

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061918\
 Data File : VX002742.D
 Acq On : 20 Jun 2018 05:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 20 07:04:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	229211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	327887	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	202763	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	156771	45.01	ug/l	0.00
Spiked Amount			Recovery	=	90.02%	
35) Dibromofluoromethane	5.51	113	125362	47.91	ug/l	0.00
Spiked Amount			Recovery	=	95.82%	
50) Toluene-d8	8.72	98	462194	46.52	ug/l	0.00
Spiked Amount			Recovery	=	93.04%	
62) 4-Bromofluorobenzene	11.14	95	177278	47.08	ug/l	0.00
Spiked Amount			Recovery	=	94.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	118876	48.85	ug/l	98
3) Chloromethane	1.32	50	124747	43.10	ug/l	100
4) Vinyl Chloride	1.41	62	136763	45.53	ug/l	96
5) Bromomethane	1.64	94	63146	34.84	ug/l	99
6) Chloroethane	1.71	64	90936	45.93	ug/l	100
7) Trichlorofluoromethane	1.93	101	235496	48.26	ug/l	99
8) Diethyl Ether	2.19	74	83644	45.06	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	128231	47.01	ug/l	100
10) Methyl Iodide	2.51	142	123319	35.21	ug/l	98
11) Tert butyl alcohol	3.09	59	163901	227.62	ug/l	99
12) 1,1-Dichloroethene	2.37	96	118395	46.23	ug/l	99
13) Acrolein	2.30	56	95118	280.90	ug/l	98
14) Allyl chloride	2.73	41	223200	43.89	ug/l	99
15) Acrylonitrile	3.15	53	355635	226.33	ug/l	99
16) Acetone	2.45	43	339211	220.74	ug/l	99
17) Carbon Disulfide	2.57	76	307637	50.65	ug/l	99
18) Methyl Acetate	2.78	43	191186	46.70	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	431359	44.90	ug/l	99
20) Methylene Chloride	2.86	84	132294	41.99	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	125934	45.33	ug/l	100
22) Diisopropyl ether	3.88	45	426504	46.36	ug/l	97
23) Vinyl Acetate	3.83	43	1812359	235.36	ug/l	100
24) 1,1-Dichloroethane	3.70	63	230654	46.19	ug/l	100
25) 2-Butanone	4.71	43	485705	240.67	ug/l	97
26) 2,2-Dichloropropane	4.59	77	106021	29.55	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	138055	48.83	ug/l	89
28) Bromochloromethane	5.03	49	106131	45.38	ug/l	95
29) Tetrahydrofuran	5.17	42	318542	240.84	ug/l	97
30) Chloroform	5.22	83	240935	50.04	ug/l	98
31) Cyclohexane	5.58	56	198668	48.32	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	211344	52.48	ug/l	100
36) 1,1-Dichloropropene	5.80	75	172131	49.43	ug/l	99
37) Ethyl Acetate	4.87	43	193068	48.98	ug/l	99
38) Carbon Tetrachloride	5.79	117	189569	54.67	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	195608	48.05	ug/l	97
40) Benzene	6.15	78	516292	49.44	ug/l	99
41) Methacrylonitrile	5.07	41	108637	48.82	ug/l	98
42) 1,2-Dichloroethane	6.20	62	201195	49.77	ug/l	100
43) Isopropyl Acetate	6.47	43	316368	48.45	ug/l	99
44) Trichloroethene	7.22	130	149033	49.45	ug/l	97
45) 1,2-Dichloropropane	7.52	63	133346	48.52	ug/l	97
46) Dibromomethane	7.66	93	94363	51.33	ug/l	99
47) Bromodichloromethane	7.90	83	174669	53.87	ug/l	98
48) Methyl methacrylate	7.78	41	164912	49.42	ug/l	99
49) 1,4-Dioxane	7.76	88	65369	1034.36	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1044805	249.18	ug/l	99
52) Toluene	8.79	92	334201	50.17	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	189597	44.45	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	176665	43.59	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	136821	50.84	ug/l	99
56) Ethyl methacrylate	9.18	69	207312	50.05	ug/l	98
57) 1,3-Dichloropropane	9.38	76	223901	49.19	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	450355	224.80	ug/l	98
59) 2-Hexanone	9.50	43	792580	250.85	ug/l	98
60) Dibromochloromethane	9.59	129	145072	48.07	ug/l	100
61) 1,2-Dibromoethane	9.68	107	145061	52.04	ug/l	100
64) Tetrachloroethene	9.34	164	170677	48.26	ug/l	99
65) Chlorobenzene	10.14	112	386620	49.41	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	142566	53.44	ug/l	99
67) Ethyl Benzene	10.26	91	660484	50.04	ug/l	98
68) m/p-Xylenes	10.36	106	508658	99.91	ug/l	100
69) o-Xylene	10.70	106	248380	49.65	ug/l	100
70) Styrene	10.71	104	421015	51.18	ug/l	99
71) Bromoform	10.86	173	112639	46.73	ug/l	99
73) Isopropylbenzene	11.02	105	671346	49.51	ug/l	100
74) N-amyl acetate	6.47	43	316368	46.95	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	206042	51.45	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	226063	59.08	ug/l	79
77) Bromobenzene	11.26	156	187838	49.72	ug/l	97
78) n-propylbenzene	11.37	91	761212	48.94	ug/l	100
79) 2-Chlorotoluene	11.43	91	456178	49.13	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	570667	49.79	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	44659	38.41	ug/l	95
82) 4-Chlorotoluene	11.51	91	540702	49.35	ug/l	99
83) tert-Butylbenzene	11.77	119	556208	50.38	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	586268	50.13	ug/l	100
85) sec-Butylbenzene	11.95	105	675223	49.19	ug/l	100
86) p-Isopropyltoluene	12.07	119	607629	48.92	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	341823	49.34	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	343461	48.72	ug/l	99
89) n-Butylbenzene	12.39	91	514310	46.94	ug/l	100
90) Hexachloroethane	12.60	117	87582	45.48	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	345713	49.58	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	45858	54.67	ug/l	95

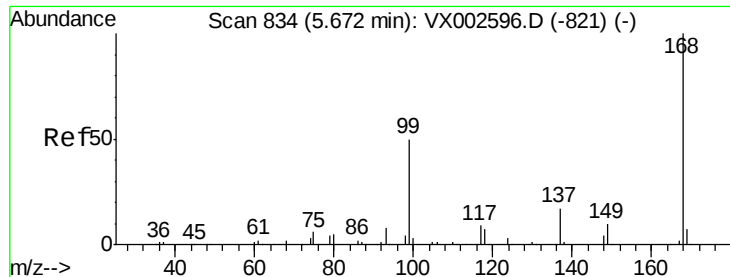
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061918\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	246232	48.65	ug/l	100
94) Hexachlorobutadiene	13.79	225	122469	45.94	ug/l	100
95) Naphthalene	13.84	128	712946	52.35	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	254937	50.15	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

Instrument :

MSVOA_X

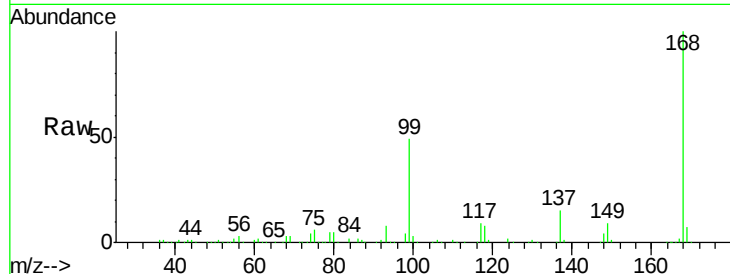
ClientSampleId :

Tot Ion:168 Resp: 229211

Ion Ratio Lower Upper

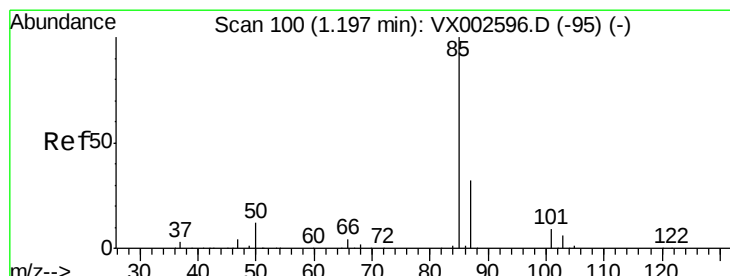
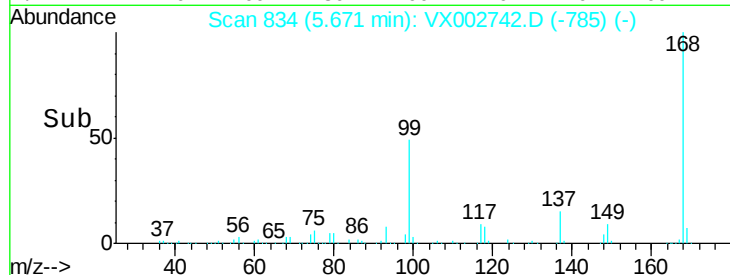
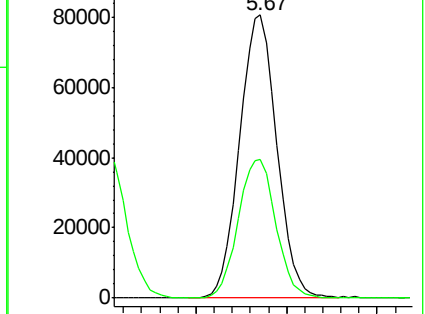
168 100

99 48.7 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: 48.85 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002742.D

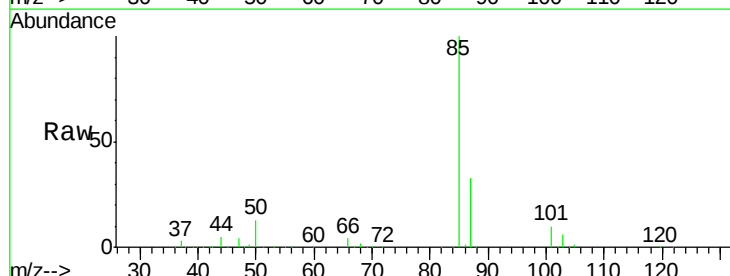
Acq: 20 Jun 2018 05:21

Tgt Ion: 85 Resp: 118876

Ion Ratio Lower Upper

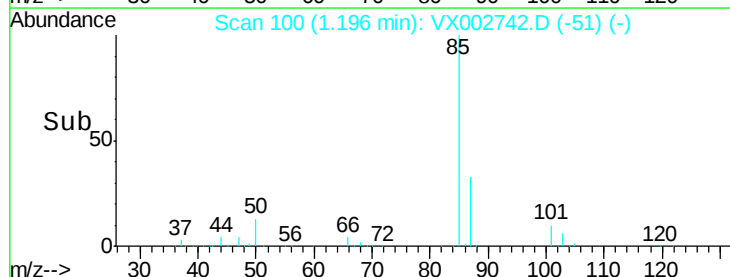
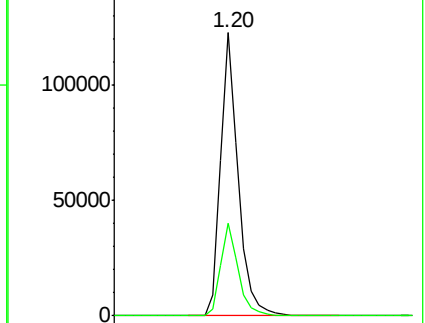
85 100

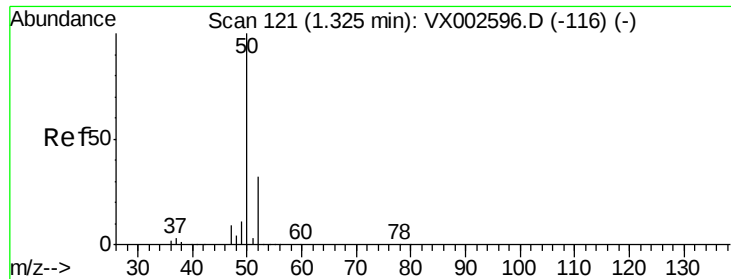
87 32.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 43.10 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

Instrument :

MSVOA_X

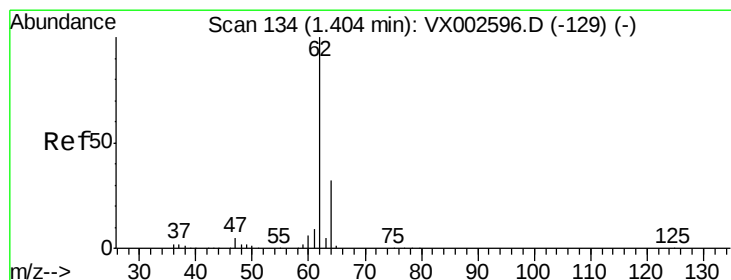
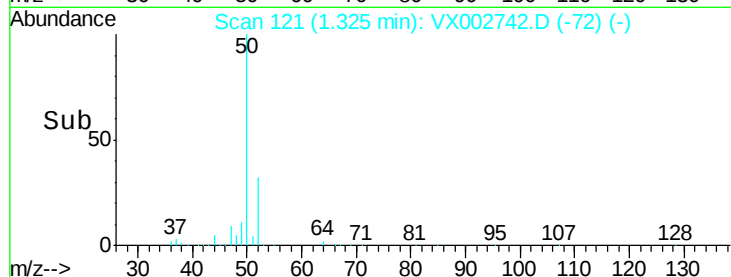
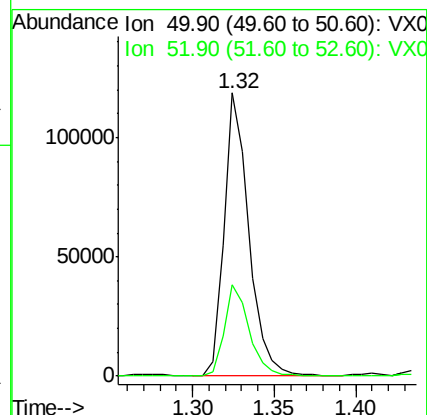
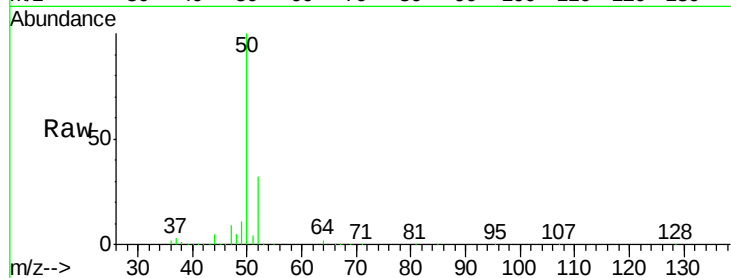
ClientSampleId :

Tot Ion: 50 Resp: 124747

Ion Ratio Lower Upper

50 100

52 32.2 25.7 38.5



#4

Vinyl Chloride

Concen: 45.53 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002742.D

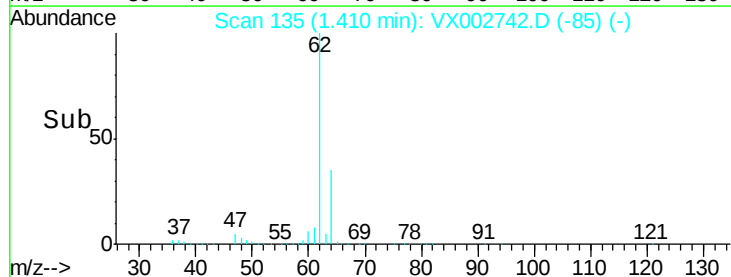
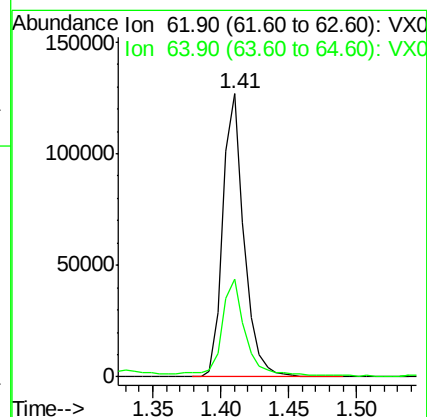
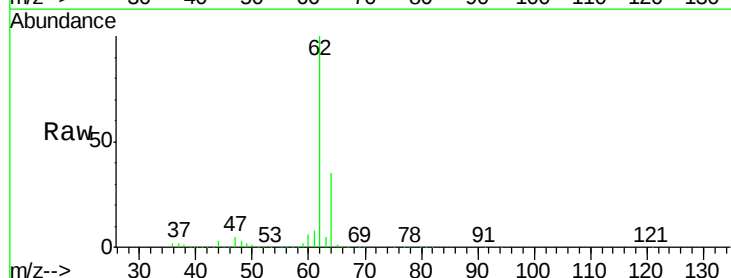
Acq: 20 Jun 2018 05:21

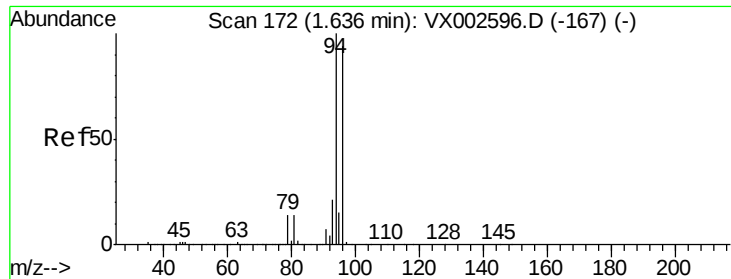
Tgt Ion: 62 Resp: 136763

Ion Ratio Lower Upper

62 100

64 34.1 25.4 38.2





#5

Bromomethane

Concen: 34.84 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

Instrument :

MSVOA_X

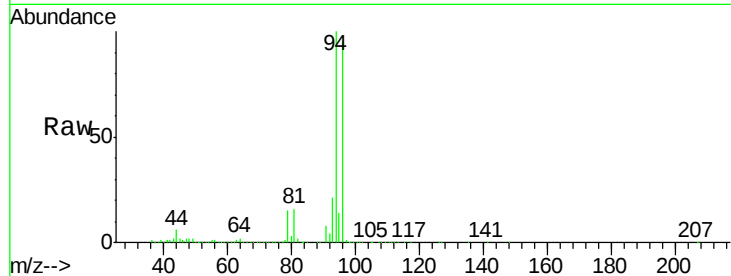
ClientSampled :

Tot Ion: 94 Resp: 63146

Ion Ratio Lower Upper

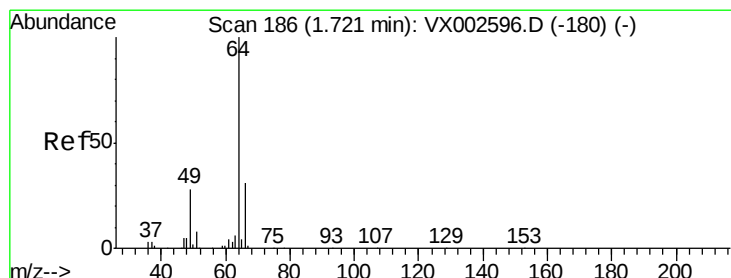
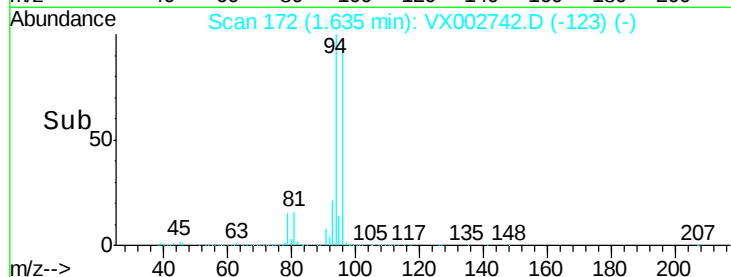
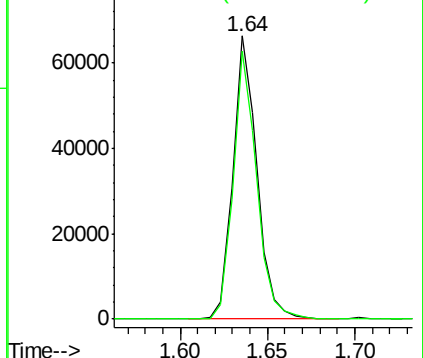
94 100

96 94.6 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: 45.93 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002742.D

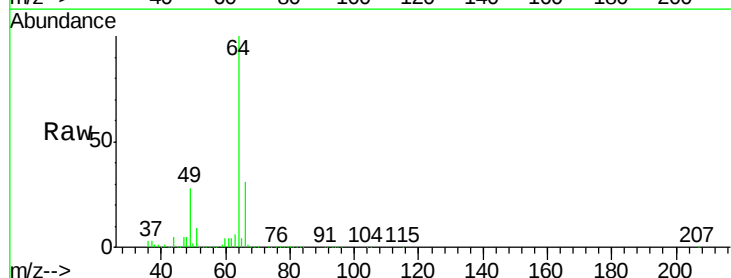
Acq: 20 Jun 2018 05:21

Tgt Ion: 64 Resp: 90936

Ion Ratio Lower Upper

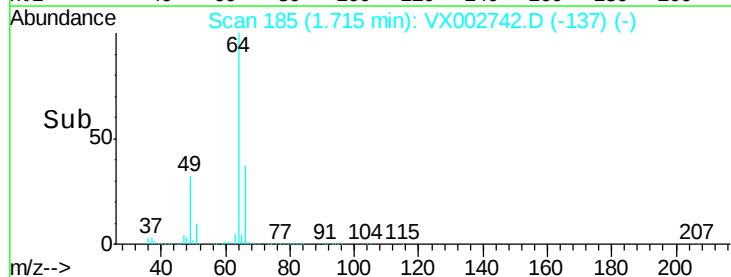
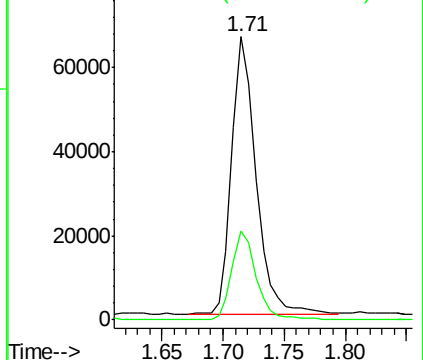
64 100

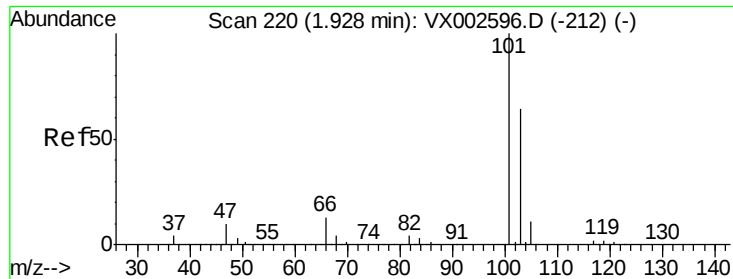
66 31.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



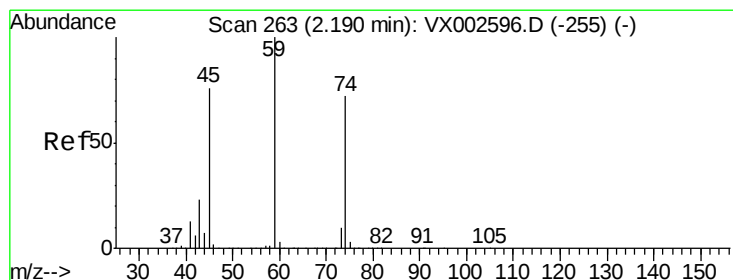
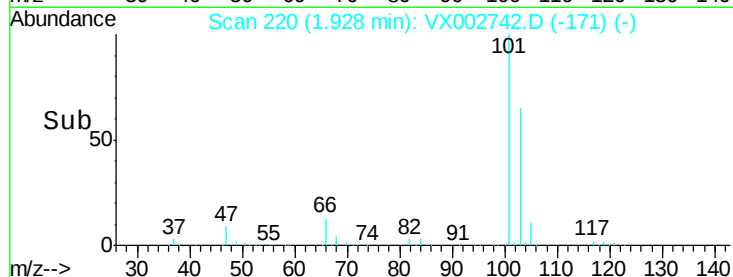
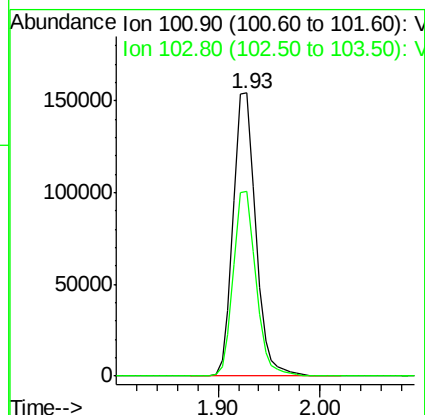
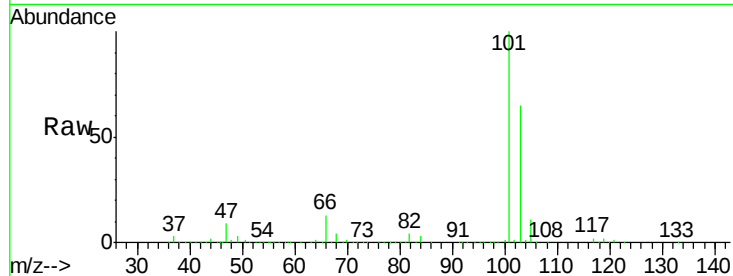


#7

Trichlorofluoromethane
 Concen: 48.26 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 05:21

Instrument :
 MSVOA_X
 ClientSampleId :

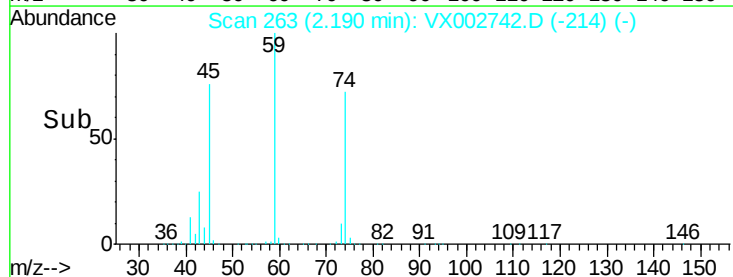
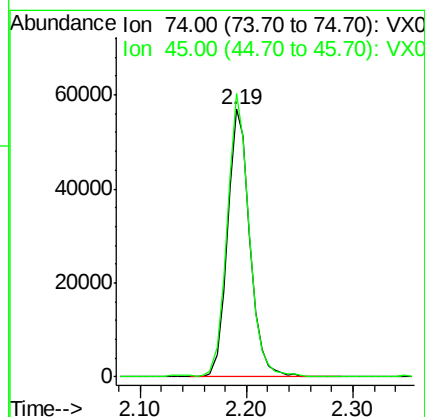
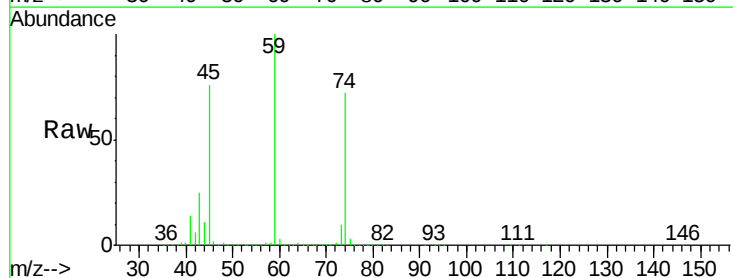
Tot Ion:101 Resp: 235496
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.8 79.2

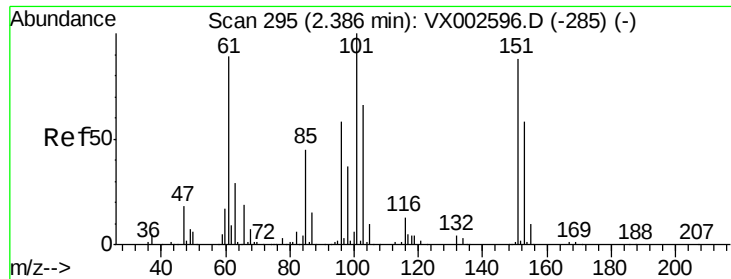


#8

Diethyl Ether
 Concen: 45.06 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 05:21

Tgt Ion: 74 Resp: 83644
 Ion Ratio Lower Upper
 74 100
 45 103.5 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.01 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

Instrument :

MSVOA_X

ClientSampleId :

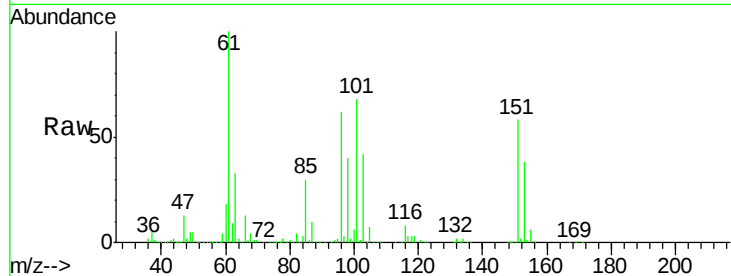
Tot Ion:101 Resp: 128231

Ion Ratio Lower Upper

101 100

85 45.5 36.0 54.0

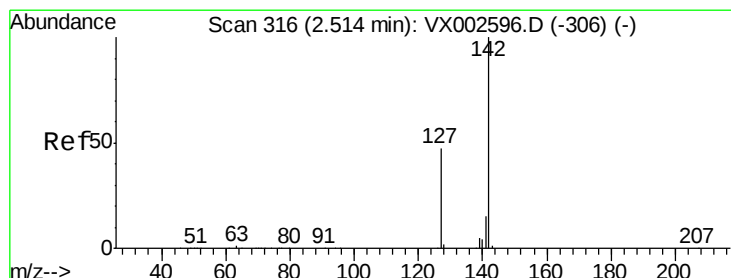
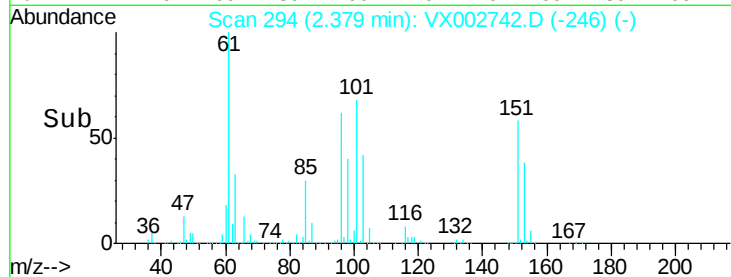
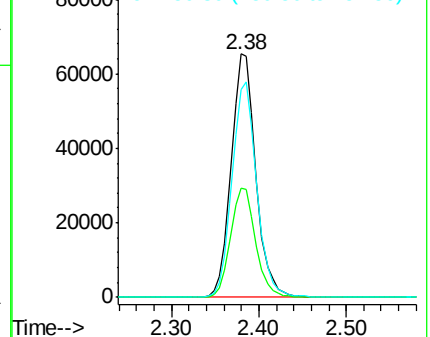
151 88.9 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 35.21 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

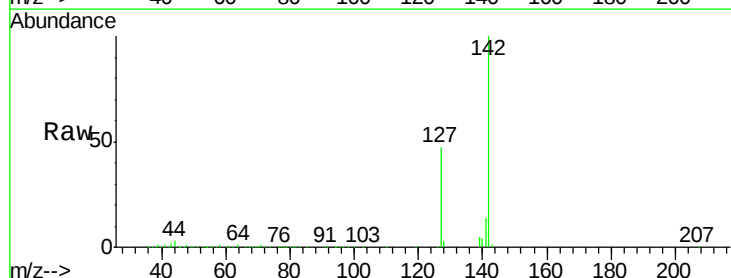
Tgt Ion:142 Resp: 123319

Ion Ratio Lower Upper

142 100

127 47.0 36.6 55.0

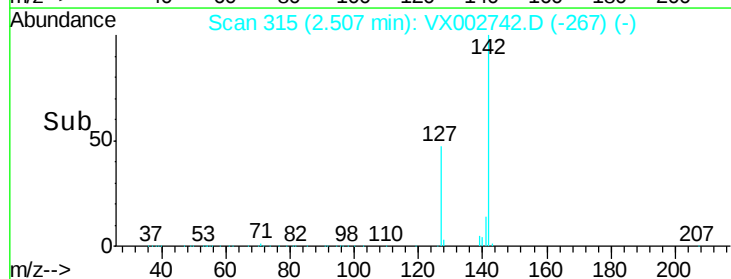
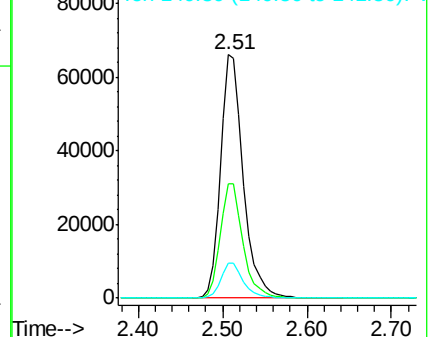
141 14.5 11.3 16.9

