

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061918\
 Data File : VX002731.D
 Acq On : 19 Jun 2018 23:24
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 20 01:06:34 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	232308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	326678	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205403	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	151853	43.02	ug/l	0.00
Spiked Amount 50.000			Recovery =	86.04%		
35) Dibromofluoromethane	5.51	113	122581	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.04%		
50) Toluene-d8	8.72	98	448685	45.32	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.64%		
62) 4-Bromofluorobenzene	11.14	95	172904	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.18%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	116689	47.32	ug/l	98
3) Chloromethane	1.32	50	123590	42.13	ug/l	100
4) Vinyl Chloride	1.41	62	136407	44.81	ug/l	98
5) Bromomethane	1.64	94	64209	34.96	ug/l	100
6) Chloroethane	1.71	64	93362	46.53	ug/l	99
7) Trichlorofluoromethane	1.92	101	233689	47.25	ug/l	98
8) Diethyl Ether	2.19	74	83220	44.24	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	127446	46.10	ug/l	98
10) Methyl Iodide	2.51	142	134420	37.48	ug/l	100
11) Tert butyl alcohol	3.09	59	173691	238.00	ug/l	98
12) 1,1-Dichloroethene	2.37	96	118465	45.64	ug/l	96
13) Acrolein	2.30	56	107819	313.35	ug/l	100
14) Allyl chloride	2.73	41	228536	44.34	ug/l	99
15) Acrylonitrile	3.15	53	368427	231.35	ug/l	100
16) Acetone	2.45	43	349109	224.15	ug/l	99
17) Carbon Disulfide	2.57	76	307444	49.94	ug/l	100
18) Methyl Acetate	2.78	43	197348	47.56	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	431205	44.28	ug/l	99
20) Methylene Chloride	2.85	84	133183	41.70	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	127327	45.22	ug/l	97
22) Diisopropyl ether	3.88	45	424286	45.50	ug/l	97
23) Vinyl Acetate	3.83	43	1818600	233.02	ug/l	99
24) 1,1-Dichloroethane	3.70	63	246794	48.76	ug/l	99
25) 2-Butanone	4.71	43	500469	244.68	ug/l	97
26) 2,2-Dichloropropane	4.59	77	127538	35.07	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	134875	47.07	ug/l	92
28) Bromochloromethane	5.03	49	106118	44.77	ug/l	95
29) Tetrahydrofuran	5.17	42	327530	244.33	ug/l	98
30) Chloroform	5.22	83	238570	48.88	ug/l	96
31) Cyclohexane	5.57	56	194200	46.61	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	206896	50.69	ug/l	99
36) 1,1-Dichloropropene	5.80	75	170781	49.22	ug/l	99
37) Ethyl Acetate	4.87	43	194582	49.55	ug/l	99
38) Carbon Tetrachloride	5.79	117	187801	54.36	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	196061	48.34	ug/l	98
40) Benzene	6.15	78	507926	48.82	ug/l	99
41) Methacrylonitrile	5.07	41	110886	50.01	ug/l	98
42) 1,2-Dichloroethane	6.20	62	200126	49.69	ug/l	100
43) Isopropyl Acetate	6.48	43	318172	48.90	ug/l	100
44) Trichloroethene	7.21	130	148330	49.40	ug/l	100
45) 1,2-Dichloropropane	7.52	63	134964	49.29	ug/l	97
46) Dibromomethane	7.67	93	94070	51.36	ug/l	99
47) Bromodichloromethane	7.90	83	173988	53.86	ug/l	97
48) Methyl methacrylate	7.78	41	163135	49.07	ug/l	96
49) 1,4-Dioxane	7.76	88	68923	1094.64	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1066816	255.37	ug/l	99
52) Toluene	8.79	92	330006	49.73	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	193802	45.55	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	179384	44.36	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	137355	51.22	ug/l	98
56) Ethyl methacrylate	9.19	69	207060	50.18	ug/l	98
57) 1,3-Dichloropropane	9.38	76	222281	49.01	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	453132	227.03	ug/l	98
59) 2-Hexanone	9.50	43	820800	260.74	ug/l	98
60) Dibromochloromethane	9.59	129	143369	47.72	ug/l	99
61) 1,2-Dibromoethane	9.68	107	144685	52.10	ug/l	99
64) Tetrachloroethene	9.34	164	165675	46.89	ug/l	97
65) Chlorobenzene	10.14	112	381773	48.83	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	141136	52.95	ug/l	99
67) Ethyl Benzene	10.26	91	645792	48.97	ug/l	99
68) m/p-Xylenes	10.36	106	508288	99.93	ug/l	98
69) o-Xylene	10.70	106	248417	49.71	ug/l	98
70) Styrene	10.71	104	418542	50.93	ug/l	99
71) Bromoform	10.86	173	113972	47.26	ug/l #	98
73) Isopropylbenzene	11.02	105	666155	48.49	ug/l	99
74) N-amyl acetate	6.48	43	318172	46.62	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	207354	51.11	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	231094	59.62	ug/l	79
77) Bromobenzene	11.26	156	185603	48.50	ug/l	97
78) n-propylbenzene	11.37	91	753567	47.83	ug/l	99
79) 2-Chlorotoluene	11.43	91	450894	47.93	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	563477	48.54	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	49312	41.49	ug/l	98
82) 4-Chlorotoluene	11.51	91	540675	48.71	ug/l	100
83) tert-Butylbenzene	11.77	119	555604	49.68	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	585319	49.41	ug/l	98
85) sec-Butylbenzene	11.95	105	672556	48.36	ug/l	100
86) p-Isopropyltoluene	12.07	119	610784	48.54	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	338016	48.16	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	344208	48.20	ug/l	99
89) n-Butylbenzene	12.39	91	521501	46.98	ug/l	99
90) Hexachloroethane	12.60	117	88250	45.26	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	344893	48.82	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	47108	55.44	ug/l	95

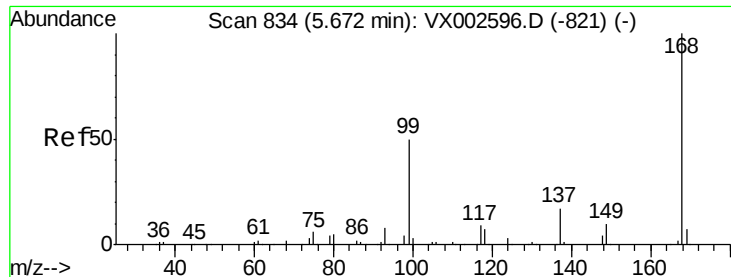
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	249588	48.68	ug/l	99
94) Hexachlorobutadiene	13.79	225	126640	46.89	ug/l	99
95) Naphthalene	13.84	128	724988	52.55	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	253258	49.18	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

Instrument :

MSVOA_X

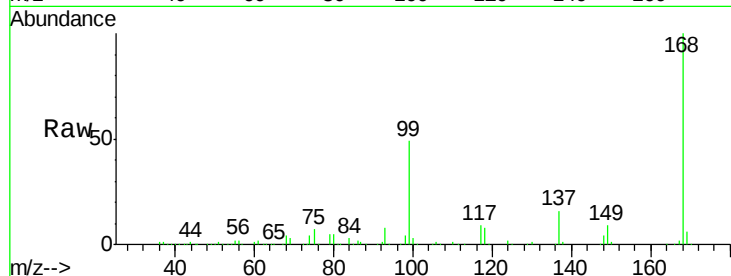
ClientSampled :

Tot Ion:168 Resp: 232308

Ion Ratio Lower Upper

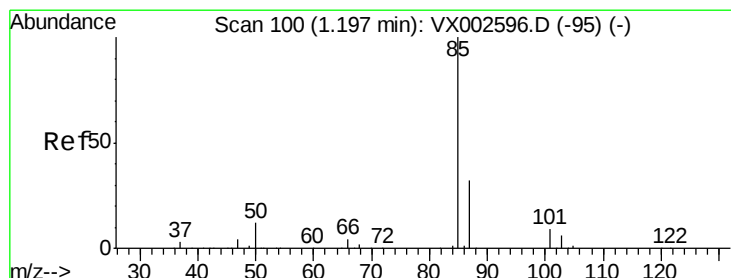
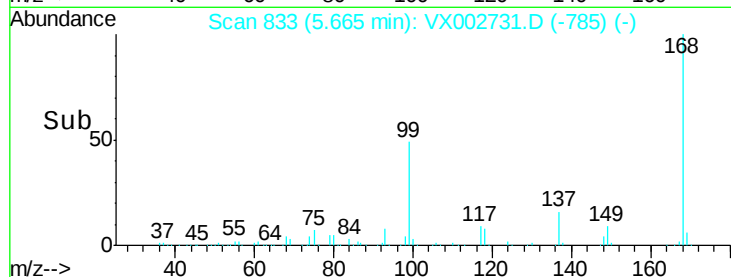
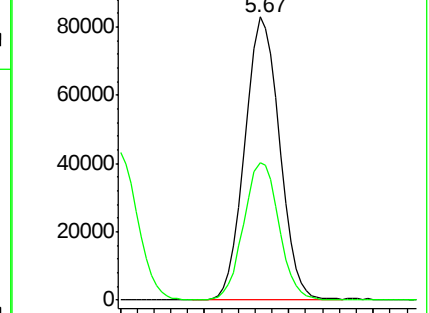
168 100

99 48.5 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: 47.32 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002731.D

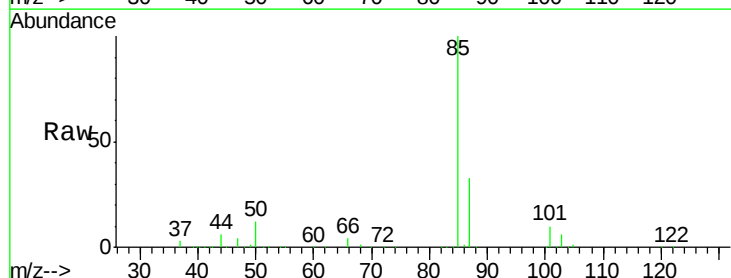
Acq: 19 Jun 2018 23:24

Tgt Ion: 85 Resp: 116689

Ion Ratio Lower Upper

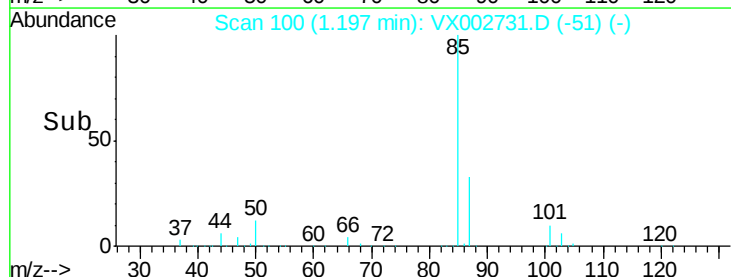
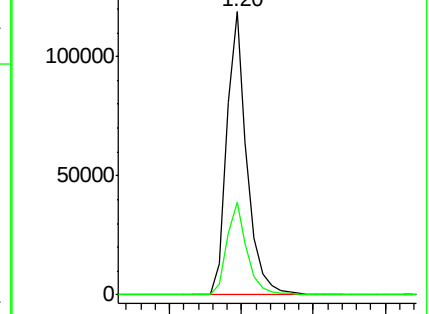
85 100

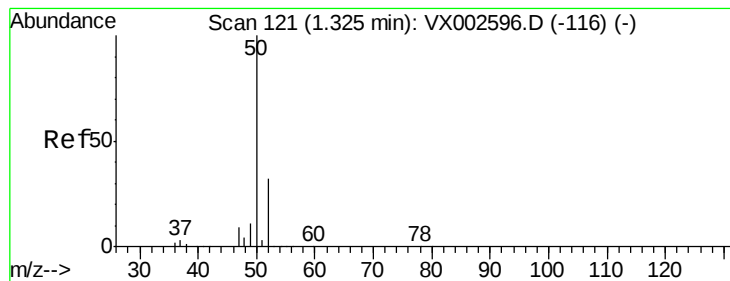
87 32.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.13 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

Instrument :

MSVOA_X

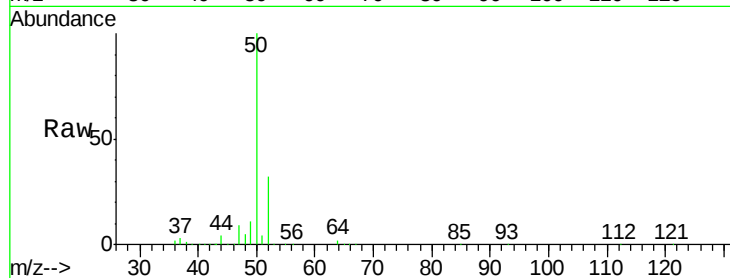
ClientSampleId :

Tot Ion: 50 Resp: 123590

Ion Ratio Lower Upper

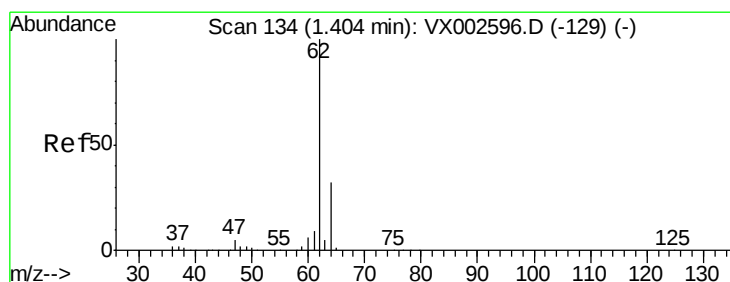
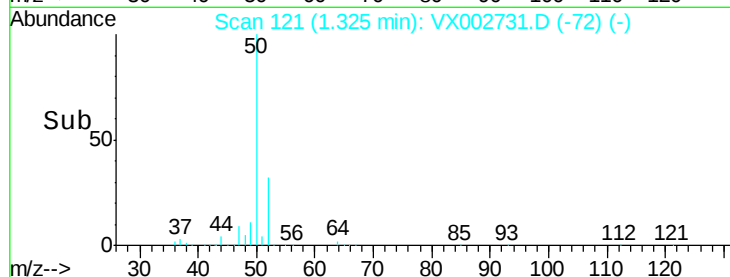
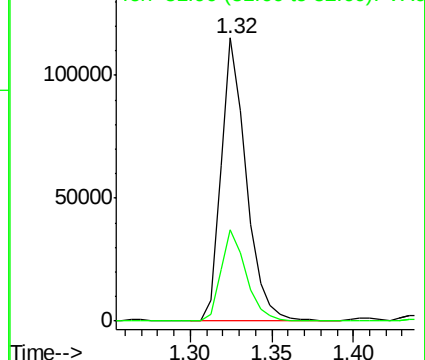
50 100

52 32.3 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.81 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002731.D

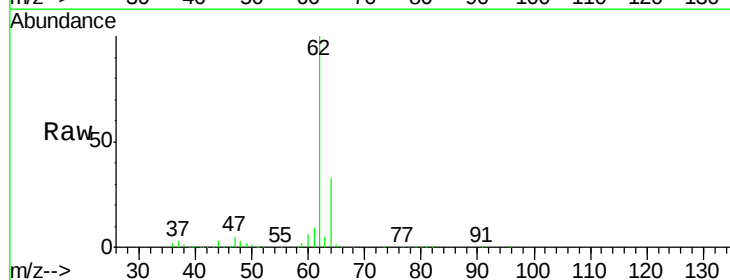
Acq: 19 Jun 2018 23:24

Tgt Ion: 62 Resp: 136407

Ion Ratio Lower Upper

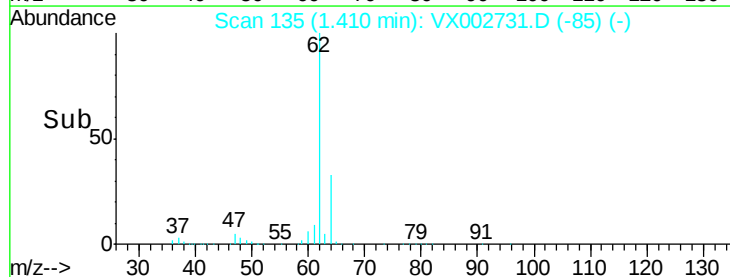
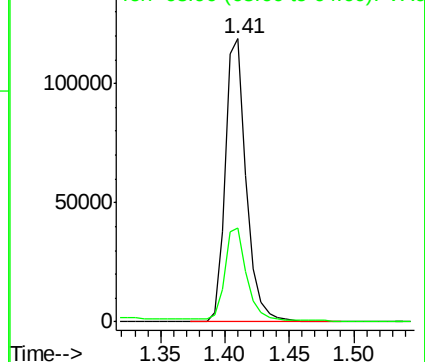
62 100

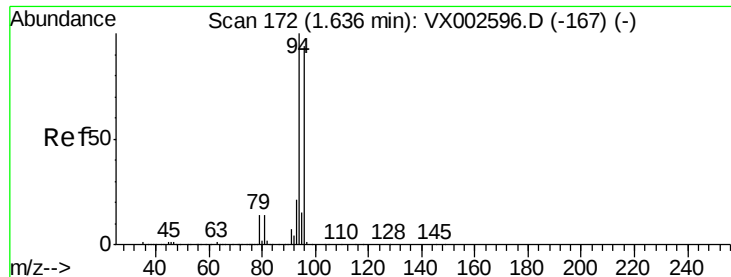
64 32.9 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 34.96 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

Instrument :

MSVOA_X

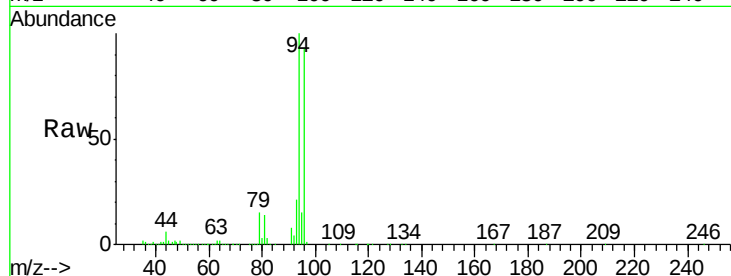
ClientSampleId :

Tot Ion: 94 Resp: 64209

Ion Ratio Lower Upper

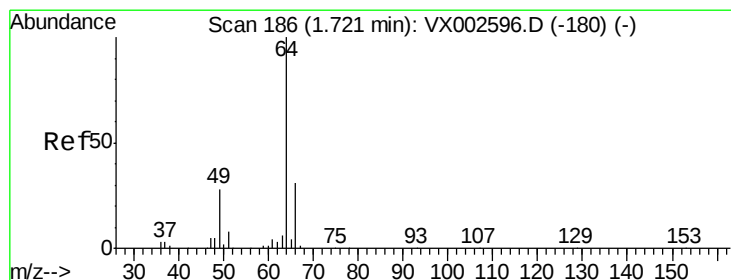
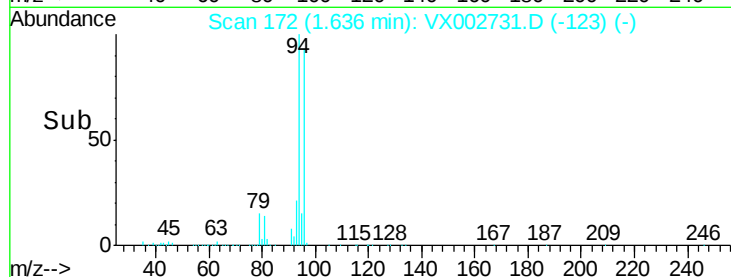
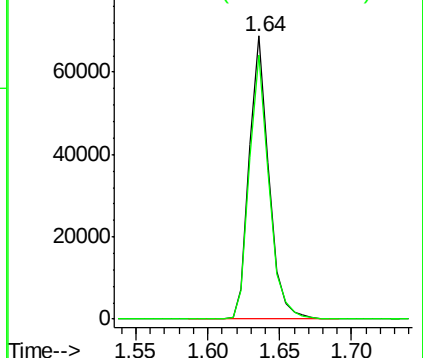
94 100

96 93.2 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: 46.53 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002731.D

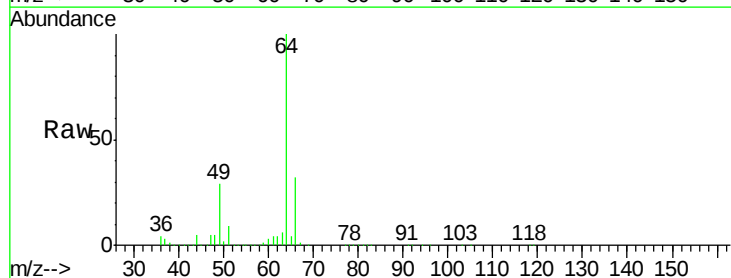
Acq: 19 Jun 2018 23:24

Tgt Ion: 64 Resp: 93362

Ion Ratio Lower Upper

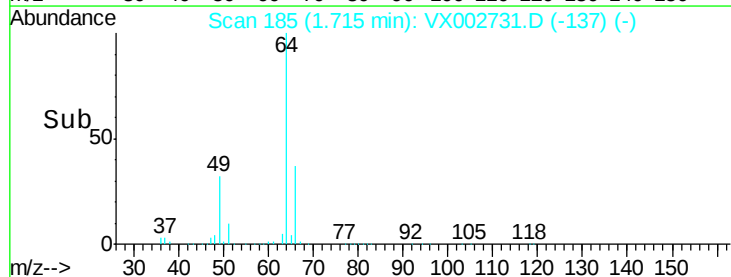
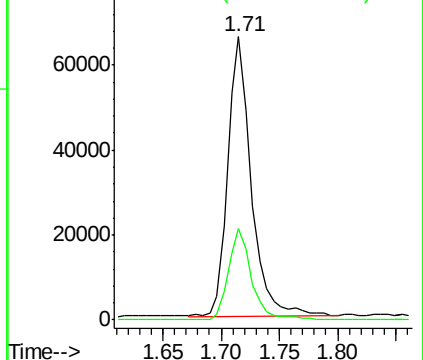
64 100

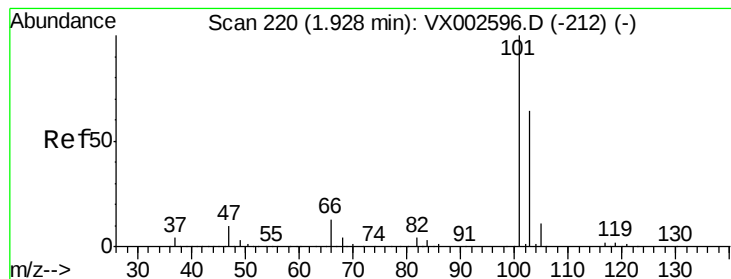
66 32.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



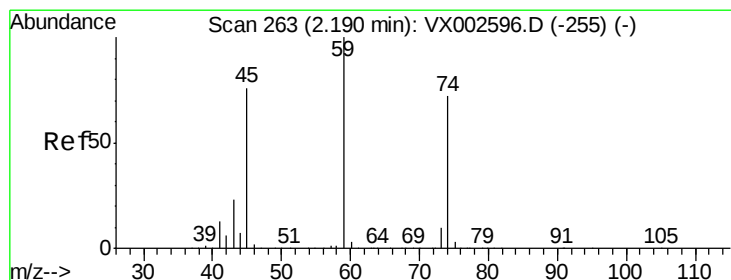
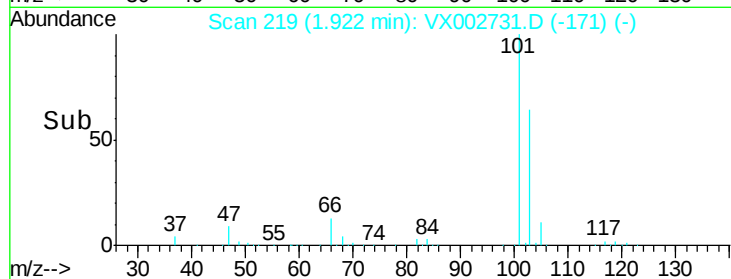
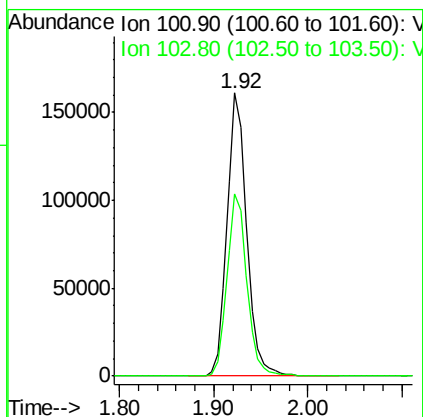
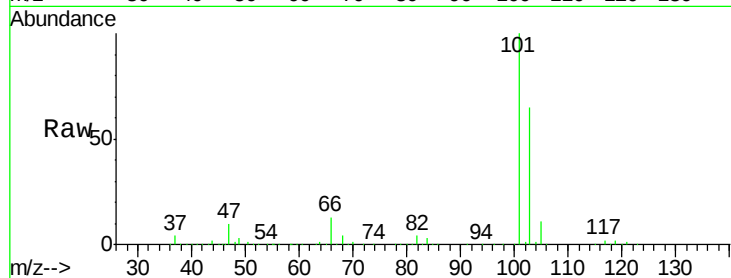


#7

Trichlorofluoromethane
 Concen: 47.25 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX002731.D
 Acq: 19 Jun 2018 23:24

Instrument :
 MSVOA_X
 ClientSampleId :

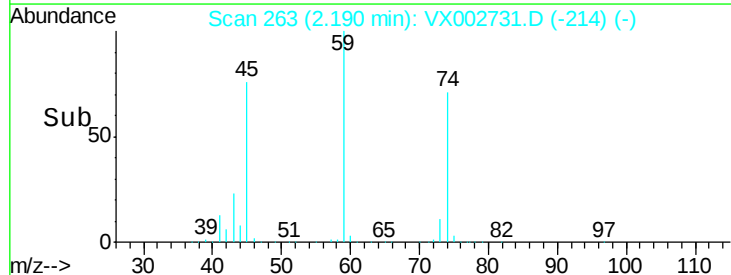
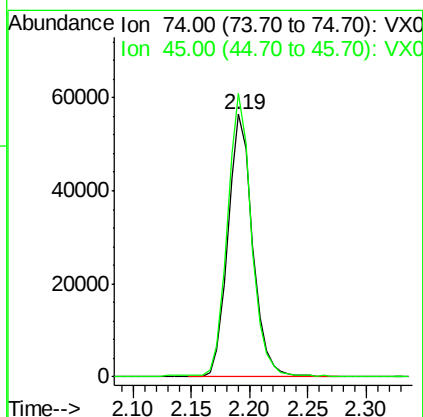
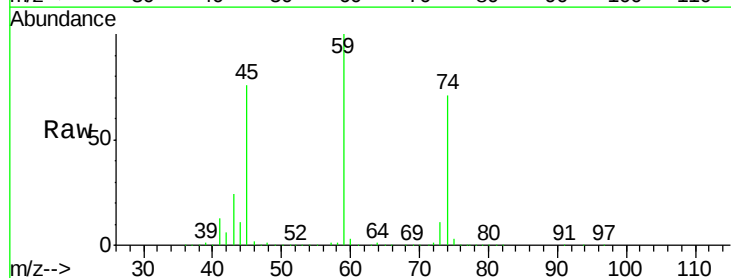
Tot Ion:101 Resp: 233689
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.8 79.2

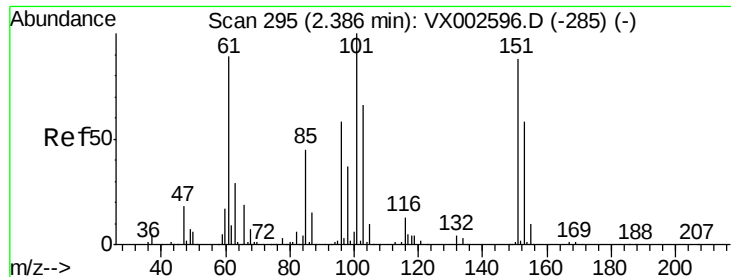


#8

Diethyl Ether
 Concen: 44.24 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002731.D
 Acq: 19 Jun 2018 23:24

Tgt Ion: 74 Resp: 83220
 Ion Ratio Lower Upper
 74 100
 45 104.4 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.10 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

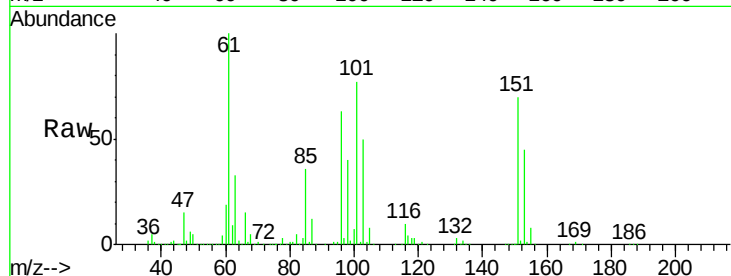
Tot Ion:101 Resp: 127446

Ion Ratio Lower Upper

101 100

85 46.2 36.0 54.0

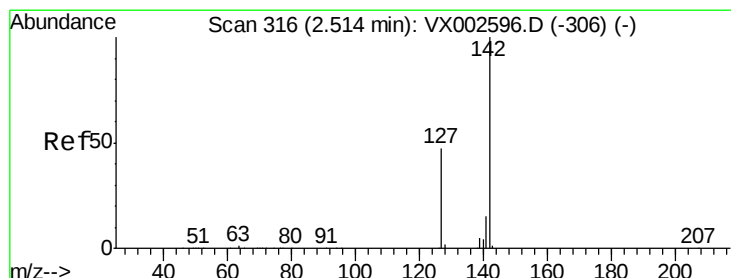
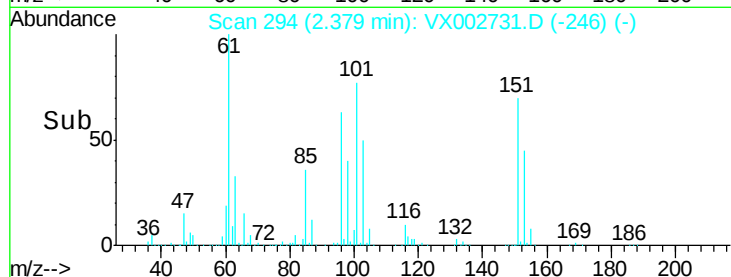
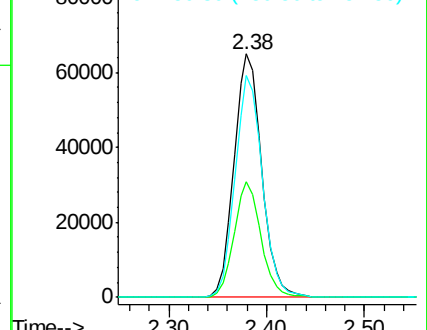
151 90.1 70.9 106.3



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: 37.48 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

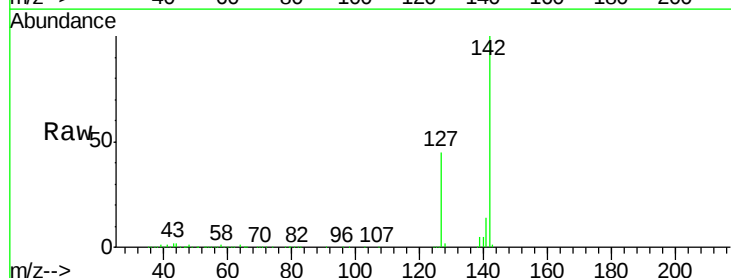
Tgt Ion:142 Resp: 134420

Ion Ratio Lower Upper

142 100

127 45.6 36.6 55.0

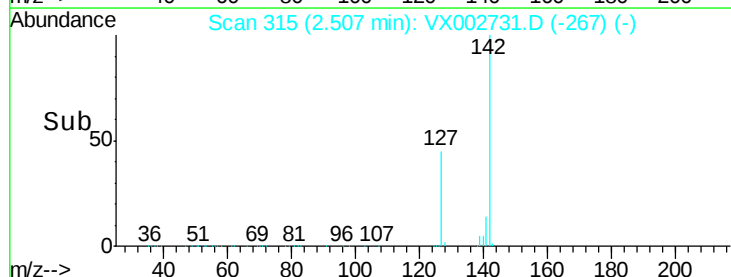
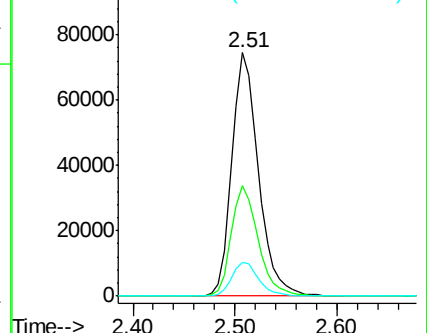
141 14.2 11.3 16.9

