

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002601.D
 Acq On : 15 Jun 2018 17:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 15 23:49:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 15 14:54:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	348785	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	334805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220974	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	179051	47.20	ug/l	0.00
Spiked Amount						
			Recovery	=	94.40%	
35) Dibromofluoromethane	5.51	113	139754	50.21	ug/l	0.00
Spiked Amount						
			Recovery	=	100.42%	
50) Toluene-d8	8.72	98	540637	51.15	ug/l	0.00
Spiked Amount						
			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	11.14	95	209195	52.23	ug/l	0.00
Spiked Amount						
			Recovery	=	104.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	133944	50.54	ug/l	100
3) Chloromethane	1.32	50	149480	47.42	ug/l	98
4) Vinyl Chloride	1.40	62	166074	50.77	ug/l	100
5) Bromomethane	1.64	94	107700	54.56	ug/l	99
6) Chloroethane	1.71	64	108522	50.33	ug/l	99
7) Trichlorofluoromethane	1.93	101	288595	54.30	ug/l	98
8) Diethyl Ether	2.19	74	103166	51.03	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	166982	56.21	ug/l	99
10) Methyl Iodide	2.51	142	183757	46.26	ug/l	99
11) Tert butyl alcohol	3.08	59	192376	245.30	ug/l	98
12) 1,1-Dichloroethene	2.37	96	144026	51.63	ug/l	97
13) Acrolein	2.29	56	84211	229.63	ug/l	99
14) Allyl chloride	2.73	41	287345	51.88	ug/l	98
15) Acrylonitrile	3.15	53	430640	251.64	ug/l	100
16) Acetone	2.45	43	410529	245.28	ug/l	98
17) Carbon Disulfide	2.57	76	354449	53.58	ug/l	98
18) Methyl Acetate	2.78	43	225142	50.49	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	532355	50.87	ug/l	98
20) Methylene Chloride	2.85	84	159942	46.61	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	155828	51.49	ug/l	97
22) Diisopropyl ether	3.88	45	504417	50.34	ug/l	99
23) Vinyl Acetate	3.83	43	2162351	257.83	ug/l	99
24) 1,1-Dichloroethane	3.70	63	296696	54.55	ug/l	99
25) 2-Butanone	4.71	43	563759	256.49	ug/l	99
26) 2,2-Dichloropropane	4.59	77	216402	55.38	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	157261	51.08	ug/l	95
28) Bromochloromethane	5.02	49	127456	50.04	ug/l	97
29) Tetrahydrofuran	5.17	42	368320	255.68	ug/l	98
30) Chloroform	5.22	83	270553	51.59	ug/l	97
31) Cyclohexane	5.57	56	245771	54.89	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	241156	54.98	ug/l	100
36) 1,1-Dichloropropene	5.80	75	206428	55.73	ug/l	100
37) Ethyl Acetate	4.87	43	224371	53.51	ug/l	100
38) Carbon Tetrachloride	5.78	117	216880	58.80	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Fri Jun 15 14:54:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	258947	59.80	ug/l	98
40) Benzene	6.15	78	597930	53.83	ug/l	99
41) Methacrylonitrile	5.07	41	127121	53.70	ug/l	99
42) 1,2-Dichloroethane	6.20	62	230415	53.58	ug/l	99
43) Isopropyl Acetate	6.47	43	373716	53.80	ug/l	99
44) Trichloroethene	7.22	130	176411	55.03	ug/l	99
45) 1,2-Dichloropropane	7.52	63	154242	52.76	ug/l	99
46) Dibromomethane	7.67	93	106528	54.48	ug/l	99
47) Bromodichloromethane	7.90	83	198599	57.58	ug/l	98
48) Methyl methacrylate	7.78	41	195216	54.99	ug/l	99
49) 1,4-Dioxane	7.76	88	71110	1057.79	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1218962	273.30	ug/l	99
52) Toluene	8.79	92	393995	55.61	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	244621	53.41	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	226245	51.82	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	157782	55.11	ug/l	99
56) Ethyl methacrylate	9.18	69	247477	56.17	ug/l	99
57) 1,3-Dichloropropane	9.38	76	261295	53.96	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	610821	286.64	ug/l	99
59) 2-Hexanone	9.50	43	940251	279.76	ug/l	98
60) Dibromochloromethane	9.59	129	166271	51.51	ug/l	99
61) 1,2-Dibromoethane	9.68	107	166352	56.10	ug/l	99
64) Tetrachloroethene	9.34	164	196506	52.87	ug/l	100
65) Chlorobenzene	10.14	112	452636	55.05	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	165139	58.91	ug/l	99
67) Ethyl Benzene	10.26	91	790442	57.00	ug/l	98
68) m/p-Xylenes	10.36	106	614255	114.82	ug/l	99
69) o-Xylene	10.70	106	296130	56.34	ug/l	100
70) Styrene	10.71	104	498291	57.65	ug/l	99
71) Bromoform	10.86	173	127653	50.02	ug/l	99
73) Isopropylbenzene	11.02	105	824165	55.77	ug/l	100
74) N-amyl acetate	6.47	43	373716	50.89	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	230505	52.82	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	277820	66.63	ug/l	79
77) Bromobenzene	11.26	156	222123	53.95	ug/l	98
78) n-propylbenzene	11.37	91	961718	56.74	ug/l	100
79) 2-Chlorotoluene	11.43	91	544868	53.84	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	700135	56.06	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	66176	50.72	ug/l	97
82) 4-Chlorotoluene	11.51	91	658441	55.14	ug/l	99
83) tert-Butylbenzene	11.77	119	684572	56.90	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	717571	56.30	ug/l	100
85) sec-Butylbenzene	11.95	105	862725	57.66	ug/l	99
86) p-Isopropyltoluene	12.07	119	782776	57.83	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	411715	54.17	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	419863	55.01	ug/l	98
89) n-Butylbenzene	12.39	91	706124	59.13	ug/l	100
90) Hexachloroethane	12.60	117	116093	54.75	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	411833	54.19	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53051	58.03	ug/l	97

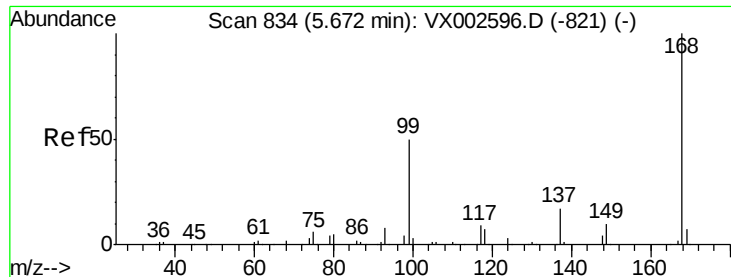
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061518\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	318612	57.77	ug/l	99
94) Hexachlorobutadiene	13.79	225	175850	60.52	ug/l	99
95) Naphthalene	13.84	128	841587	56.70	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	315431	56.94	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

Instrument :

MSVOA_X

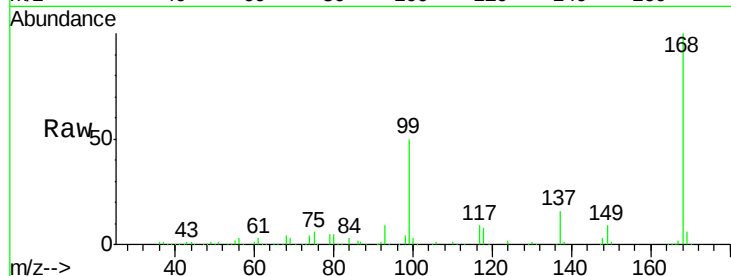
ClientSampleId :

Tot Ion:168 Resp: 249640

Ion Ratio Lower Upper

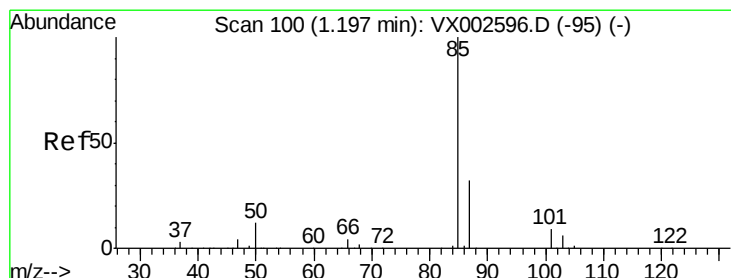
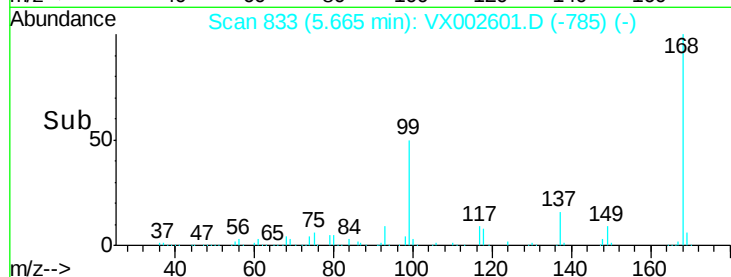
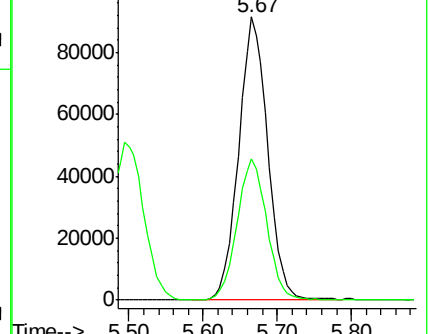
168 100

99 49.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.54 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002601.D

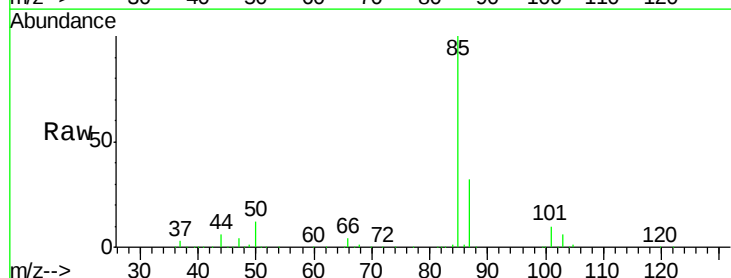
Acq: 15 Jun 2018 17:12

Tgt Ion: 85 Resp: 133944

Ion Ratio Lower Upper

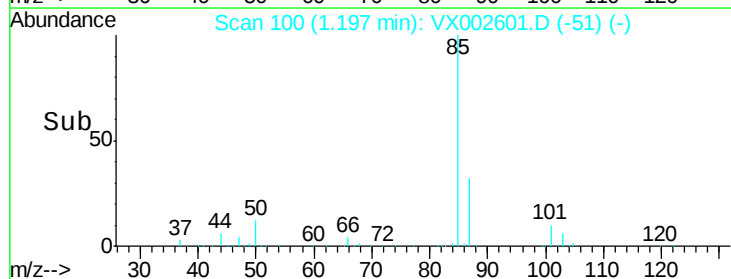
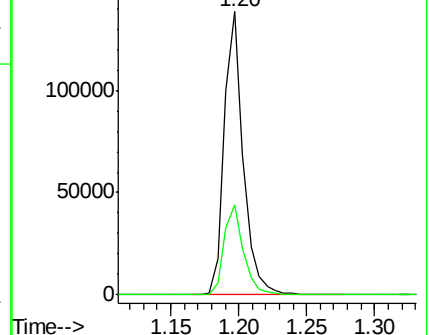
85 100

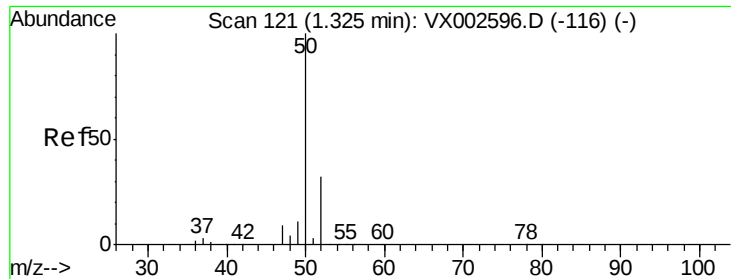
87 31.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.42 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

Instrument :

MSVOA_X

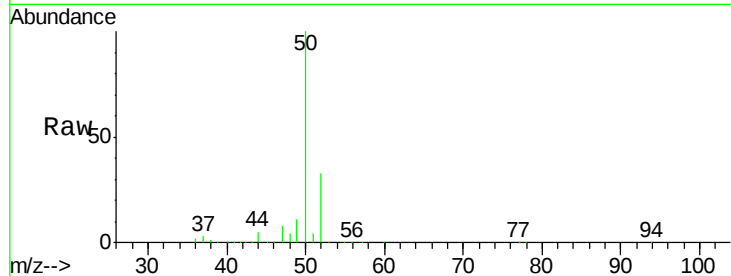
ClientSampleId :

Tot Ion: 50 Resp: 149480

Ion Ratio Lower Upper

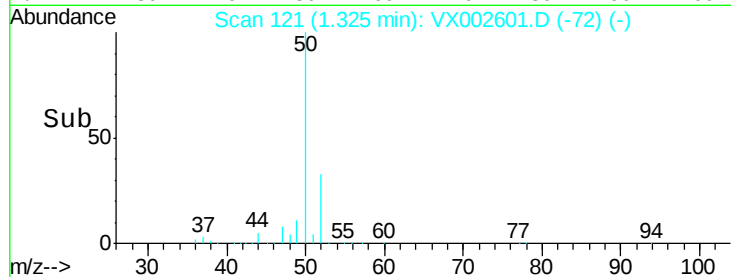
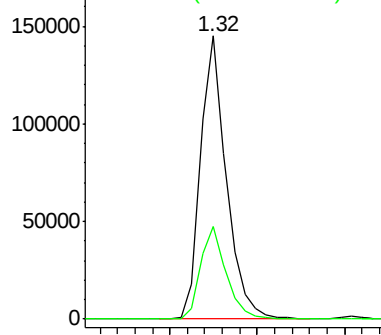
50 100

52 32.9 25.7 38.5

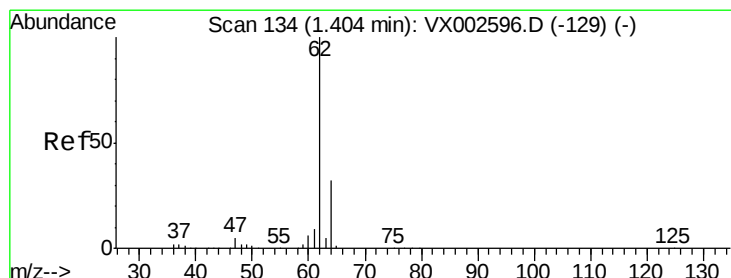


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 50.77 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002601.D

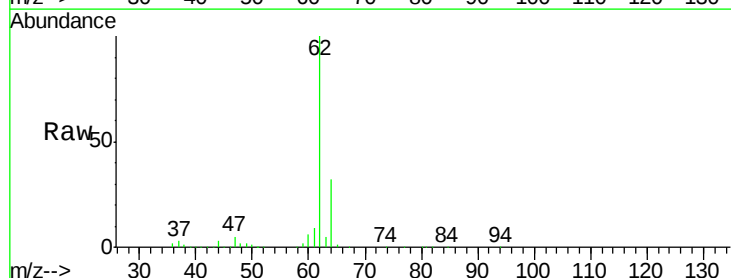
Acq: 15 Jun 2018 17:12

Tgt Ion: 62 Resp: 166074

Ion Ratio Lower Upper

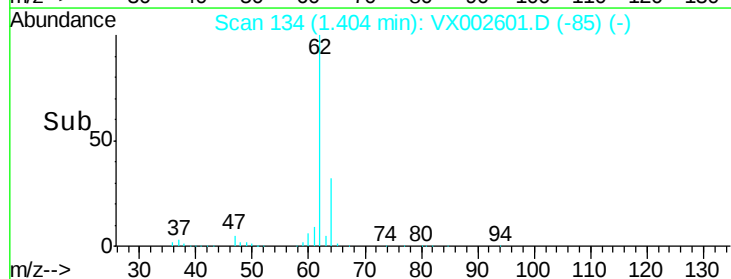
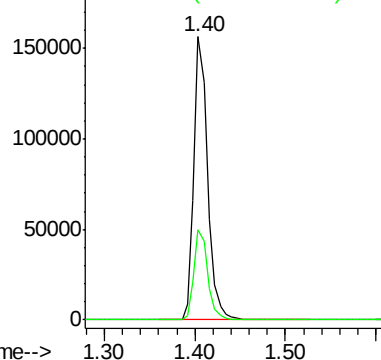
62 100

64 31.7 25.4 38.2

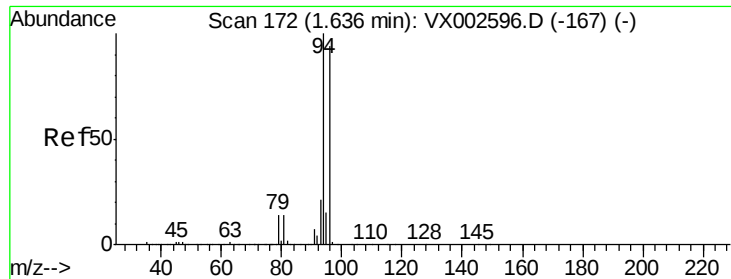


Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->



#5

Bromomethane

Concen: 54.56 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

Instrument :

MSVOA_X

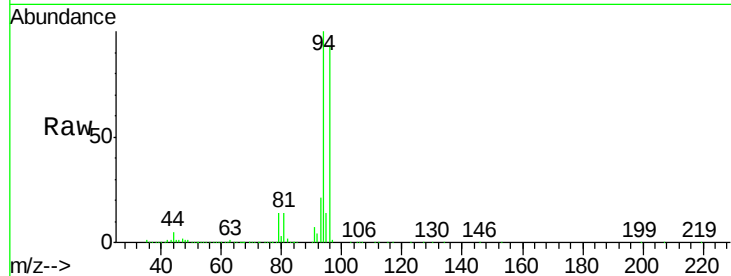
ClientSampleId :

Tot Ion: 94 Resp: 107700

Ion Ratio Lower Upper

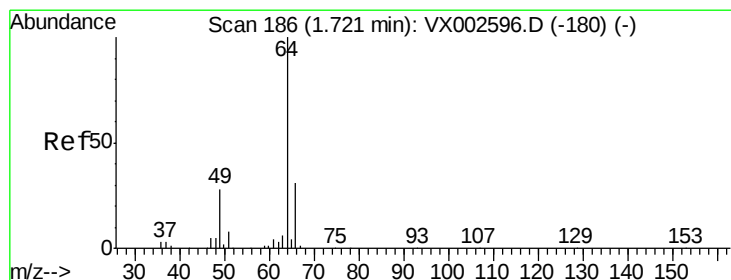
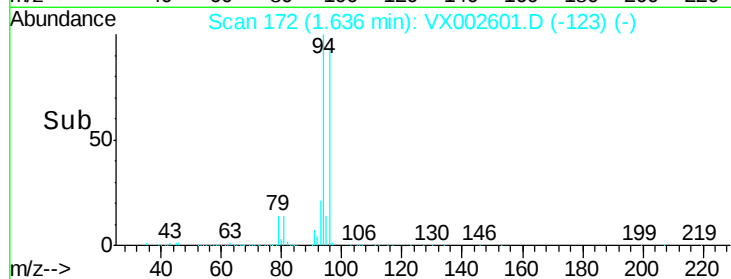
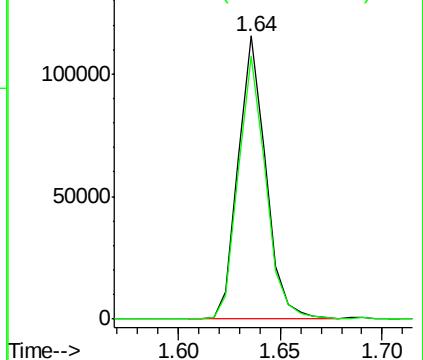
94 100

96 92.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.33 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002601.D

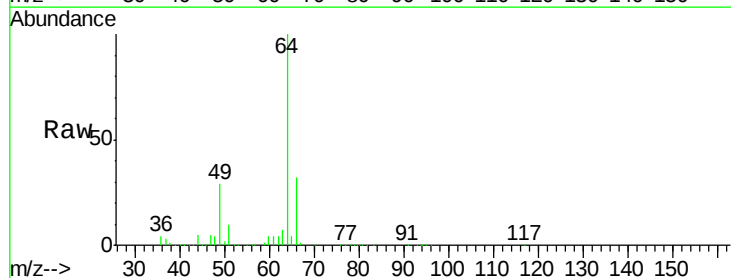
Acq: 15 Jun 2018 17:12

Tgt Ion: 64 Resp: 108522

Ion Ratio Lower Upper

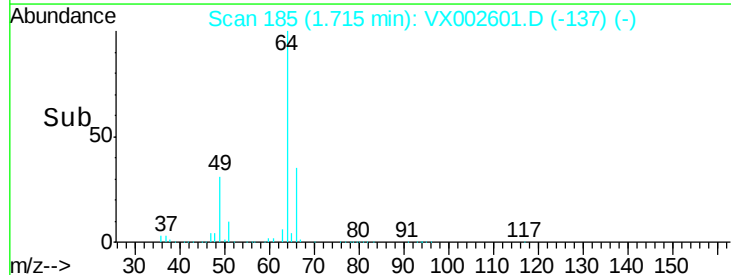
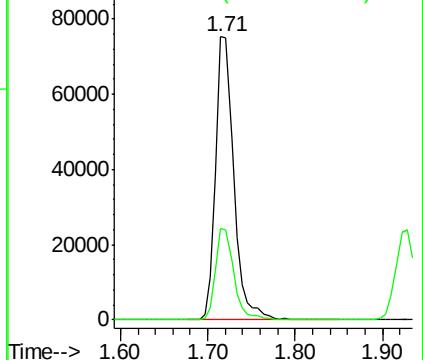
64 100

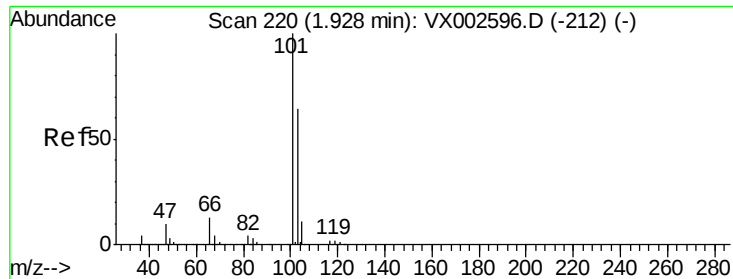
66 32.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



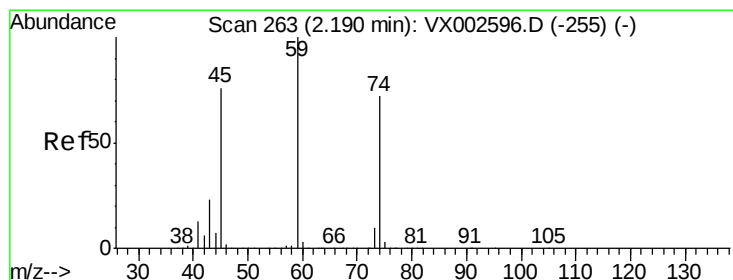
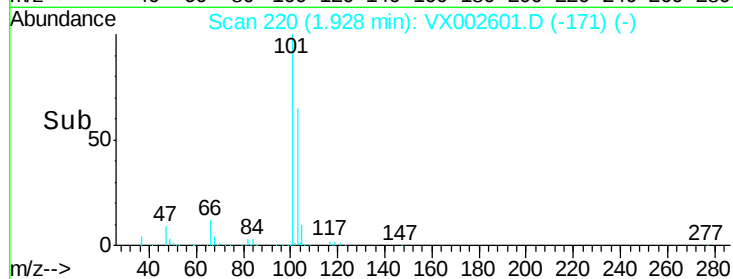
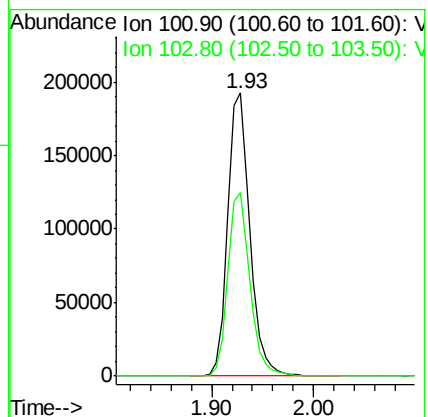
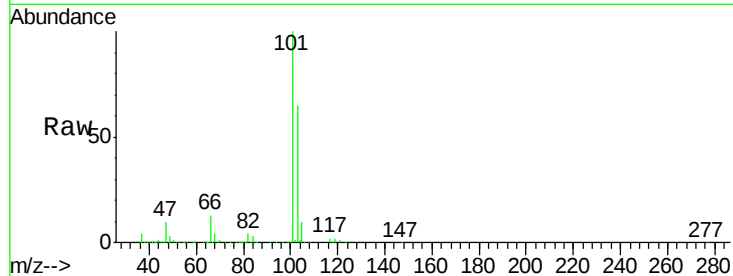


#7

Trichlorofluoromethane
Concen: 54.30 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX002601.D
Acq: 15 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :

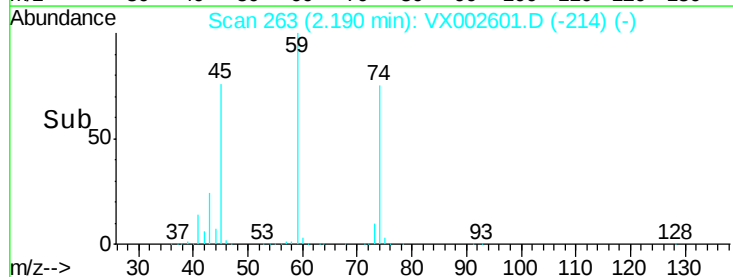
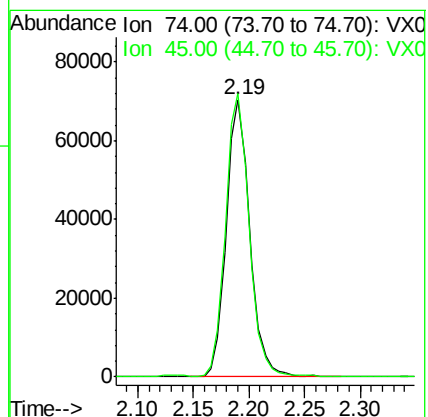
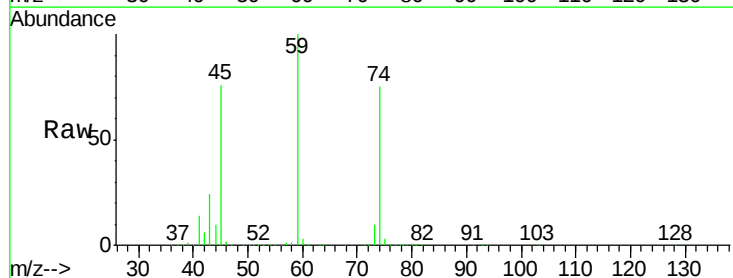
Tot Ion:101 Resp: 288595
Ion Ratio Lower Upper
101 100
103 64.7 52.8 79.2

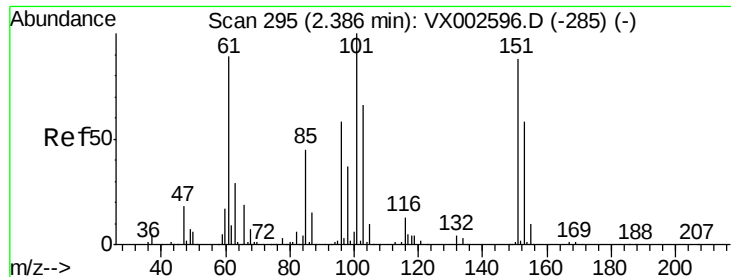


#8

Diethyl Ether
Concen: 51.03 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002601.D
Acq: 15 Jun 2018 17:12

Tgt Ion: 74 Resp: 103166
Ion Ratio Lower Upper
74 100
45 102.1 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.21 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampled :

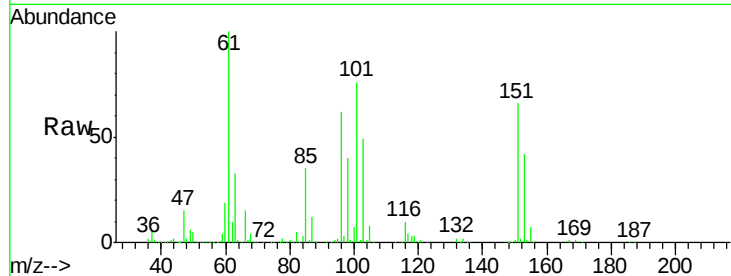
Tot Ion:101 Resp: 166982

Ion Ratio Lower Upper

101 100

85 45.3 36.0 54.0

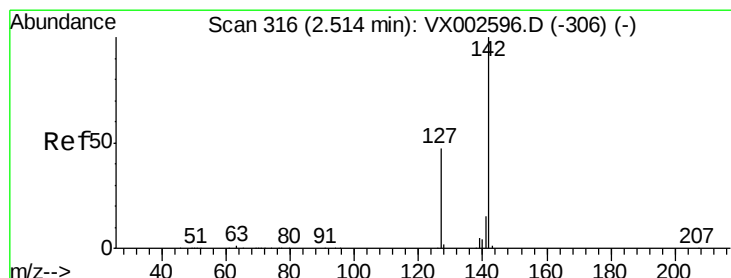
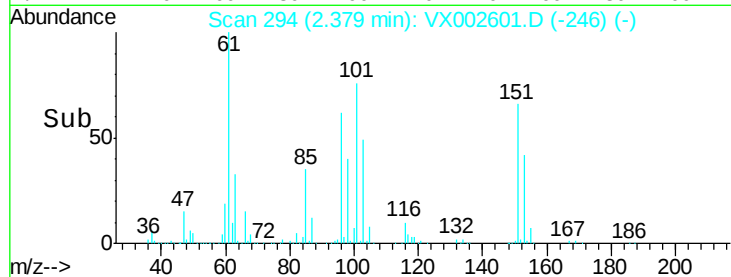
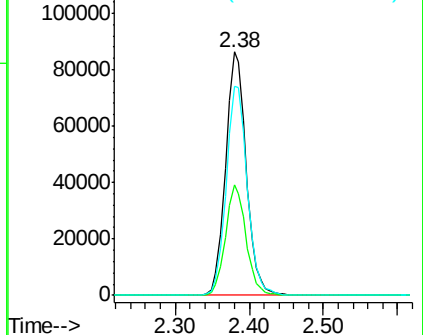
151 88.0 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.26 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

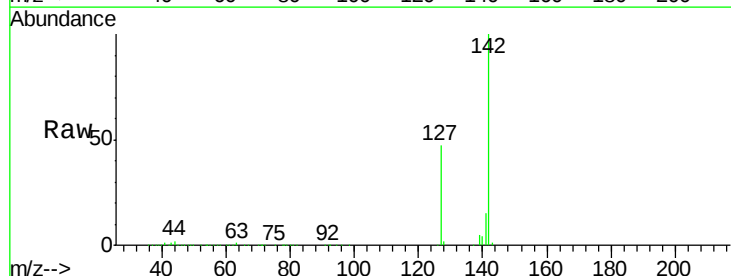
Tgt Ion:142 Resp: 183757

Ion Ratio Lower Upper

142 100

127 46.6 36.6 55.0

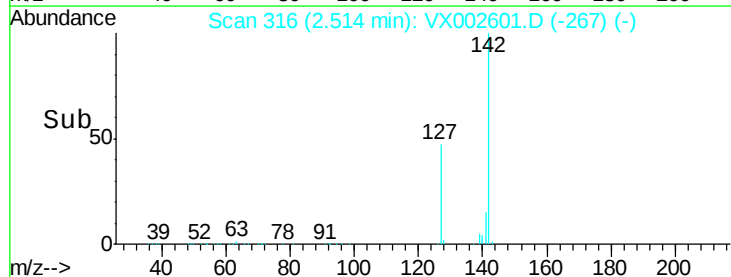
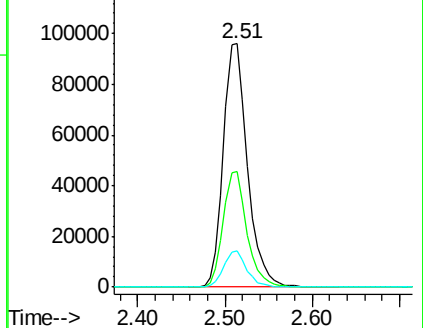
141 14.4 11.3 16.9