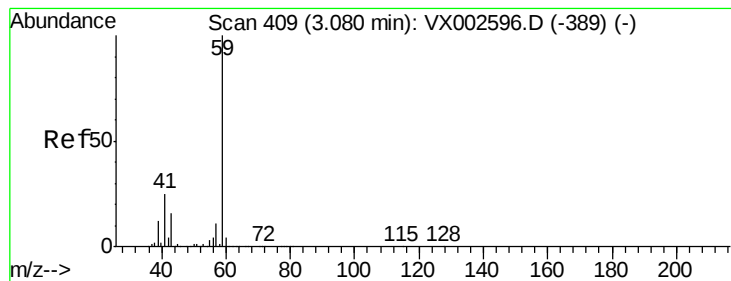


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



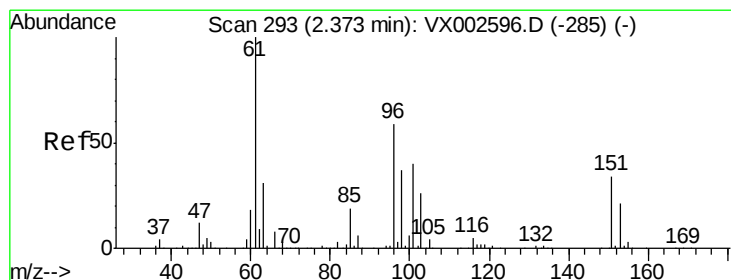
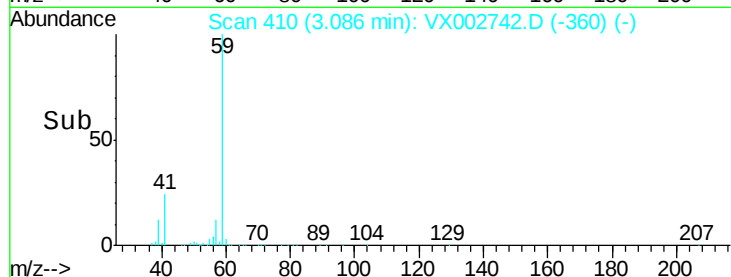
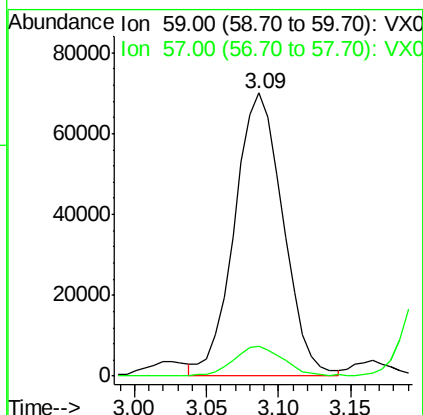
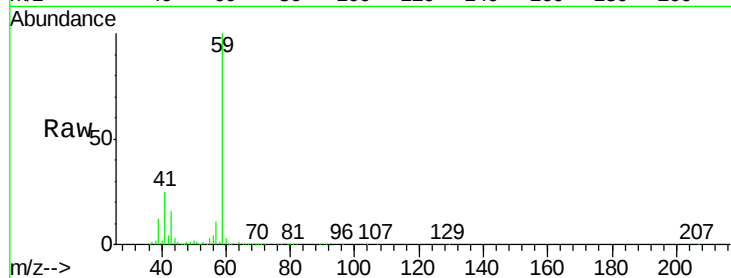


#11

Tert butyl alcohol
 Concen: 227.62 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 05:21

Instrument :
 MSVOA_X
 ClientSampled :

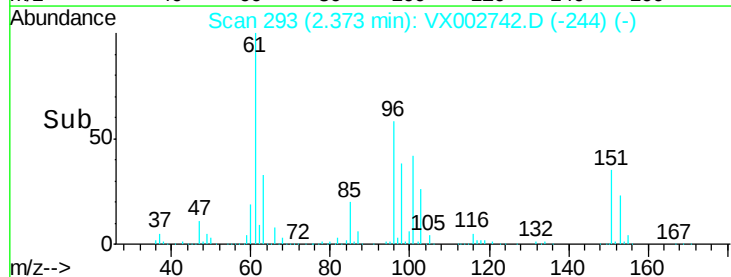
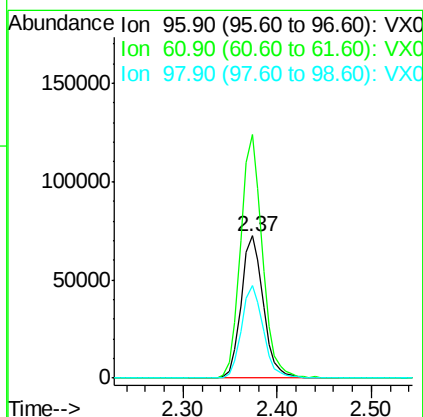
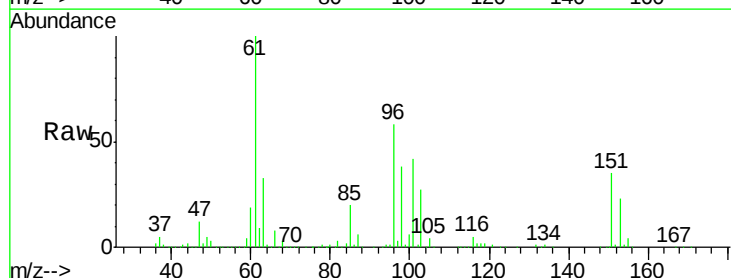
Tot Ion: 59 Resp: 163901
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.2 12.2

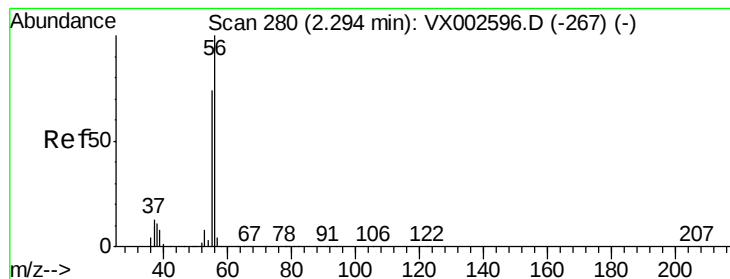


#12

1,1-Dichloroethene
 Concen: 46.23 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 05:21

Tgt Ion: 96 Resp: 118395
 Ion Ratio Lower Upper
 96 100
 61 171.1 137.9 206.9
 98 64.6 51.6 77.4





#13

Acrolein

Concen: 280.90 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

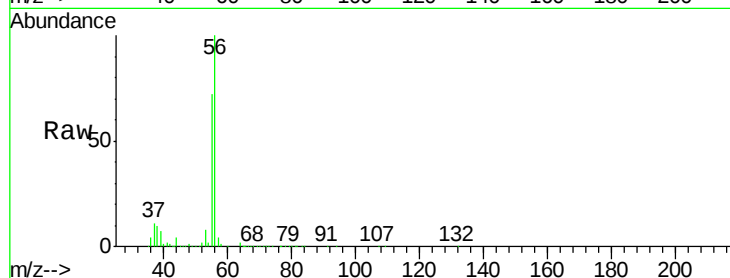
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 95118

Ion Ratio Lower Upper

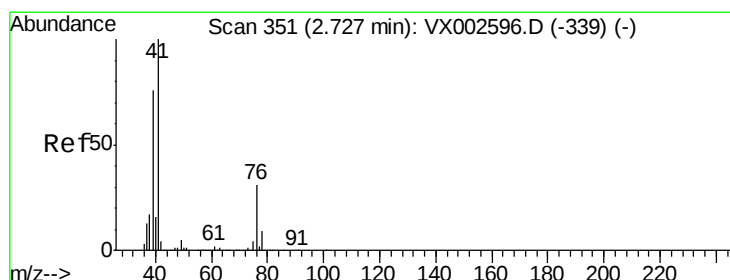
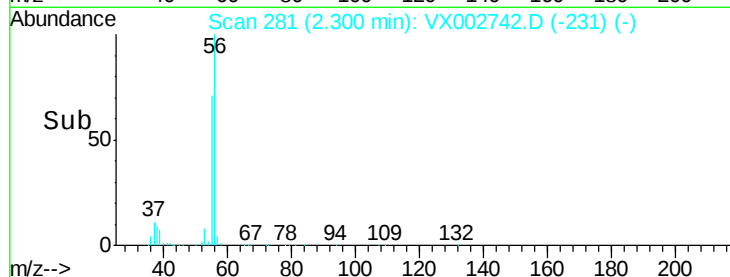
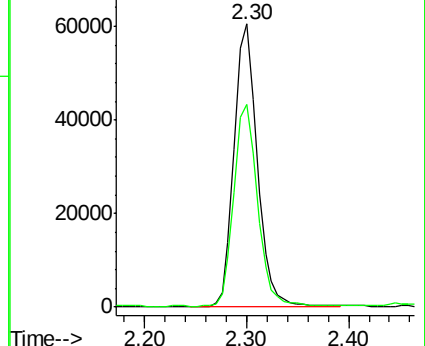
56 100

55 72.8 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 43.89 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

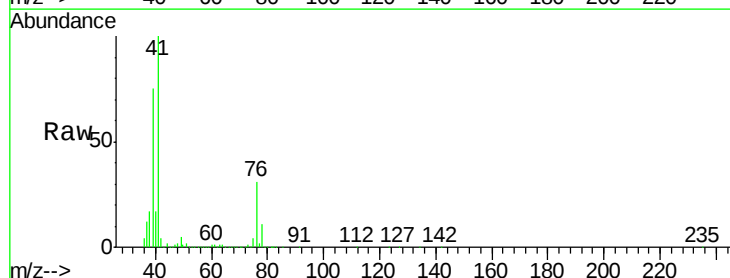
Tgt Ion: 41 Resp: 223200

Ion Ratio Lower Upper

41 100

39 71.8 56.8 85.2

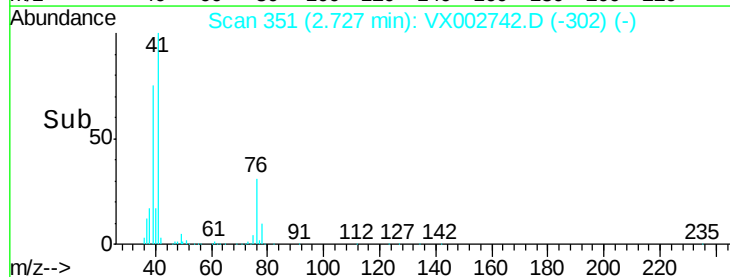
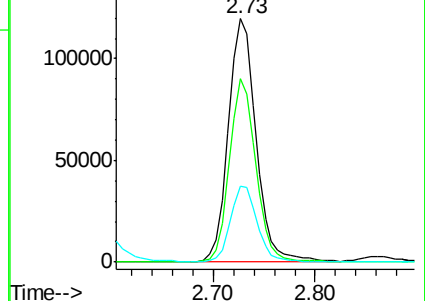
76 29.9 23.8 35.8

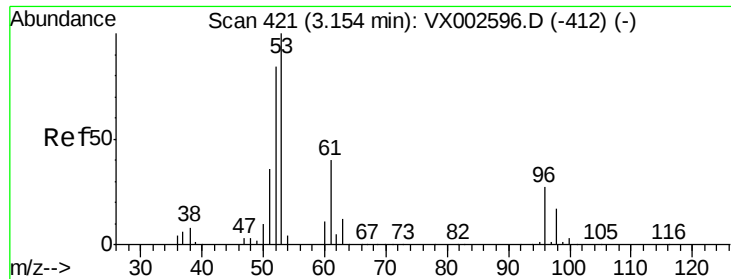


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 226.33 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

Instrument :

MSVOA_X

ClientSampleId :

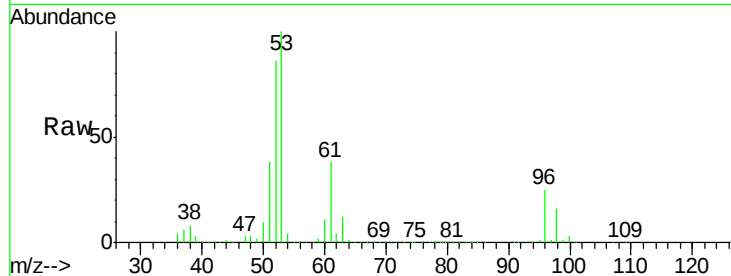
Tot Ion: 53 Resp: 355635

Ion Ratio Lower Upper

53 100

52 84.1 66.7 100.1

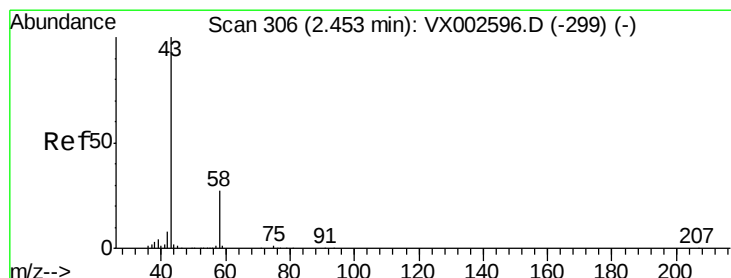
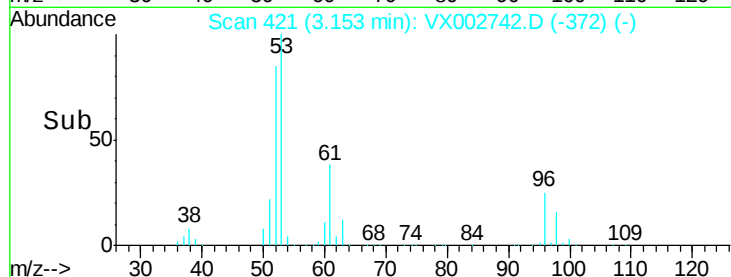
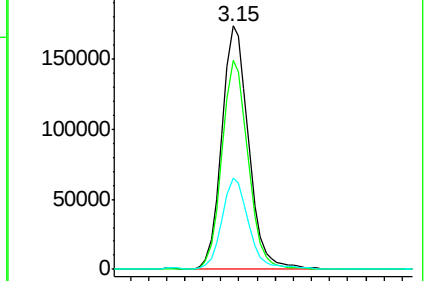
51 37.5 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 220.74 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX002742.D

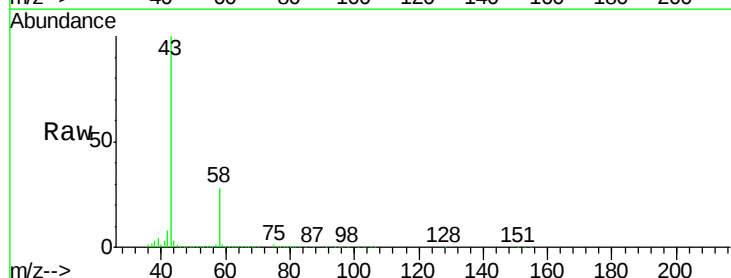
Acq: 20 Jun 2018 05:21

Tgt Ion: 43 Resp: 339211

Ion Ratio Lower Upper

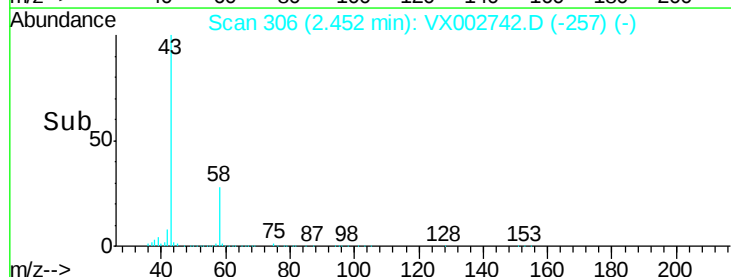
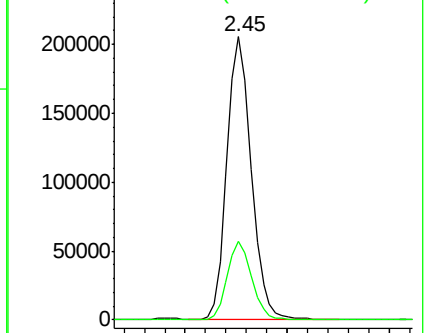
43 100

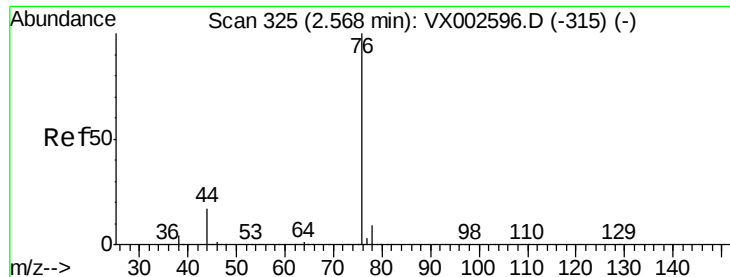
58 27.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 50.65 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

Instrument :

MSVOA_X

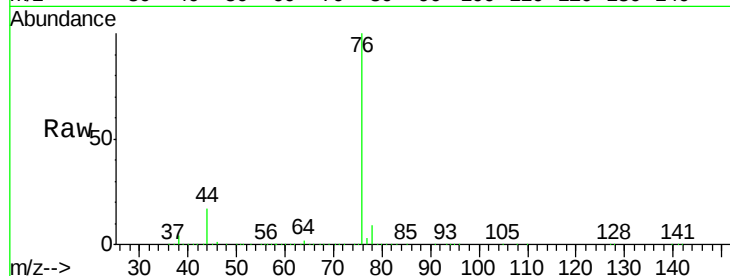
ClientSampleId :

Tot Ion: 76 Resp: 307637

Ion Ratio Lower Upper

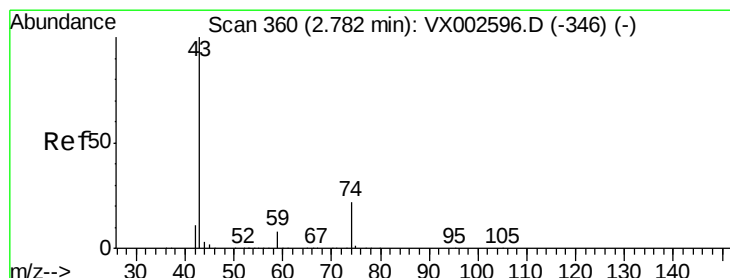
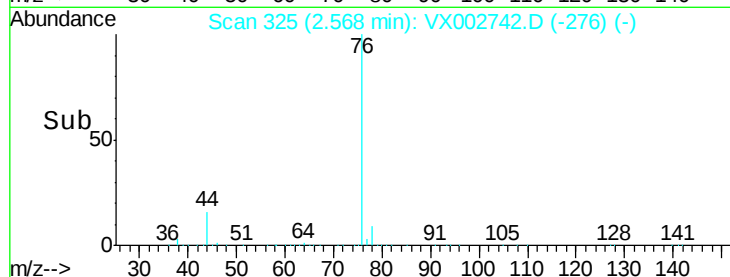
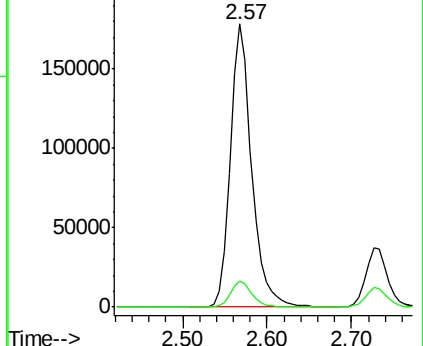
76 100

78 9.0 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 46.70 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002742.D

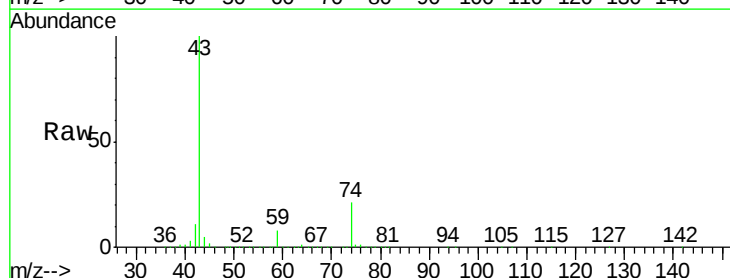
Acq: 20 Jun 2018 05:21

Tgt Ion: 43 Resp: 191186

Ion Ratio Lower Upper

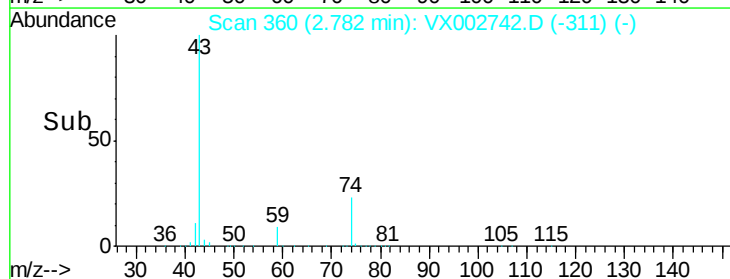
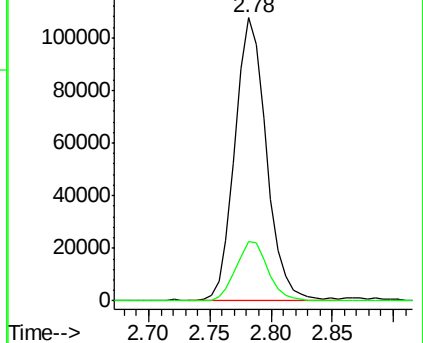
43 100

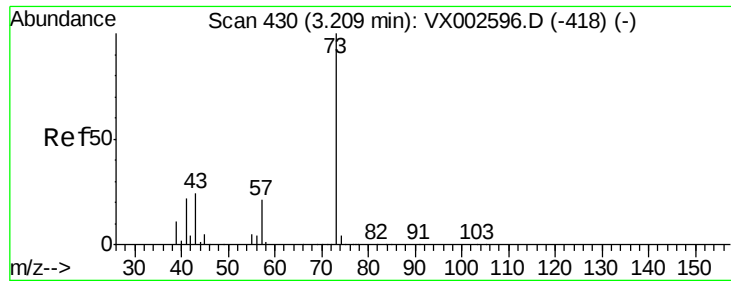
74 21.3 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

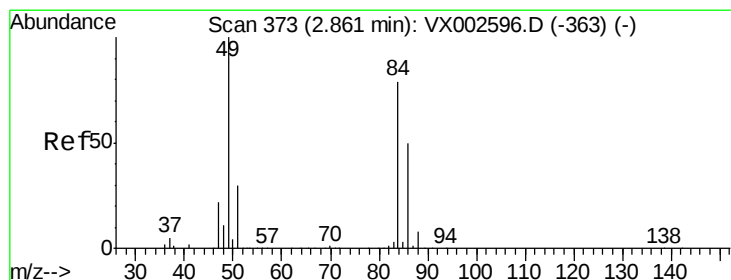
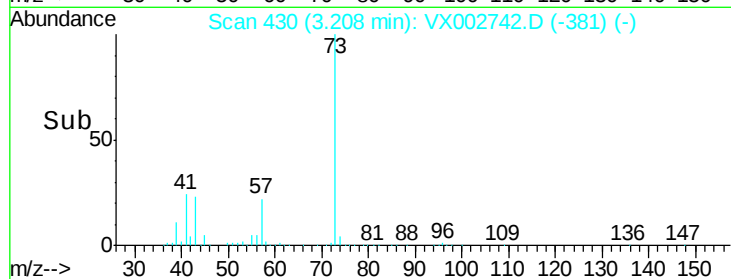
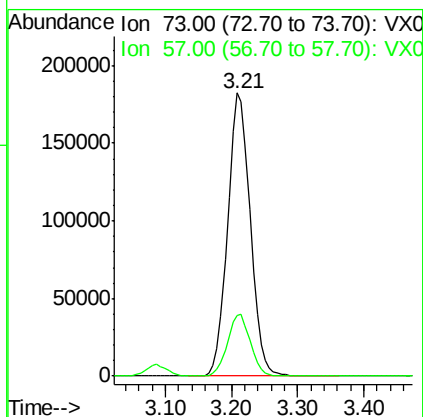
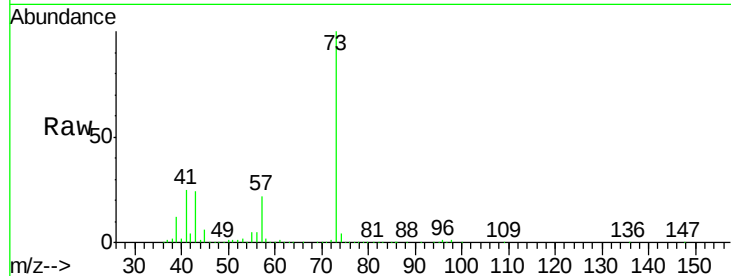




#19
Methyl tert-butyl Ether
Concen: 44.90 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 05:21

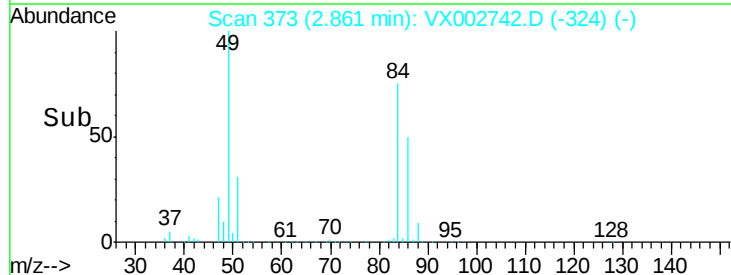
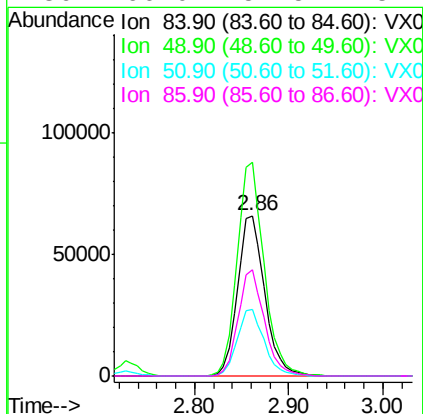
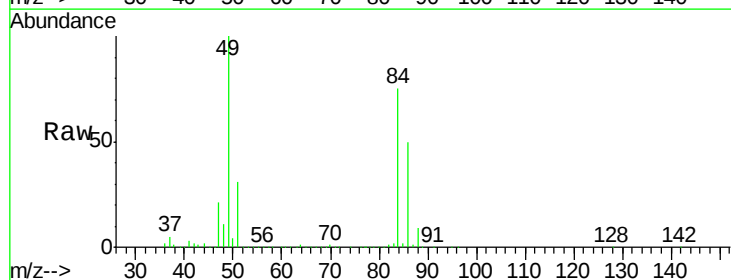
Instrument :
MSVOA_X
ClientSampled :

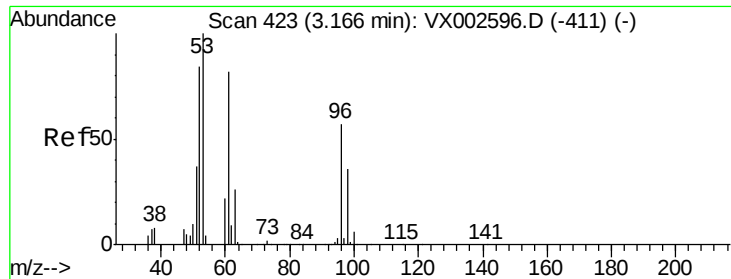
Tot Ion: 73 Resp: 431359
Ion Ratio Lower Upper
73 100
57 21.6 17.7 26.5



#20
Methylene Chloride
Concen: 41.99 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 05:21

Tgt Ion: 84 Resp: 132294
Ion Ratio Lower Upper
84 100
49 132.9 107.8 161.6
51 40.9 32.8 49.2
86 66.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 45.33 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

Instrument :

MSVOA_X

ClientSampleId :

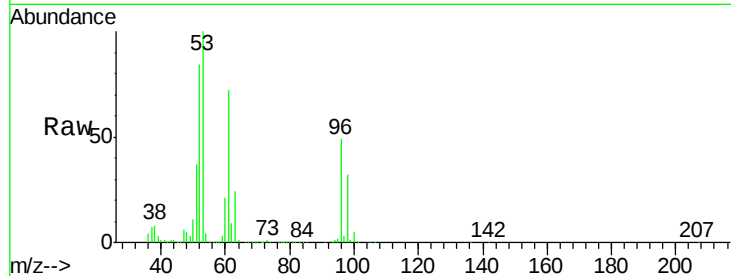
Tot Ion: 96 Resp: 125934

Ion Ratio Lower Upper

96 100

61 146.4 117.0 175.4

98 65.0 52.4 78.6

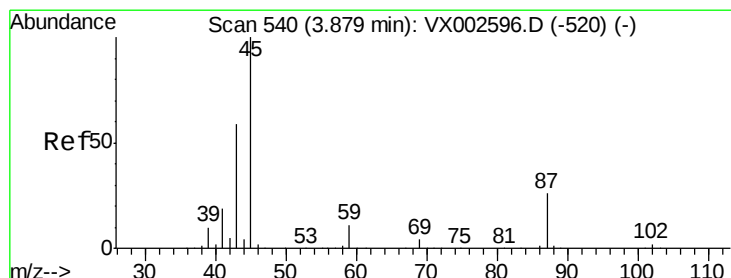
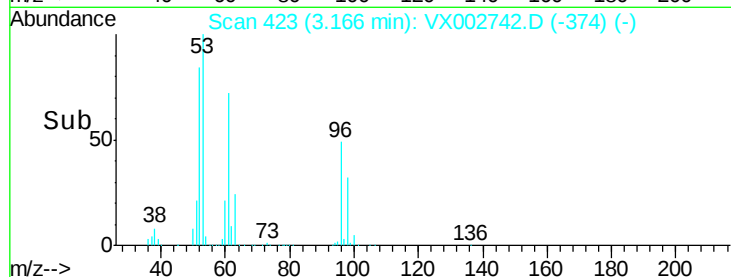
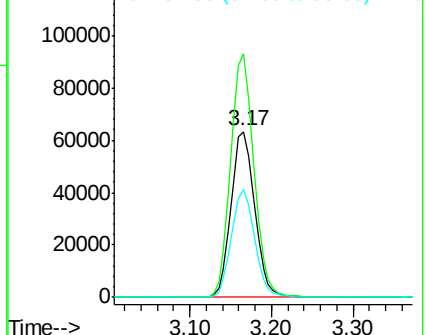


Abundance

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: 46.36 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

Tgt Ion: 45 Resp: 426504

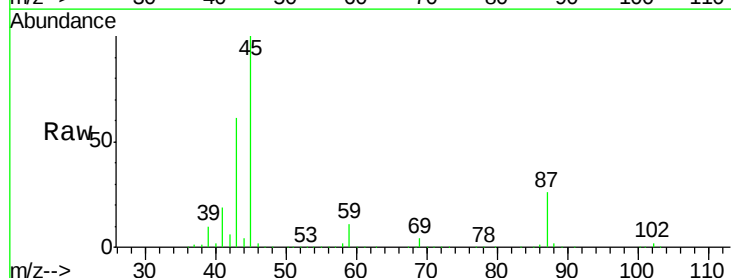
Ion Ratio Lower Upper

45 100

43 61.1 46.8 70.2

87 25.8 20.2 30.4

59 11.5 8.7 13.1



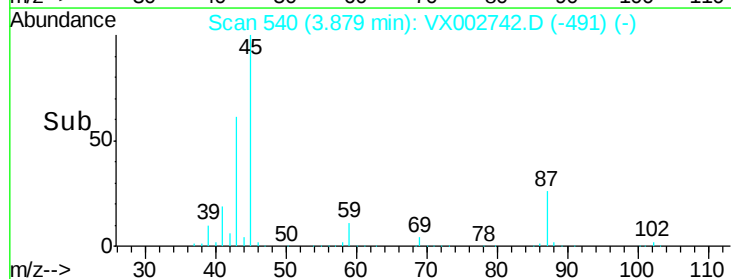
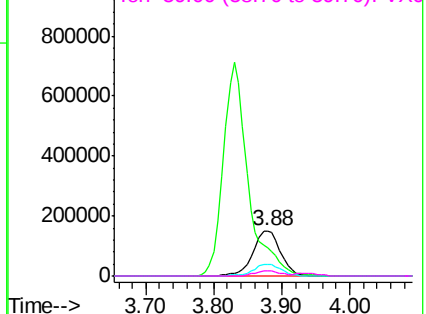
Abundance

