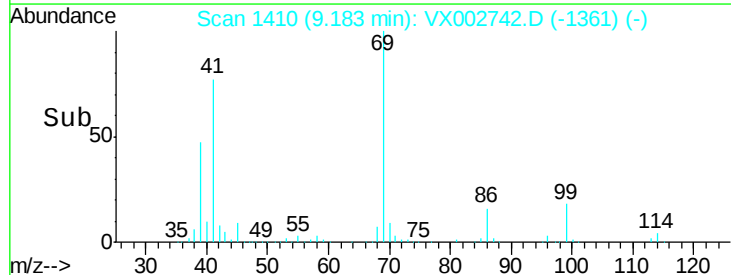
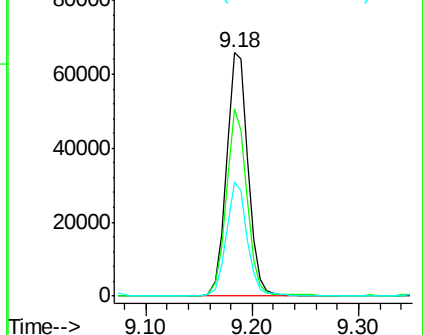


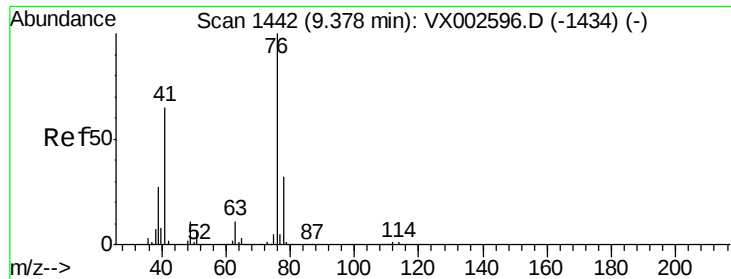
#56
 Ethyl methacrylate
 Concen: 20.67 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Tgt Ion:	69	Resp:	93530
Ion	Ratio	Lower	Upper
69	100		
41	73.4	60.3	90.5
39	44.7	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

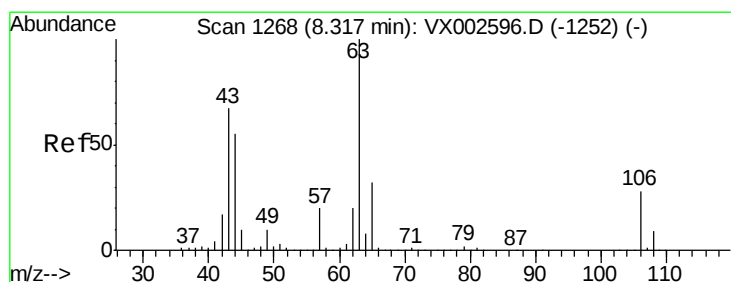
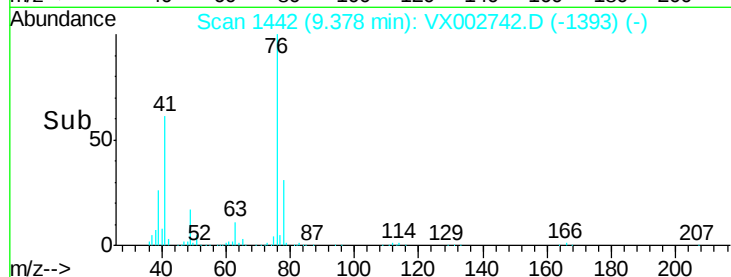
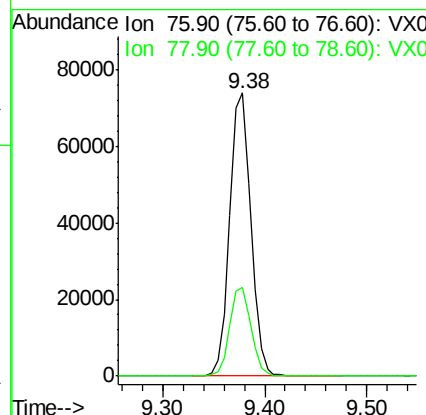
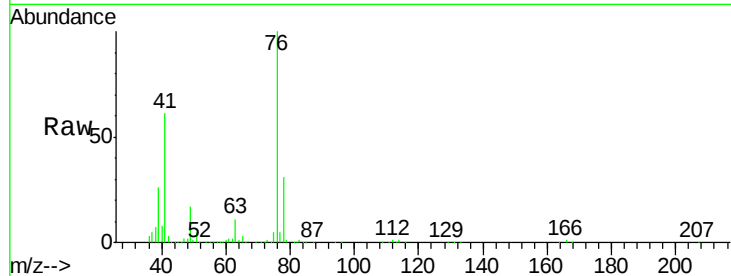




#57
 1,3-Dichloropropane
 Concen: 21.40 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

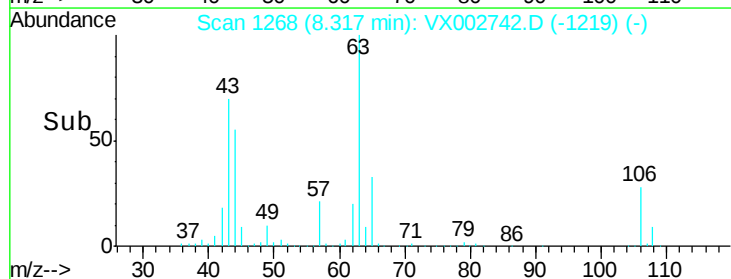
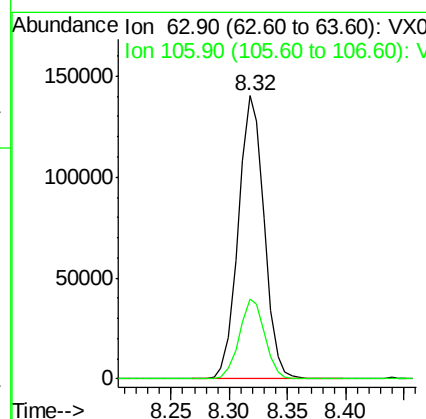
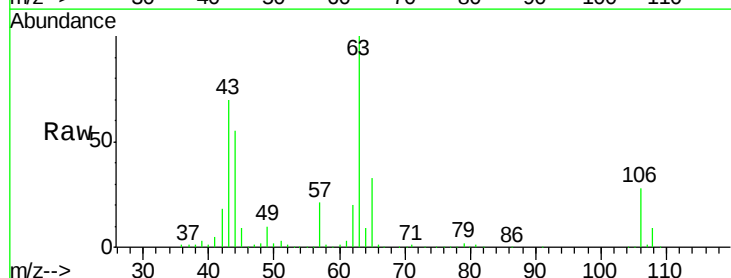
Instrument :
 MSVOA_X
 ClientSampleId :

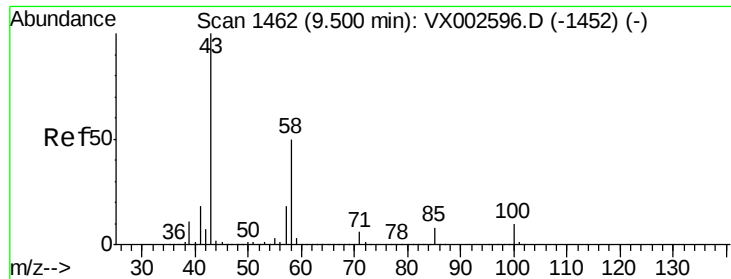
Tot Ion: 76 Resp: 106411
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.22 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Tgt Ion: 63 Resp: 217097
 Ion Ratio Lower Upper
 63 100
 106 27.8 21.8 32.8

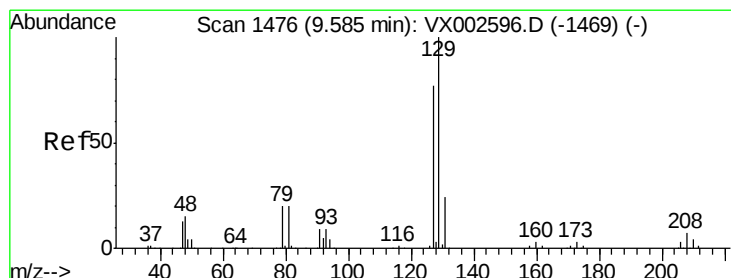
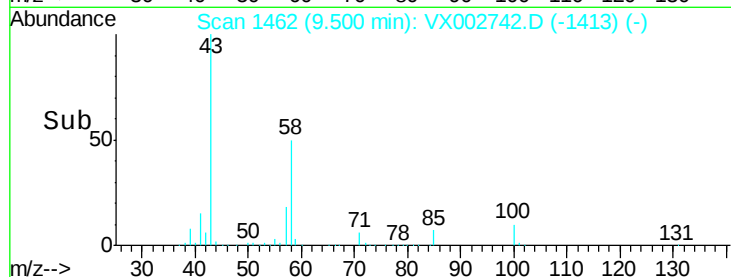
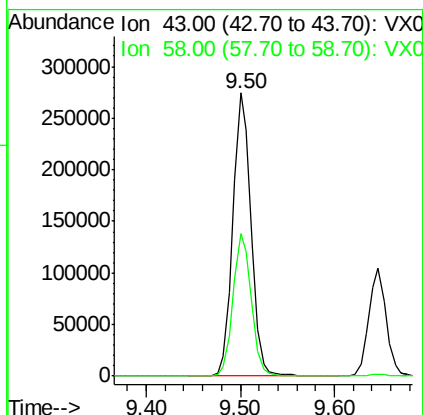
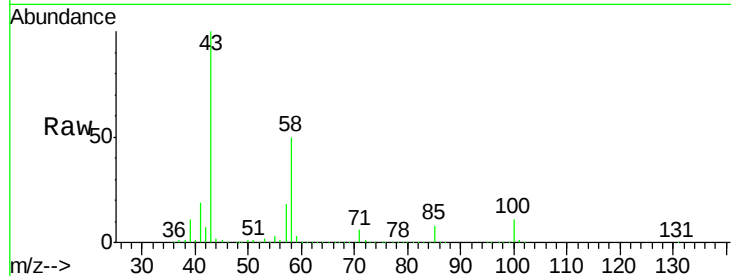




#59
2-Hexanone
Concen: 106.47 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

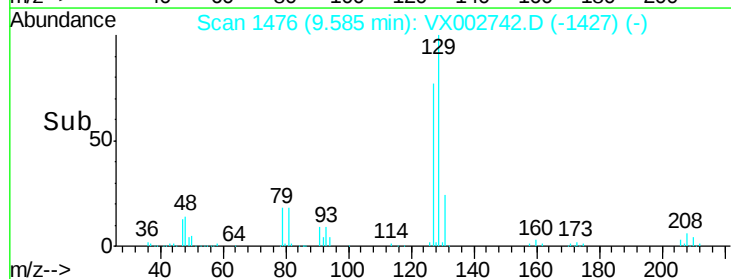
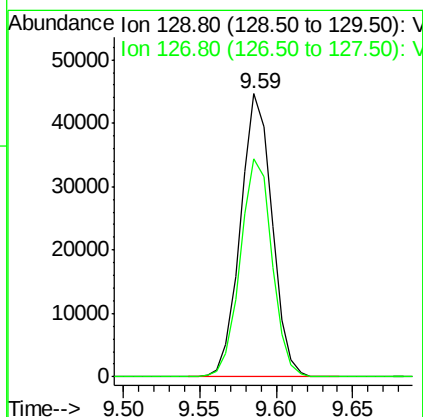
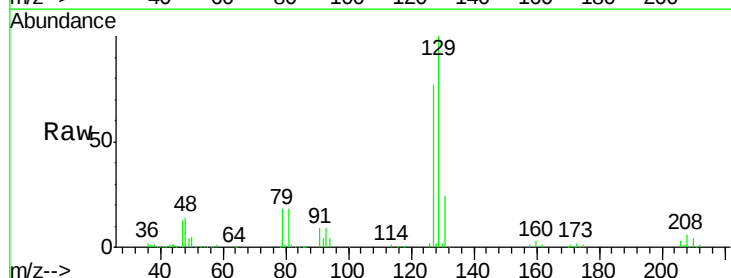
Instrument :
MSVOA_X
ClientSampleId :

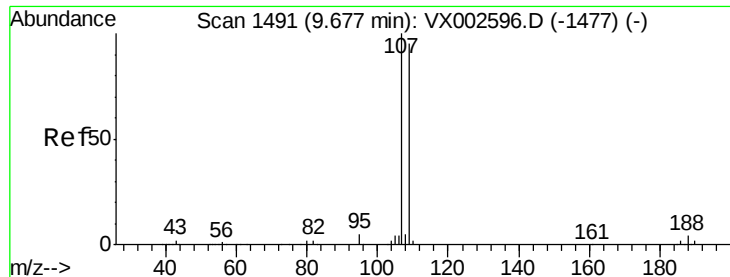
Tot Ion: 43 Resp: 367434
Ion Ratio Lower Upper
43 100
58 50.4 24.6 73.6



#60
Dibromochloromethane
Concen: 21.65 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion:129 Resp: 63969
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 22.15 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