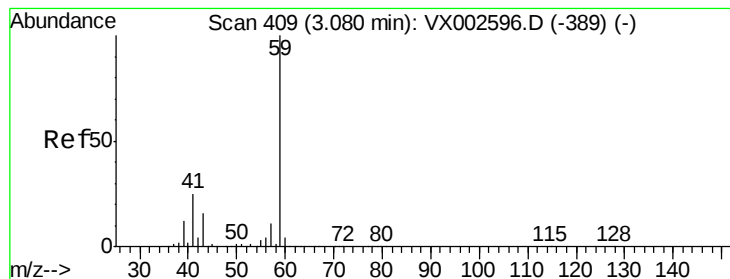


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 245.30 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

Instrument :

MSVOA_X

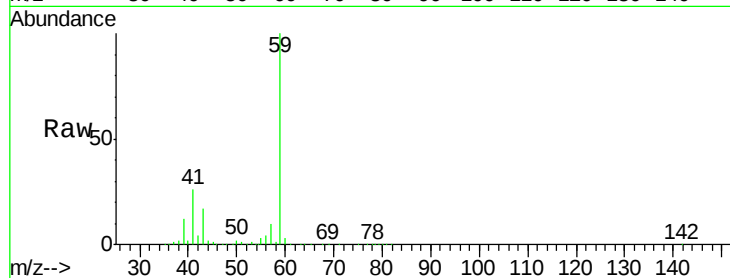
ClientSampleId :

Tot Ion: 59 Resp: 192376

Ion Ratio Lower Upper

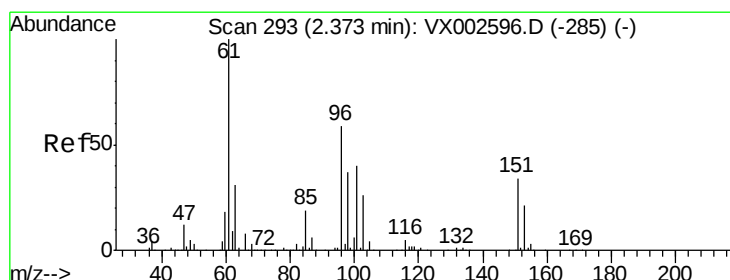
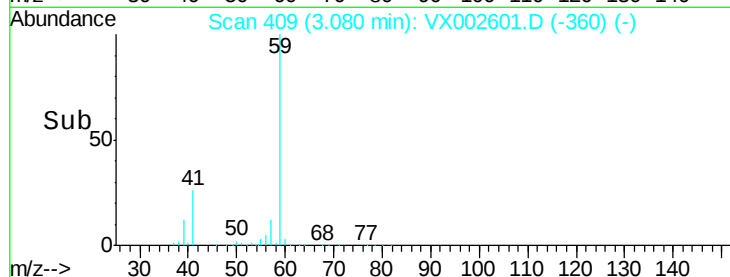
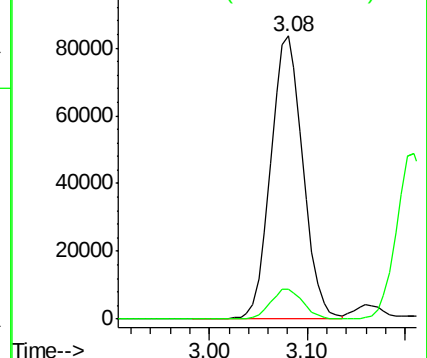
59 100

57 10.9 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 51.63 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

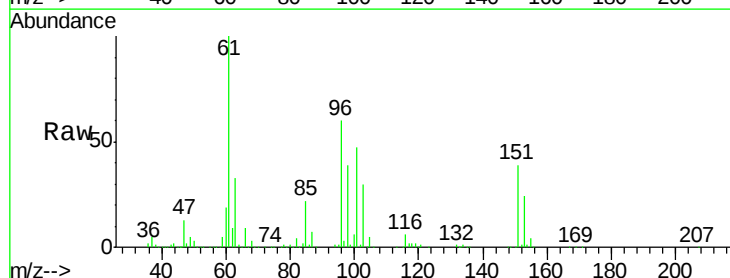
Tgt Ion: 96 Resp: 144026

Ion Ratio Lower Upper

96 100

61 167.7 137.9 206.9

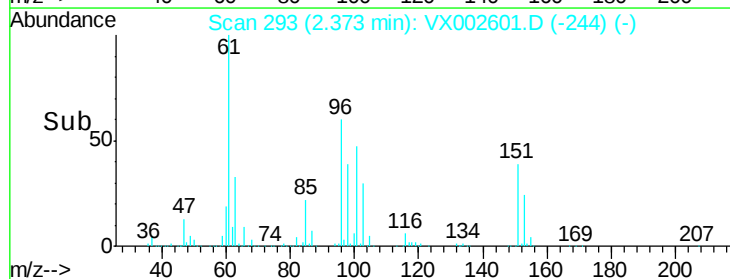
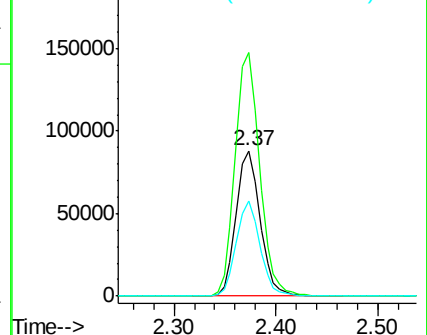
98 65.4 51.6 77.4

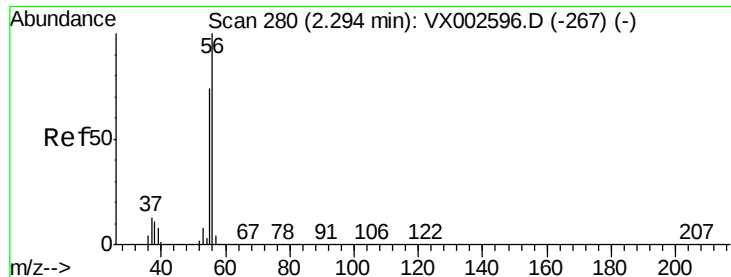


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 229.63 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

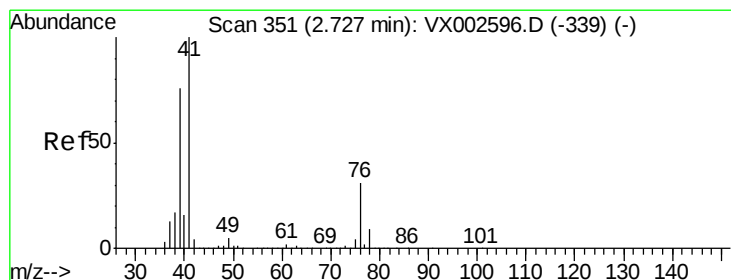
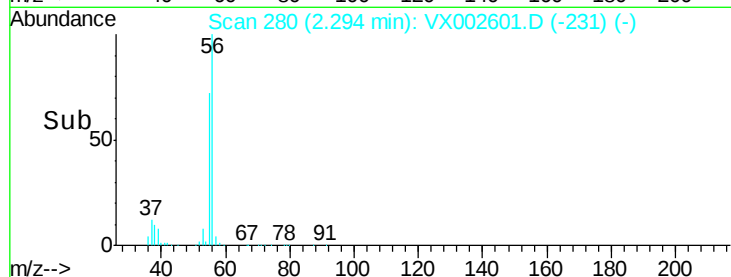
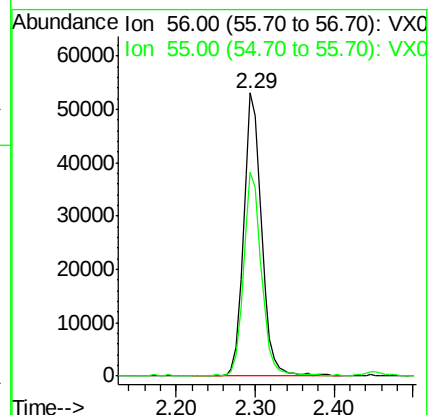
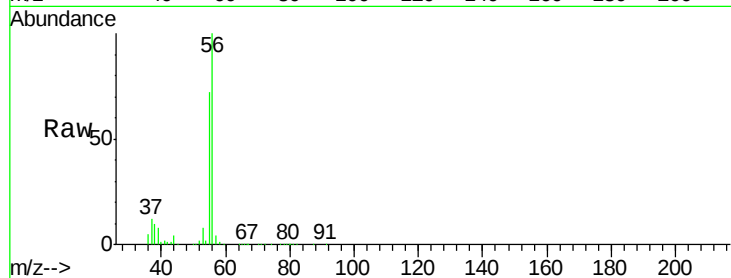
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 84211

Ion Ratio Lower Upper

56 100

55 70.4 57.0 85.4



#14

Allyl chloride

Concen: 51.88 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

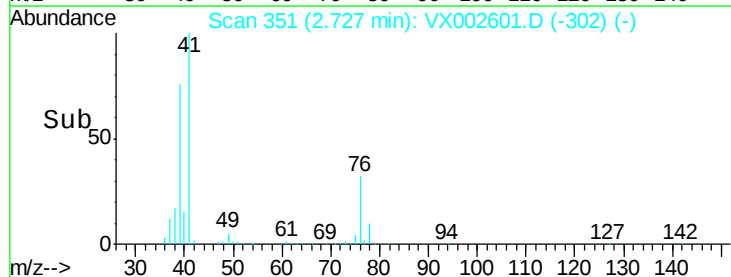
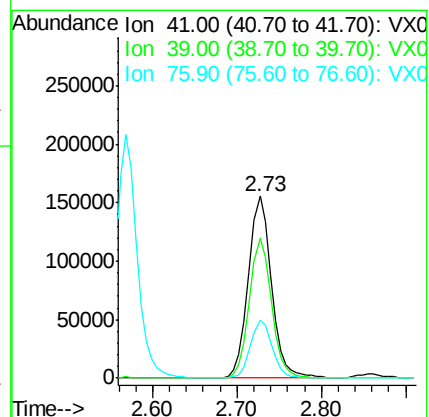
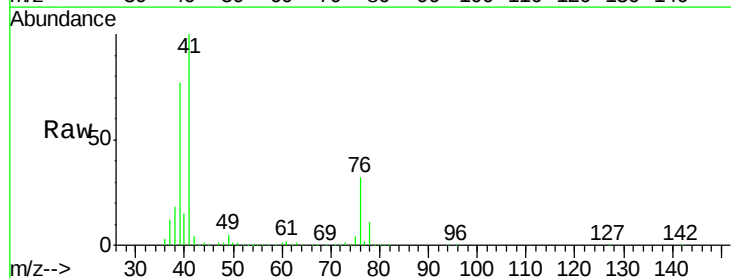
Tgt Ion: 41 Resp: 287345

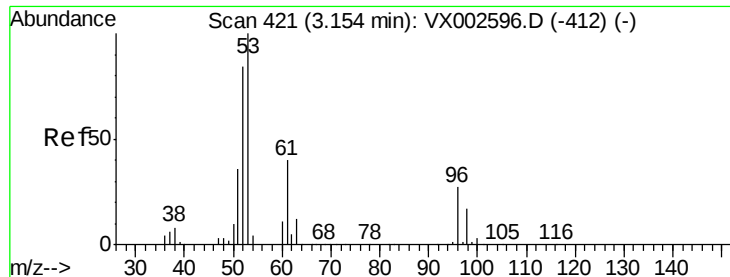
Ion Ratio Lower Upper

41 100

39 73.2 56.8 85.2

76 29.8 23.8 35.8





#15

Acrylonitrile

Concen: 251.64 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampled :

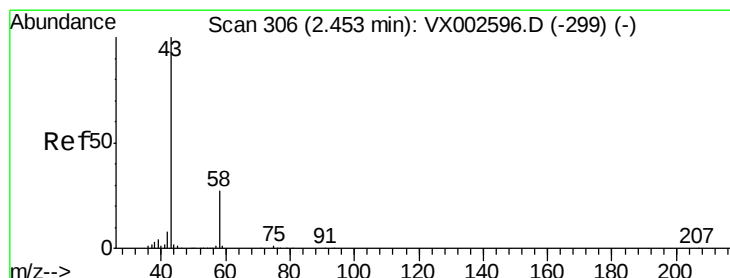
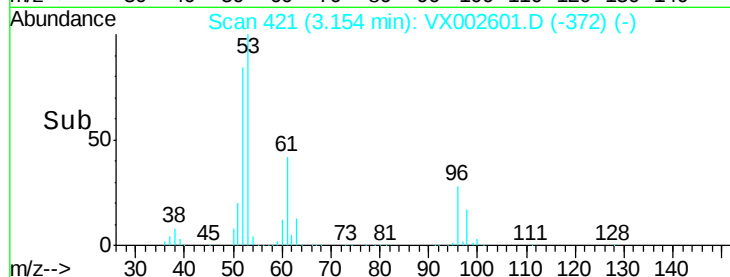
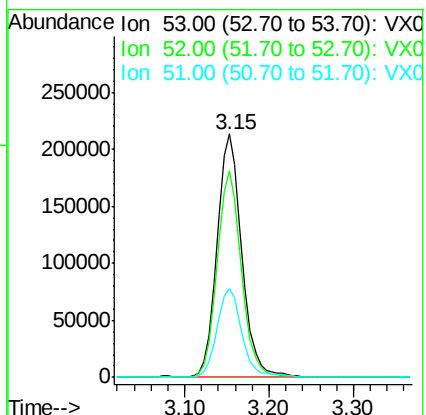
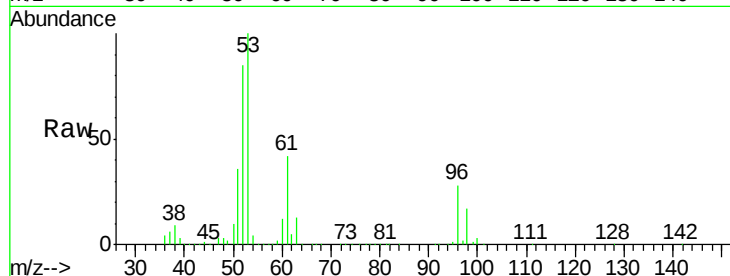
Tot Ion: 53 Resp: 430640

Ion Ratio Lower Upper

53 100

52 83.6 66.7 100.1

51 37.1 29.9 44.9



#16

Acetone

Concen: 245.28 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002601.D

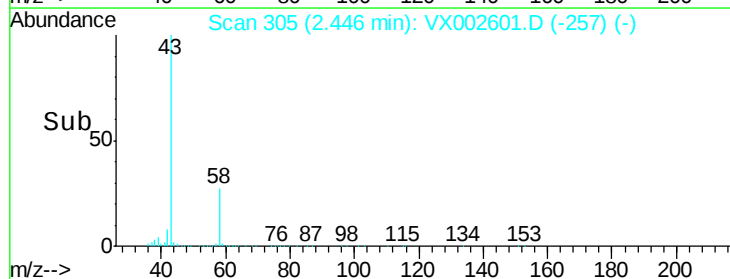
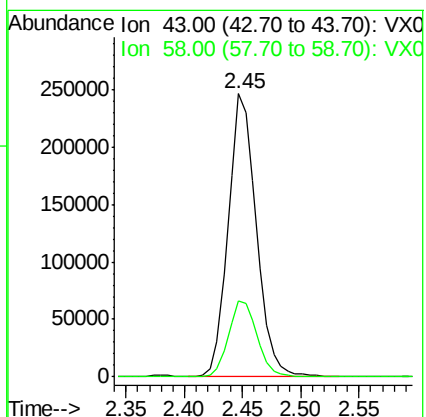
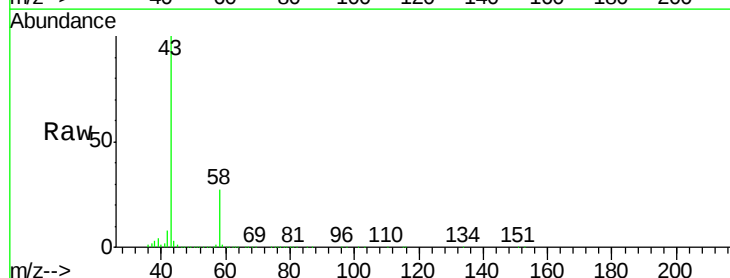
Acq: 15 Jun 2018 17:12

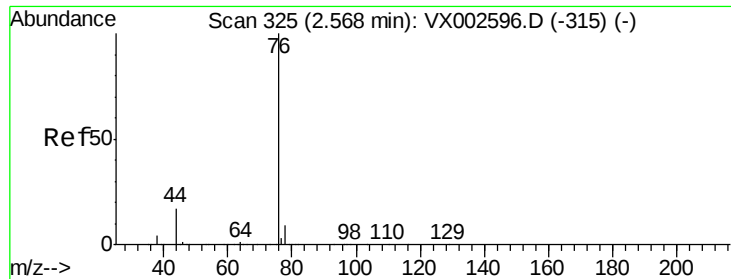
Tgt Ion: 43 Resp: 410529

Ion Ratio Lower Upper

43 100

58 26.8 22.1 33.1





#17

Carbon Disulfide

Concen: 53.58 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

Instrument :

MSVOA_X

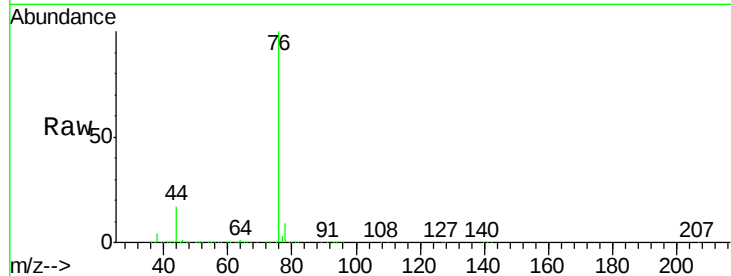
ClientSampleId :

Tot Ion: 76 Resp: 354449

Ion Ratio Lower Upper

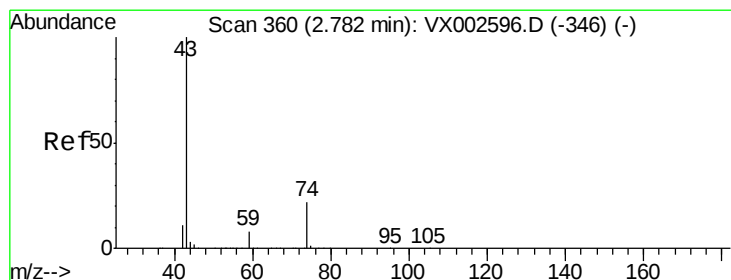
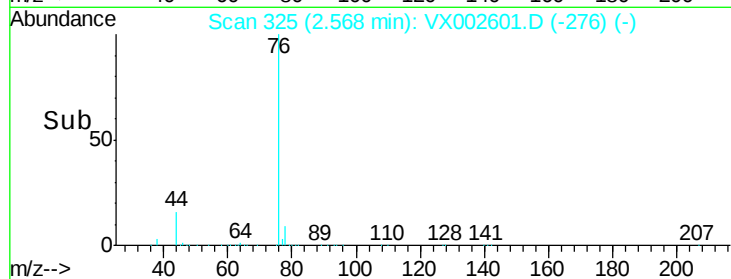
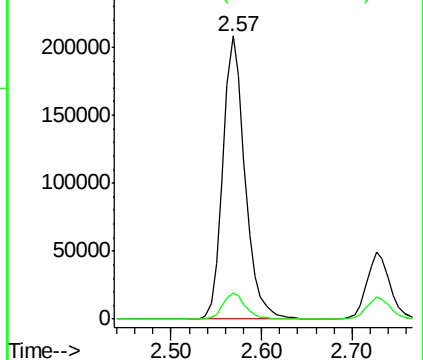
76 100

78 9.4 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: 50.49 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002601.D

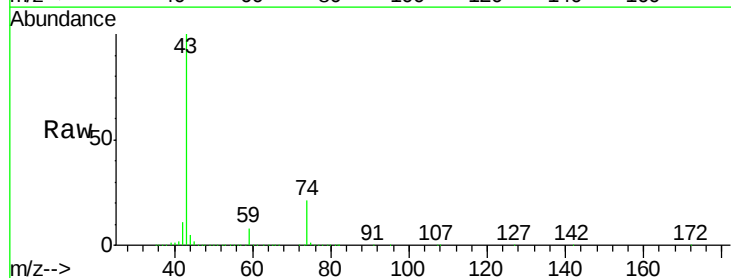
Acq: 15 Jun 2018 17:12

Tgt Ion: 43 Resp: 225142

Ion Ratio Lower Upper

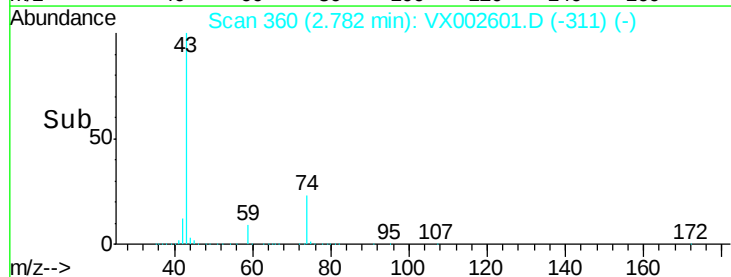
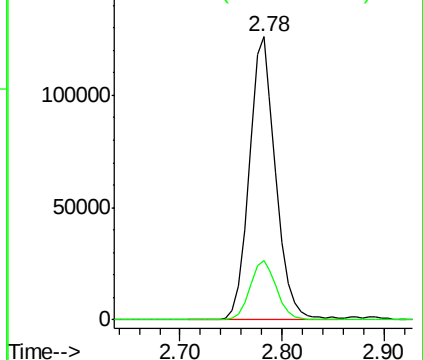
43 100

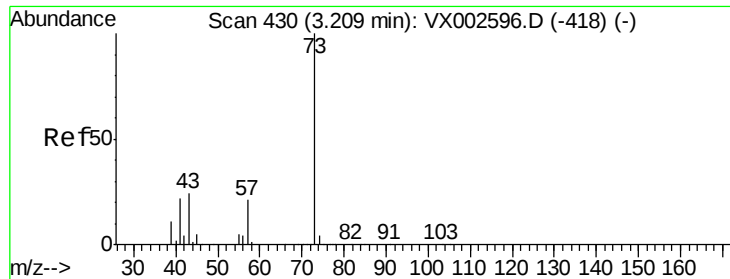
74 21.4 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

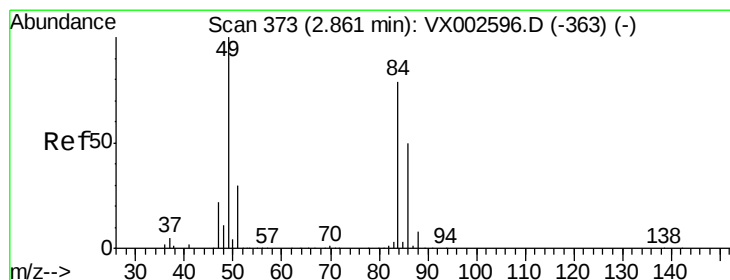
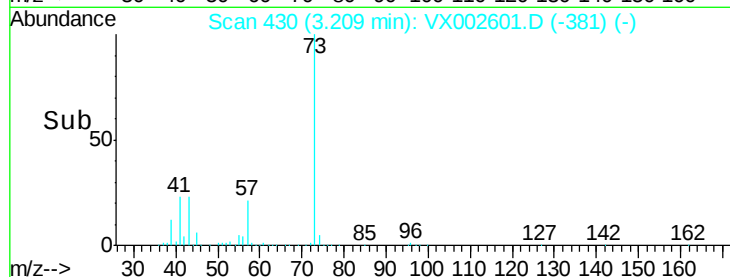
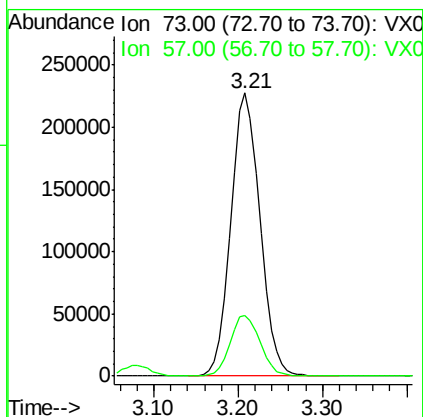
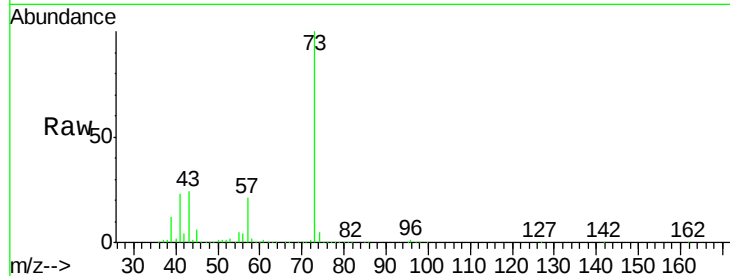




#19
Methyl tert-butyl Ether
Concen: 50.87 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002601.D
Acq: 15 Jun 2018 17:12

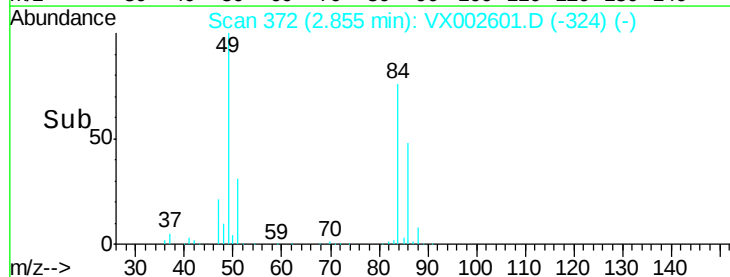
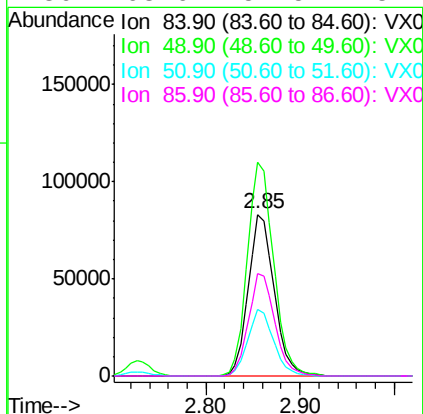
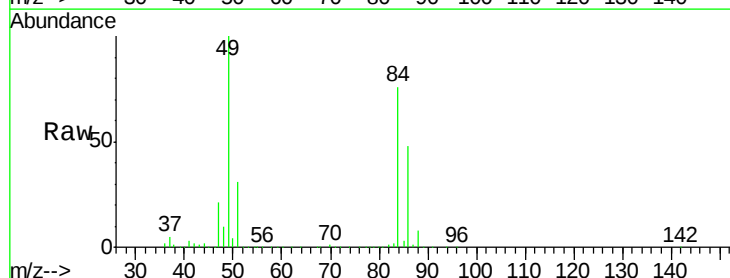
Instrument :
MSVOA_X
ClientSampled :

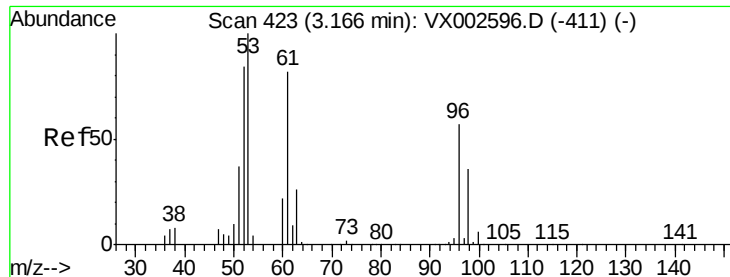
Tot Ion: 73 Resp: 532355
Ion Ratio Lower Upper
73 100
57 21.4 17.7 26.5



#20
Methylene Chloride
Concen: 46.61 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002601.D
Acq: 15 Jun 2018 17:12

Tgt Ion: 84 Resp: 159942
Ion Ratio Lower Upper
84 100
49 131.9 107.8 161.6
51 41.4 32.8 49.2
86 63.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 51.49 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

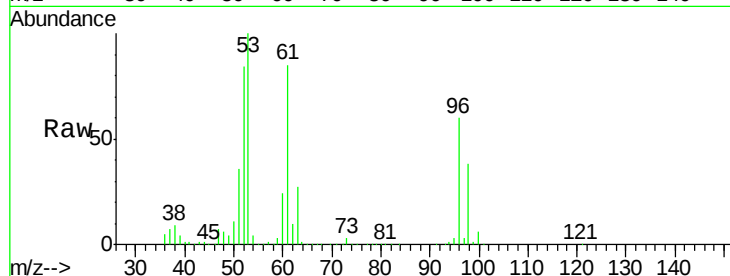
Tot Ion: 96 Resp: 155828

Ion Ratio Lower Upper

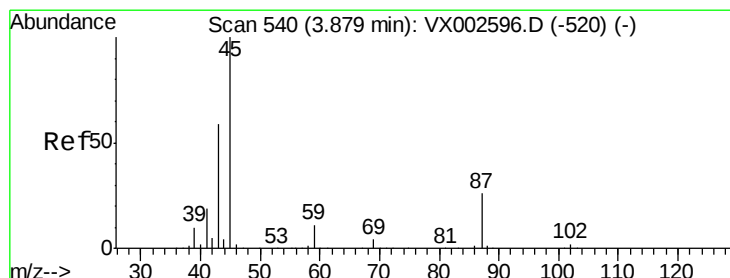
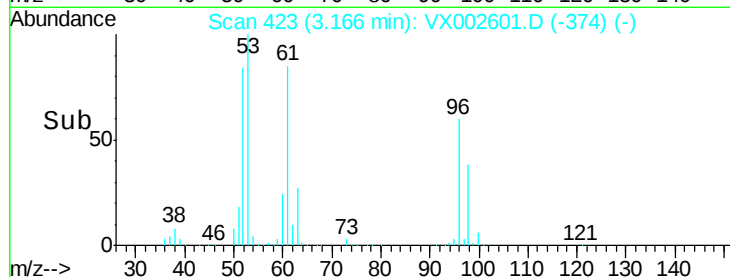
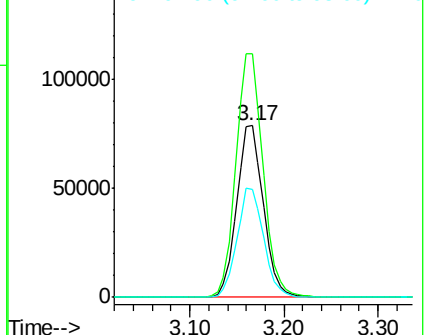
96 100

61 141.9 117.0 175.4

98 63.3 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.34 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

Tgt Ion: 45 Resp: 504417

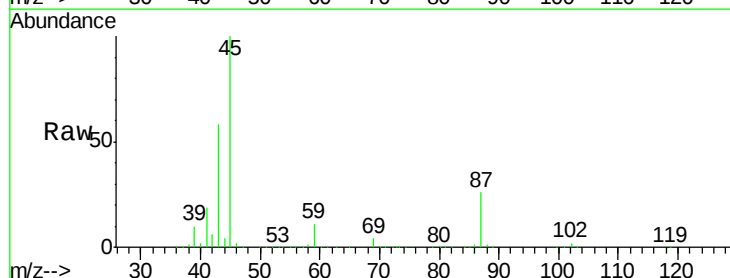
Ion Ratio Lower Upper

45 100

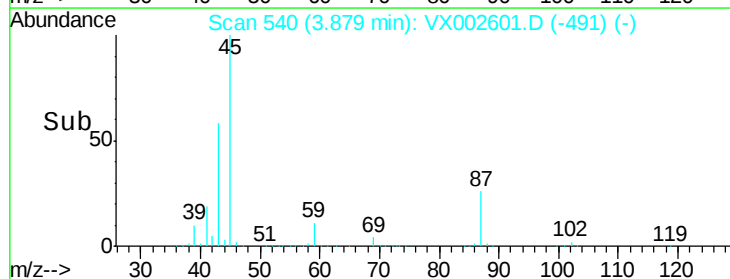
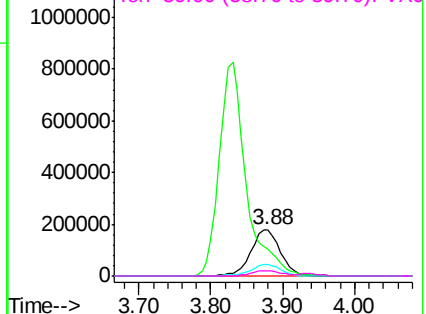
43 58.0 46.8 70.2