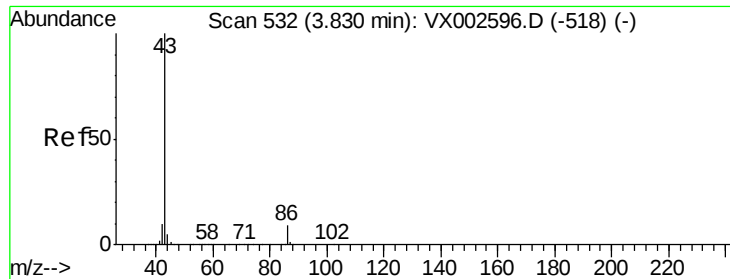
Ion 45.00 (44.70 to 45.70): VX0

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: 235.36 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

Instrument :

MSVOA_X

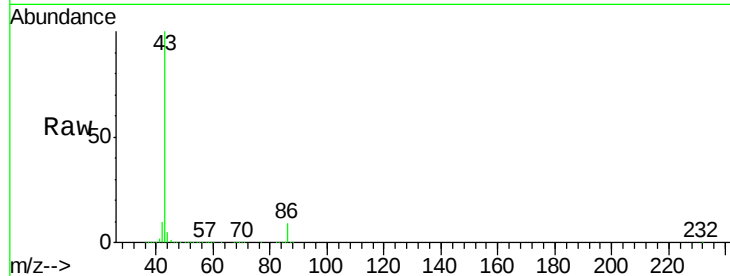
ClientSampleId :

Tot Ion: 43 Resp: 1812359

Ion Ratio Lower Upper

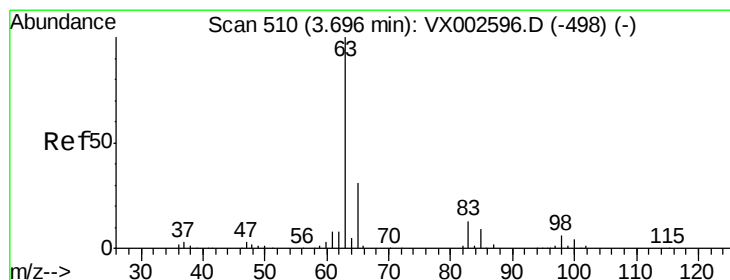
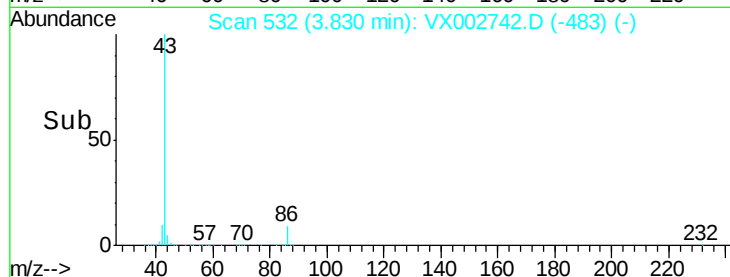
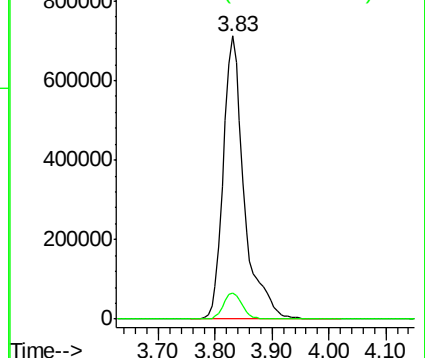
43 100

86 9.2 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.19 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

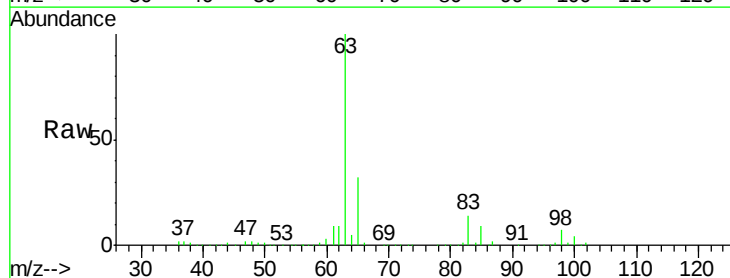
Tgt Ion: 63 Resp: 230654

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

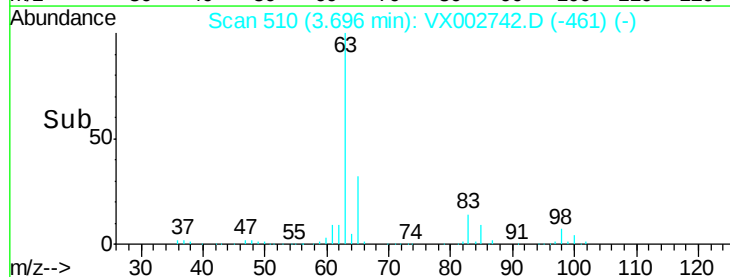
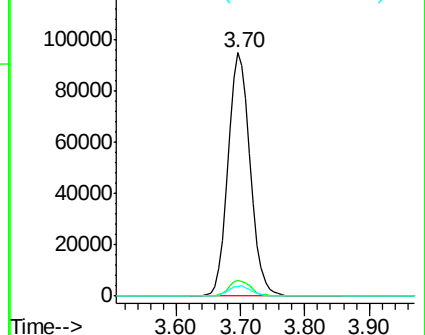
100 4.1 2.0 6.0

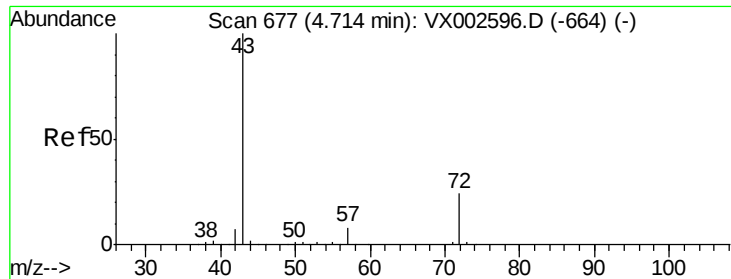


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 240.67 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

Instrument :

MSVOA_X

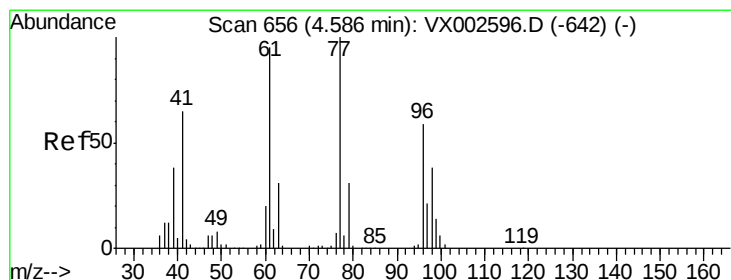
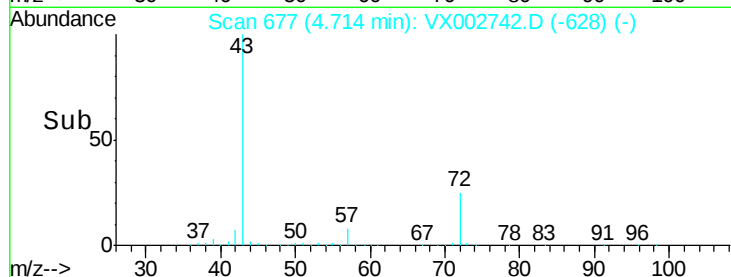
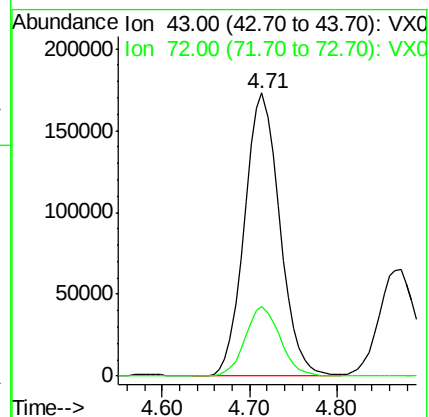
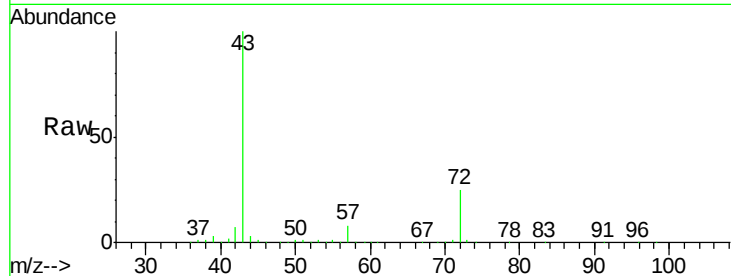
ClientSampleId :

Tot Ion: 43 Resp: 485705

Ion Ratio Lower Upper

43 100

72 24.7 18.5 27.7



#26

2,2-Dichloropropane

Concen: 29.55 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002742.D

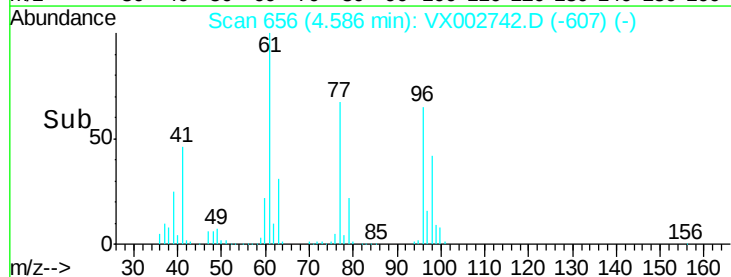
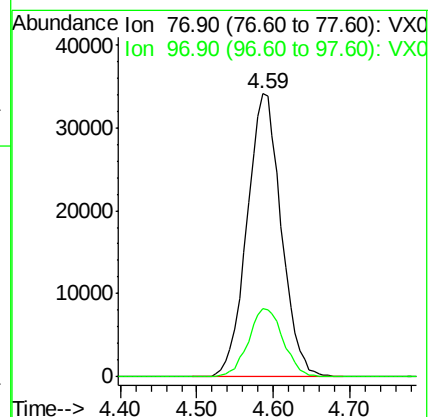
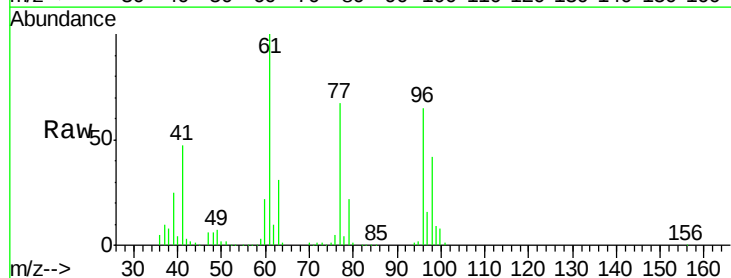
Acq: 20 Jun 2018 05:21

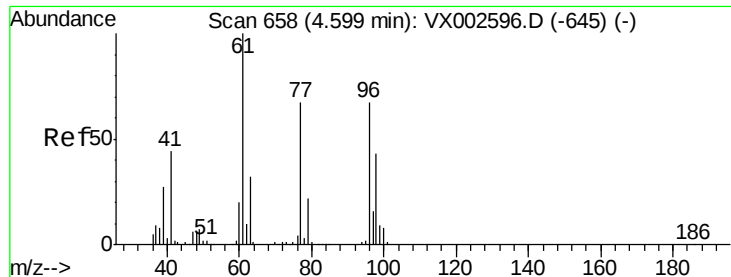
Tgt Ion: 77 Resp: 106021

Ion Ratio Lower Upper

77 100

97 24.7 11.2 33.5



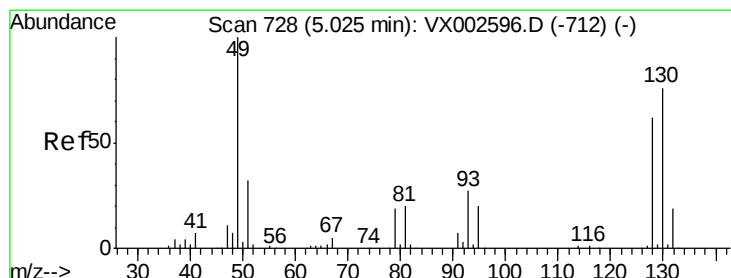
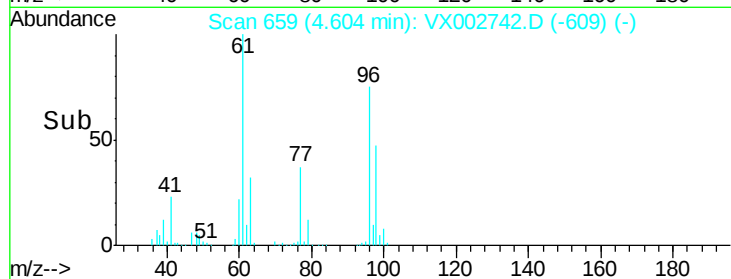
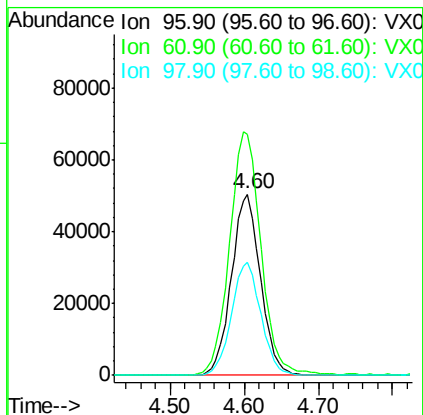
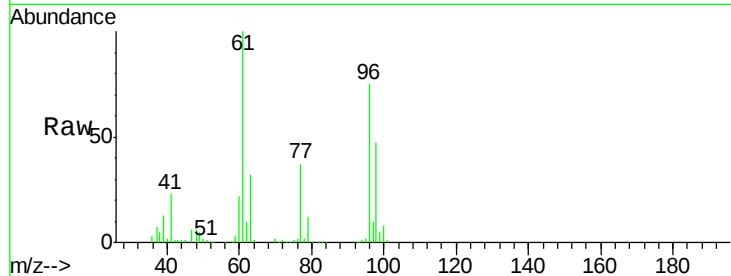


#27

cis-1,2-Dichloroethene
Concen: 48.83 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX002742.D
Acq: 20 Jun 2018 05:21

Instrument :
MSVOA_X
ClientSampleId :

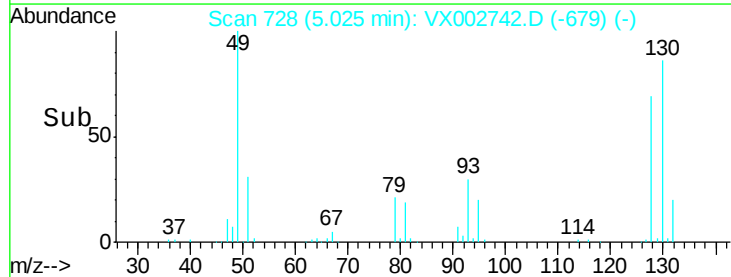
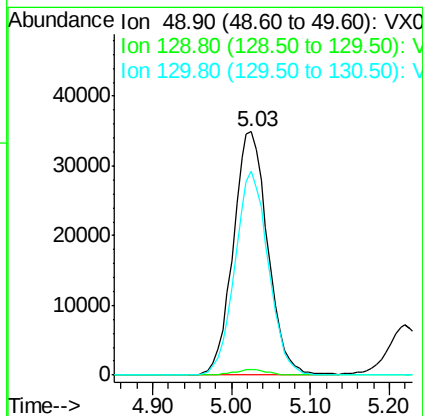
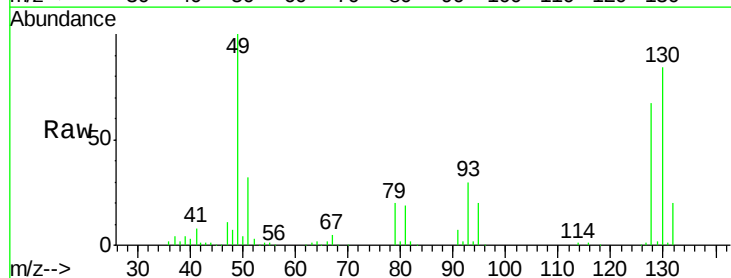
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.5	0.0	330.2
98	63.0	0.0	130.2

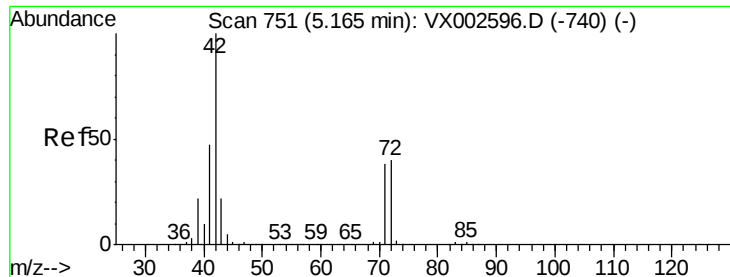


#28

Bromochloromethane
Concen: 45.38 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 05:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	81.2	61.2	91.8

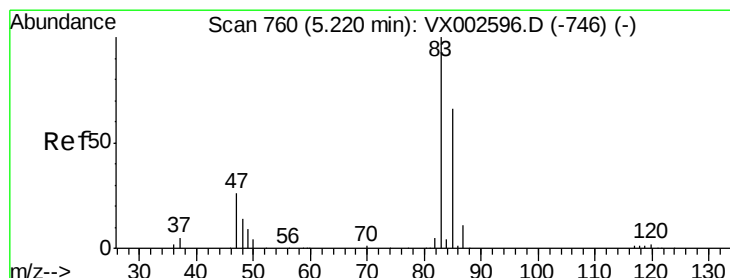
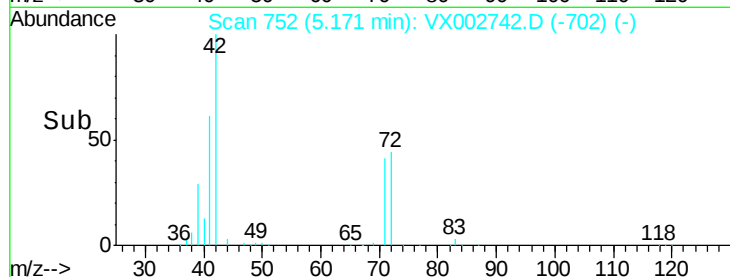
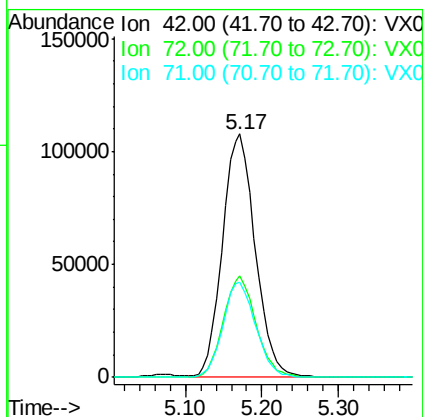
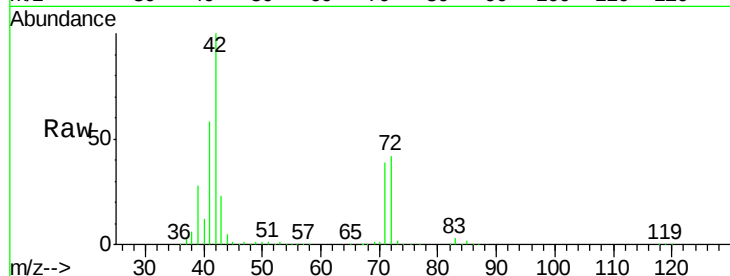




#29
Tetrahydrofuran
Concen: 240.84 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002742.D
Acq: 20 Jun 2018 05:21

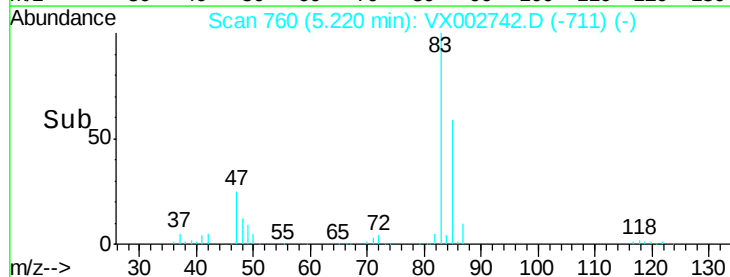
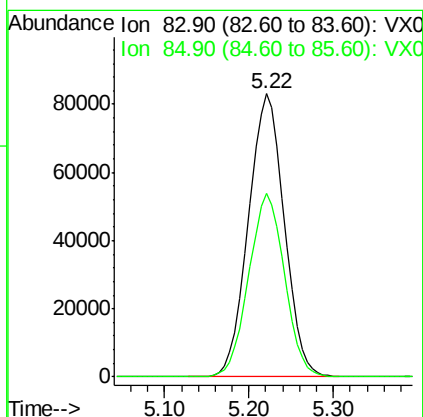
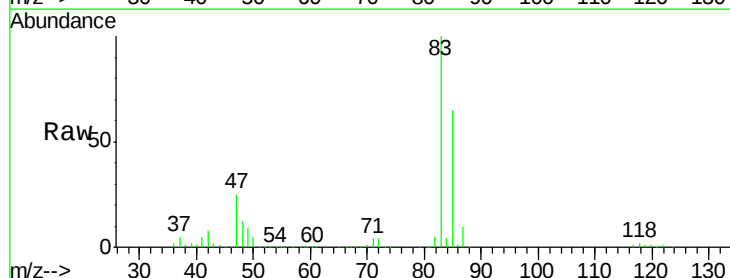
Instrument :
MSVOA_X
ClientSampled :

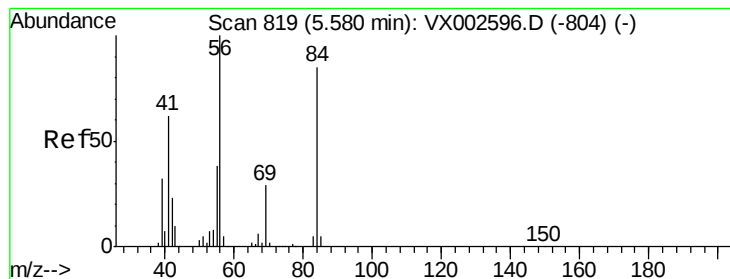
Tot Ion: 42 Resp: 318542
Ion Ratio Lower Upper
42 100
72 41.6 32.0 48.0
71 39.2 30.1 45.1



#30
Chloroform
Concen: 50.04 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 05:21

Tgt Ion: 83 Resp: 240935
Ion Ratio Lower Upper
83 100
85 64.7 50.4 75.6





#31

Cyclohexane

Concen: 48.32 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

Instrument :
MSVOA_X
ClientSampleId :

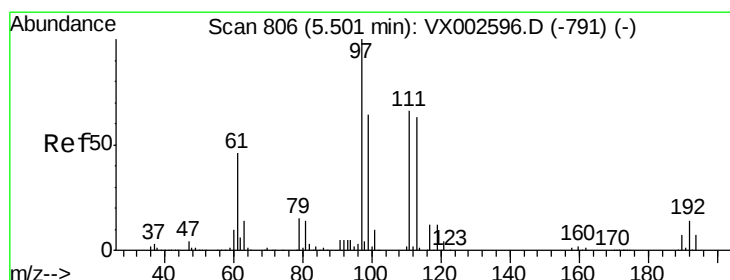
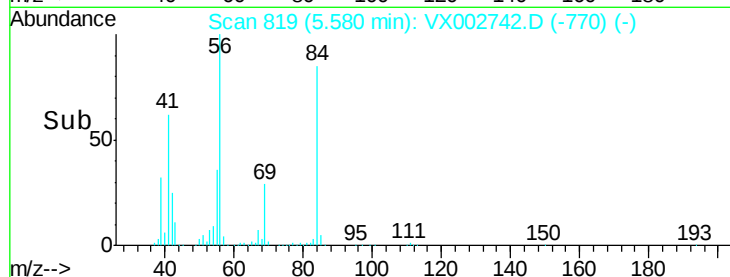
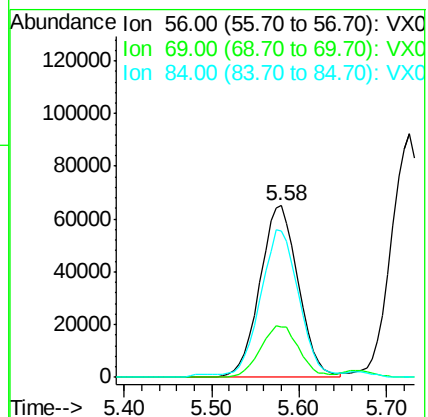
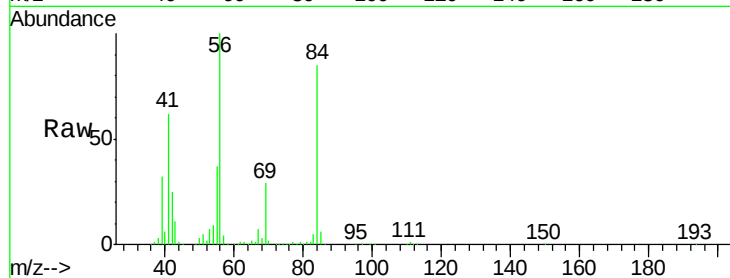
Tot Ion: 56 Resp: 198668

Ion Ratio Lower Upper

56 100

69 29.1 23.7 35.5

84 83.8 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 52.48 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

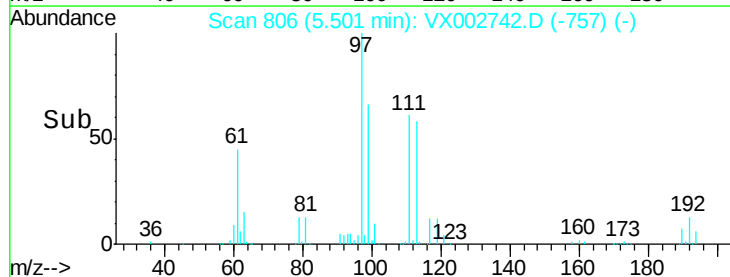
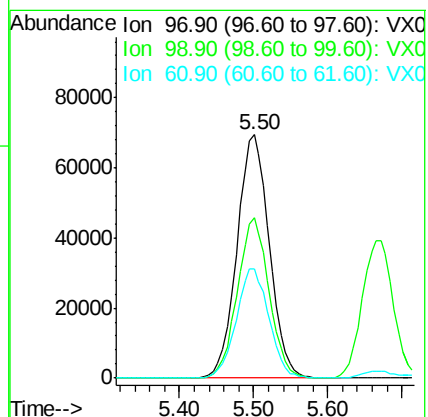
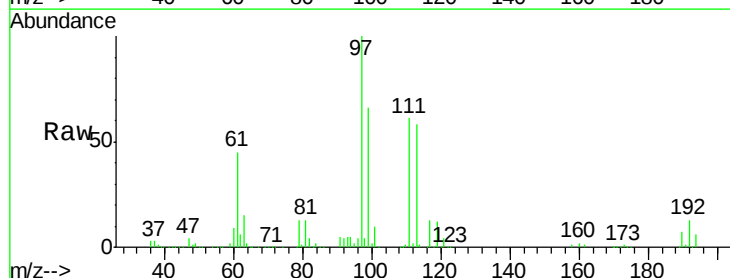
Tgt Ion: 97 Resp: 211344

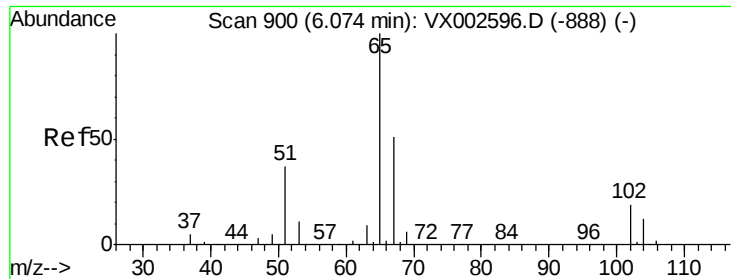
Ion Ratio Lower Upper

97 100

99 64.6 51.6 77.4

61 45.6 36.4 54.6

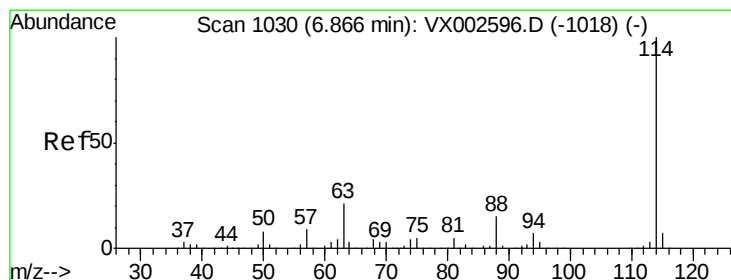
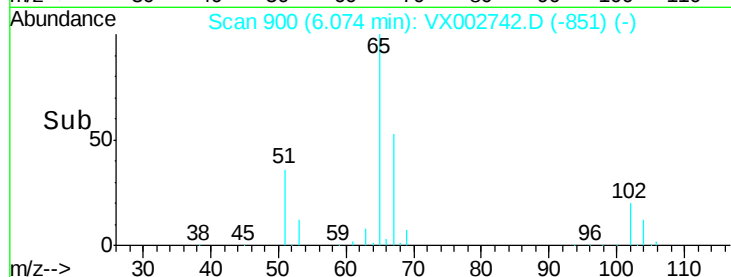
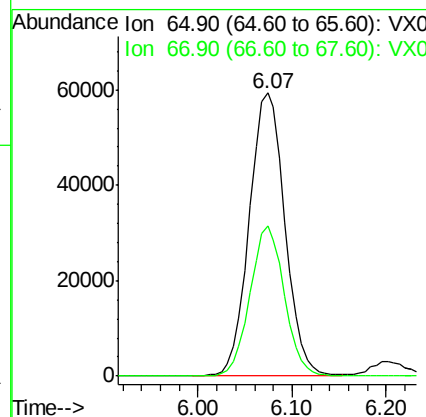
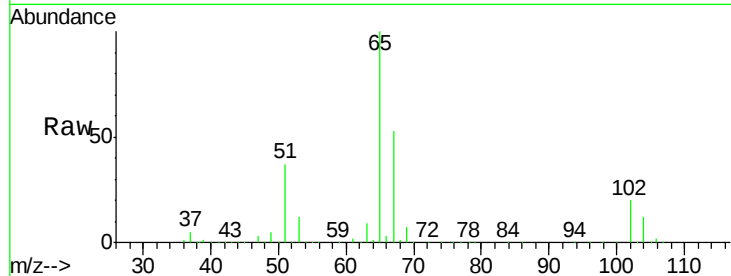




#33
 1,2-Dichloroethane-d4
 Concen: 45.01 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 05:21

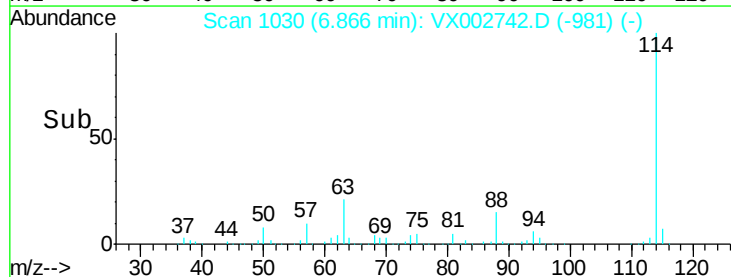
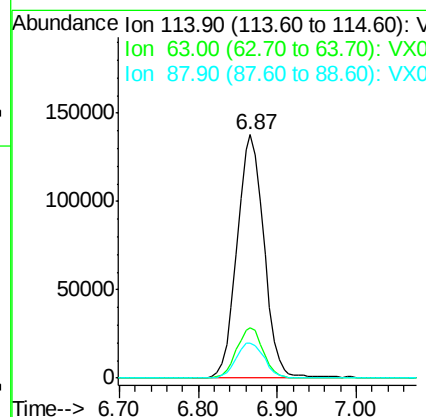
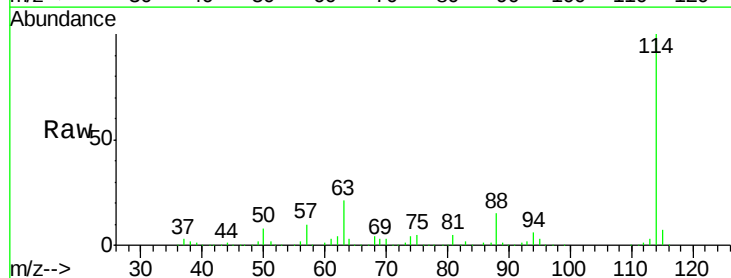
Instrument :
 MSVOA_X
 ClientSampleId :