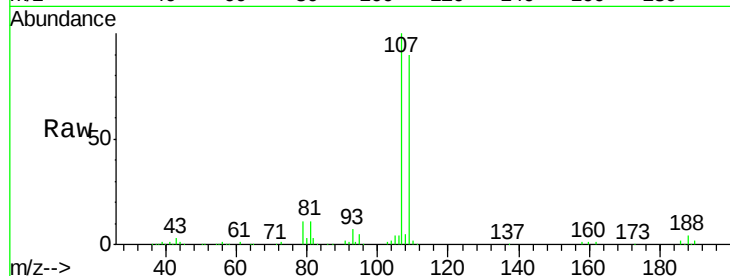
ClientSampled :

Tot Ion:107 Resp: 67426

Ion Ratio Lower Upper

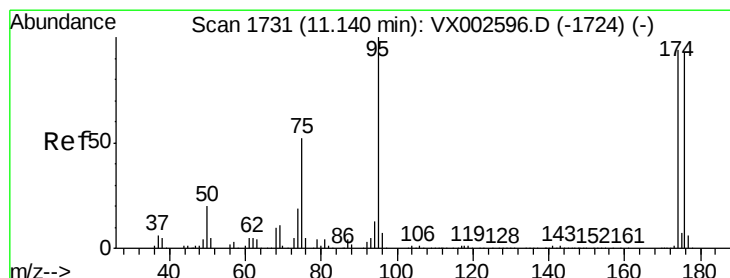
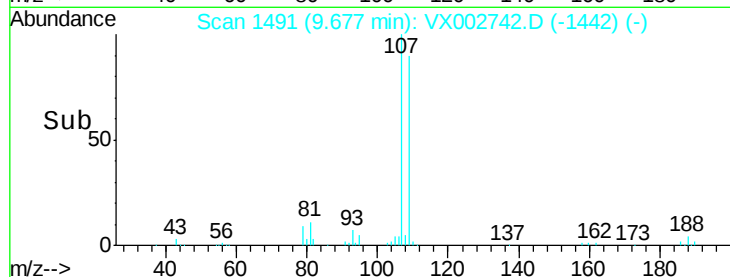
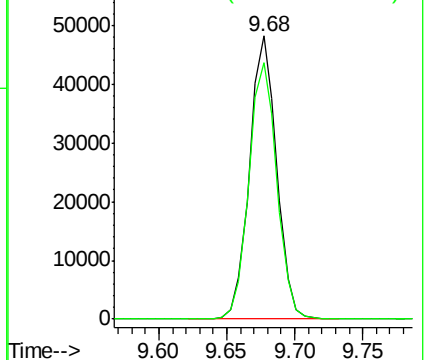
107 100

109 93.5 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.22 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

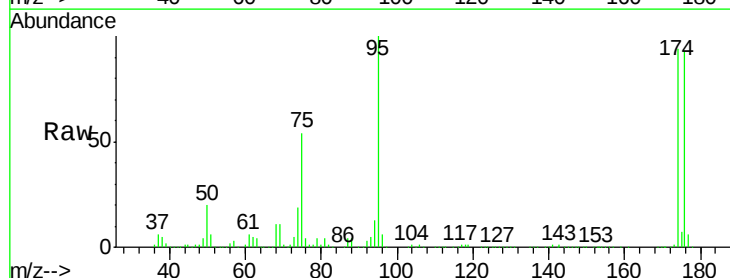
Tgt Ion: 95 Resp: 194176

Ion Ratio Lower Upper

95 100

174 96.9 0.0 187.4

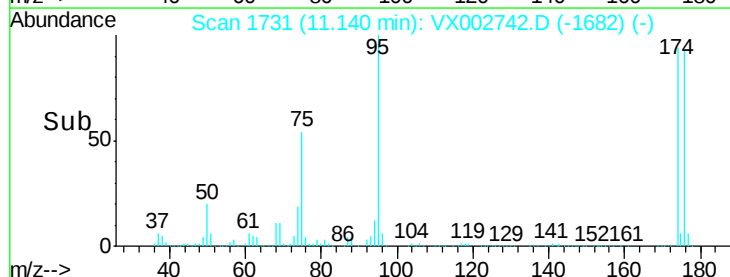
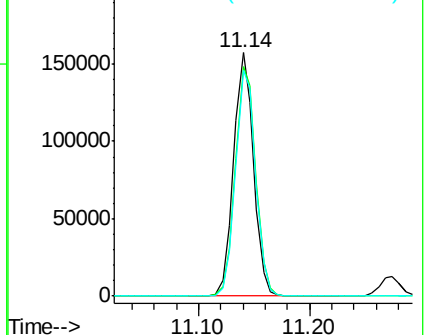
176 94.2 0.0 181.0

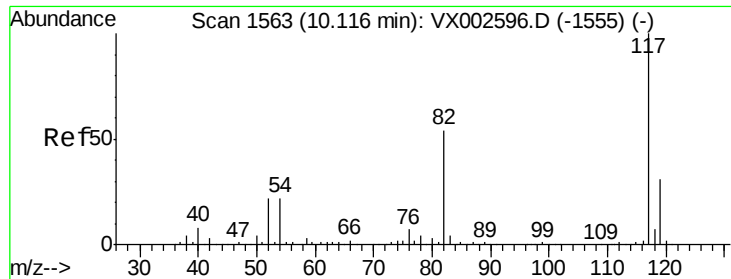


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

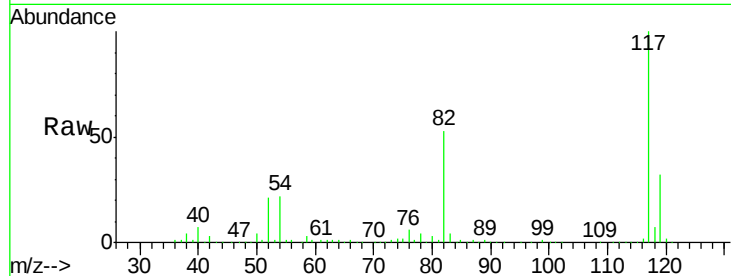




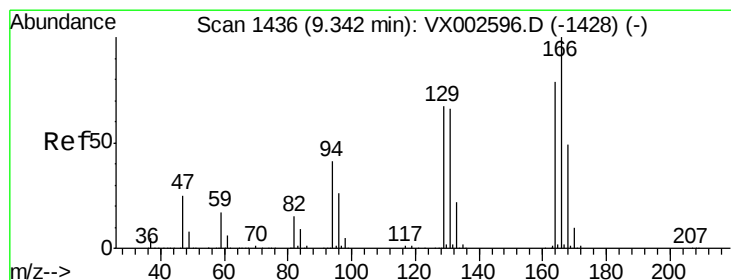
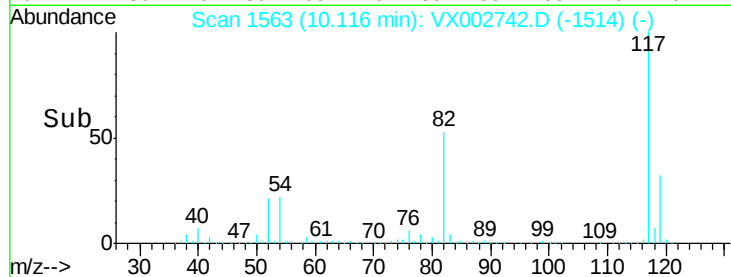
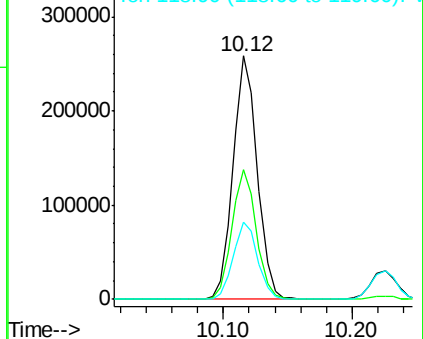
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 339800
Ion Ratio Lower Upper
117 100
82 53.3 45.0 67.4
119 31.9 25.8 38.6

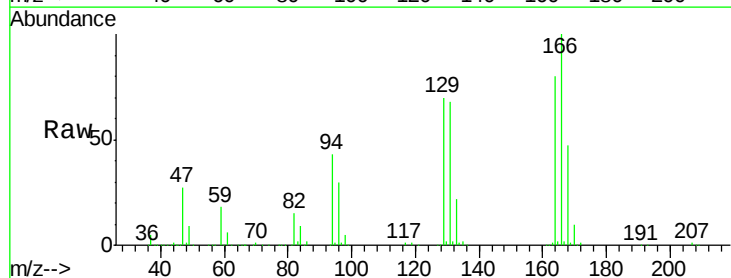


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

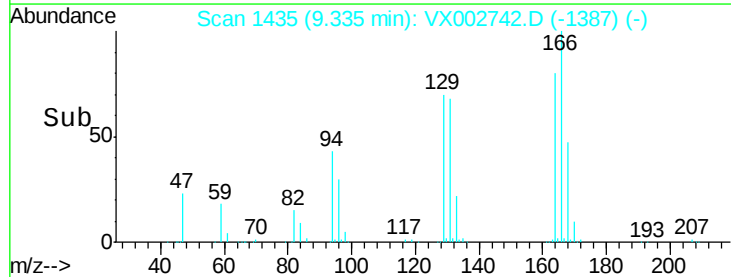
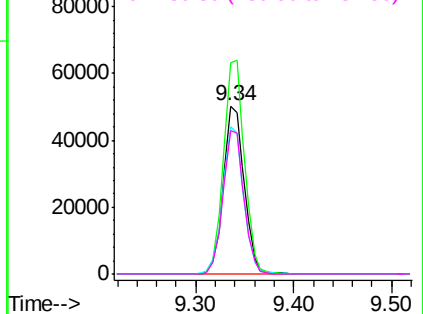


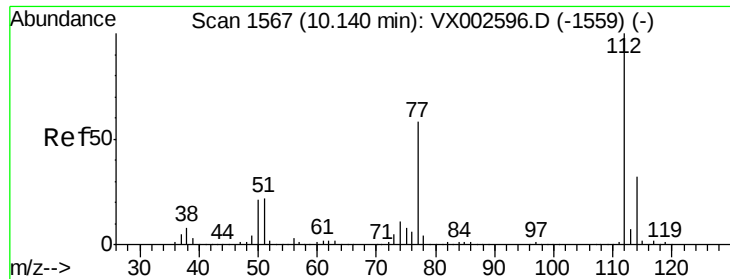
#64
Tetrachloroethene
Concen: 19.65 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion:164 Resp: 74111
Ion Ratio Lower Upper
164 100
166 125.4 102.9 154.3
129 87.5 68.6 102.8
131 85.1 66.8 100.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 21.53 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

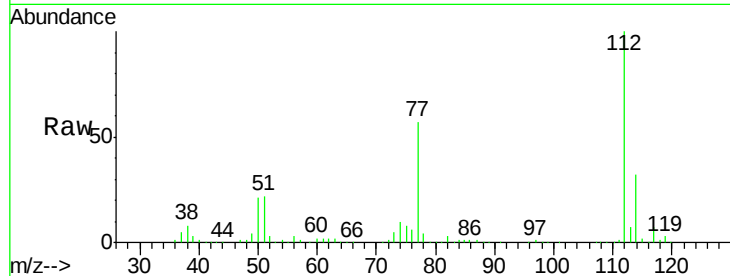
ClientSampled :

Tot Ion:112 Resp: 179697

Ion Ratio Lower Upper

112 100

114 32.5 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

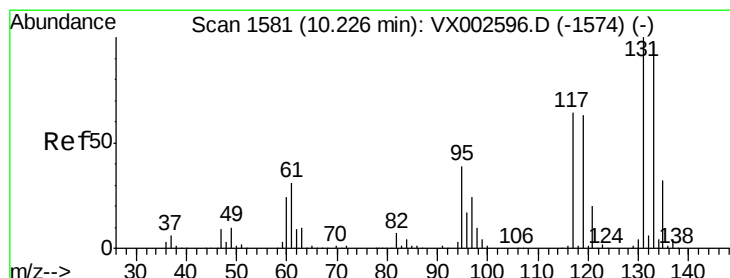
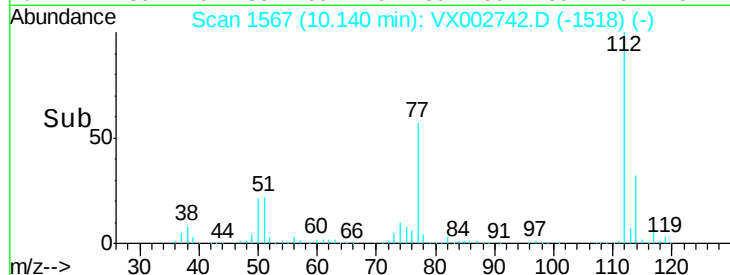
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 22.46 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