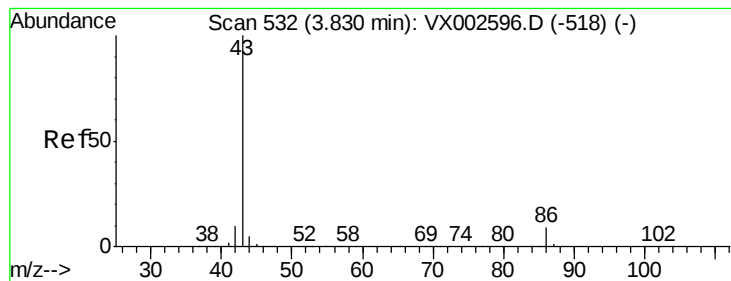
87 25.6 20.2 30.4

59 11.0 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 257.83 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

Instrument :

MSVOA_X

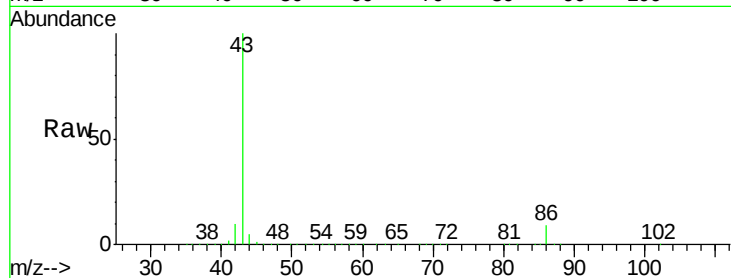
ClientSampleId :

Tot Ion: 43 Resp: 2162351

Ion Ratio Lower Upper

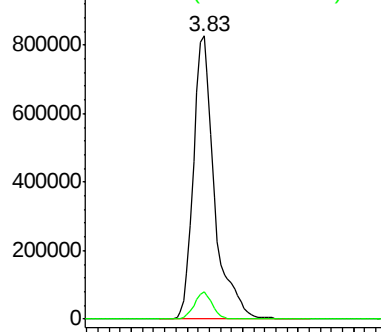
43 100

86 9.5 7.4 11.0

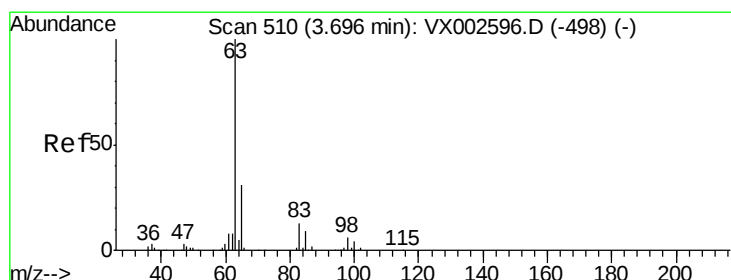
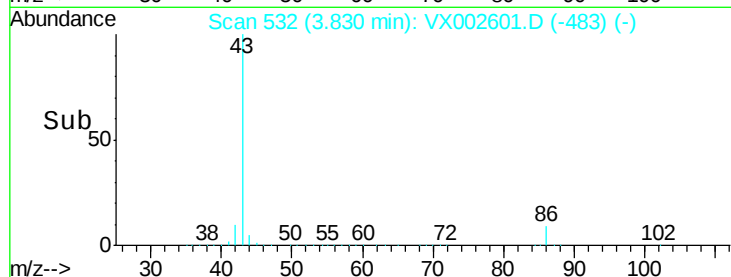


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 54.55 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

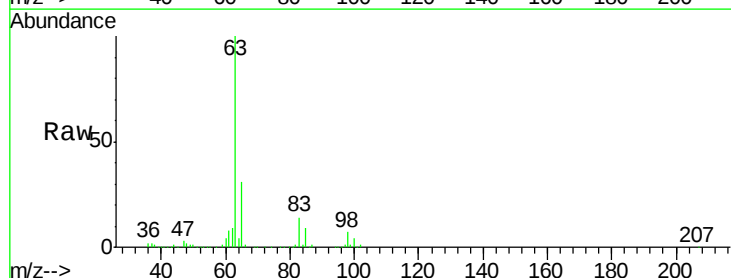
Tgt Ion: 63 Resp: 296696

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

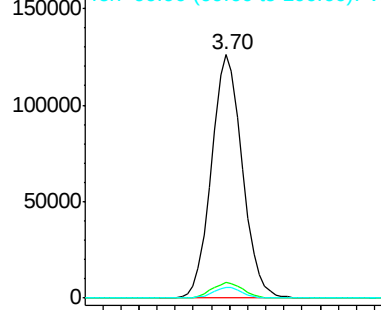
100 4.3 2.0 6.0



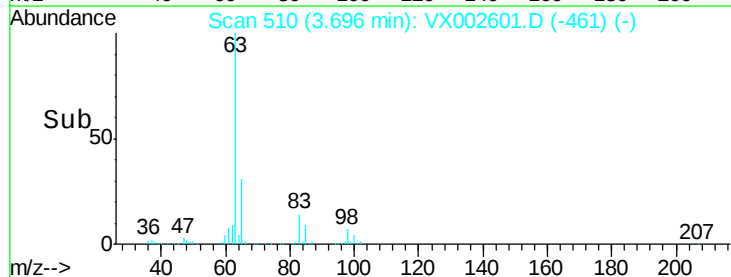
Abundance Ion 62.90 (62.60 to 63.60): VX0

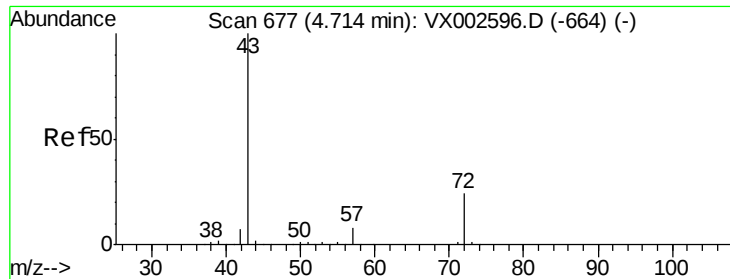
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 256.49 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

Instrument :

MSVOA_X

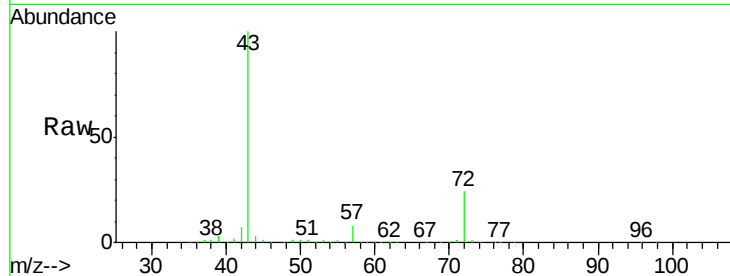
ClientSampleId :

Tot Ion: 43 Resp: 563759

Ion Ratio Lower Upper

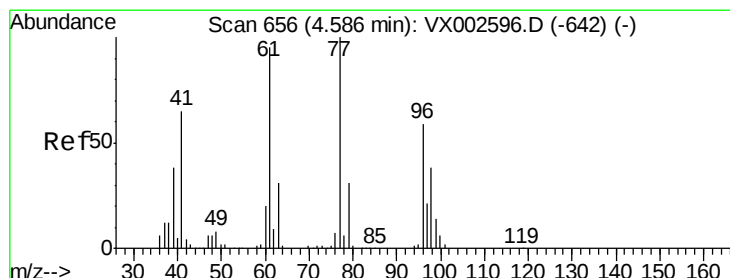
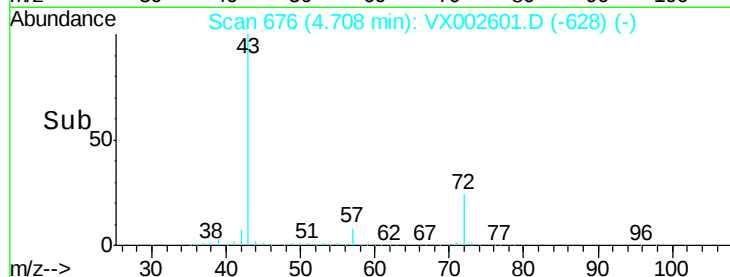
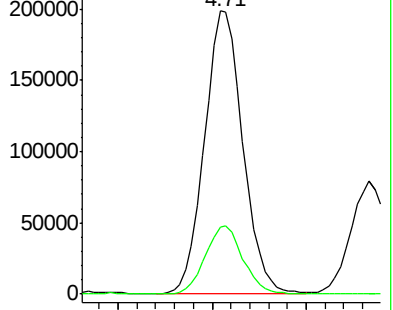
43 100

72 23.6 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 55.38 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002601.D

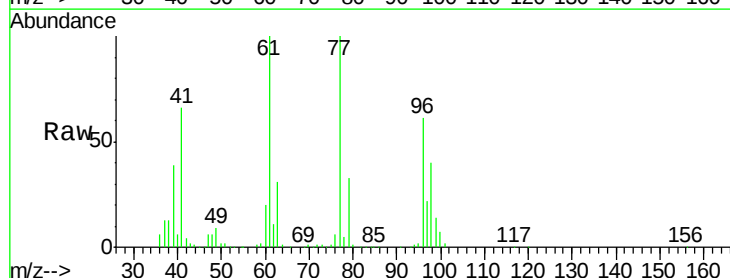
Acq: 15 Jun 2018 17:12

Tgt Ion: 77 Resp: 216402

Ion Ratio Lower Upper

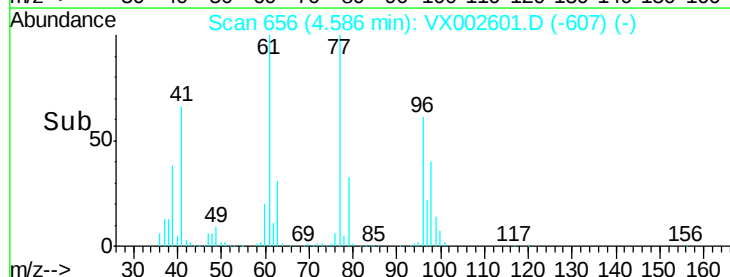
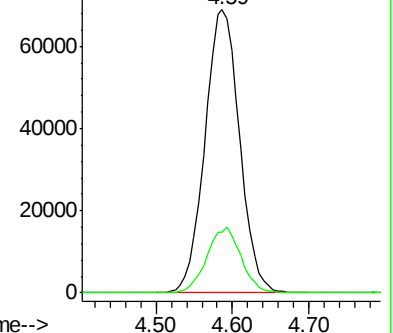
77 100

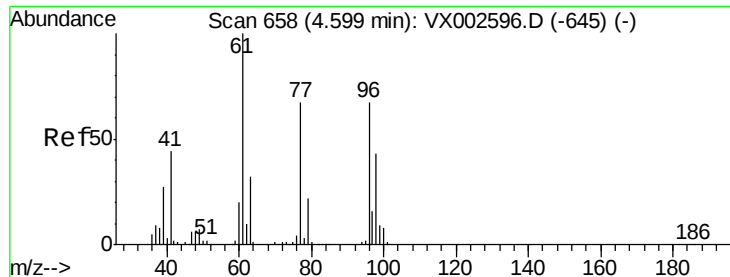
97 22.8 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



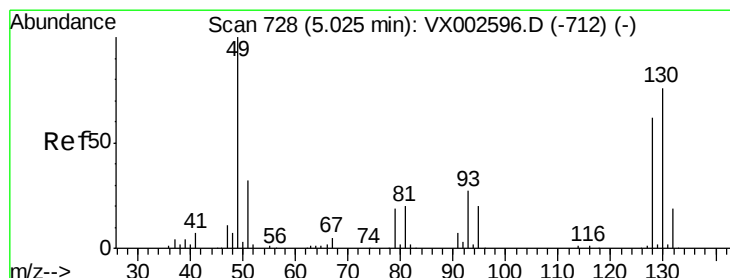
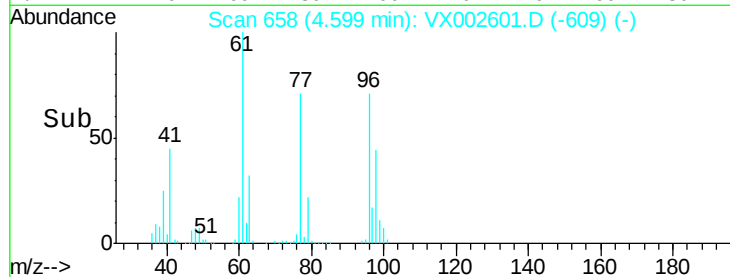
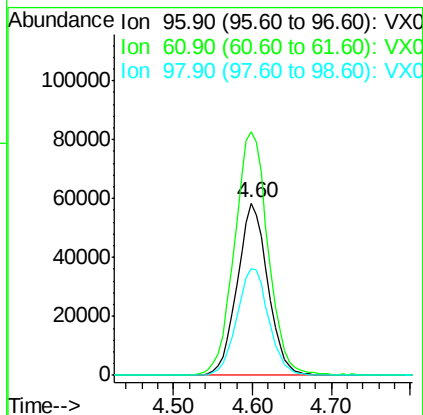
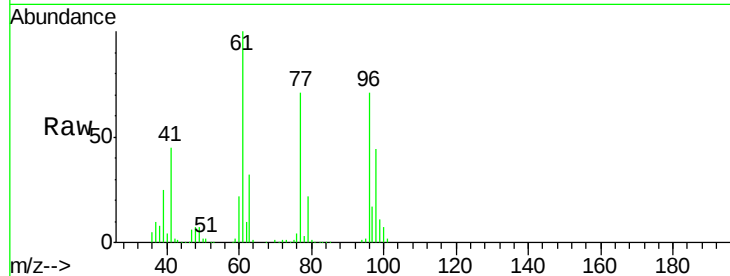


#27

cis-1,2-Dichloroethene
Concen: 51.08 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX002601.D
Acq: 15 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :

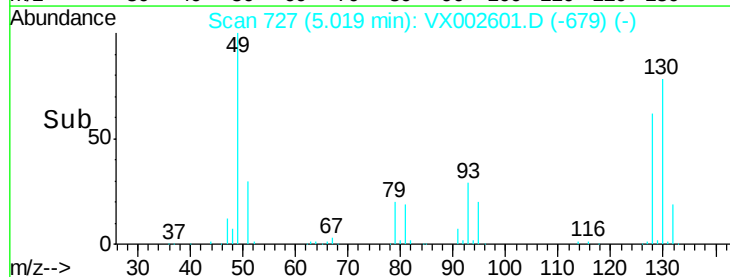
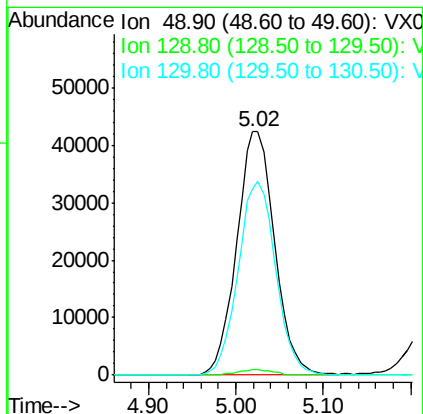
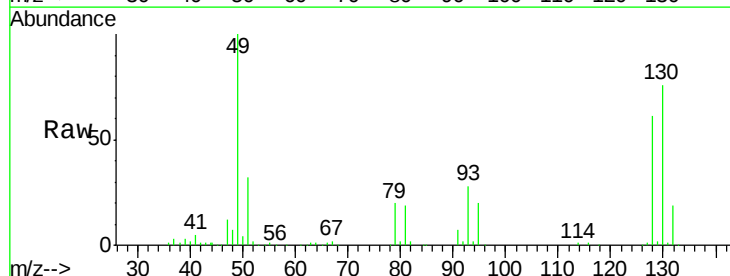
Tot Ion: 96 Resp: 157261
Ion Ratio Lower Upper
96 100
61 155.8 0.0 330.2
98 64.5 0.0 130.2

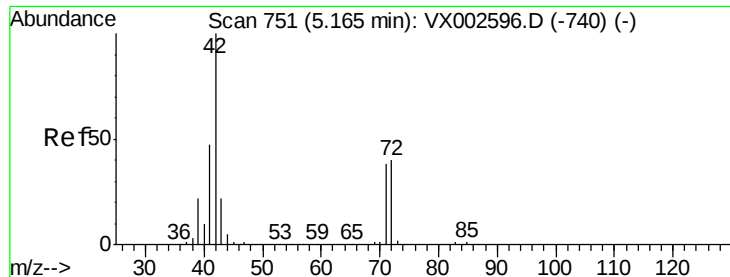


#28

Bromochloromethane
Concen: 50.04 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002601.D
Acq: 15 Jun 2018 17:12

Tgt Ion: 49 Resp: 127456
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 79.1 61.2 91.8

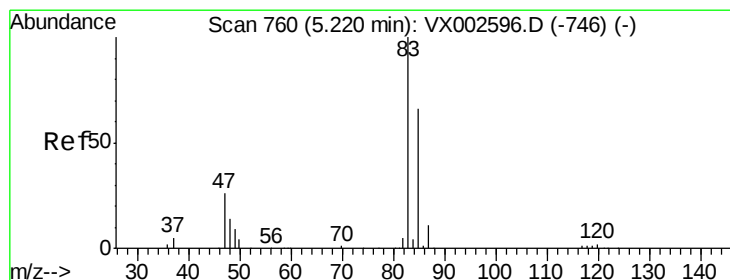
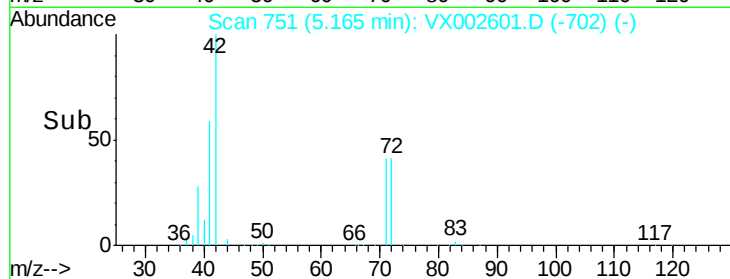
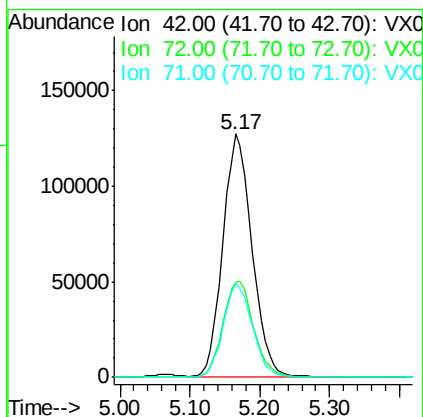
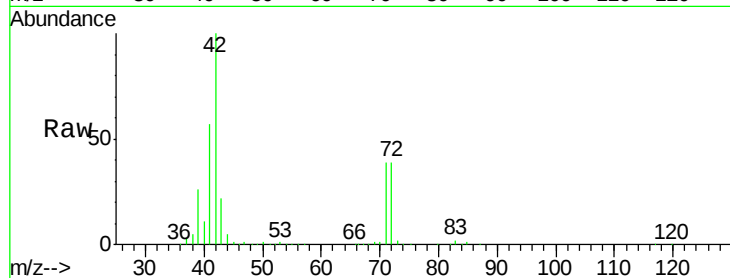




#29
Tetrahydrofuran
Concen: 255.68 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002601.D
Acq: 15 Jun 2018 17:12

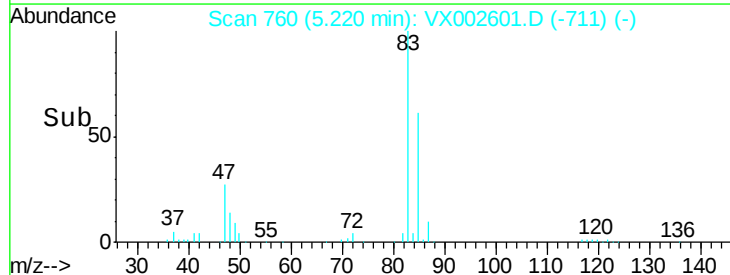
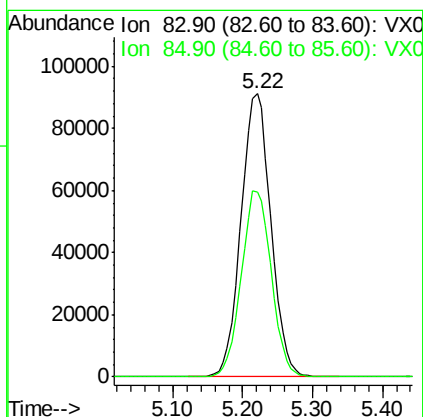
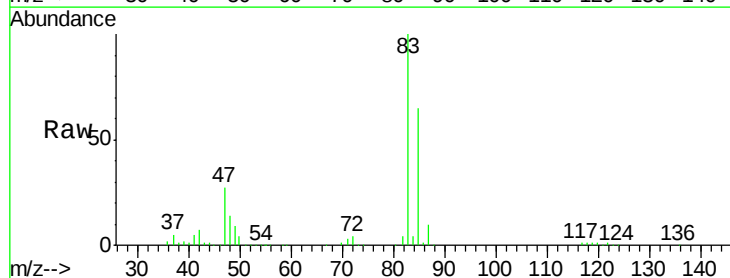
Instrument :
MSVOA_X
ClientSampleId :

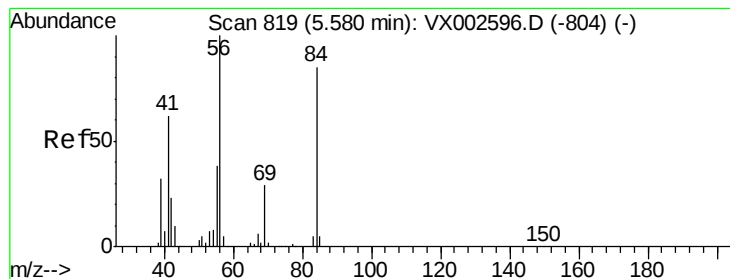
Tot Ion: 42 Resp: 368320
Ion Ratio Lower Upper
42 100
72 41.5 32.0 48.0
71 38.6 30.1 45.1



#30
Chloroform
Concen: 51.59 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002601.D
Acq: 15 Jun 2018 17:12

Tgt Ion: 83 Resp: 270553
Ion Ratio Lower Upper
83 100
85 65.4 50.4 75.6





#31

Cyclohexane

Concen: 54.89 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampled :

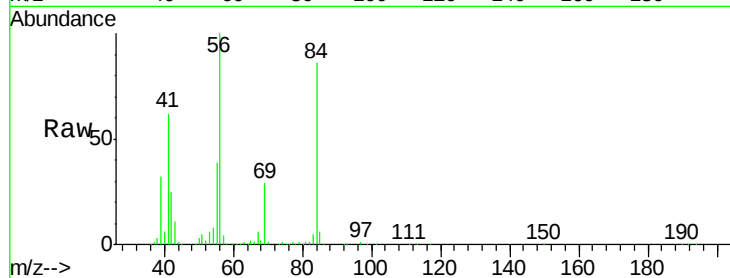
Tot Ion: 56 Resp: 245771

Ion Ratio Lower Upper

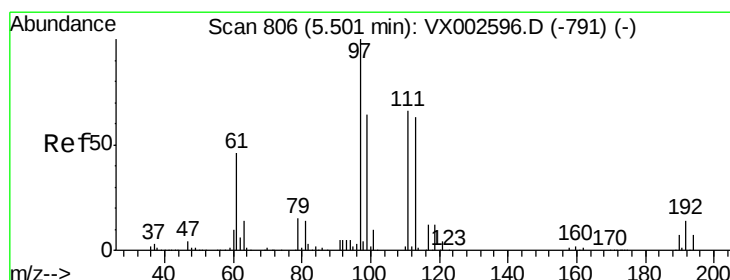
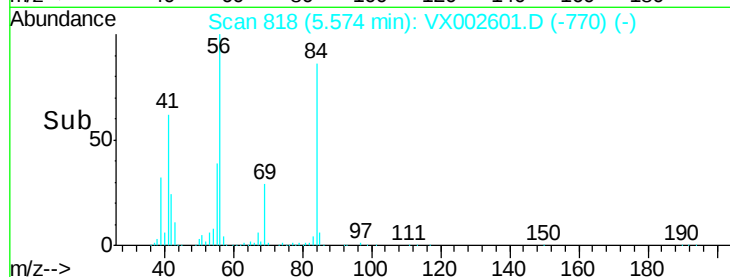
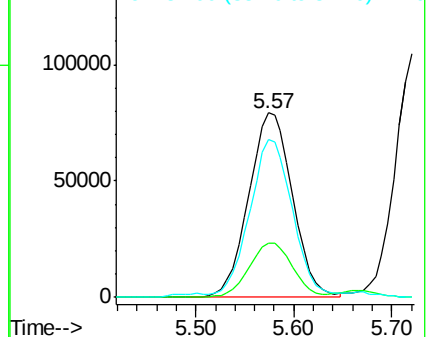
56 100

69 29.2 23.7 35.5

84 84.0 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: 54.98 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

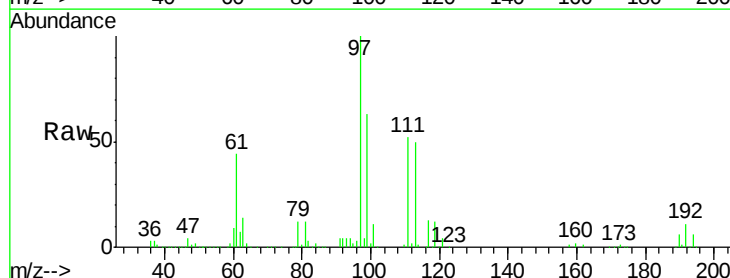
Tgt Ion: 97 Resp: 241156

Ion Ratio Lower Upper

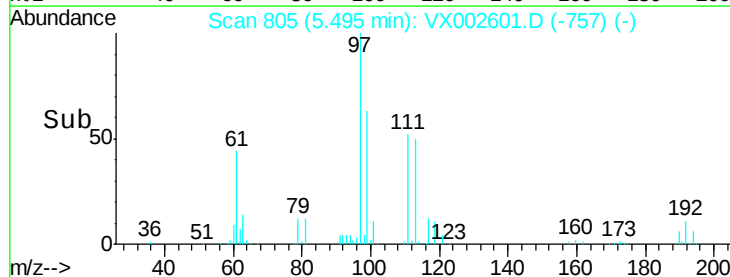
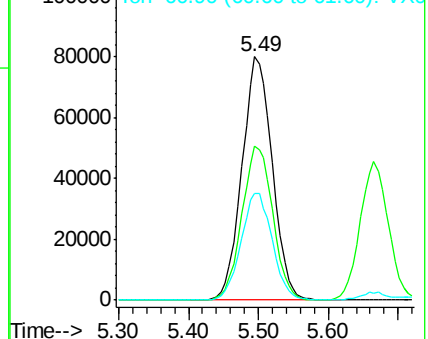
97 100

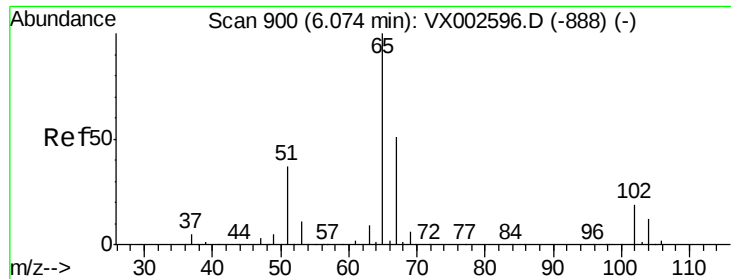
99 64.3 51.6 77.4

61 45.1 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: 47.20 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

Instrument :

MSVOA_X

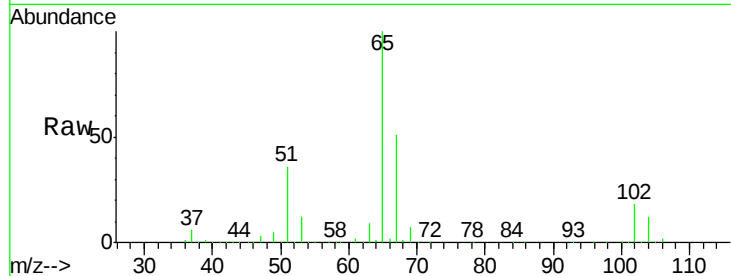
ClientSampleId :

Tot Ion: 65 Resp: 179051

Ion Ratio Lower Upper

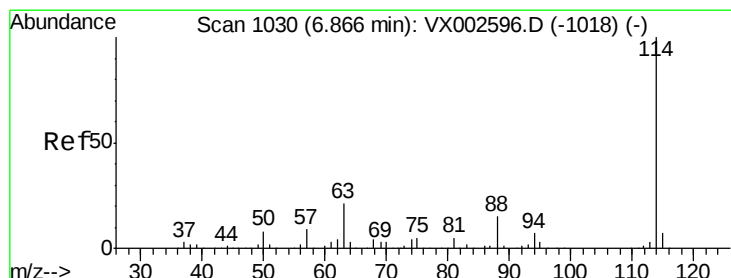
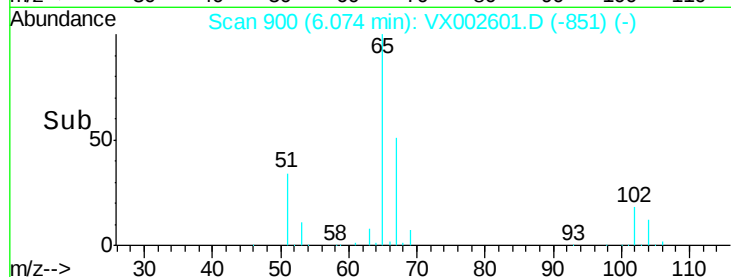
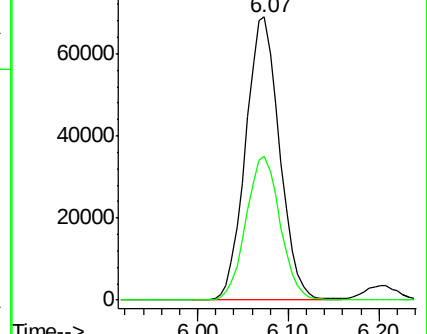
65 100

67 51.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

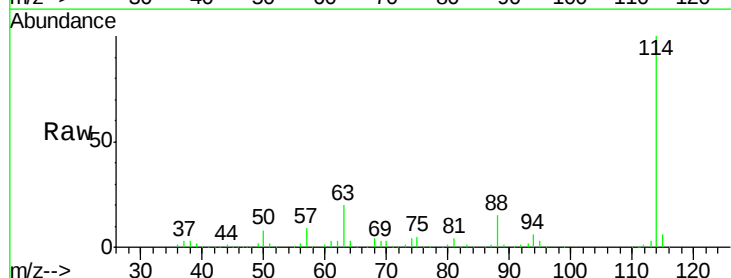
Tgt Ion: 114 Resp: 348785

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.4

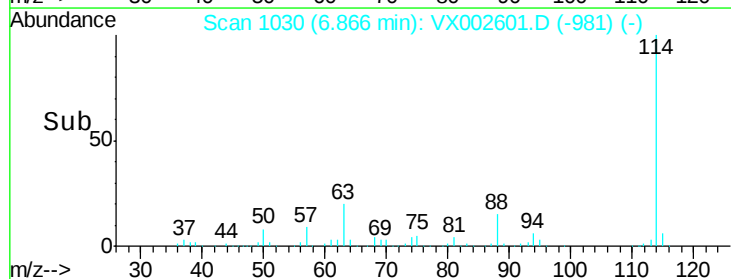
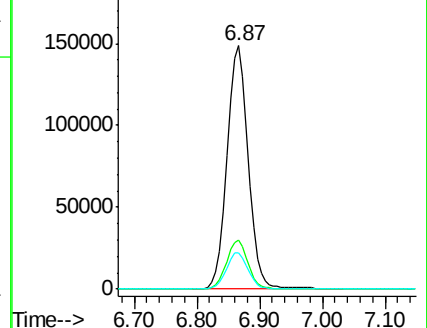
88 14.7 0.0 30.0