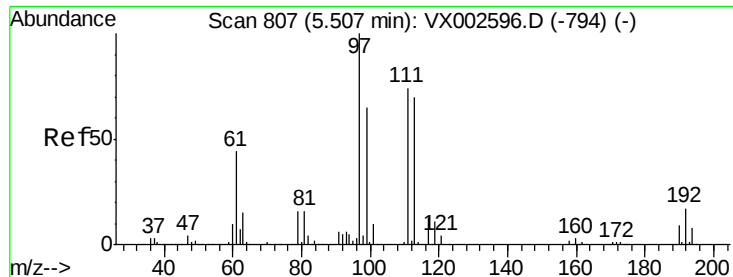
Tot Ion: 65 Resp: 156771
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 05:21

Tgt Ion: 114 Resp: 327887
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.4
 88 14.5 0.0 30.0

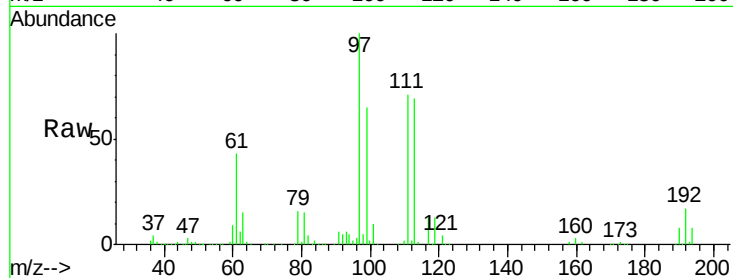




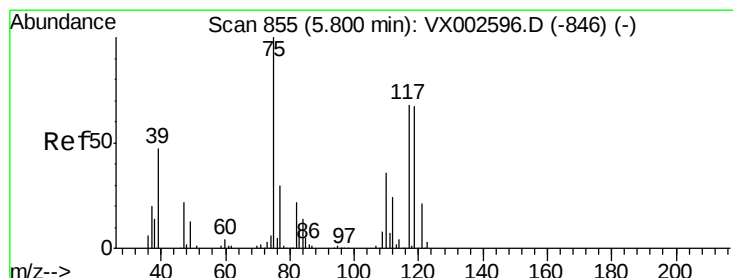
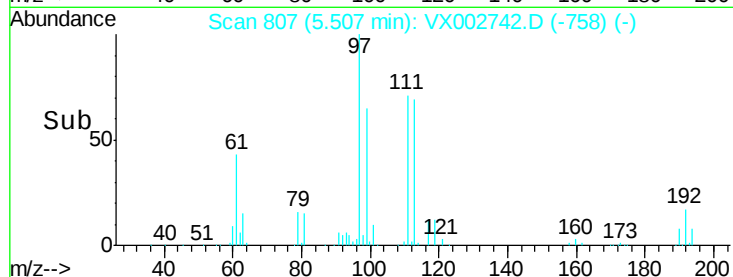
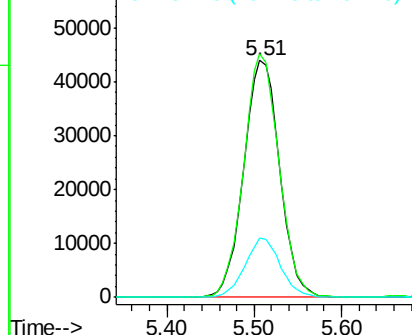
#35
 Dibromofluoromethane
 Concen: 47.91 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 05:21

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:113 Resp: 125362
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.4 122.0
 192 24.5 19.1 28.7

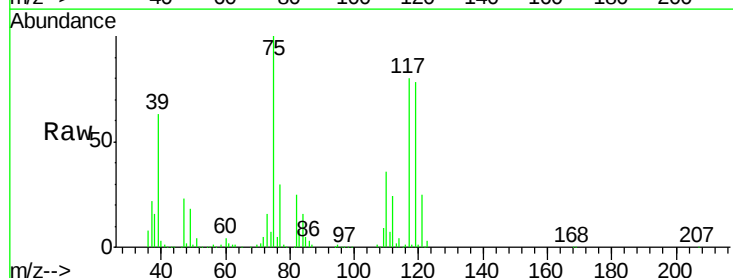


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

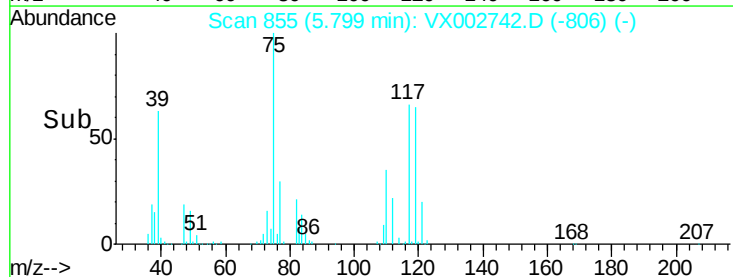
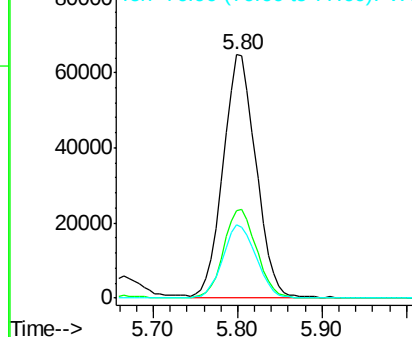


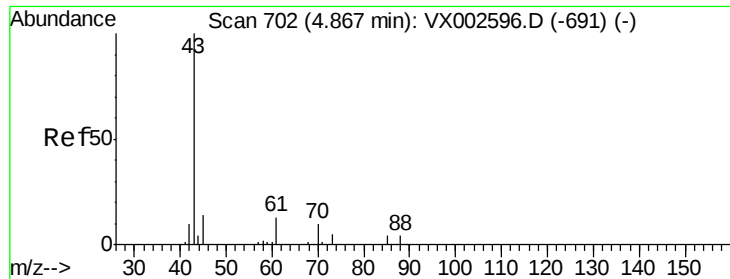
#36
 1,1-Dichloropropene
 Concen: 49.43 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 05:21

Tgt Ion: 75 Resp: 172131
 Ion Ratio Lower Upper
 75 100
 110 36.8 18.1 54.4
 77 30.6 24.3 36.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 48.98 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

Instrument :

MSVOA_X

ClientSampleId :

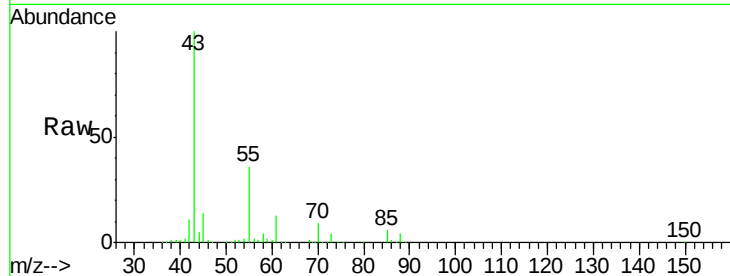
Tot Ion: 43 Resp: 193068

Ion Ratio Lower Upper

43 100

61 12.5 10.4 15.6

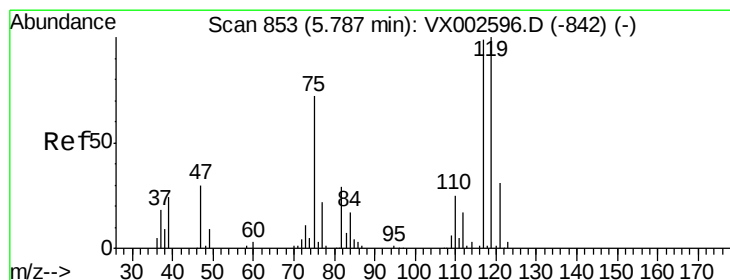
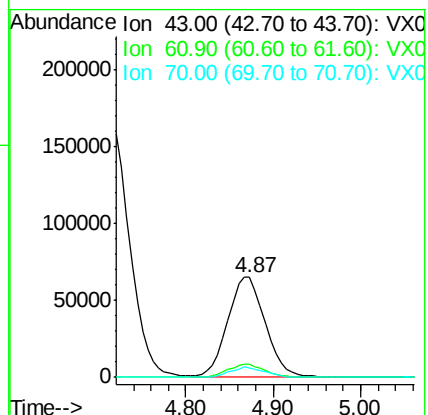
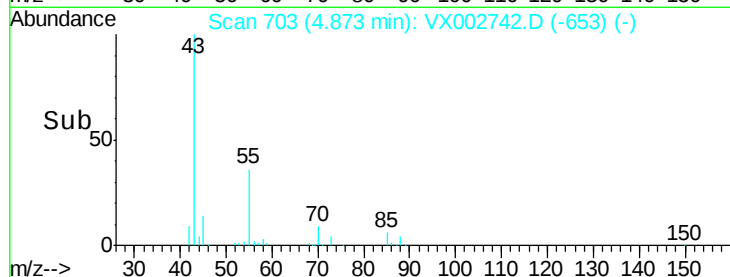
70 9.6 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX002742.D (-653) (-)

Ion 60.90 (60.60 to 61.60): VX002742.D (-653) (-)

Ion 70.00 (69.70 to 70.70): VX002742.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 54.67 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

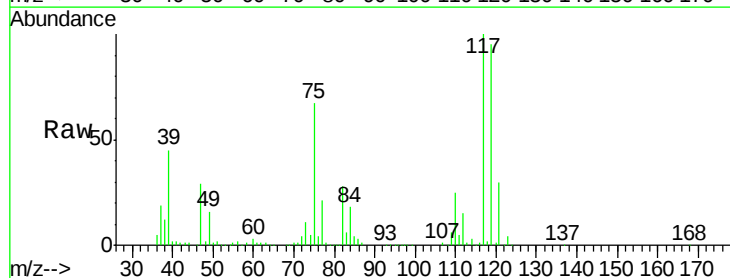
Tgt Ion: 117 Resp: 189569

Ion Ratio Lower Upper

117 100

119 95.0 77.4 116.0

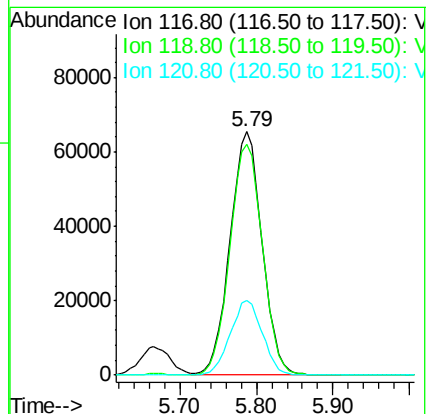
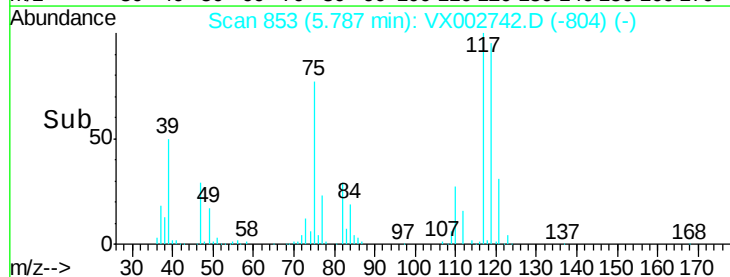
121 30.5 24.4 36.6

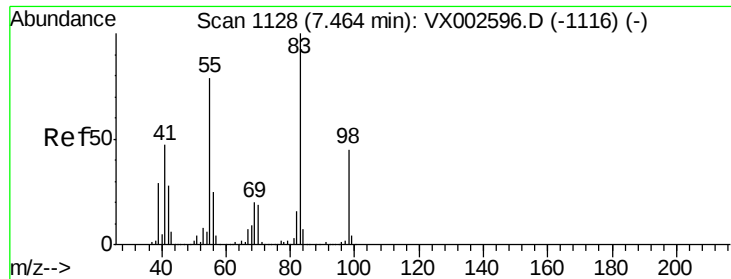


Abundance Ion 116.80 (116.50 to 117.50): VX002742.D (-804) (-)

Ion 118.80 (118.50 to 119.50): VX002742.D (-804) (-)

Ion 120.80 (120.50 to 121.50): VX002742.D (-804) (-)

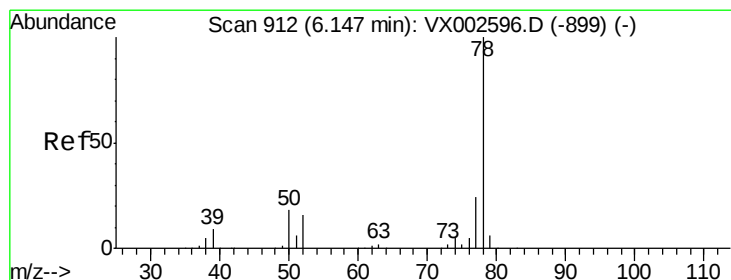
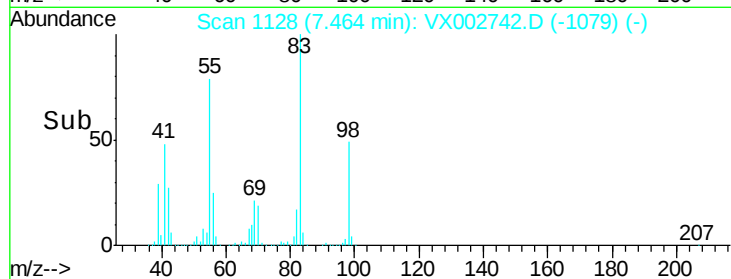
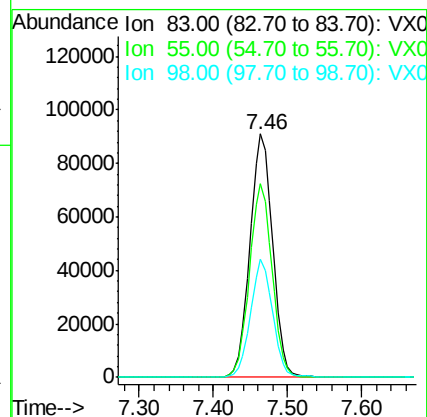
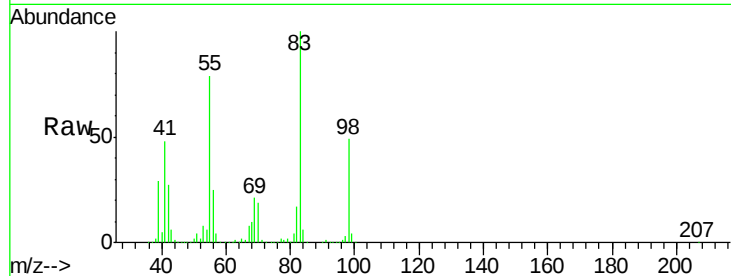




#39
Methvlcvclohexane
Concen: 48.05 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 05:21

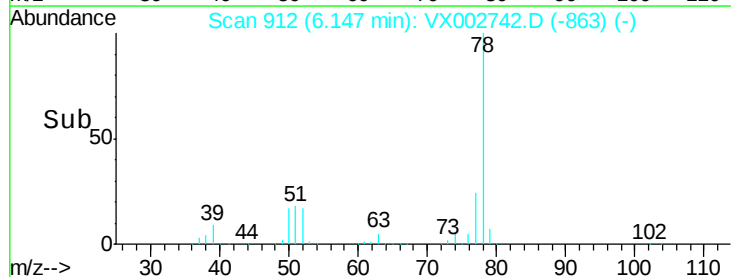
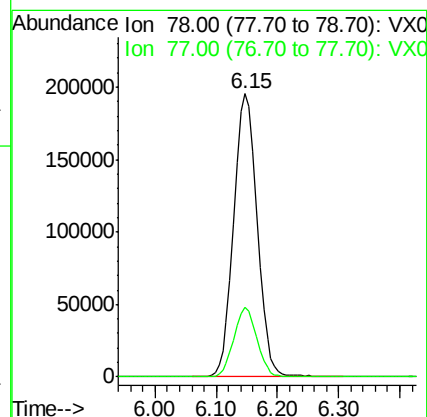
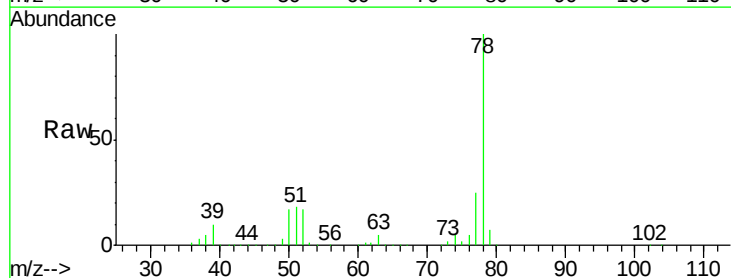
Instrument :
MSVOA_X
ClientSampleId :

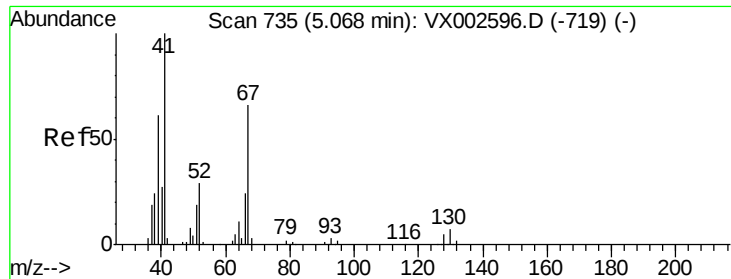
Tot Ion: 83 Resp: 195608
Ion Ratio Lower Upper
83 100
55 79.4 65.4 98.0
98 48.6 37.4 56.0



#40
Benzene
Concen: 49.44 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 05:21

Tgt Ion: 78 Resp: 516292
Ion Ratio Lower Upper
78 100
77 24.6 19.1 28.7

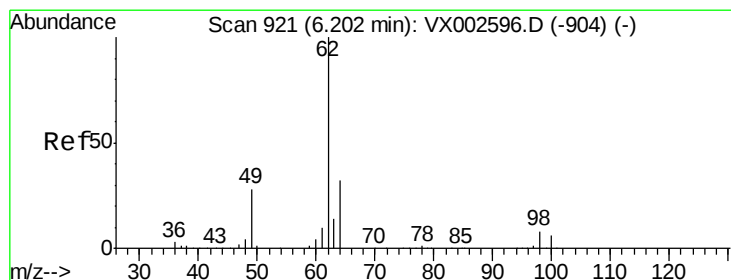
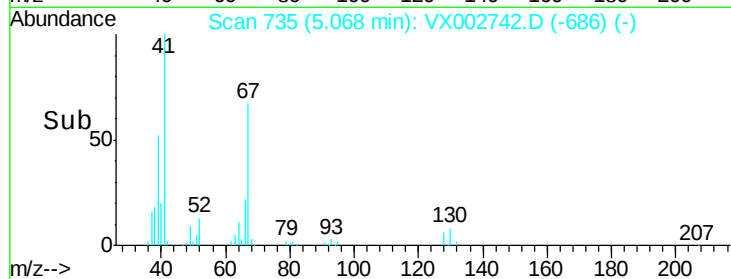
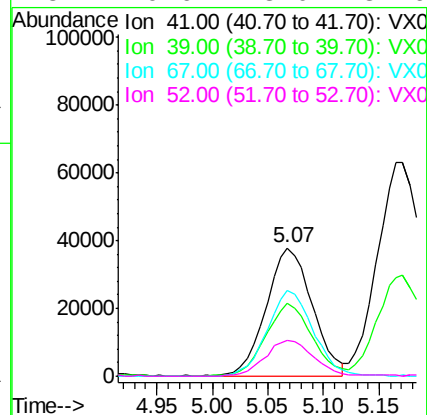
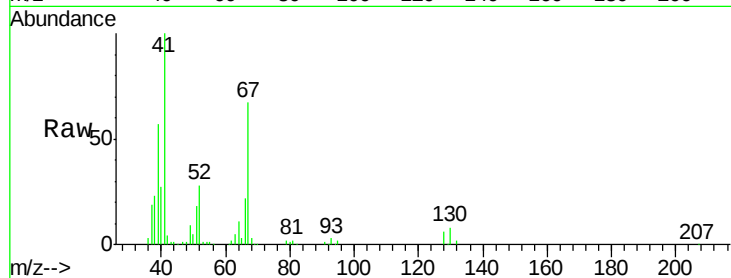




#41
Methacrylonitrile
Concen: 48.82 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 05:21

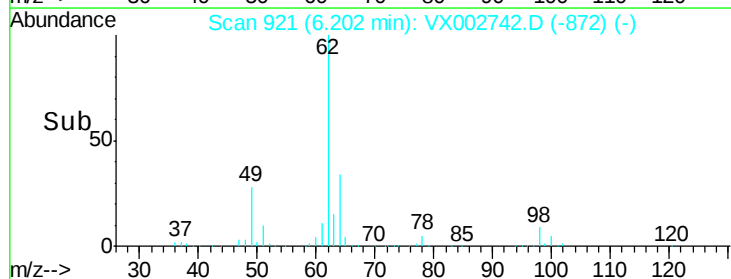
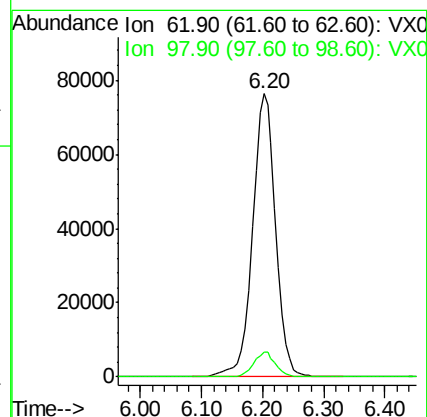
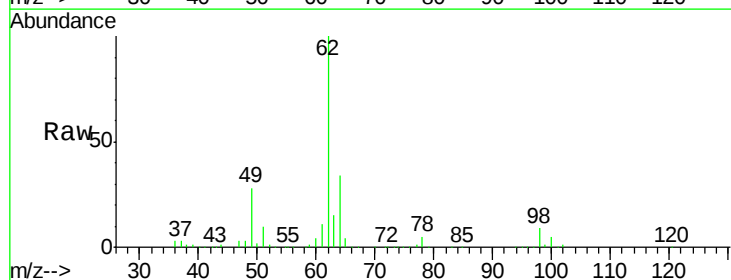
Instrument :
MSVOA_X
ClientSampled :

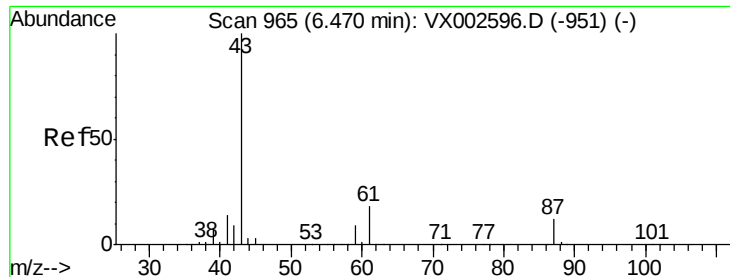
Tot Ion:	41	Resp:	108637
Ion	Ratio	Lower	Upper
41	100		
39	57.4	45.8	68.6
67	67.1	51.3	76.9
52	29.6	23.0	34.6



#42
1,2-Dichloroethane
Concen: 49.77 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 05:21

Tgt Ion:	62	Resp:	201195
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6



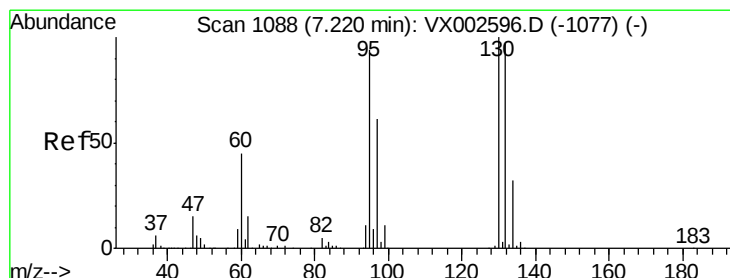
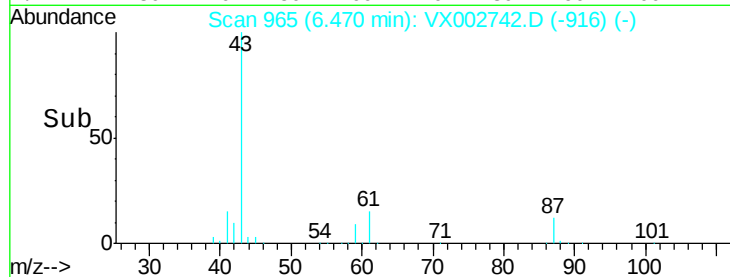
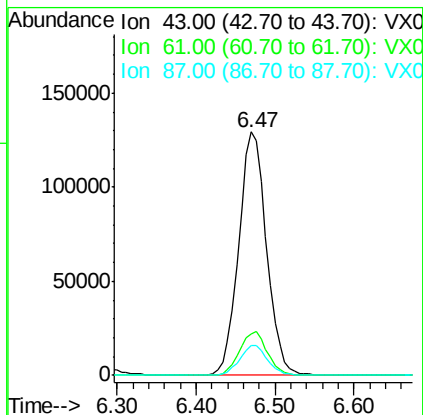
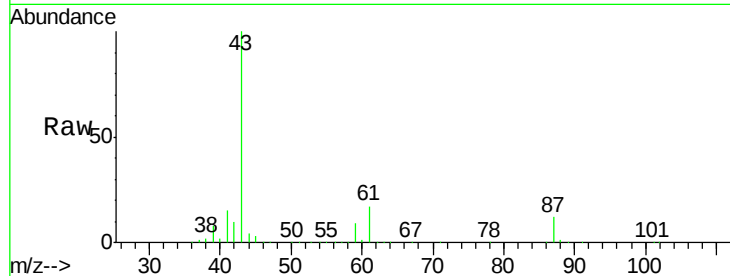


#43

Isopropyl Acetate
 Concen: 48.45 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 05:21

Instrument :
 MSVOA_X
 ClientSampled :

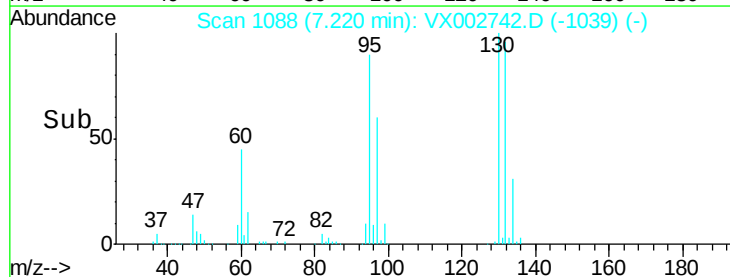
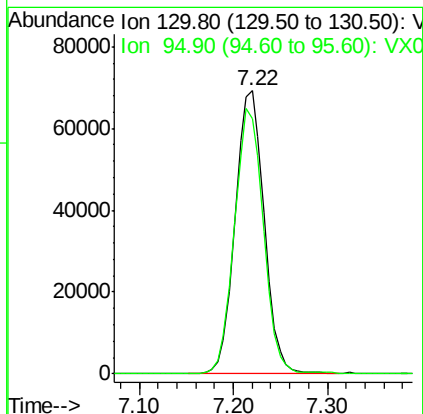
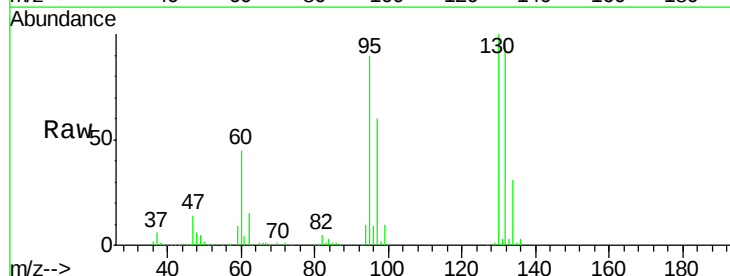
Tot Ion	43	Resp	316368
Ion Ratio	Lower	Upper	
43	100		
61	18.1	14.4	21.6
87	12.3	9.5	14.3

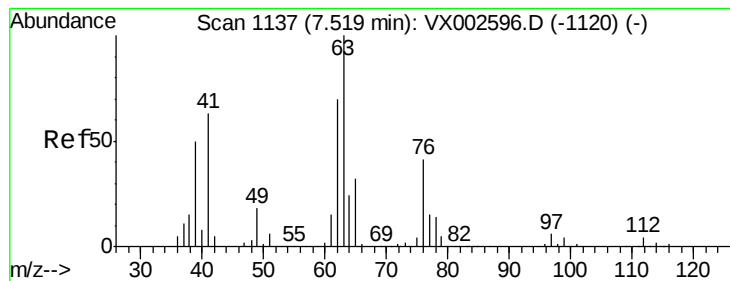


#44

Trichloroethene
 Concen: 49.45 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 05:21

Tgt Ion	130	Resp	149033
Ion Ratio	Lower	Upper	
130	100		
95	90.0	0.0	185.4





#45

1,2-Dichloropropane

Concen: 48.52 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

Instrument :

MSVOA_X

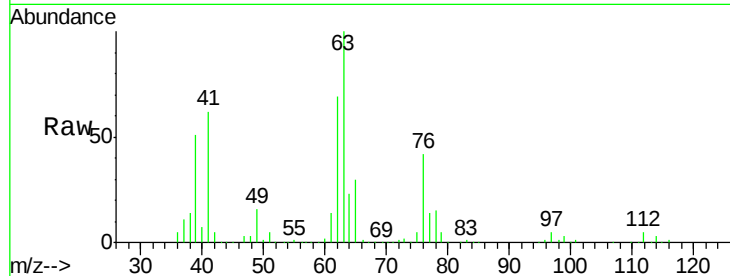
ClientSampleId :

Tot Ion: 63 Resp: 133346

Ion Ratio Lower Upper

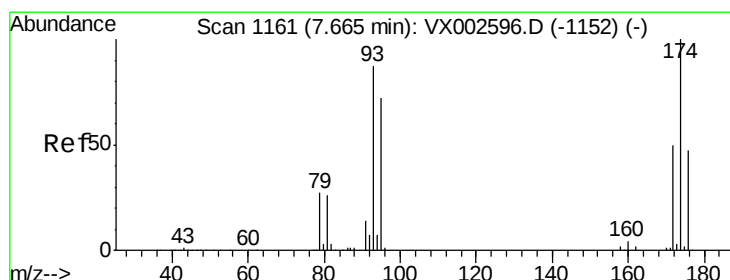
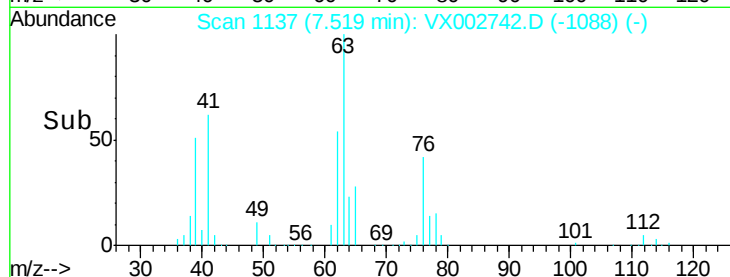
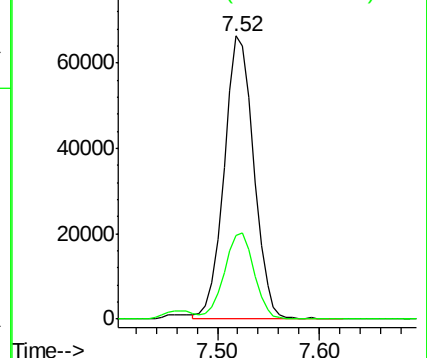
63 100

65 29.4 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: 51.33 ug/l

RT: 7.66 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

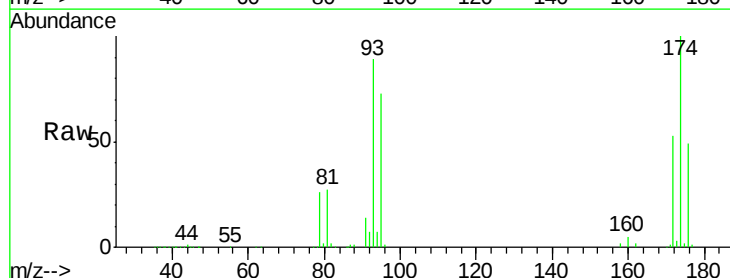
Tgt Ion: 93 Resp: 94363

Ion Ratio Lower Upper

93 100

95 81.9 65.9 98.9

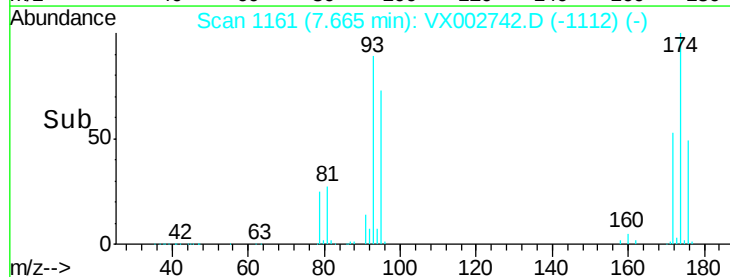
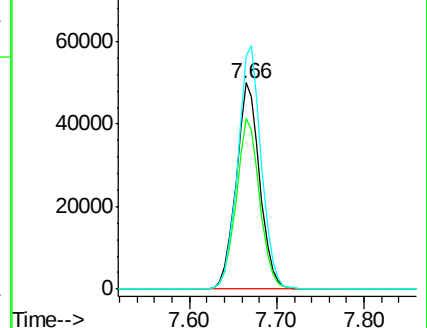
174 117.6 92.4 138.6