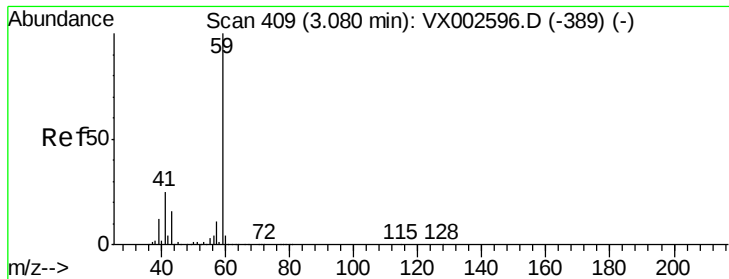


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



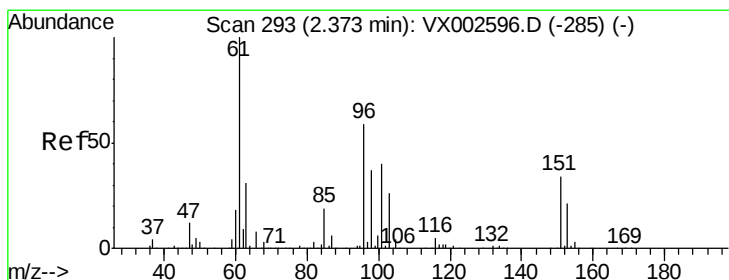
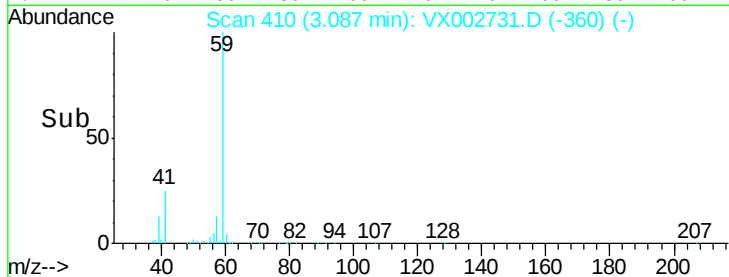
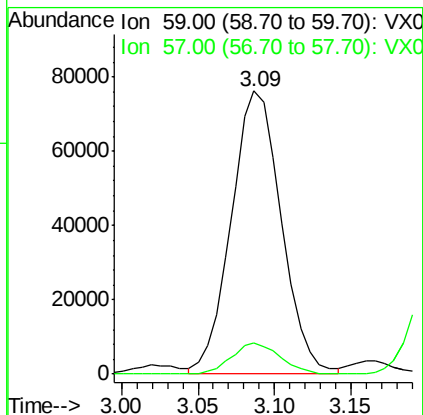
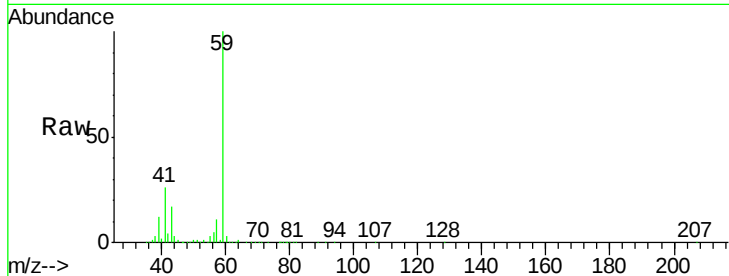


#11

Tert butyl alcohol
 Concen: 238.00 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX002731.D
 Acq: 19 Jun 2018 23:24

Instrument :
 MSVOA_X
 ClientSampleId :

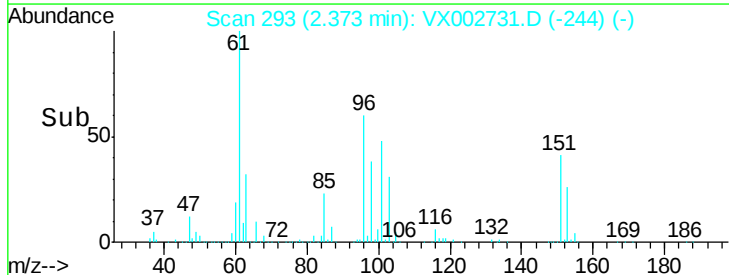
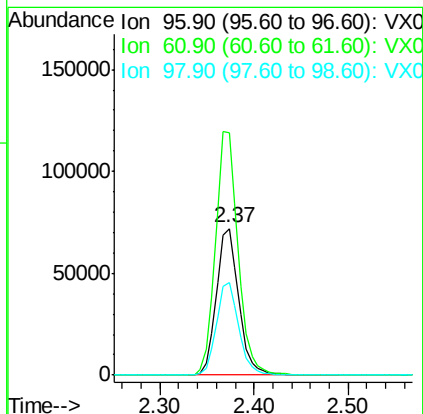
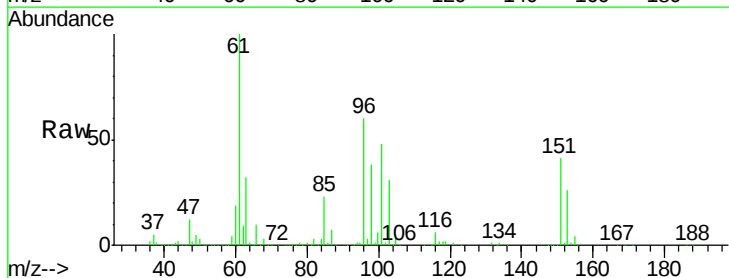
Tot Ion: 59 Resp: 173691
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.2 12.2

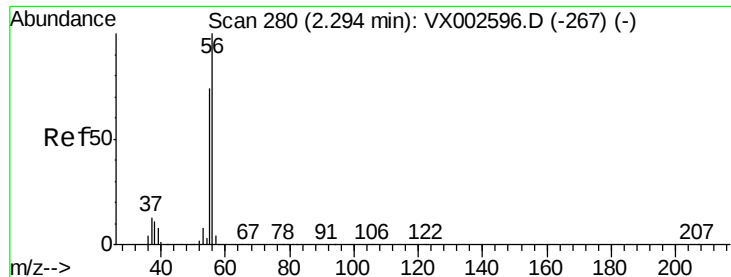


#12

1,1-Dichloroethene
 Concen: 45.64 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002731.D
 Acq: 19 Jun 2018 23:24

Tgt Ion: 96 Resp: 118465
 Ion Ratio Lower Upper
 96 100
 61 165.5 137.9 206.9
 98 63.4 51.6 77.4





#13

Acrolein

Concen: 313.35 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

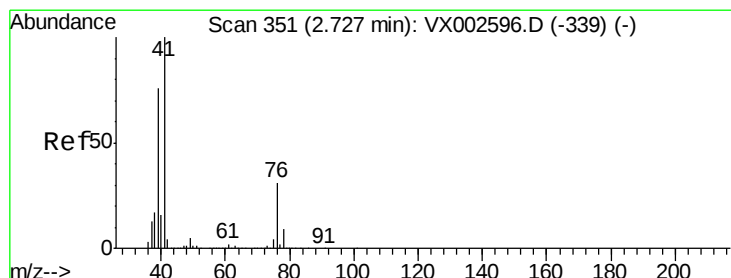
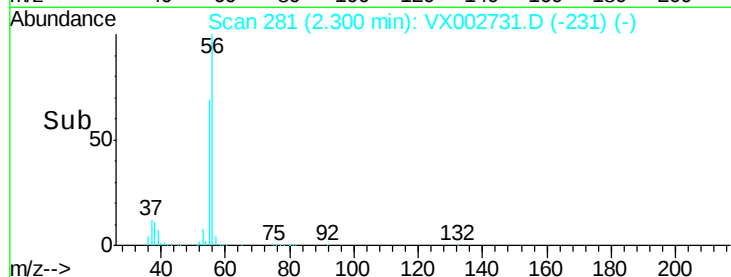
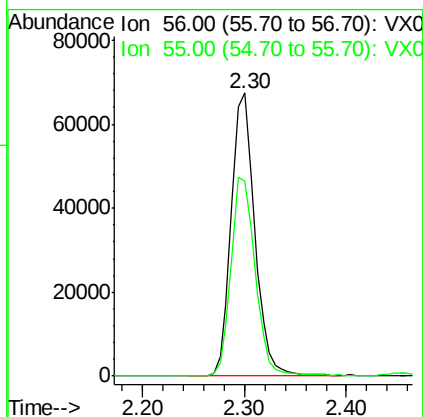
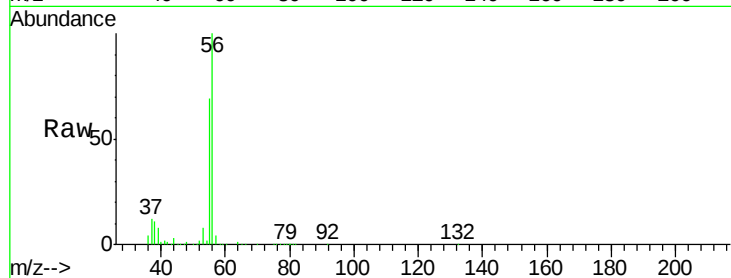
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 107819

Ion Ratio Lower Upper

56 100

55 71.4 57.0 85.4



#14

Allyl chloride

Concen: 44.34 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

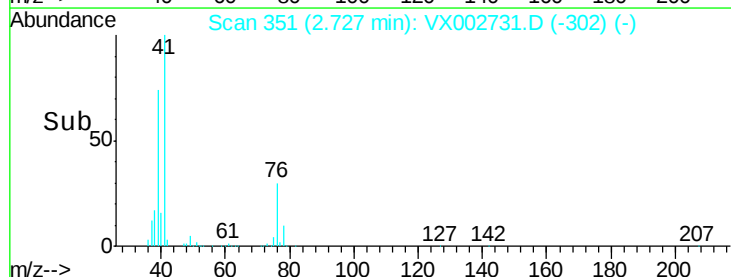
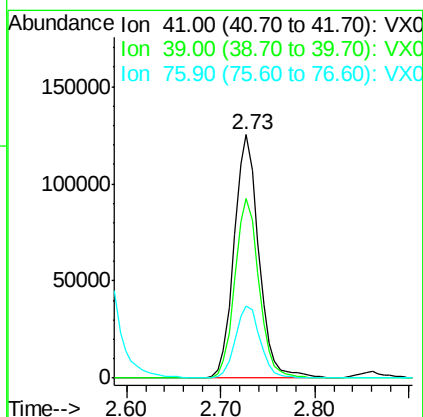
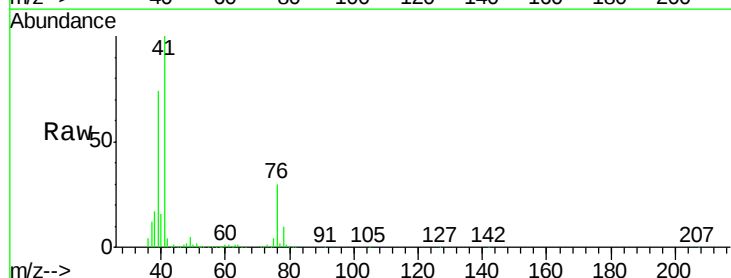
Tgt Ion: 41 Resp: 228536

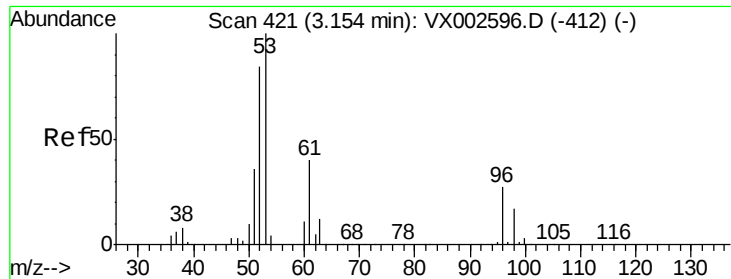
Ion Ratio Lower Upper

41 100

39 72.1 56.8 85.2

76 29.9 23.8 35.8





#15

Acrylonitrile

Concen: 231.35 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

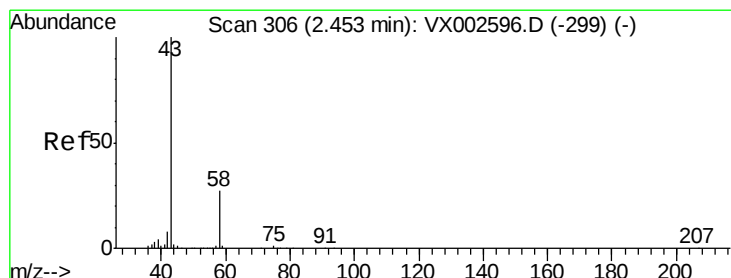
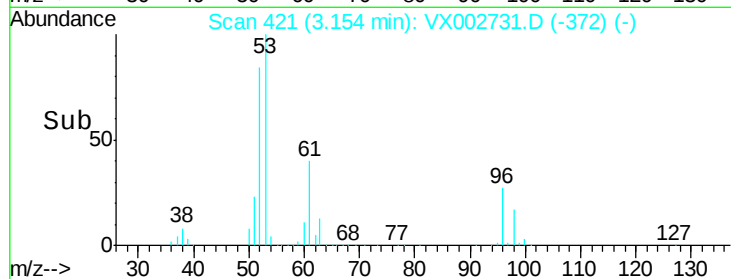
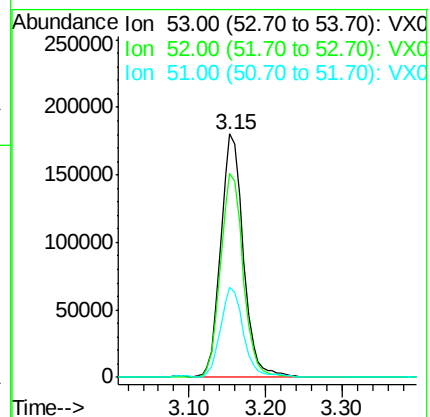
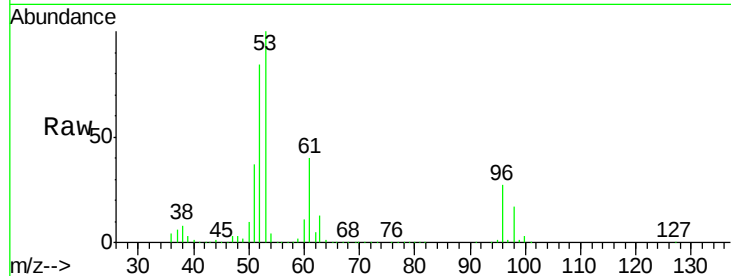
Tot Ion: 53 Resp: 368427

Ion Ratio Lower Upper

53 100

52 83.6 66.7 100.1

51 37.6 29.9 44.9



#16

Acetone

Concen: 224.15 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002731.D

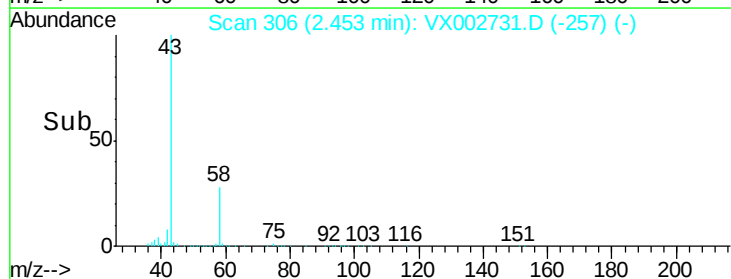
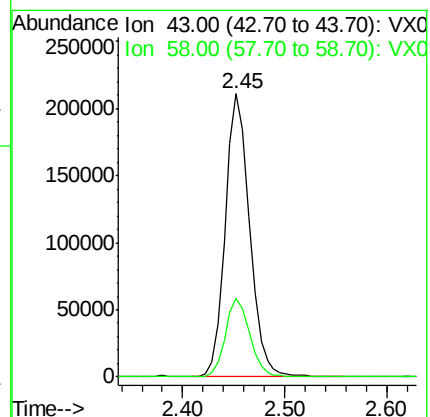
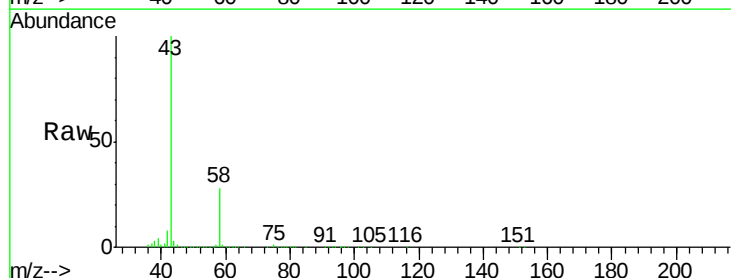
Acq: 19 Jun 2018 23:24

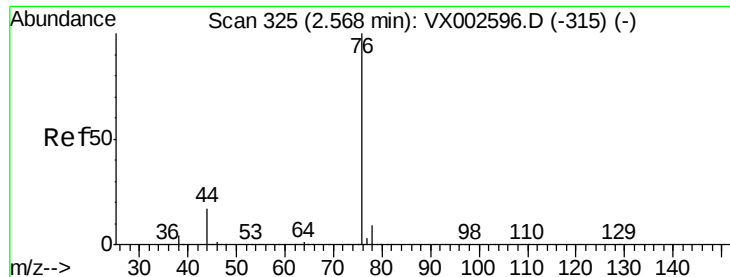
Tgt Ion: 43 Resp: 349109

Ion Ratio Lower Upper

43 100

58 28.0 22.1 33.1

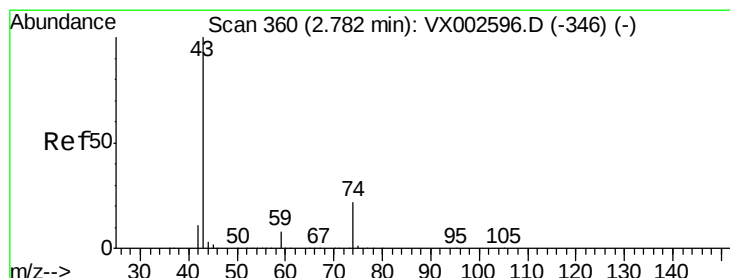
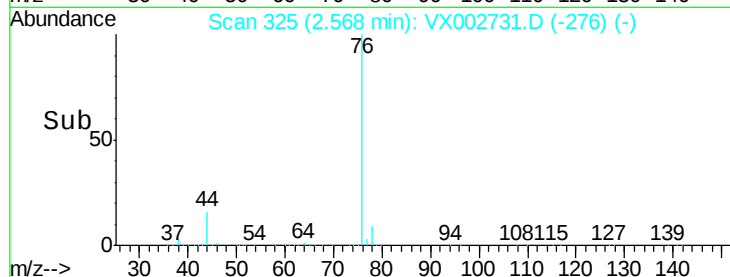
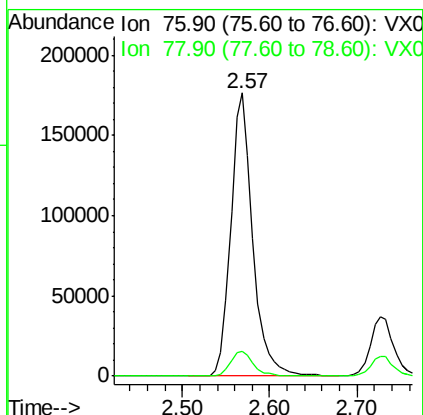
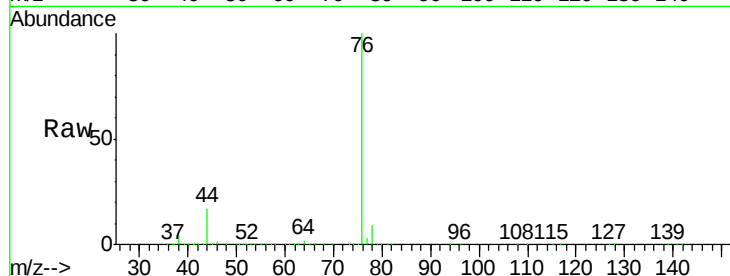




#17
Carbon Disulfide
Concen: 49.94 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002731.D
Acq: 19 Jun 2018 23:24

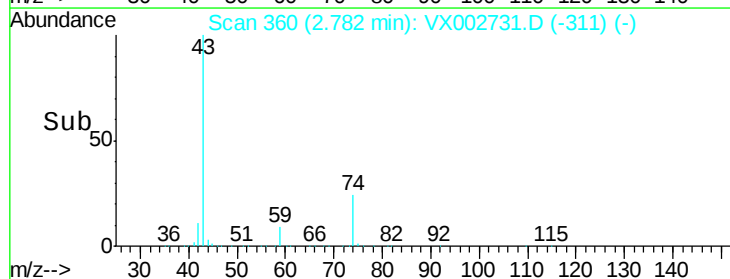
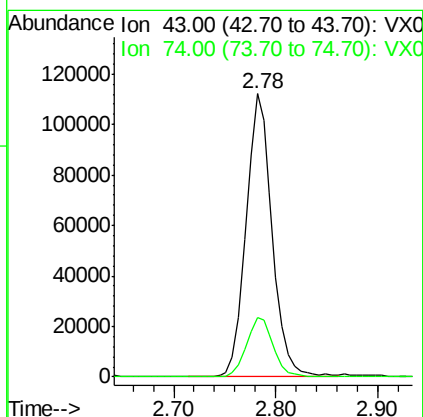
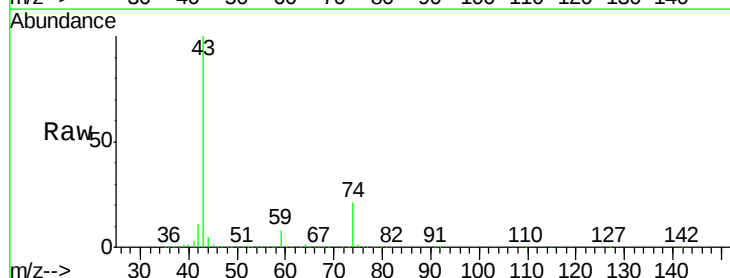
Instrument :
MSVOA_X
ClientSampleId :

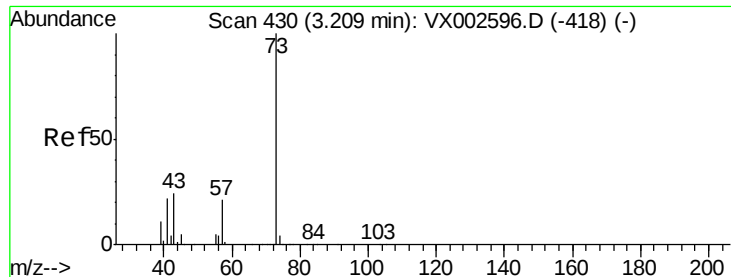
Tot Ion: 76 Resp: 307444
Ion Ratio Lower Upper
76 100
78 8.7 6.9 10.3



#18
Methyl Acetate
Concen: 47.56 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002731.D
Acq: 19 Jun 2018 23:24

Tgt Ion: 43 Resp: 197348
Ion Ratio Lower Upper
43 100
74 21.6 16.7 25.1



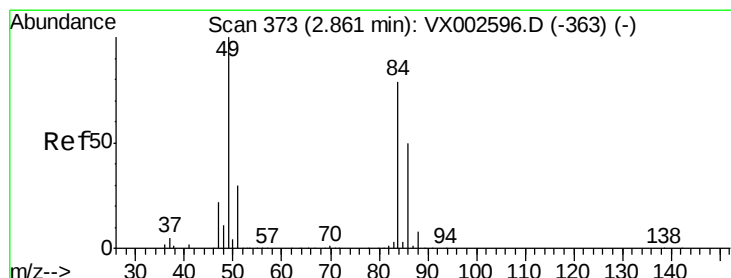
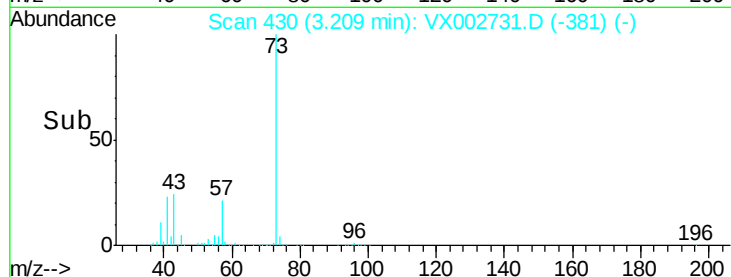
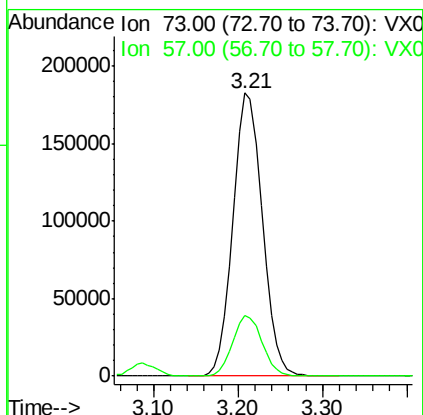
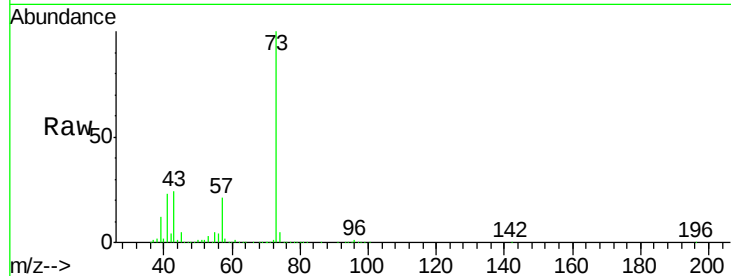


#19

Methyl tert-butyl Ether
 Concen: 44.28 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX002731.D
 Acq: 19 Jun 2018 23:24

Instrument :
 MSVOA_X
 ClientSampleId :

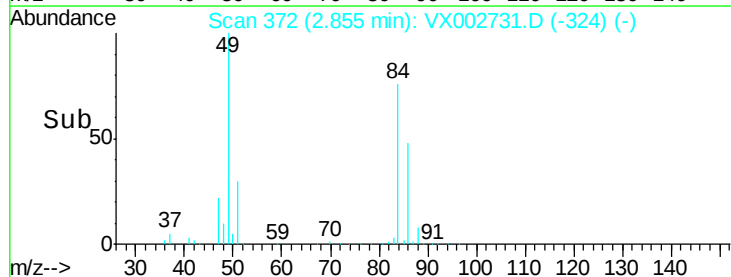
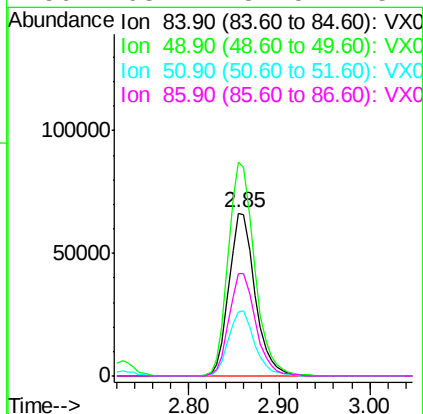
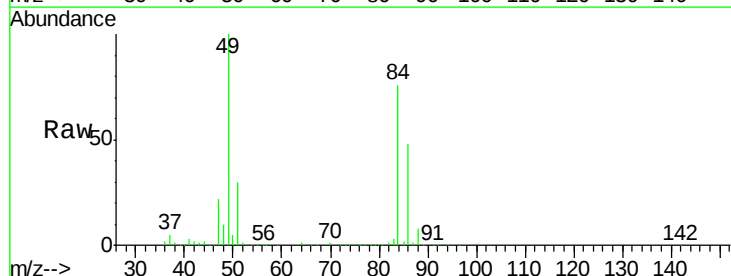
Tot Ion: 73 Resp: 431205
 Ion Ratio Lower Upper
 73 100
 57 21.4 17.7 26.5

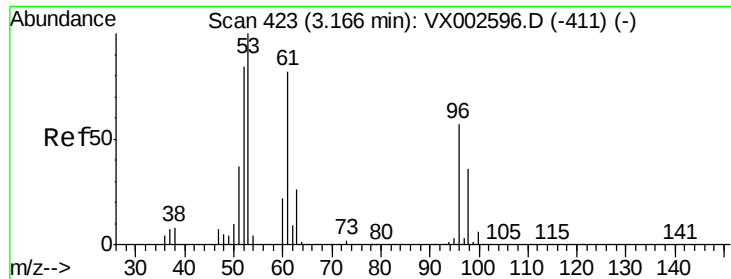


#20

Methylene Chloride
 Concen: 41.70 ug/l
 RT: 2.85 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX002731.D
 Acq: 19 Jun 2018 23:24

Tgt Ion: 84 Resp: 133183
 Ion Ratio Lower Upper
 84 100
 49 130.9 107.8 161.6
 51 39.2 32.8 49.2
 86 63.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 45.22 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

Instrument :
MSVOA_X
ClientSampleId :

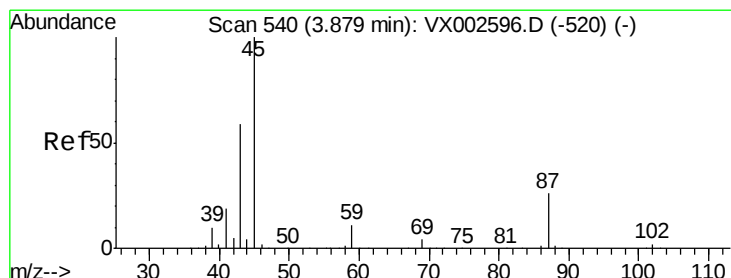
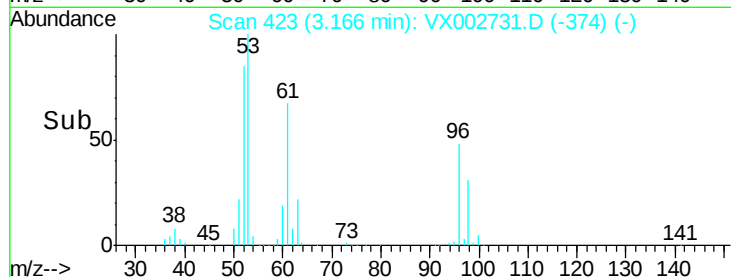
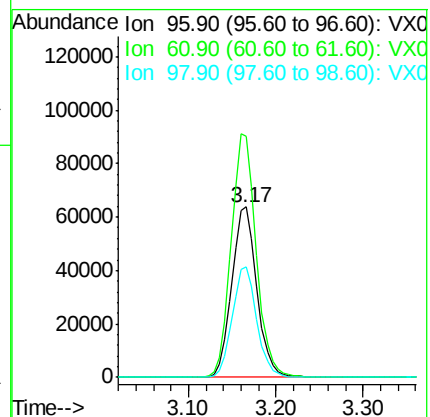
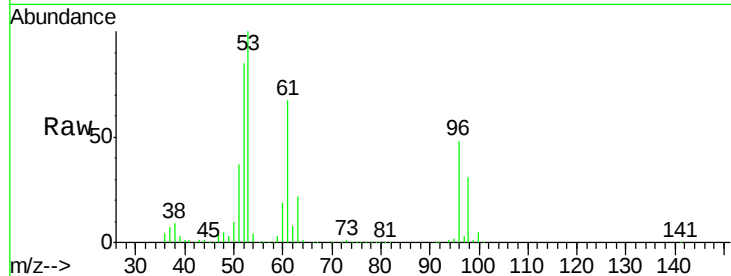
Tot Ion: 96 Resp: 127327