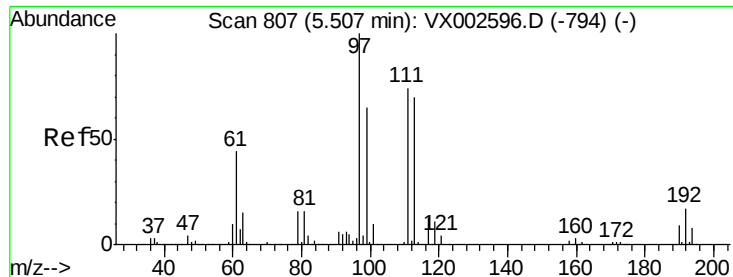


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

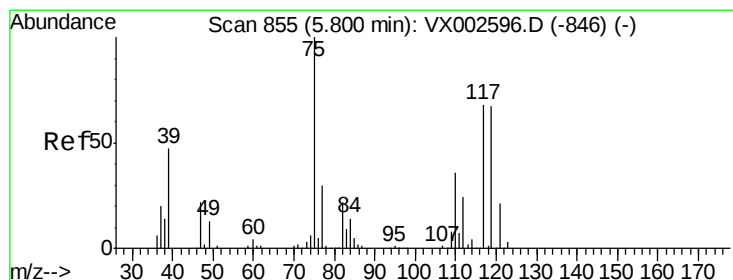
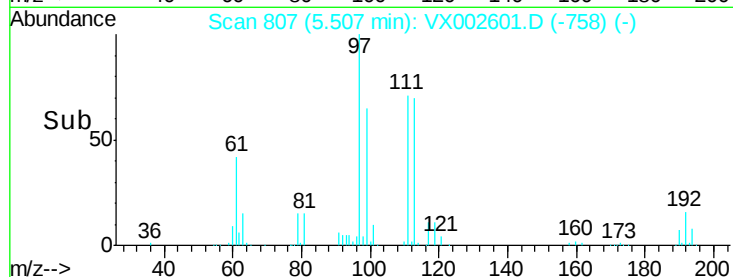
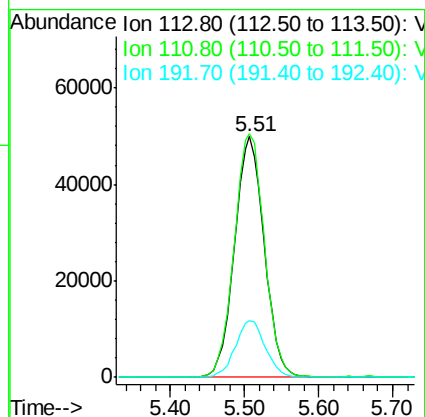
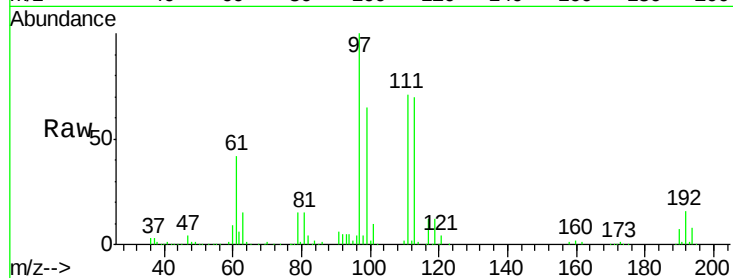




#35
 Dibromofluoromethane
 Concen: 50.21 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002601.D
 Acq: 15 Jun 2018 17:12

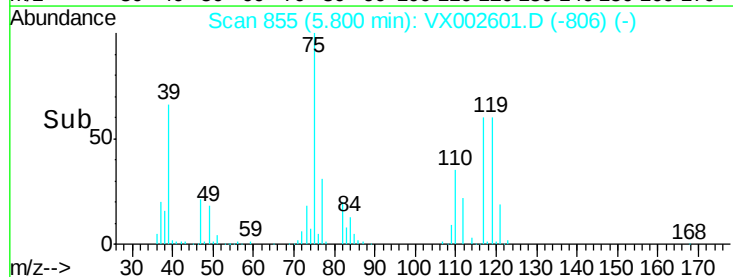
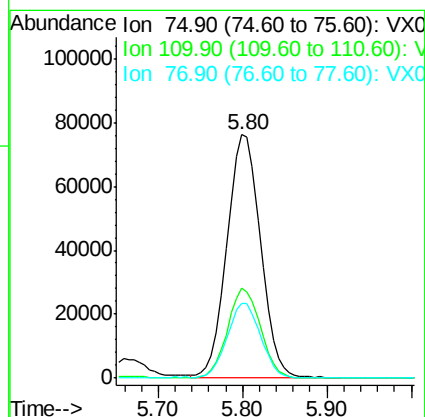
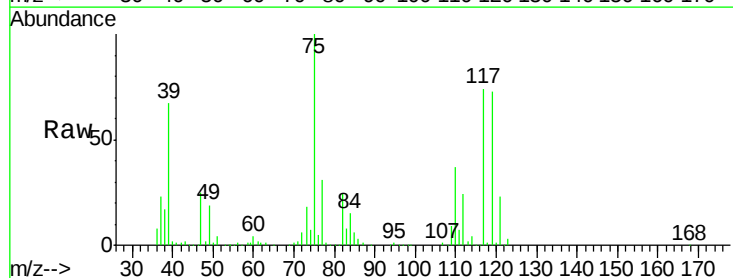
Instrument :
 MSVOA_X
 ClientSampleId :

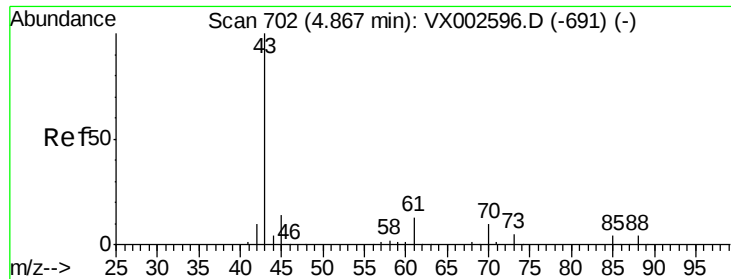
Tot Ion:113 Resp: 139754
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.4 122.0
 192 23.9 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 55.73 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX002601.D
 Acq: 15 Jun 2018 17:12

Tgt Ion: 75 Resp: 206428
 Ion Ratio Lower Upper
 75 100
 110 36.3 18.1 54.4
 77 30.7 24.3 36.5

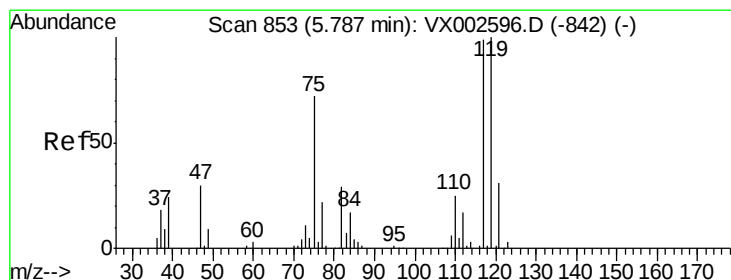
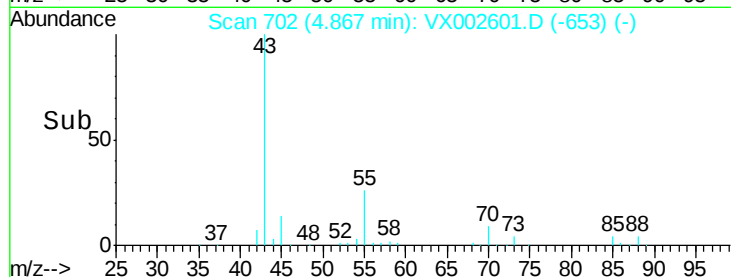
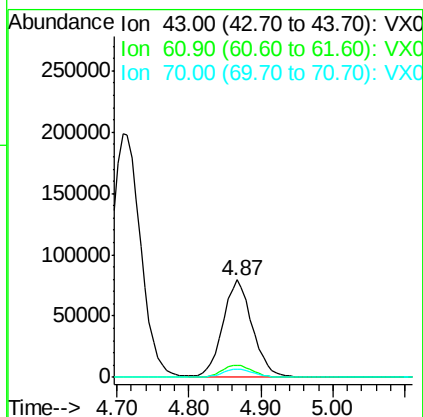
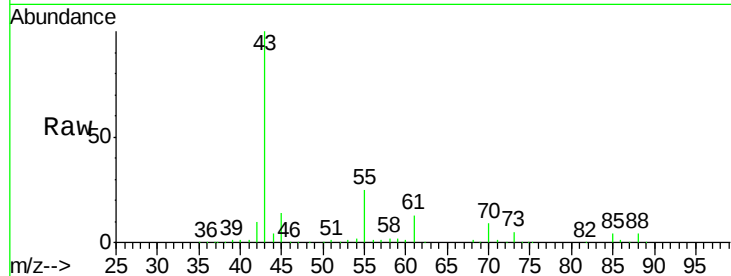




#37
Ethyl Acetate
Concen: 53.51 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002601.D
Acq: 15 Jun 2018 17:12

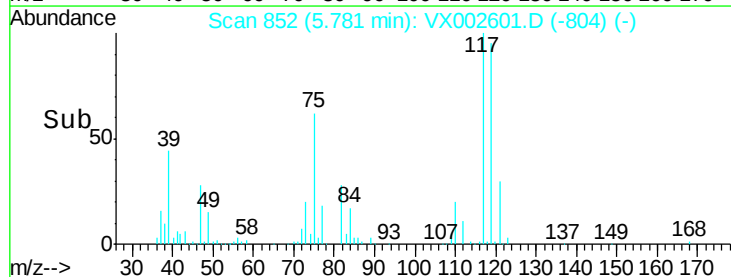
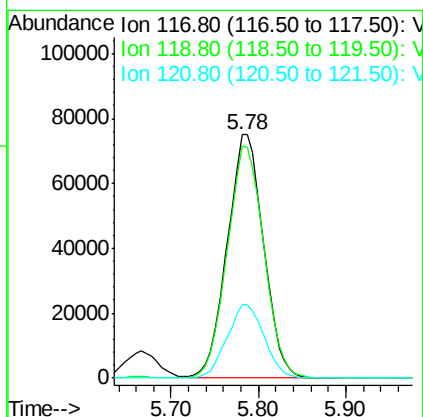
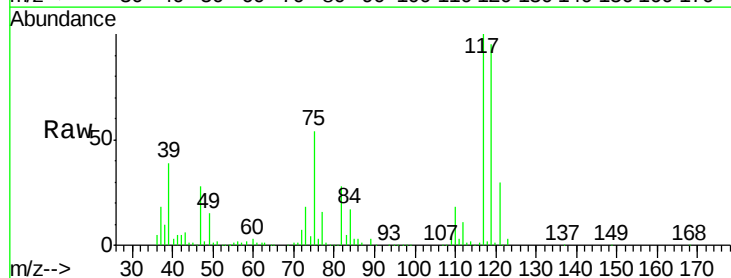
Instrument :
MSVOA_X
ClientSampleID :

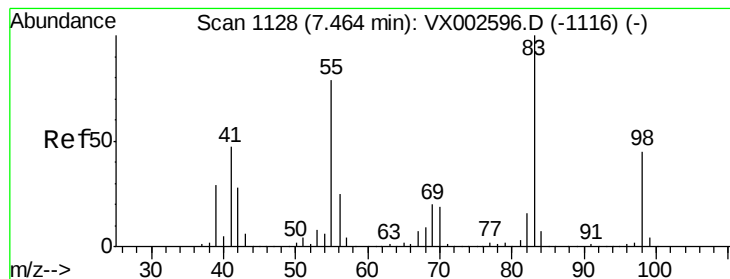
Tot Ion: 43 Resp: 224371
Ion Ratio Lower Upper
43 100
61 12.8 10.4 15.6
70 9.4 7.6 11.4



#38
Carbon Tetrachloride
Concen: 58.80 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002601.D
Acq: 15 Jun 2018 17:12

Tgt Ion: 117 Resp: 216880
Ion Ratio Lower Upper
117 100
119 95.2 77.4 116.0
121 30.1 24.4 36.6





#39

Methvlcvclohexane

Concen: 59.80 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :

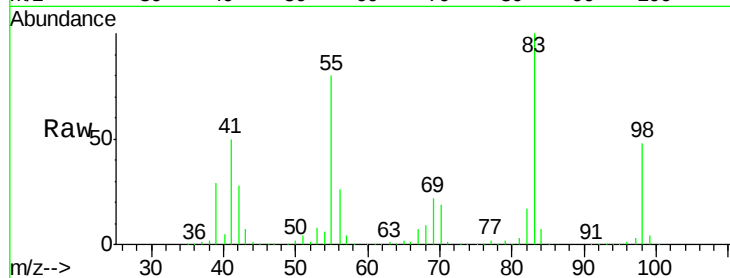
Tot Ion: 83 Resp: 258947

Ion	Ratio	Lower	Upper
83	100		
55	79.9	65.4	98.0
98	47.7	37.4	56.0

83 100

55 79.9 65.4 98.0

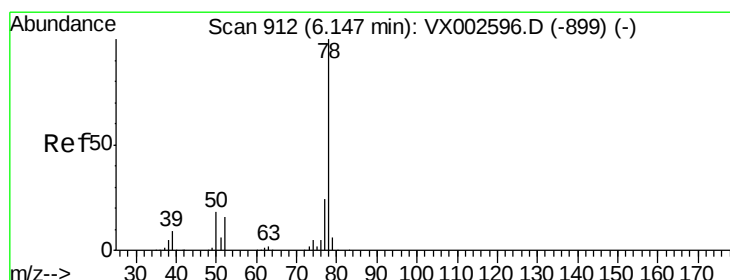
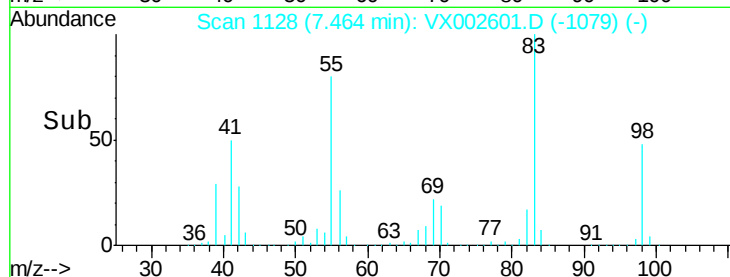
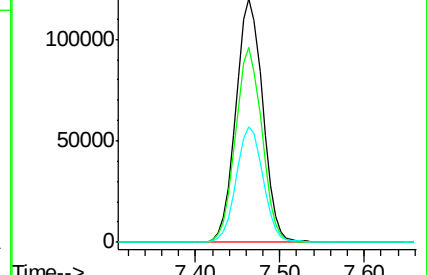
98 47.7 37.4 56.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 53.83 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX002601.D

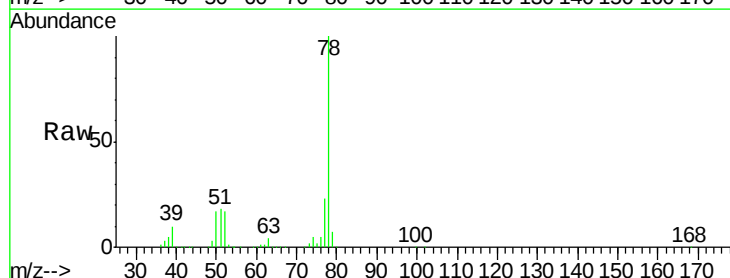
Acq: 15 Jun 2018 17:12

Tgt Ion: 78 Resp: 597930

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.1	28.7

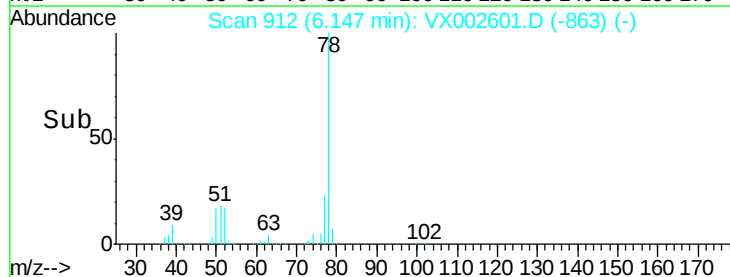
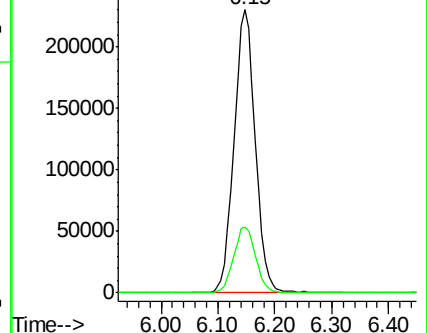
78 100

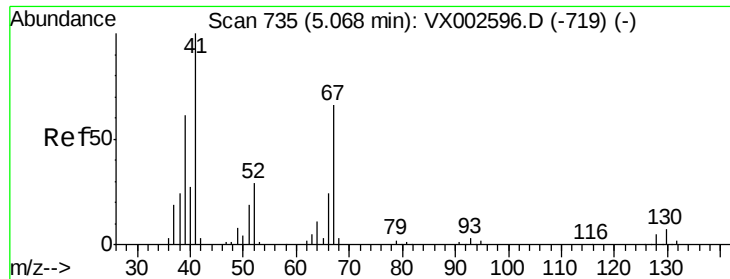
77 23.4 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

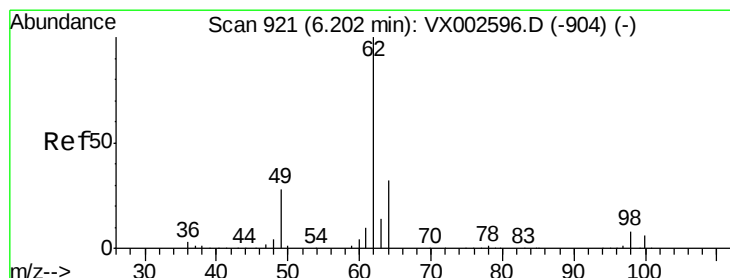
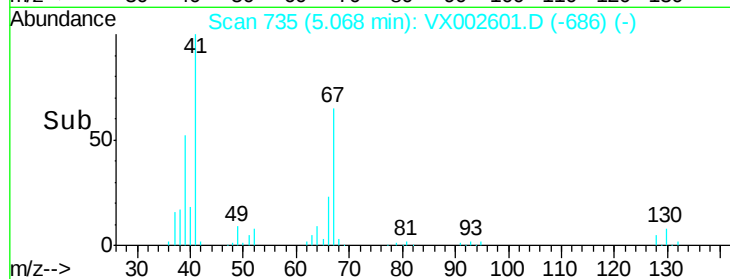
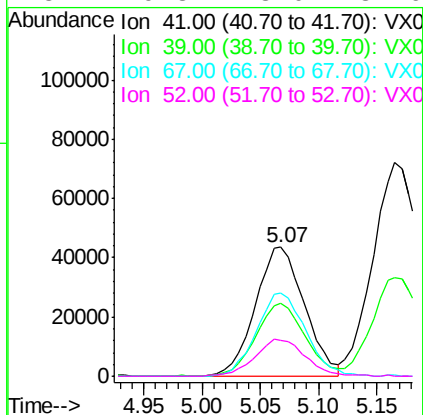
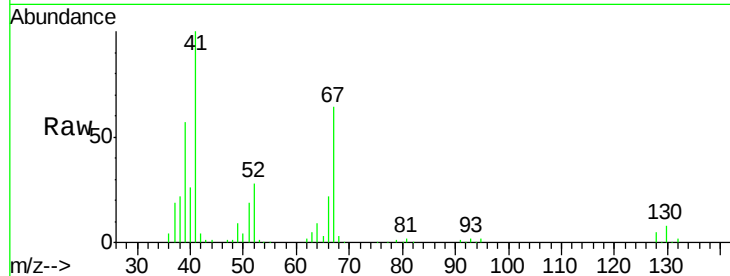




#41
Methacrylonitrile
Concen: 53.70 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002601.D
Acq: 15 Jun 2018 17:12

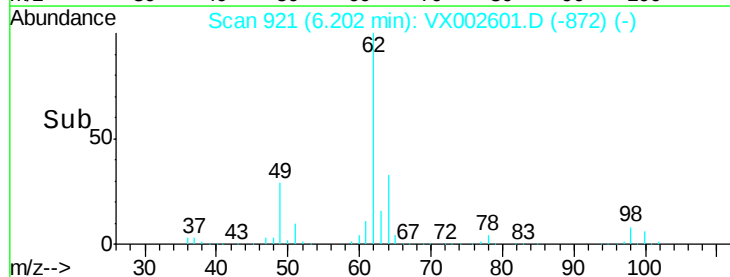
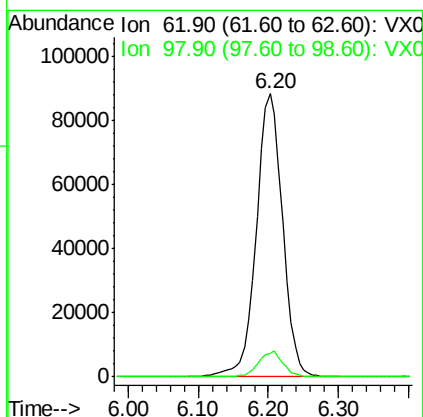
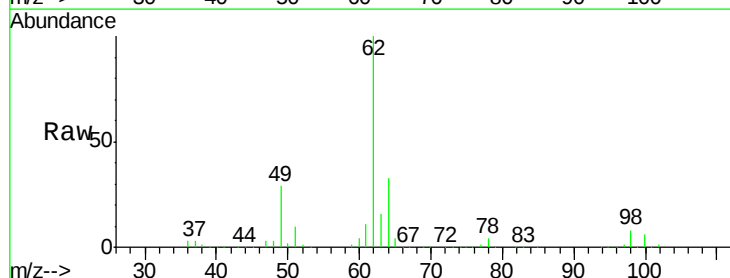
Instrument :
MSVOA_X
ClientSampleId :

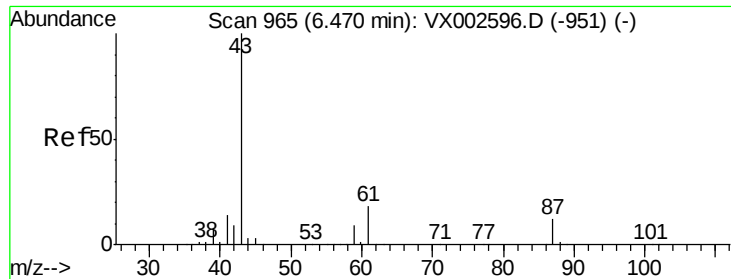
Tot Ion:	41	Resp:	127121
Ion	Ratio	Lower	Upper
41	100		
39	57.0	45.8	68.6
67	65.0	51.3	76.9
52	29.3	23.0	34.6



#42
1,2-Dichloroethane
Concen: 53.58 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002601.D
Acq: 15 Jun 2018 17:12

Tgt Ion:	62	Resp:	230415
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6





#43

Isopropyl Acetate

Concen: 53.80 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

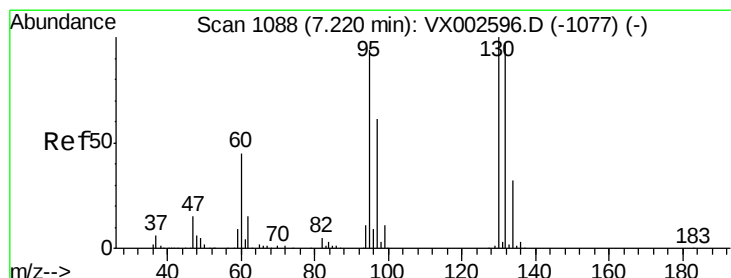
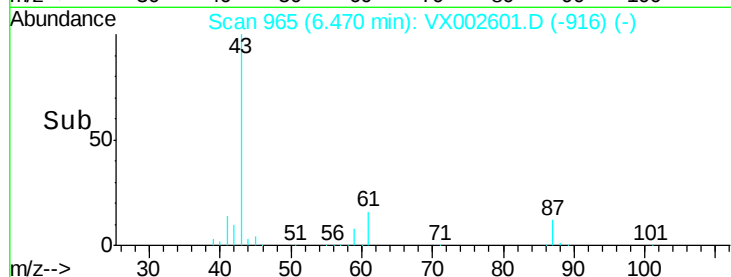
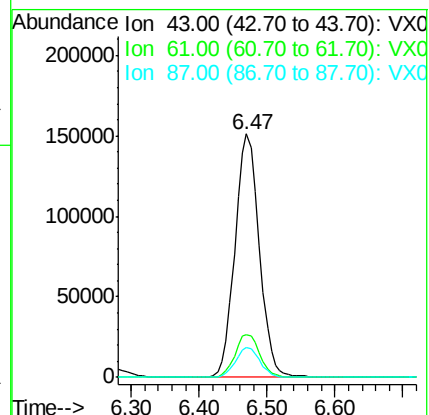
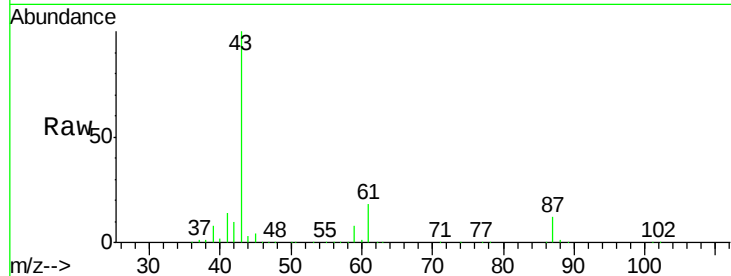
Tot Ion: 43 Resp: 373716

Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.4	21.6
87	12.2	9.5	14.3

43 100

61 18.1 14.4 21.6

87 12.2 9.5 14.3



#44

Trichloroethene

Concen: 55.03 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX002601.D

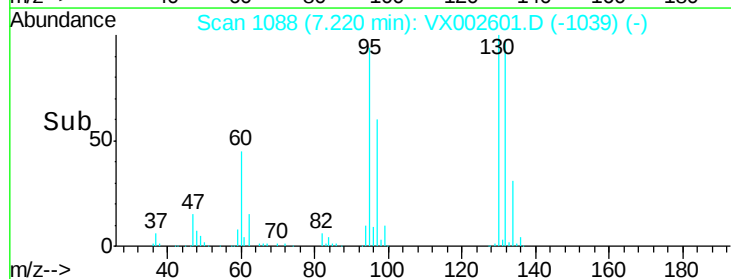
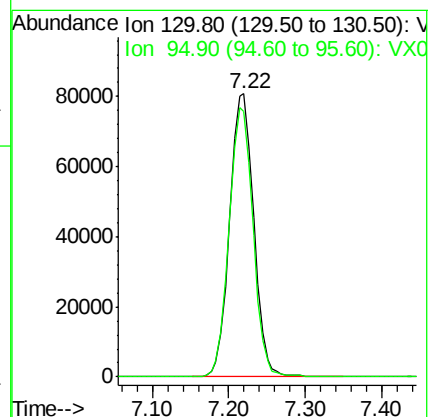
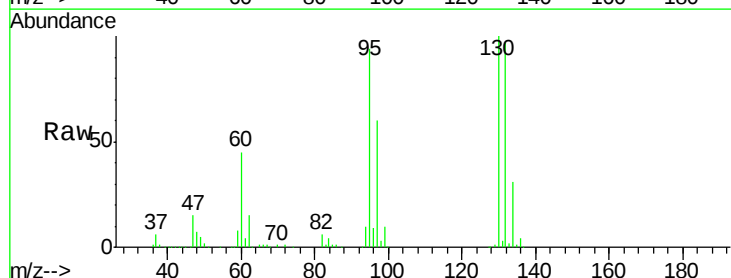
Acq: 15 Jun 2018 17:12

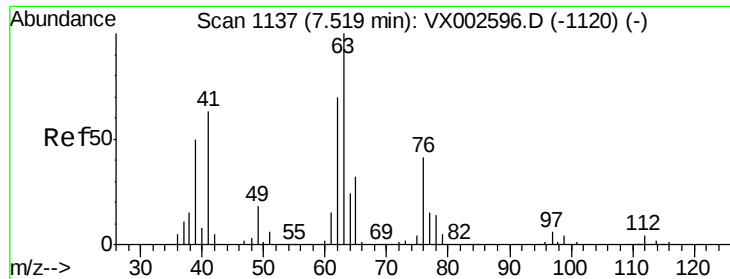
Tgt Ion:130 Resp: 176411

Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	185.4

130 100

95 93.8 0.0 185.4





#45

1,2-Dichloropropane

Concen: 52.76 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

Instrument :

MSVOA_X

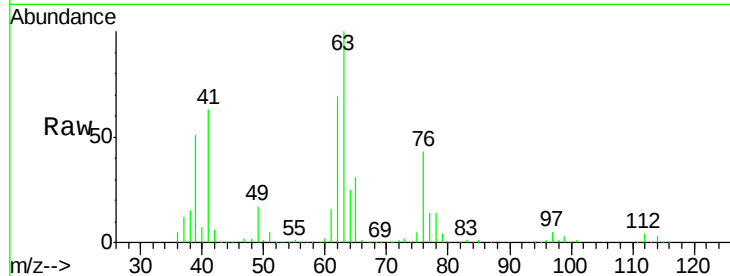
ClientSampleId :

Tot Ion: 63 Resp: 154242

Ion Ratio Lower Upper

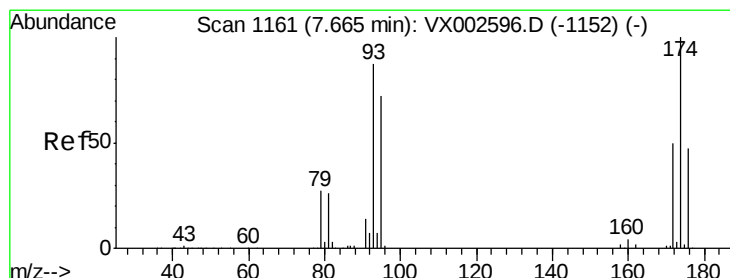
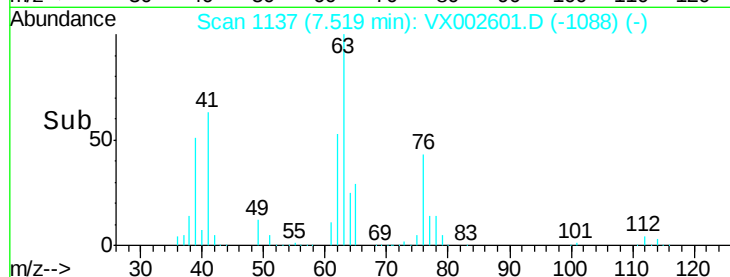
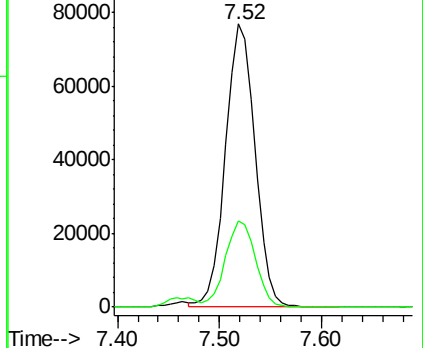
63 100

65 30.6 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 54.48 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