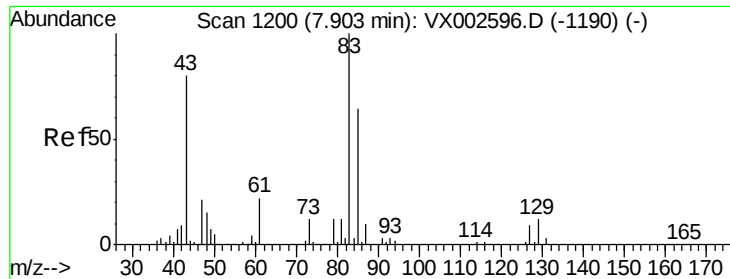


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.87 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

Instrument :
MSVOA_X
ClientSampleId :

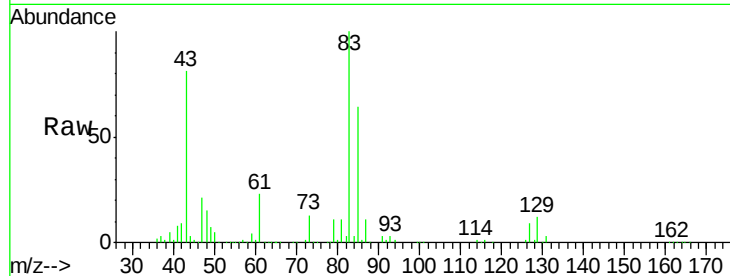
Tot Ion: 83 Resp: 174669

Ion Ratio Lower Upper

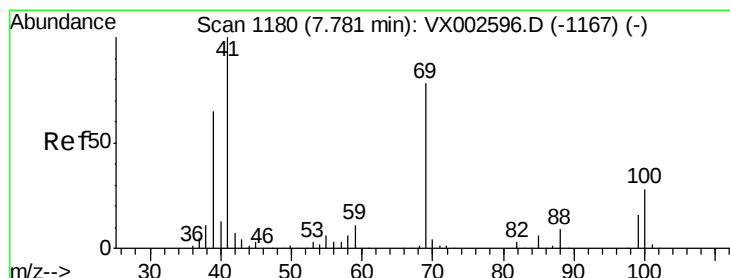
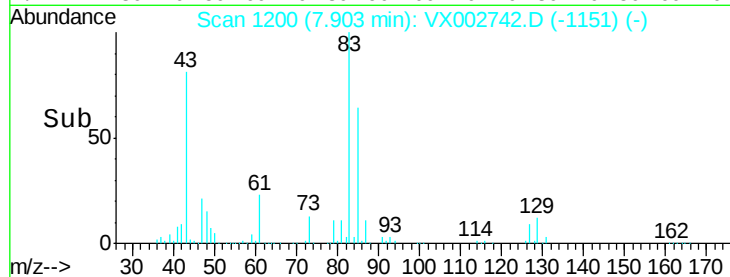
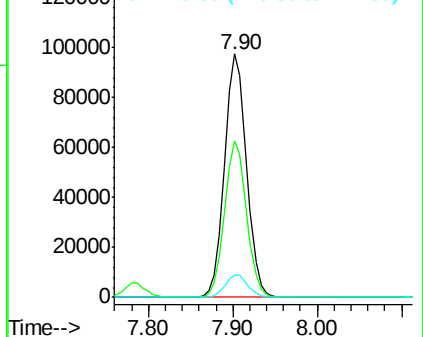
83 100

85 64.4 50.3 75.5

127 9.3 7.0 10.4



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



#48

Methyl methacrylate

Concen: 49.42 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

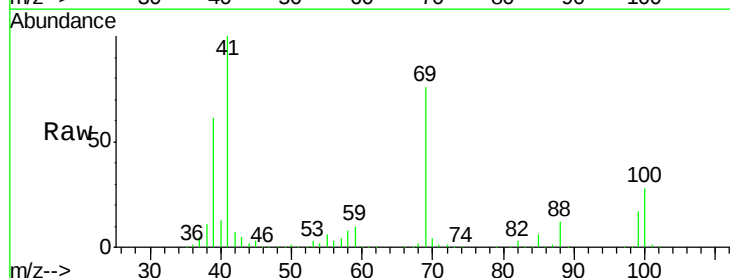
Tgt Ion: 41 Resp: 164912

Ion Ratio Lower Upper

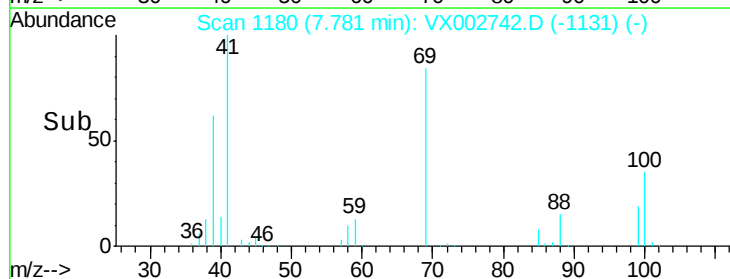
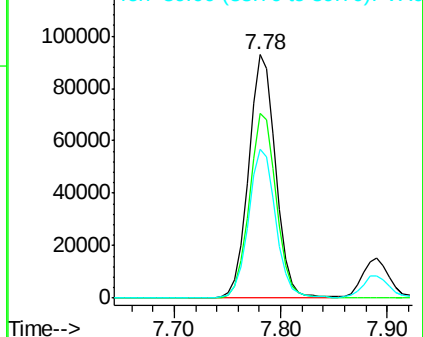
41 100

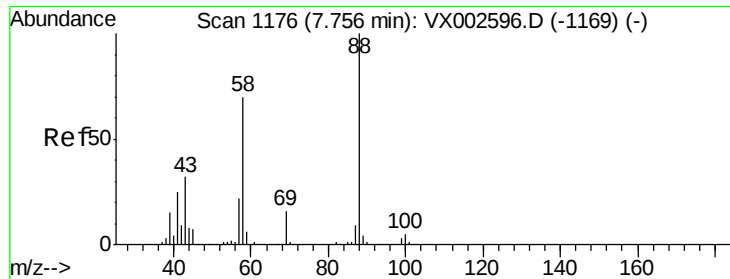
69 76.0 59.1 88.7

39 61.3 48.9 73.3



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

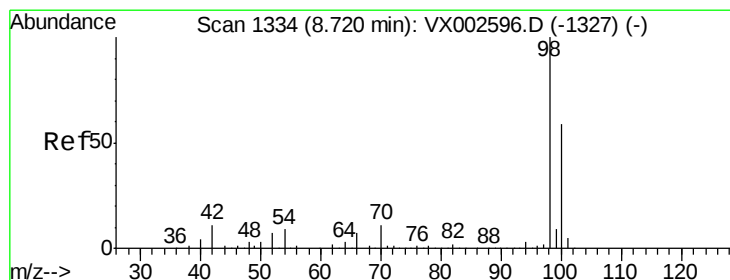
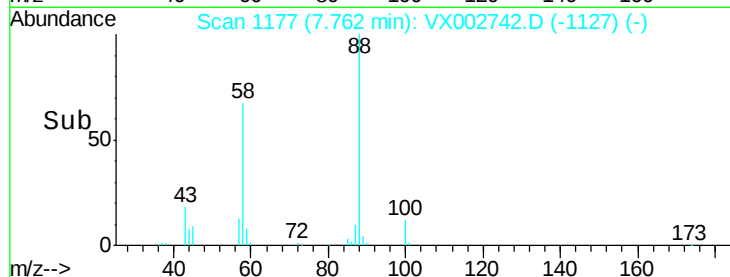
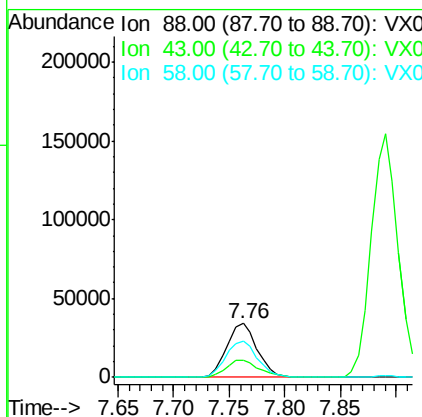
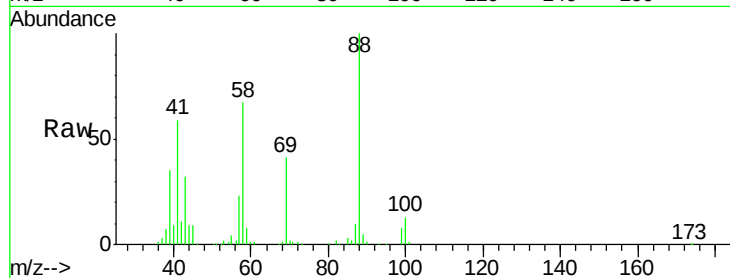




#49
1,4-Dioxane
Concen: 1034.36 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002742.D
Acq: 20 Jun 2018 05:21

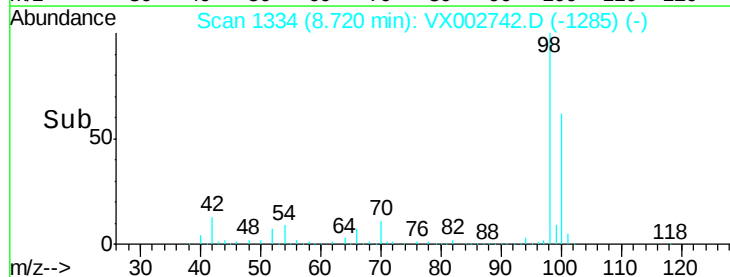
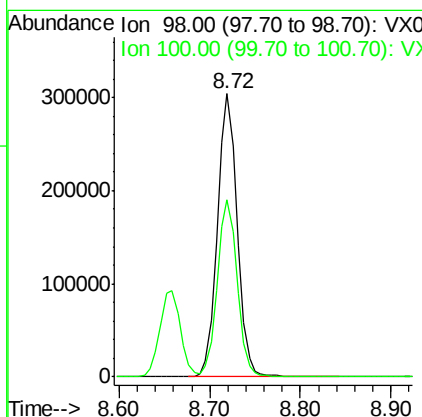
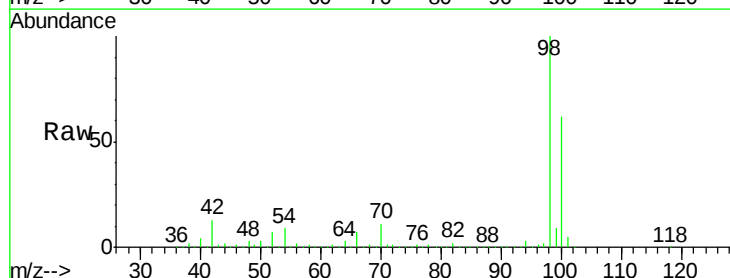
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	88	Resp	65369
Ion	Ratio	Lower	Upper
88	100		
43	35.1	29.8	44.6
58	70.1	57.1	85.7



#50
Toluene-d8
Concen: 46.52 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 05:21

Tgt Ion	98	Resp	462194
Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 249.18 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

Instrument :

MSVOA_X

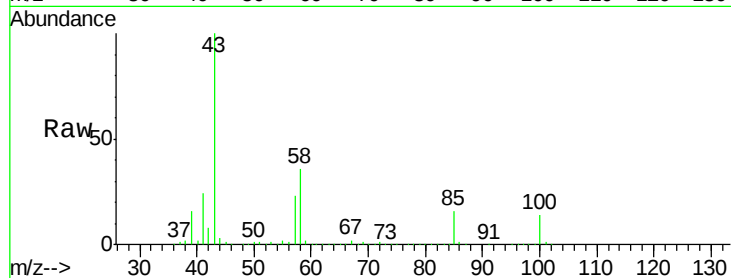
ClientSampleId :

Tot Ion: 43 Resp: 1044805

Ion Ratio Lower Upper

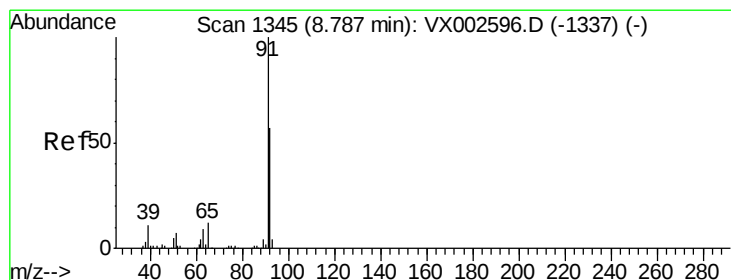
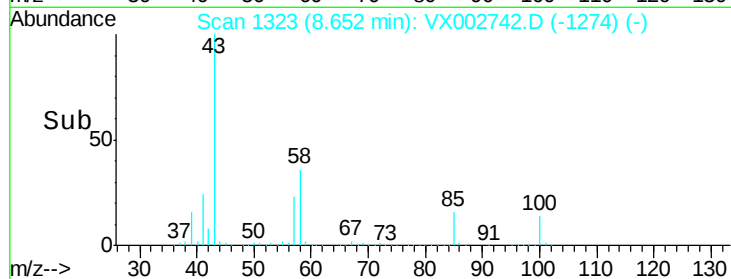
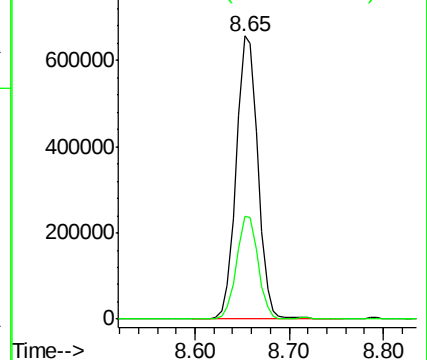
43 100

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: 50.17 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002742.D

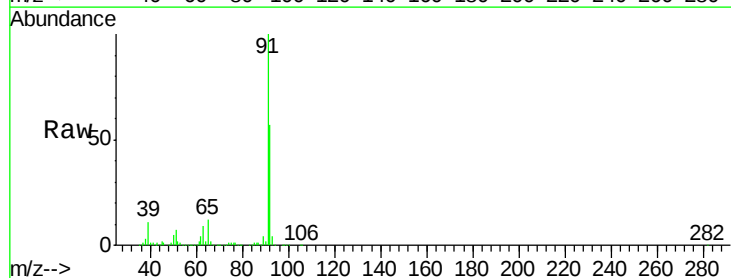
Acq: 20 Jun 2018 05:21

Tgt Ion: 92 Resp: 334201

Ion Ratio Lower Upper

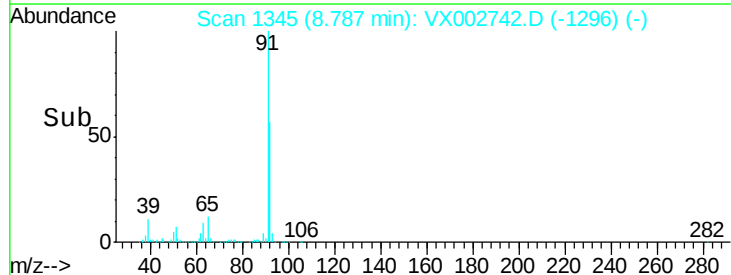
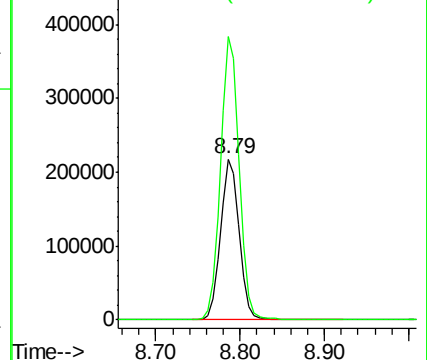
92 100

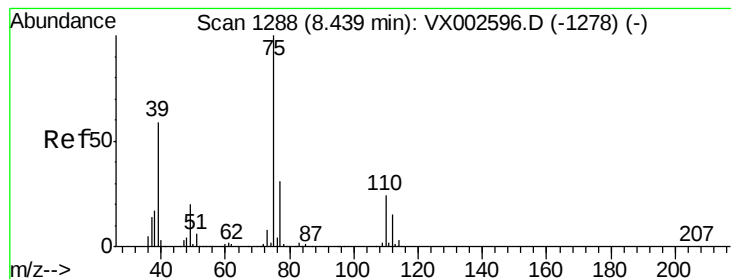
91 176.3 140.4 210.6



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: 44.45 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

Instrument :

MSVOA_X

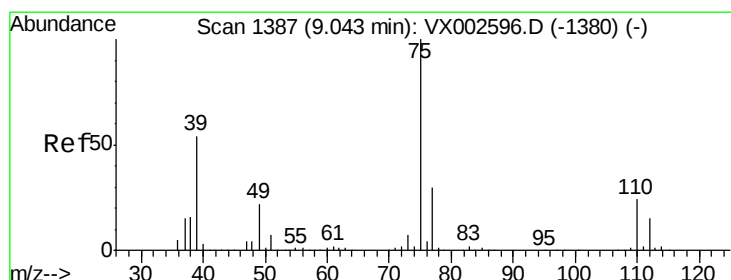
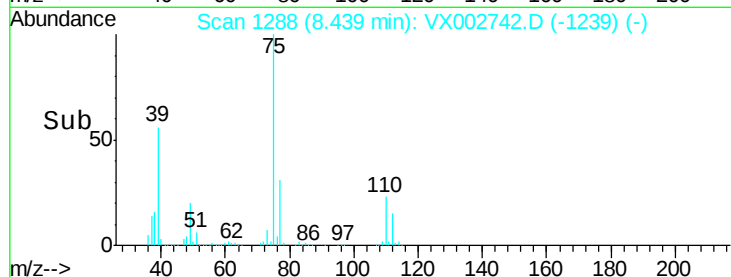
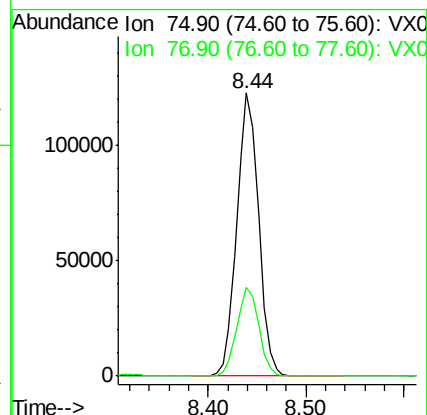
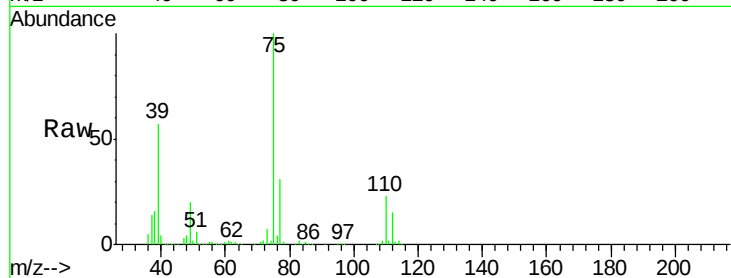
ClientSampled :

Tot Ion: 75 Resp: 189597

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 43.59 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

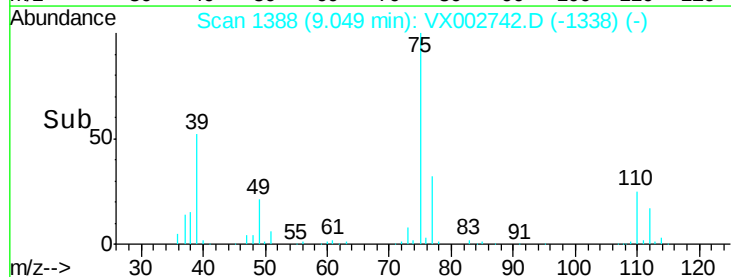
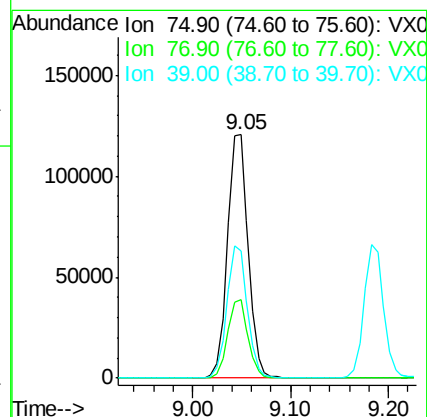
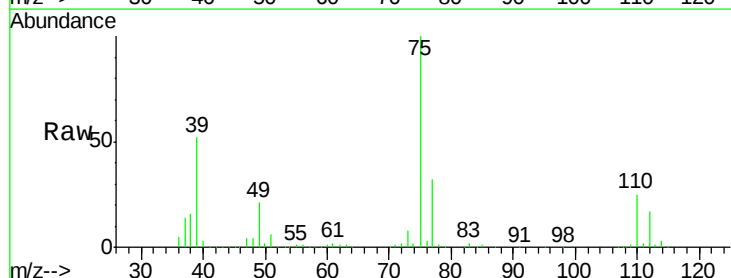
Tgt Ion: 75 Resp: 176665

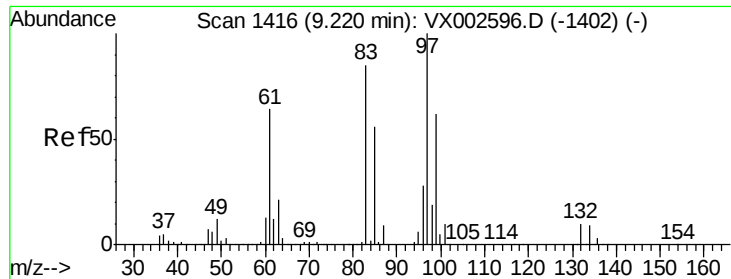
Ion Ratio Lower Upper

75 100

77 32.2 24.8 37.2

39 52.0 42.4 63.6

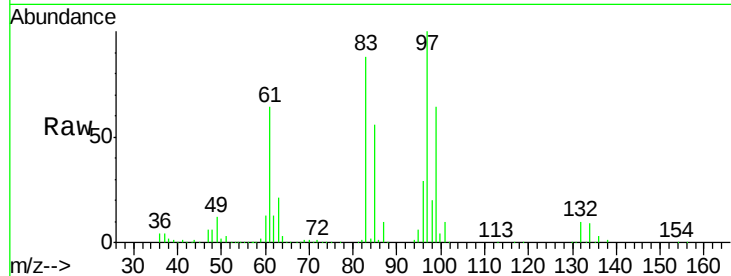




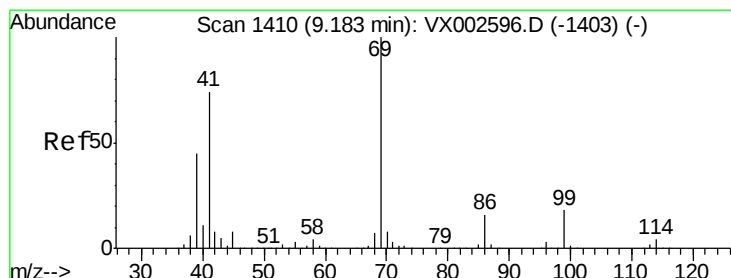
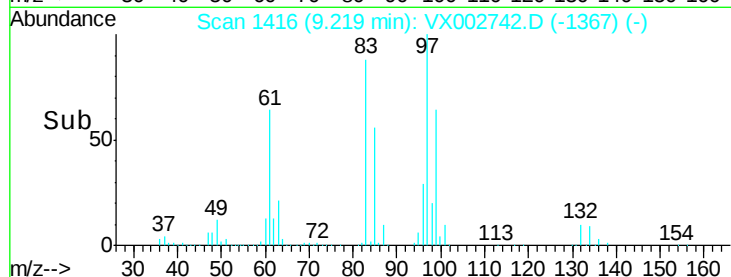
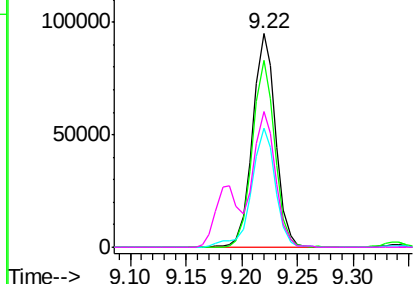
#55
 1,1,2-Trichloroethane
 Concen: 50.84 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 05:21

Instrument :
 MSVOA_X
 ClientSampleID :

Tot Ion:	97	Resp:	136821
Ion	Ratio	Lower	Upper
97	100		
83	87.7	70.2	105.2
85	55.6	44.9	67.3
99	63.7	49.8	74.8

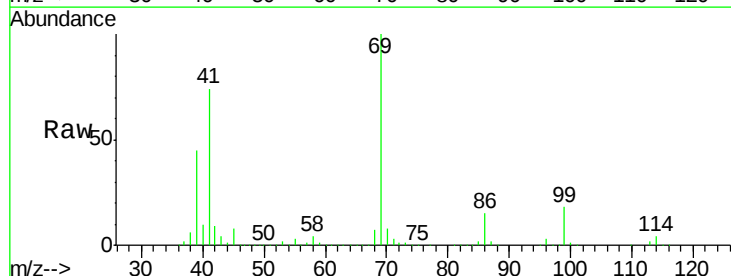


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

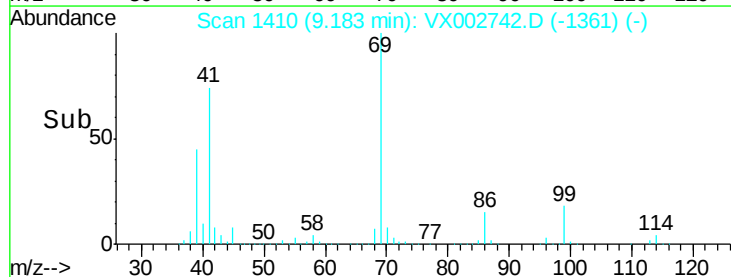
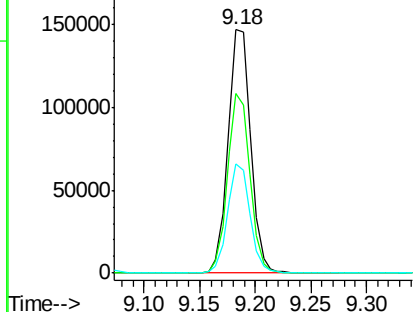


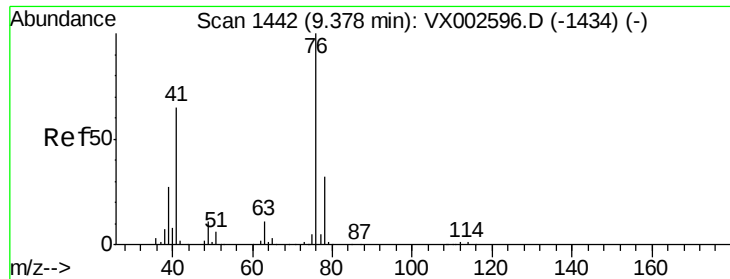
#56
 Ethyl methacrylate
 Concen: 50.05 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 05:21

Tgt Ion:	69	Resp:	207312
Ion	Ratio	Lower	Upper
69	100		
41	72.8	60.3	90.5
39	44.1	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

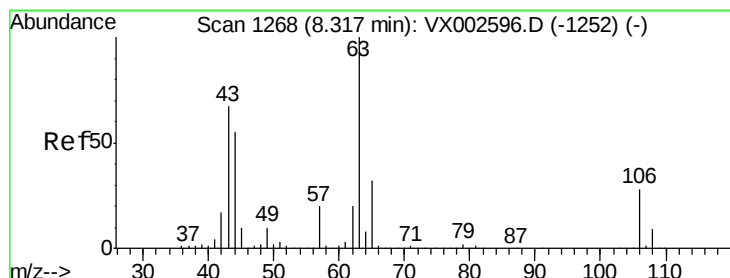
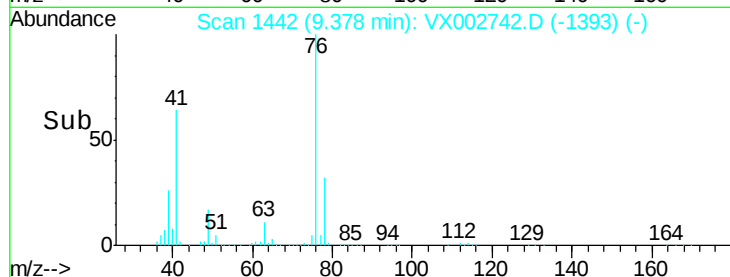
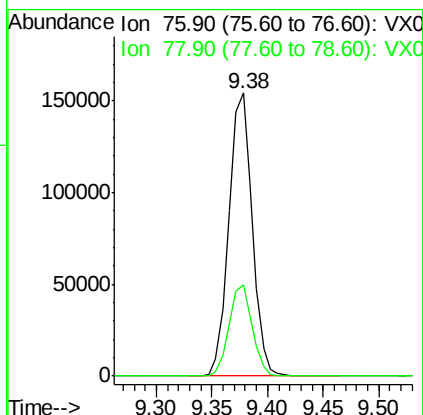
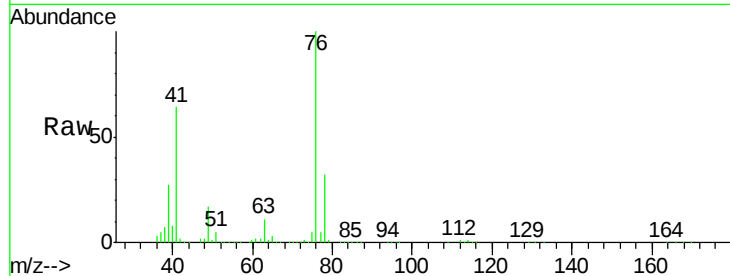




#57
 1,3-Dichloropropane
 Concen: 49.19 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 05:21

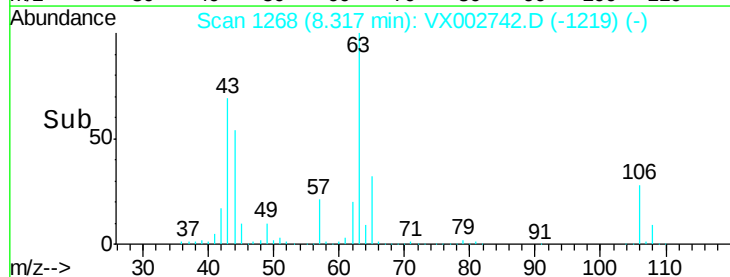
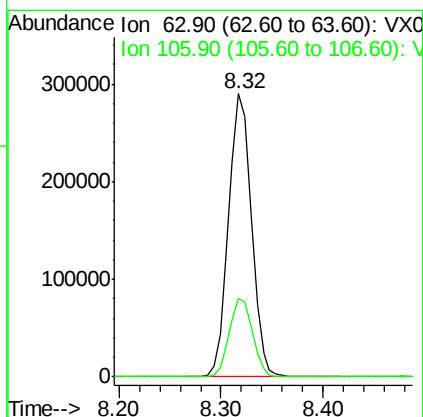
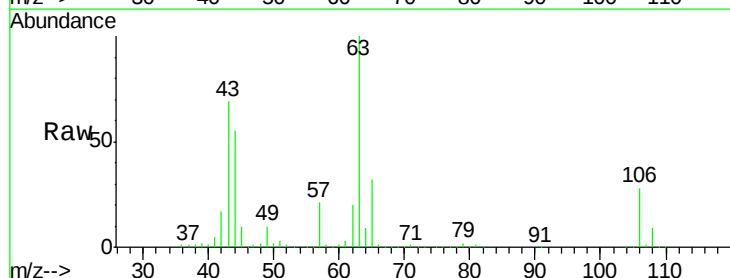
Instrument :
 MSVOA_X
 ClientSampleId :