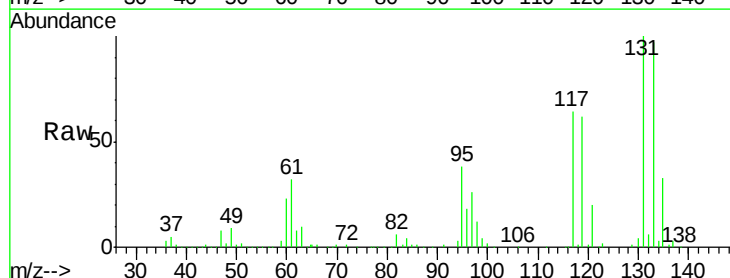
Tgt Ion:131 Resp: 63891

Ion Ratio Lower Upper

131 100

133 97.1 47.9 143.6

119 64.7 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

60000

50000

40000

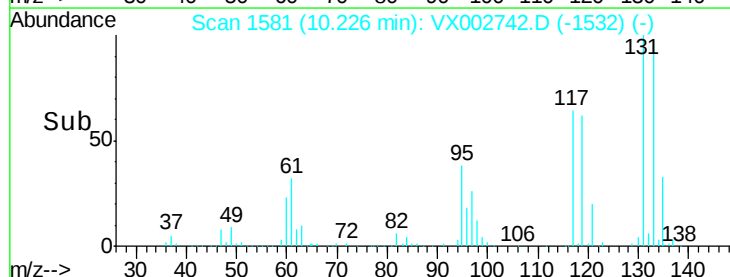
30000

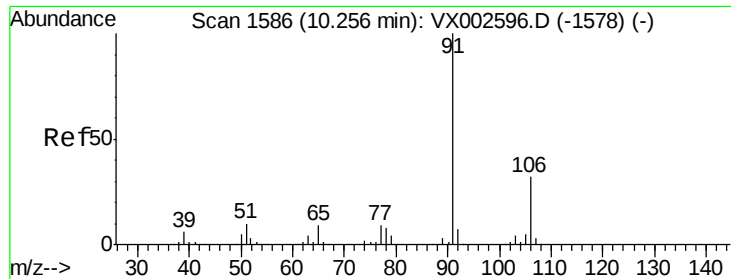
20000

10000

0

Time-->





#67

Ethyl Benzene

Concen: 21.54 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

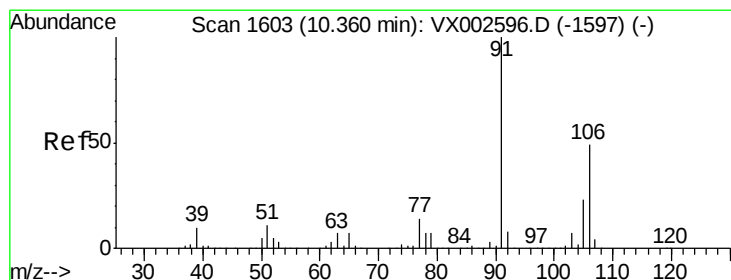
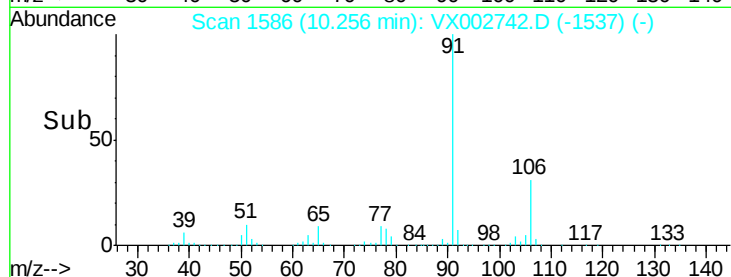
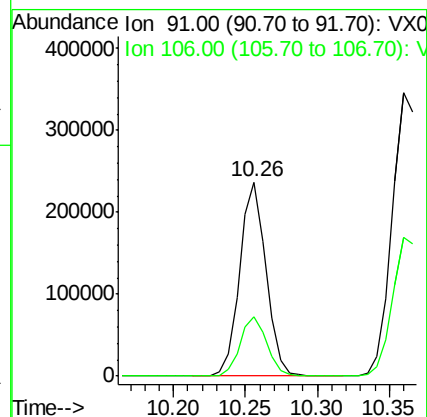
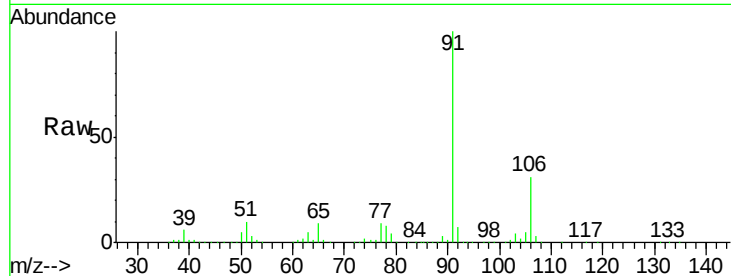
ClientSampleId :

Tot Ion: 91 Resp: 303179

Ion Ratio Lower Upper

91 100

106 30.7 25.5 38.3



#68

m/p-Xylenes

Concen: 43.43 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX002742.D

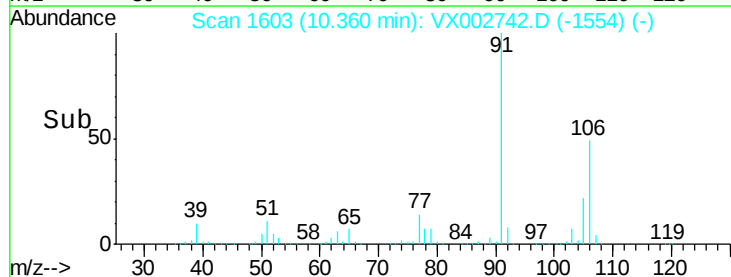
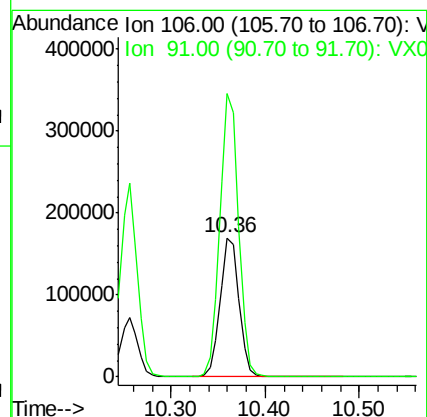
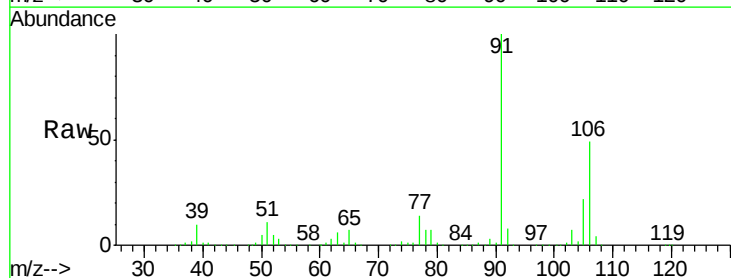
Acq: 20 Jun 2018 15:27

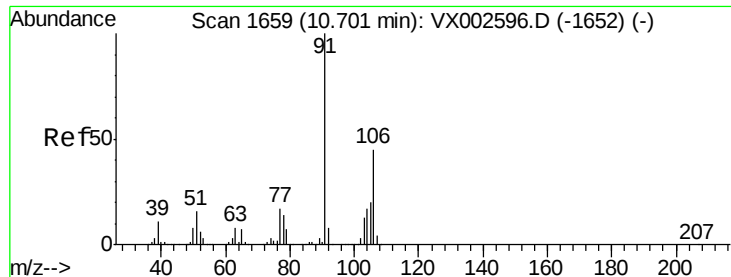
Tgt Ion: 106 Resp: 235781

Ion Ratio Lower Upper

106 100

91 202.3 163.4 245.2

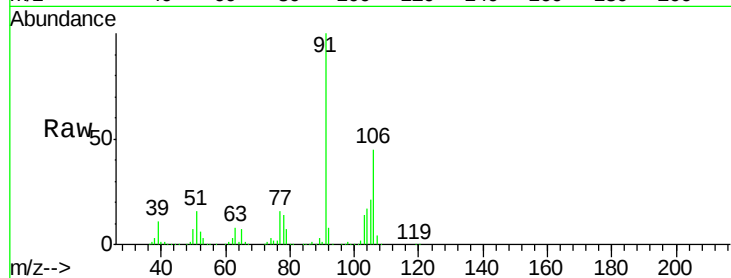




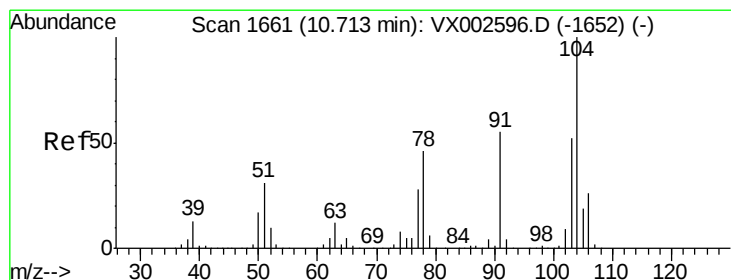
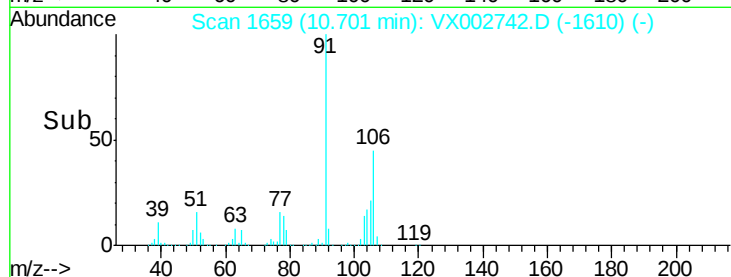
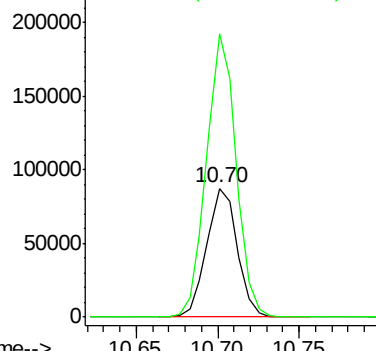
#69
o-Xylene
Concen: 21.29 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 113569
Ion Ratio Lower Upper
106 100
91 214.9 108.2 324.6

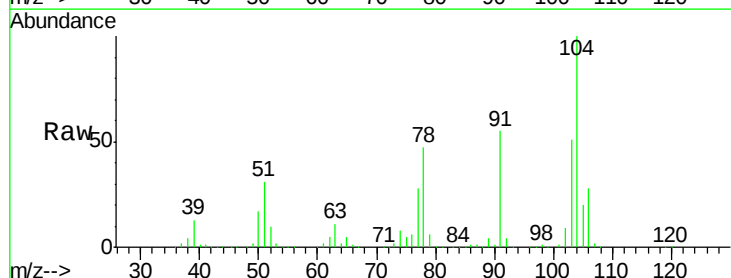


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

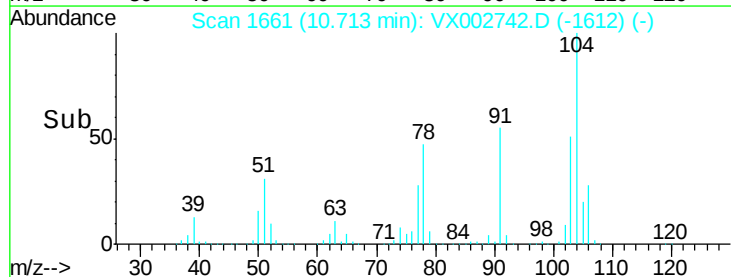
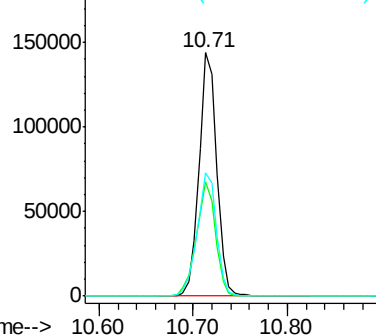


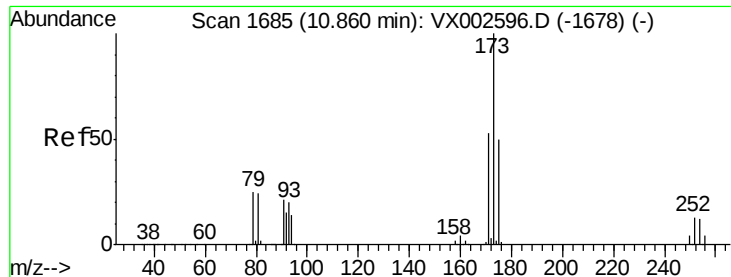
#70
Styrene
Concen: 21.42 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion:104 Resp: 187926
Ion Ratio Lower Upper
104 100
78 50.9 41.0 61.6
103 55.5 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