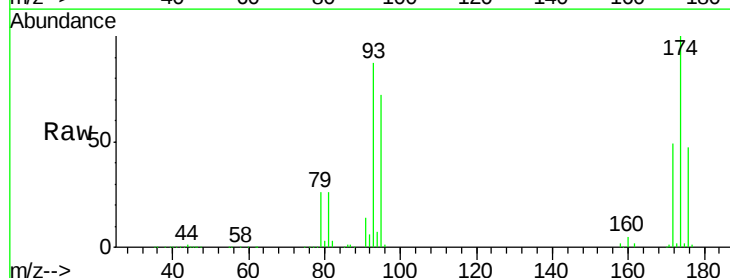
Tgt Ion: 93 Resp: 106528

Ion Ratio Lower Upper

93 100

95 83.7 65.9 98.9

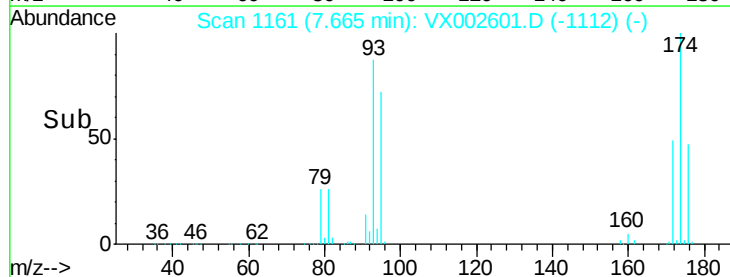
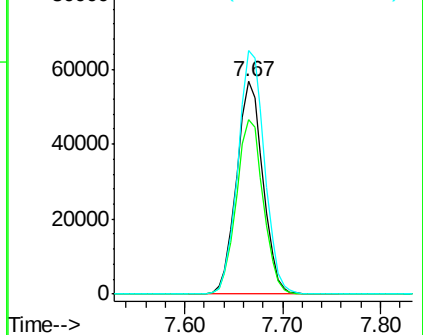
174 115.5 92.4 138.6

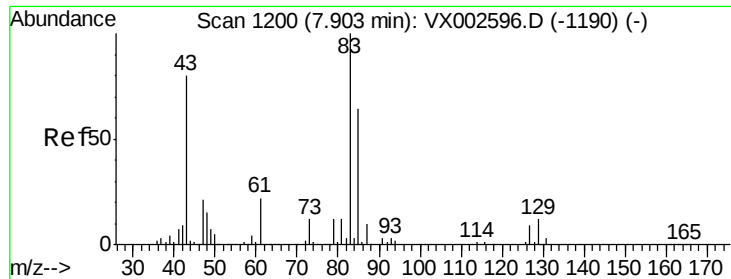


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 57.58 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :

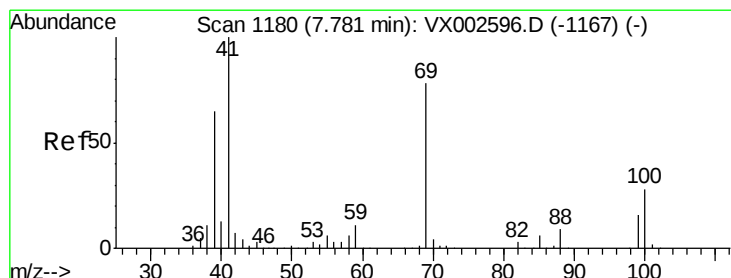
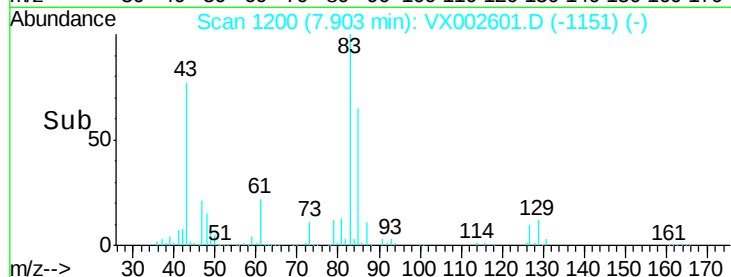
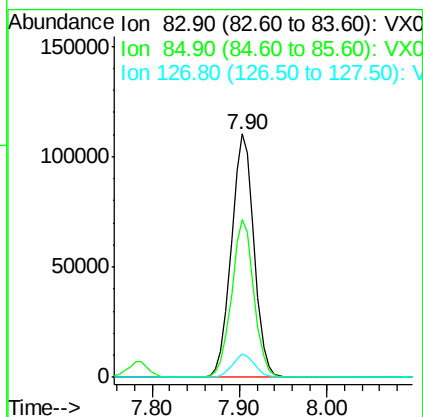
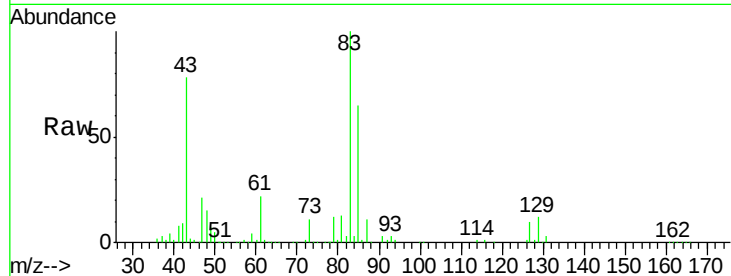
Tot Ion: 83 Resp: 198599

Ion Ratio Lower Upper

83 100

85 64.6 50.3 75.5

127 9.6 7.0 10.4



#48

Methyl methacrylate

Concen: 54.99 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

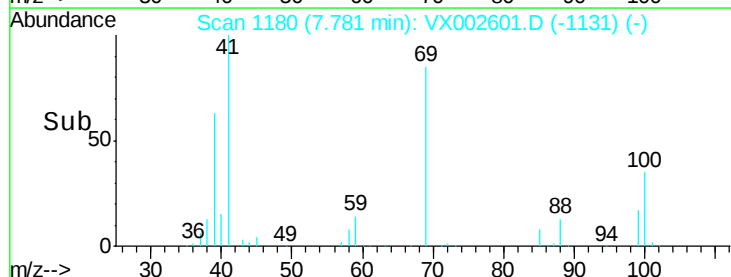
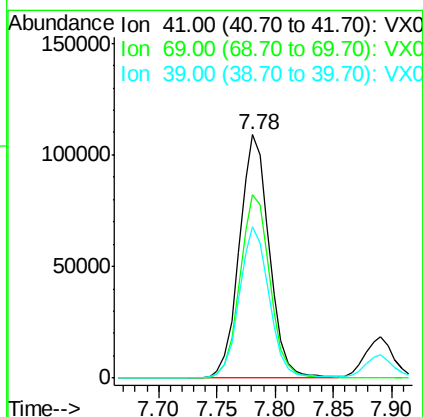
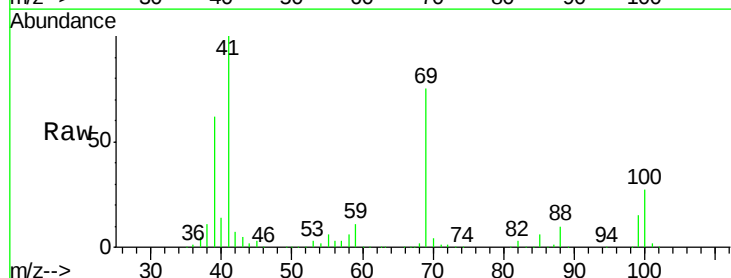
Tgt Ion: 41 Resp: 195216

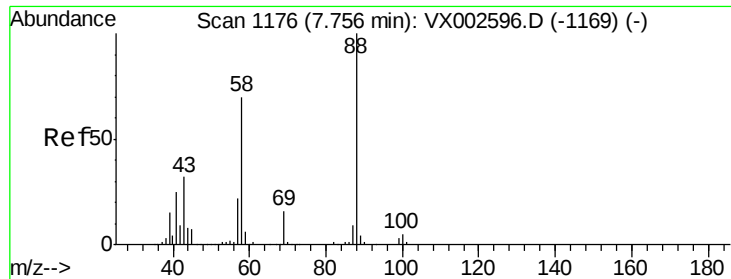
Ion Ratio Lower Upper

41 100

69 75.8 59.1 88.7

39 61.5 48.9 73.3

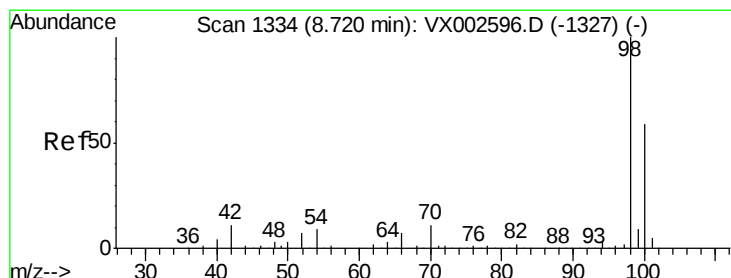
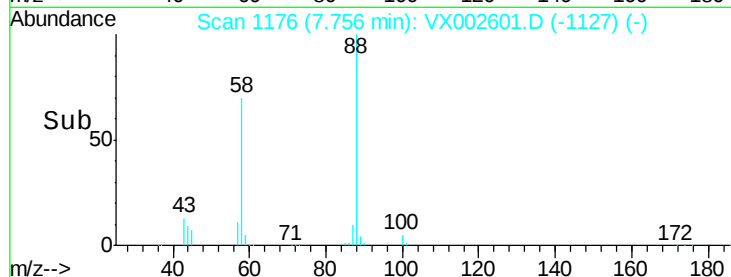
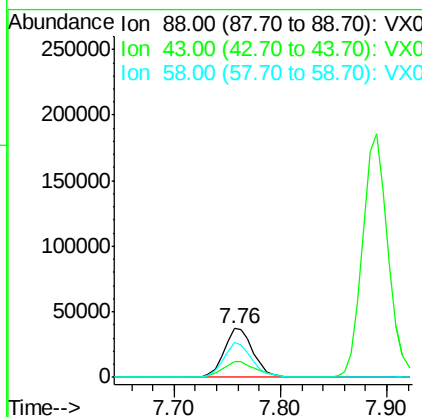
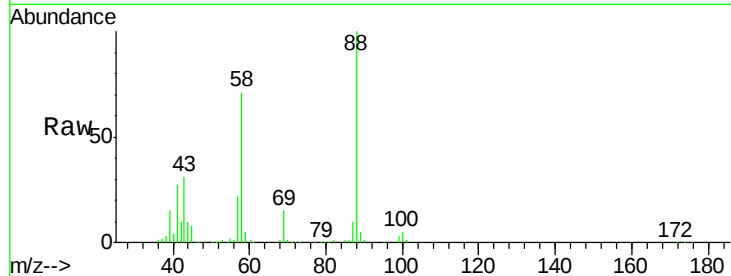




#49
1,4-Dioxane
Concen: 1057.79 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX002601.D
Acq: 15 Jun 2018 17:12

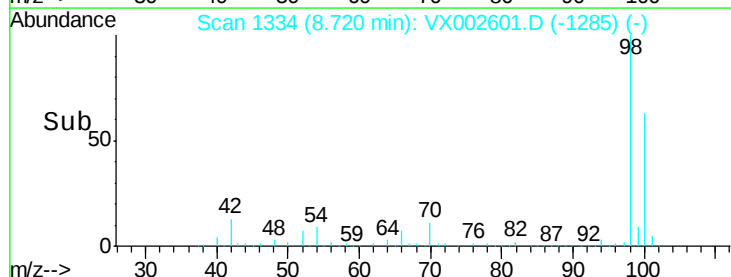
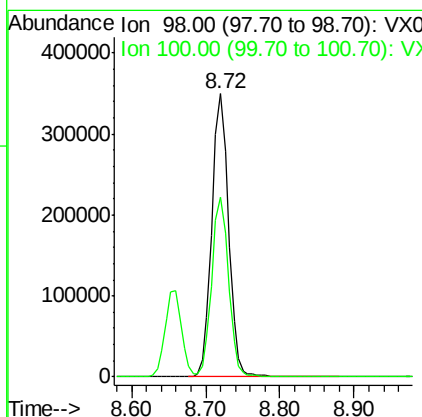
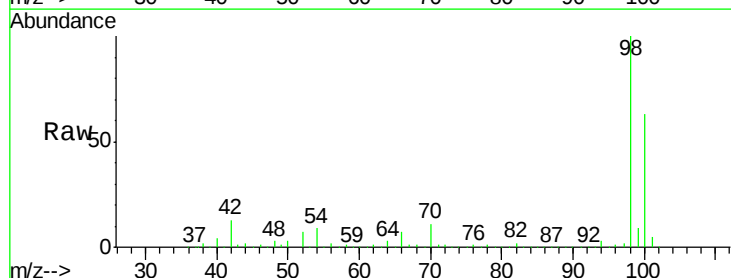
Instrument :
MSVOA_X
ClientSampleId :

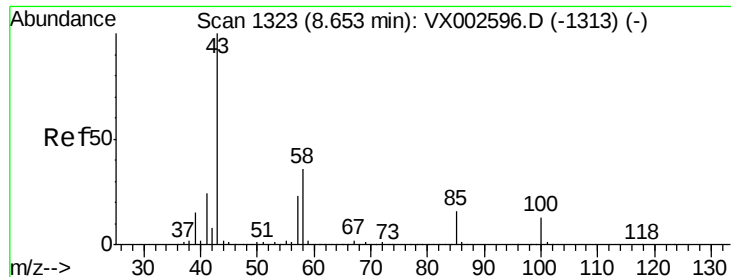
Tot Ion	88	Resp	71110
Ion	Ratio	Lower	Upper
88	100		
43	36.8	29.8	44.6
58	70.2	57.1	85.7



#50
Toluene-d8
Concen: 51.15 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002601.D
Acq: 15 Jun 2018 17:12

Tgt Ion	98	Resp	540637
Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 273.30 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

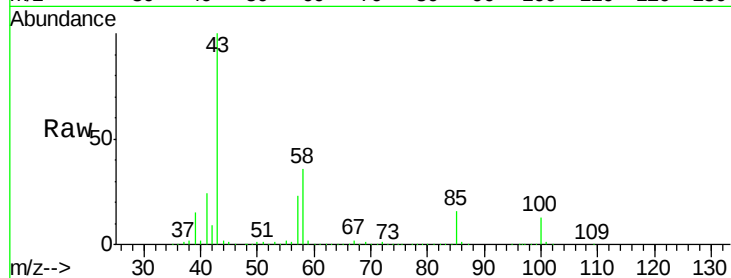
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1218962

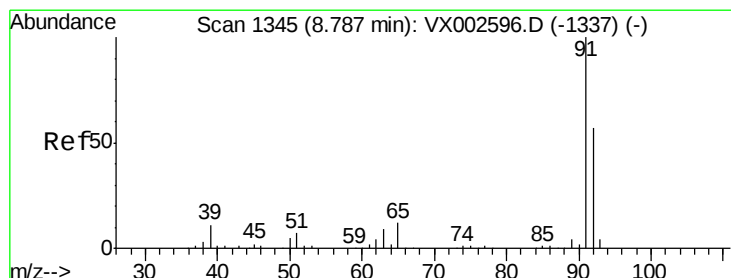
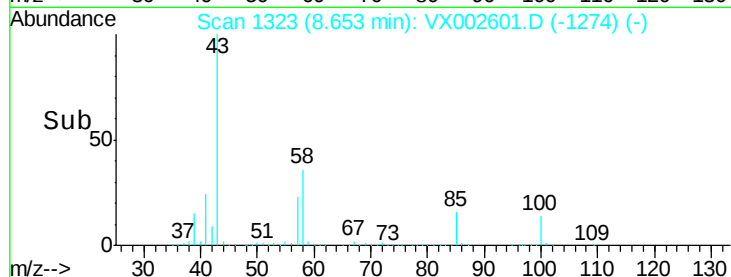
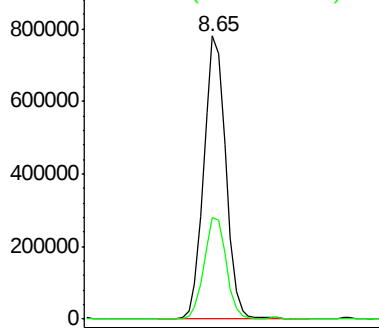
Ion Ratio Lower Upper

43 100

58 36.1 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: 55.61 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002601.D

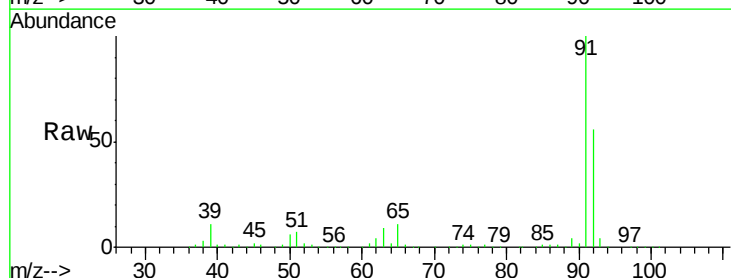
Acq: 15 Jun 2018 17:12

Tgt Ion: 92 Resp: 393995

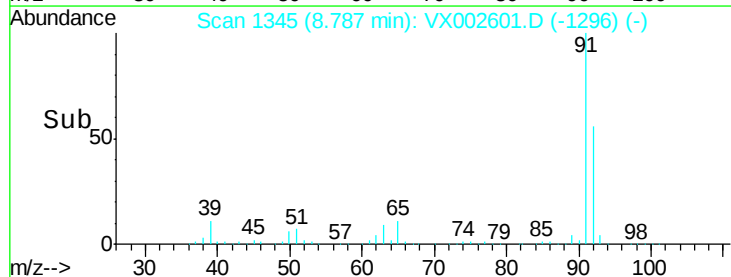
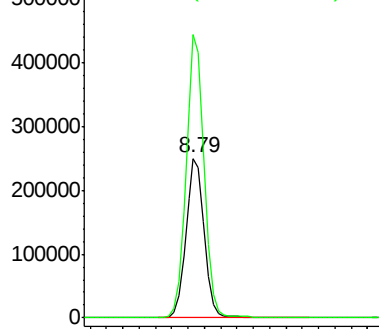
Ion Ratio Lower Upper

92 100

91 175.8 140.4 210.6



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: 53.41 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

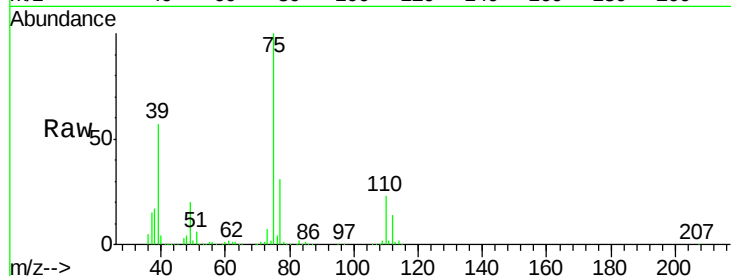
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 244621

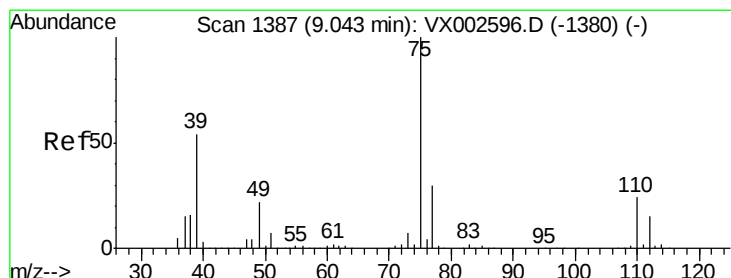
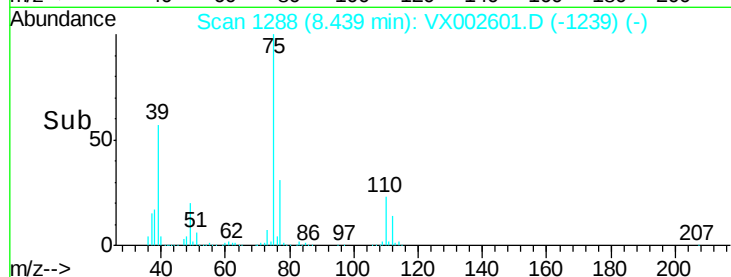
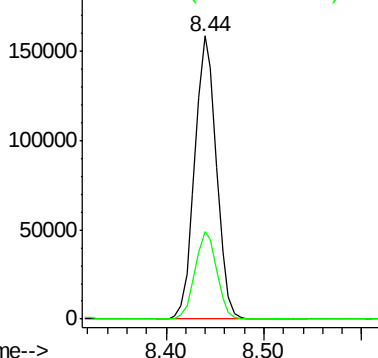
Ion Ratio Lower Upper

75 100

77 30.7 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: 51.82 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

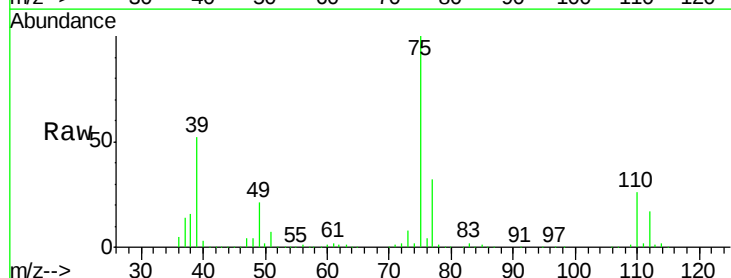
Tgt Ion: 75 Resp: 226245

Ion Ratio Lower Upper

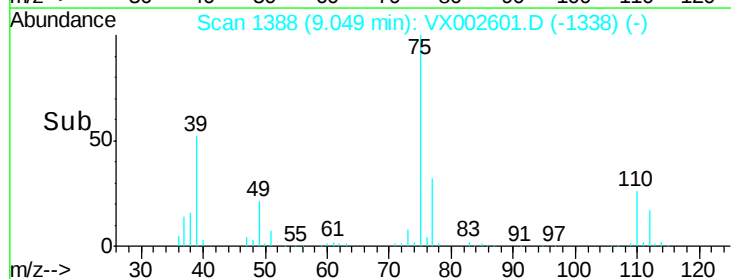
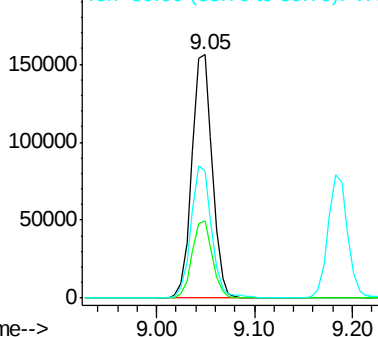
75 100

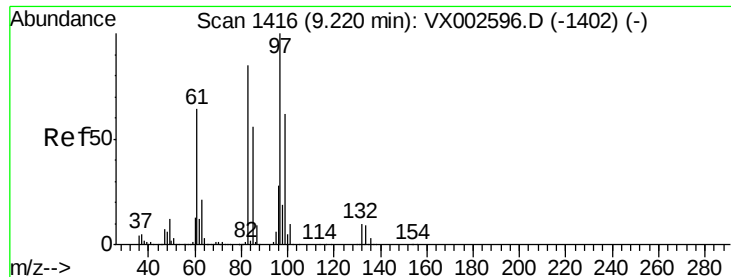
77 32.0 24.8 37.2

39 52.0 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: 55.11 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 157782

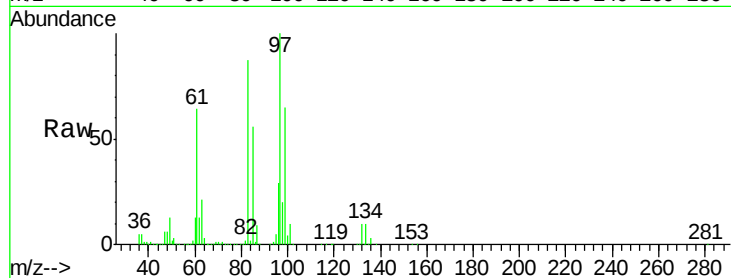
Ion Ratio Lower Upper

97 100

83 87.3 70.2 105.2

85 56.2 44.9 67.3

99 64.7 49.8 74.8

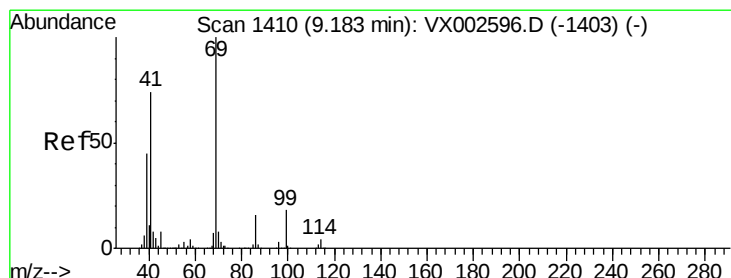
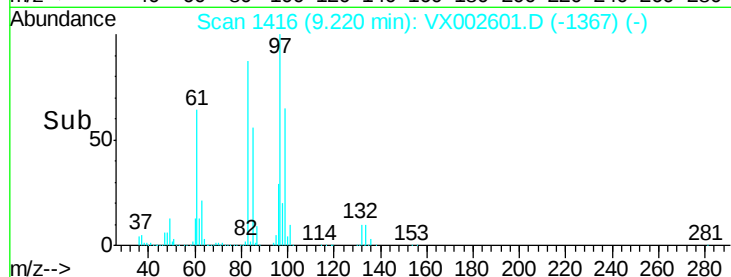
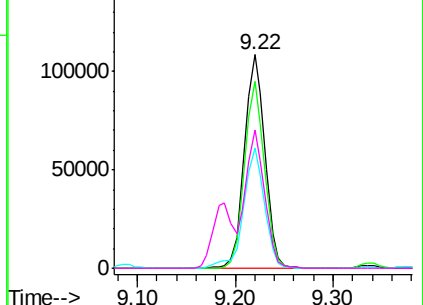


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 56.17 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

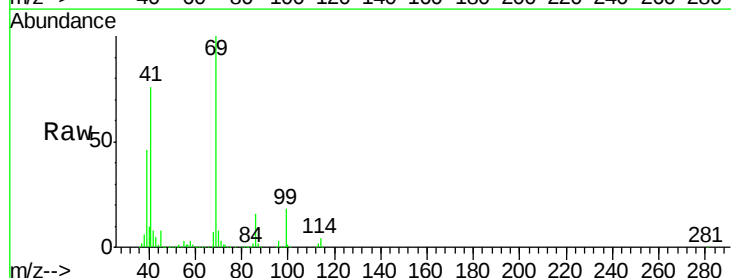
Tgt Ion: 69 Resp: 247477

Ion Ratio Lower Upper

69 100

41 74.3 60.3 90.5

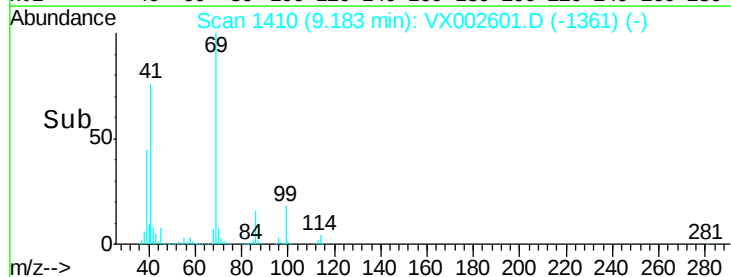
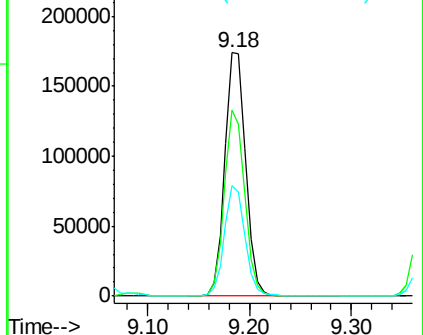
39 44.3 35.8 53.8

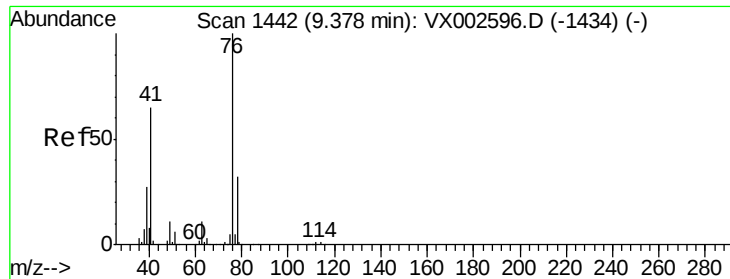


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 53.96 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

Instrument :

MSVOA_X

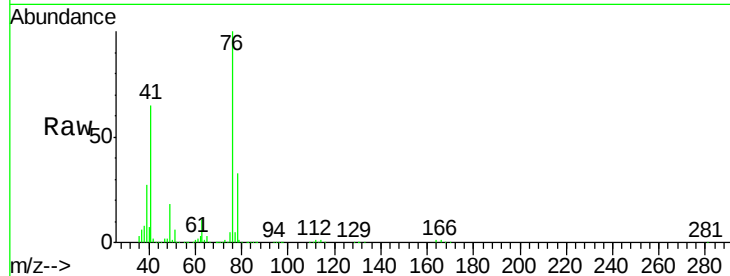
ClientSampleId :

Tot Ion: 76 Resp: 261295

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

200000

150000

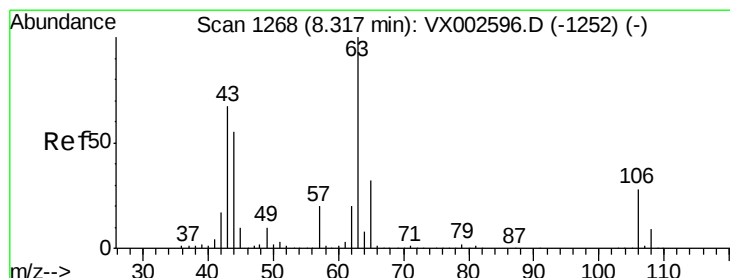
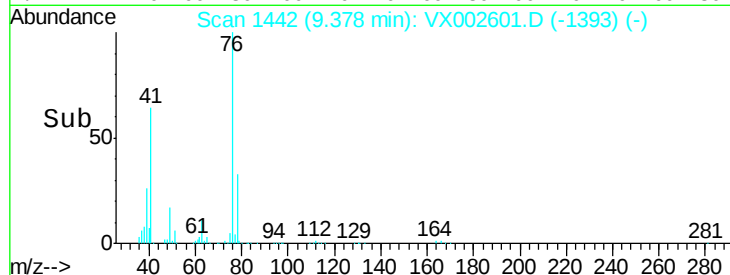
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 286.64 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002601.D