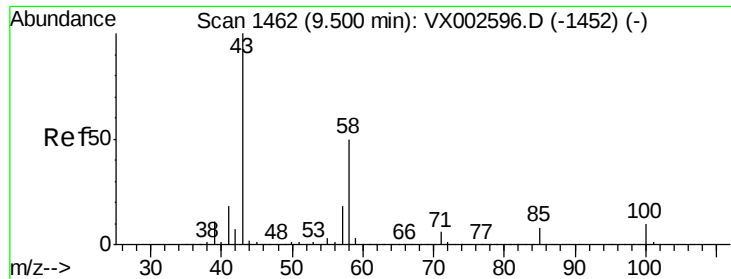
Tot Ion: 76 Resp: 223901
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 224.80 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 05:21

Tgt Ion: 63 Resp: 450355
 Ion Ratio Lower Upper
 63 100
 106 28.1 21.8 32.8

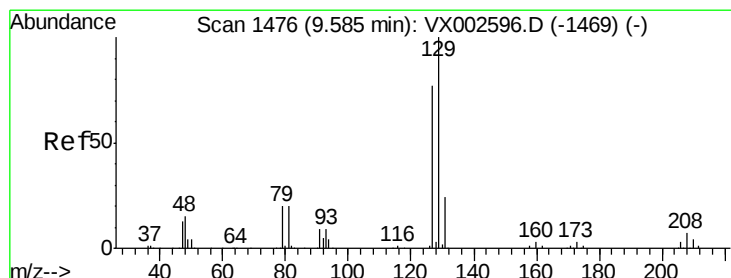
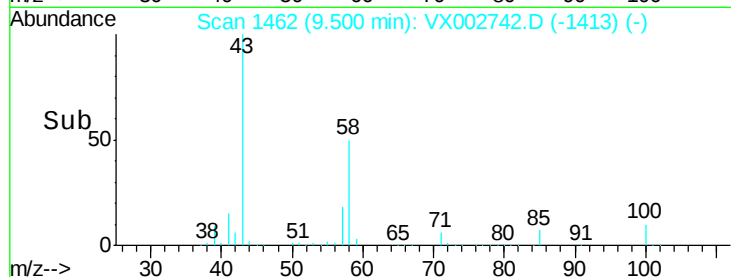
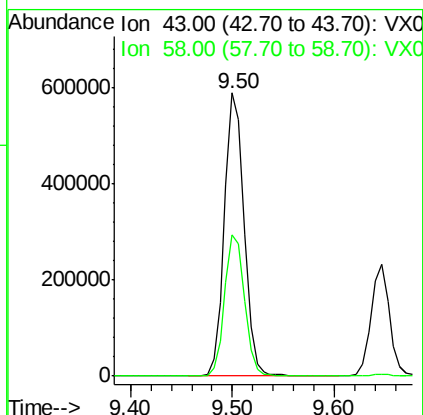
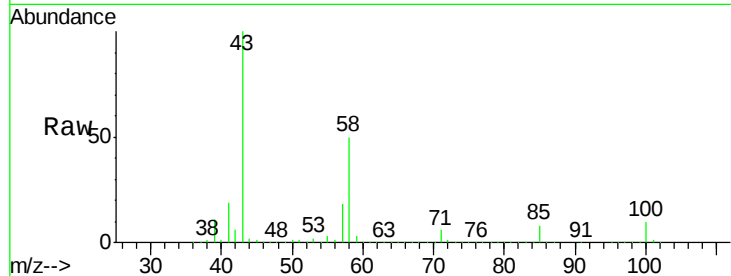




#59
2-Hexanone
Concen: 250.85 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 05:21

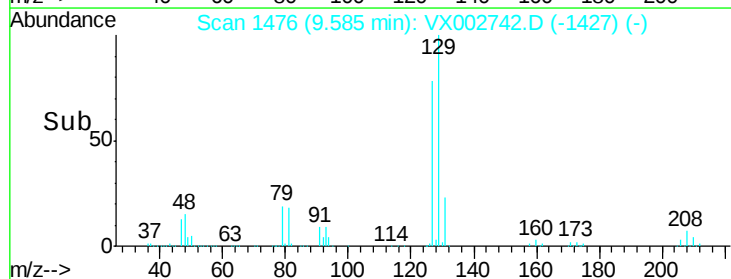
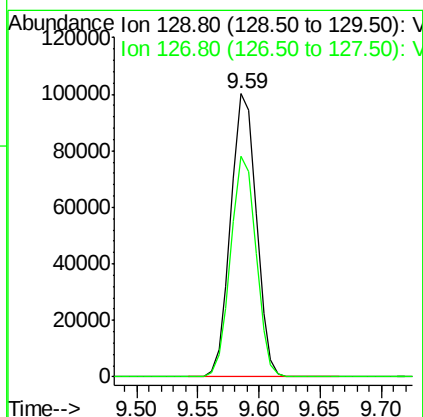
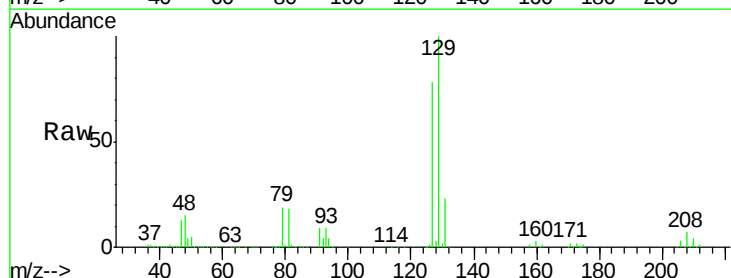
Instrument :
MSVOA_X
ClientSampleId :

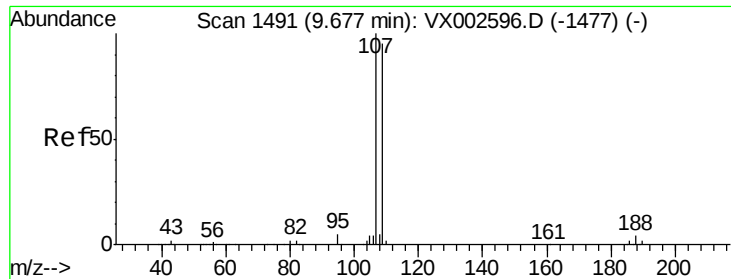
Tot Ion: 43 Resp: 792580
Ion Ratio Lower Upper
43 100
58 50.7 24.6 73.6



#60
Dibromochloromethane
Concen: 48.07 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 05:21

Tgt Ion:129 Resp: 145072
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3





#61

1,2-Dibromoethane

Concen: 52.04 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

Instrument :

MSVOA_X

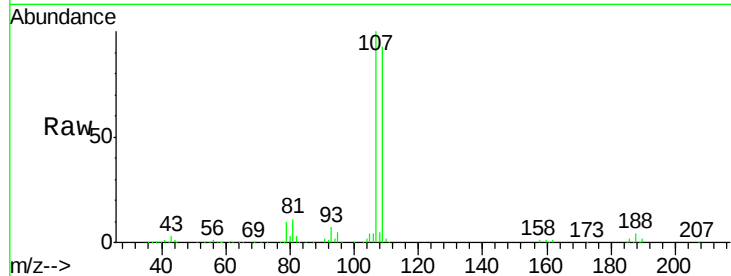
ClientSampleId :

Tot Ion:107 Resp: 145061

Ion Ratio Lower Upper

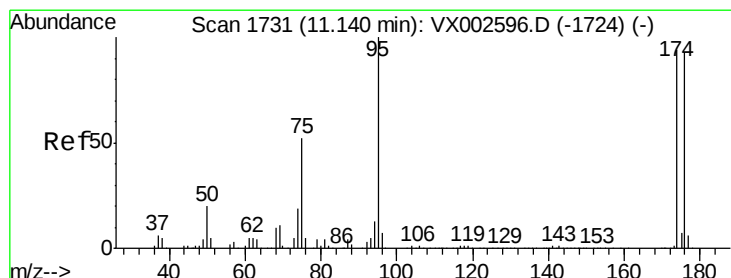
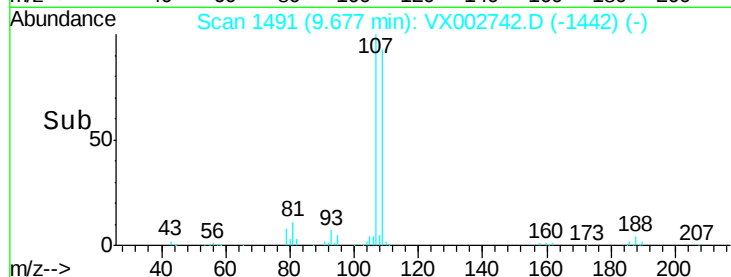
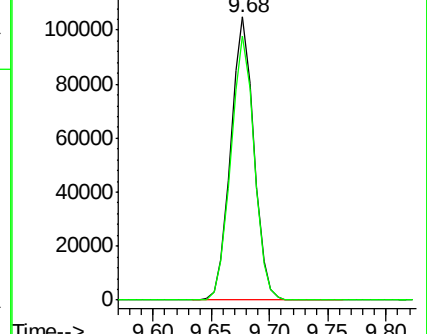
107 100

109 94.2 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.08 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

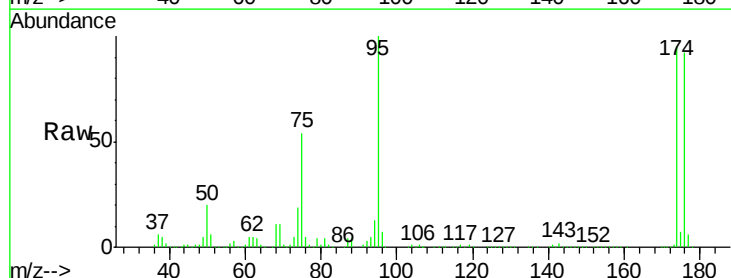
Tgt Ion: 95 Resp: 177278

Ion Ratio Lower Upper

95 100

174 97.6 0.0 187.4

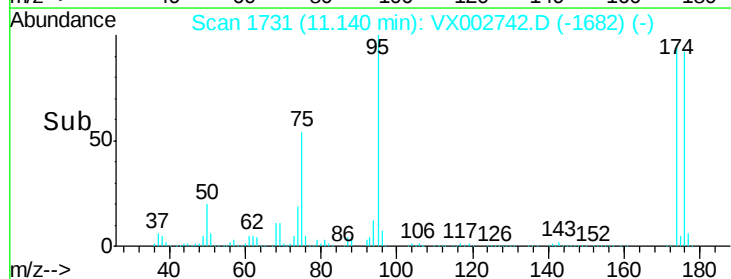
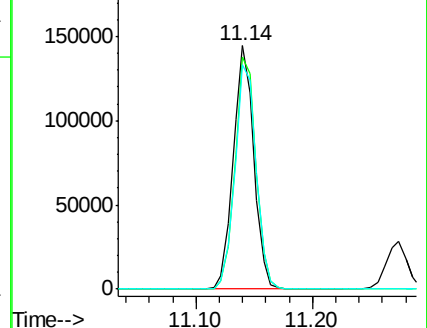
176 95.6 0.0 181.0

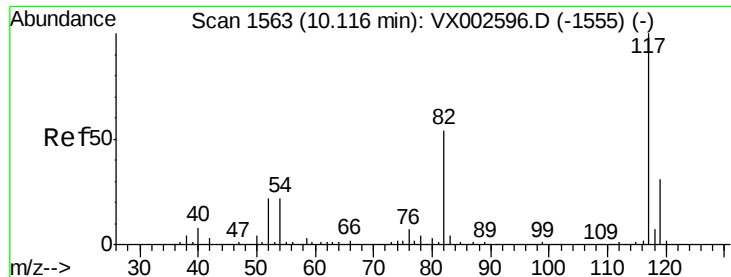


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

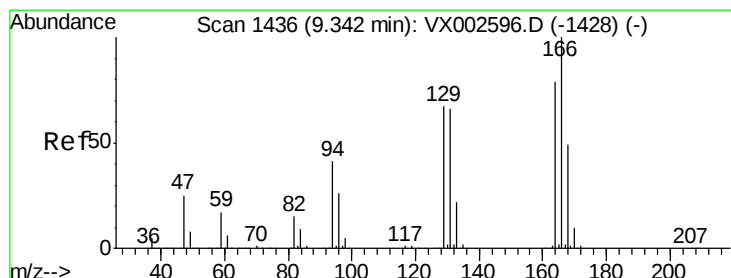
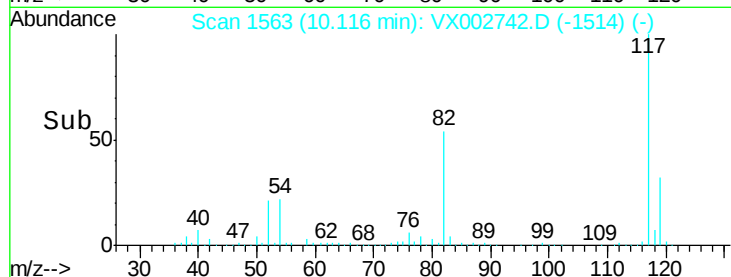
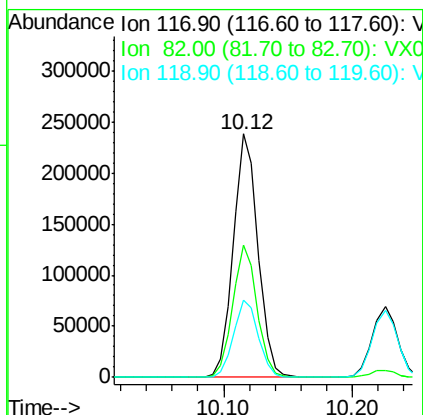
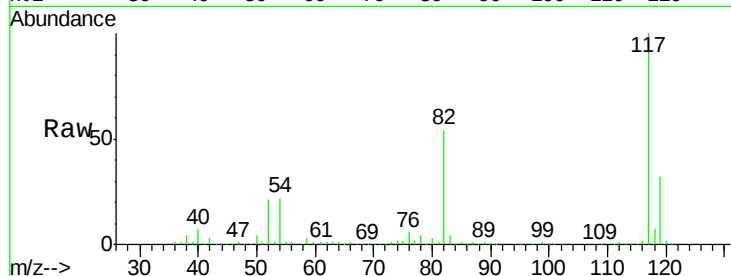




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 05:21

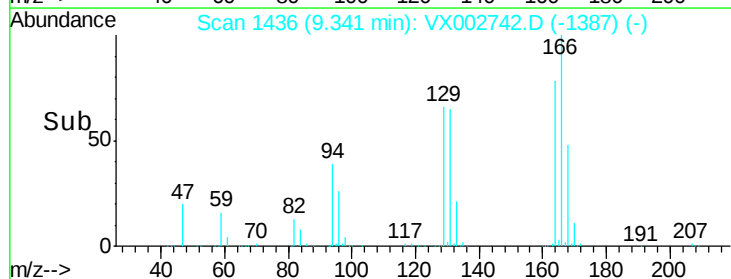
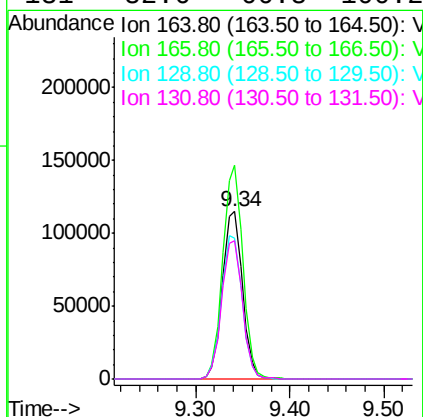
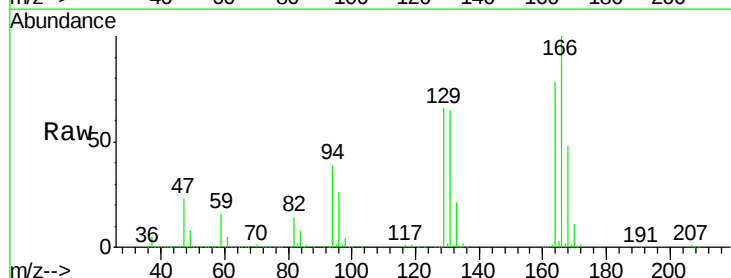
Instrument :
MSVOA_X
ClientSampleId :

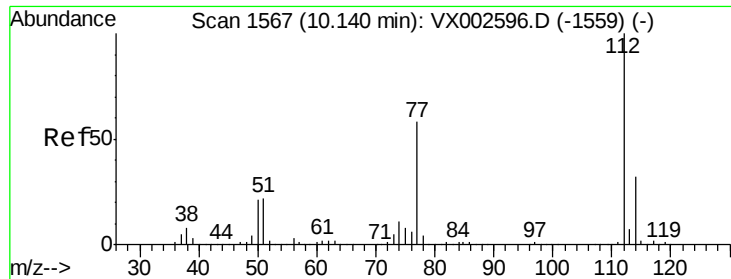
Tot Ion:117 Resp: 318635
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 31.8 25.8 38.6



#64
Tetrachloroethene
Concen: 48.26 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 05:21

Tgt Ion:164 Resp: 170677
Ion Ratio Lower Upper
164 100
166 127.7 102.9 154.3
129 84.3 68.6 102.8
131 82.6 66.8 100.2





#65

Chlorobenzene

Concen: 49.41 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

Instrument :

MSVOA_X

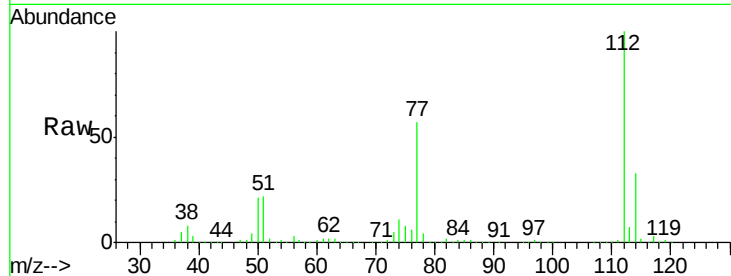
ClientSampleId :

Tot Ion:112 Resp: 386620

Ion Ratio Lower Upper

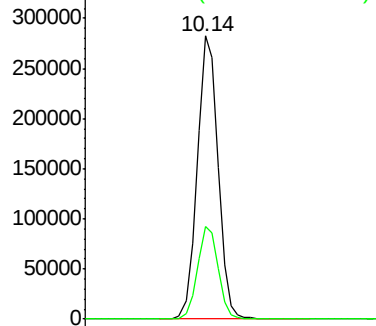
112 100

114 32.6 25.3 37.9

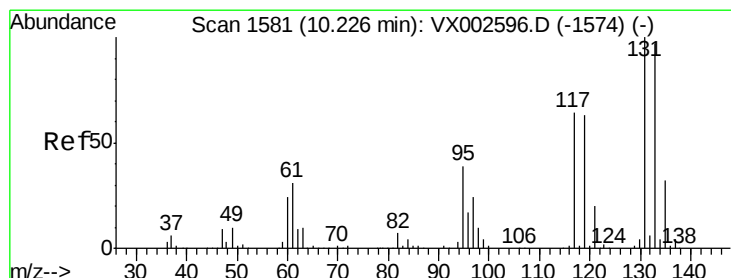
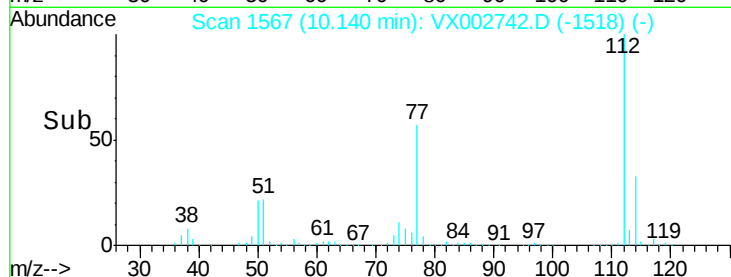


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 53.44 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

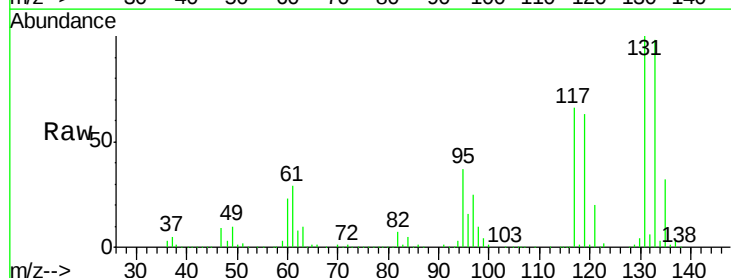
Tgt Ion:131 Resp: 142566

Ion Ratio Lower Upper

131 100

133 95.4 47.9 143.6

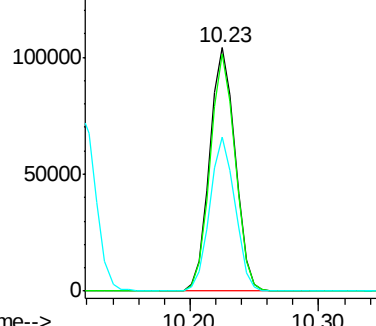
119 62.7 31.8 95.3



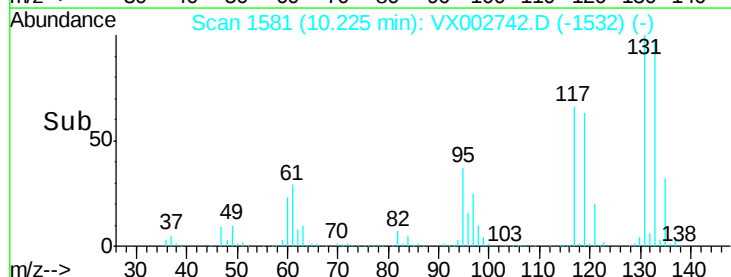
Abundance Ion 130.80 (130.50 to 131.50): V

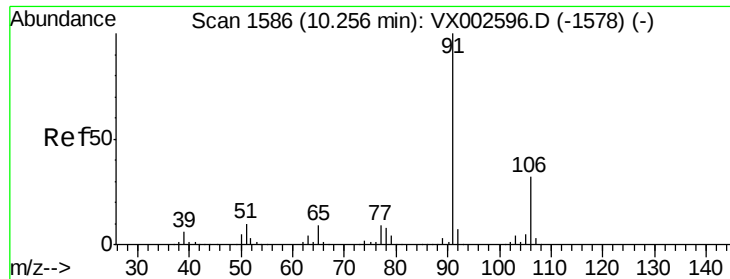
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



Time-->

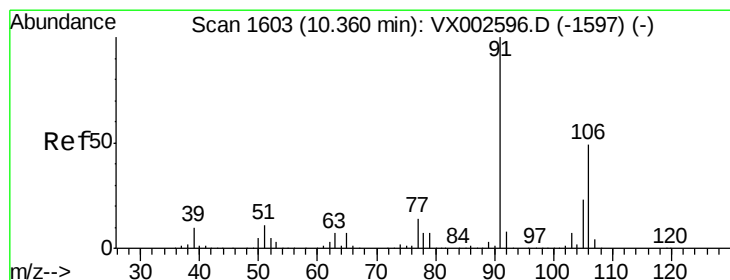
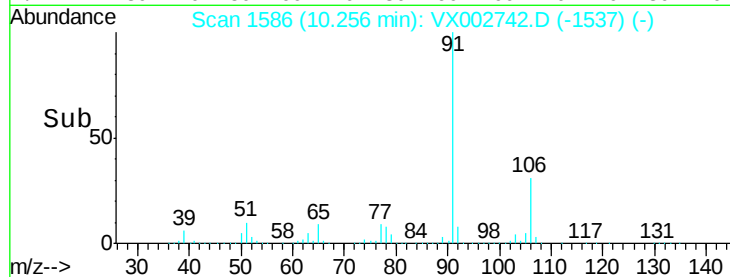
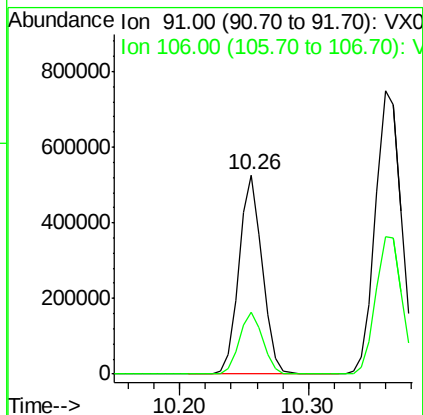
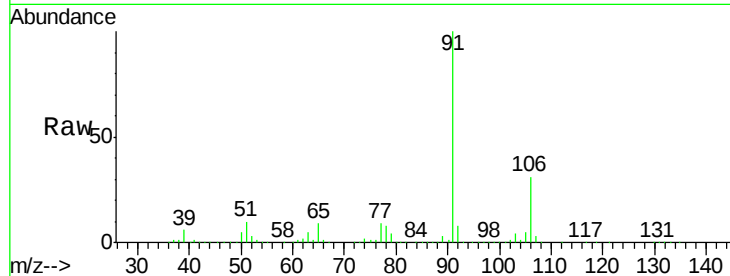




#67
Ethyl Benzene
Concen: 50.04 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 05:21

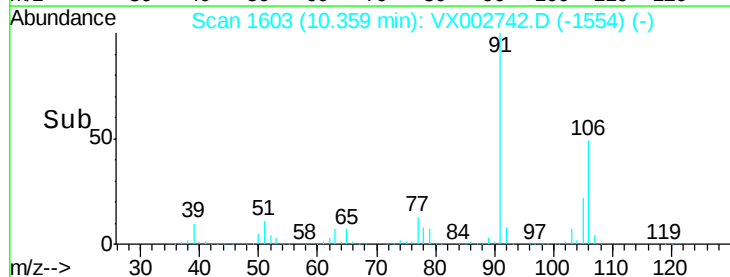
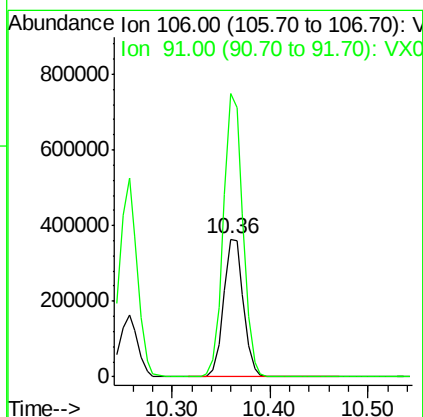
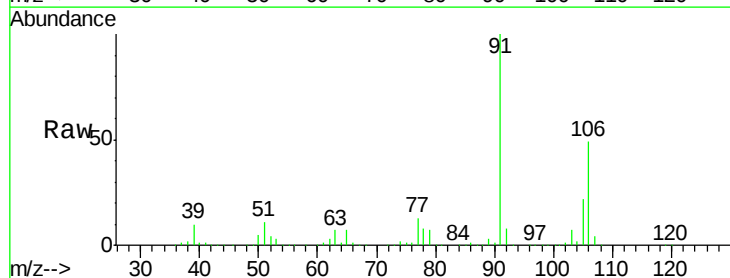
Instrument :
MSVOA_X
ClientSampleId :

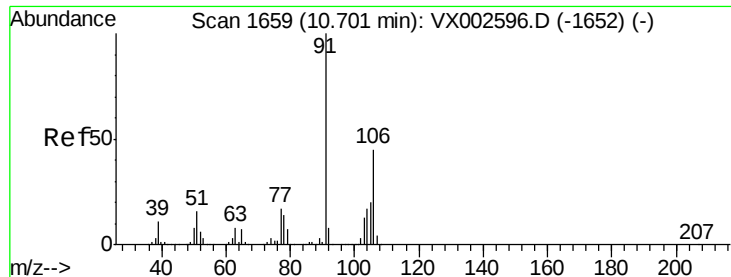
Tot Ion: 91 Resp: 660484
Ion Ratio Lower Upper
91 100
106 30.9 25.5 38.3



#68
m/p-Xylenes
Concen: 99.91 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 05:21

Tgt Ion: 106 Resp: 508658
Ion Ratio Lower Upper
106 100
91 203.7 163.4 245.2

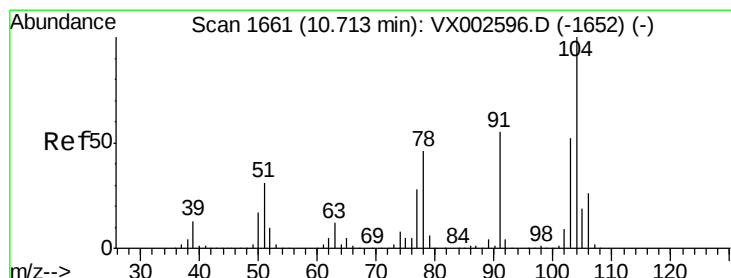
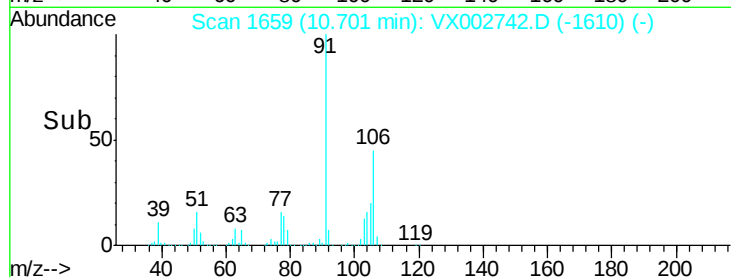
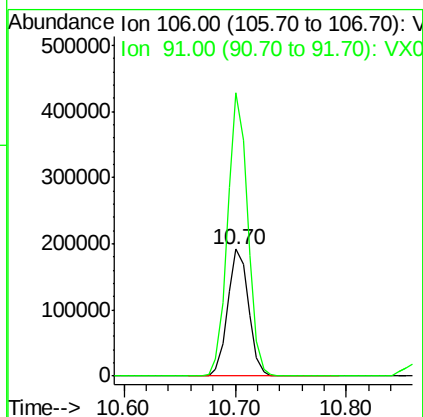
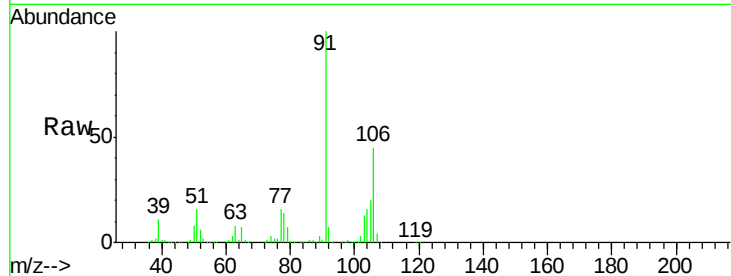




#69
o-Xylene
Concen: 49.65 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 05:21

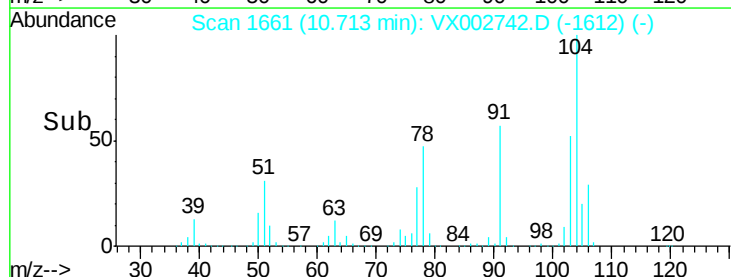
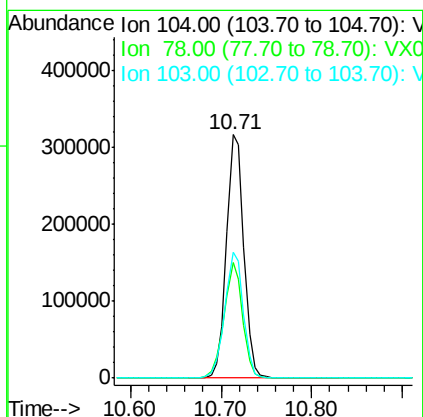
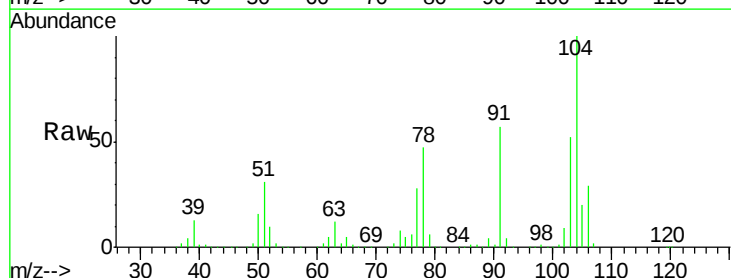
Instrument :
MSVOA_X
ClientSampled :

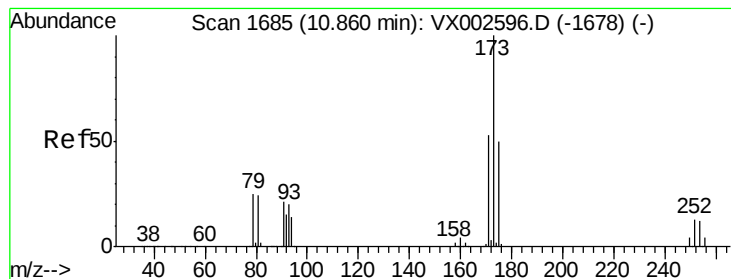
Tot Ion:106 Resp: 248380
Ion Ratio Lower Upper
106 100
91 215.8 108.2 324.6