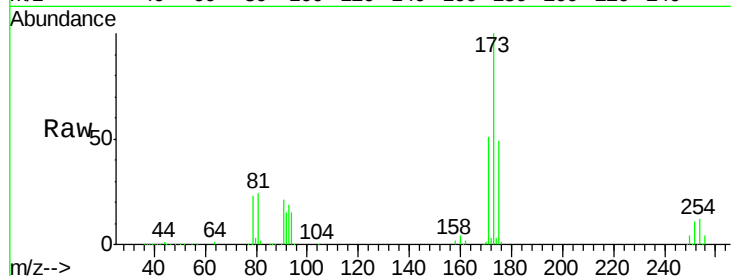




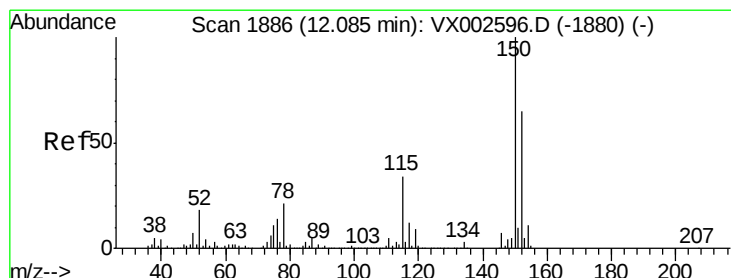
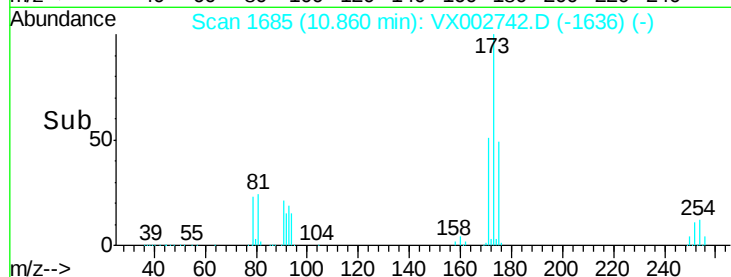
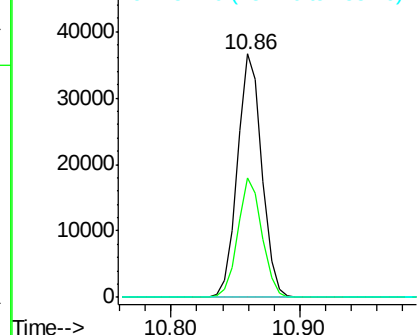
#71
Bromoform
Concen: 21.75 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:173 Resp: 48501
Ion Ratio Lower Upper
173 100
175 48.2 24.7 74.1
254 0.2 0.2 0.2#

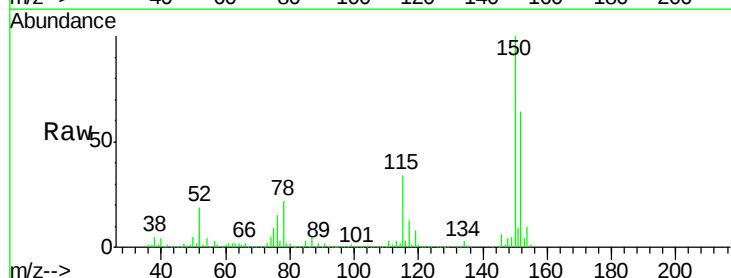


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

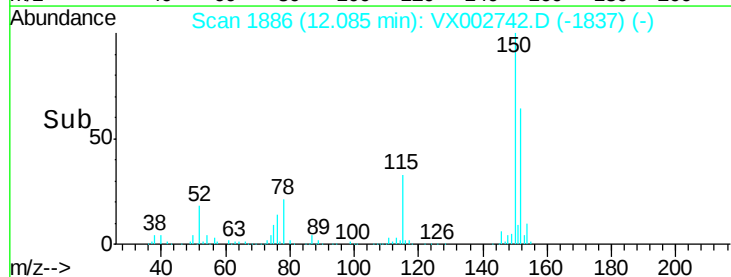
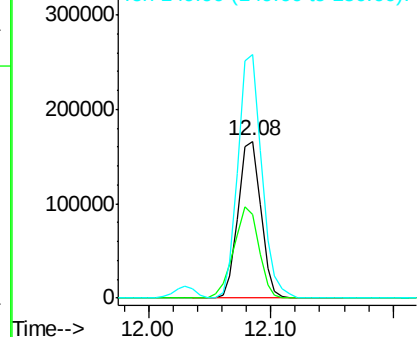


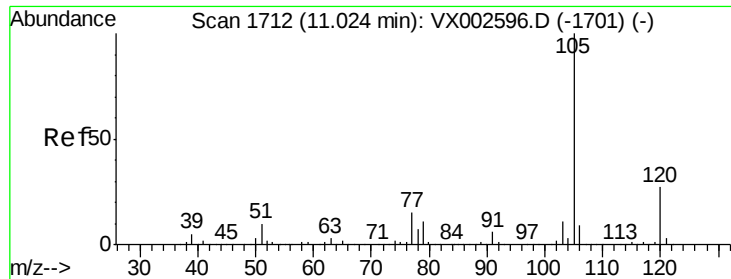
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion:152 Resp: 211712
Ion Ratio Lower Upper
152 100
115 64.3 40.1 120.2
150 162.8 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.66 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

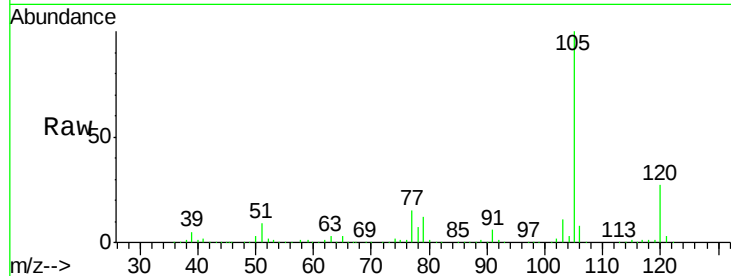
ClientSampleId :

Tot Ion:105 Resp: 306758

Ion Ratio Lower Upper

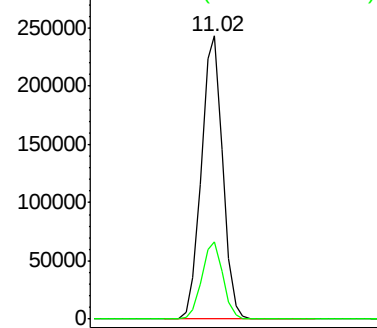
105 100

120 27.2 13.5 40.4

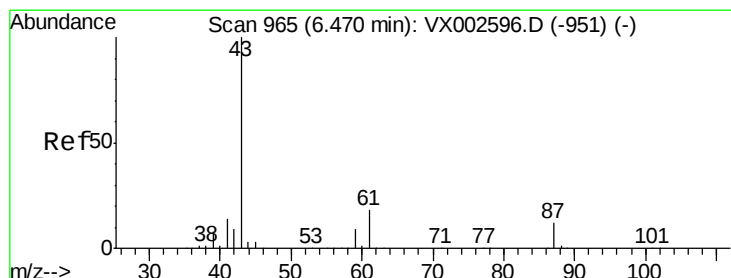
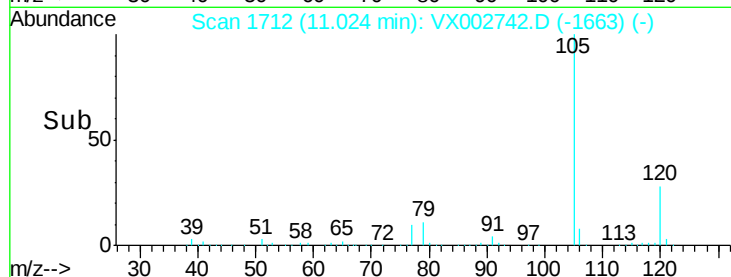


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 20.98 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Tgt Ion: 43 Resp: 147598

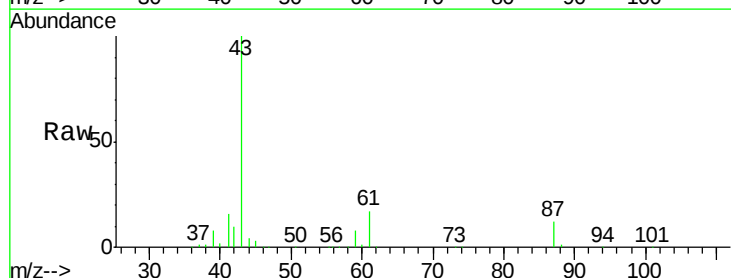
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.9 14.4 21.6

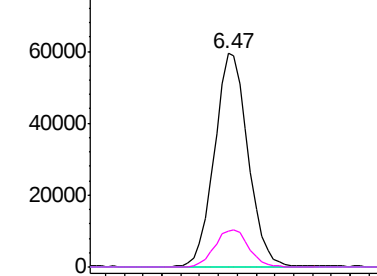


Abundance Ion 43.00 (42.70 to 43.70): VX0

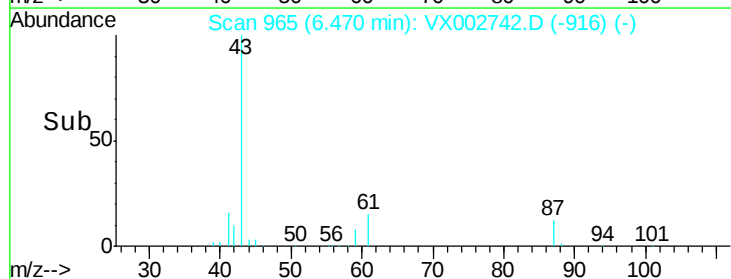
Ion 70.00 (69.70 to 70.70): VX0

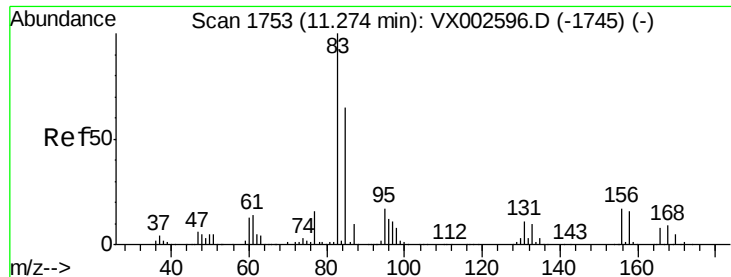
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 23.23 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

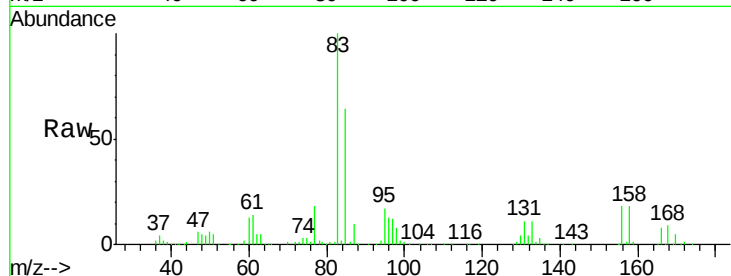
Tot Ion: 83 Resp: 97128

Ion Ratio Lower Upper

83 100

131 11.4 5.6 16.8

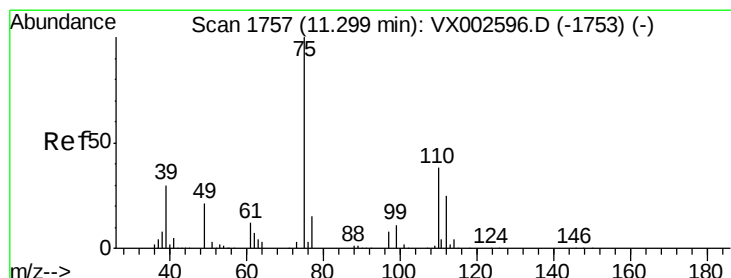
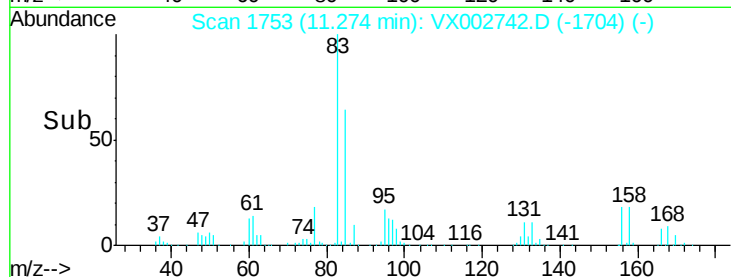
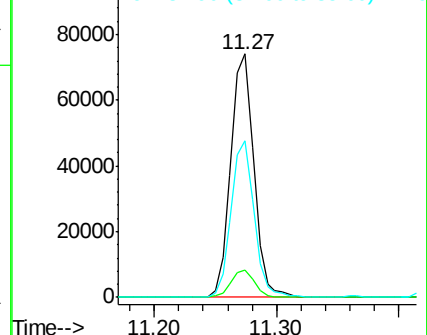
85 64.1 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX002742.D (-1704) (-)

Ion 130.80 (130.50 to 131.50): VX002742.D (-1704) (-)

Ion 84.90 (84.60 to 85.60): VX002742.D (-1704) (-)



#76

1,2,3-Trichloropropane

Concen: 25.53 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002742.D

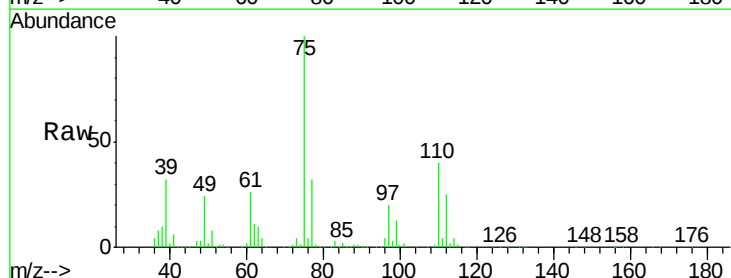
Acq: 20 Jun 2018 15:27

Tgt Ion: 75 Resp: 102010

Ion Ratio Lower Upper

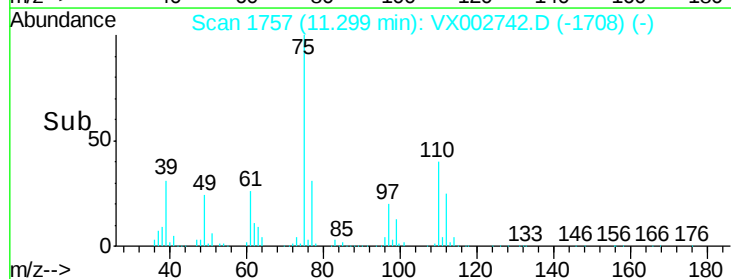
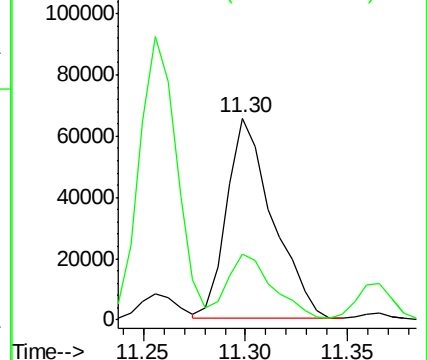
75 100