Ion Ratio Lower Upper

96 100

61 141.1 117.0 175.4

98 65.1 52.4 78.6



#22

Diisopropyl ether

Concen: 45.50 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

Tgt Ion: 45 Resp: 424286

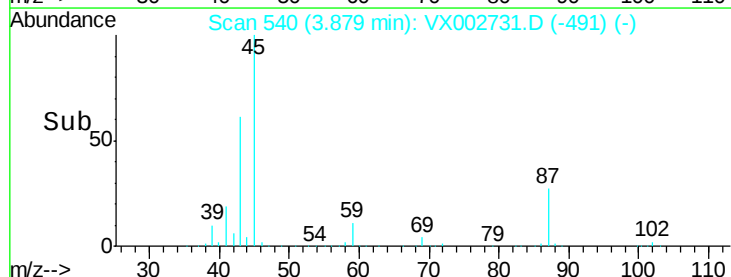
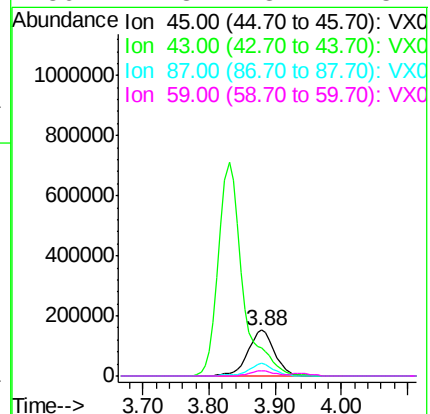
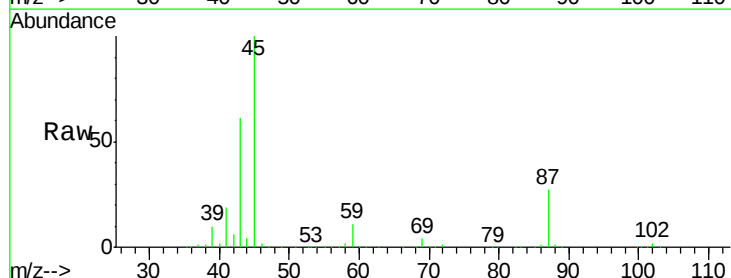
Ion Ratio Lower Upper

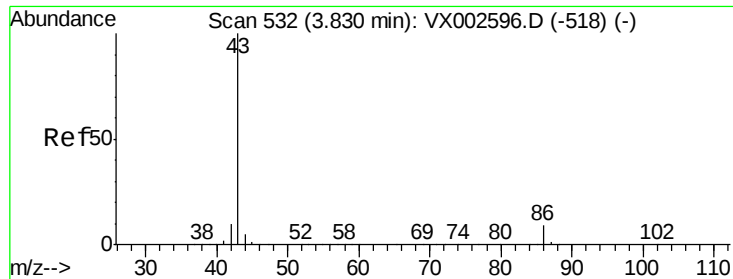
45 100

43 61.0 46.8 70.2

87 26.8 20.2 30.4

59 11.3 8.7 13.1





#23

Vinyl Acetate

Concen: 233.02 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

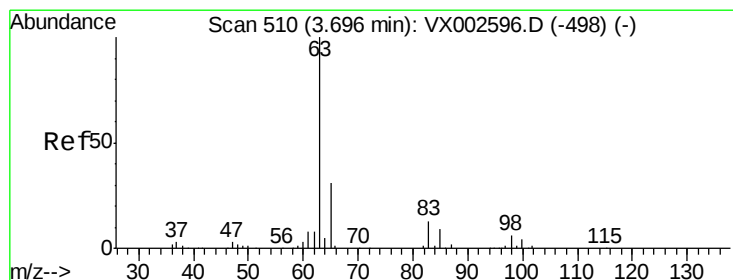
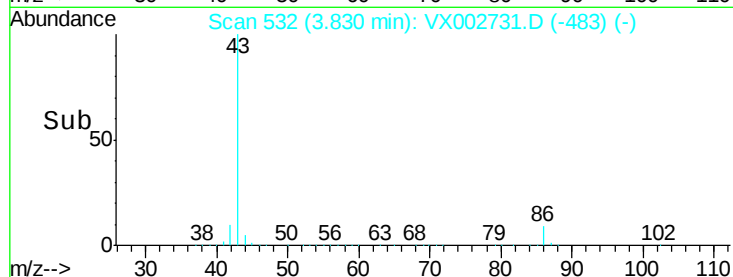
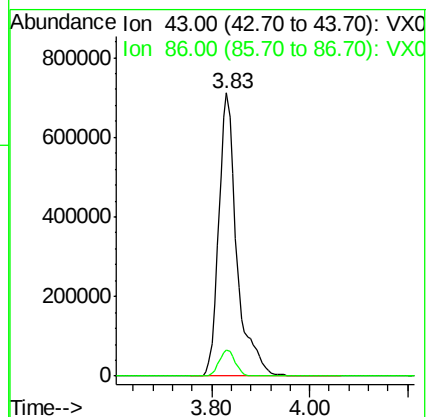
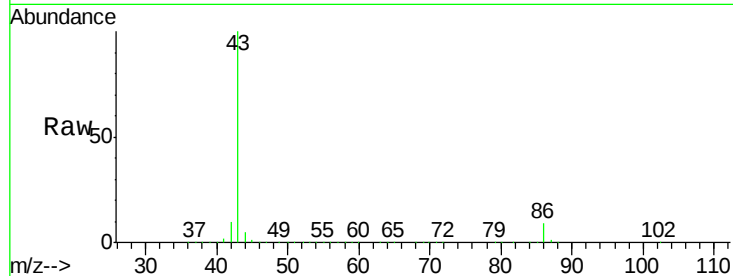
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1818600

Ion Ratio Lower Upper

43 100

86 9.4 7.4 11.0



#24

1,1-Dichloroethane

Concen: 48.76 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

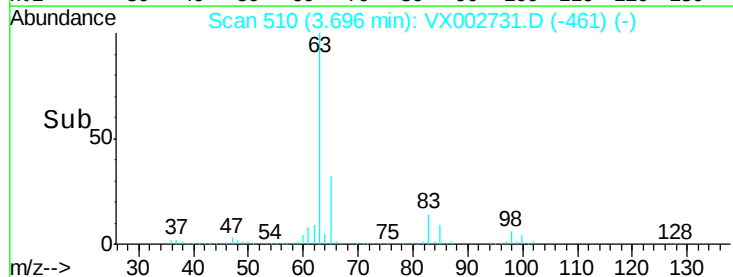
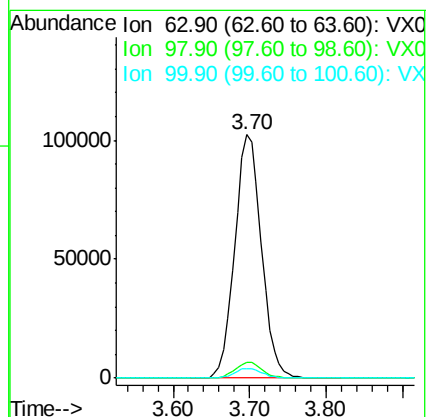
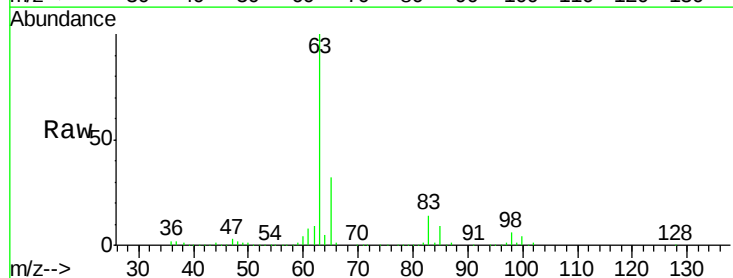
Tgt Ion: 63 Resp: 246794

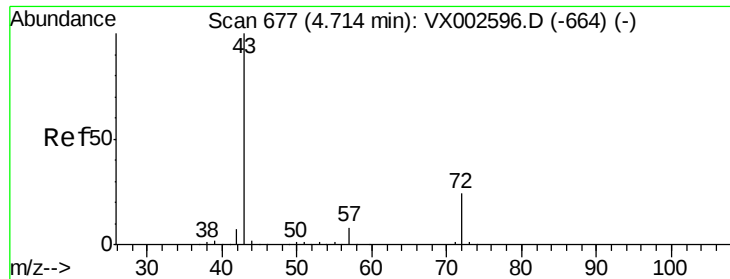
Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 244.68 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

Instrument :

MSVOA_X

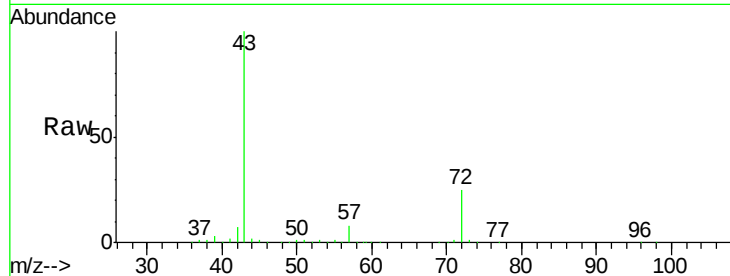
ClientSampleId :

Tot Ion: 43 Resp: 500469

Ion Ratio Lower Upper

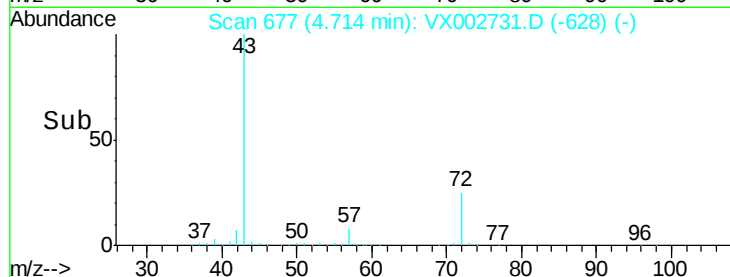
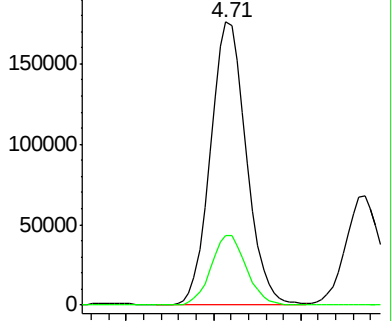
43 100

72 24.5 18.5 27.7

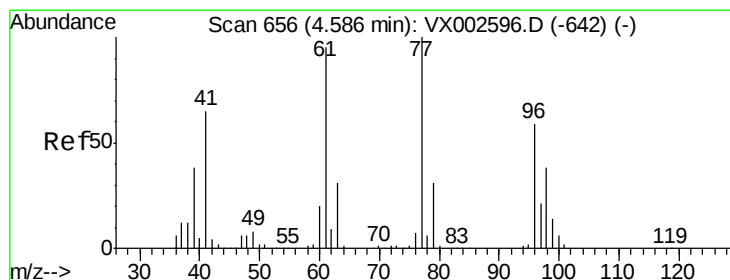


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 35.07 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002731.D

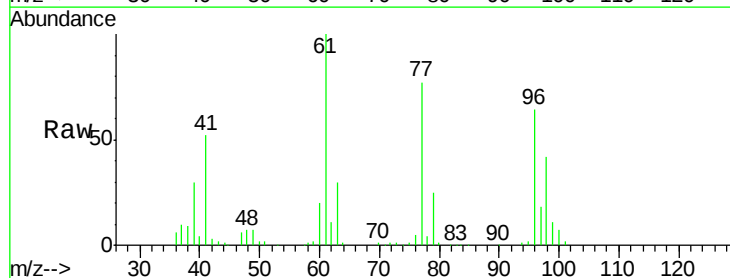
Acq: 19 Jun 2018 23:24

Tgt Ion: 77 Resp: 127538

Ion Ratio Lower Upper

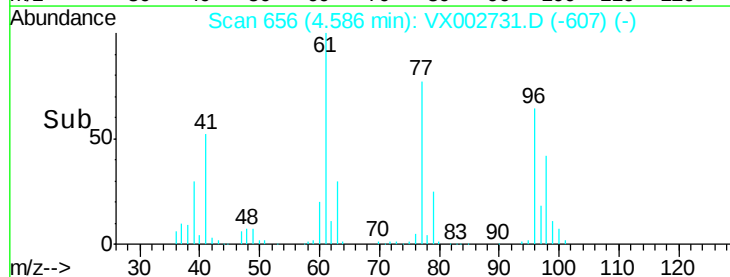
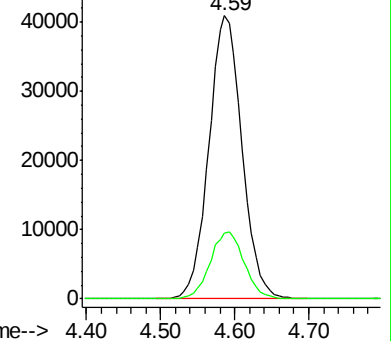
77 100

97 24.2 11.2 33.5

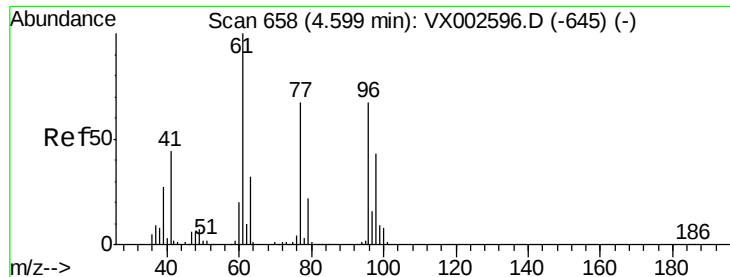


Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->

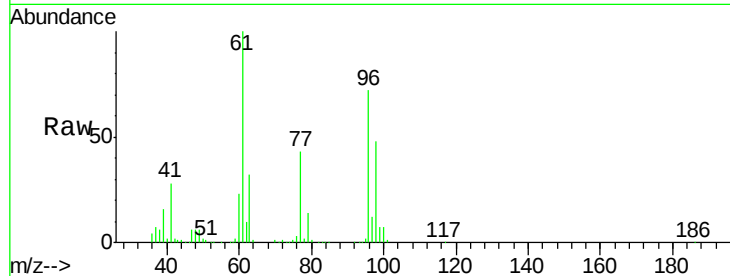


#27

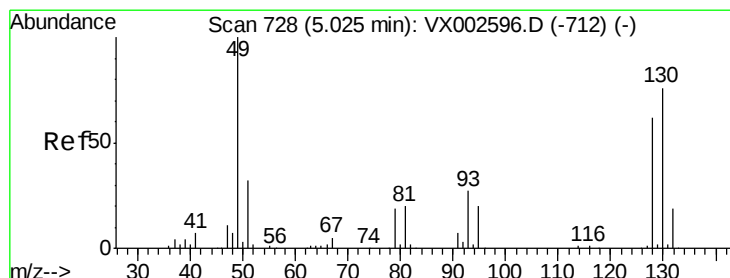
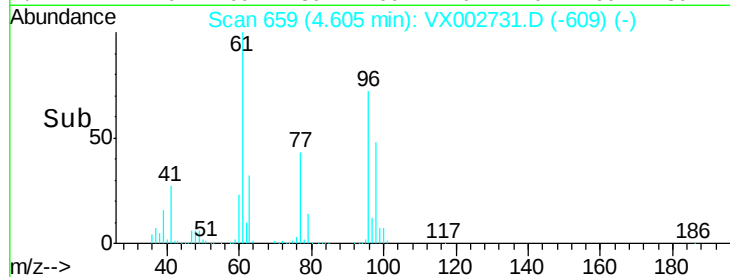
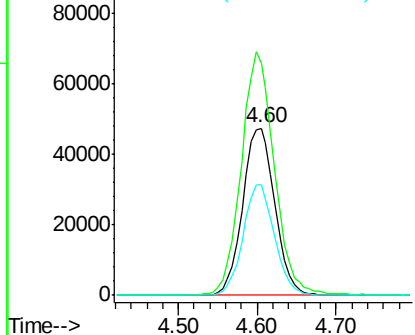
cis-1,2-Dichloroethene
Concen: 47.07 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX002731.D
Acq: 19 Jun 2018 23:24

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.9	0.0	330.2
98	64.7	0.0	130.2



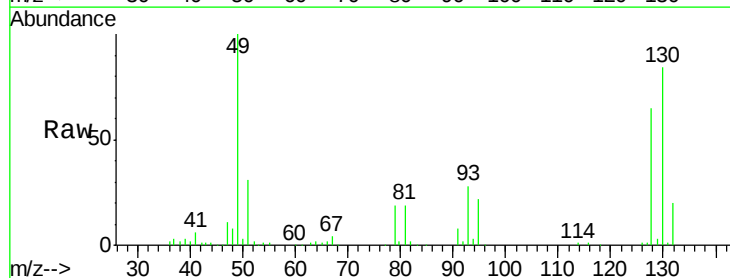
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



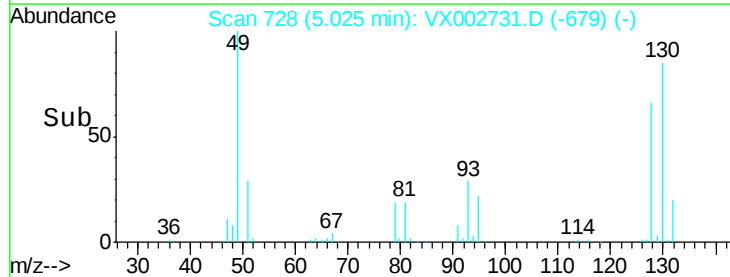
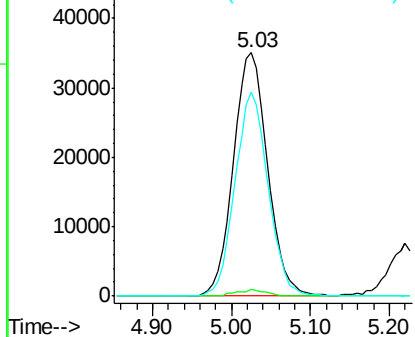
#28

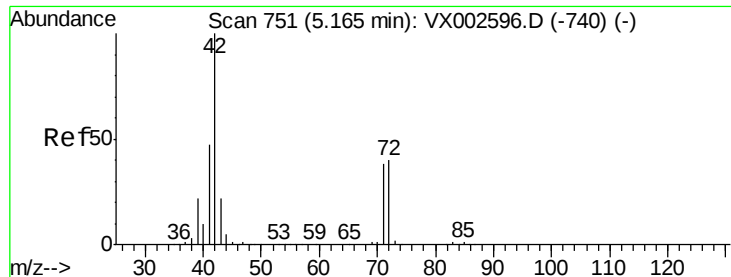
Bromochloromethane
Concen: 44.77 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002731.D
Acq: 19 Jun 2018 23:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	80.8	61.2	91.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

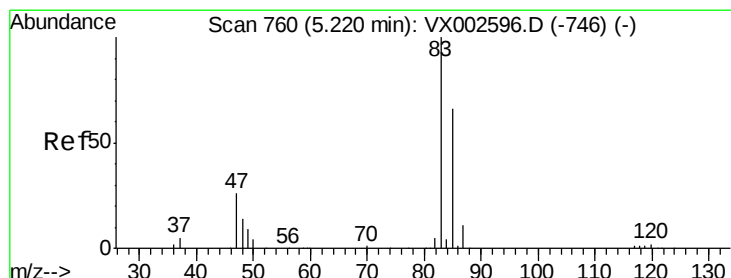
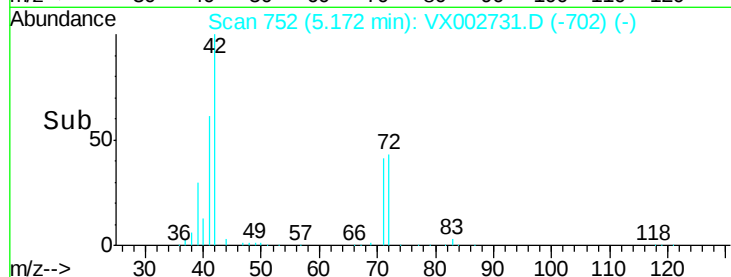
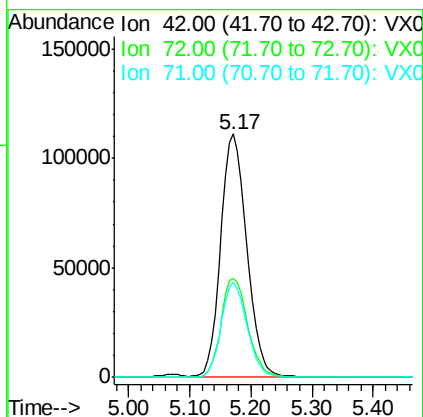
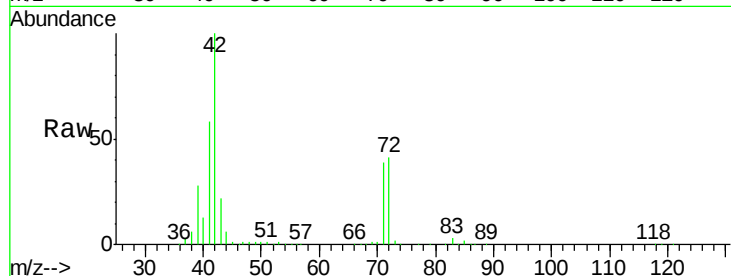




#29
Tetrahydrofuran
Concen: 244.33 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002731.D
Acq: 19 Jun 2018 23:24

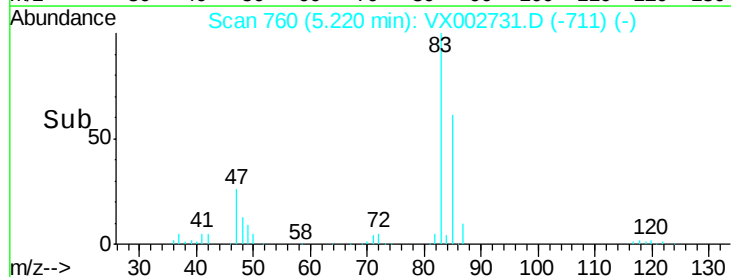
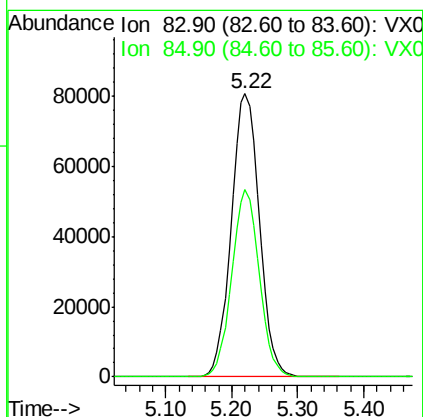
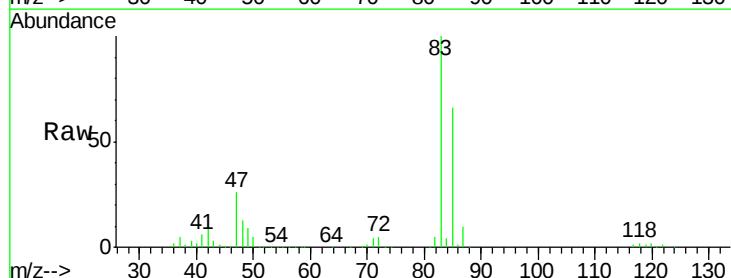
Instrument :
MSVOA_X
ClientSampled :

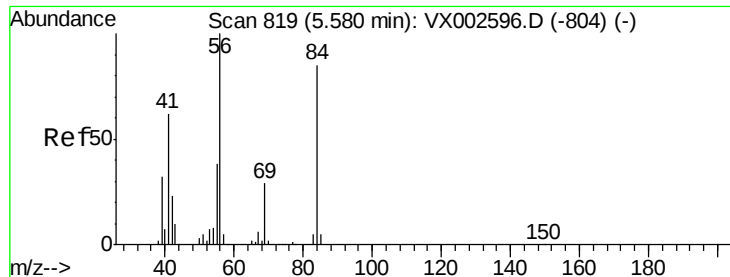
Tot Ion: 42 Resp: 327530
Ion Ratio Lower Upper
42 100
72 41.9 32.0 48.0
71 38.7 30.1 45.1



#30
Chloroform
Concen: 48.88 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002731.D
Acq: 19 Jun 2018 23:24

Tgt Ion: 83 Resp: 238570
Ion Ratio Lower Upper
83 100
85 66.1 50.4 75.6





#31

Cyclohexane

Concen: 46.61 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

Instrument :
MSVOA_X
ClientSampleId :

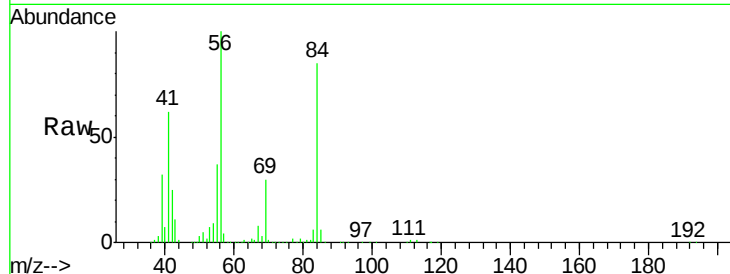
Tot Ion: 56 Resp: 194200

Ion Ratio Lower Upper

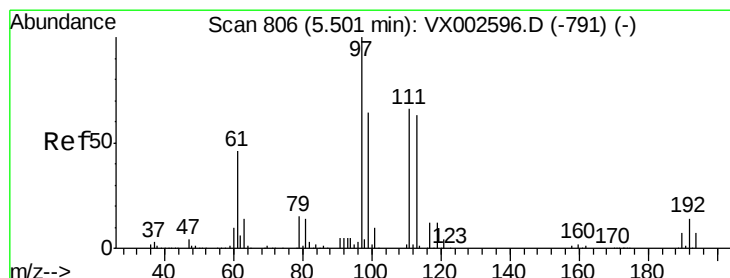
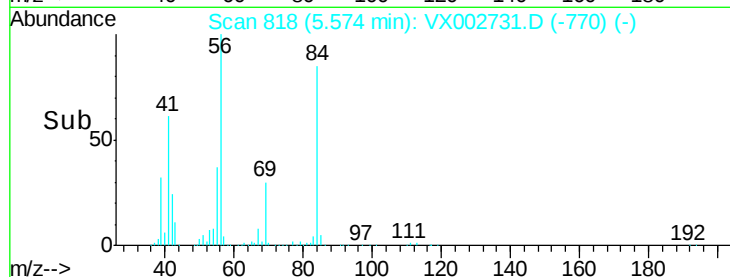
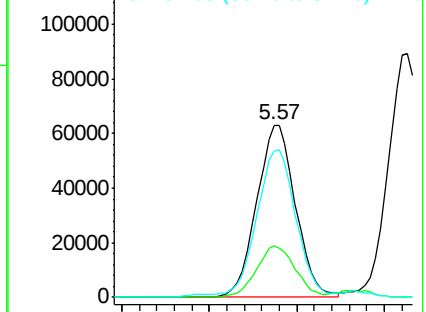
56 100

69 30.3 23.7 35.5

84 84.1 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 50.69 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

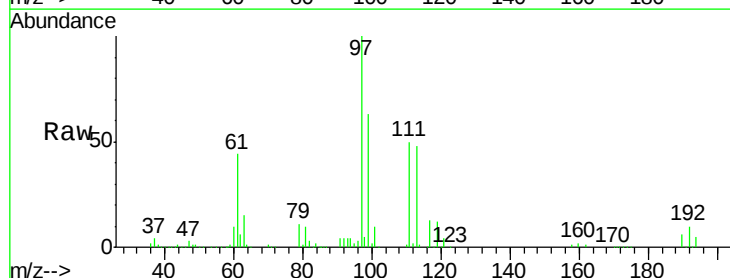
Tgt Ion: 97 Resp: 206896

Ion Ratio Lower Upper

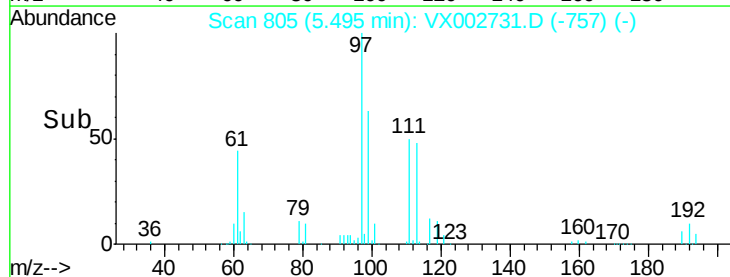
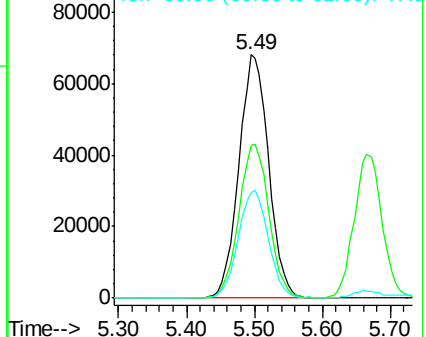
97 100

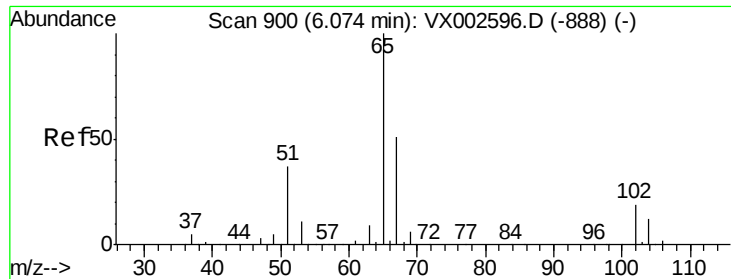
99 64.0 51.6 77.4

61 45.0 36.4 54.6



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

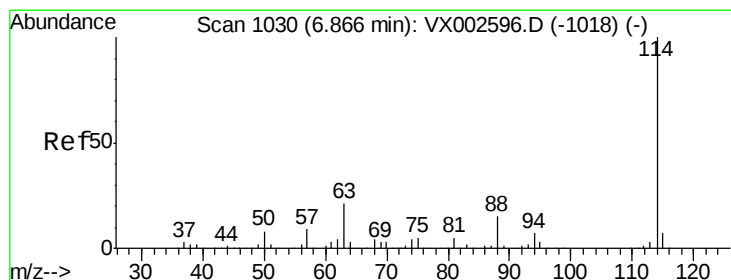
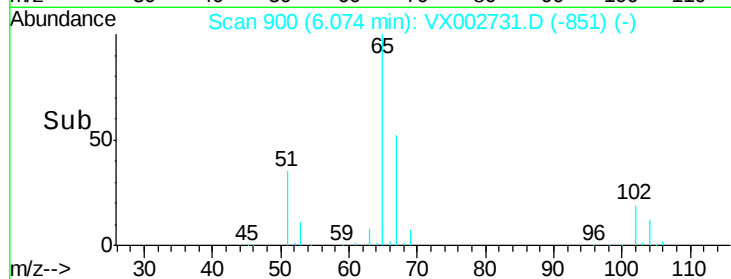
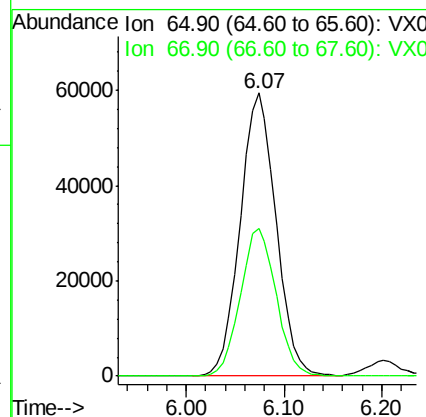
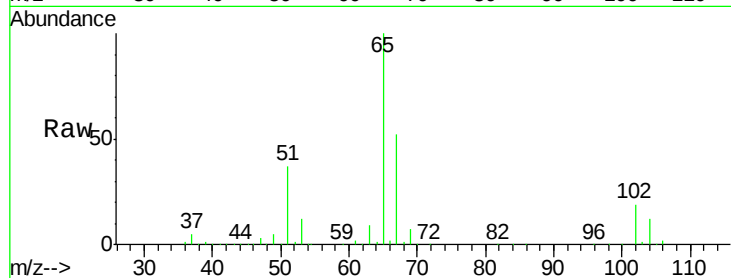




#33
 1,2-Dichloroethane-d4
 Concen: 43.02 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002731.D
 Acq: 19 Jun 2018 23:24

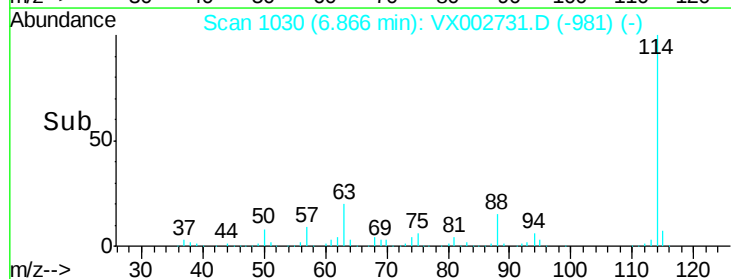
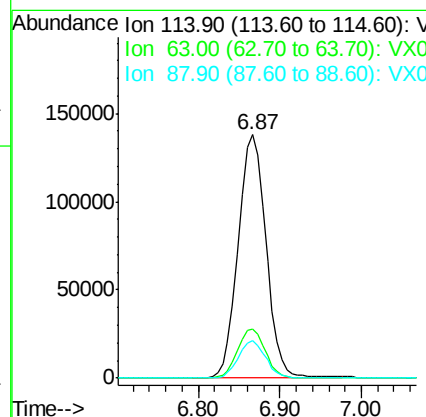
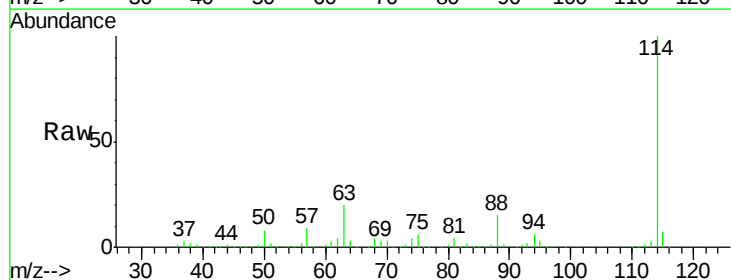
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 65 Resp: 151853
 Ion Ratio Lower Upper
 65 100
 67 52.0 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: VX002731.D
 Acq: 19 Jun 2018 23:24