#70
Styrene
Concen: 51.18 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002742.D
Acq: 20 Jun 2018 05:21

Tgt Ion:104 Resp: 421015
Ion Ratio Lower Upper
104 100
78 50.6 41.0 61.6
103 55.4 44.2 66.4





#71

Bromoform

Concen: 46.73 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

Instrument :

MSVOA_X

ClientSampleId :

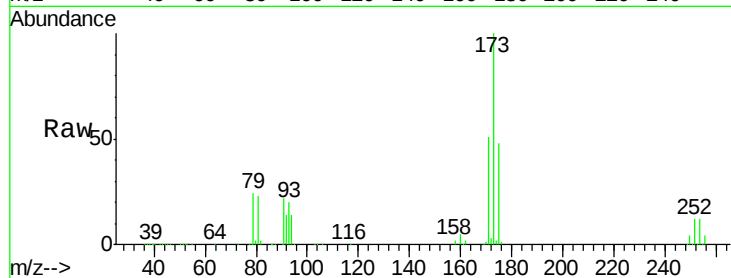
Tot Ion:173 Resp: 112639

Ion Ratio Lower Upper

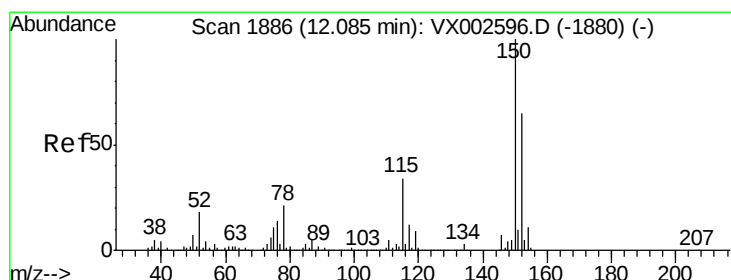
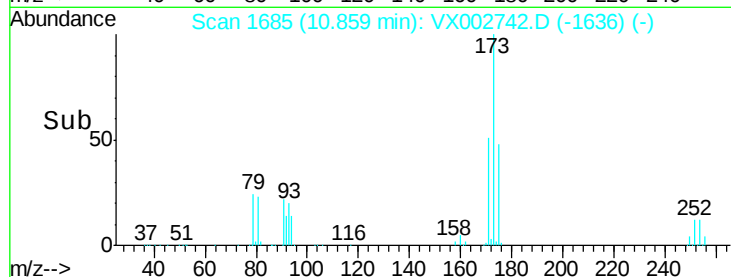
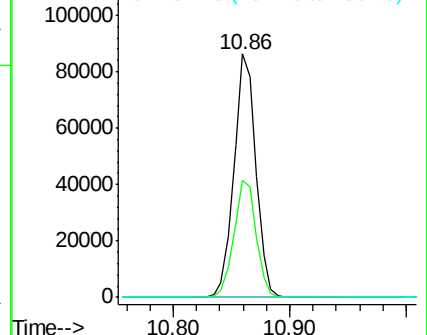
173 100

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: VX002742.D

Acq: 20 Jun 2018 05:21

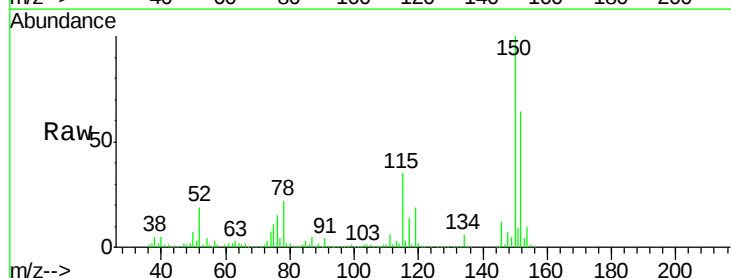
Tgt Ion:152 Resp: 202763

Ion Ratio Lower Upper

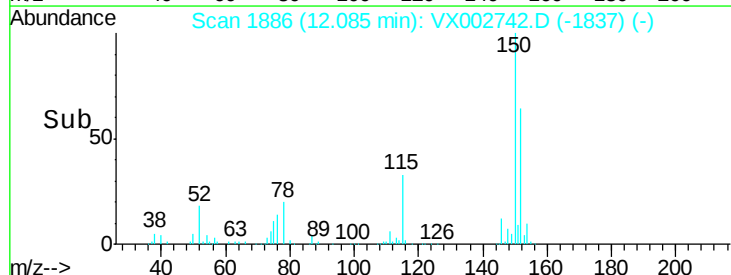
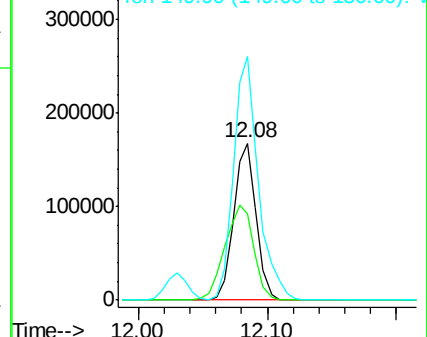
152 100

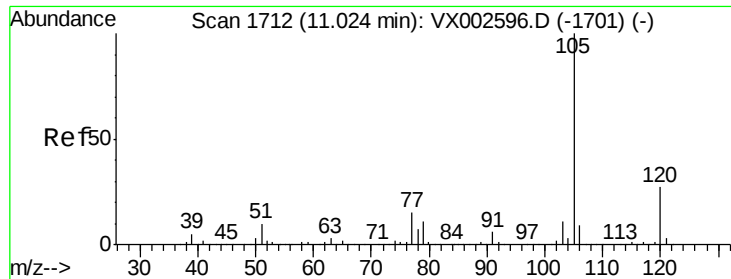
115 78.8 40.1 120.2

150 173.0 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: 49.51 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

Instrument :

MSVOA_X

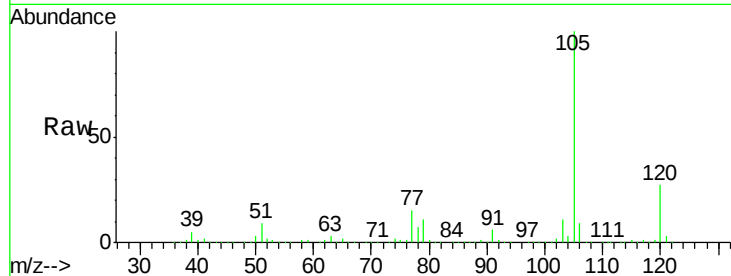
ClientSampleId :

Tot Ion:105 Resp: 671346

Ion Ratio Lower Upper

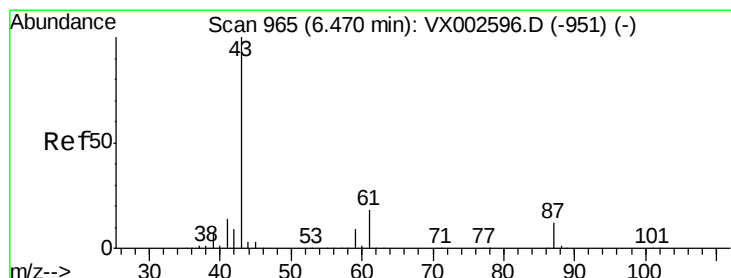
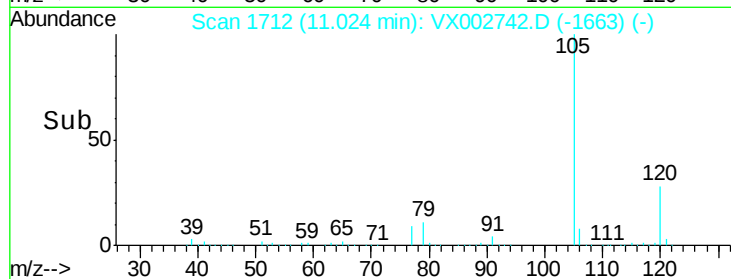
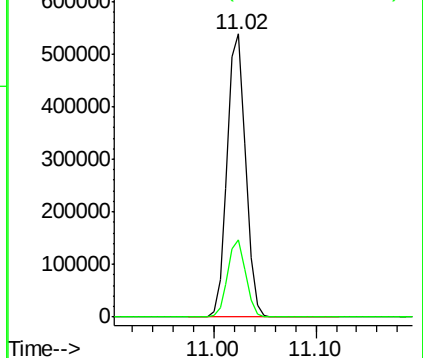
105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.95 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

Tgt Ion: 43 Resp: 316368

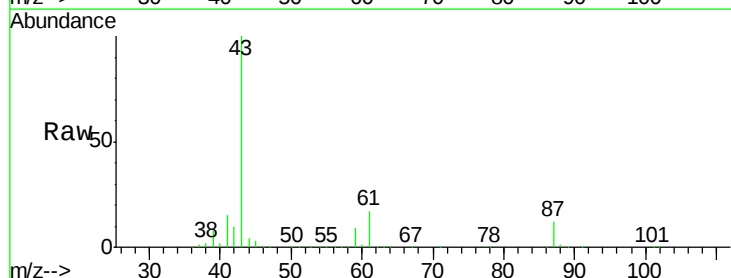
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 18.1 14.4 21.6

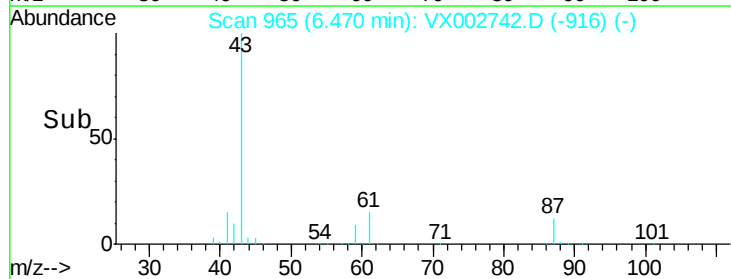
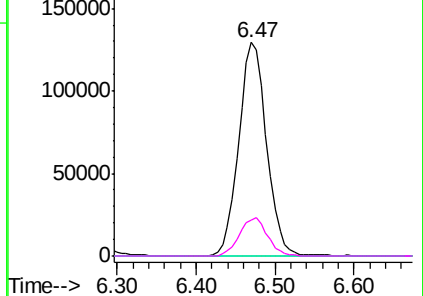


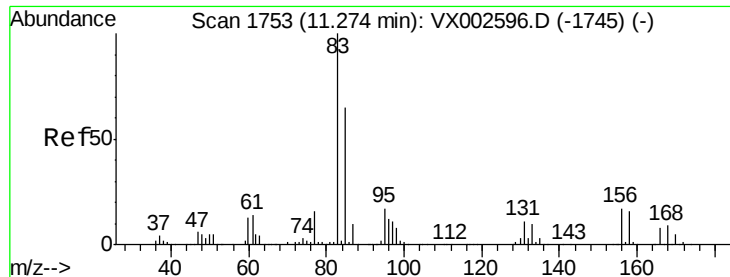
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.45 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

Instrument :

MSVOA_X

ClientSampleId :

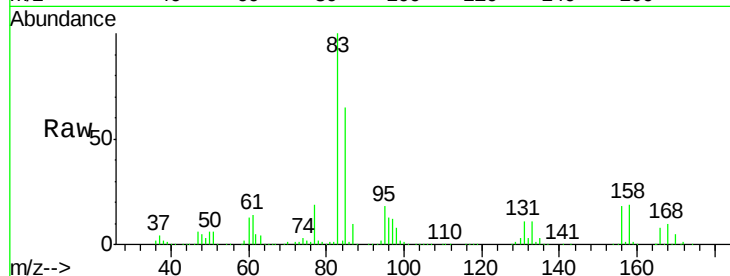
Tot Ion: 83 Resp: 206042

Ion Ratio Lower Upper

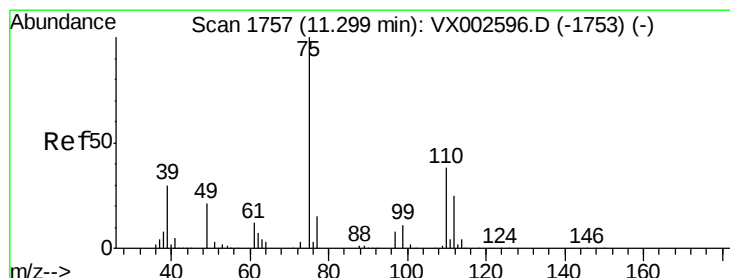
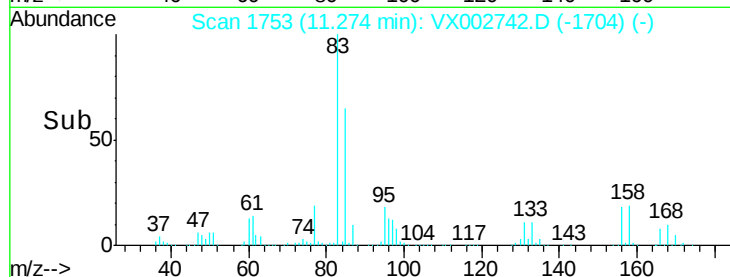
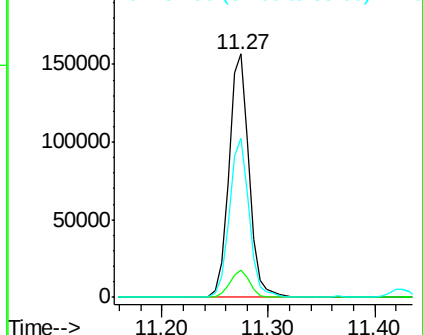
83 100

131 11.1 5.6 16.8

85 64.8 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: 59.08 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002742.D

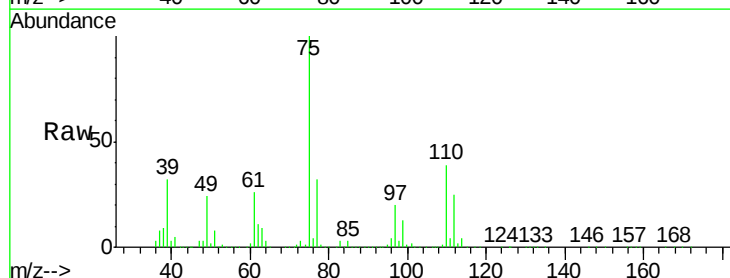
Acq: 20 Jun 2018 05:21

Tgt Ion: 75 Resp: 226063

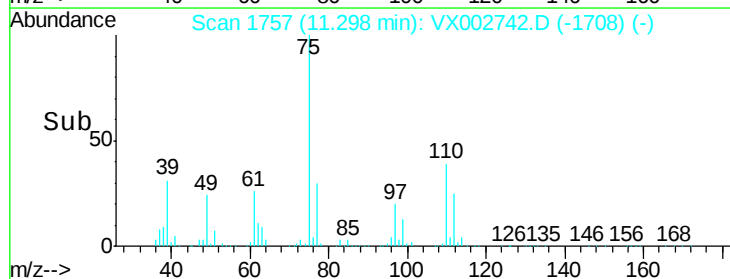
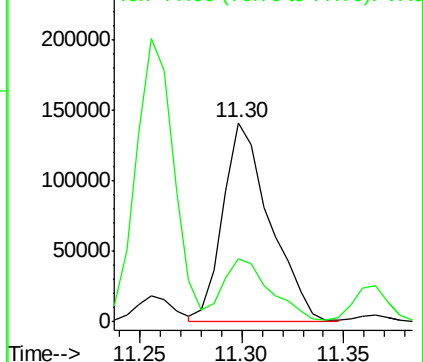
Ion Ratio Lower Upper

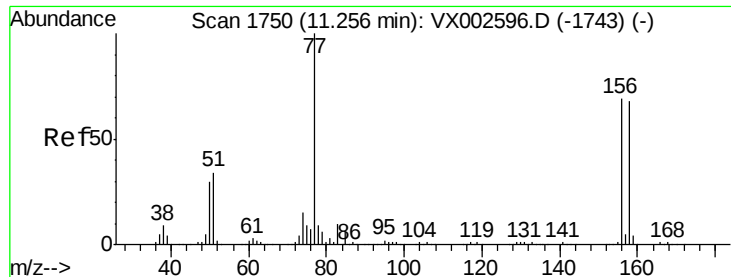
75 100

77 32.0 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: 49.72 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

Instrument :

MSVOA_X

ClientSampleId :

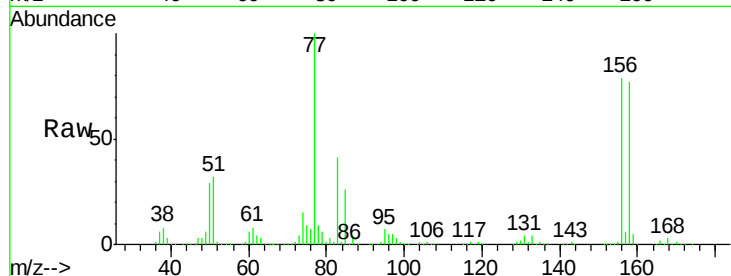
Tot Ion:156 Resp: 187838

Ion Ratio Lower Upper

156 100

77 137.3 71.4 214.2

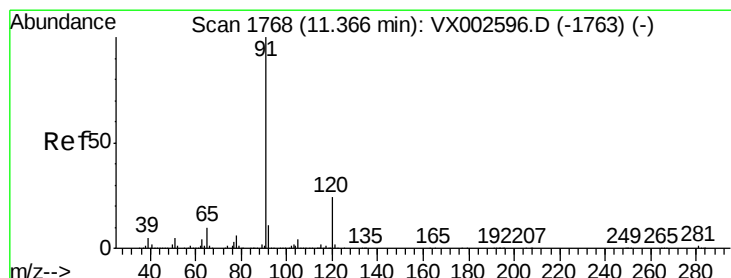
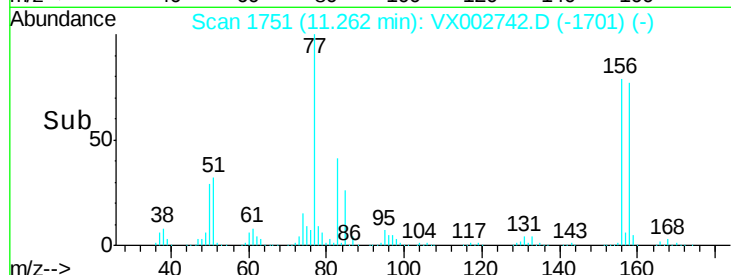
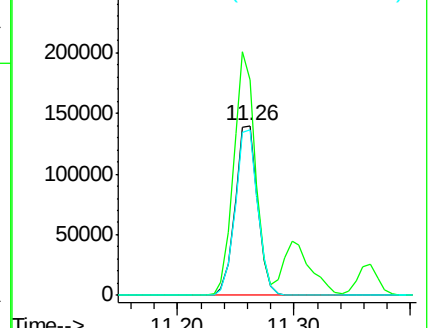
158 97.6 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.94 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002742.D

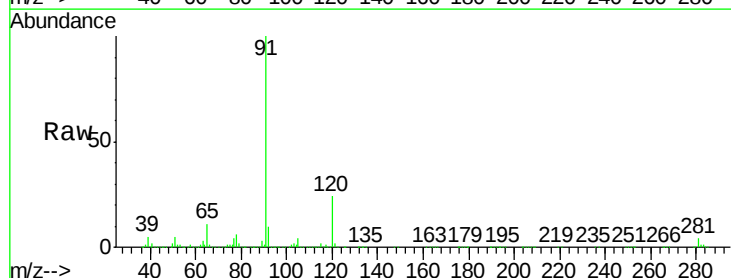
Acq: 20 Jun 2018 05:21

Tgt Ion: 91 Resp: 761212

Ion Ratio Lower Upper

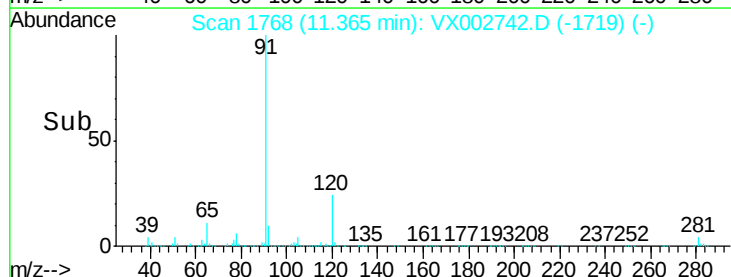
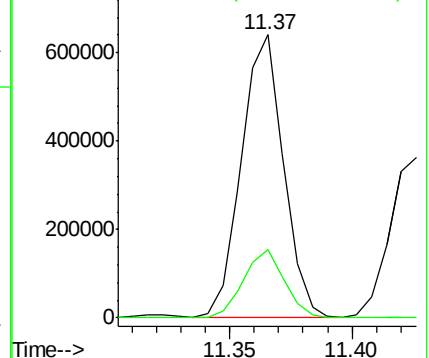
91 100

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: 49.13 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

Instrument :

MSVOA_X

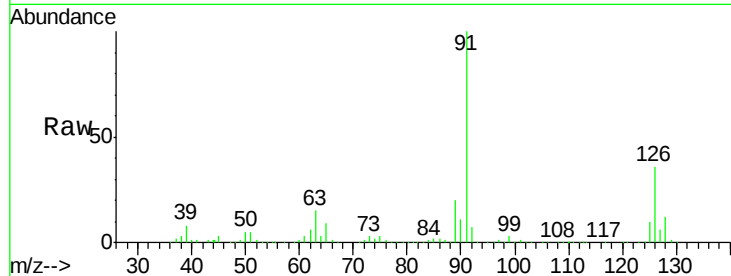
ClientSampleId :

Tot Ion: 91 Resp: 456178

Ion Ratio Lower Upper

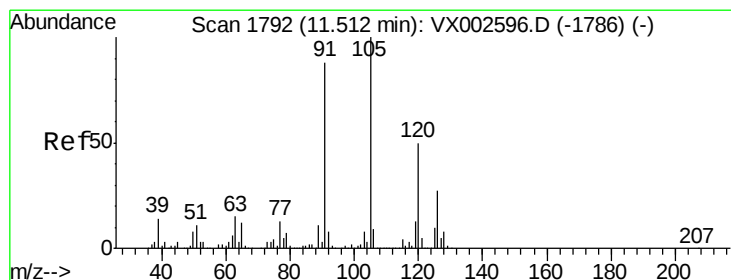
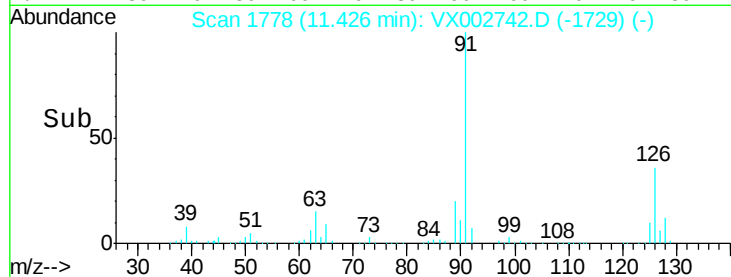
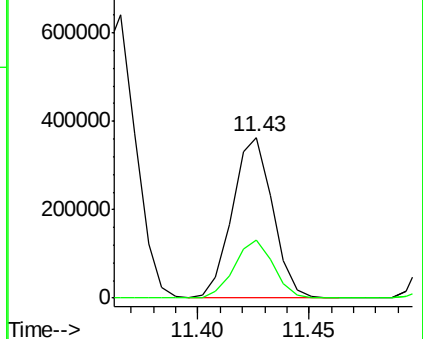
91 100

126 35.4 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: 49.79 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002742.D

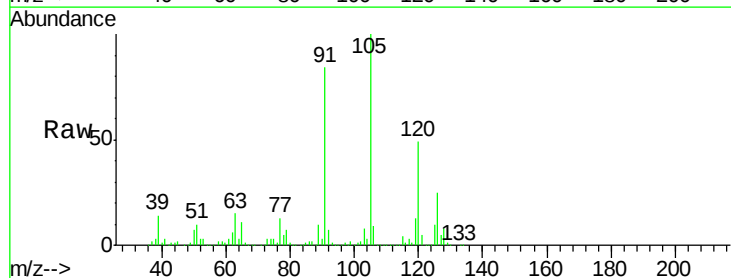
Acq: 20 Jun 2018 05:21

Tgt Ion:105 Resp: 570667

Ion Ratio Lower Upper

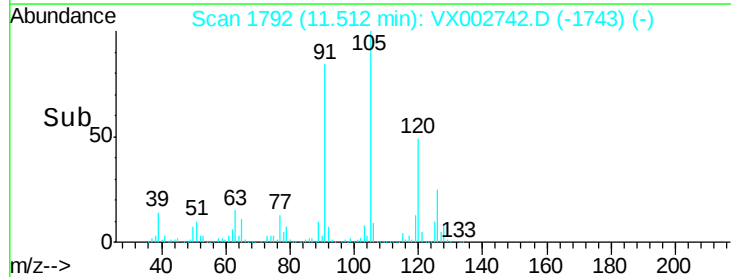
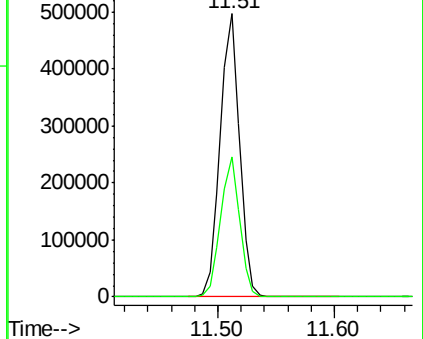
105 100

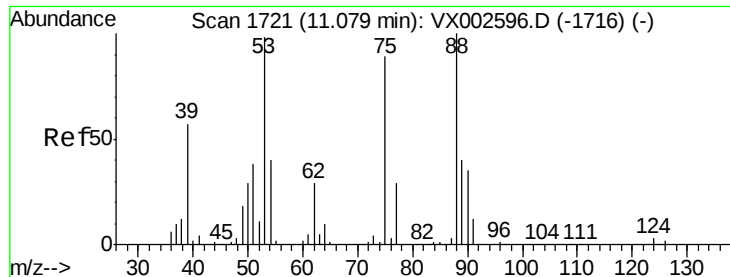
120 48.8 24.4 73.4



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: 38.41 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

Instrument :

MSVOA_X

ClientSampleId :

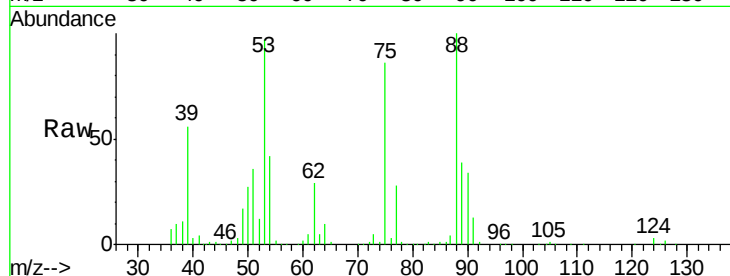
Tot Ion: 75 Resp: 44659

Ion Ratio Lower Upper

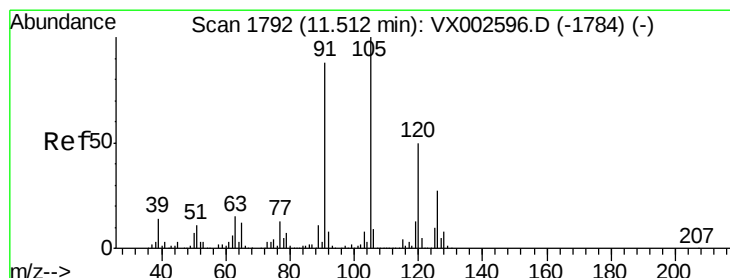
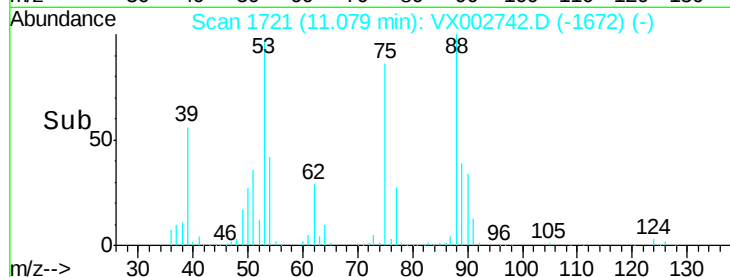
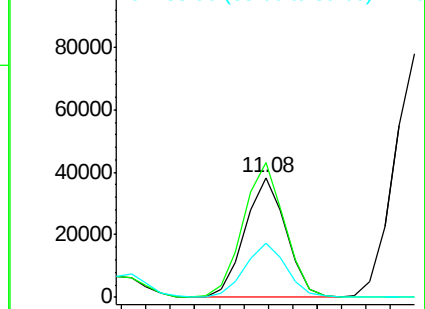
75 100

53 114.5 86.8 130.2

89 46.1 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: 49.35 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002742.D

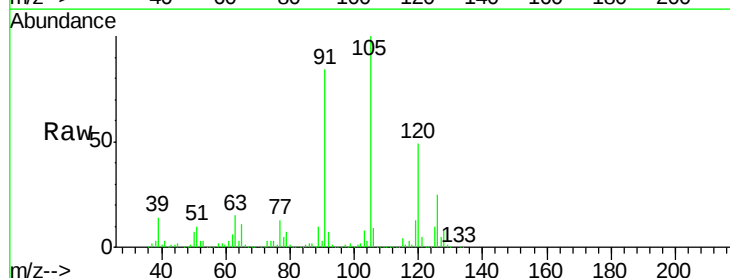
Acq: 20 Jun 2018 05:21

Tgt Ion: 91 Resp: 540702

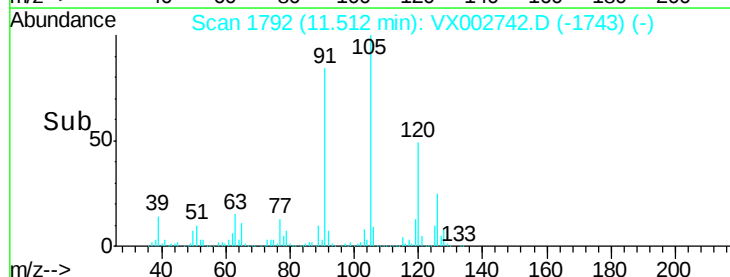
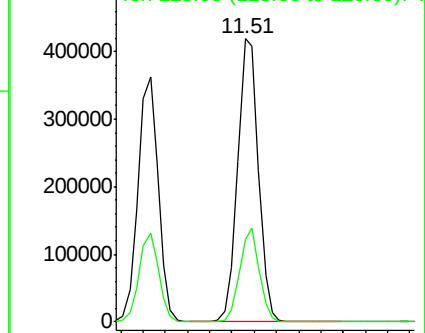
Ion Ratio Lower Upper

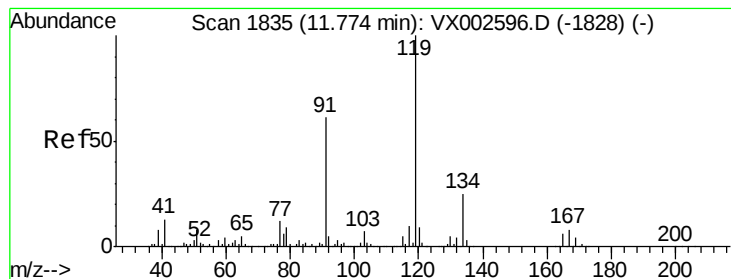
91 100

126 31.4 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: 50.38 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

Instrument :

MSVOA_X

ClientSampleId :