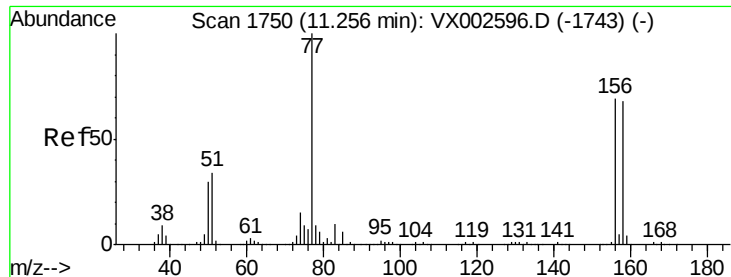
77 33.2 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX002742.D (-1708) (-)

Ion 77.00 (76.70 to 77.70): VX002742.D (-1708) (-)





#77

Bromobenzene

Concen: 22.10 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

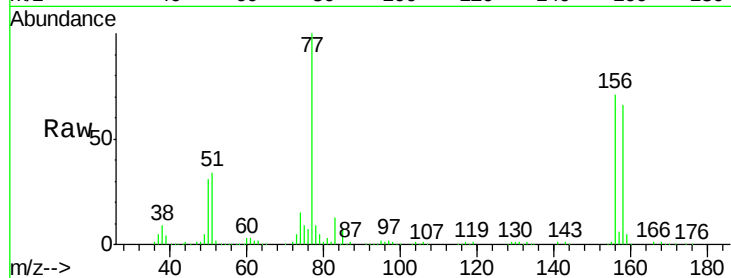
Tot Ion:156 Resp: 87159

Ion Ratio Lower Upper

156 100

77 135.8 71.4 214.2

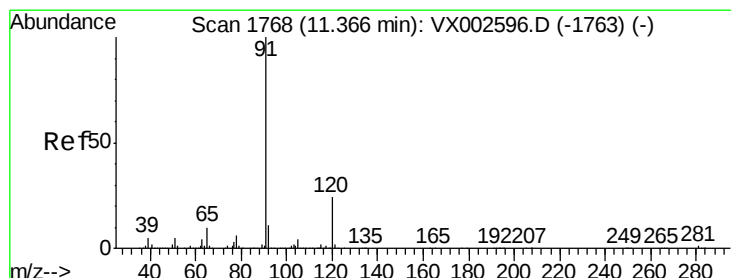
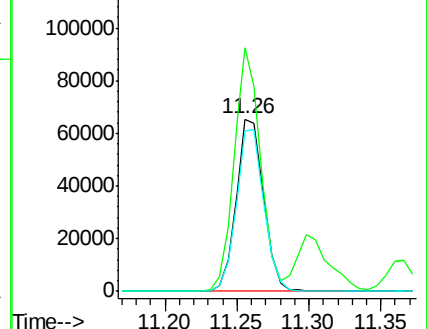
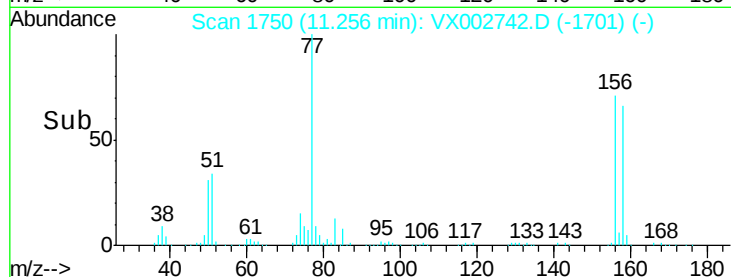
158 94.6 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.69 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002742.D

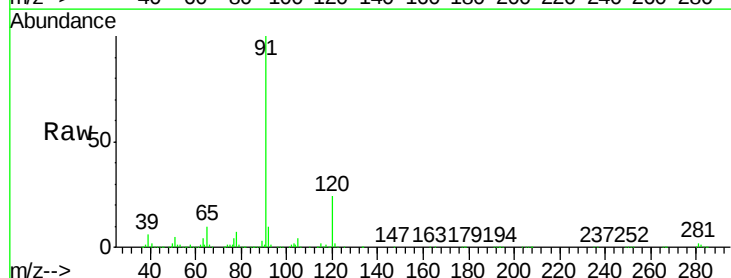
Acq: 20 Jun 2018 15:27

Tgt Ion: 91 Resp: 352196

Ion Ratio Lower Upper

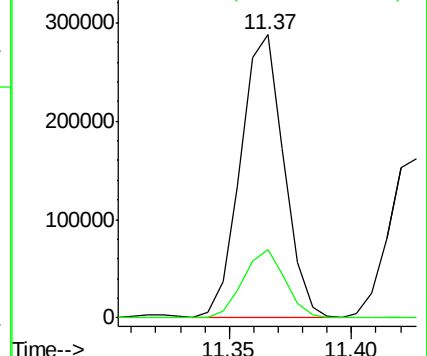
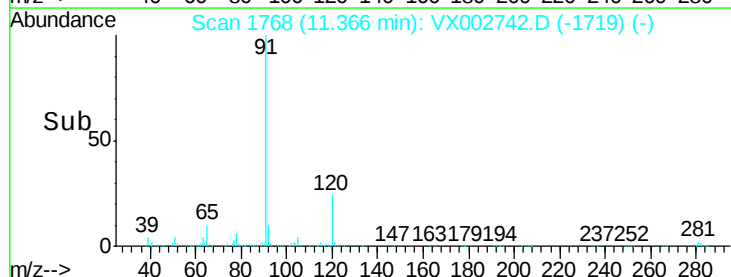
91 100

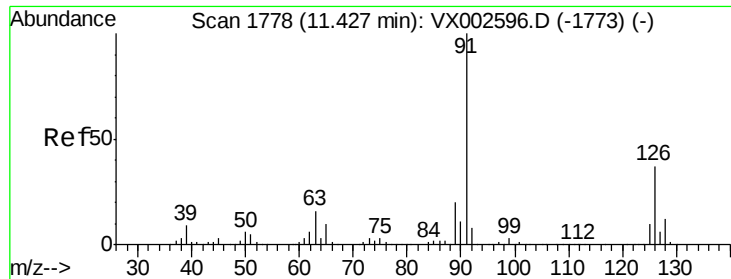
120 23.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

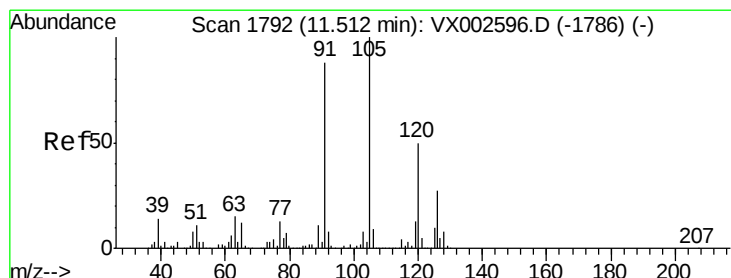
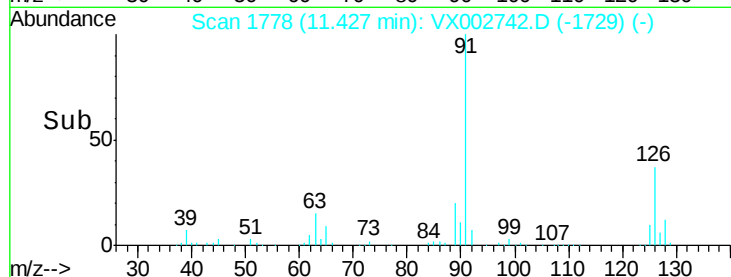
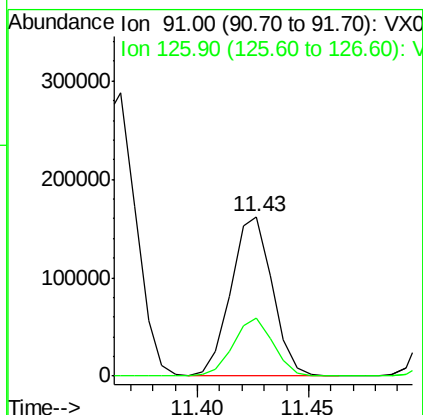
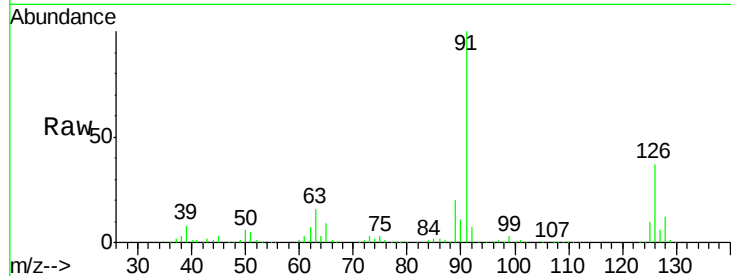




#79
 2-Chlorotoluene
 Concen: 21.49 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

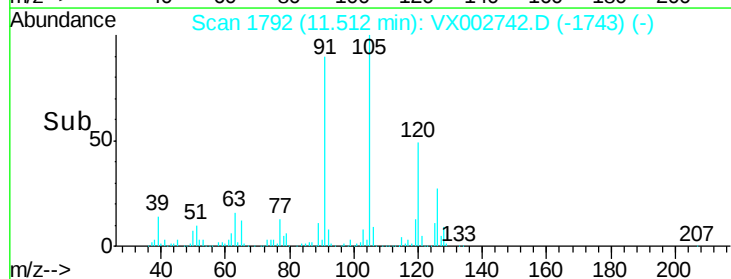
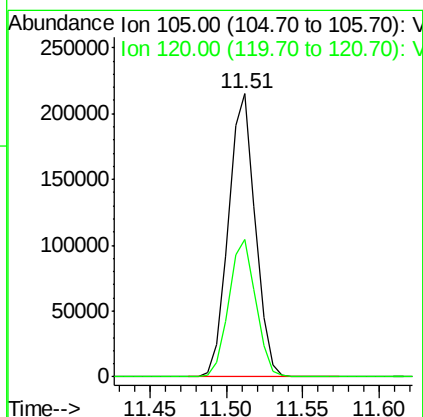
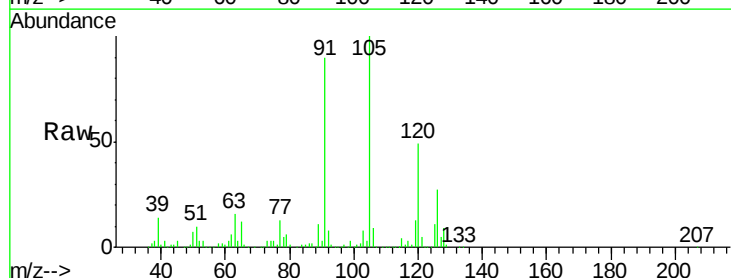
Instrument :
 MSVOA_X
 ClientSampleId :

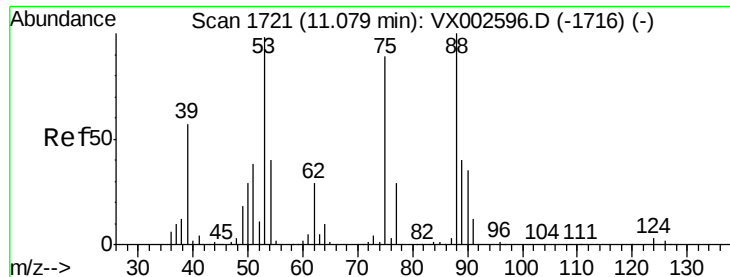
Tot Ion: 91 Resp: 208358
 Ion Ratio Lower Upper
 91 100
 126 36.0 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 21.73 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Tgt Ion: 105 Resp: 260029
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.11 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