Tgt Ion: 114 Resp: 326678
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.4
 88 15.2 0.0 30.0

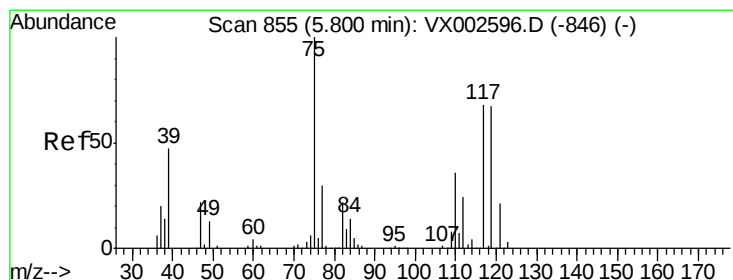
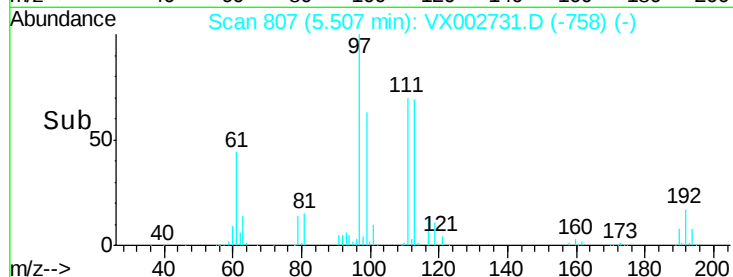
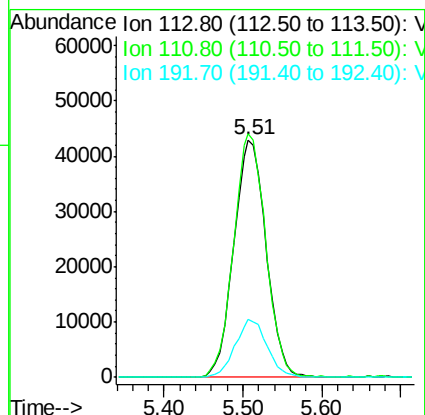
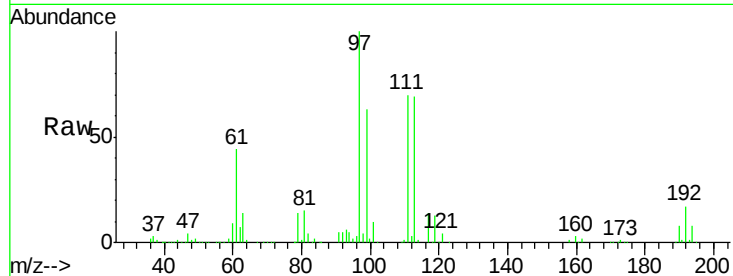




#35
Dibromofluoromethane
Concen: 47.02 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002731.D
Acq: 19 Jun 2018 23:24

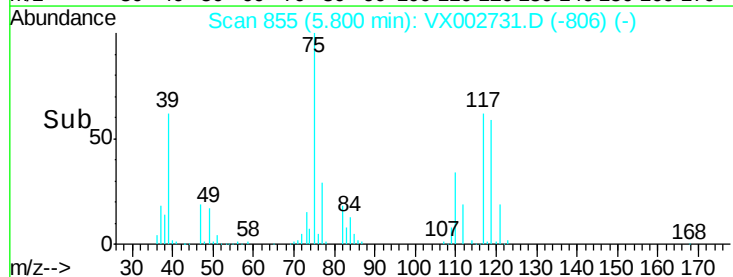
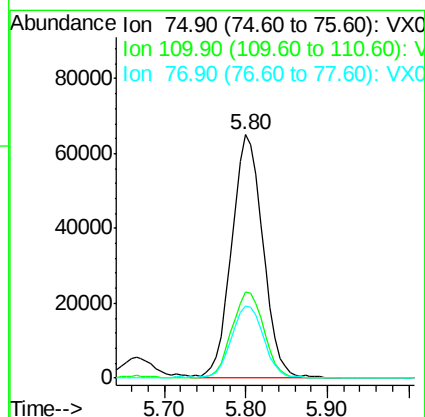
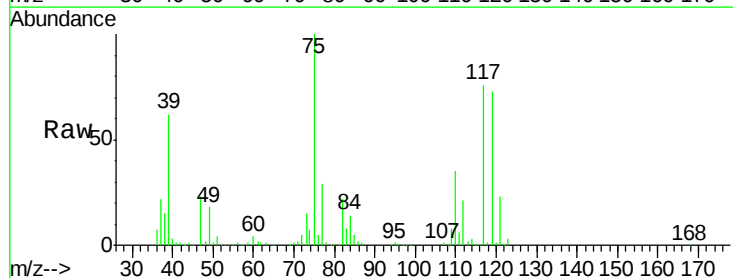
Instrument :
MSVOA_X
ClientSampleId :

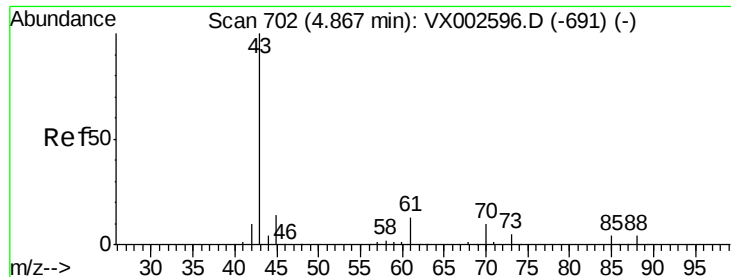
Tot Ion:113 Resp: 122581
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 23.9 19.1 28.7



#36
1,1-Dichloropropene
Concen: 49.22 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.00 min
Lab File: VX002731.D
Acq: 19 Jun 2018 23:24

Tgt Ion: 75 Resp: 170781
Ion Ratio Lower Upper
75 100
110 36.9 18.1 54.4
77 31.2 24.3 36.5

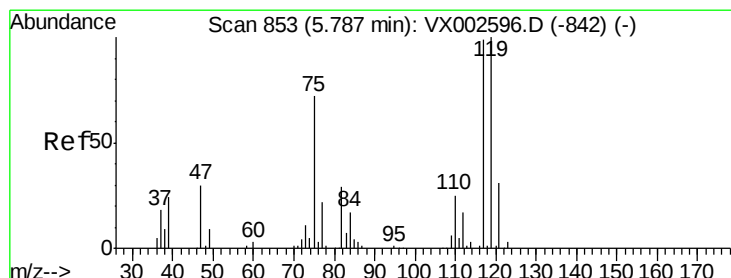
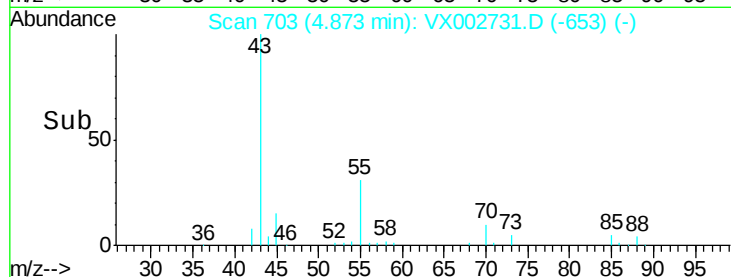
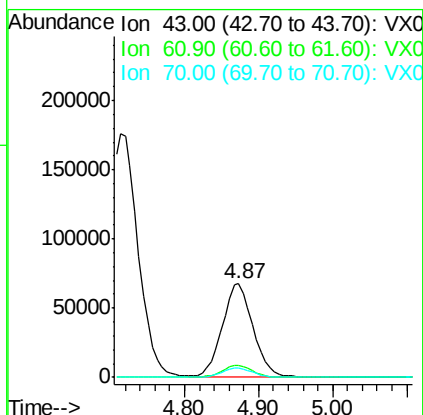
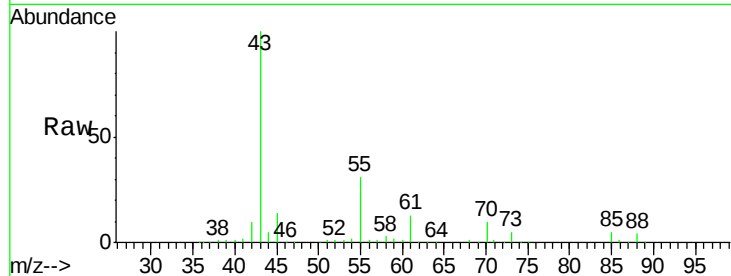




#37
Ethyl Acetate
Concen: 49.55 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX002731.D
Acq: 19 Jun 2018 23:24

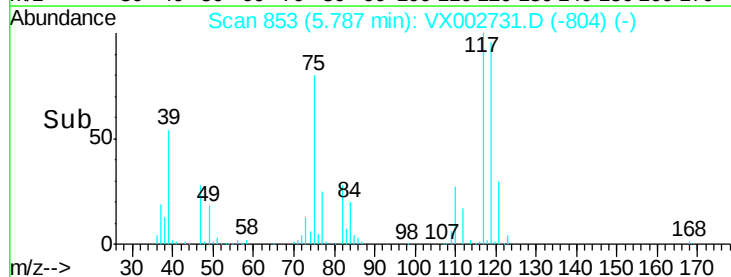
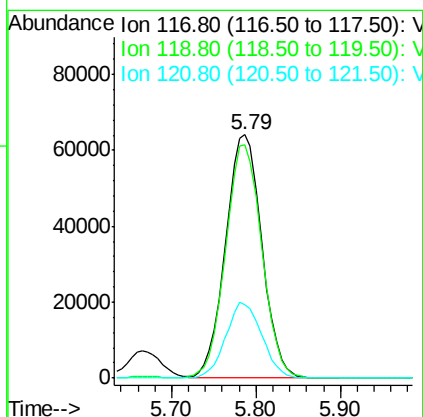
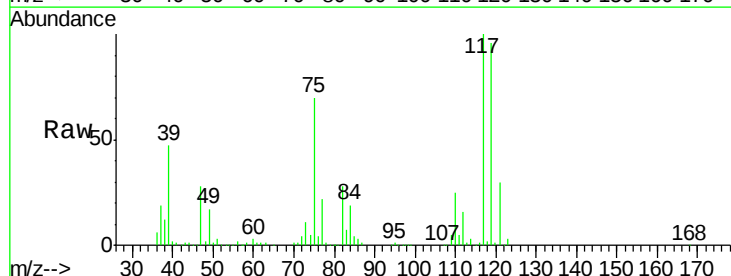
Instrument :
MSVOA_X
ClientSampled :

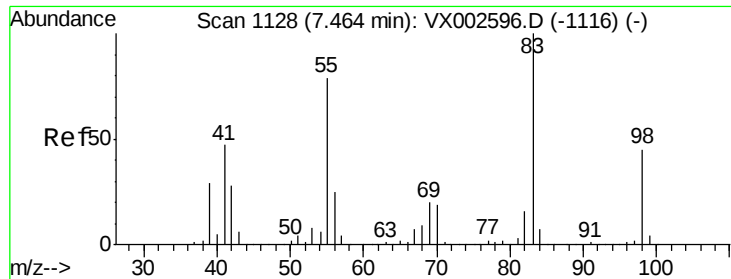
Tot Ion: 43 Resp: 194582
Ion Ratio Lower Upper
43 100
61 12.6 10.4 15.6
70 9.8 7.6 11.4



#38
Carbon Tetrachloride
Concen: 54.36 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002731.D
Acq: 19 Jun 2018 23:24

Tgt Ion: 117 Resp: 187801
Ion Ratio Lower Upper
117 100
119 95.9 77.4 116.0
121 30.2 24.4 36.6

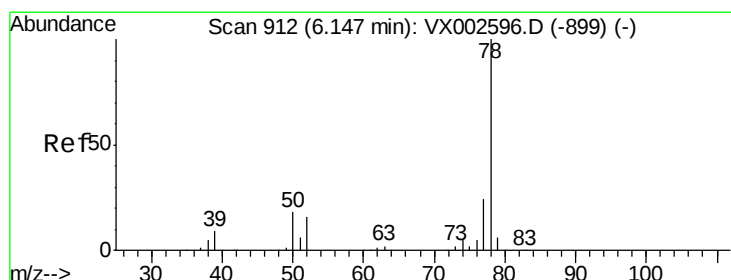
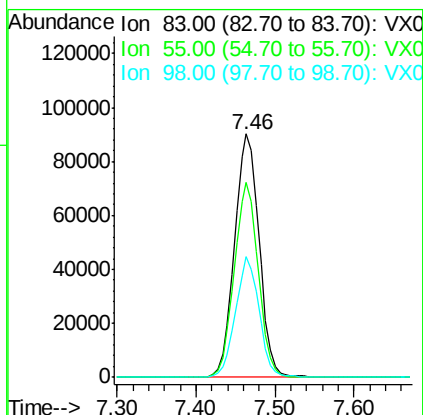
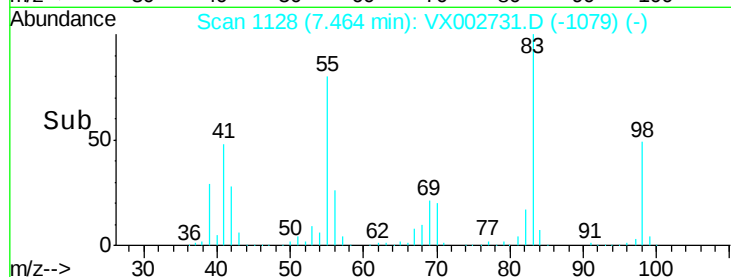
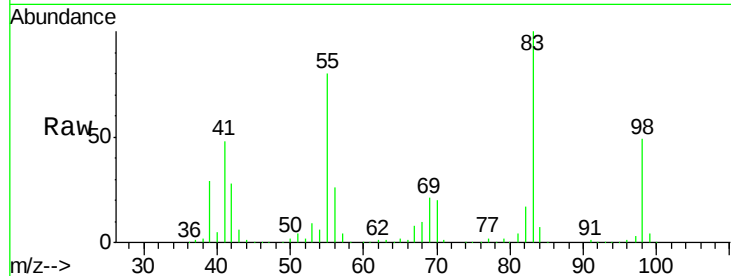




#39
Methvlcvclohexane
Concen: 48.34 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002731.D
Acq: 19 Jun 2018 23:24

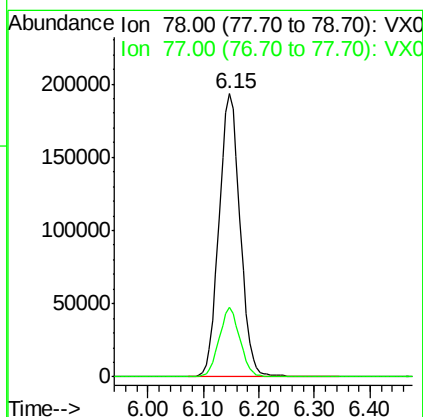
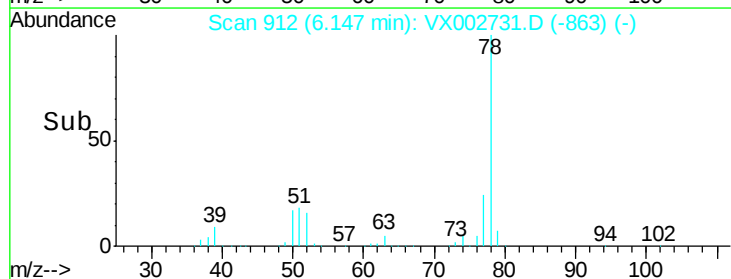
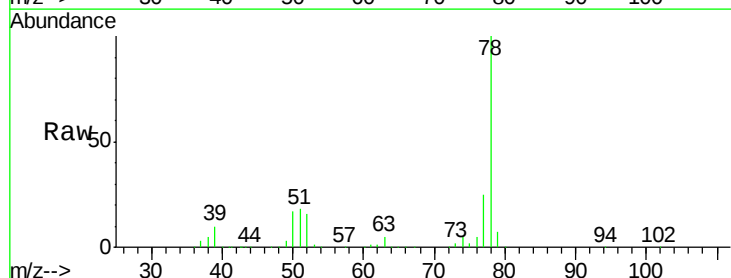
Instrument :
MSVOA_X
ClientSampleId :

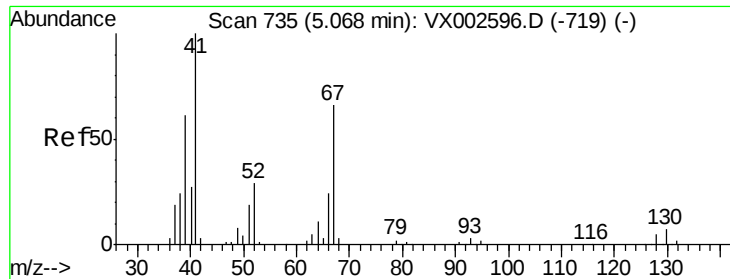
Tot Ion	83	Resp	196061
Ion	Ratio	Lower	Upper
83	100		
55	80.3	65.4	98.0
98	49.4	37.4	56.0



#40
Benzene
Concen: 48.82 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002731.D
Acq: 19 Jun 2018 23:24

Tgt Ion	78	Resp	507926
Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.1	28.7





#41

Methacrylonitrile

Concen: 50.01 ug/l

RT: 5.07 min Scan# 735

Delta R.T. 0.00 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 110886

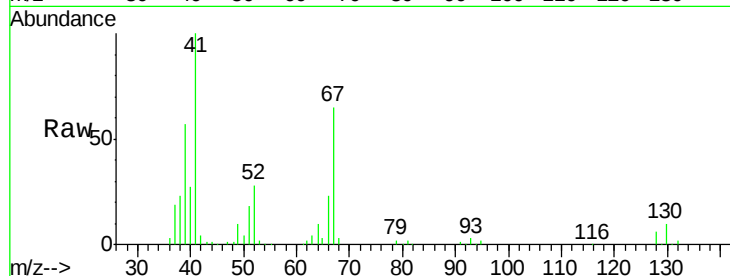
Ion Ratio Lower Upper

41 100

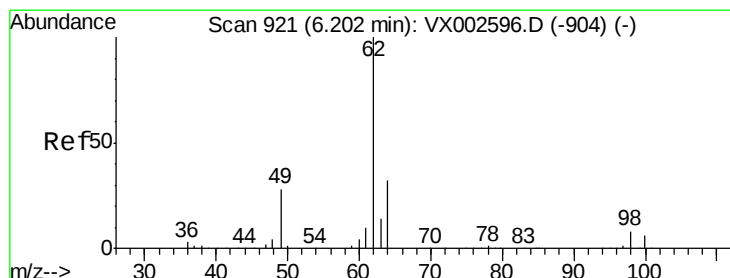
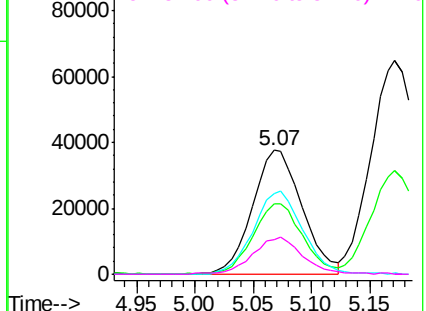
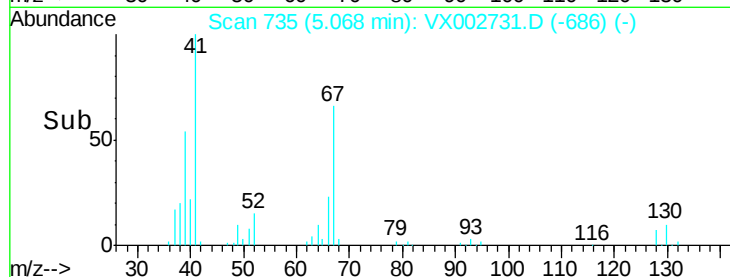
39 56.7 45.8 68.6

67 66.8 51.3 76.9

52 29.4 23.0 34.6



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



#42

1,2-Dichloroethane

Concen: 49.69 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.00 min

Lab File: VX002731.D

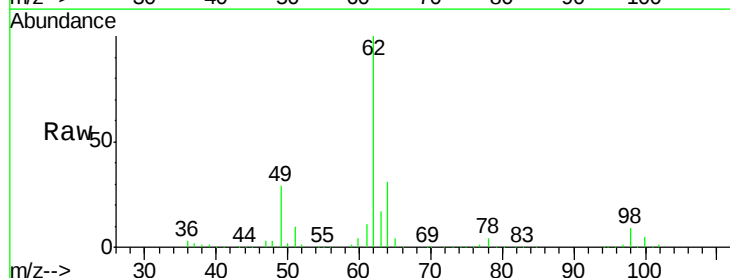
Acq: 19 Jun 2018 23:24

Tgt Ion: 62 Resp: 200126

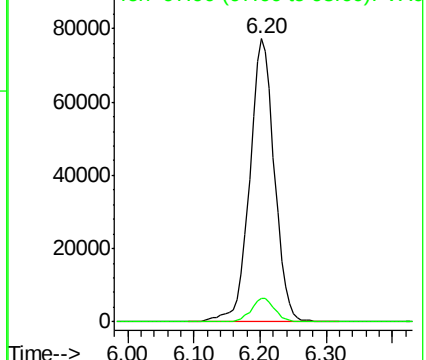
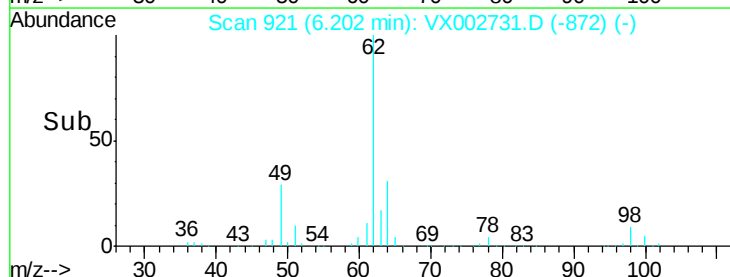
Ion Ratio Lower Upper

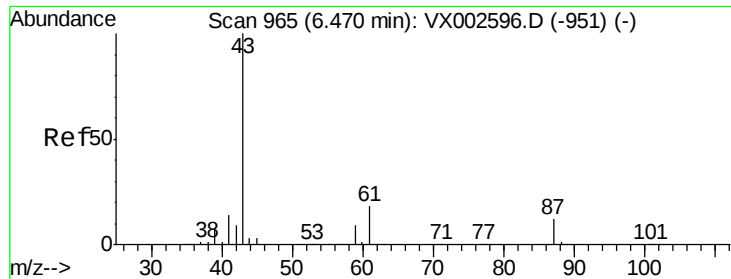
62 100

98 8.2 0.0 16.6



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



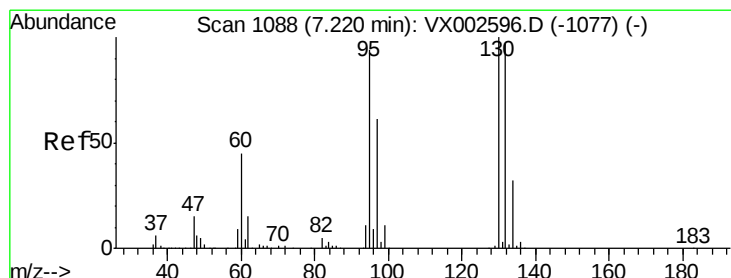
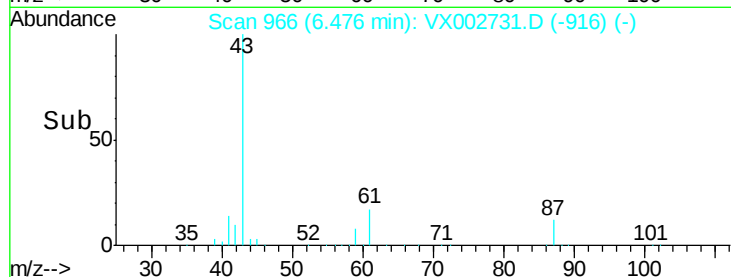
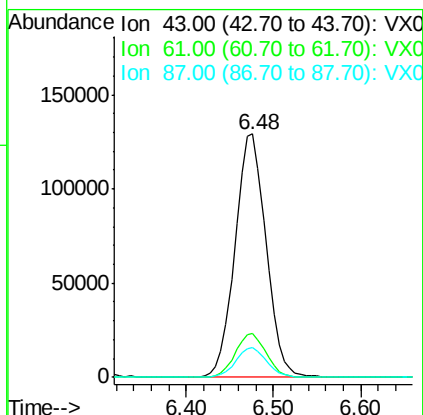
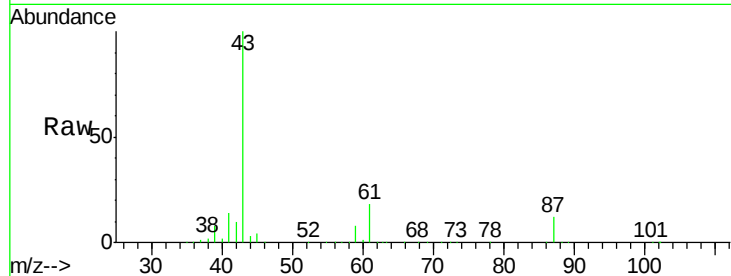


#43

Isopropyl Acetate
 Concen: 48.90 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX002731.D
 Acq: 19 Jun 2018 23:24

Instrument :
 MSVOA_X
 ClientSampleId :

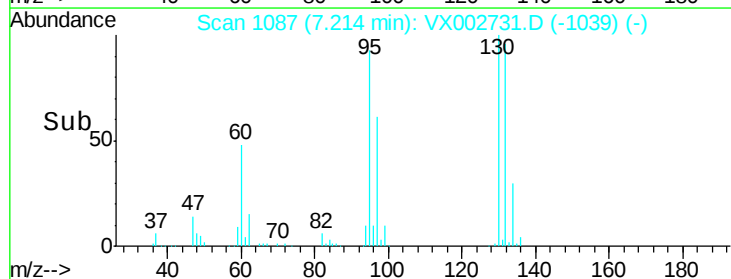
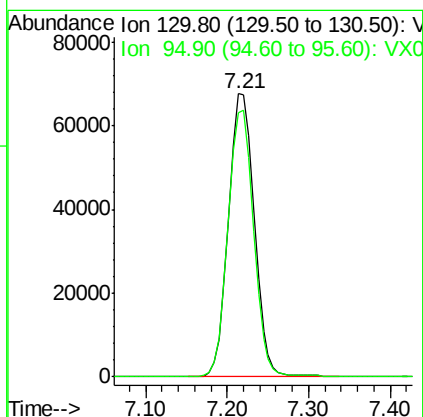
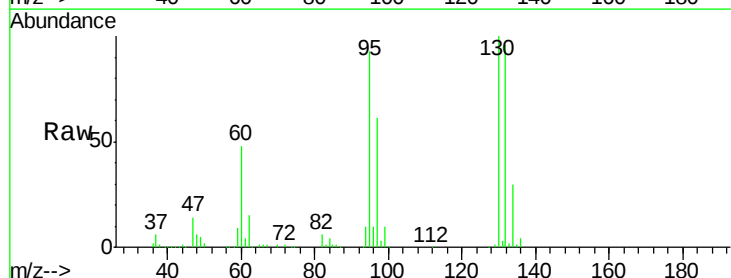
Tot Ion: 43 Resp: 318172
 Ion Ratio Lower Upper
 43 100
 61 18.1 14.4 21.6
 87 12.2 9.5 14.3

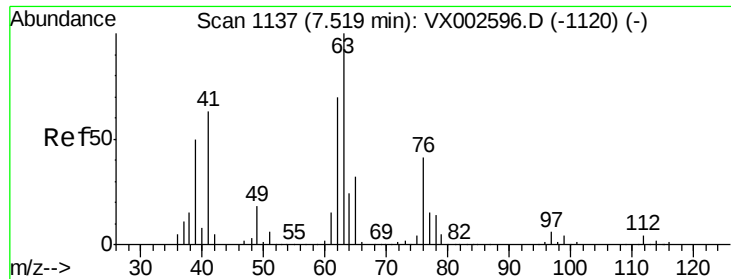


#44

Trichloroethene
 Concen: 49.40 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002731.D
 Acq: 19 Jun 2018 23:24

Tgt Ion: 130 Resp: 148330
 Ion Ratio Lower Upper
 130 100
 95 93.2 0.0 185.4

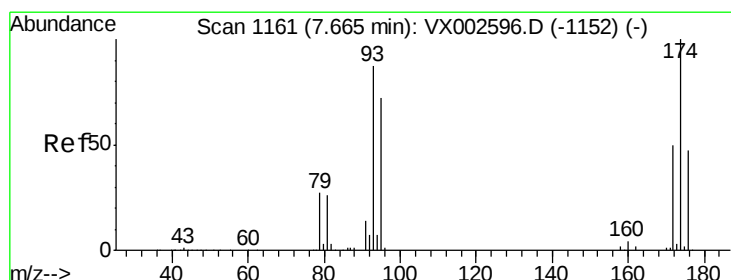
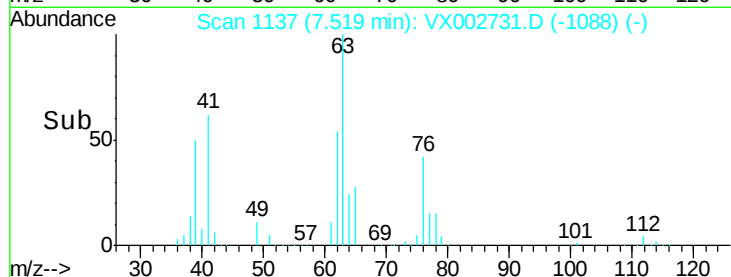
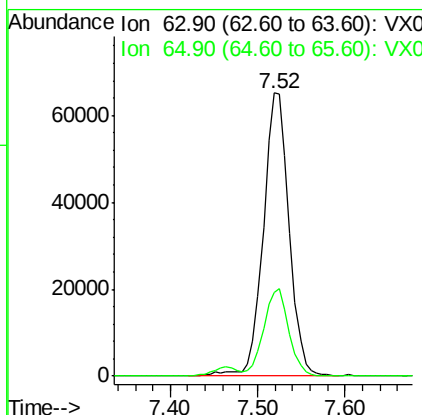
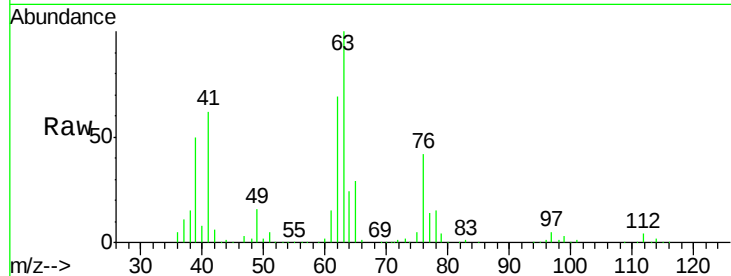




#45
 1,2-Dichloropropane
 Concen: 49.29 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX002731.D
 Acq: 19 Jun 2018 23:24