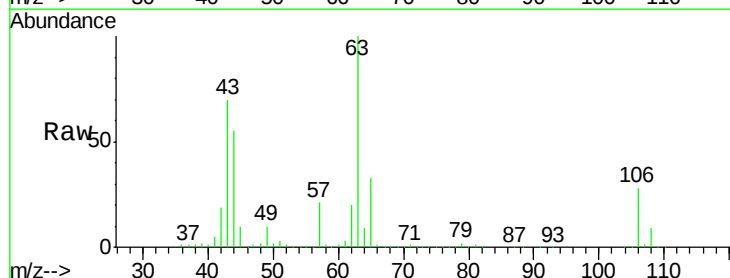
Acq: 15 Jun 2018 17:12

Tgt Ion: 63 Resp: 610821

Ion Ratio Lower Upper

63 100

106 27.7 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

400000

300000

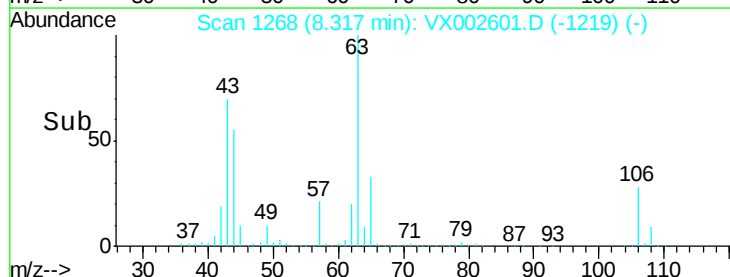
200000

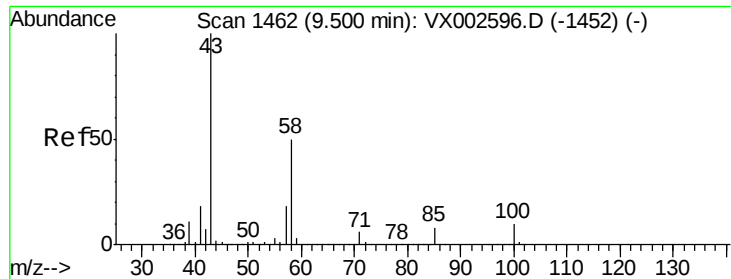
100000

0

8.20 8.30 8.40

Time-->

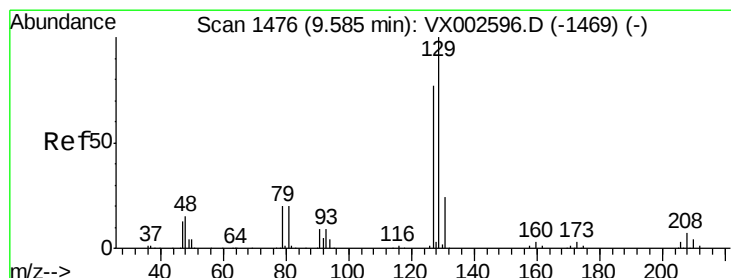
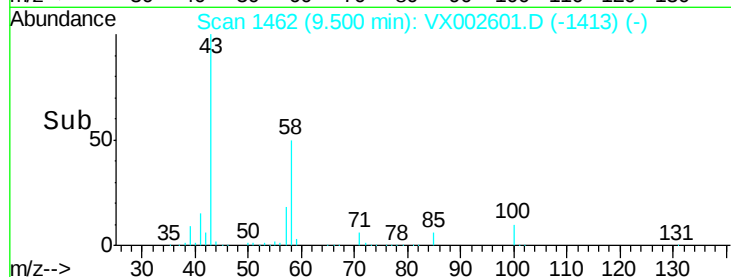
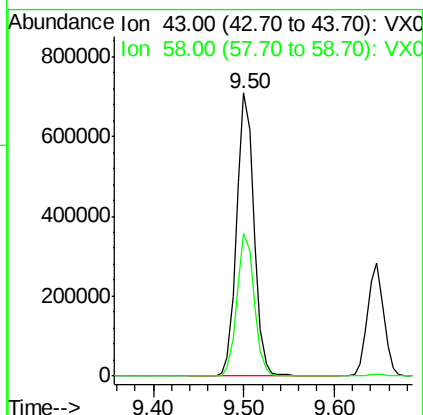
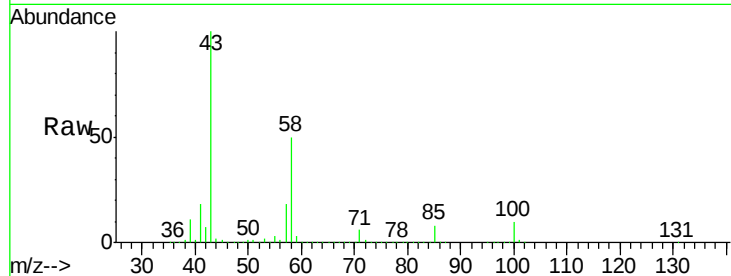




#59
2-Hexanone
Concen: 279.76 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002601.D
Acq: 15 Jun 2018 17:12

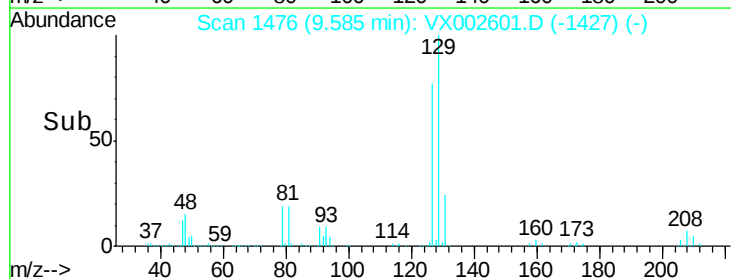
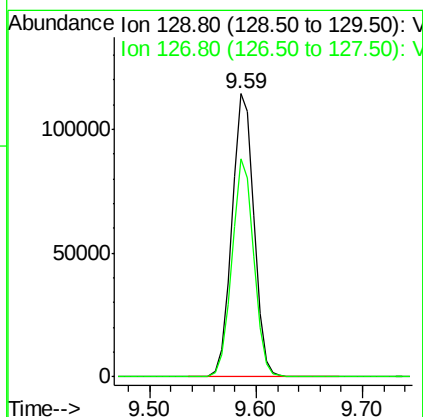
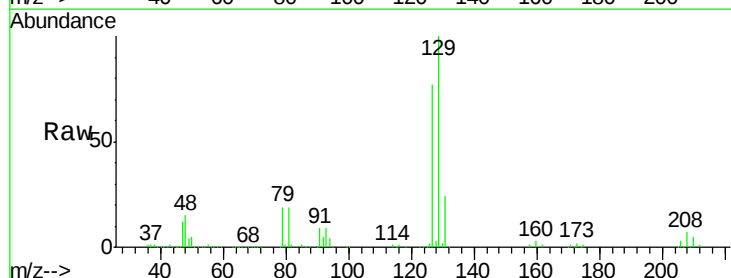
Instrument :
MSVOA_X
ClientSampleId :

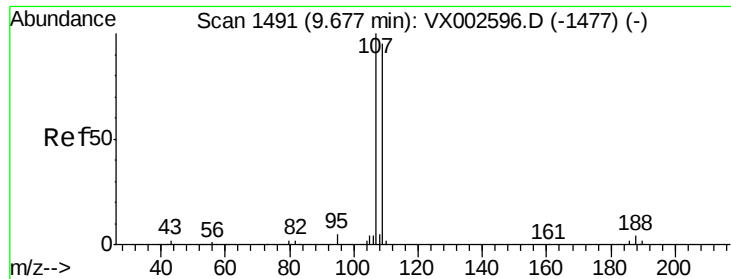
Tot Ion: 43 Resp: 940251
Ion Ratio Lower Upper
43 100
58 50.3 24.6 73.6



#60
Dibromochloromethane
Concen: 51.51 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002601.D
Acq: 15 Jun 2018 17:12

Tgt Ion:129 Resp: 166271
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.3





#61

1,2-Dibromoethane

Concen: 56.10 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

Instrument :

MSVOA_X

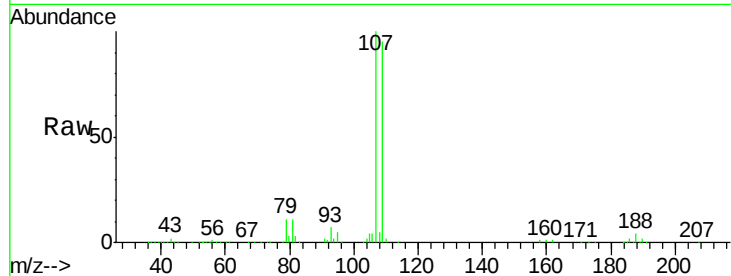
ClientSampleId :

Tot Ion:107 Resp: 166352

Ion Ratio Lower Upper

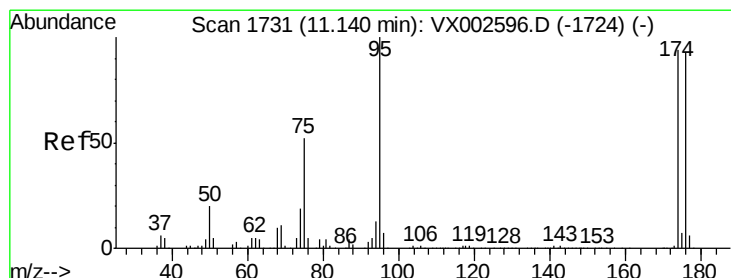
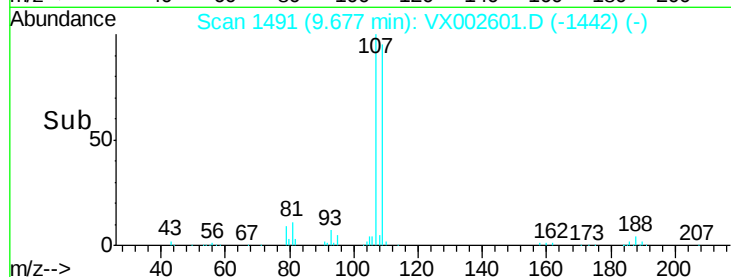
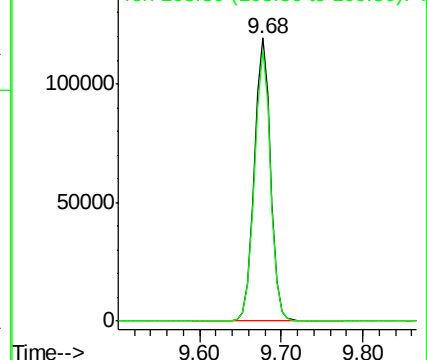
107 100

109 95.1 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: 52.23 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

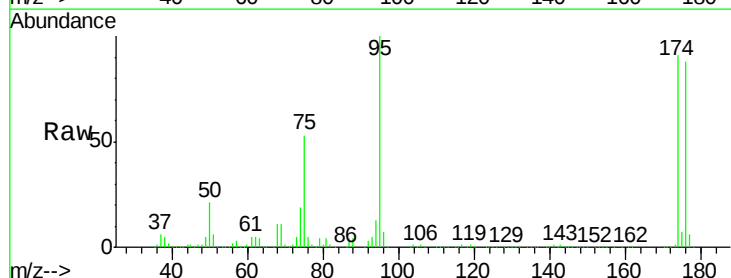
Tgt Ion: 95 Resp: 209195

Ion Ratio Lower Upper

95 100

174 96.1 0.0 187.4

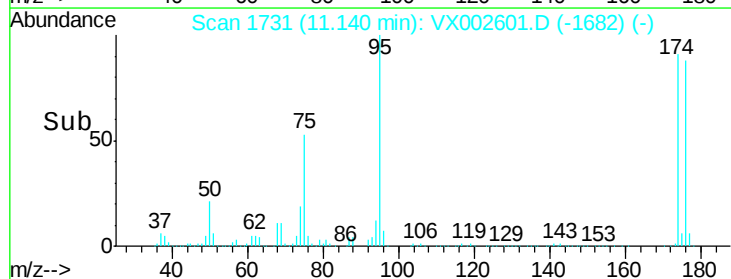
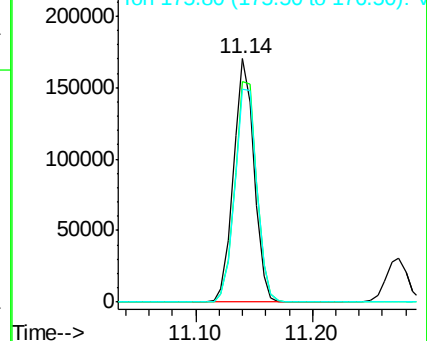
176 94.0 0.0 181.0

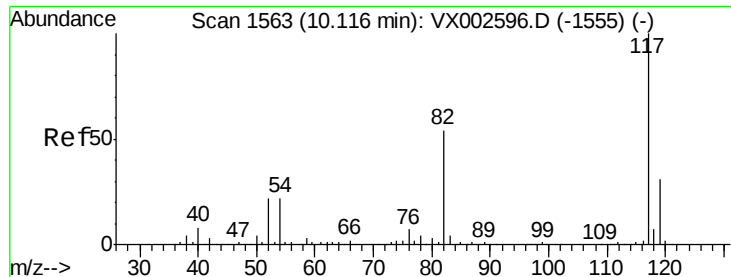


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

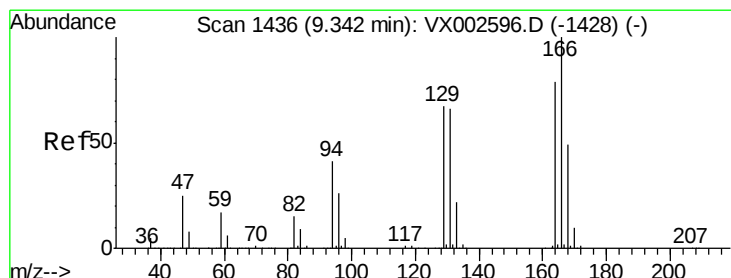
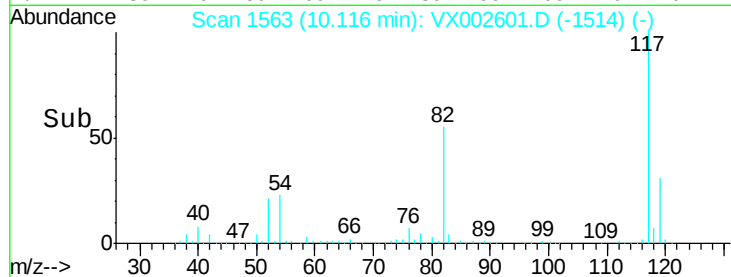
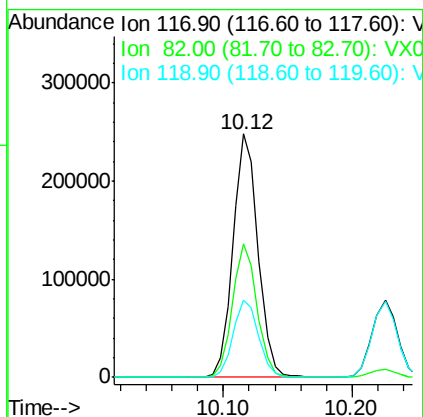
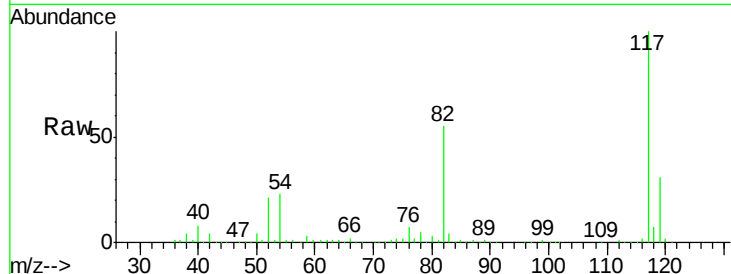




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002601.D
Acq: 15 Jun 2018 17:12

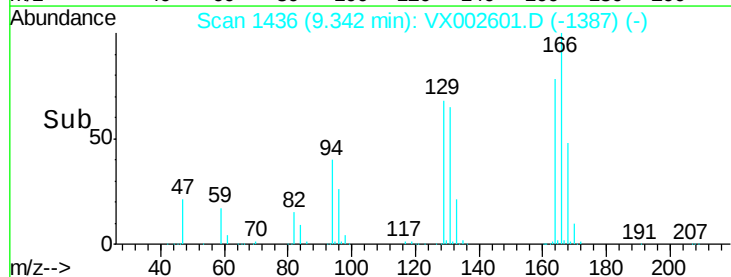
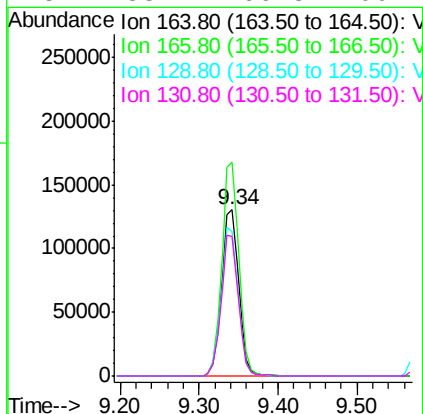
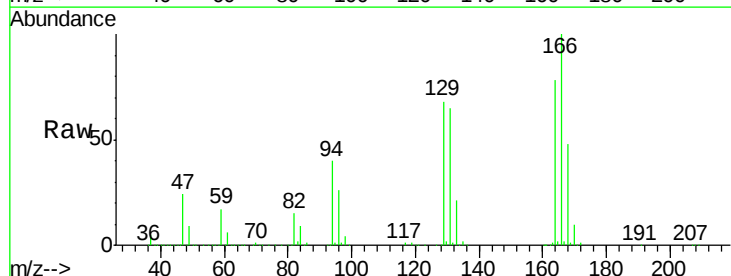
Instrument :
MSVOA_X
ClientSampleId :

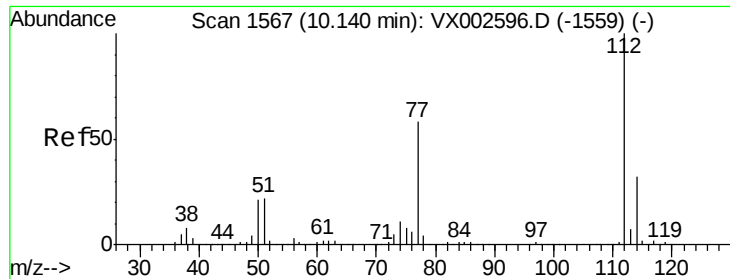
Tot Ion:117 Resp: 334805
Ion Ratio Lower Upper
117 100
82 54.9 45.0 67.4
119 31.5 25.8 38.6



#64
Tetrachloroethene
Concen: 52.87 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002601.D
Acq: 15 Jun 2018 17:12

Tgt Ion:164 Resp: 196506
Ion Ratio Lower Upper
164 100
166 128.5 102.9 154.3
129 86.9 68.6 102.8
131 83.7 66.8 100.2

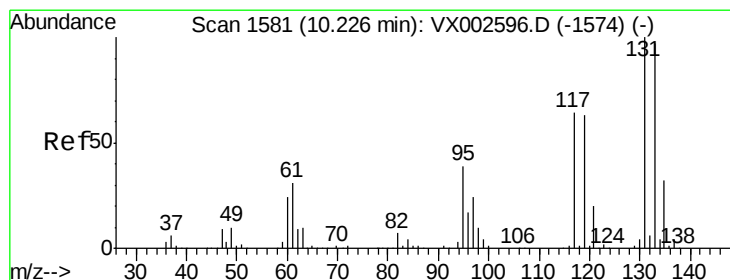
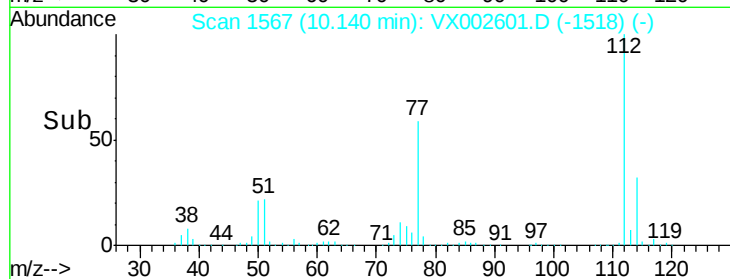
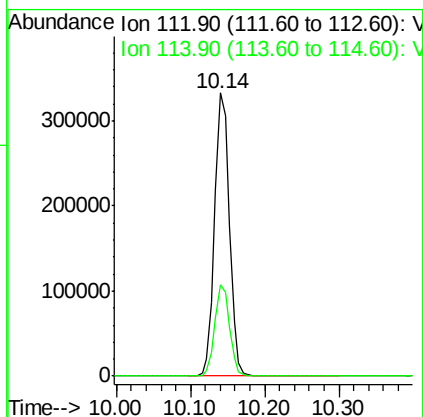
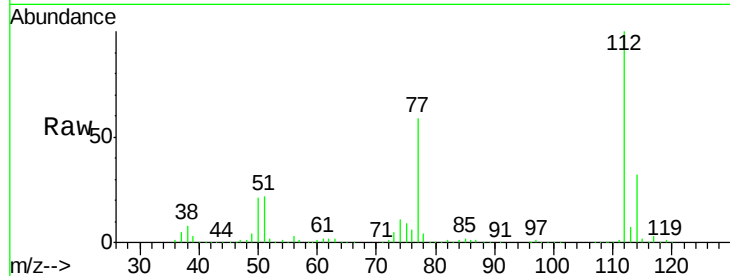




#65
Chlorobenzene
Concen: 55.05 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002601.D
Acq: 15 Jun 2018 17:12

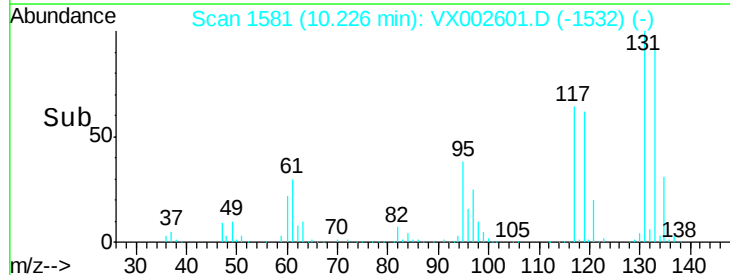
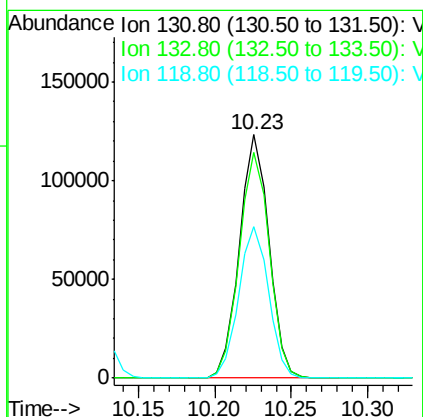
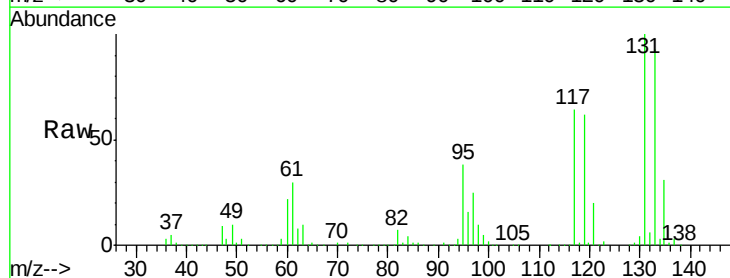
Instrument :
MSVOA_X
ClientSampleId :

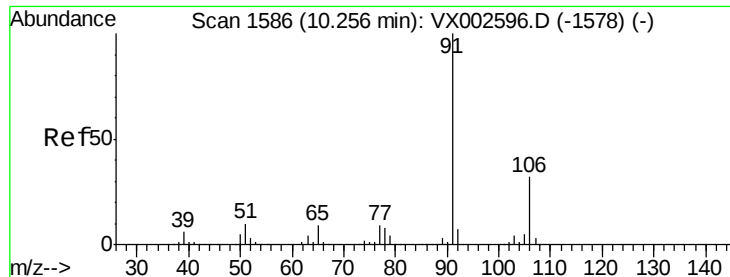
Tot Ion:112 Resp: 452636
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 58.91 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002601.D
Acq: 15 Jun 2018 17:12

Tgt Ion:131 Resp: 165139
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.6
119 63.3 31.8 95.3

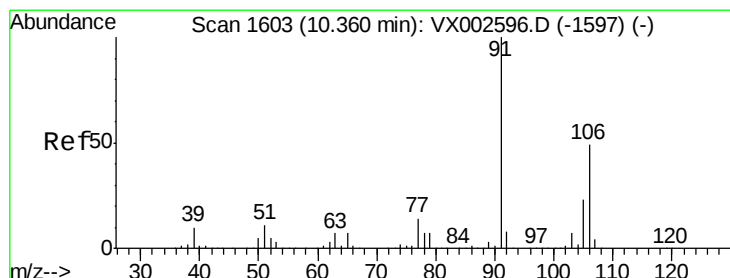
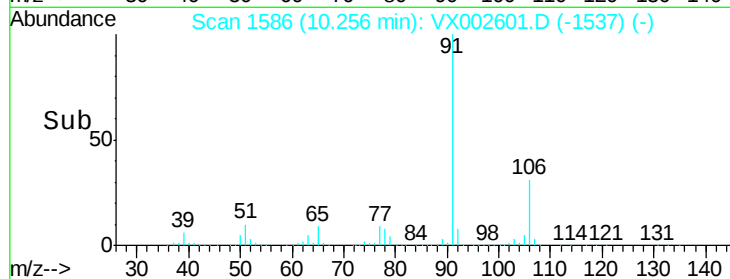
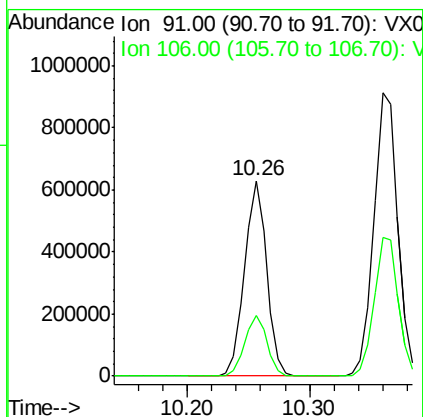
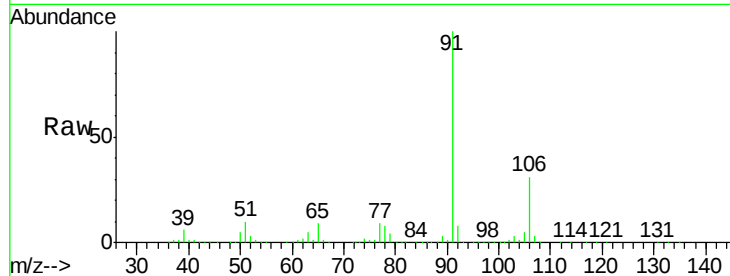




#67
Ethyl Benzene
Concen: 57.00 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002601.D
Acq: 15 Jun 2018 17:12

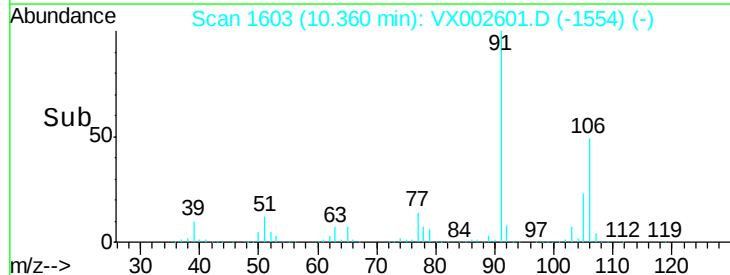
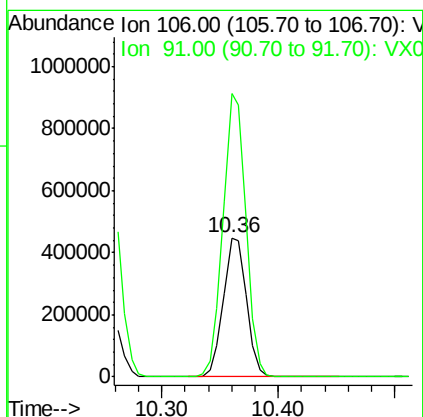
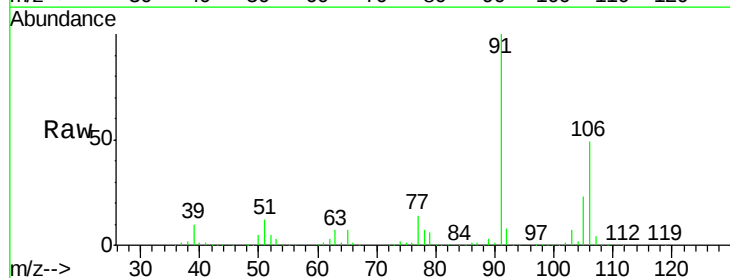
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 91 Resp: 790442
Ion Ratio Lower Upper
91 100
106 30.9 25.5 38.3



#68
m/p-Xylenes
Concen: 114.82 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002601.D
Acq: 15 Jun 2018 17:12

Tgt Ion: 106 Resp: 614255
Ion Ratio Lower Upper
106 100
91 202.2 163.4 245.2

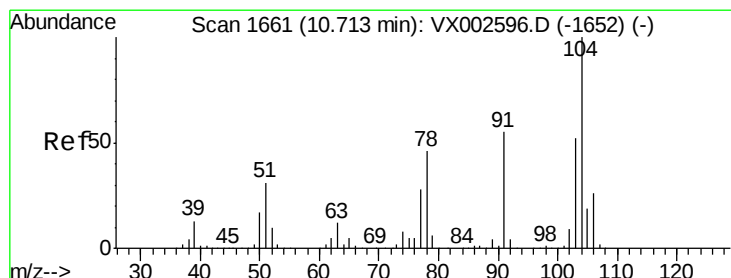
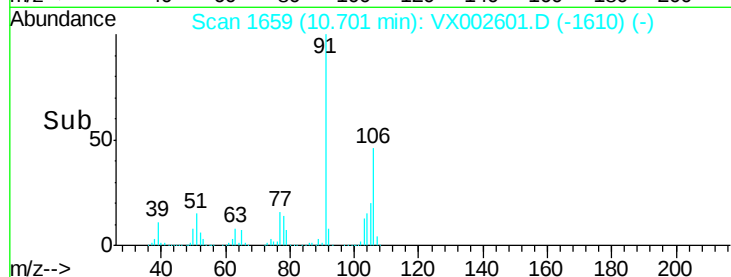
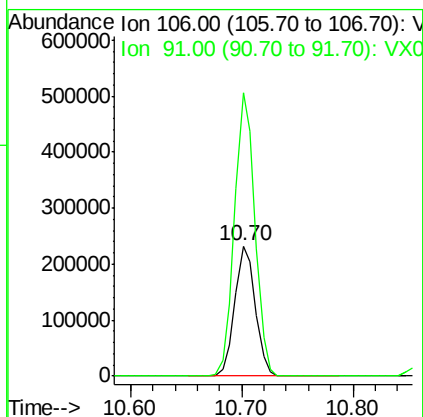
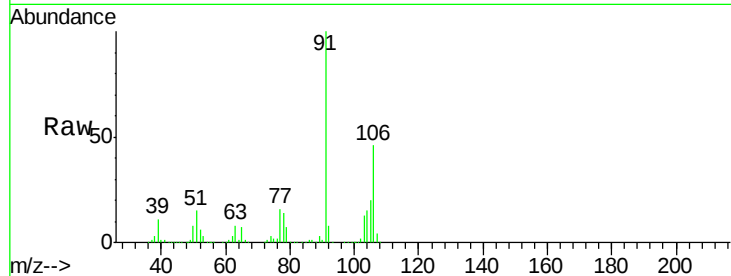




#69
o-Xylene
Concen: 56.34 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002601.D
Acq: 15 Jun 2018 17:12

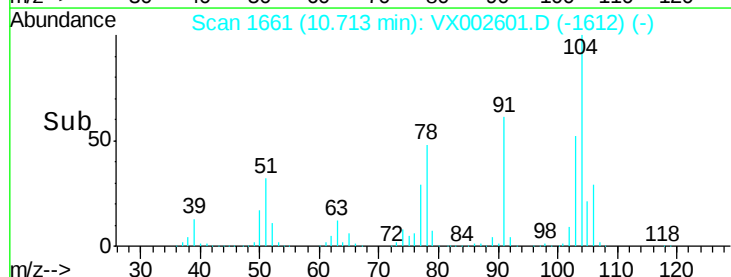
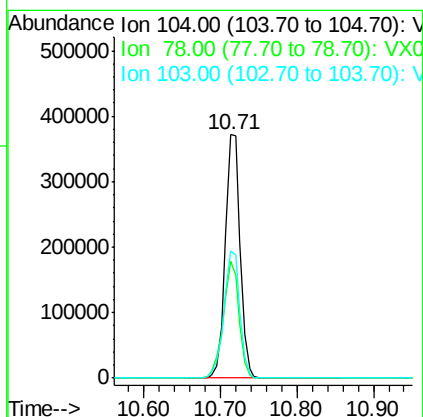
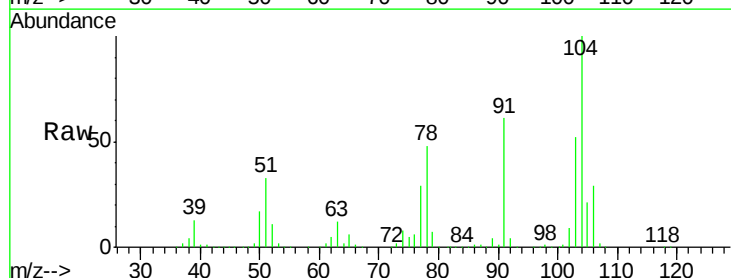
Instrument :
MSVOA_X
ClientSampled :

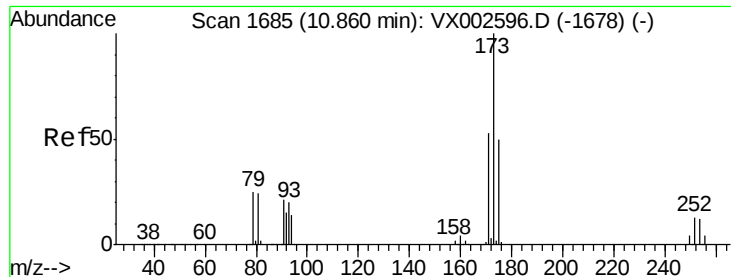
Tot Ion:106 Resp: 296130
Ion Ratio Lower Upper
106 100
91 216.6 108.2 324.6