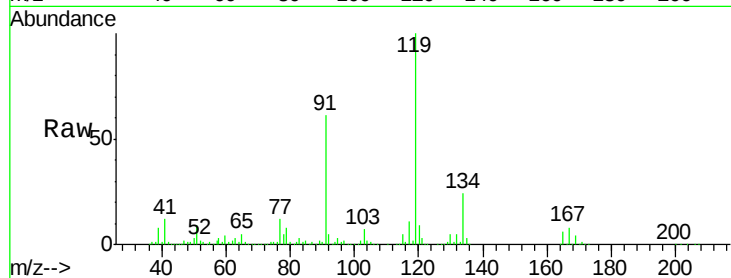
Tot Ion:119 Resp: 556208

Ion Ratio Lower Upper

119 100

91 58.9 30.3 90.9

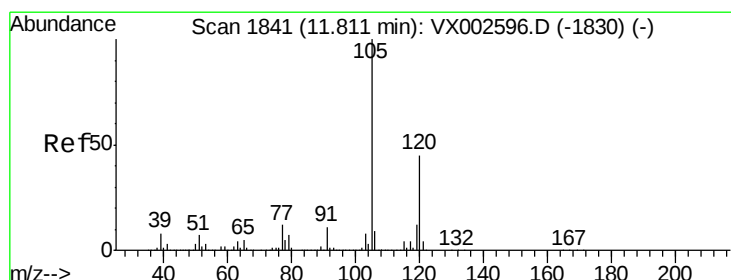
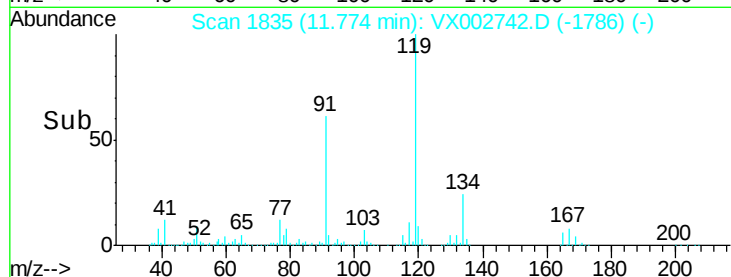
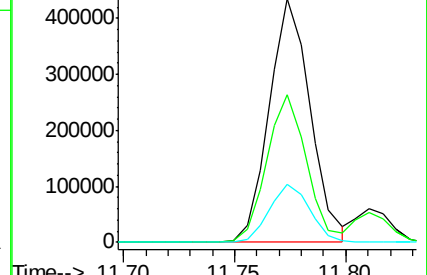
134 23.6 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.13 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002742.D

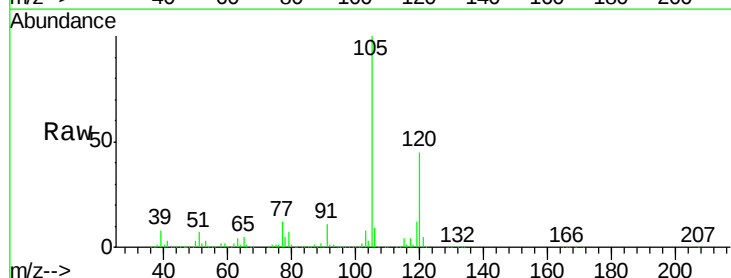
Acq: 20 Jun 2018 05:21

Tgt Ion:105 Resp: 586268

Ion Ratio Lower Upper

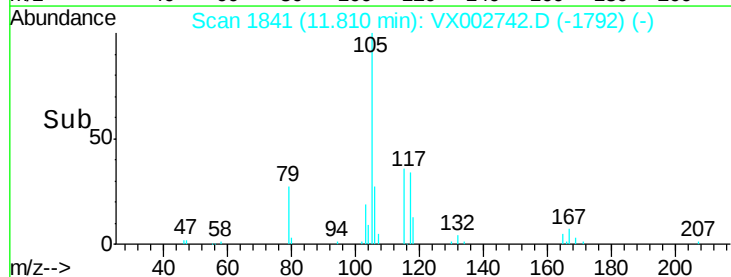
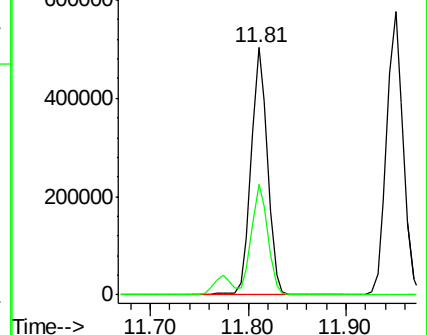
105 100

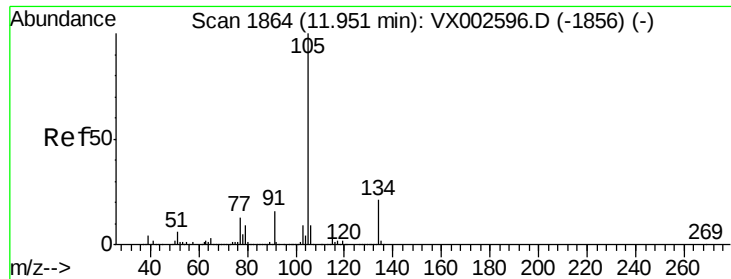
120 44.3 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.19 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

Instrument :

MSVOA_X

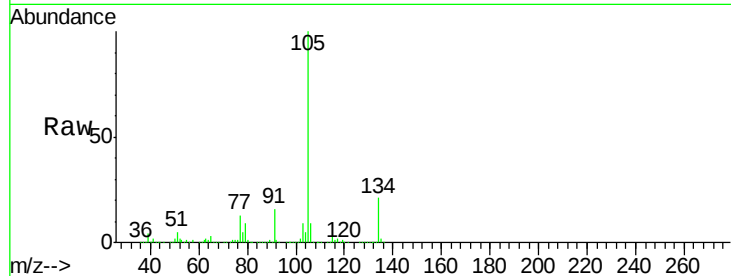
ClientSampleId :

Tot Ion:105 Resp: 675223

Ion Ratio Lower Upper

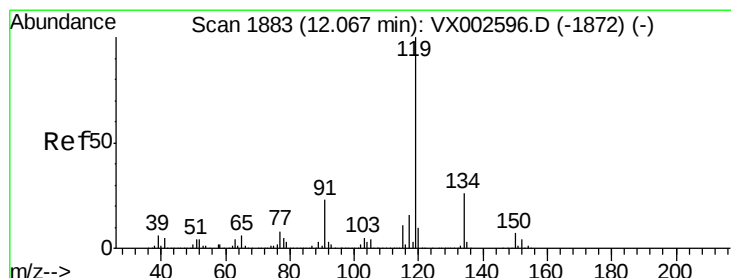
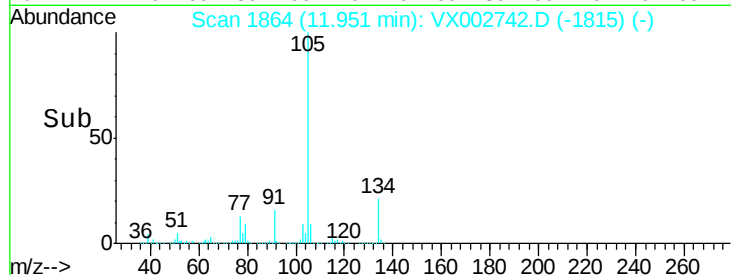
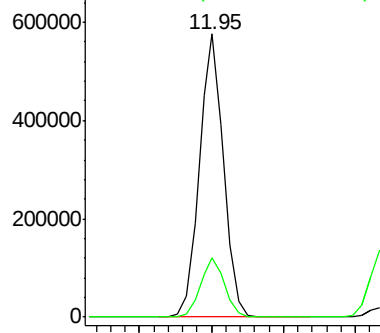
105 100

134 20.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.92 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

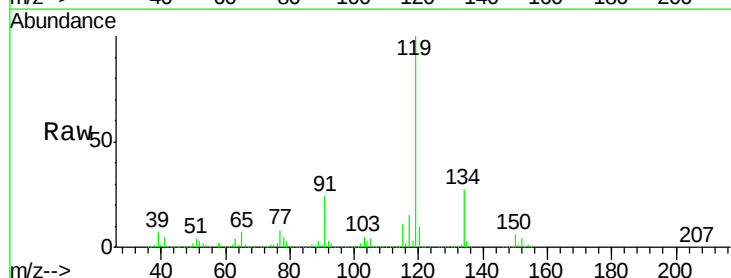
Tgt Ion:119 Resp: 607629

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

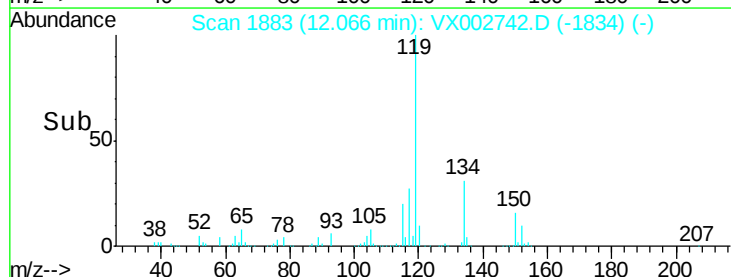
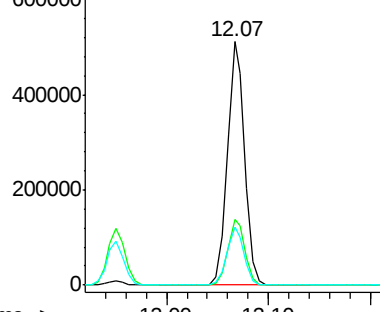
91 23.6 11.9 35.7

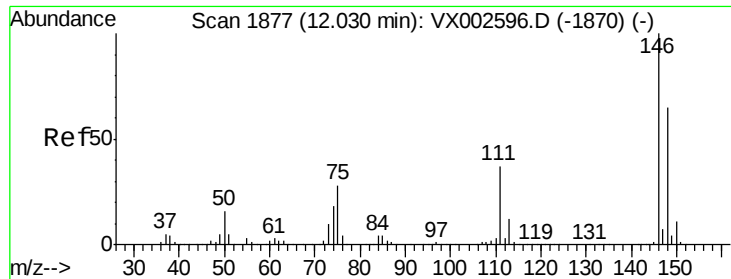


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.34 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

Instrument :

MSVOA_X

ClientSampleId :

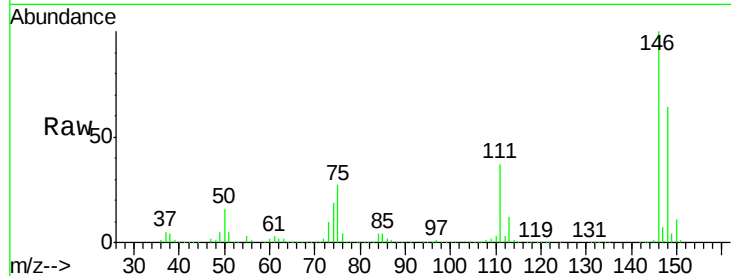
Tot Ion:146 Resp: 341823

Ion Ratio Lower Upper

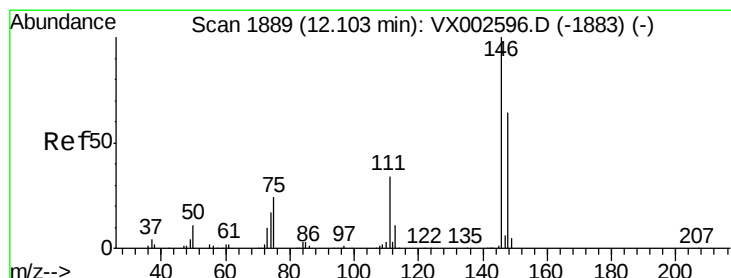
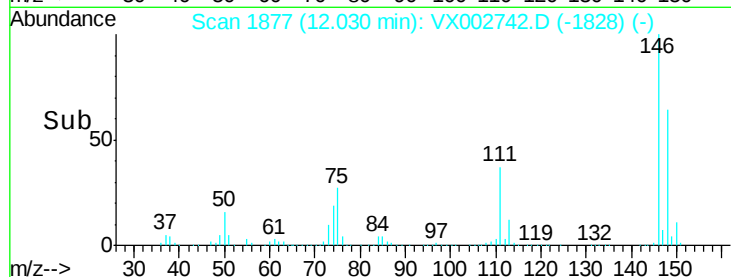
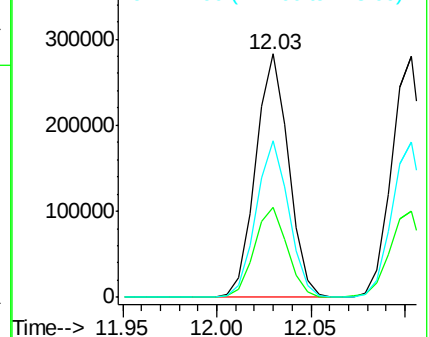
146 100

111 37.0 18.9 56.7

148 63.9 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.72 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

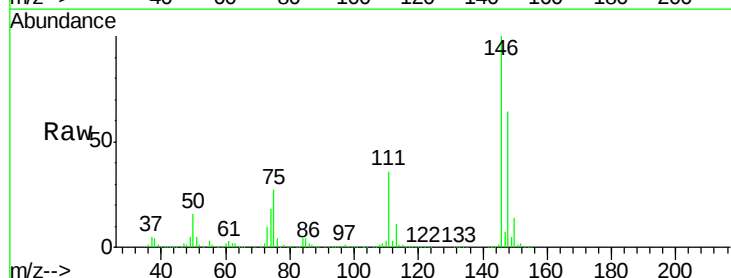
Tgt Ion:146 Resp: 343461

Ion Ratio Lower Upper

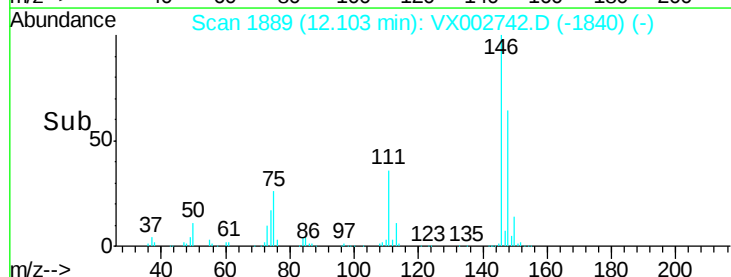
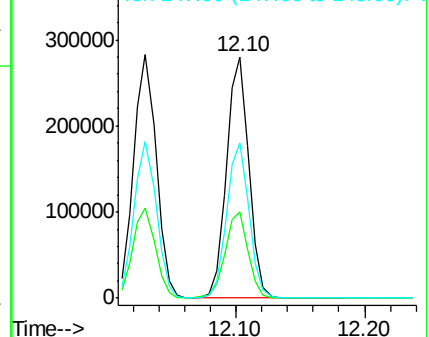
146 100

111 36.7 18.7 56.1

148 64.3 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 46.94 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

Instrument :

MSVOA_X

ClientSampleId :

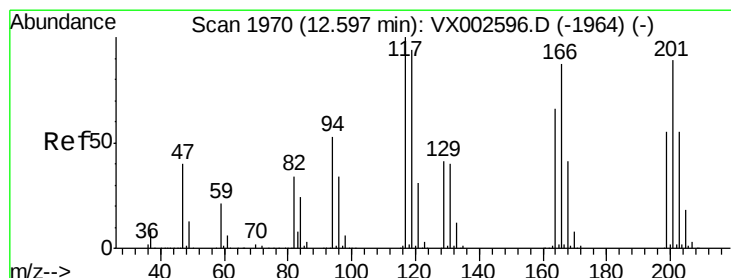
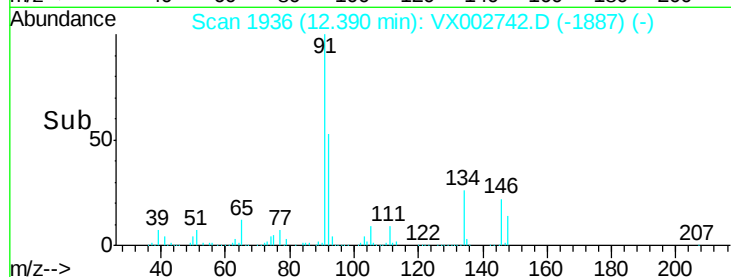
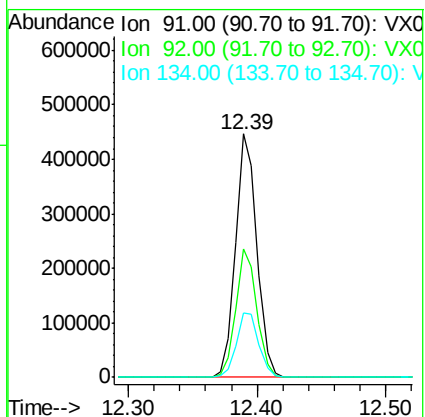
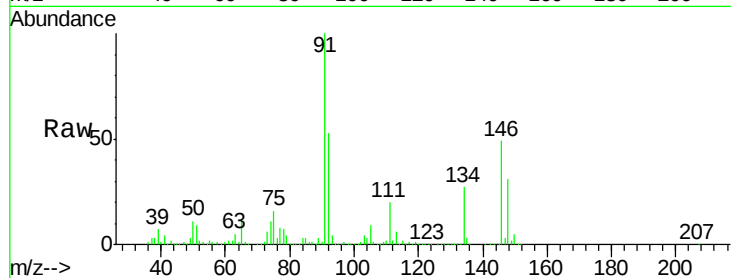
Tot Ion: 91 Resp: 514310

Ion Ratio Lower Upper

91 100

92 52.0 26.0 78.0

134 27.6 13.5 40.5



#90

Hexachloroethane

Concen: 45.48 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VX002742.D

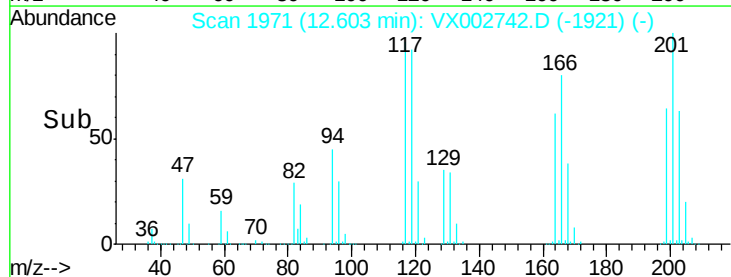
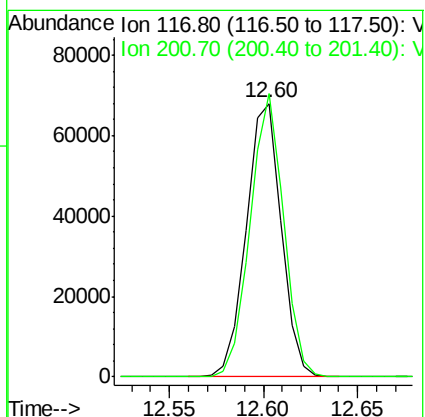
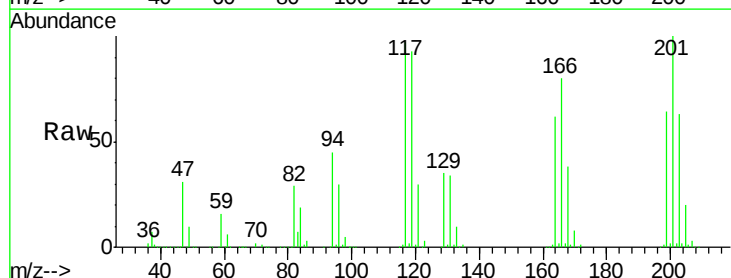
Acq: 20 Jun 2018 05:21

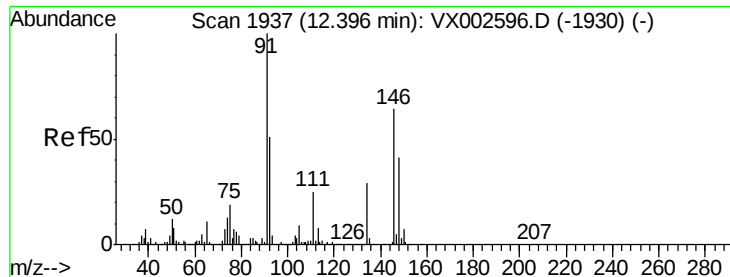
Tgt Ion: 117 Resp: 87582

Ion Ratio Lower Upper

117 100

201 98.4 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 49.58 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

Instrument :

MSVOA_X

ClientSampleId :

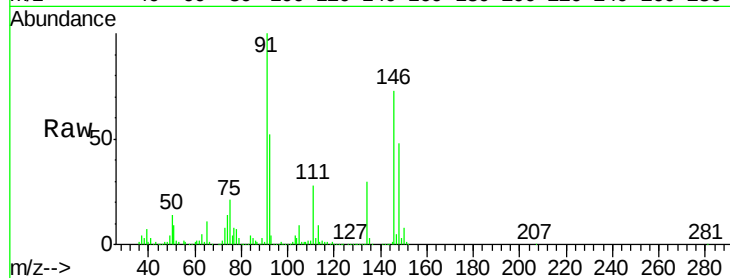
Tot Ion:146 Resp: 345713

Ion Ratio Lower Upper

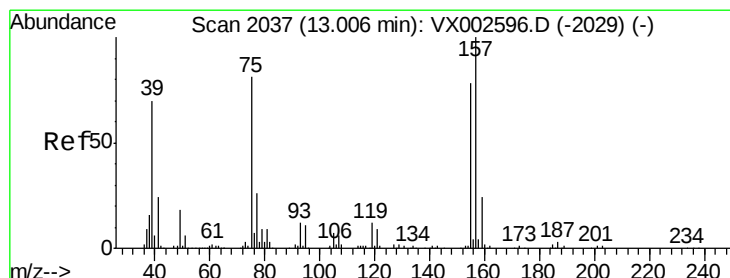
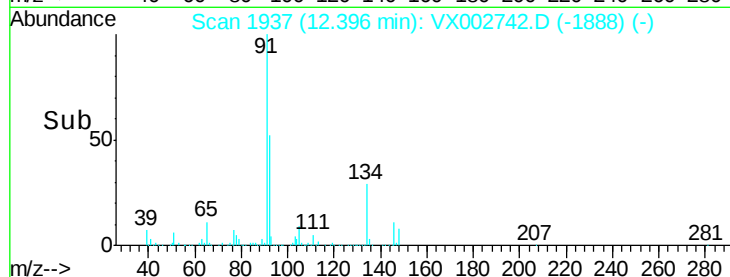
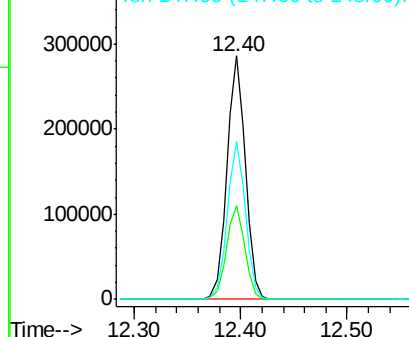
146 100

111 38.4 19.4 58.1

148 64.0 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.67 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

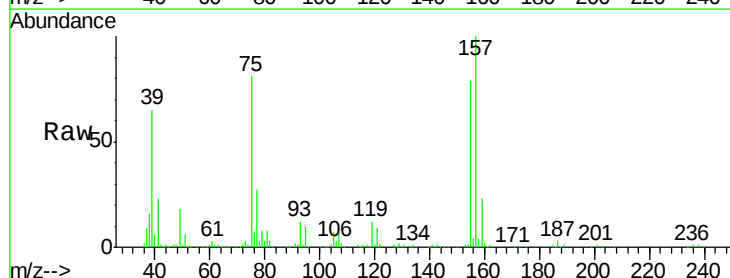
Tgt Ion: 75 Resp: 45858

Ion Ratio Lower Upper

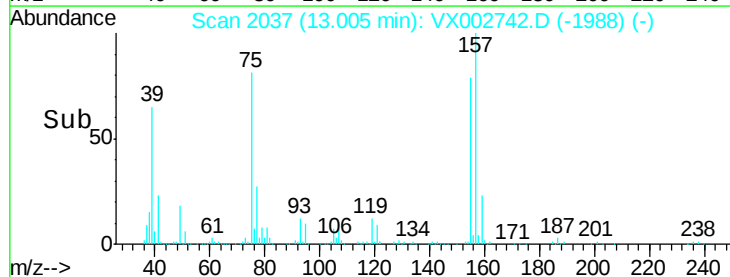
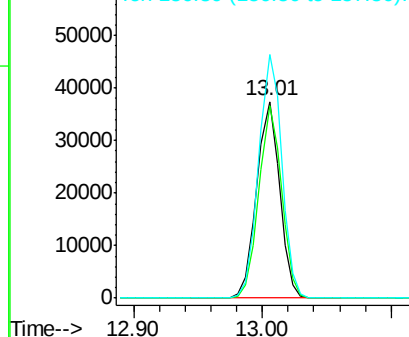
75 100

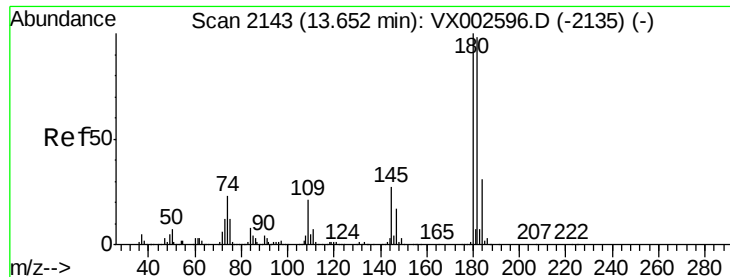
155 97.0 45.8 137.4

157 124.4 60.1 180.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

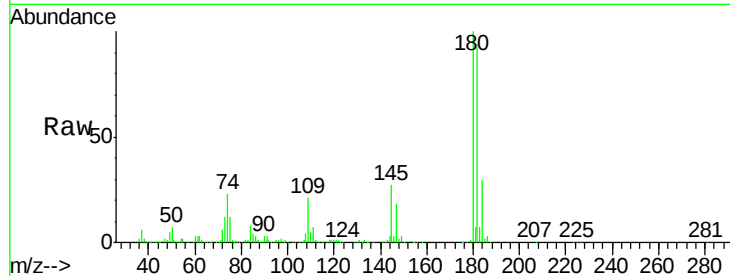




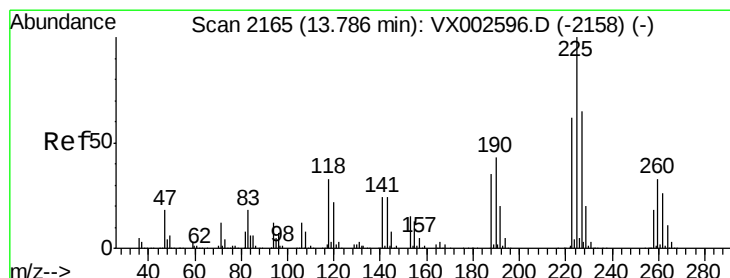
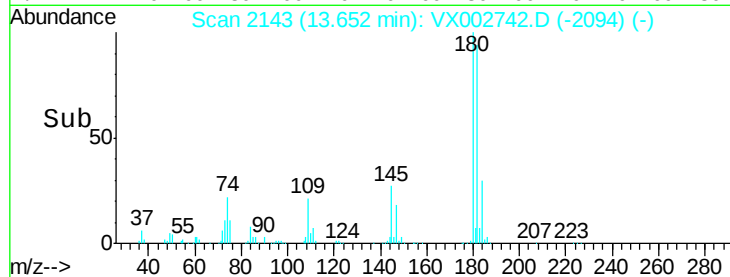
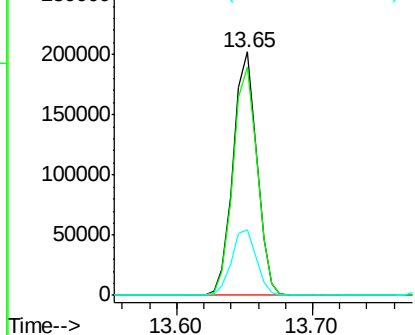
#93
 1,2,4-Trichlorobenzene
 Concen: 48.65 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 05:21

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 246232
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.7 143.1
 145 28.0 14.1 42.4

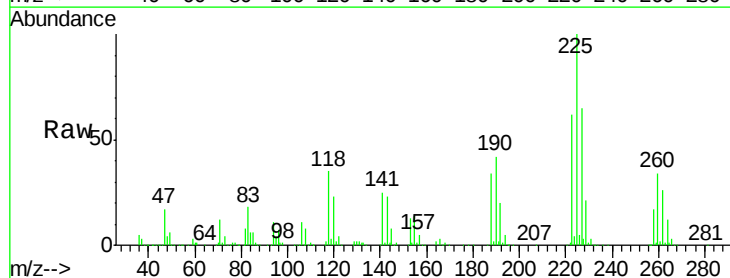


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

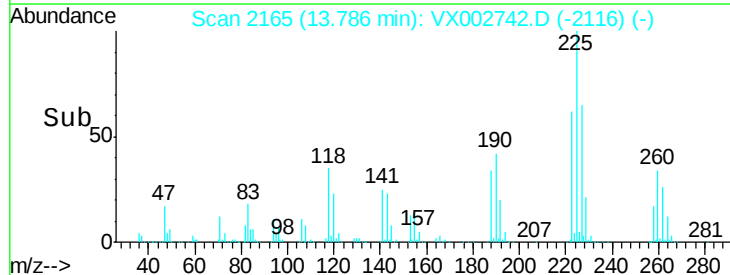
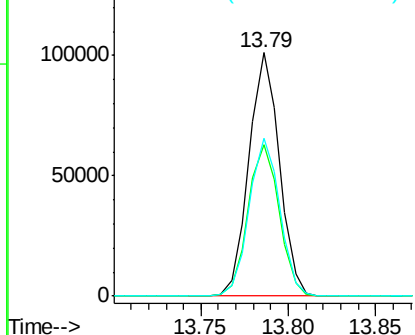


#94
 Hexachlorobutadiene
 Concen: 45.94 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002742.D
 Acq: 20 Jun 2018 05:21

Tgt Ion:225 Resp: 122469
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.6 95.0
 227 65.0 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 52.35 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

Instrument :

MSVOA_X

ClientSampleId :

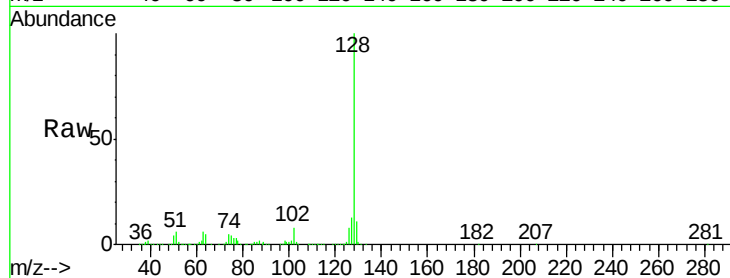
Tot Ion:128 Resp: 712946

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

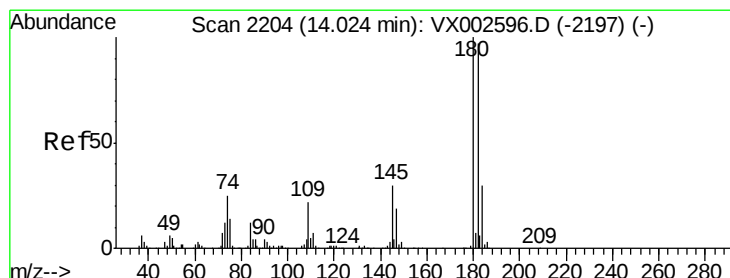
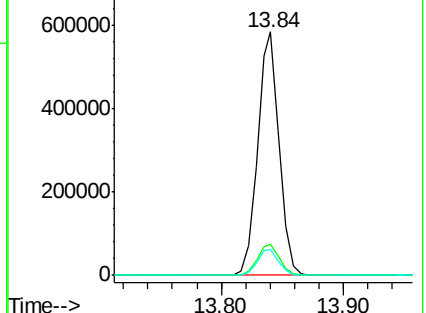
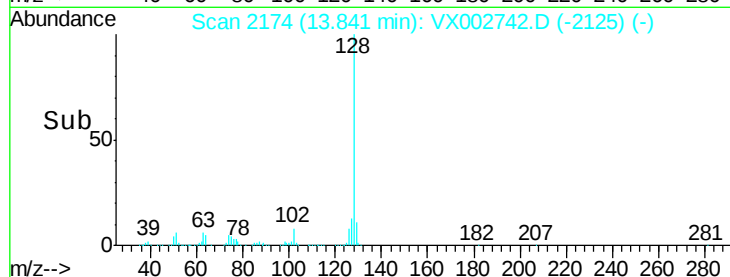
129 10.9 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 50.15 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002742.D

Acq: 20 Jun 2018 05:21

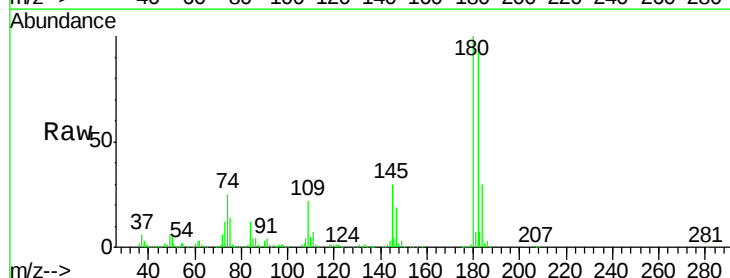
Tgt Ion:180 Resp: 254937

Ion Ratio Lower Upper

180 100

182 96.2 48.0 144.0

145 29.7 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