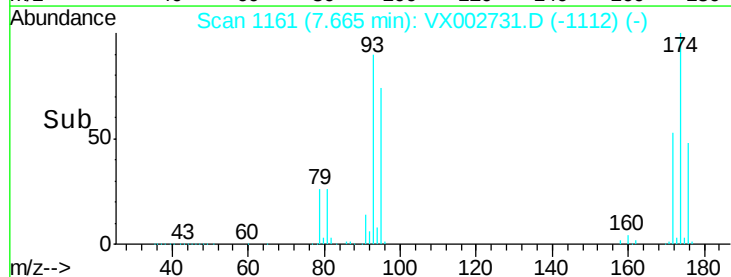
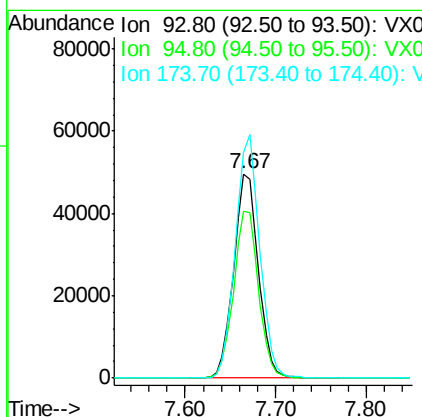
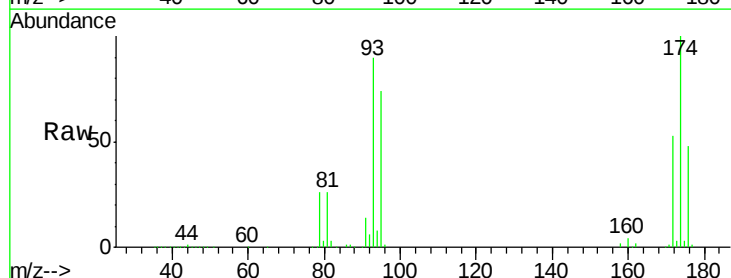
Instrument :
 MSVOA_X
 ClientSampleId :

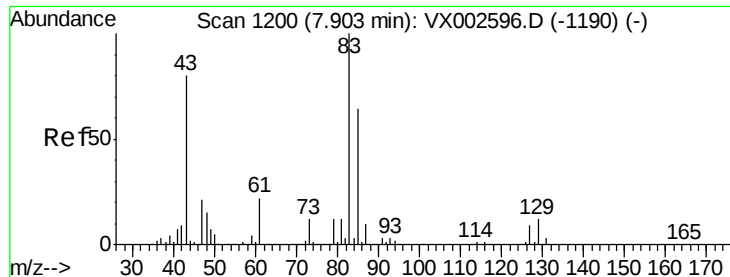
Tot Ion: 63 Resp: 134964
 Ion Ratio Lower Upper
 63 100
 65 29.4 24.7 37.1



#46
 Dibromomethane
 Concen: 51.36 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002731.D
 Acq: 19 Jun 2018 23:24

Tgt Ion: 93 Resp: 94070
 Ion Ratio Lower Upper
 93 100
 95 82.4 65.9 98.9
 174 117.4 92.4 138.6





#47

Bromodichloromethane

Concen: 53.86 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

Instrument :
MSVOA_X
ClientSampleId :

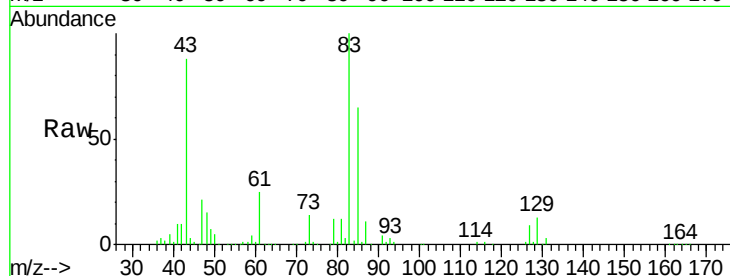
Tot Ion: 83 Resp: 173988

Ion Ratio Lower Upper

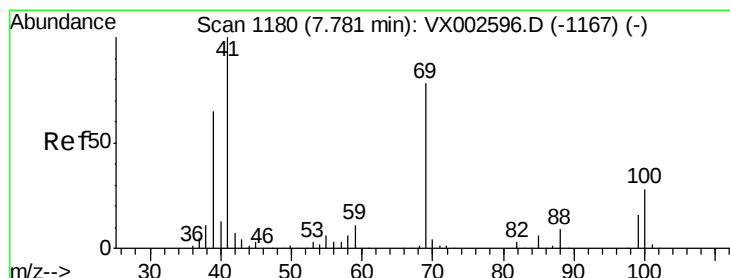
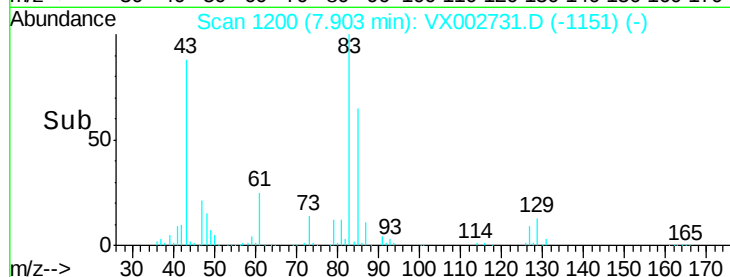
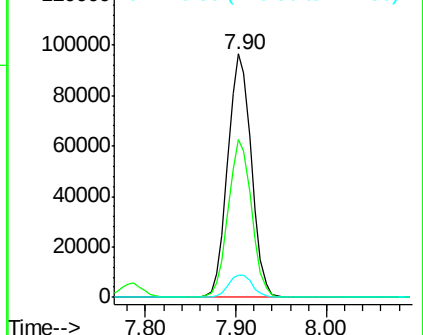
83 100

85 65.1 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: 49.07 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

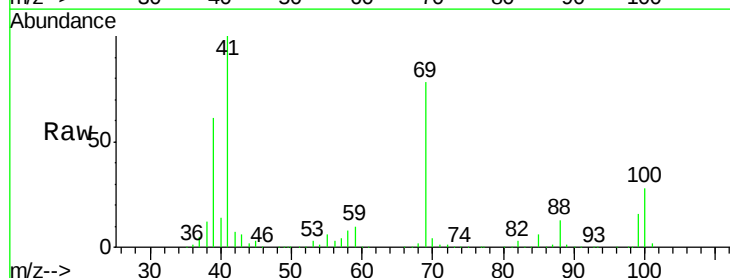
Tgt Ion: 41 Resp: 163135

Ion Ratio Lower Upper

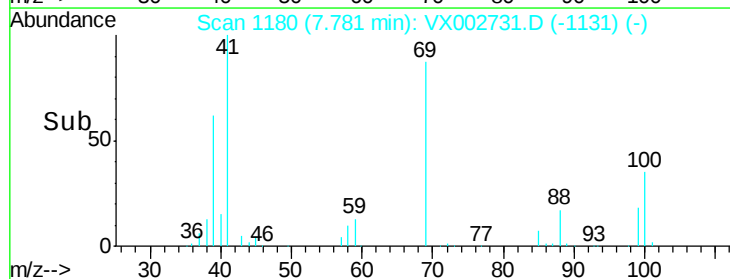
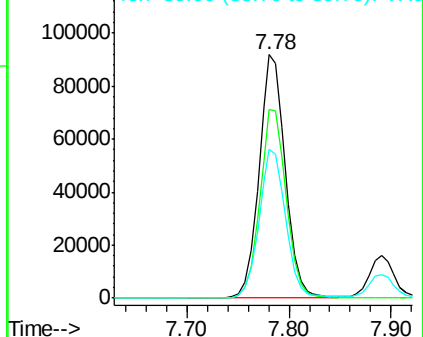
41 100

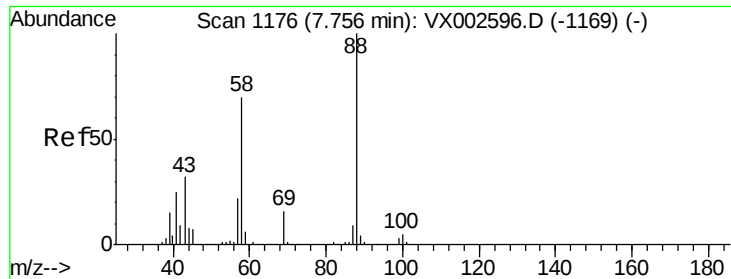
69 78.8 59.1 88.7

39 62.1 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

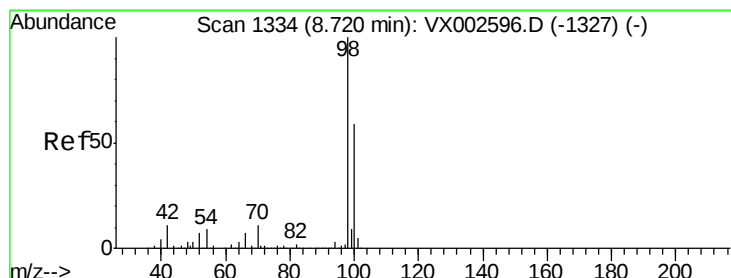
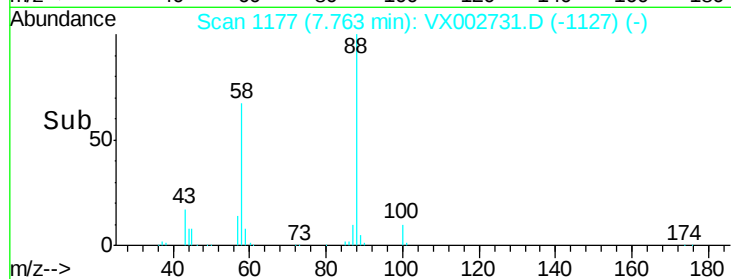
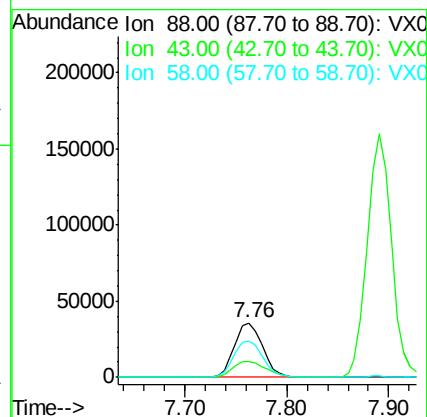
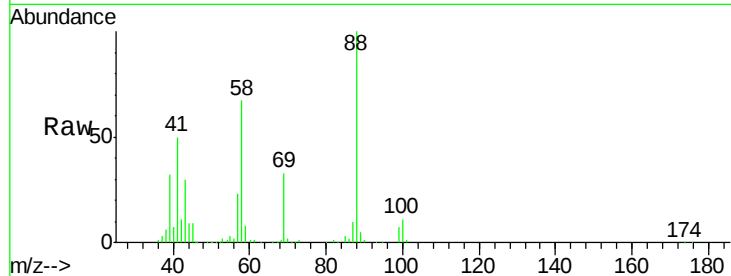




#49
1,4-Dioxane
Concen: 1094.64 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002731.D
Acq: 19 Jun 2018 23:24

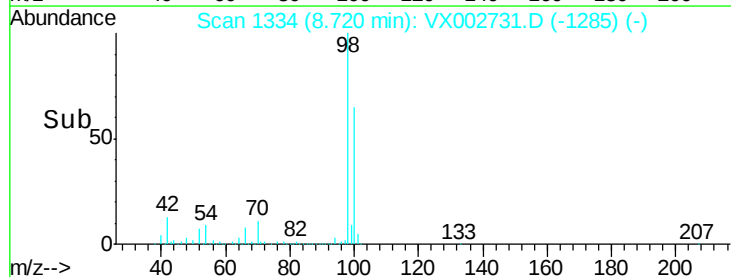
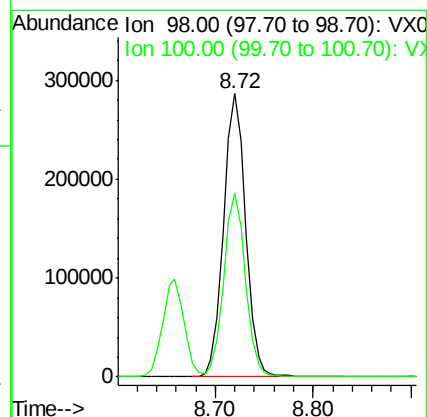
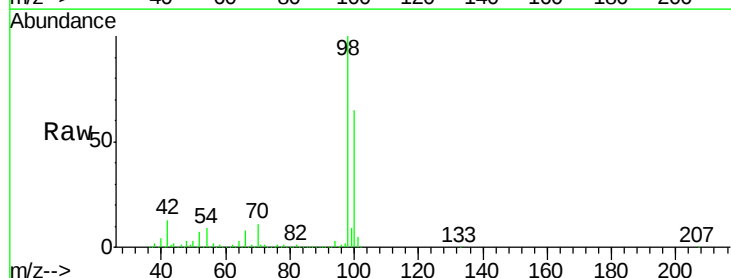
Instrument :
MSVOA_X
ClientSampleId :

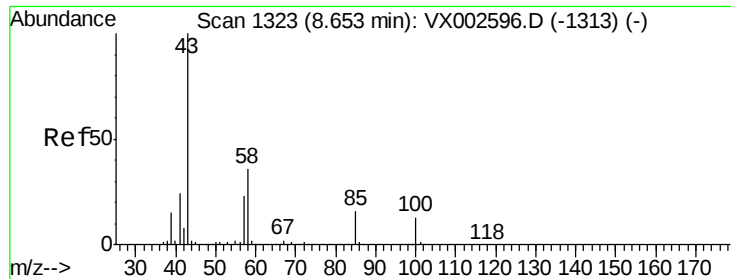
Tot Ion	88	Resp	68923
Ion	Ratio	Lower	Upper
88	100		
43	34.6	29.8	44.6
58	68.5	57.1	85.7



#50
Toluene-d8
Concen: 45.32 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002731.D
Acq: 19 Jun 2018 23:24

Tgt Ion	98	Resp	448685
Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.9	76.3

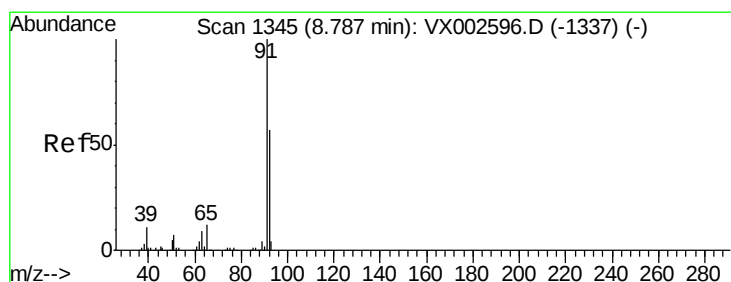
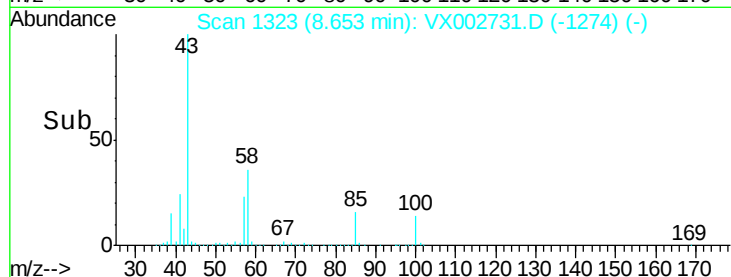
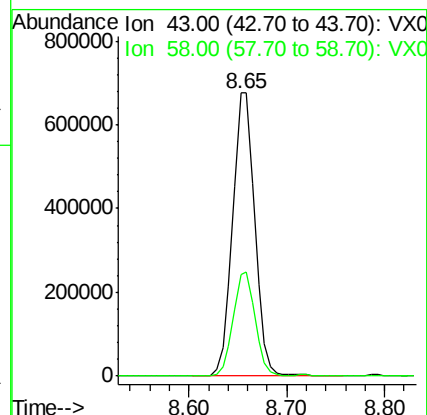
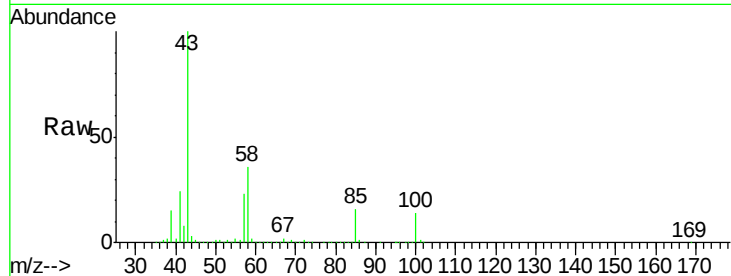




#51
4-Methyl-2-Pentanone
Concen: 255.37 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX002731.D
Acq: 19 Jun 2018 23:24

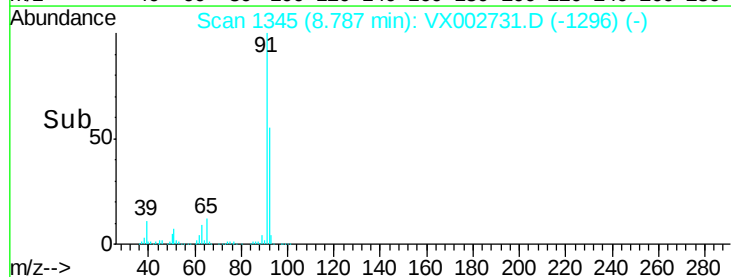
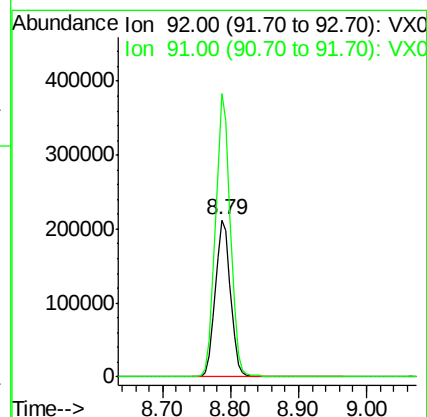
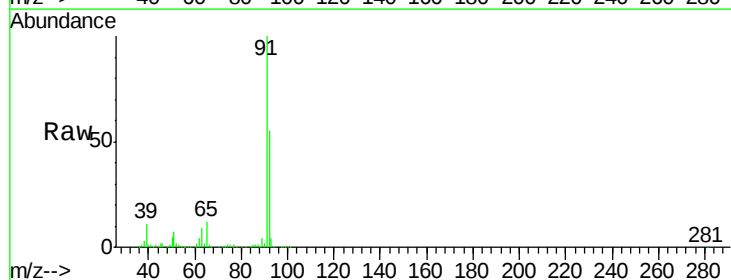
Instrument :
MSVOA_X
ClientSampleId :

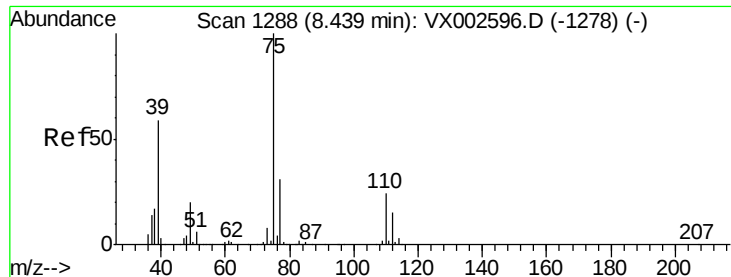
Tot Ion: 43 Resp: 1066816
Ion Ratio Lower Upper
43 100
58 36.3 28.6 42.8



#52
Toluene
Concen: 49.73 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002731.D
Acq: 19 Jun 2018 23:24

Tgt Ion: 92 Resp: 330006
Ion Ratio Lower Upper
92 100
91 176.5 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 45.55 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

Instrument :

MSVOA_X

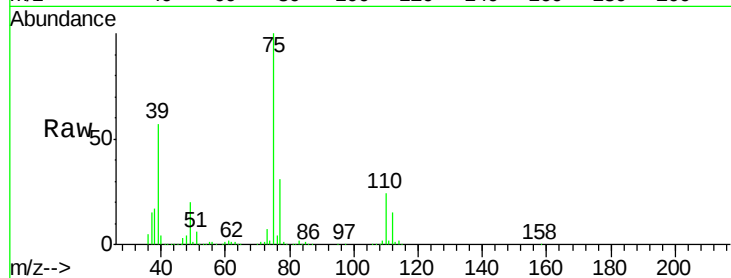
ClientSampled :

Tot Ion: 75 Resp: 193802

Ion Ratio Lower Upper

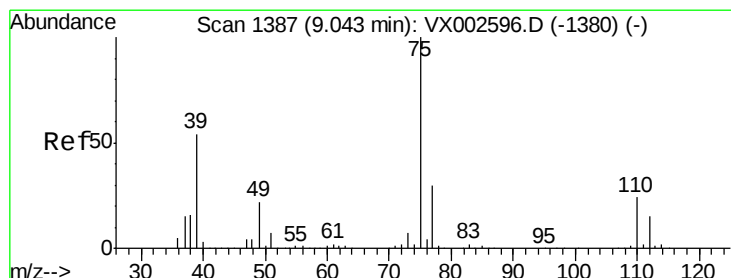
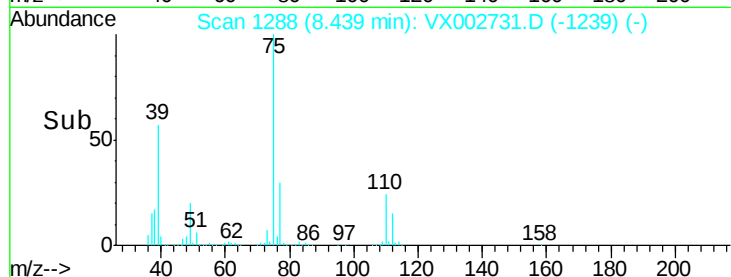
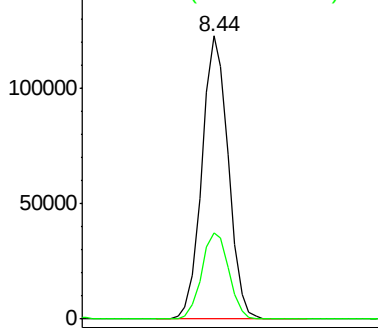
75 100

77 30.5 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 44.36 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

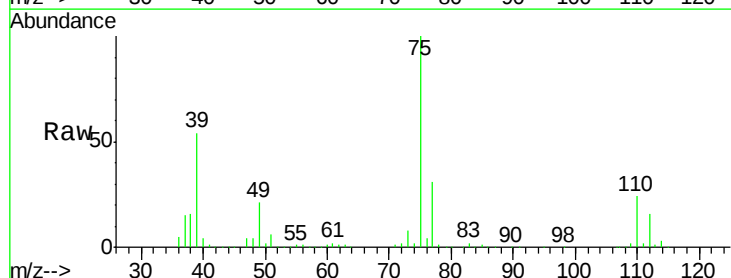
Tgt Ion: 75 Resp: 179384

Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2

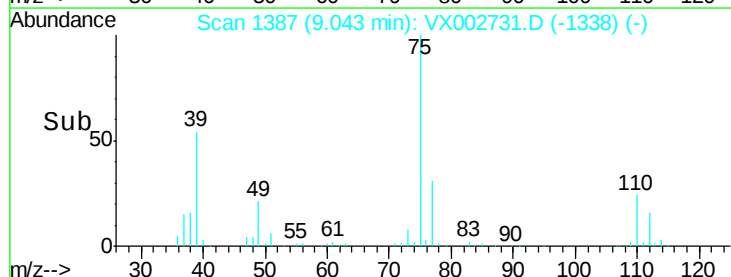
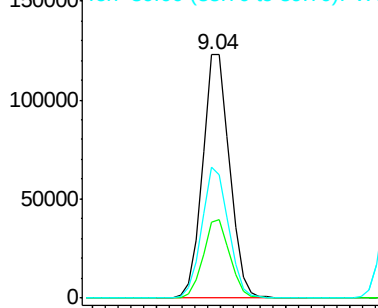
39 53.8 42.4 63.6

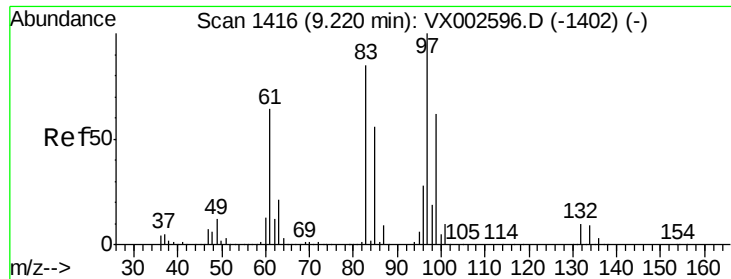


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

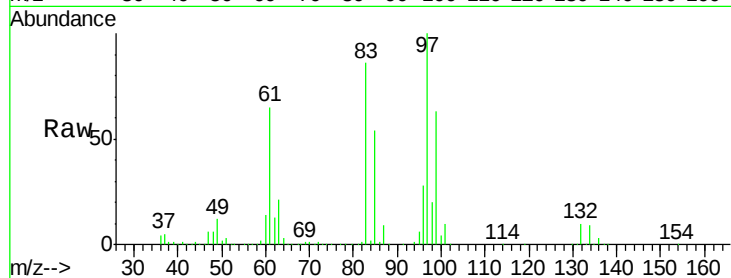




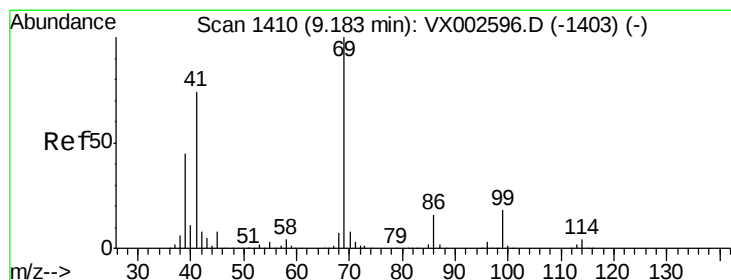
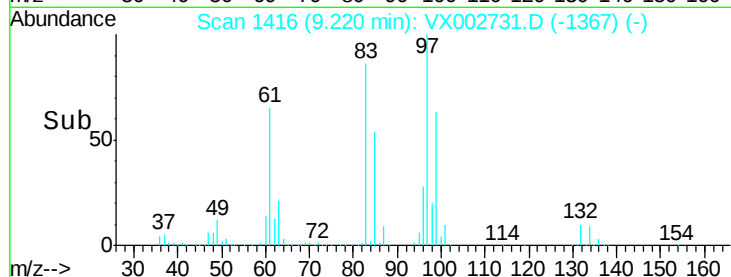
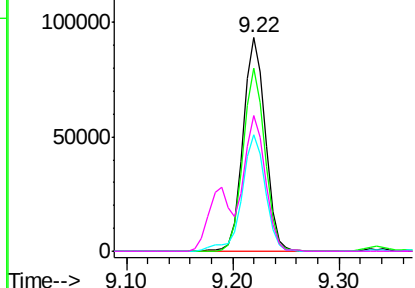
#55
 1,1,2-Trichloroethane
 Concen: 51.22 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002731.D
 Acq: 19 Jun 2018 23:24

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 137355
 Ion Ratio Lower Upper
 97 100
 83 85.8 70.2 105.2
 85 54.4 44.9 67.3
 99 63.3 49.8 74.8

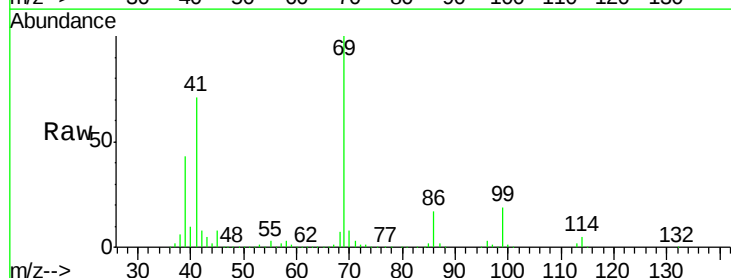


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

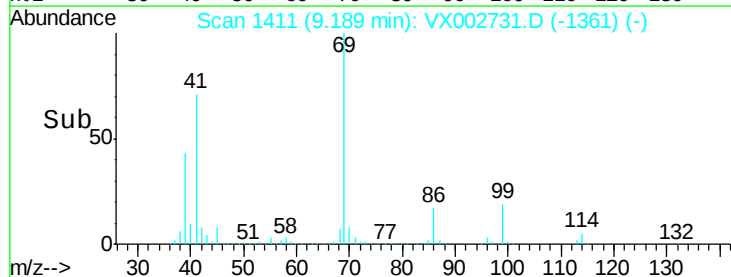
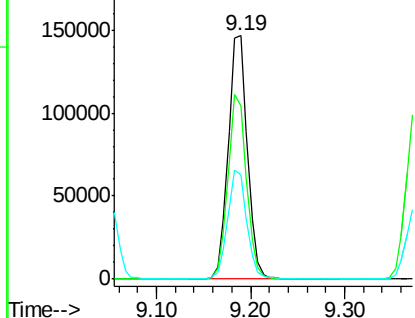


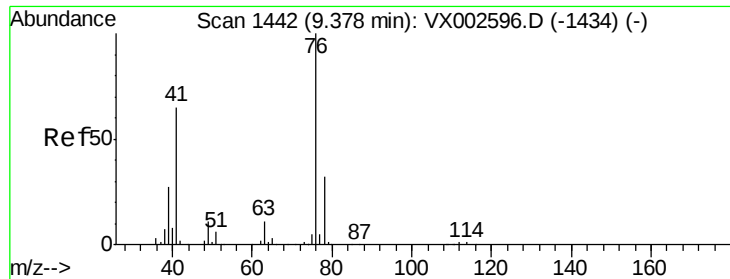
#56
 Ethyl methacrylate
 Concen: 50.18 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX002731.D
 Acq: 19 Jun 2018 23:24

Tgt Ion: 69 Resp: 207060
 Ion Ratio Lower Upper
 69 100
 41 73.3 60.3 90.5
 39 44.5 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

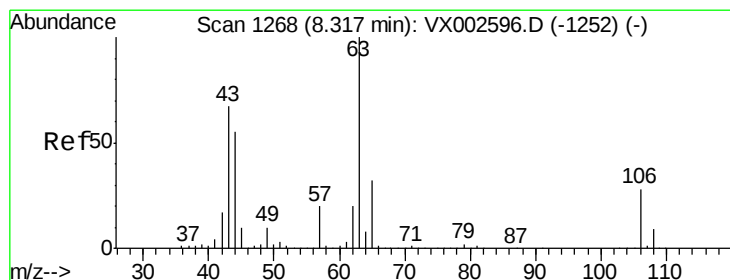
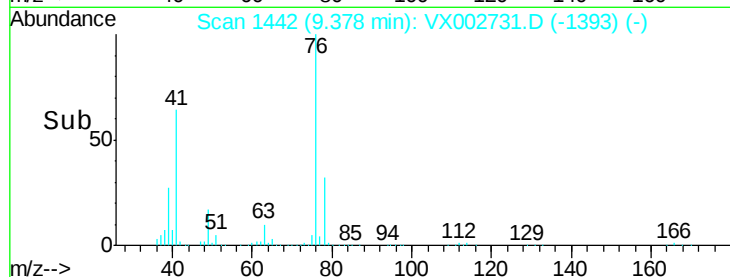
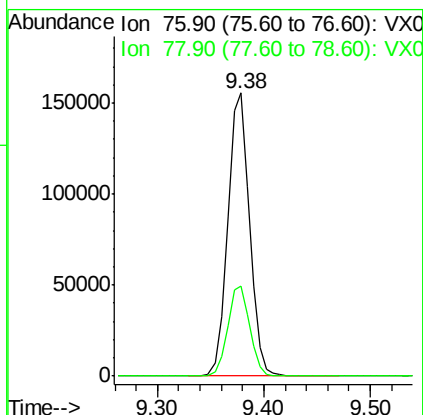
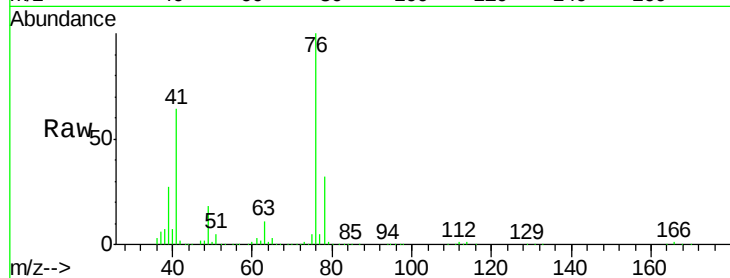




#57
 1,3-Dichloropropane
 Concen: 49.01 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002731.D
 Acq: 19 Jun 2018 23:24