#70
Styrene
Concen: 57.65 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002601.D
Acq: 15 Jun 2018 17:12

Tgt Ion:104 Resp: 498291
Ion Ratio Lower Upper
104 100
78 50.6 41.0 61.6
103 55.8 44.2 66.4

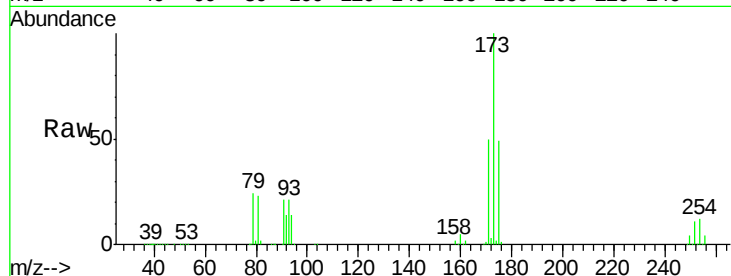




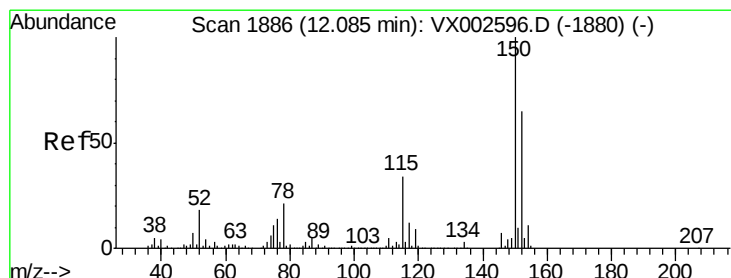
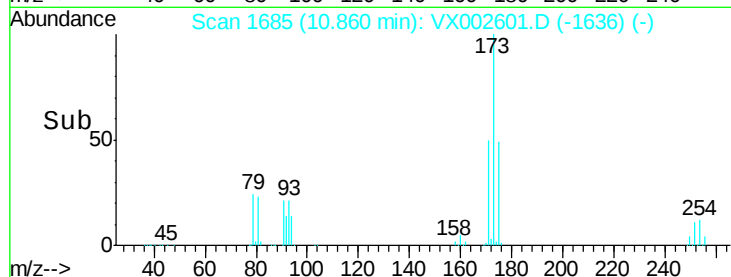
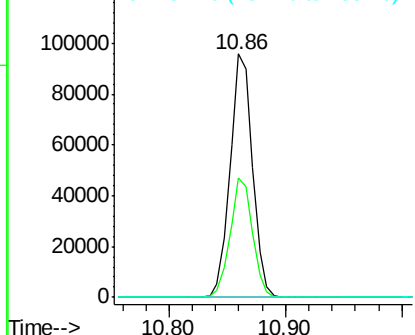
#71
Bromoform
Concen: 50.02 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002601.D
Acq: 15 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 127653
Ion Ratio Lower Upper
173 100
175 49.0 24.7 74.1
254 0.2 0.2 0.2

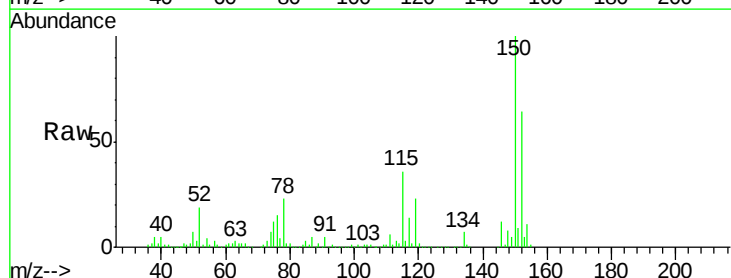


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

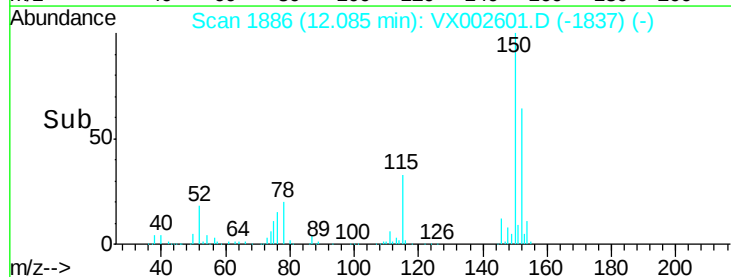
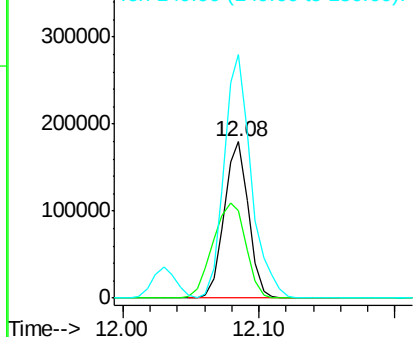


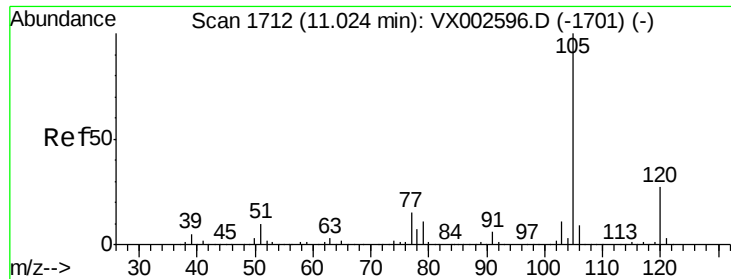
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002601.D
Acq: 15 Jun 2018 17:12

Tgt Ion:152 Resp: 220974
Ion Ratio Lower Upper
152 100
115 82.1 40.1 120.2
150 174.5 0.0 347.2



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





#73

Isopropylbenzene

Concen: 55.77 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

Instrument :

MSVOA_X

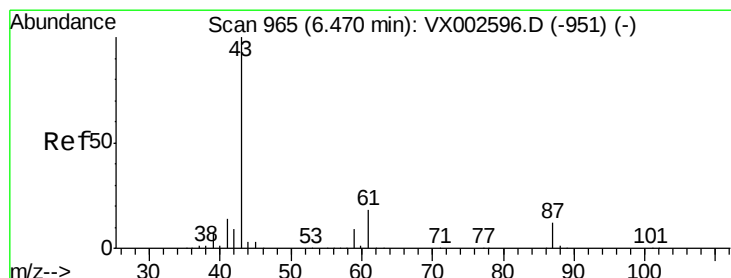
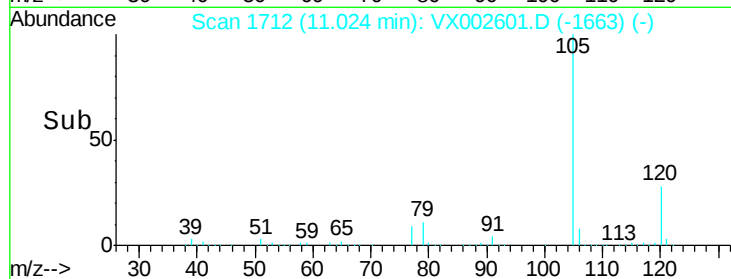
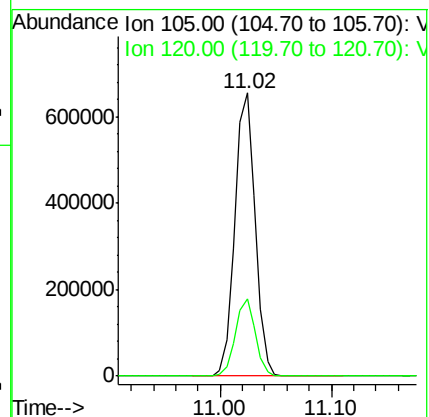
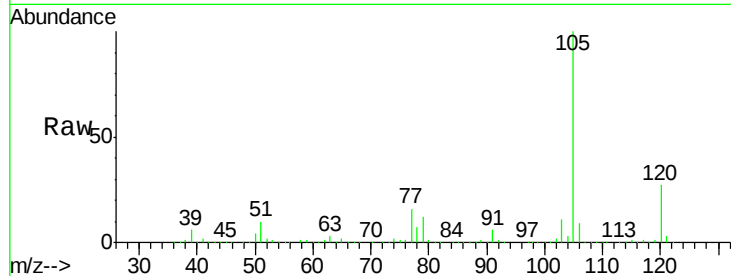
ClientSampleId :

Tot Ion:105 Resp: 824165

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4



#74

N-ethyl acetate

Concen: 50.89 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

Tgt Ion: 43 Resp: 373716

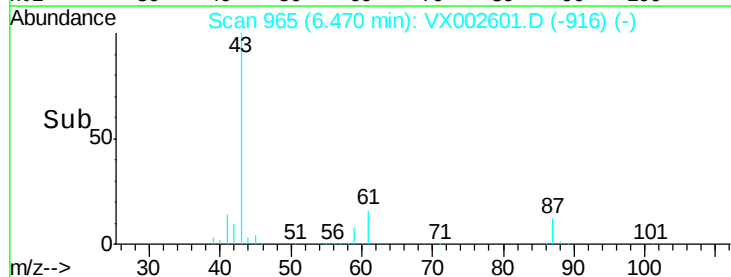
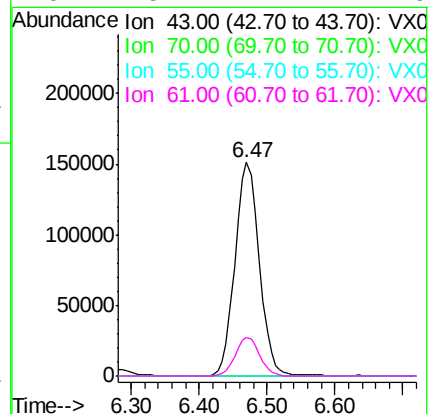
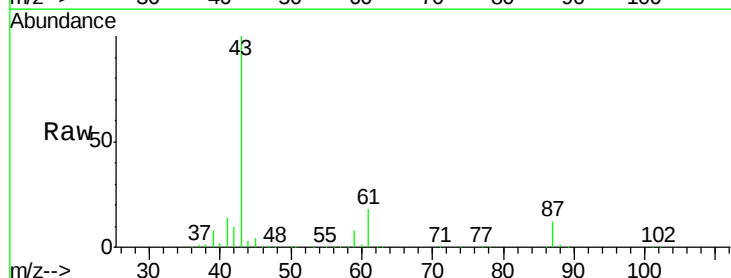
Ion Ratio Lower Upper

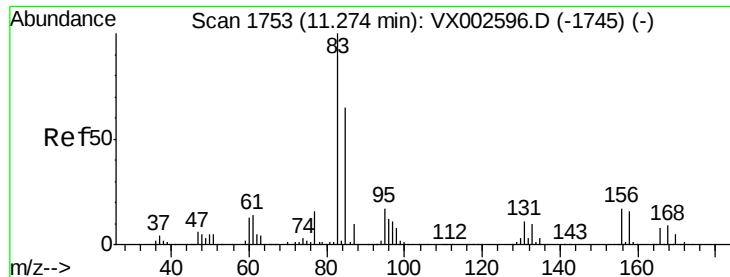
43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 18.1 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.82 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

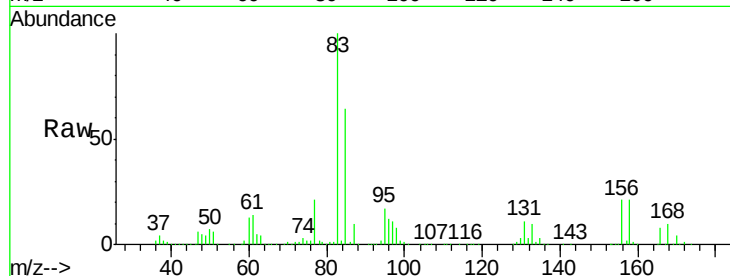
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 83 Resp: 230505

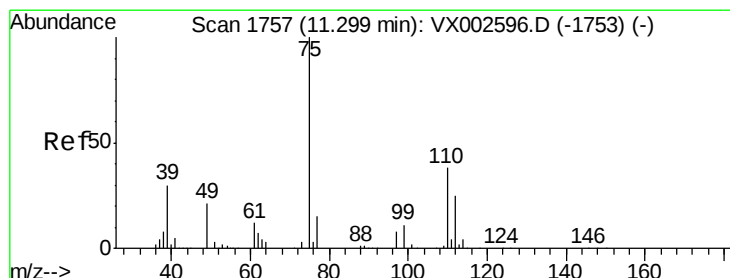
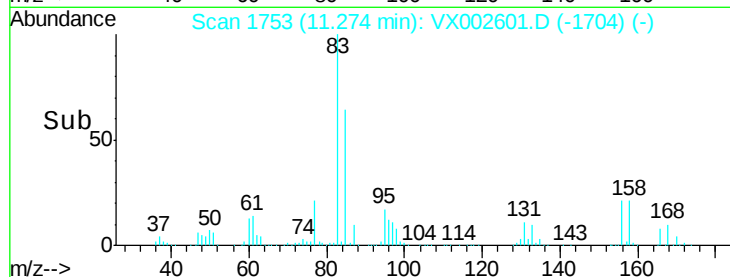
Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.6	16.8
85	64.3	32.4	97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 66.63 ug/l

RT: 11.30 min Scan# 1757

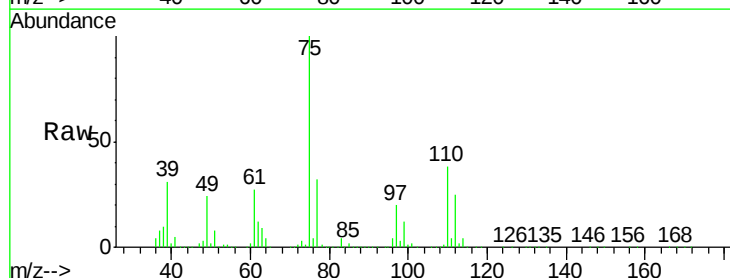
Delta R.T. 0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

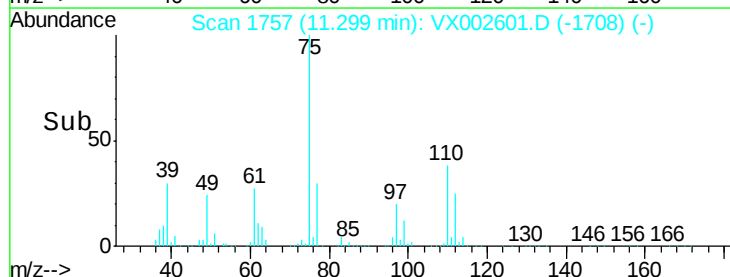
Tgt Ion: 75 Resp: 277820

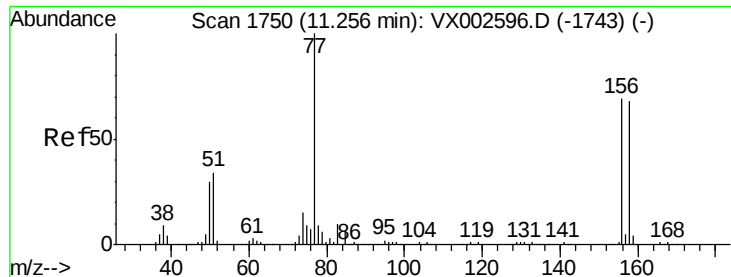
Ion	Ratio	Lower	Upper
75	100		
77	31.9	22.8	68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.95 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

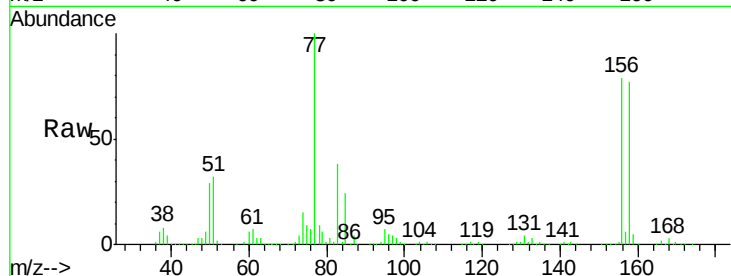
Tot Ion:156 Resp: 222123

Ion Ratio Lower Upper

156 100

77 138.3 71.4 214.2

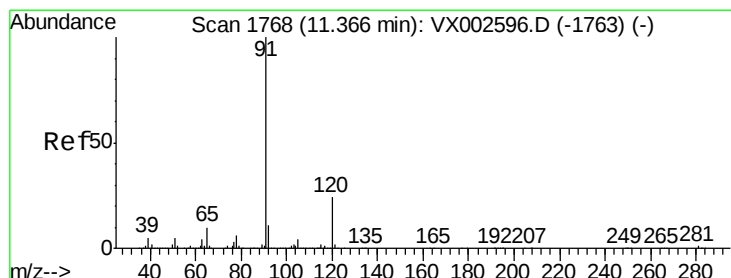
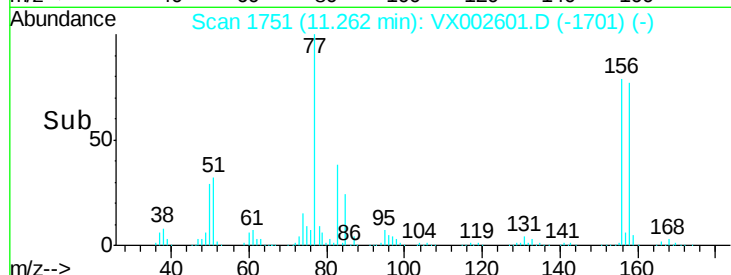
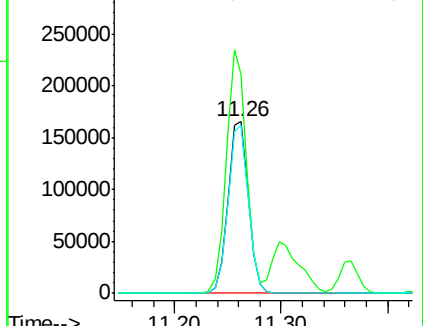
158 97.0 48.9 146.6



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: 56.74 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002601.D

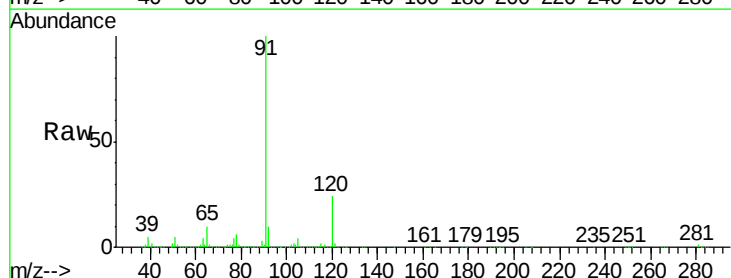
Acq: 15 Jun 2018 17:12

Tgt Ion: 91 Resp: 961718

Ion Ratio Lower Upper

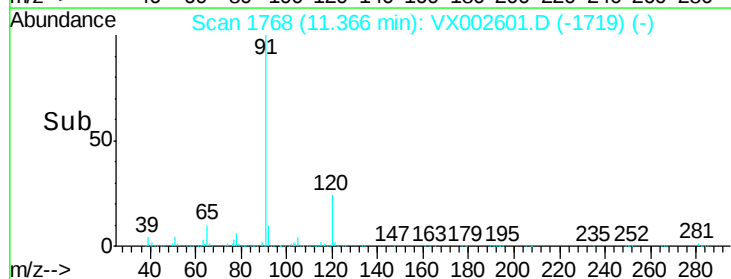
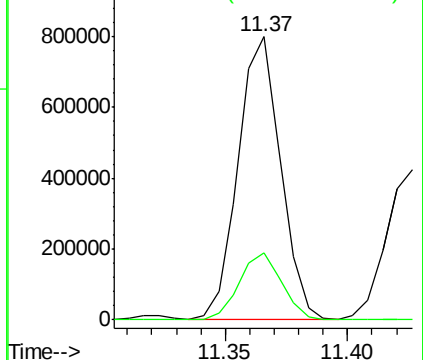
91 100

120 23.7 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: 53.84 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

Instrument :

MSVOA_X

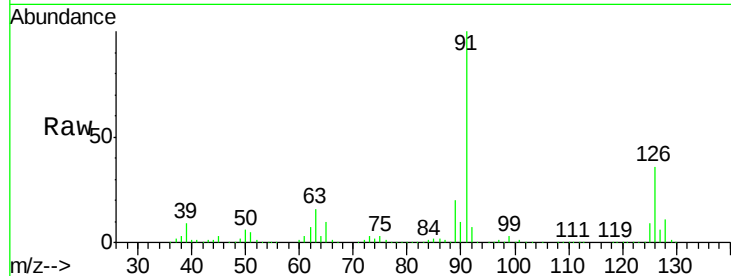
ClientSampleId :

Tot Ion: 91 Resp: 544868

Ion Ratio Lower Upper

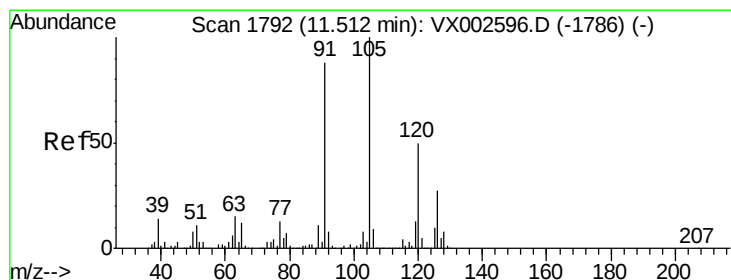
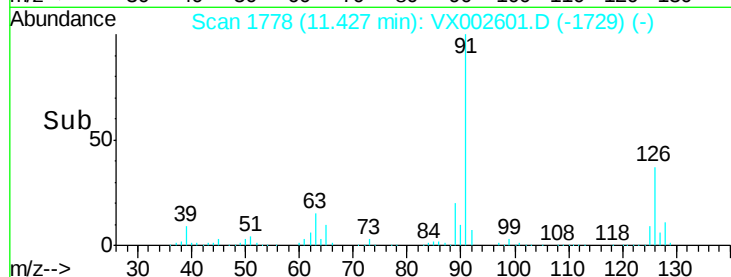
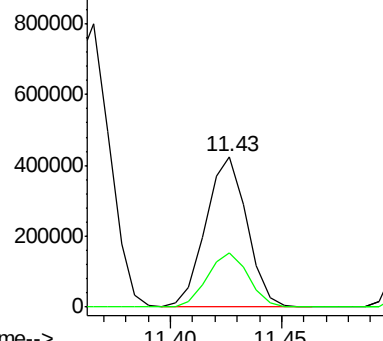
91 100

126 36.1 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 56.06 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002601.D

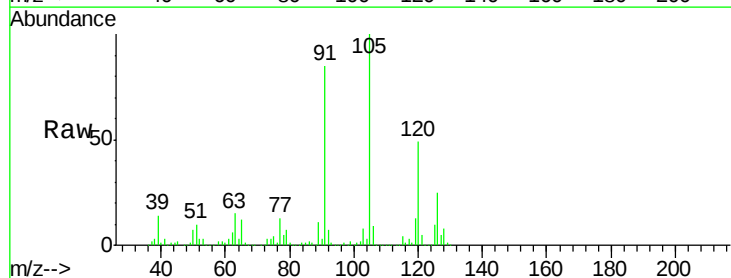
Acq: 15 Jun 2018 17:12

Tgt Ion:105 Resp: 700135

Ion Ratio Lower Upper

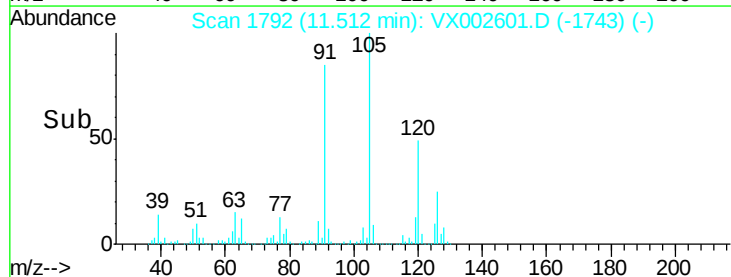
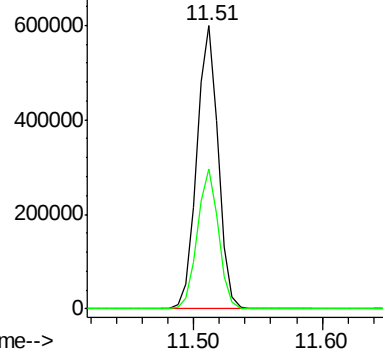
105 100

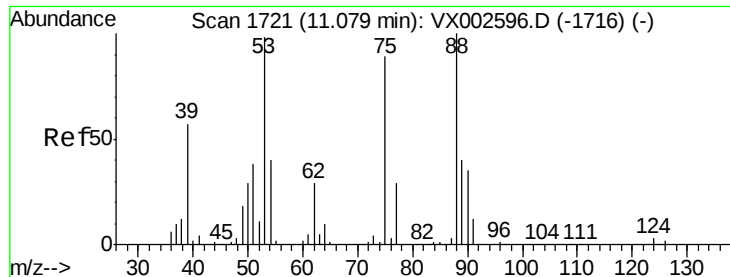
120 49.0 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 50.72 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

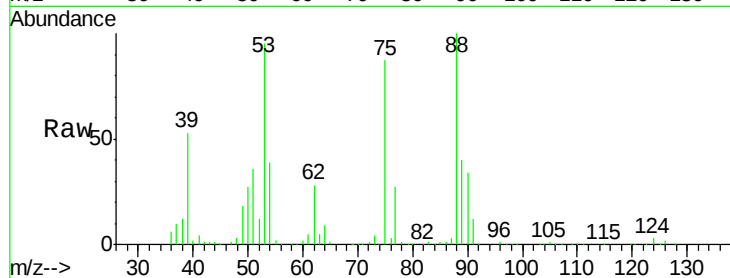
Tot Ion: 75 Resp: 66176

Ion Ratio Lower Upper

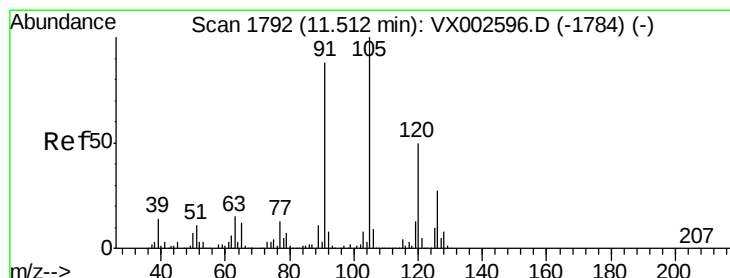
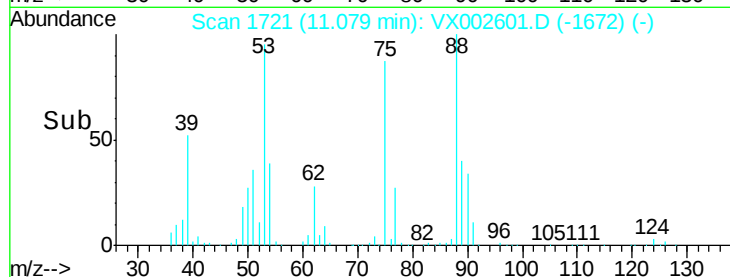
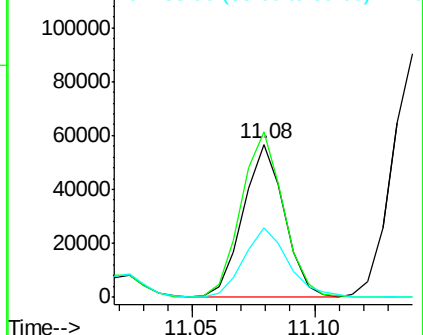
75 100

53 111.6 86.8 130.2

89 49.8 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: 55.14 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002601.D

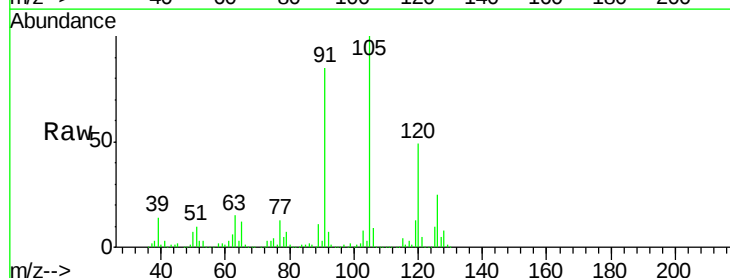
Acq: 15 Jun 2018 17:12

Tgt Ion: 91 Resp: 658441

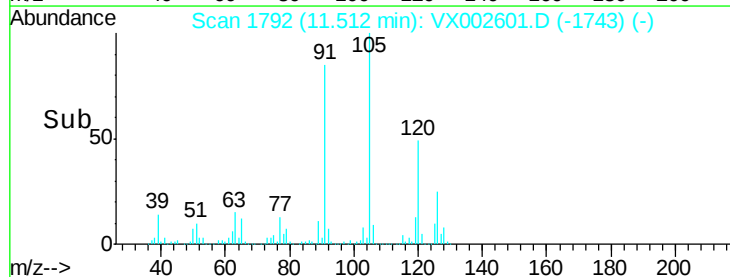
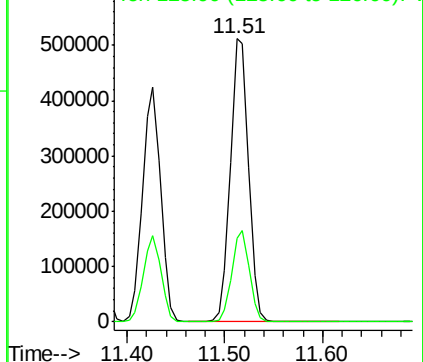
Ion Ratio Lower Upper

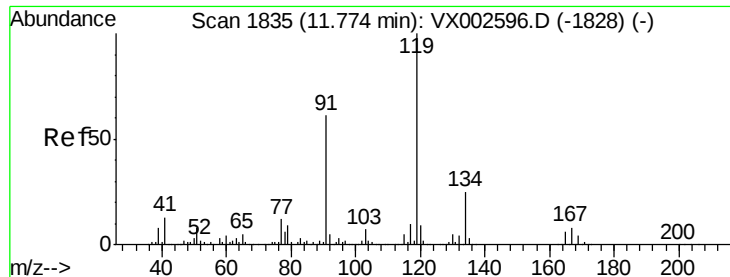
91 100

126 31.2 15.4 46.4



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

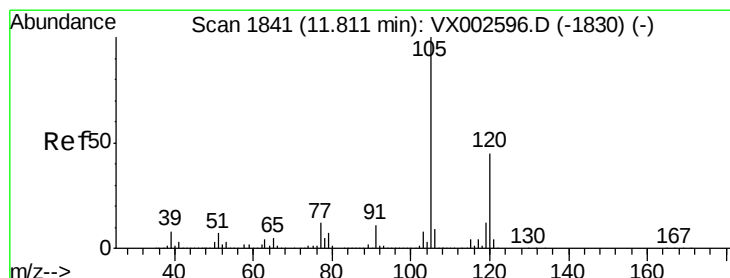
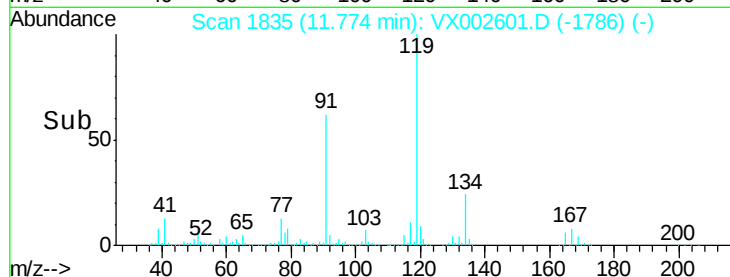
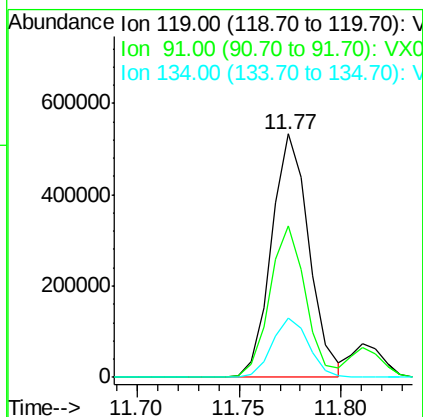
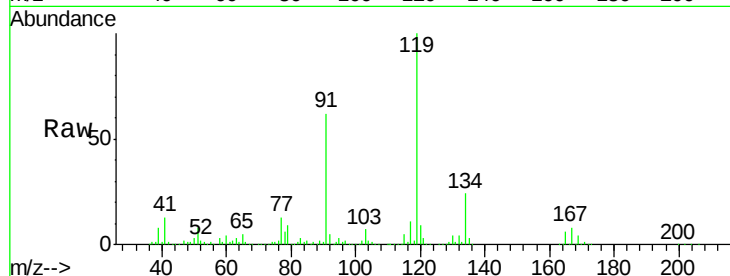