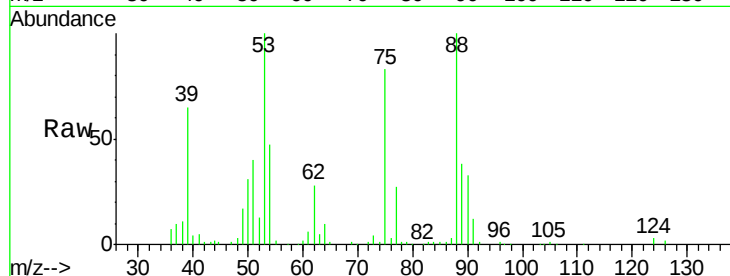
Tot Ion: 75 Resp: 20332

Ion Ratio Lower Upper

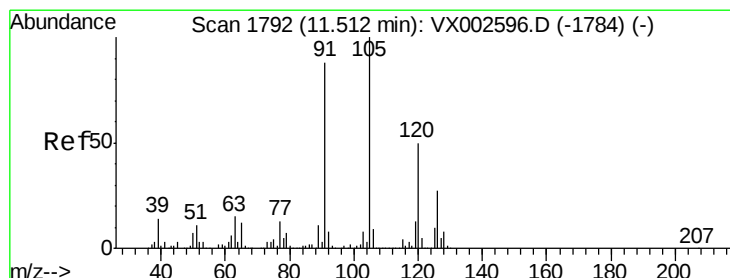
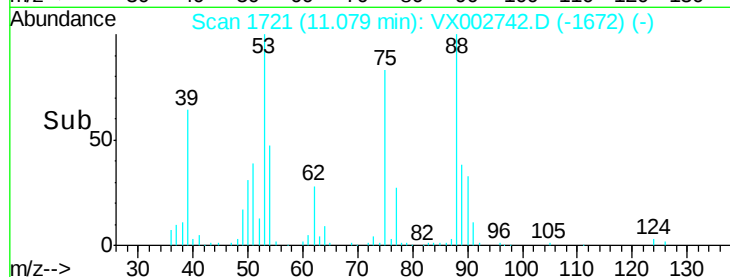
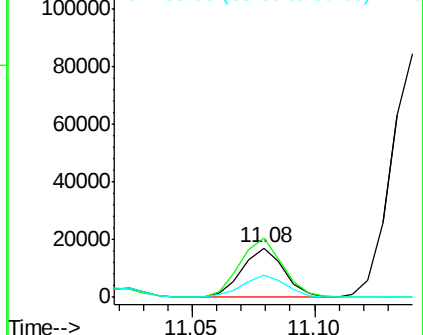
75 100

53 122.0 86.8 130.2

89 47.2 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: 21.72 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002742.D

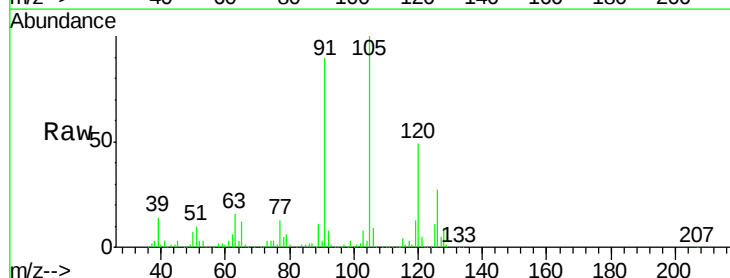
Acq: 20 Jun 2018 15:27

Tgt Ion: 91 Resp: 248538

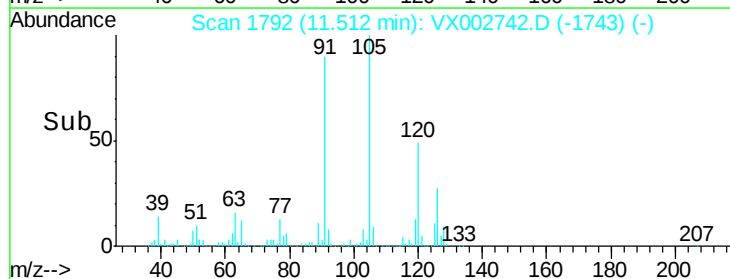
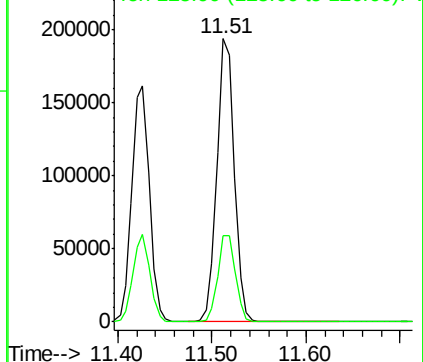
Ion Ratio Lower Upper

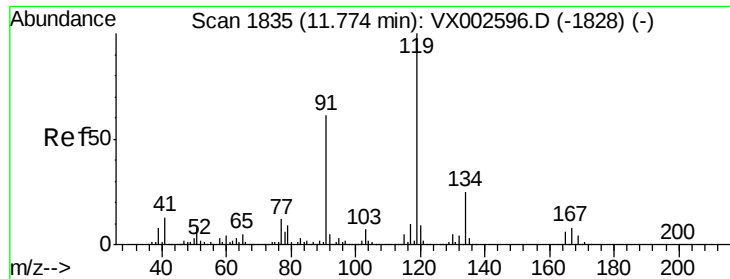
91 100

126 31.1 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

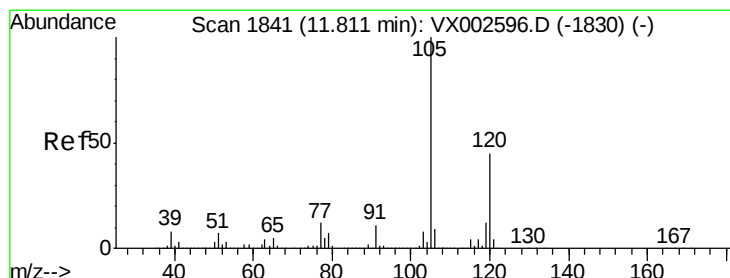
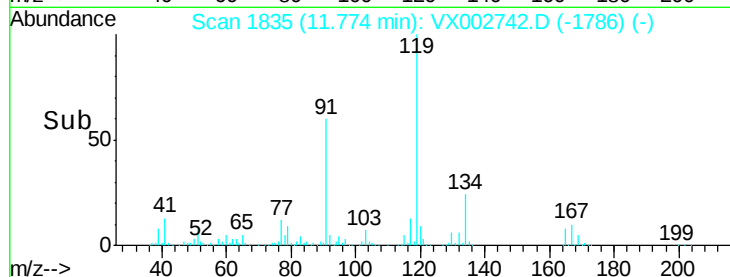
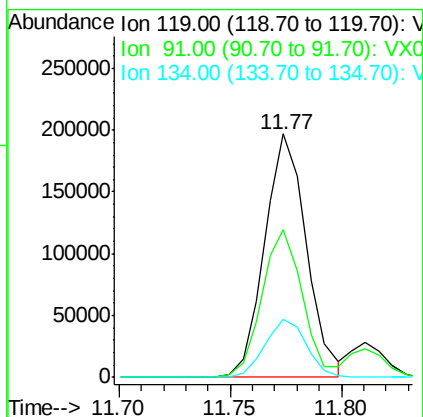
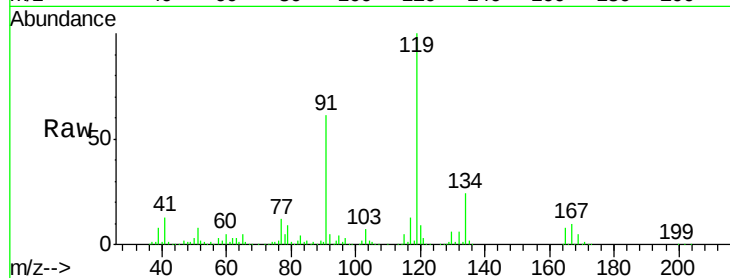




#83
tert-Butylbenzene
Concen: 22.16 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

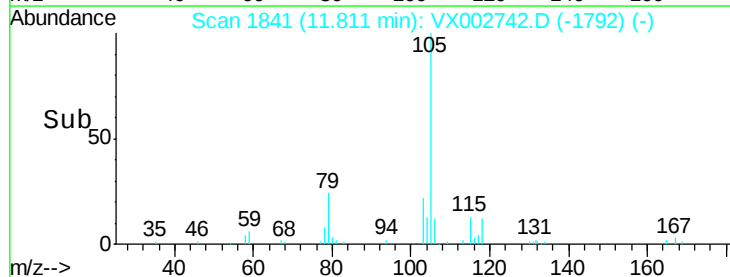
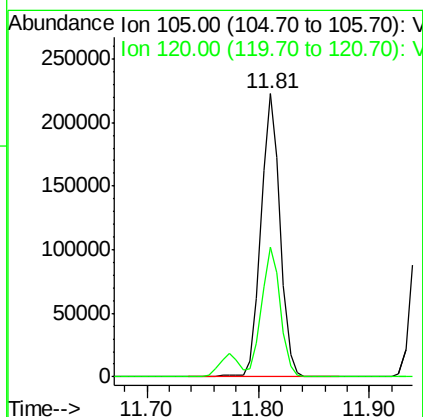
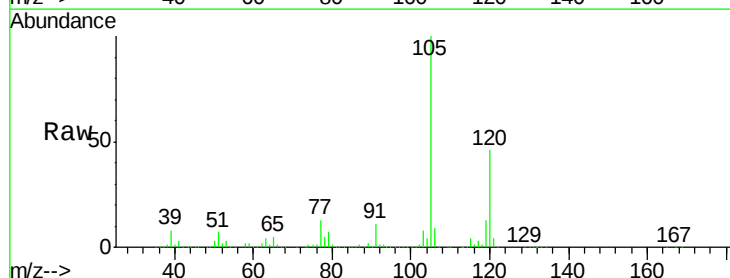
Instrument :
MSVOA_X
ClientSampleId :

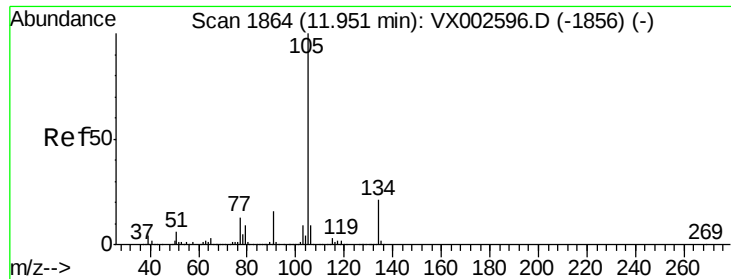
Tot Ion:119 Resp: 255411
Ion Ratio Lower Upper
119 100
91 59.3 30.3 90.9
134 23.8 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 21.93 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion:105 Resp: 267736
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.8





#85

sec-Butylbenzene

Concen: 21.55 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

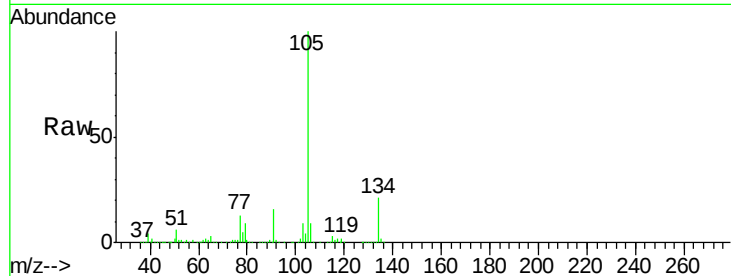
ClientSampleId :

Tot Ion:105 Resp: 308920

Ion Ratio Lower Upper

105 100

134 21.1 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

250000

200000

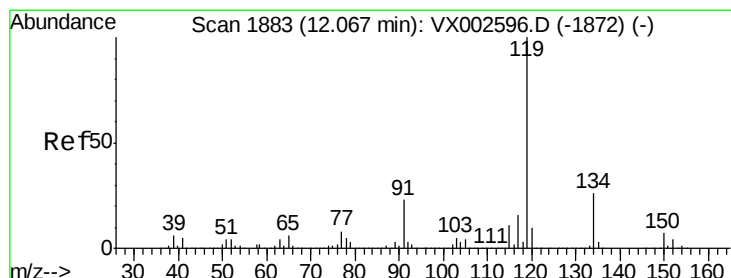
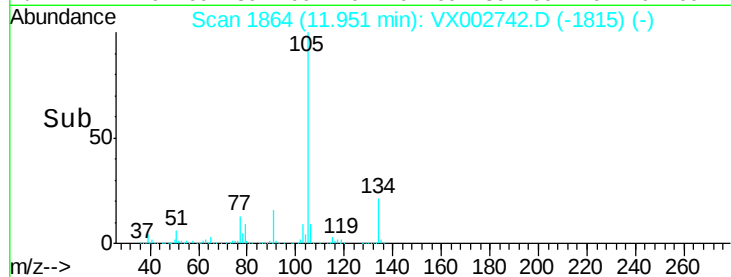
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.67 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

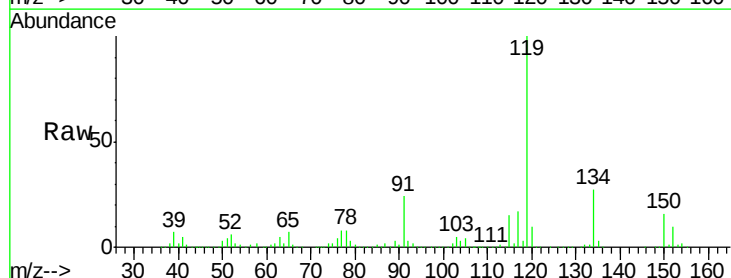
Tgt Ion:119 Resp: 280994

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 23.7 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