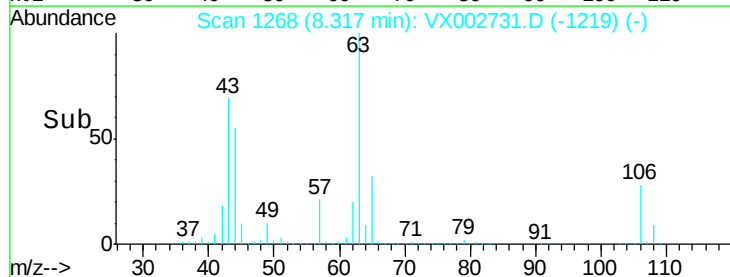
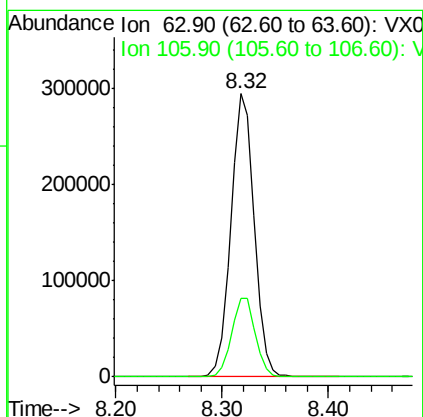
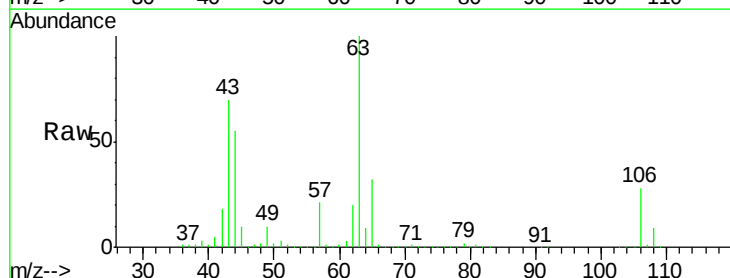
Instrument :
 MSVOA_X
 ClientSampleId :

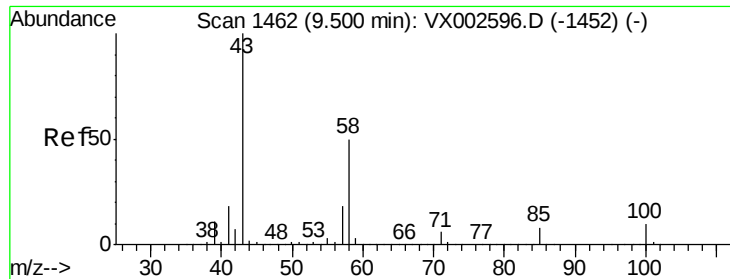
Tot Ion: 76 Resp: 22281
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 227.03 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002731.D
 Acq: 19 Jun 2018 23:24

Tgt Ion: 63 Resp: 453132
 Ion Ratio Lower Upper
 63 100
 106 28.5 21.8 32.8

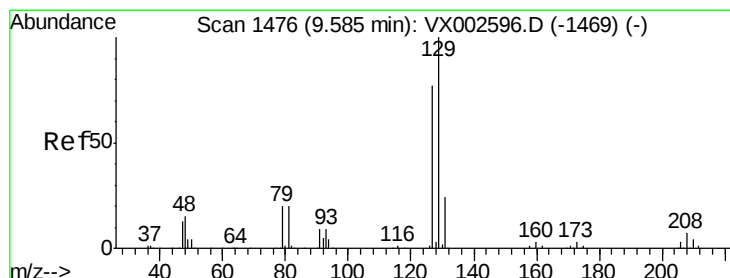
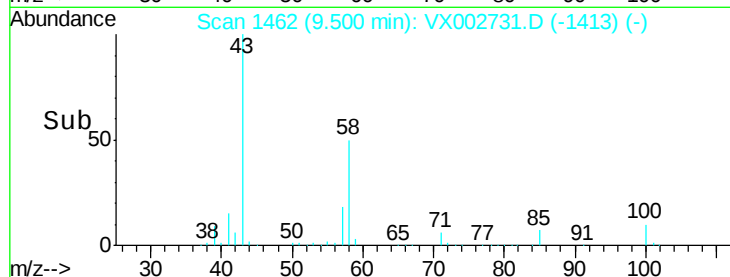
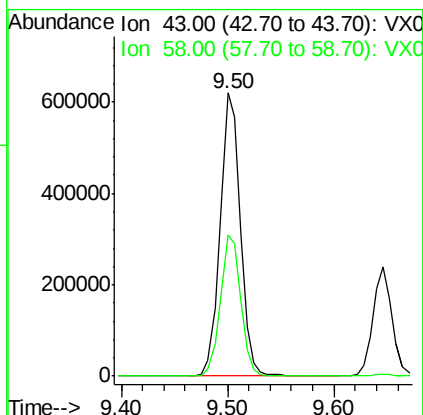
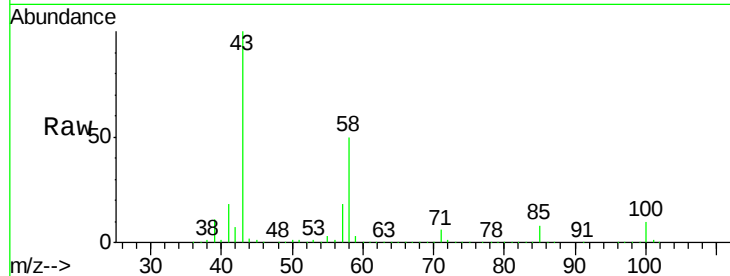




#59
2-Hexanone
Concen: 260.74 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002731.D
Acq: 19 Jun 2018 23:24

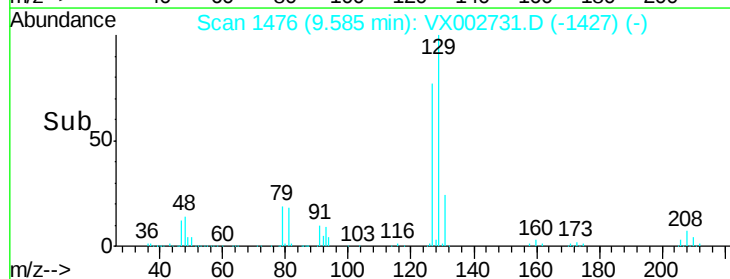
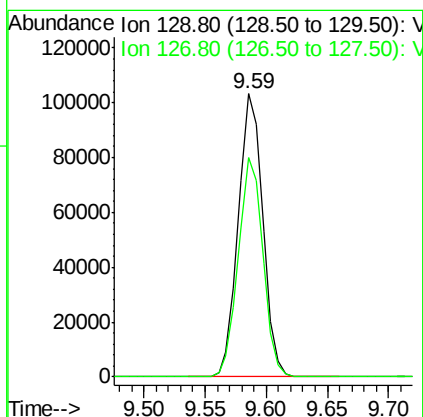
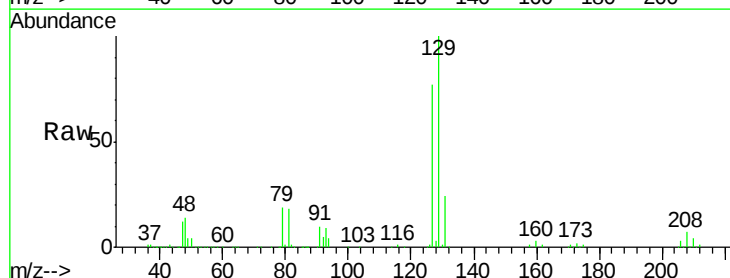
Instrument :
MSVOA_X
ClientSampleId :

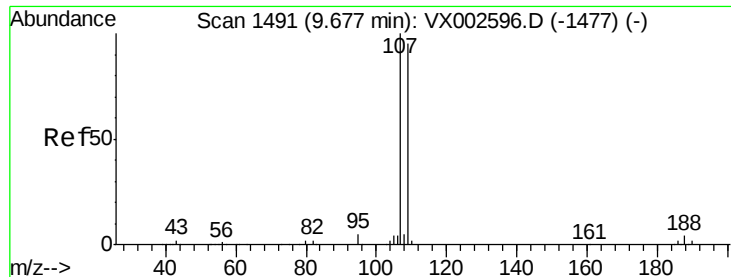
Tot Ion: 43 Resp: 820800
Ion Ratio Lower Upper
43 100
58 50.4 24.6 73.6



#60
Dibromochloromethane
Concen: 47.72 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002731.D
Acq: 19 Jun 2018 23:24

Tgt Ion: 129 Resp: 143369
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 52.10 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

Instrument :

MSVOA_X

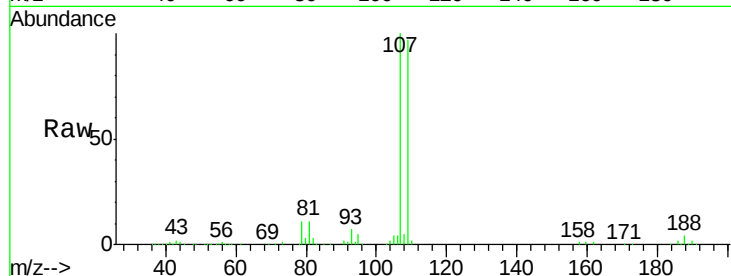
ClientSampleId :

Tot Ion:107 Resp: 144685

Ion Ratio Lower Upper

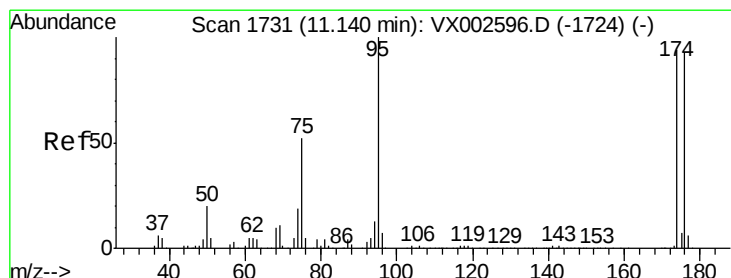
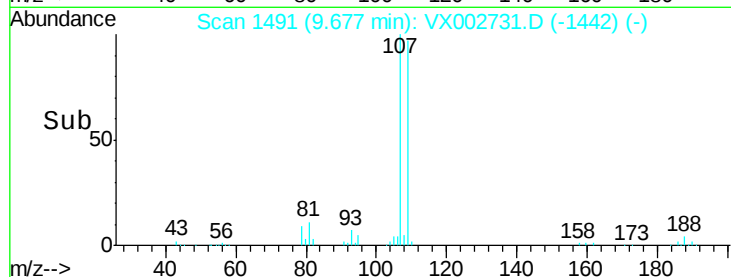
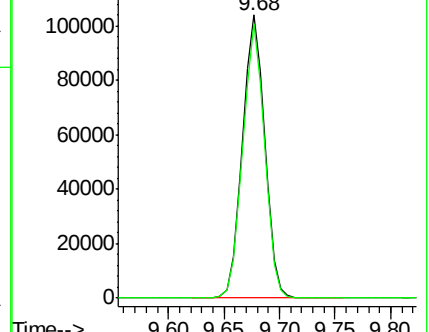
107 100

109 94.8 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: 46.09 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

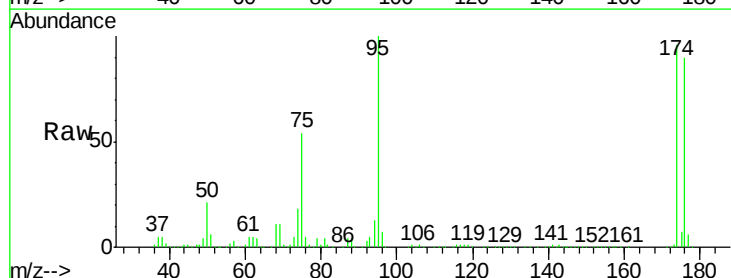
Tgt Ion: 95 Resp: 172904

Ion Ratio Lower Upper

95 100

174 97.9 0.0 187.4

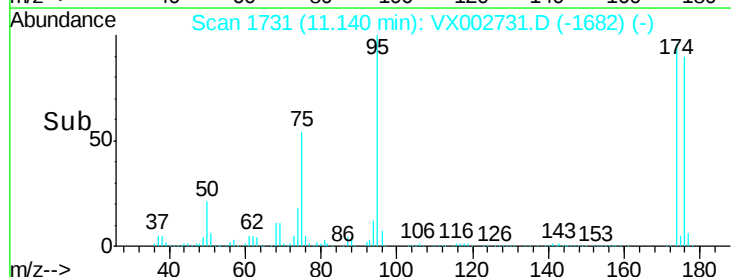
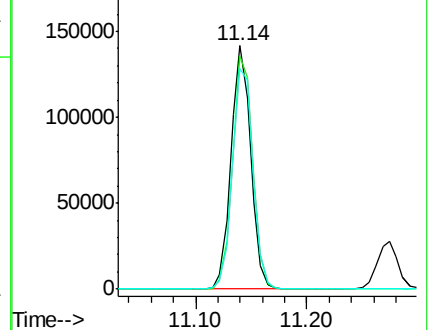
176 95.0 0.0 181.0

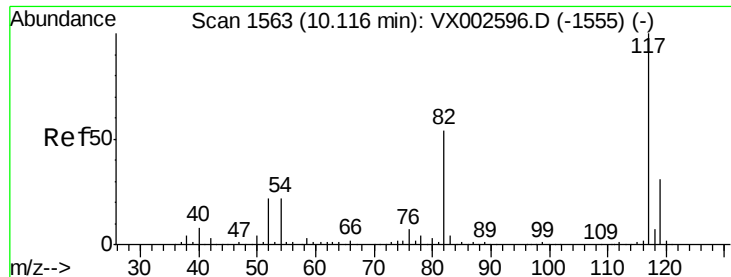


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

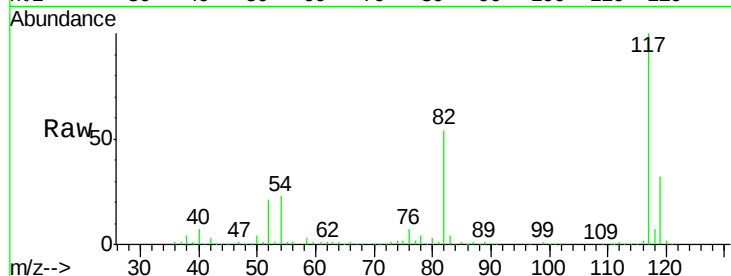
Tot Ion:117 Resp: 318336

Ion Ratio Lower Upper

117 100

82 53.7 45.0 67.4

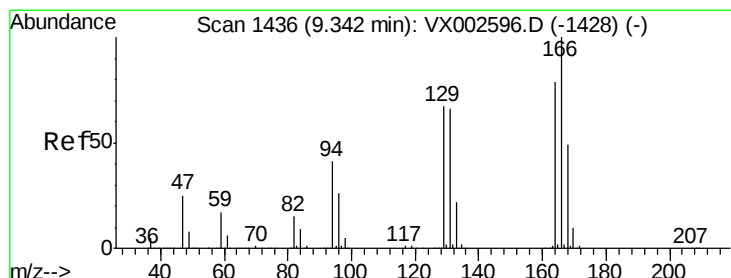
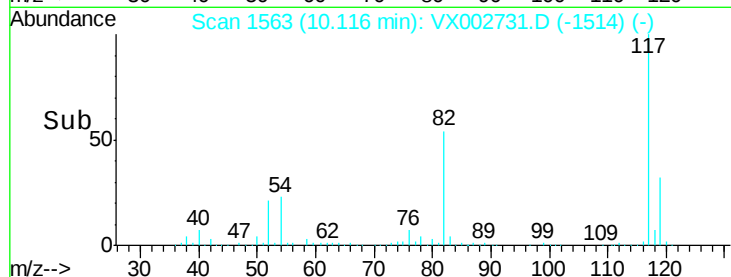
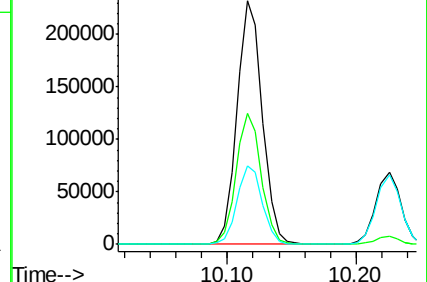
119 32.5 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 46.89 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.01 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

Tgt Ion:164 Resp: 165675

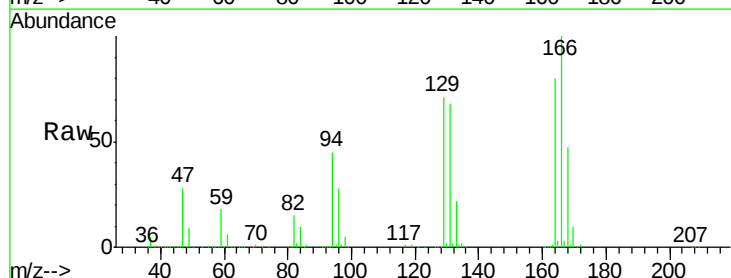
Ion Ratio Lower Upper

164 100

166 125.4 102.9 154.3

129 89.1 68.6 102.8

131 85.6 66.8 100.2

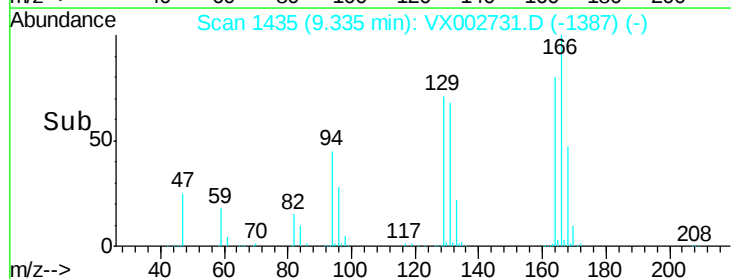
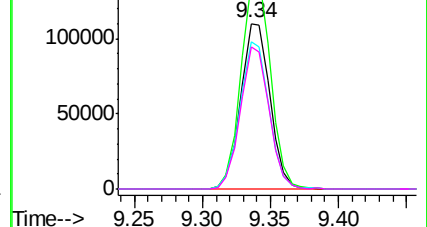


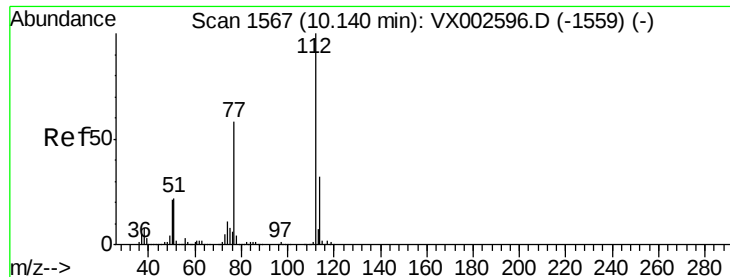
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 48.83 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

Instrument :

MSVOA_X

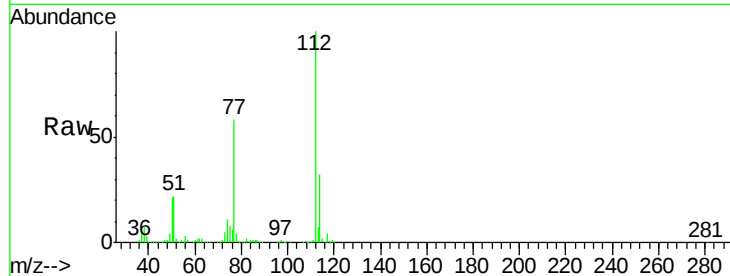
ClientSampleId :

Tot Ion:112 Resp: 381773

Ion Ratio Lower Upper

112 100

114 32.3 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

250000

200000

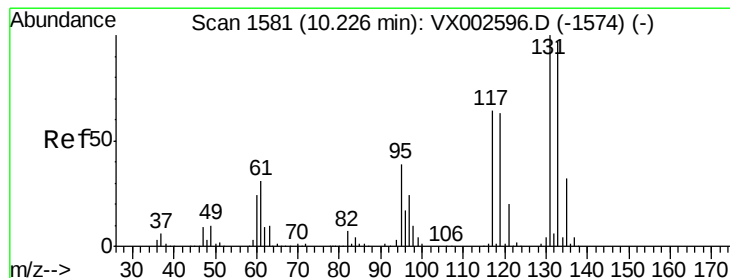
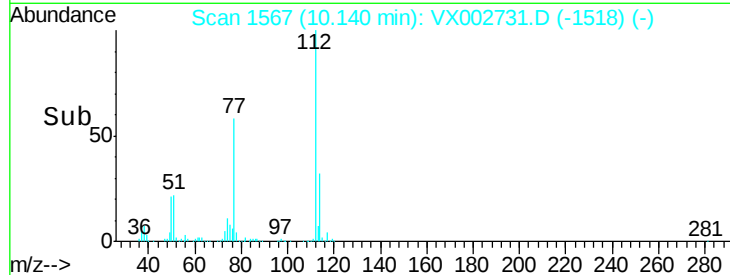
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 52.95 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

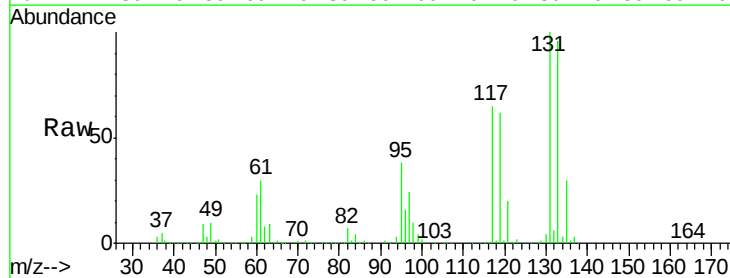
Tgt Ion:131 Resp: 141136

Ion Ratio Lower Upper

131 100

133 95.8 47.9 143.6

119 62.5 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

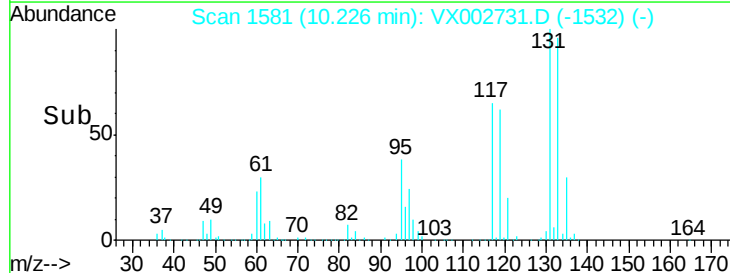
10.23

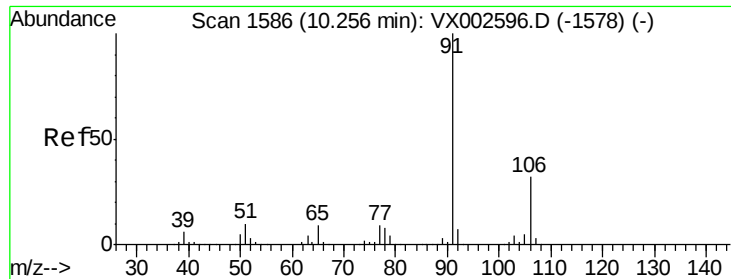
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 48.97 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

Instrument :

MSVOA_X

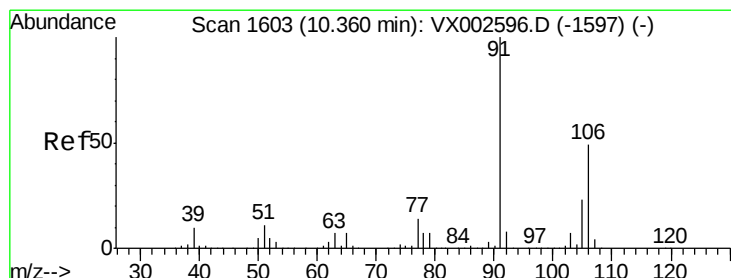
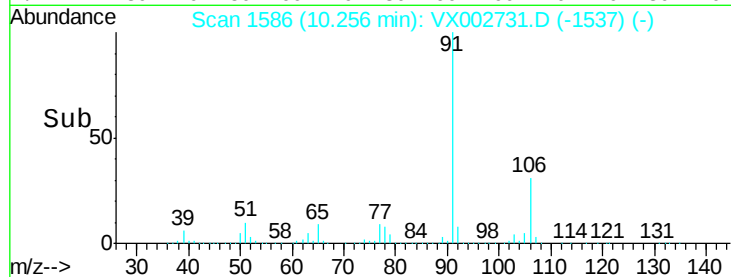
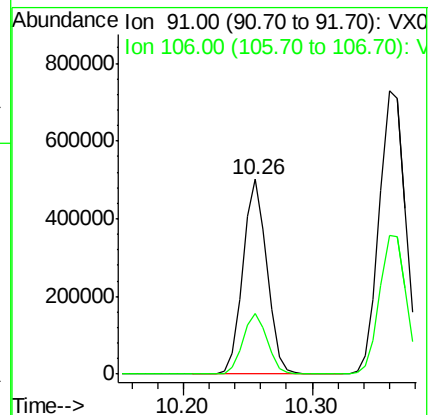
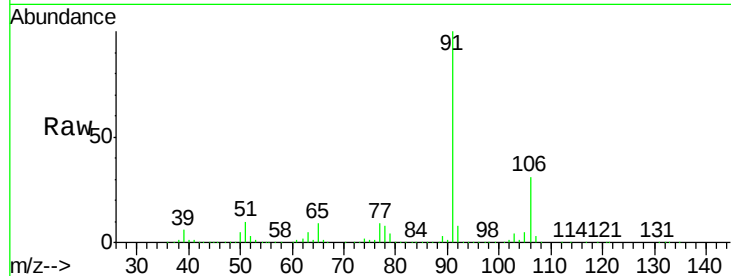
ClientSampleId :

Tot Ion: 91 Resp: 645792

Ion Ratio Lower Upper

91 100

106 31.5 25.5 38.3



#68

m/p-Xylenes

Concen: 99.93 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX002731.D

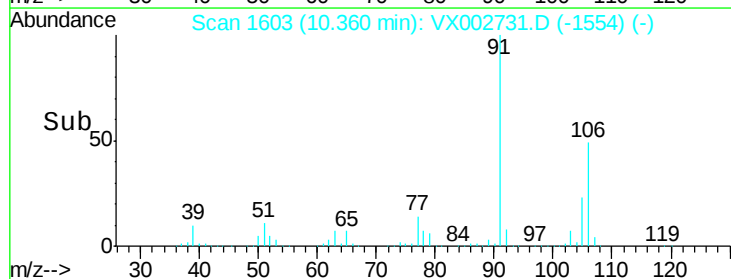
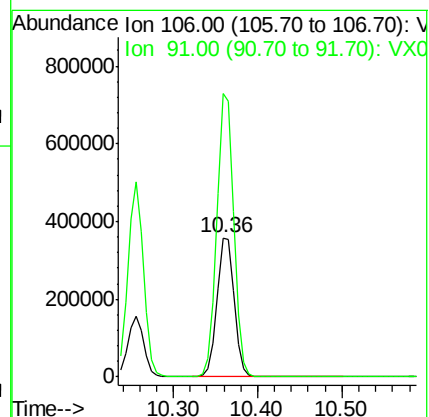
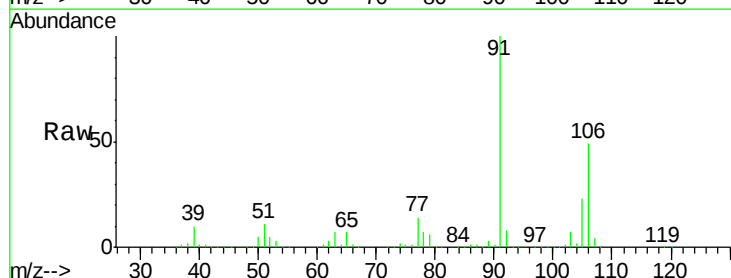
Acq: 19 Jun 2018 23:24

Tgt Ion: 106 Resp: 508288

Ion Ratio Lower Upper

106 100

91 201.9 163.4 245.2

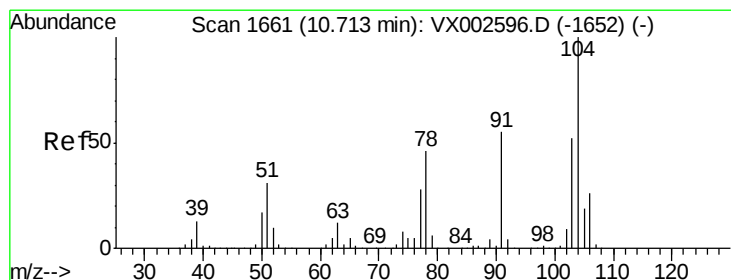
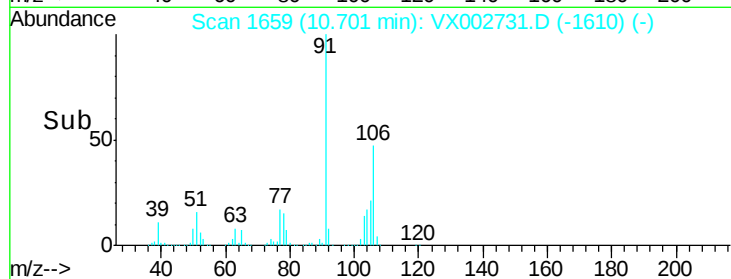
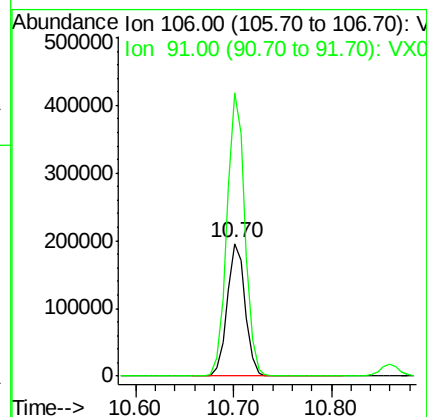
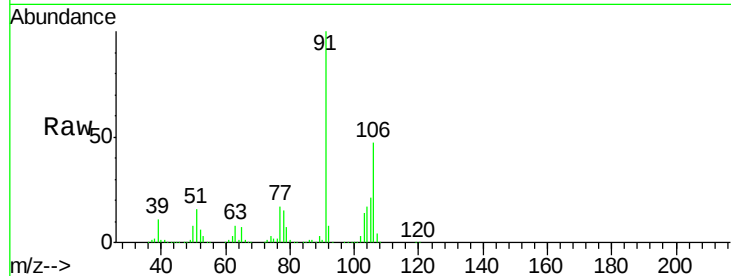




#69
o-Xylene
Concen: 49.71 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002731.D
Acq: 19 Jun 2018 23:24

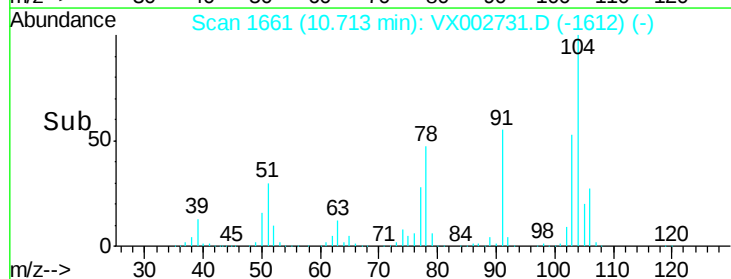
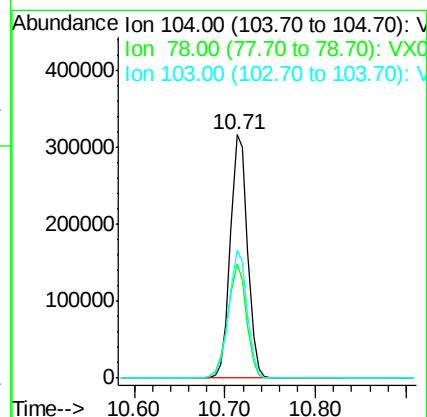
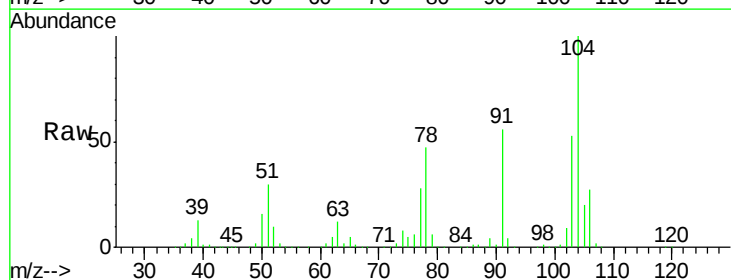
Instrument :
MSVOA_X
ClientSampleId :