#83
tert-Butylbenzene
Concen: 56.90 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002601.D
Acq: 15 Jun 2018 17:12

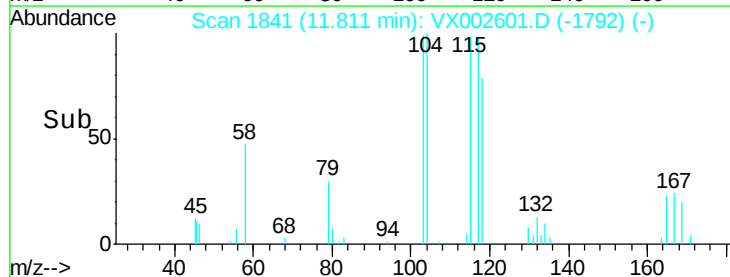
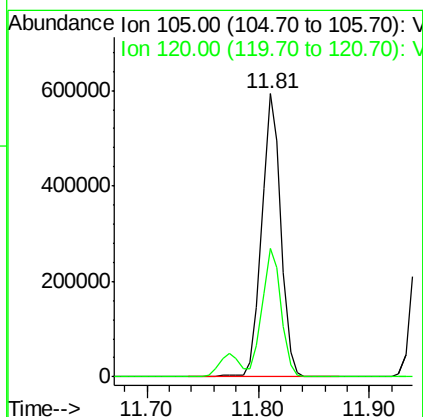
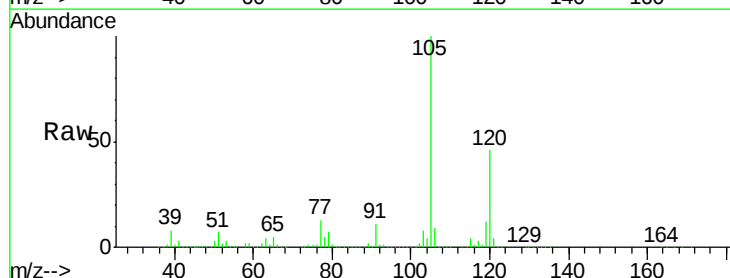
Instrument :
MSVOA_X
ClientSampleId :

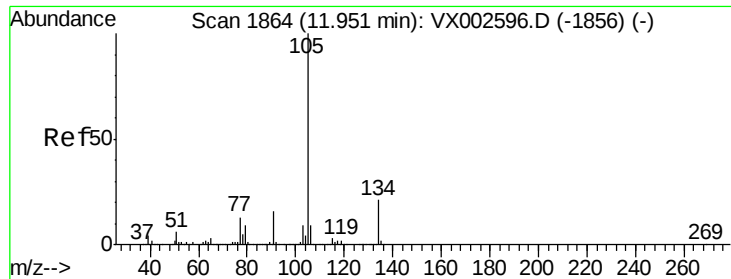
Tot Ion:119 Resp: 684572
Ion Ratio Lower Upper
119 100
91 59.8 30.3 90.9
134 23.8 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 56.30 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002601.D
Acq: 15 Jun 2018 17:12

Tgt Ion:105 Resp: 717571
Ion Ratio Lower Upper
105 100
120 44.7 22.3 66.8





#85

sec-Butylbenzene

Concen: 57.66 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

Instrument :

MSVOA_X

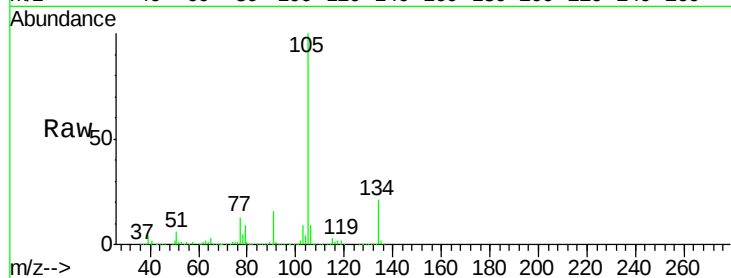
ClientSampleId :

Tot Ion:105 Resp: 862725

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

600000

400000

200000

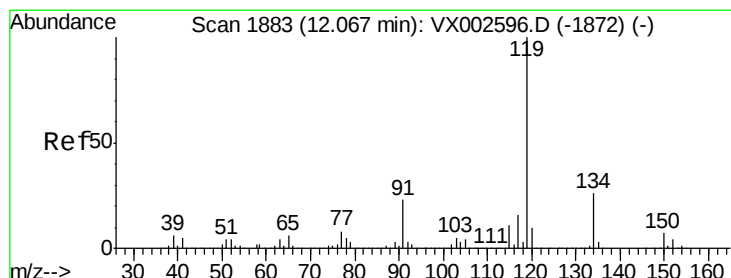
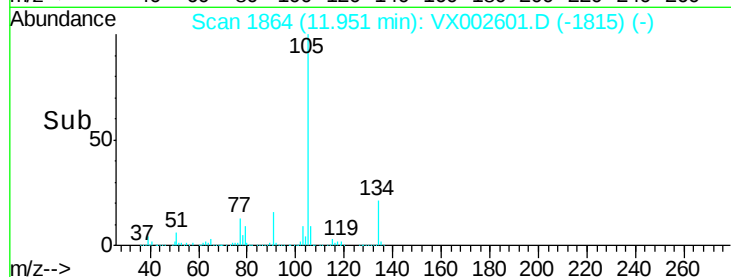
0

11.95

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 57.83 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

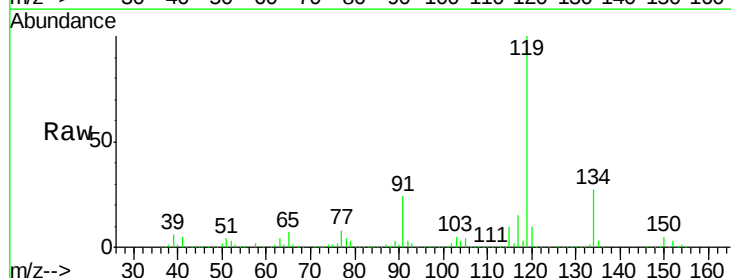
Tgt Ion:119 Resp: 782776

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 23.9 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

800000

600000

400000

200000

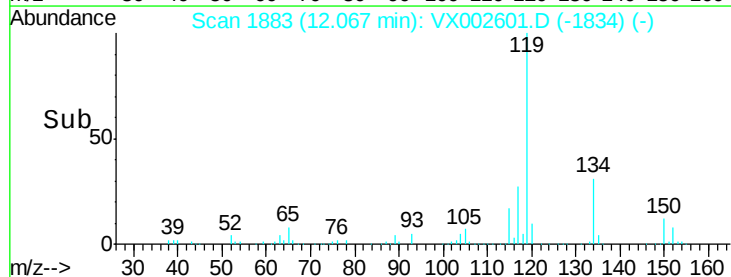
0

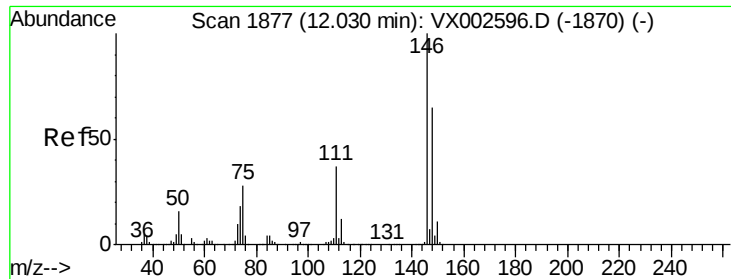
12.07

12.00

12.10

Time-->

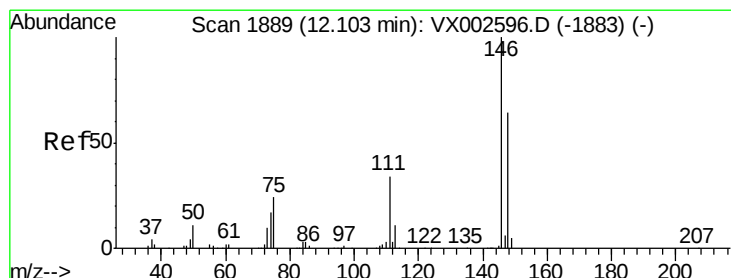
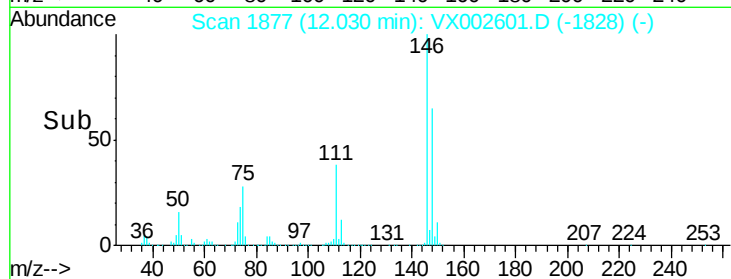
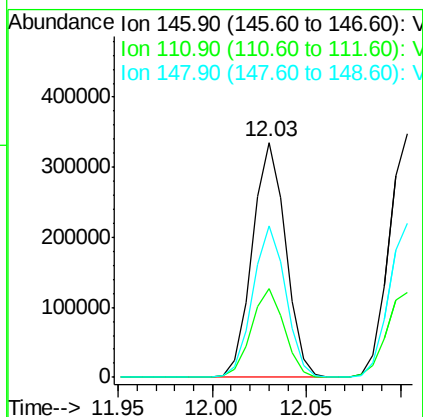
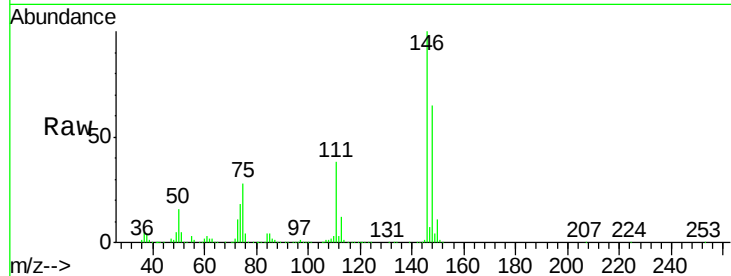




#87
 1,3-Dichlorobenzene
 Concen: 54.17 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002601.D
 Acq: 15 Jun 2018 17:12

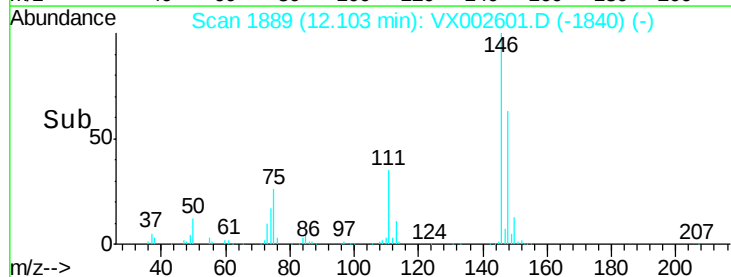
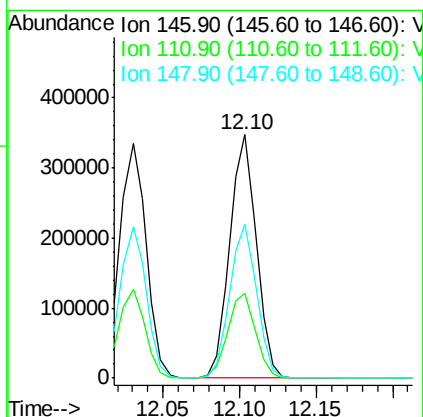
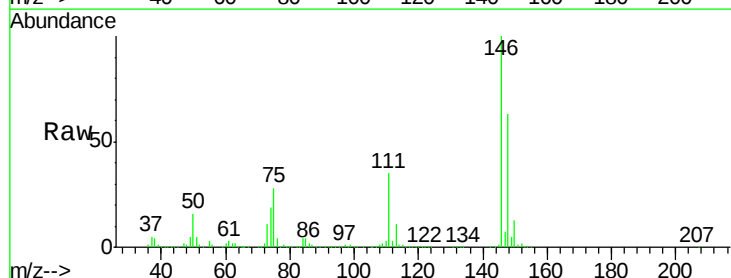
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.9	56.7
148	63.9	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 55.01 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002601.D
 Acq: 15 Jun 2018 17:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.7	56.1
148	63.6	32.4	97.0





#89

n-Butylbenzene

Concen: 59.13 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

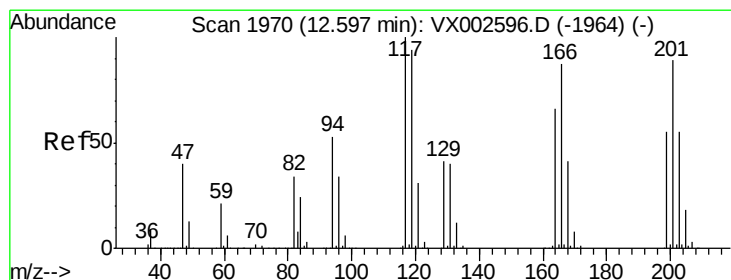
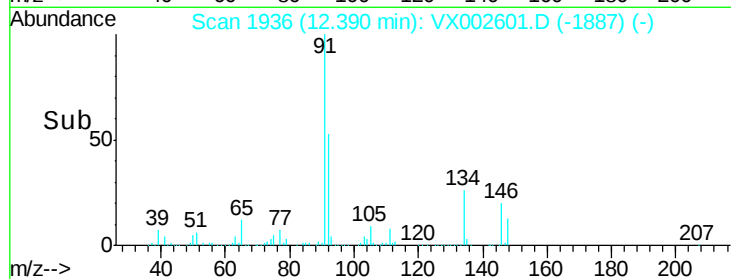
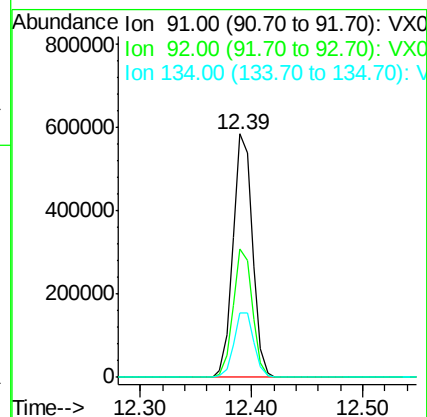
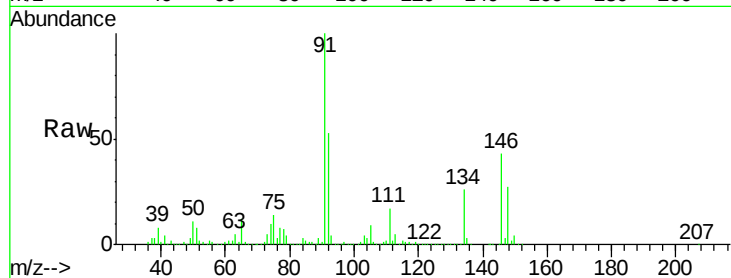
Tot Ion: 91 Resp: 706124

Ion Ratio Lower Upper

91 100

92 52.1 26.0 78.0

134 27.1 13.5 40.5



#90

Hexachloroethane

Concen: 54.75 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VX002601.D

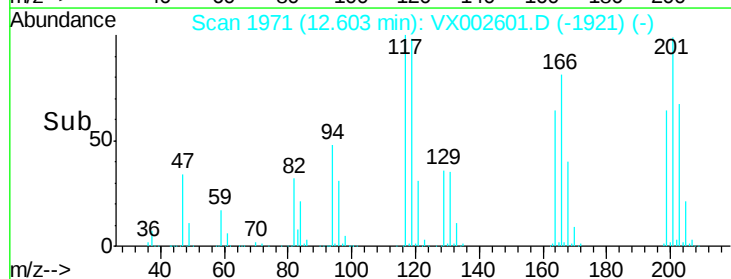
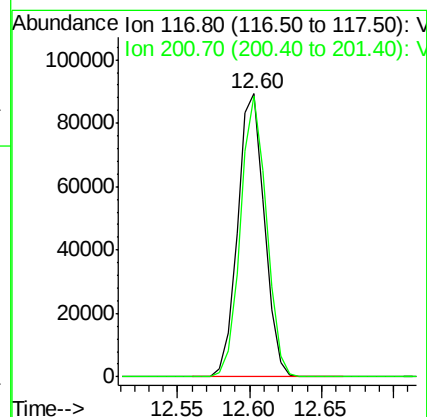
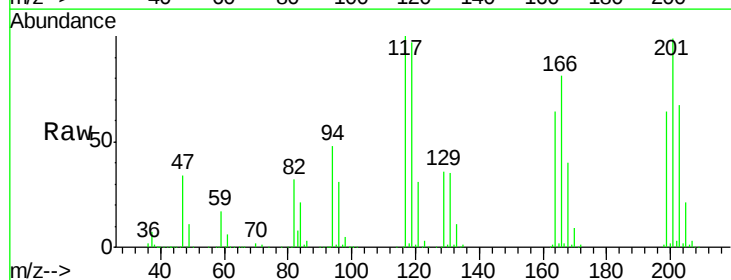
Acq: 15 Jun 2018 17:12

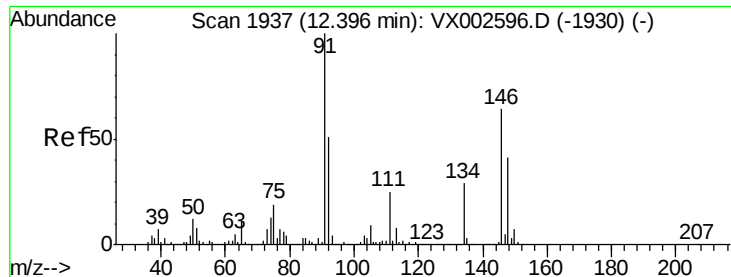
Tgt Ion: 117 Resp: 116093

Ion Ratio Lower Upper

117 100

201 95.6 49.0 147.0

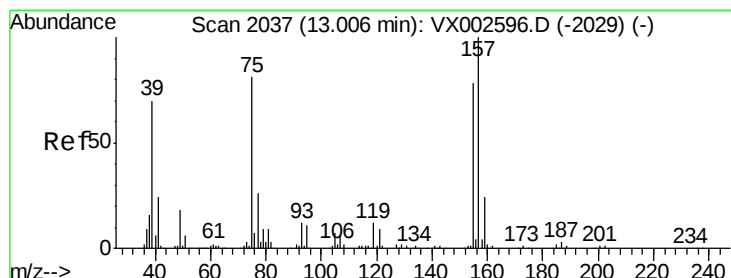
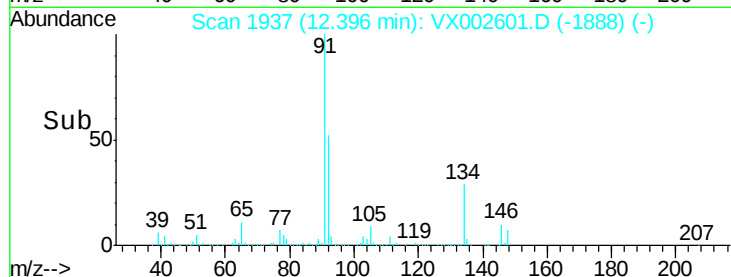
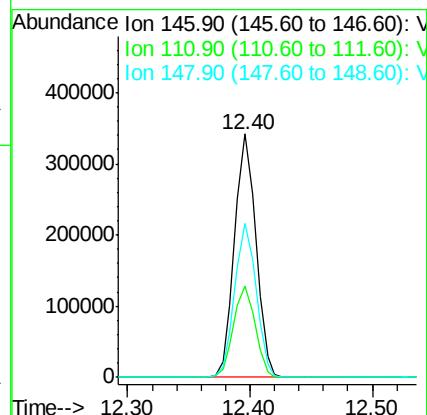
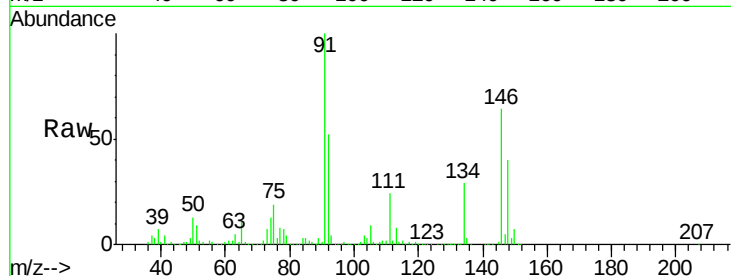




#91
1,2-Dichlorobenzene
Concen: 54.19 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX002601.D
Acq: 15 Jun 2018 17:12

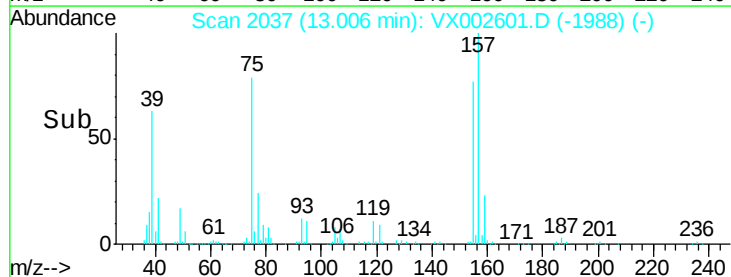
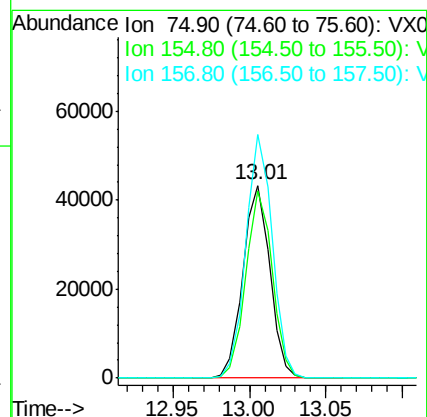
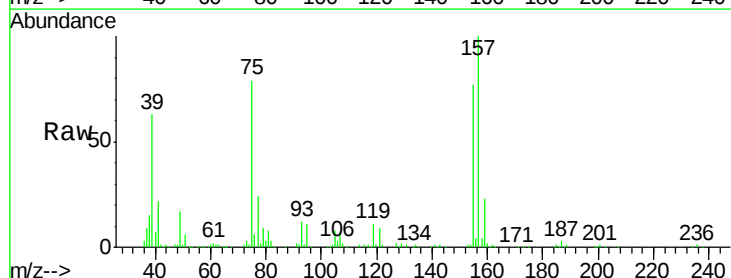
Instrument :
MSVOA_X
ClientSampleId :

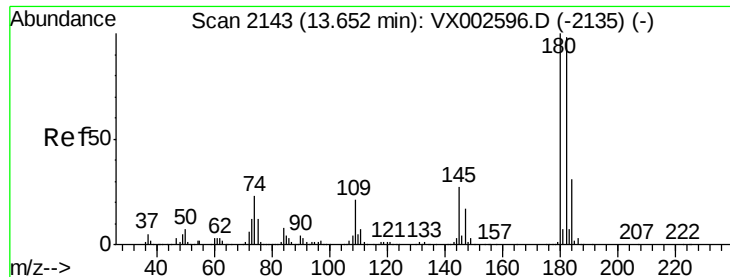
Tot Ion:146 Resp: 411833
Ion Ratio Lower Upper
146 100
111 38.1 19.4 58.1
148 63.7 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 58.03 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. -0.00 min
Lab File: VX002601.D
Acq: 15 Jun 2018 17:12

Tgt Ion: 75 Resp: 53051
Ion Ratio Lower Upper
75 100
155 95.5 45.8 137.4
157 123.4 60.1 180.3

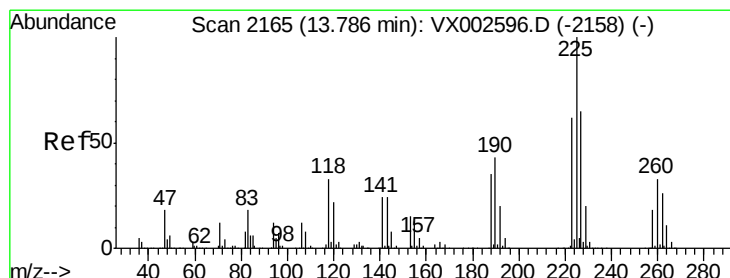
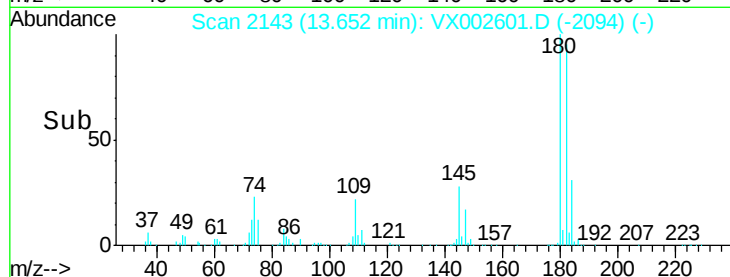
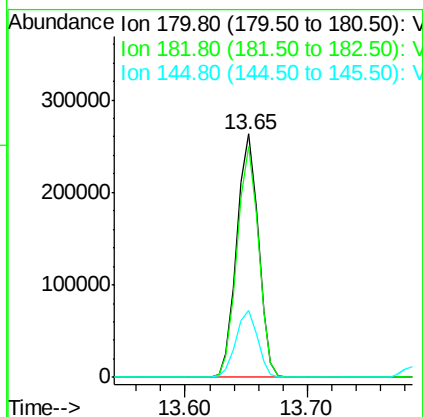
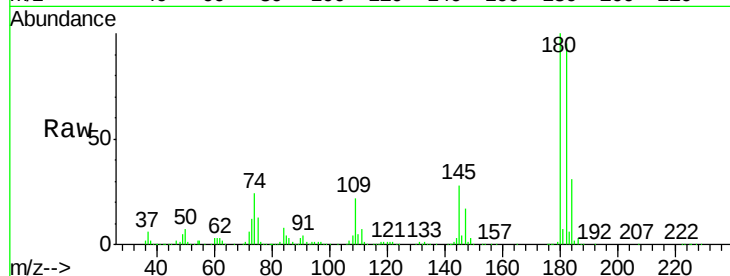




#93
 1,2,4-Trichlorobenzene
 Concen: 57.77 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002601.D
 Acq: 15 Jun 2018 17:12

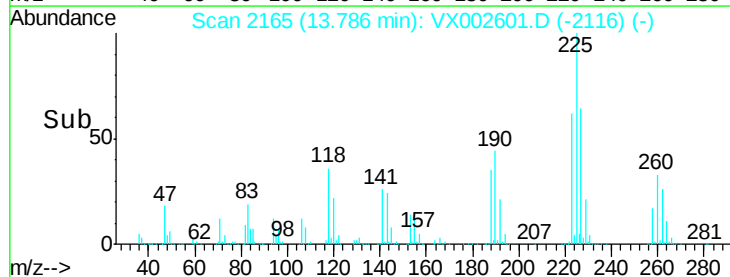
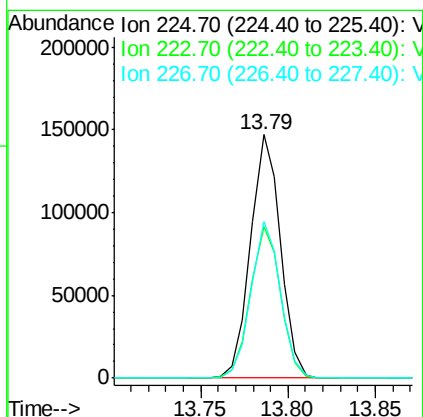
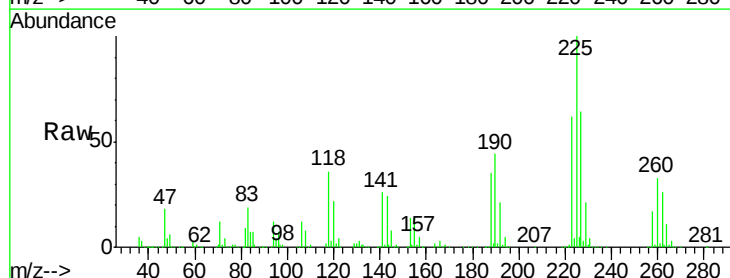
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 318612
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.7 143.1
 145 27.7 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 60.52 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002601.D
 Acq: 15 Jun 2018 17:12

Tgt Ion:225 Resp: 175850
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.6 95.0
 227 63.2 32.4 97.2





#95

Naphthalene

Concen: 56.70 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

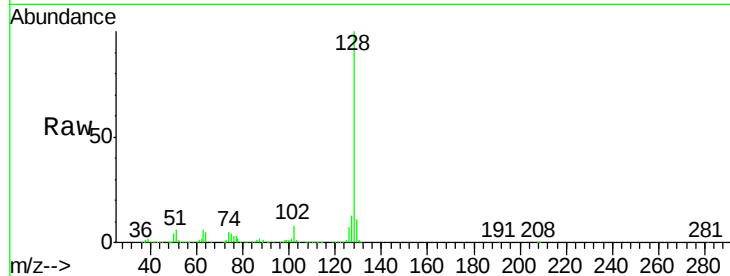
Tot Ion:128 Resp: 841587

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.9 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

13.84

800000

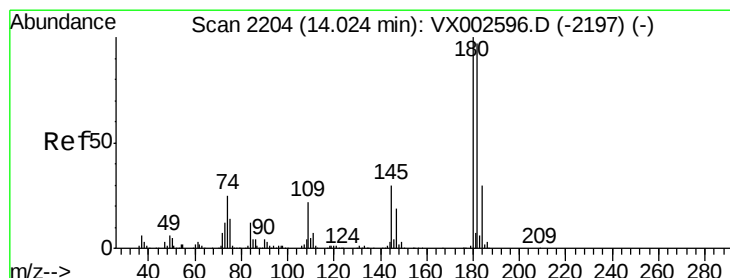
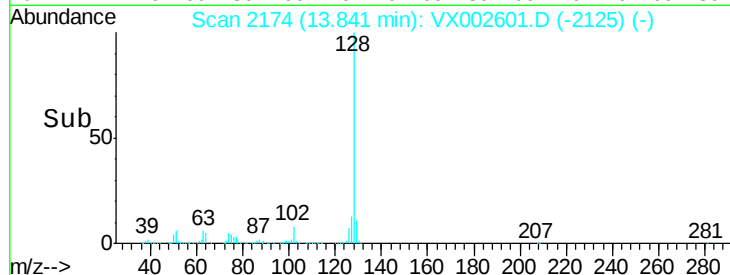
600000

400000

200000

0

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 56.94 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002601.D

Acq: 15 Jun 2018 17:12

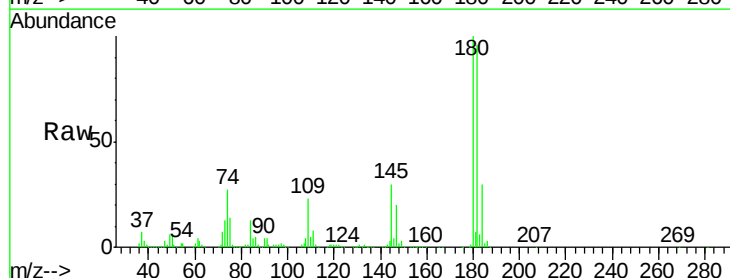
Tgt Ion:180 Resp: 315431

Ion Ratio Lower Upper

180 100

182 95.1 48.0 144.0

145 29.2 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

14.02

300000

200000

100000

0

Time-->