12.07

250000

200000

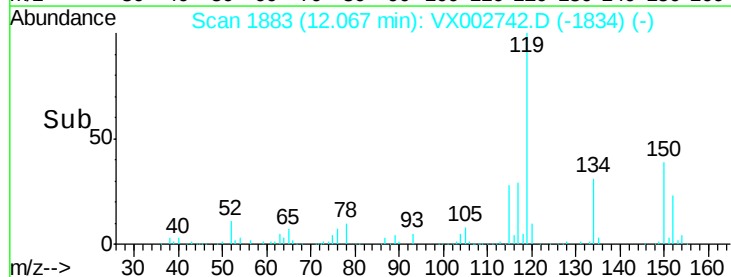
150000

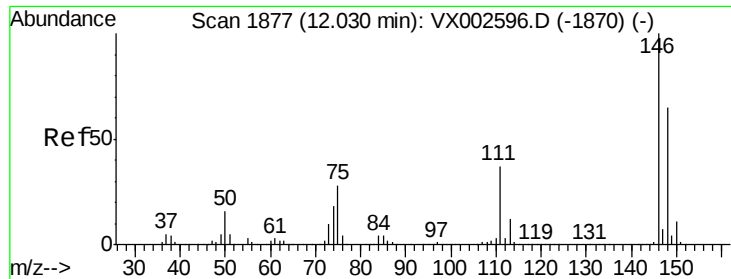
100000

50000

0

Time-->

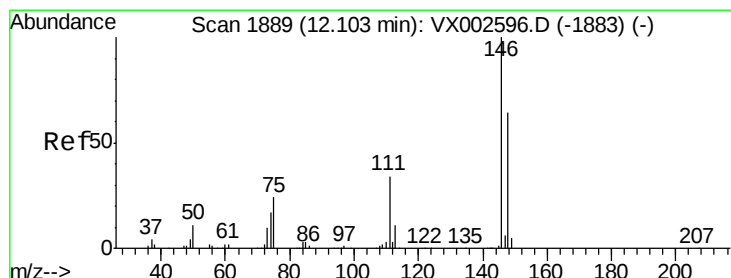
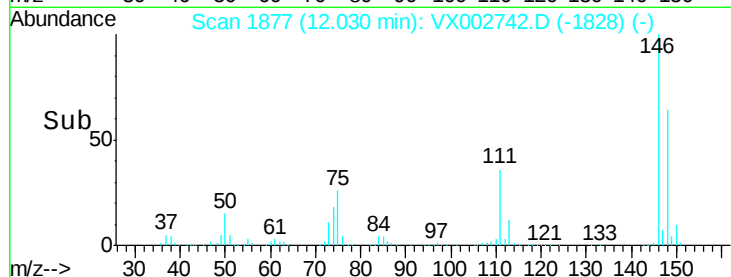
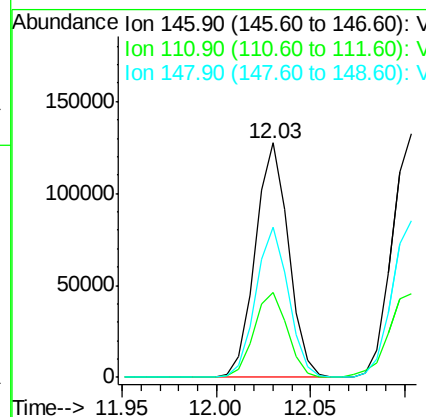
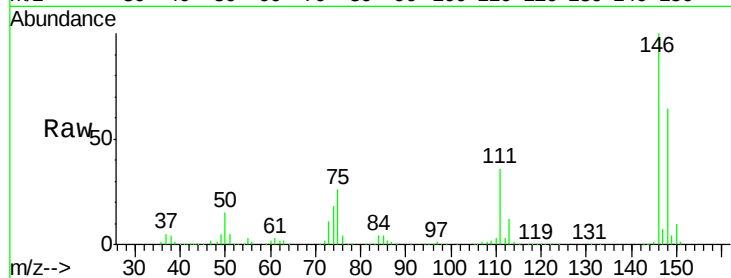




#87
 1,3-Dichlorobenzene
 Concen: 21.50 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

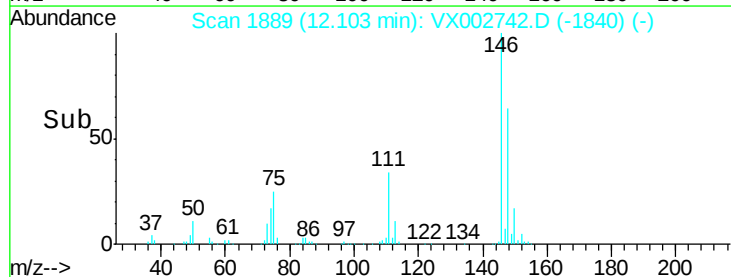
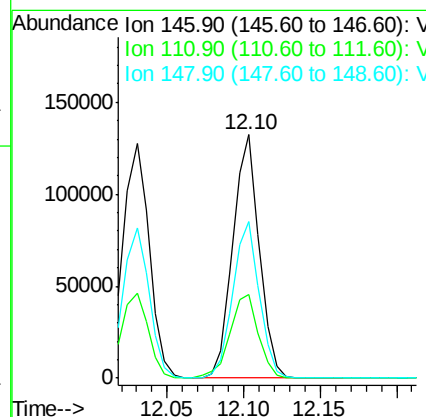
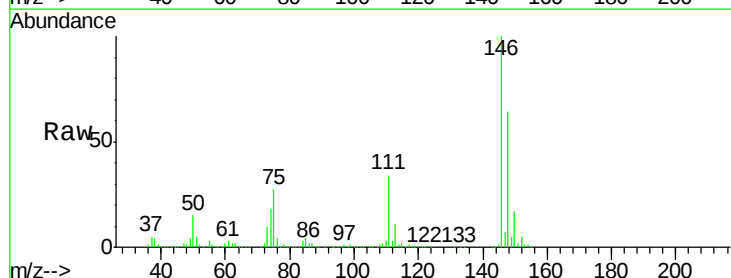
Instrument :
 MSVOA_X
 ClientSampleId :

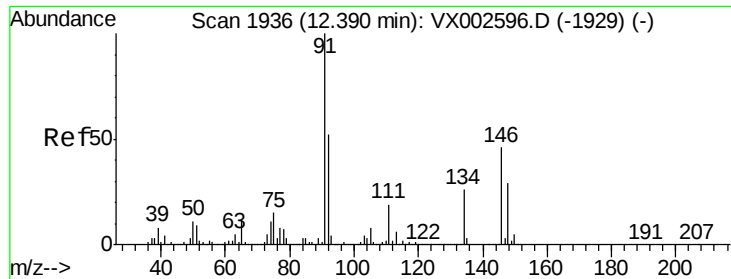
Tot Ion:146 Resp: 155521
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.9 56.7
 148 63.1 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 21.48 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Tgt Ion:146 Resp: 158094
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.7 56.1
 148 64.8 32.4 97.0

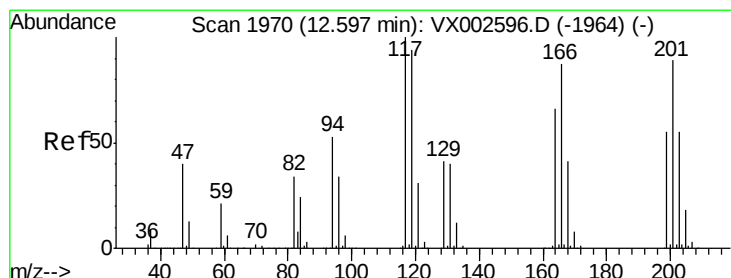
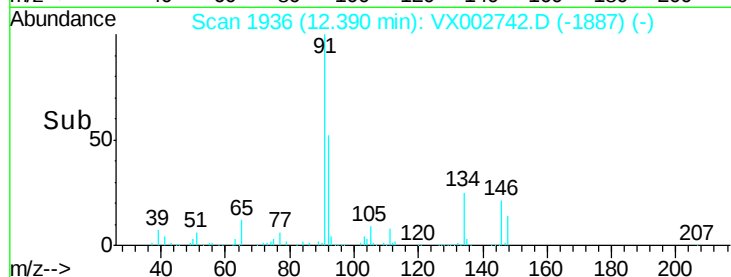
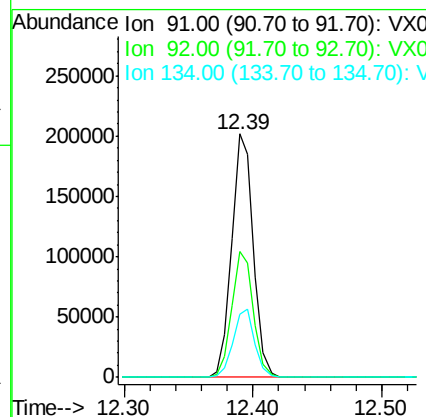
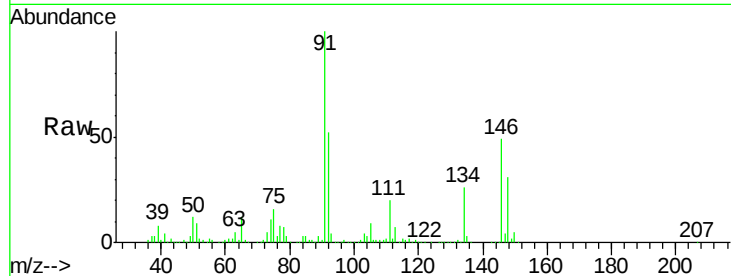




#89
n-Butylbenzene
Concen: 20.86 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

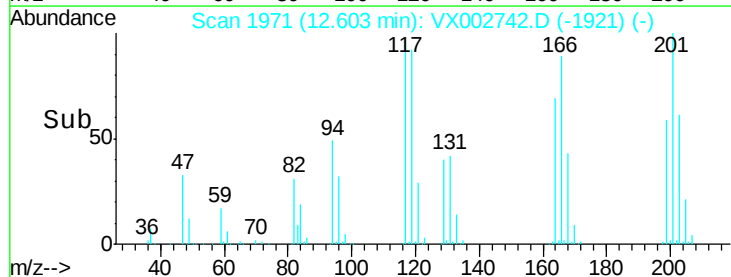
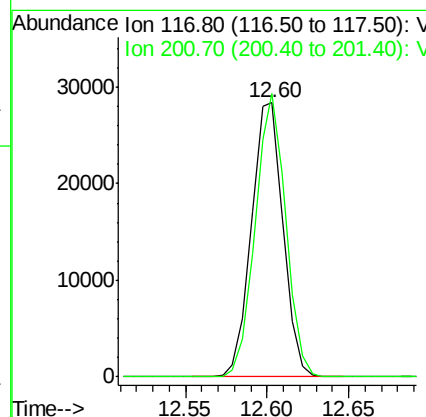
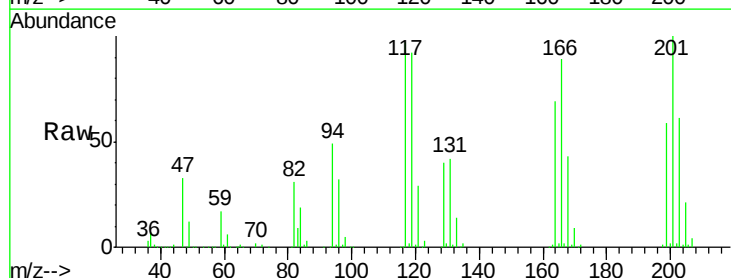
Instrument :
MSVOA_X
ClientSampleId :

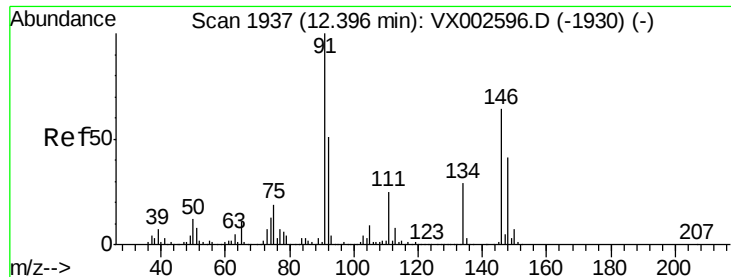
Tot Ion: 91 Resp: 238610
Ion Ratio Lower Upper
91 100
92 51.5 26.0 78.0
134 27.6 13.5 40.5



#90
Hexachloroethane
Concen: 20.60 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion: 117 Resp: 38360
Ion Ratio Lower Upper
117 100
201 98.5 49.0 147.0