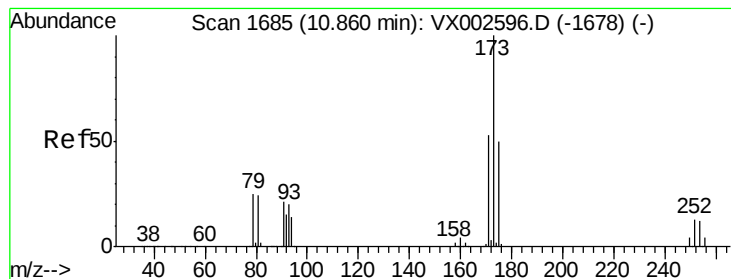
Tot Ion:106 Resp: 248417
Ion Ratio Lower Upper
106 100
91 212.6 108.2 324.6



#70
Styrene
Concen: 50.93 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002731.D
Acq: 19 Jun 2018 23:24

Tgt Ion:104 Resp: 418542
Ion Ratio Lower Upper
104 100
78 50.8 41.0 61.6
103 56.1 44.2 66.4





#71

Bromoform

Concen: 47.26 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

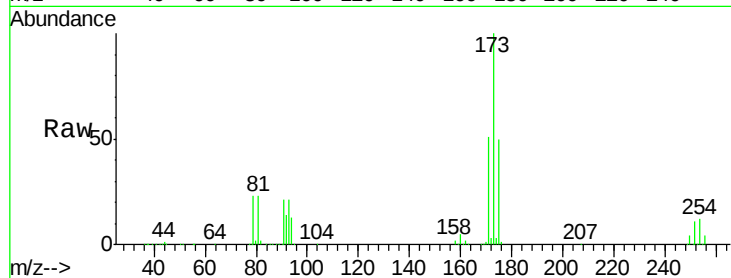
Tot Ion:173 Resp: 113972

Ion Ratio Lower Upper

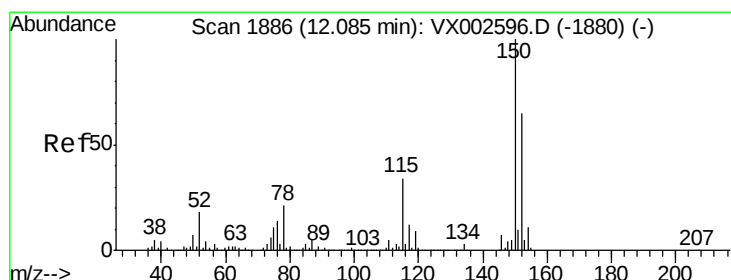
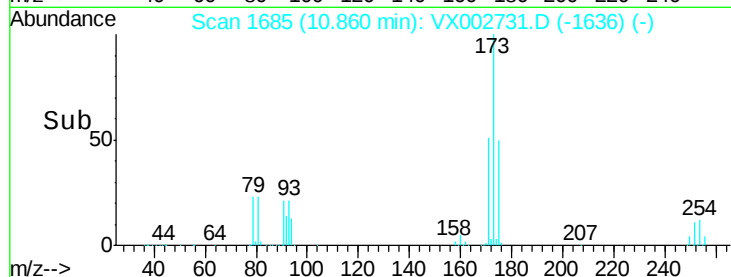
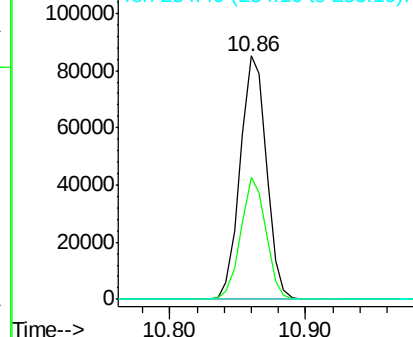
173 100

175 48.1 24.7 74.1

254 0.3 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: VX002731.D

Acq: 19 Jun 2018 23:24

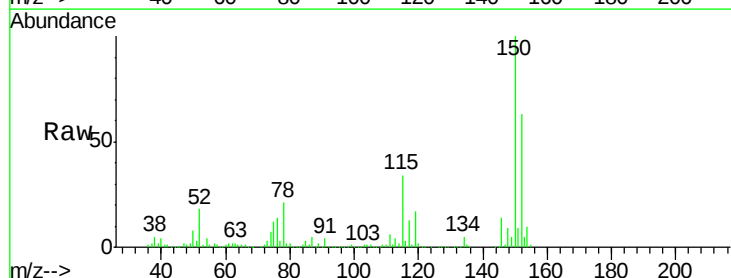
Tgt Ion:152 Resp: 205403

Ion Ratio Lower Upper

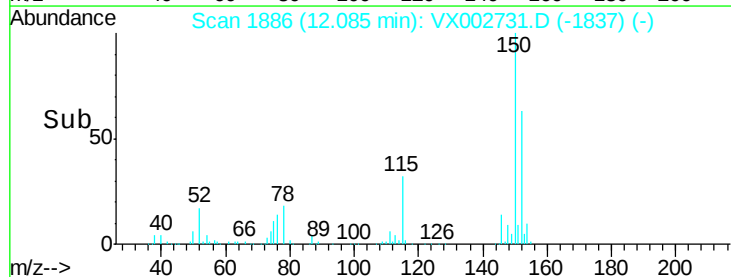
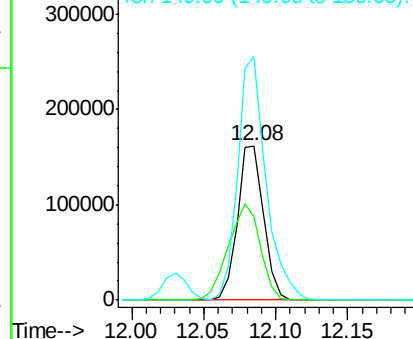
152 100

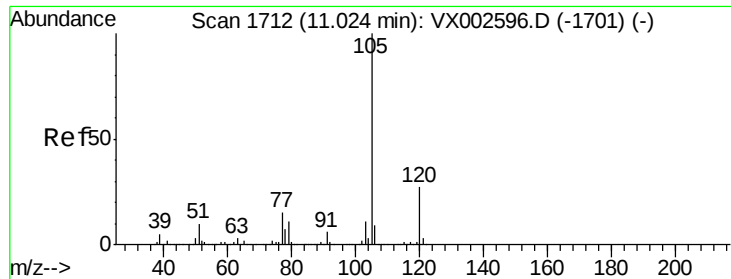
115 76.6 40.1 120.2

150 170.7 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: 48.49 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

Instrument :

MSVOA_X

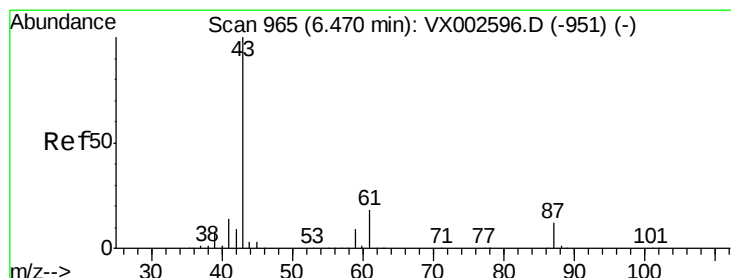
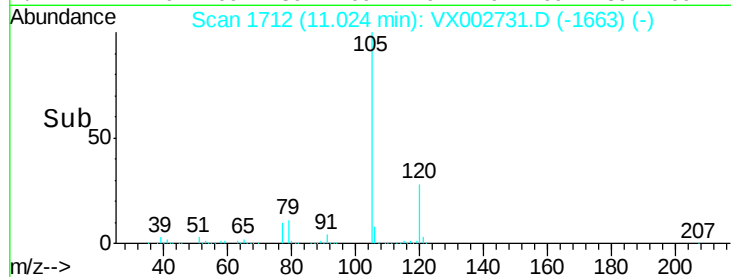
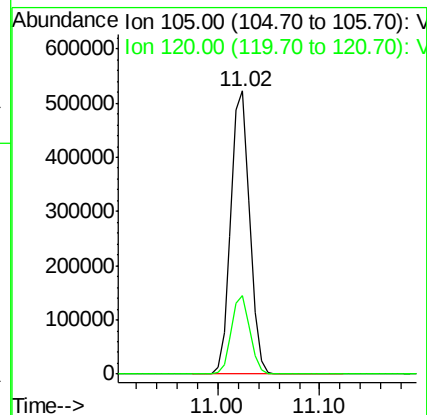
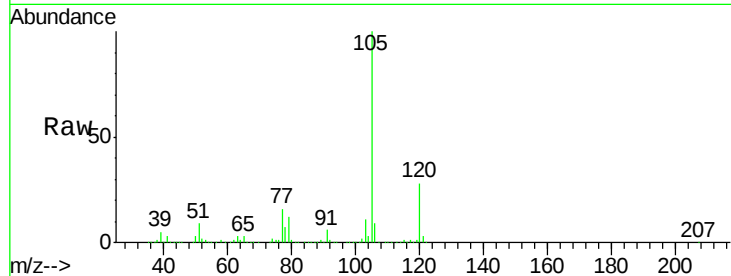
ClientSampleId :

Tot Ion:105 Resp: 666155

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.4



#74

N-ethyl acetate

Concen: 46.62 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

Tgt Ion: 43 Resp: 318172

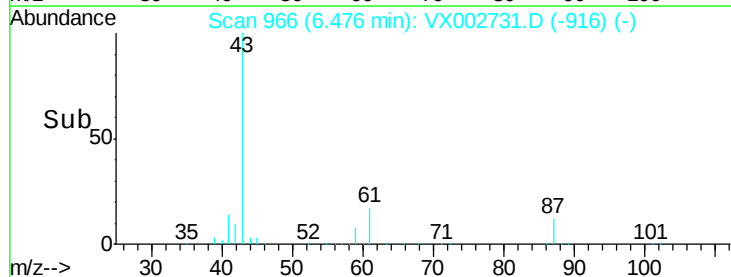
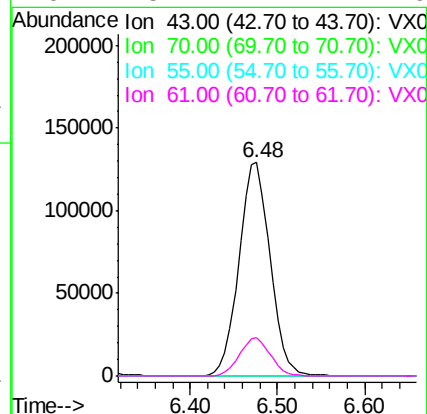
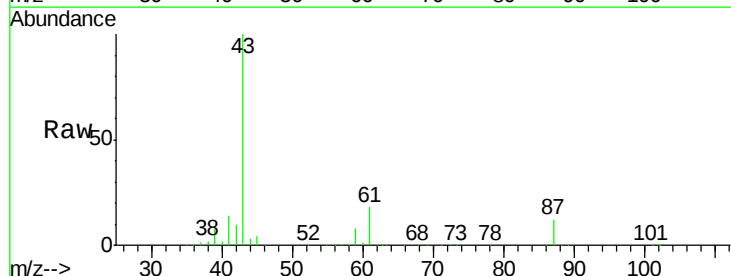
Ion Ratio Lower Upper

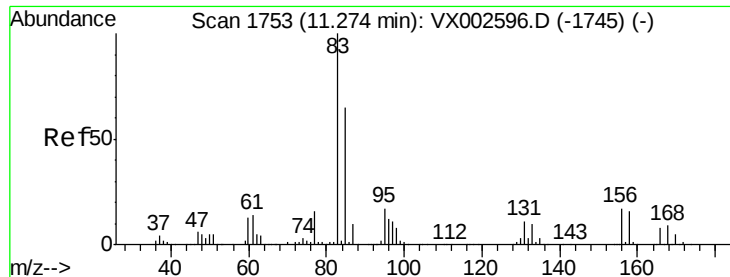
43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 18.1 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.11 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

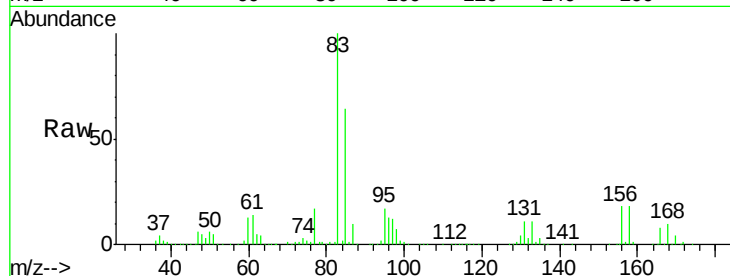
Tot Ion: 83 Resp: 207354

Ion Ratio Lower Upper

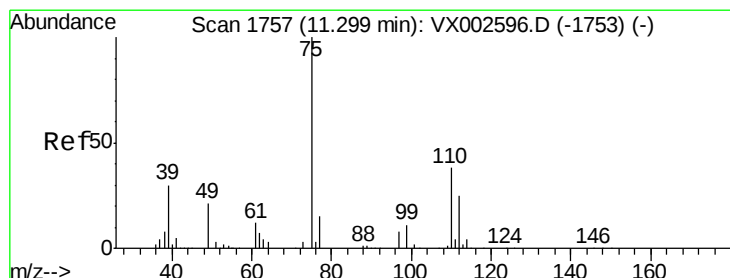
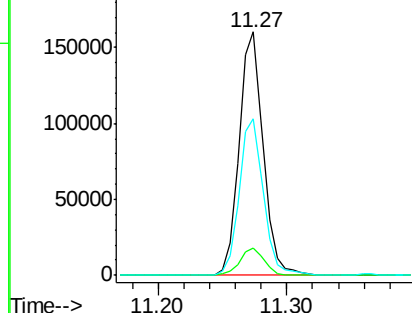
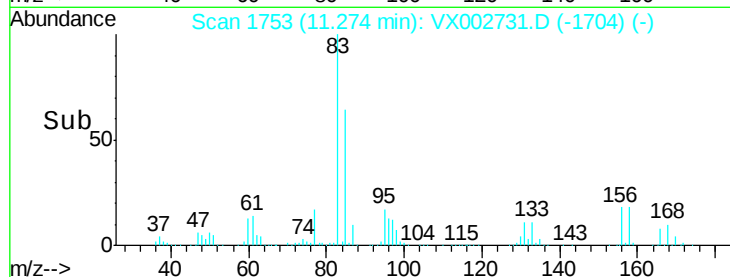
83 100

131 11.4 5.6 16.8

85 64.7 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 59.62 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002731.D

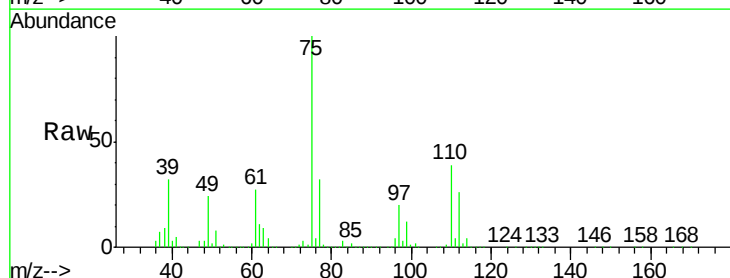
Acq: 19 Jun 2018 23:24

Tgt Ion: 75 Resp: 231094

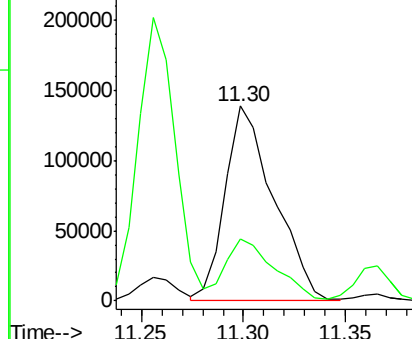
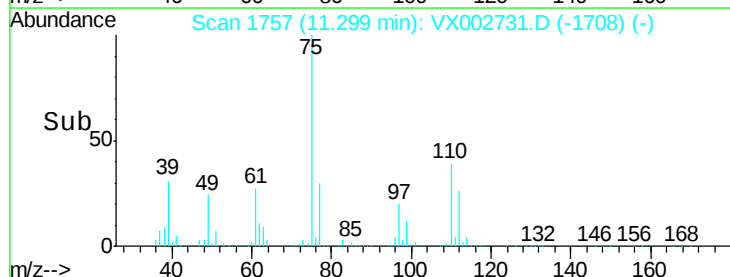
Ion Ratio Lower Upper

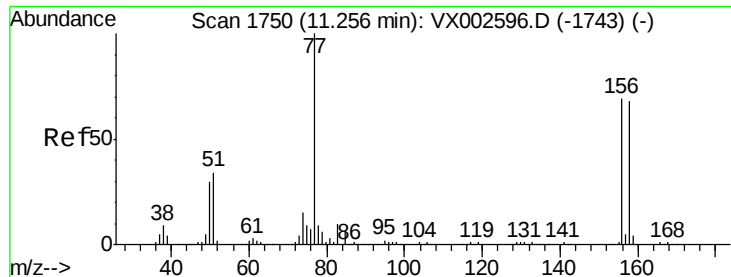
75 100

77 31.9 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.50 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

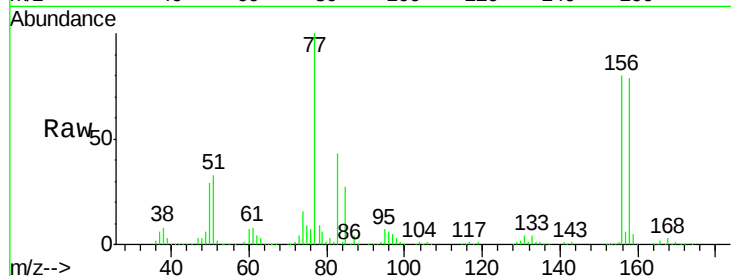
Tot Ion:156 Resp: 185603

Ion Ratio Lower Upper

156 100

77 137.6 71.4 214.2

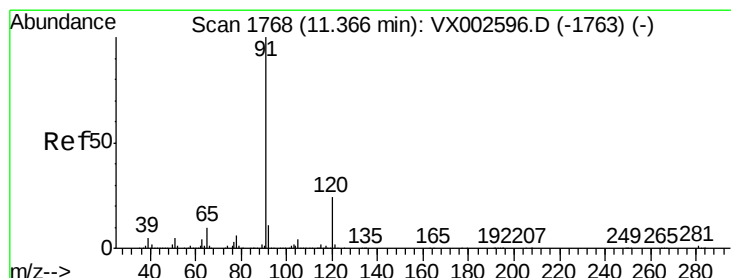
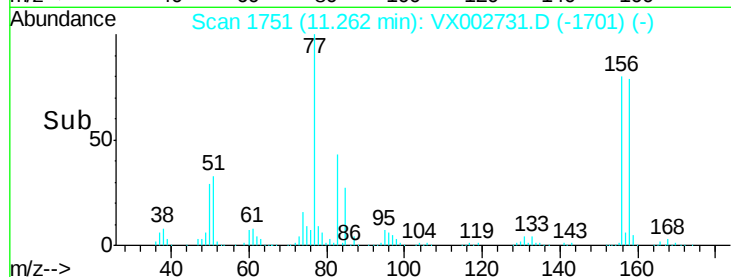
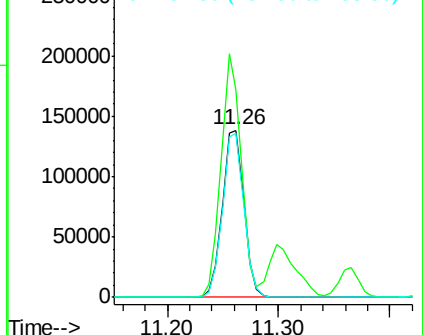
158 97.4 48.9 146.6



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: 47.83 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002731.D

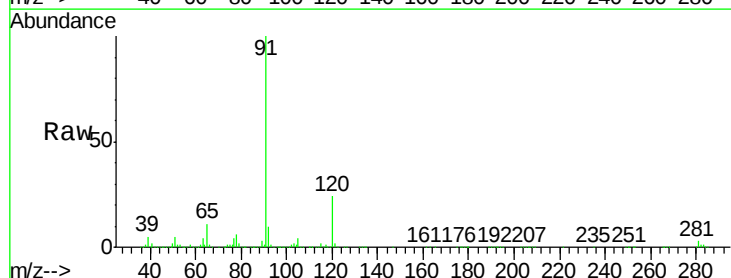
Acq: 19 Jun 2018 23:24

Tgt Ion: 91 Resp: 753567

Ion Ratio Lower Upper

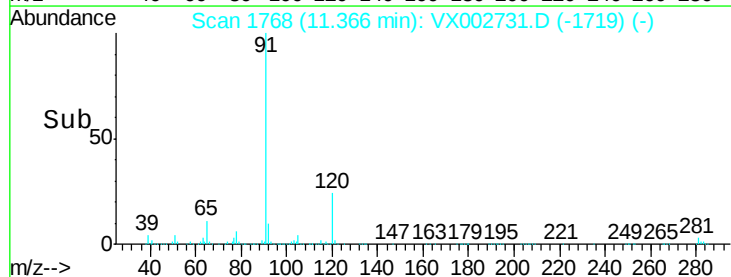
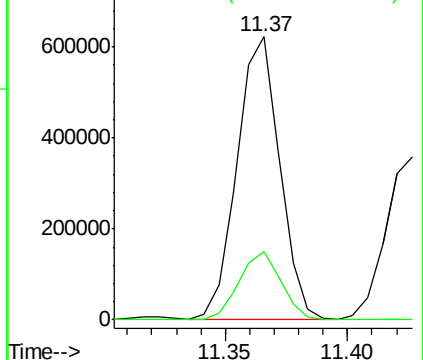
91 100

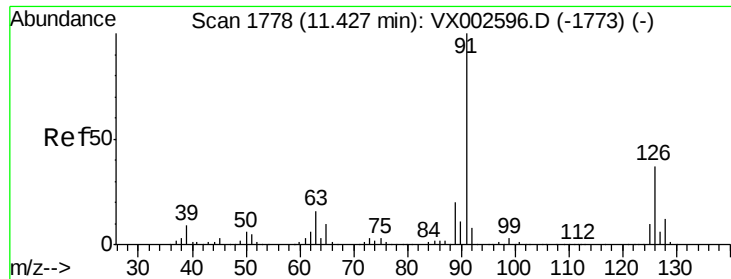
120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

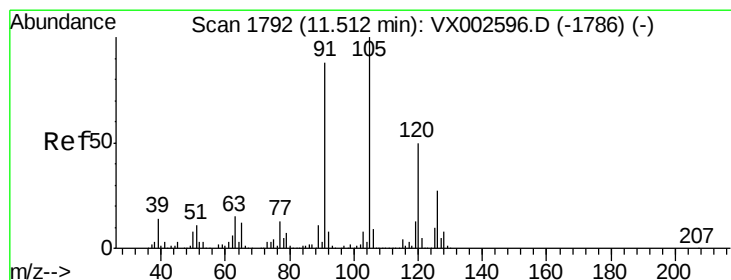
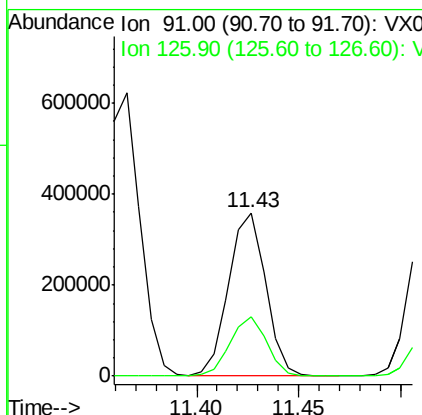
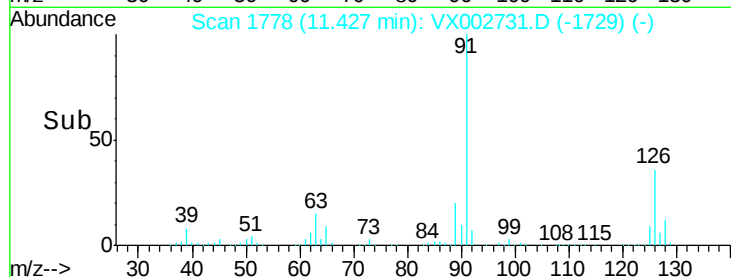
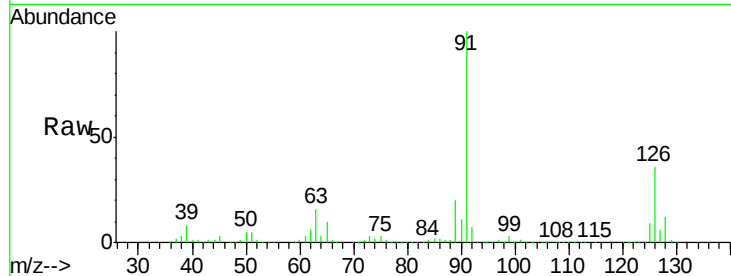




#79
 2-Chlorotoluene
 Concen: 47.93 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX002731.D
 Acq: 19 Jun 2018 23:24

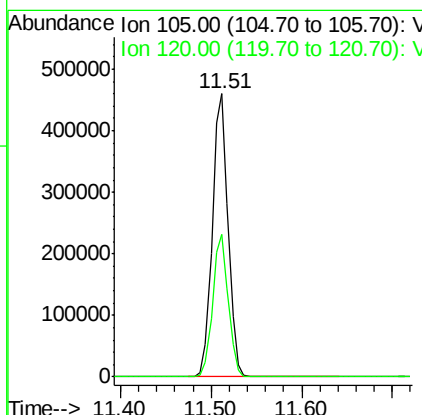
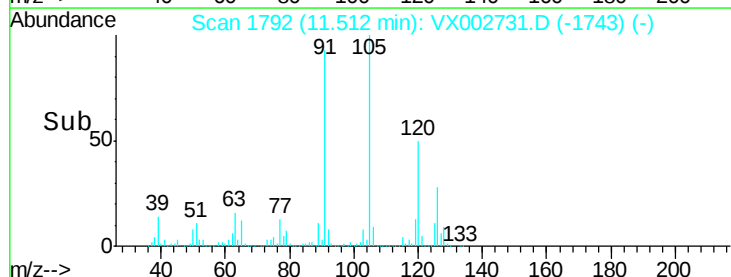
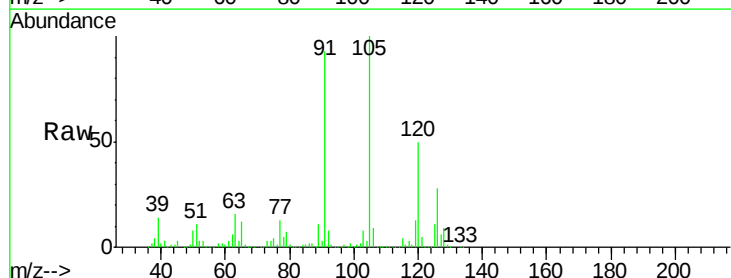
Instrument :
 MSVOA_X
 ClientSampleId :

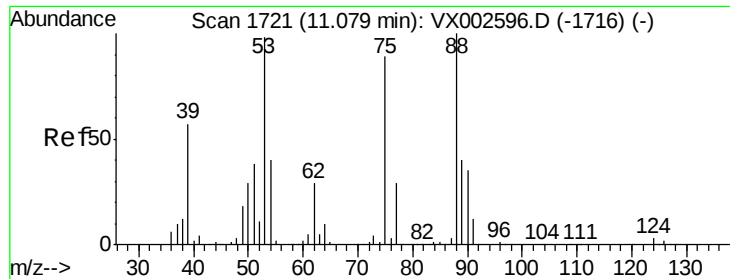
Tot Ion: 91 Resp: 450894
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 48.54 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX002731.D
 Acq: 19 Jun 2018 23:24

Tgt Ion:105 Resp: 563477
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 41.49 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

Instrument :

MSVOA_X

ClientSampled :

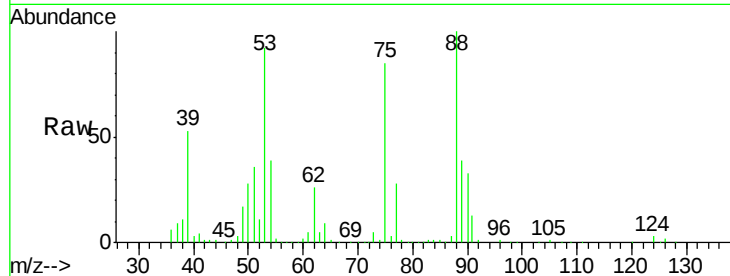
Tot Ion: 75 Resp: 49312

Ion Ratio Lower Upper

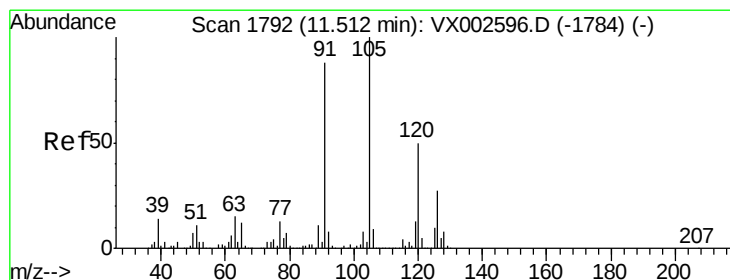
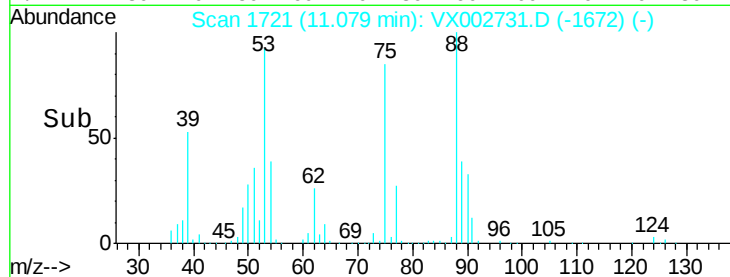
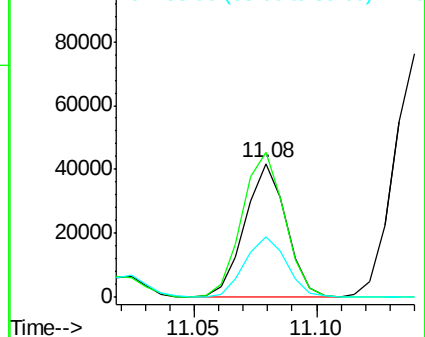
75 100

53 111.4 86.8 130.2

89 46.7 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: 48.71 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002731.D

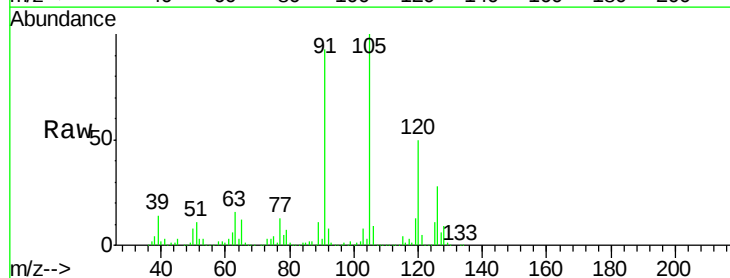
Acq: 19 Jun 2018 23:24

Tgt Ion: 91 Resp: 540675

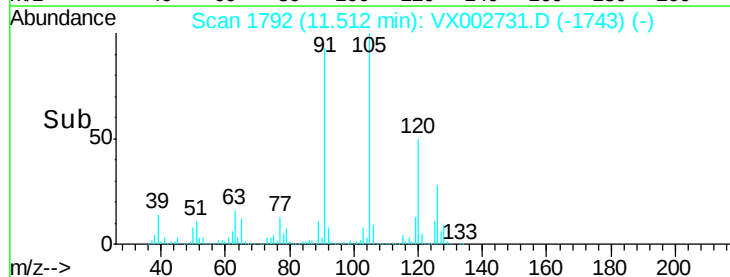
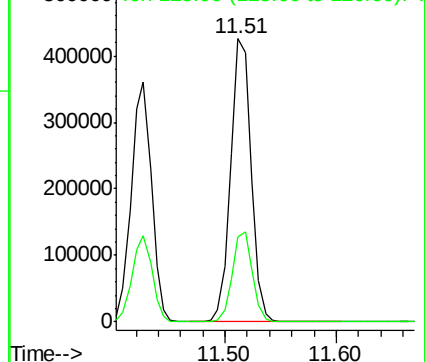
Ion Ratio Lower Upper