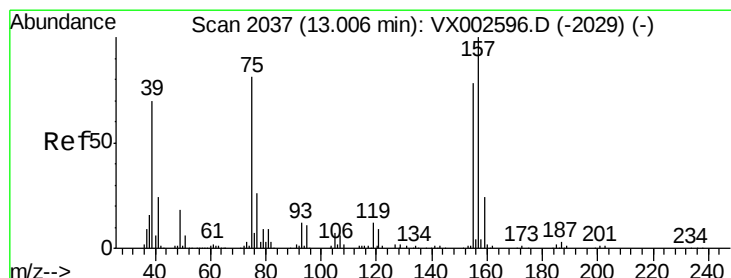
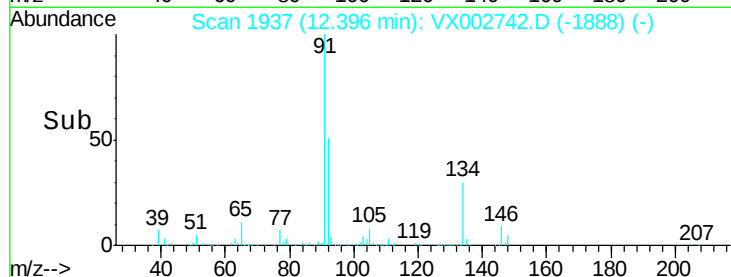
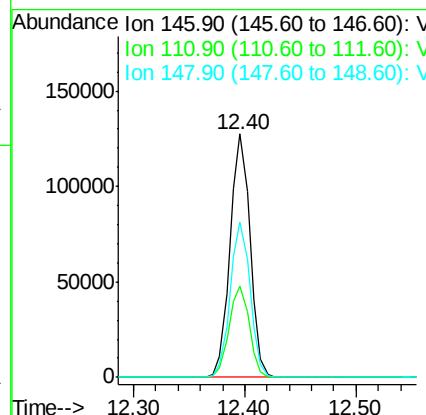
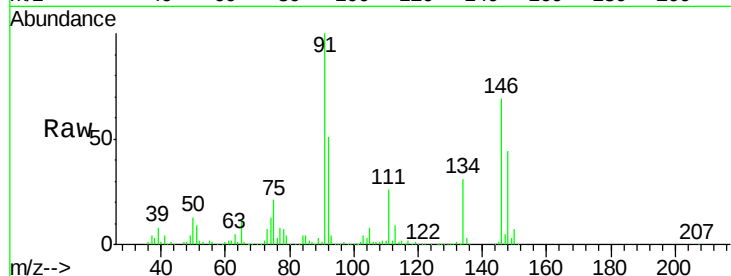




#91
1,2-Dichlorobenzene
Concen: 21.75 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

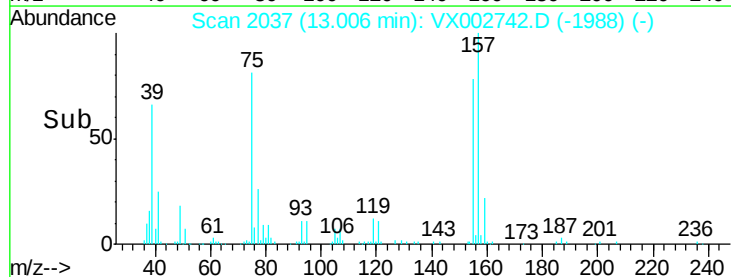
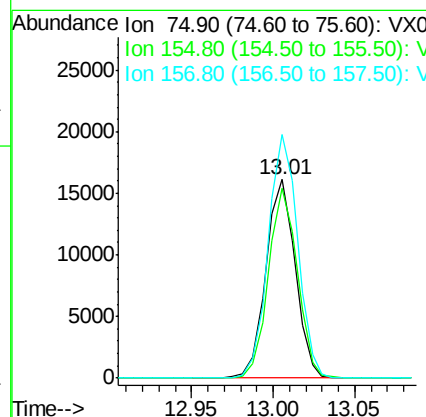
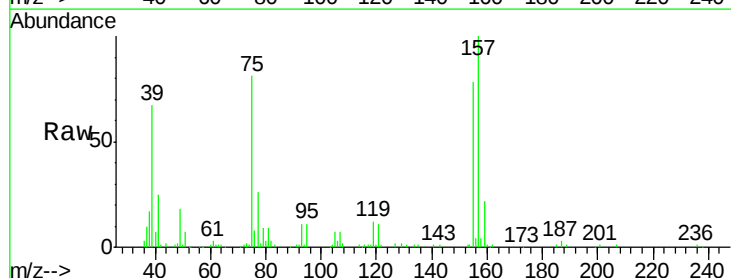
Instrument :
MSVOA_X
ClientSampleId :

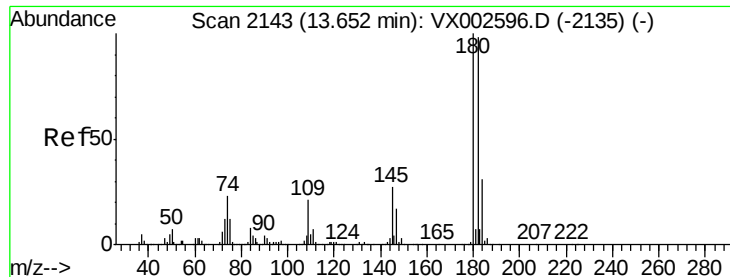
Tot Ion:146 Resp: 158383
Ion Ratio Lower Upper
146 100
111 38.1 19.4 58.1
148 63.7 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.91 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 15:27

Tgt Ion: 75 Resp: 20069
Ion Ratio Lower Upper
75 100
155 94.3 45.8 137.4
157 122.3 60.1 180.3

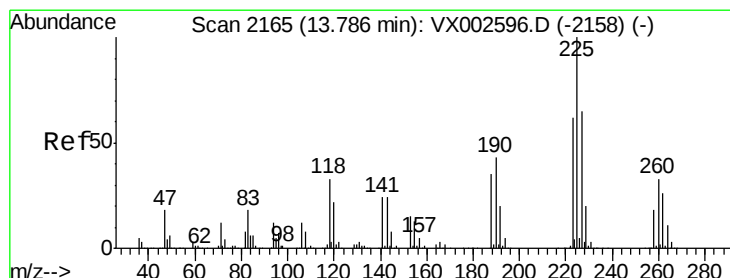
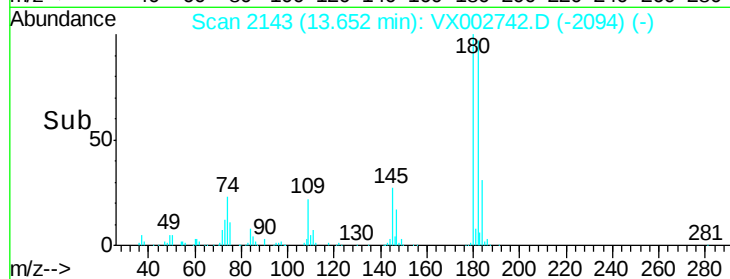
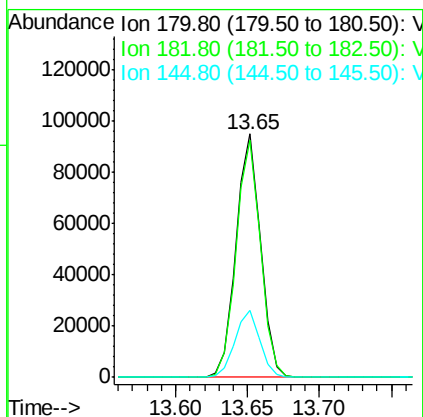
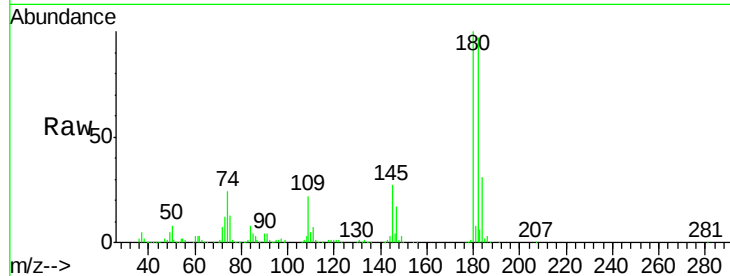




#93
 1,2,4-Trichlorobenzene
 Concen: 21.38 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

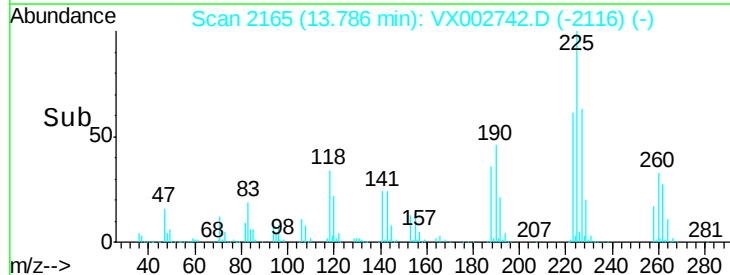
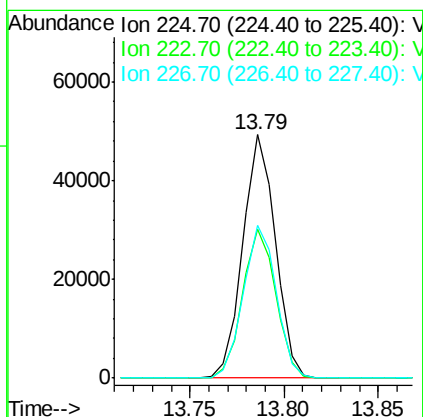
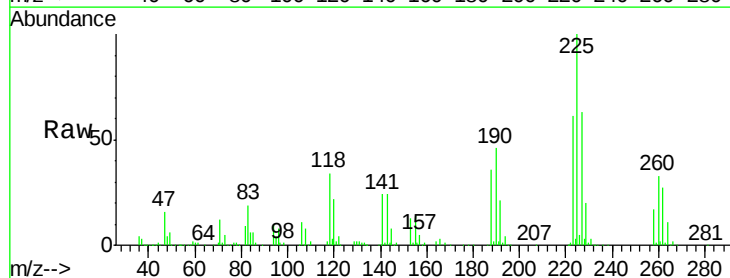
Instrument :
 MSVOA_X
 ClientSampleId :

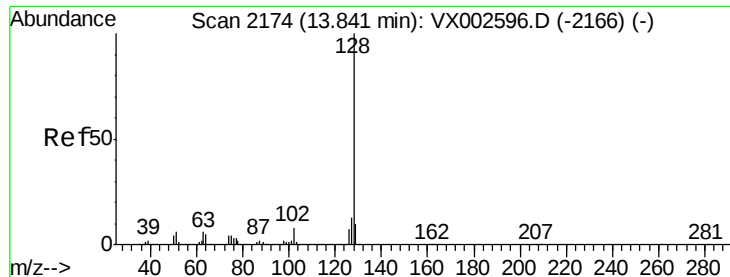
Tot Ion:180 Resp: 112983
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.7 143.1
 145 28.0 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 21.24 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 15:27

Tgt Ion:225 Resp: 59121
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.6 95.0
 227 63.8 32.4 97.2





#95

Naphthalene

Concen: 22.47 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

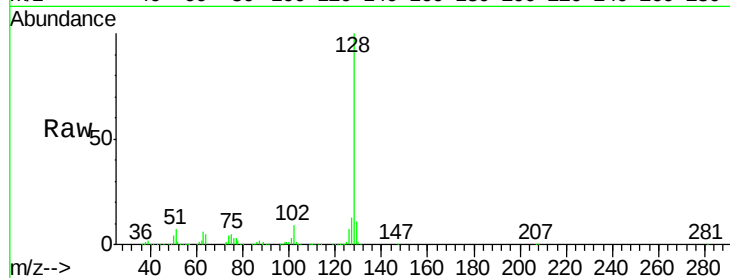
Tot Ion:128 Resp: 319516

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

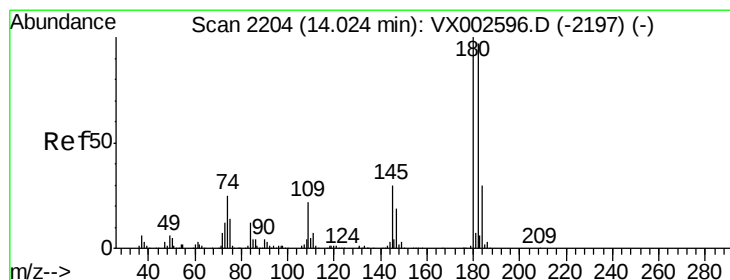
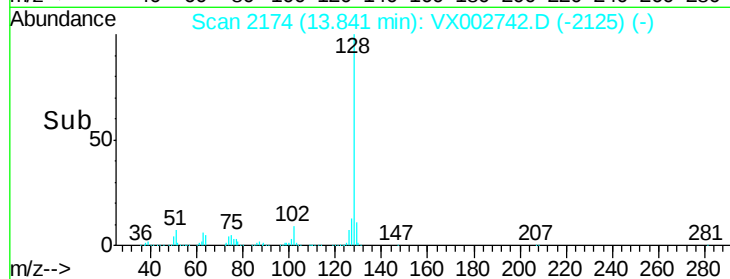
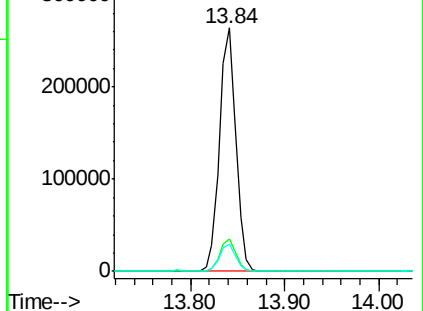
129 11.1 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 21.76 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 15:27

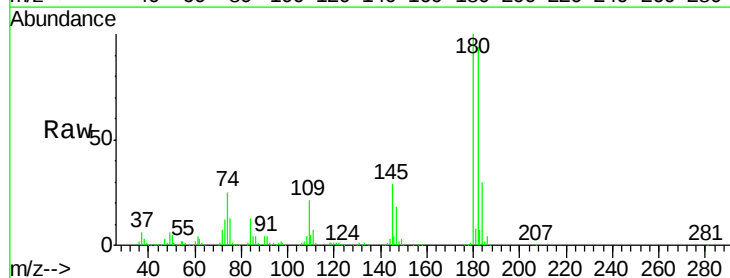
Tgt Ion:180 Resp: 115512

Ion Ratio Lower Upper

180 100

182 96.1 48.0 144.0

145 29.5 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