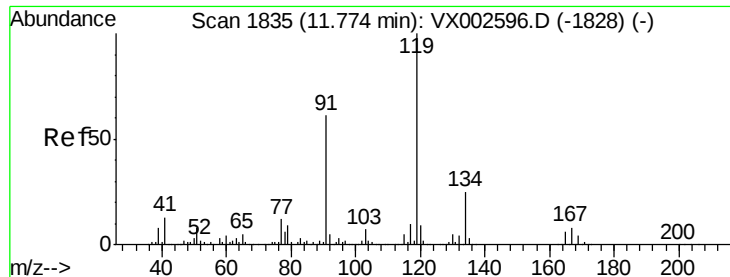
91 100

126 31.1 15.4 46.4



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

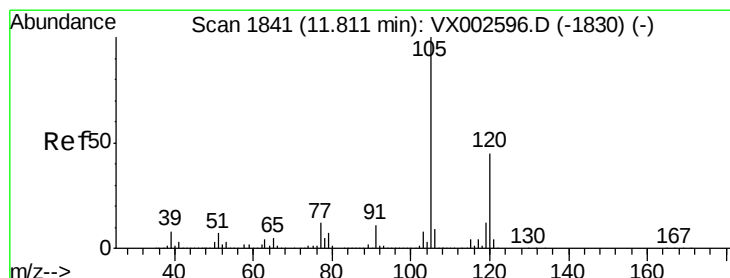
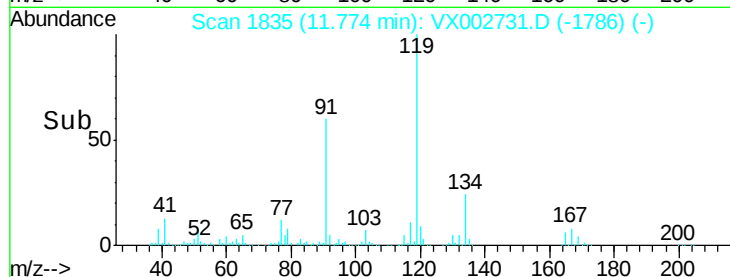
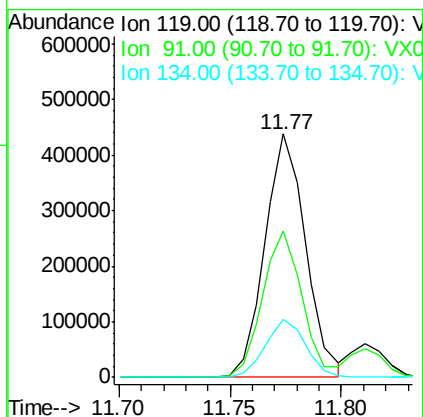
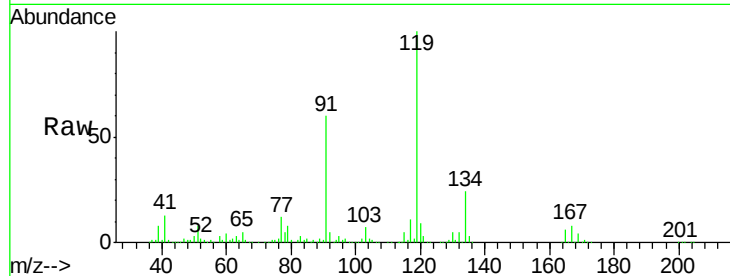




#83
tert-Butylbenzene
Concen: 49.68 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002731.D
Acq: 19 Jun 2018 23:24

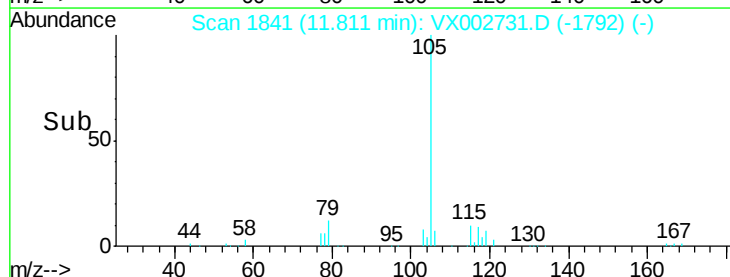
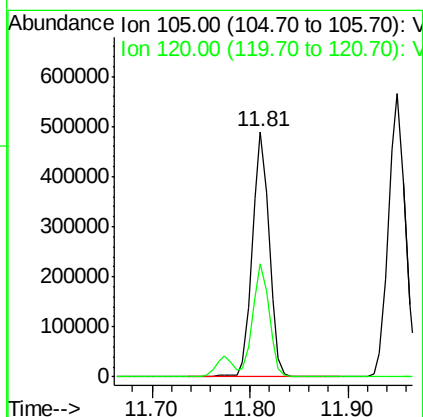
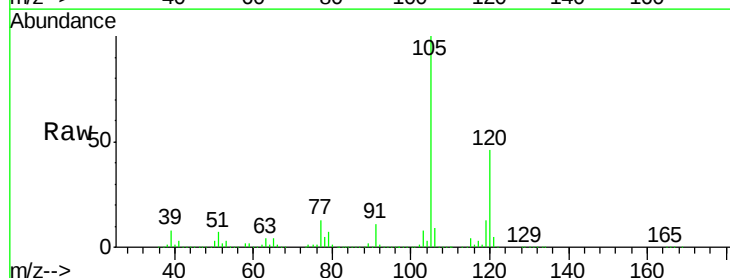
Instrument :
MSVOA_X
ClientSampled :

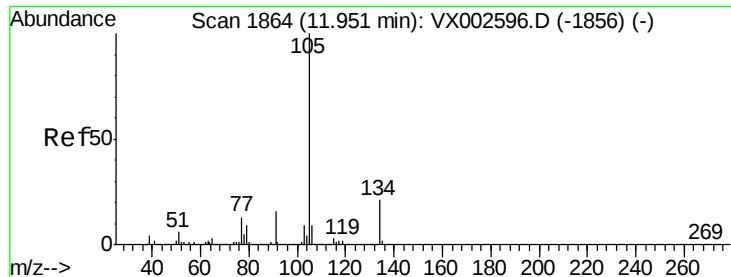
Tot Ion:119 Resp: 555604
Ion Ratio Lower Upper
119 100
91 58.6 30.3 90.9
134 23.5 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 49.41 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002731.D
Acq: 19 Jun 2018 23:24

Tgt Ion:105 Resp: 585319
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.8





#85

sec-Butylbenzene

Concen: 48.36 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

Instrument :

MSVOA_X

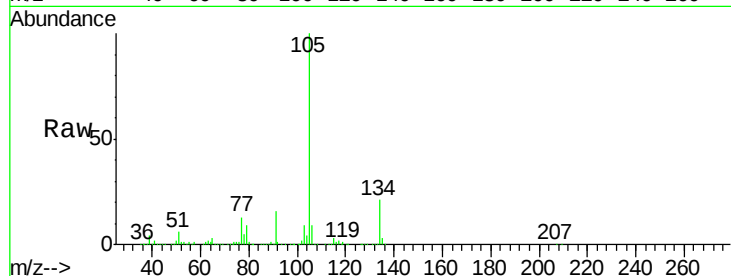
ClientSampleId :

Tot Ion:105 Resp: 672556

Ion Ratio Lower Upper

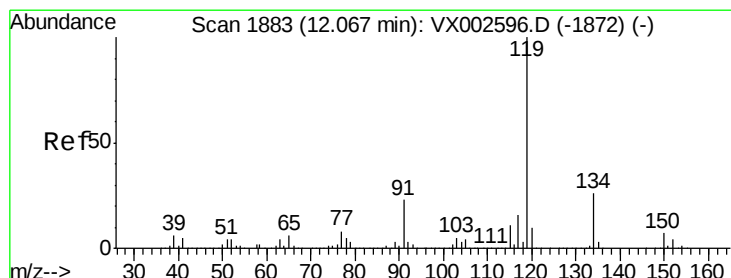
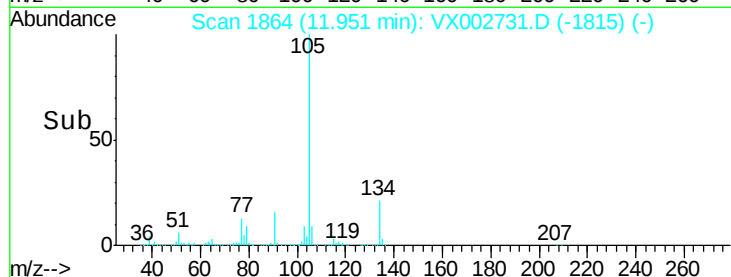
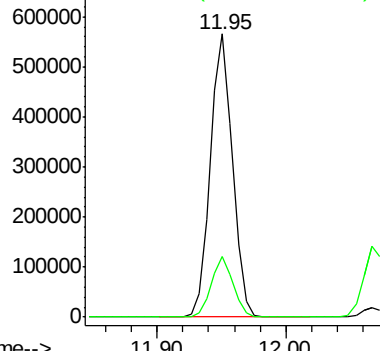
105 100

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: 48.54 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

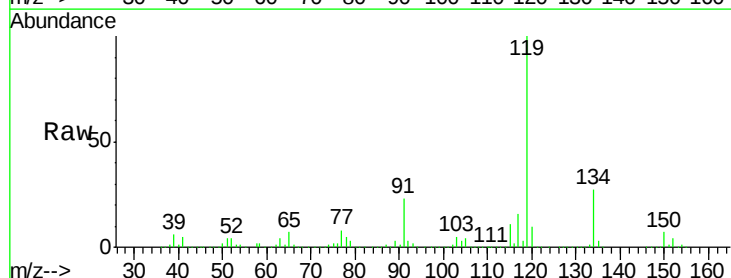
Tgt Ion:119 Resp: 610784

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

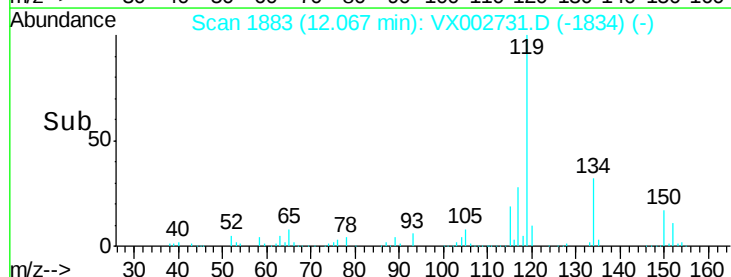
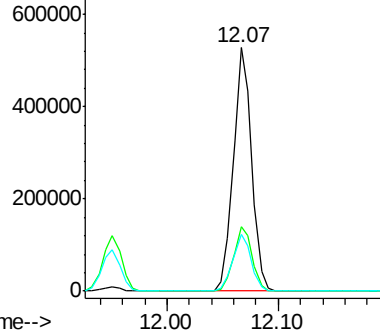
91 23.6 11.9 35.7

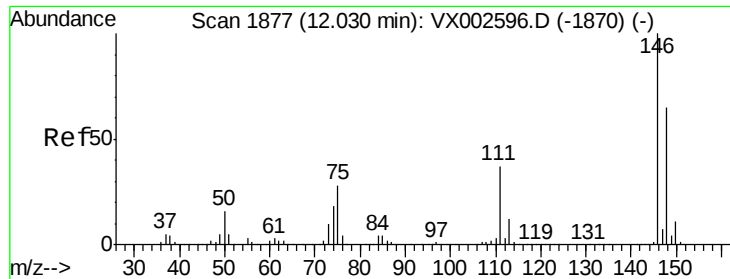


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

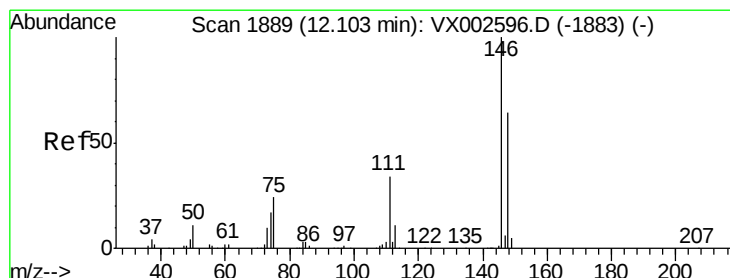
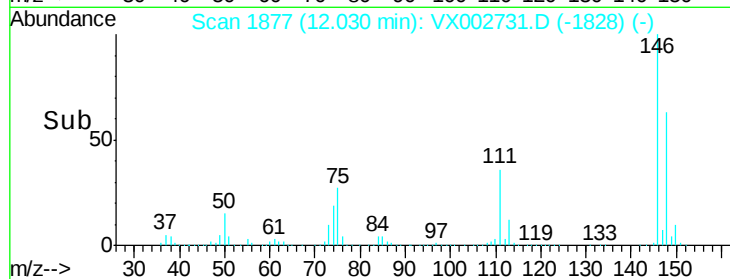
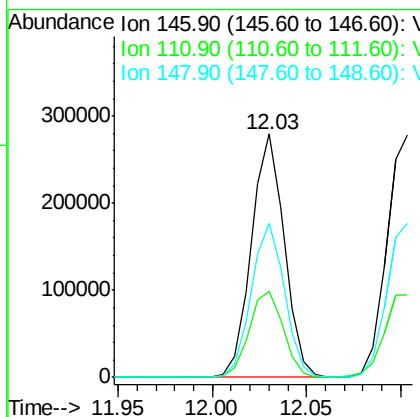
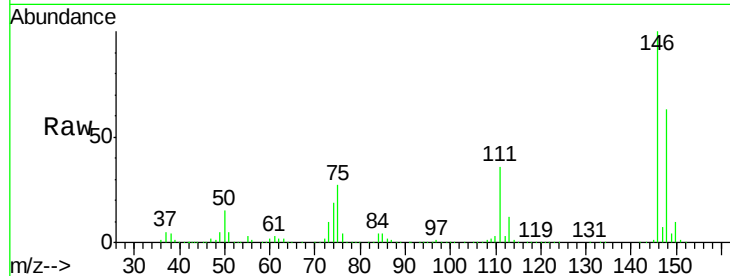




#87
 1,3-Dichlorobenzene
 Concen: 48.16 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002731.D
 Acq: 19 Jun 2018 23:24

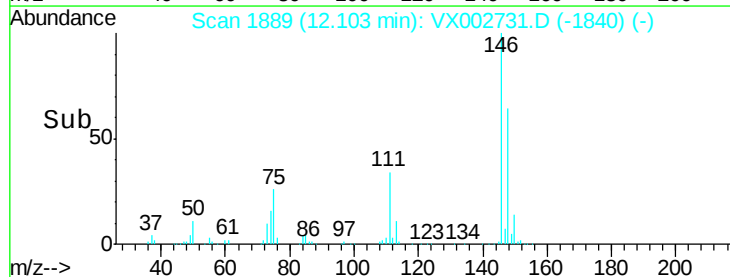
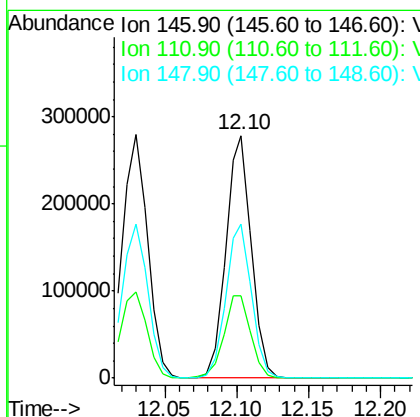
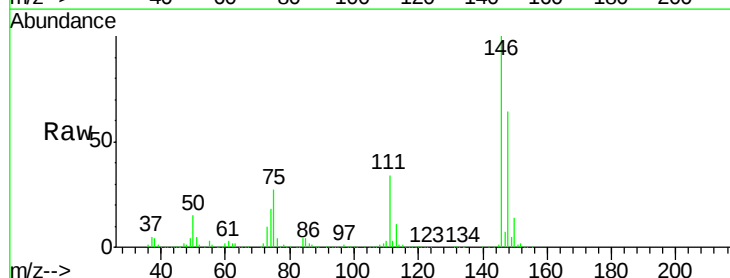
Instrument :
 MSVOA_X
 ClientSampleId :

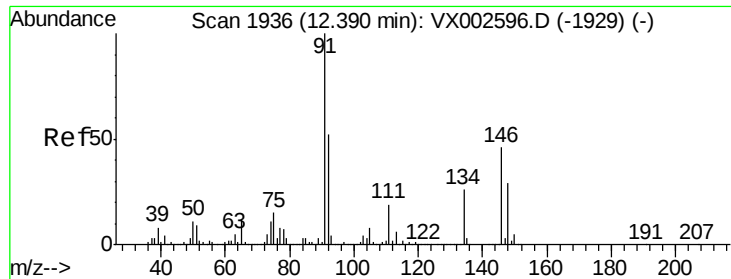
Tot Ion:146 Resp: 338016
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.9 56.7
 148 64.2 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 48.20 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002731.D
 Acq: 19 Jun 2018 23:24

Tgt Ion:146 Resp: 344208
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.7 56.1
 148 64.3 32.4 97.0





#89

n-Butylbenzene

Concen: 46.98 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002731.D

Acq: 19 Jun 2018 23:24

Instrument :

MSVOA_X

ClientSampled :

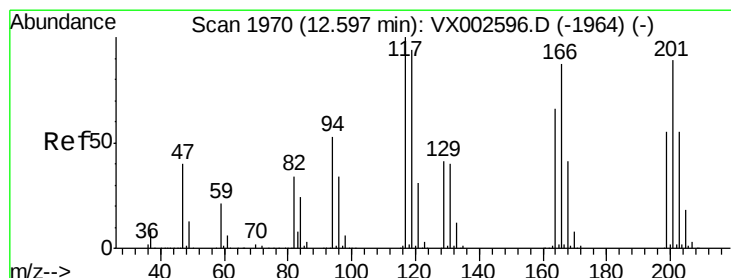
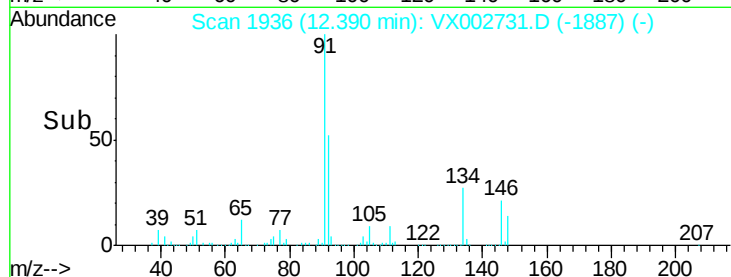
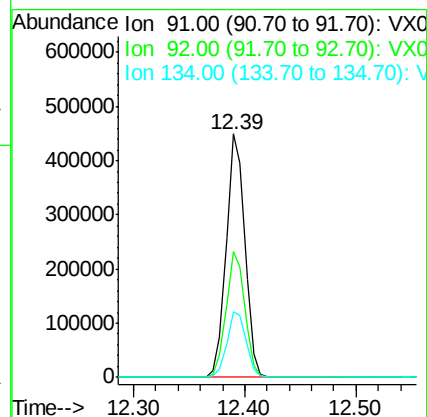
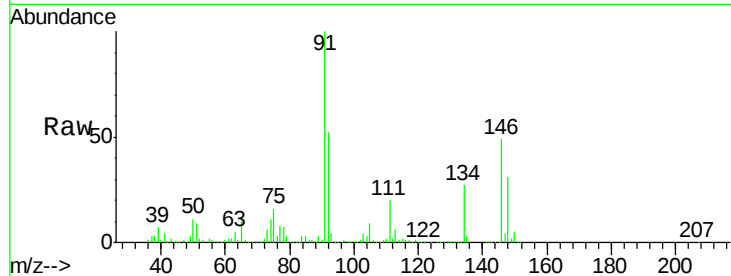
Tot Ion: 91 Resp: 521501

Ion Ratio Lower Upper

91 100

92 51.6 26.0 78.0

134 27.6 13.5 40.5



#90

Hexachloroethane

Concen: 45.26 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VX002731.D

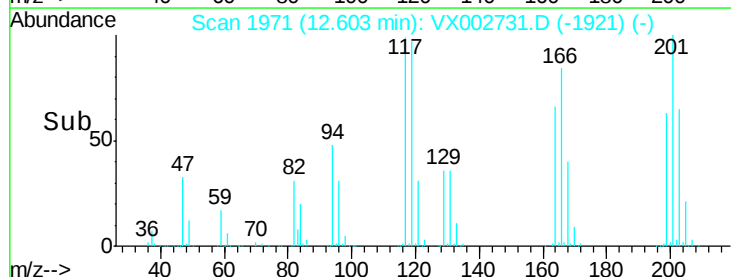
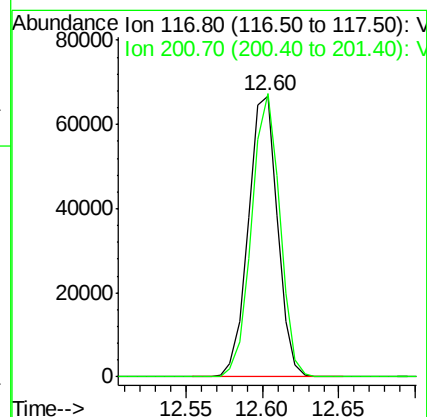
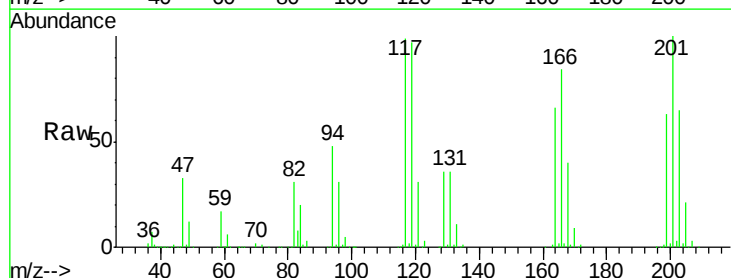
Acq: 19 Jun 2018 23:24

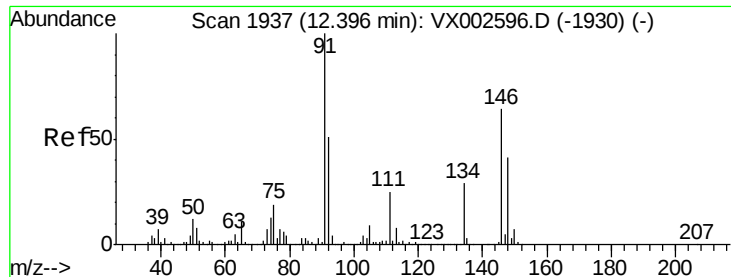
Tgt Ion: 117 Resp: 88250

Ion Ratio Lower Upper

117 100

201 97.4 49.0 147.0

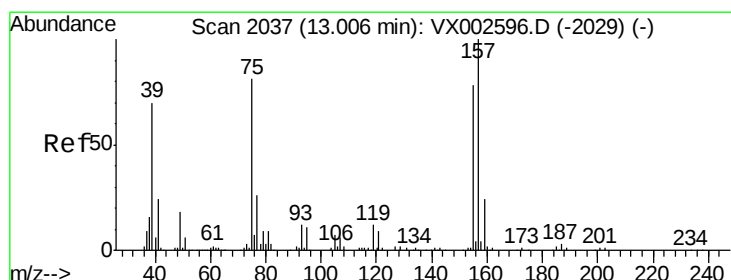
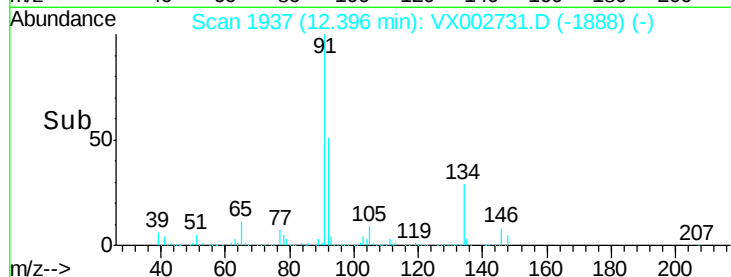
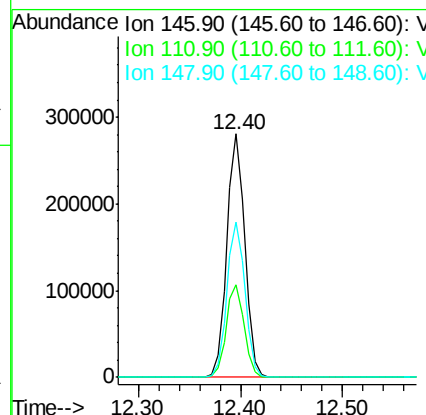
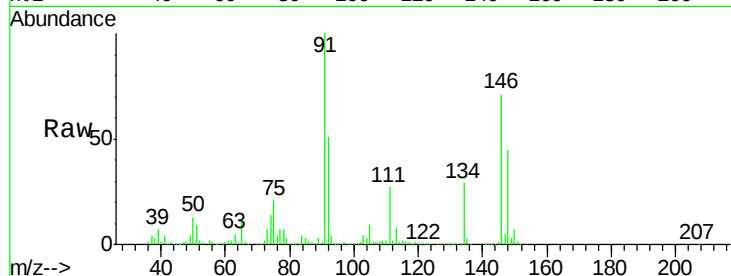




#91
1,2-Dichlorobenzene
Concen: 48.82 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX002731.D
Acq: 19 Jun 2018 23:24

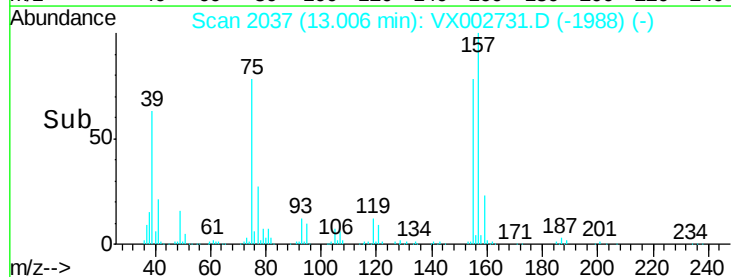
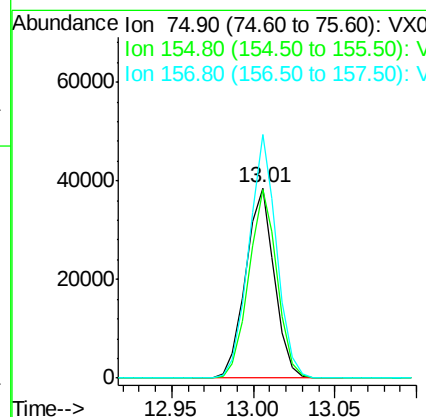
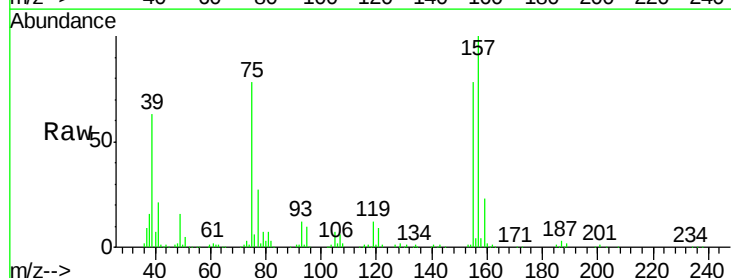
Instrument :
MSVOA_X
ClientSampleId :

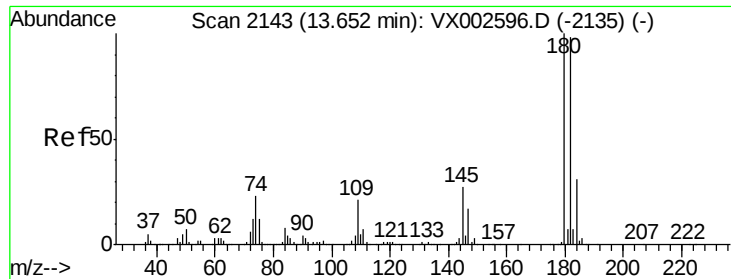
Tot Ion:146 Resp: 344893
Ion Ratio Lower Upper
146 100
111 38.1 19.4 58.1
148 64.3 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.44 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. 0.00 min
Lab File: VX002731.D
Acq: 19 Jun 2018 23:24

Tgt Ion: 75 Resp: 47108
Ion Ratio Lower Upper
75 100
155 97.9 45.8 137.4
157 124.0 60.1 180.3

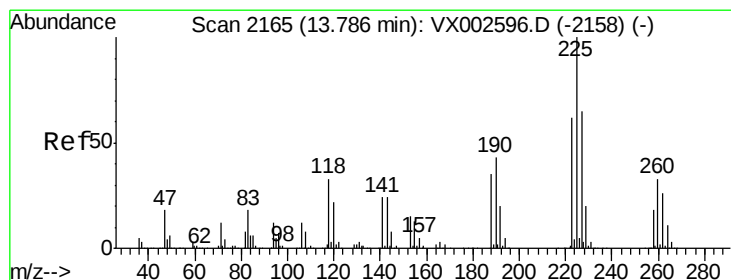
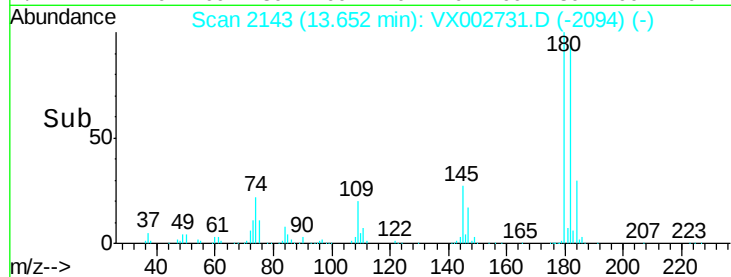
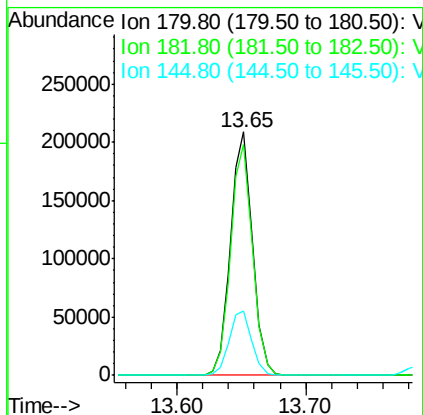
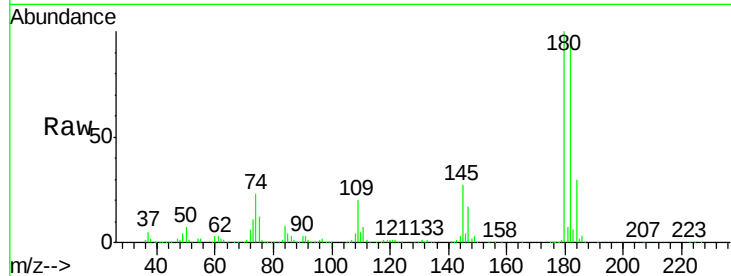




#93
 1,2,4-Trichlorobenzene
 Concen: 48.68 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002731.D
 Acq: 19 Jun 2018 23:24

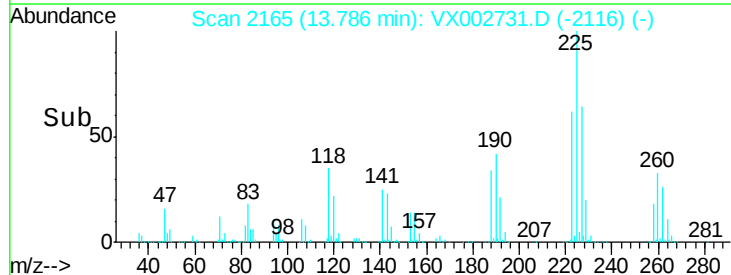
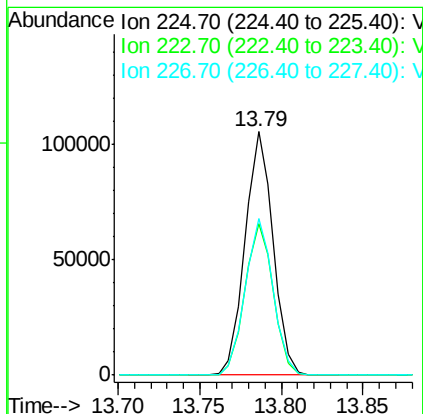
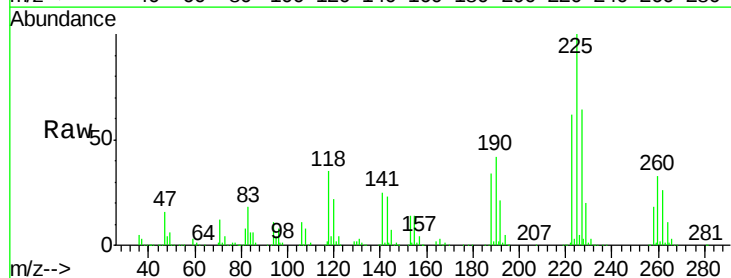
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 249588
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.7 143.1
 145 27.3 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 46.89 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002731.D
 Acq: 19 Jun 2018 23:24

Tgt Ion:225 Resp: 126640
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.6 95.0
 227 63.9 32.4 97.2

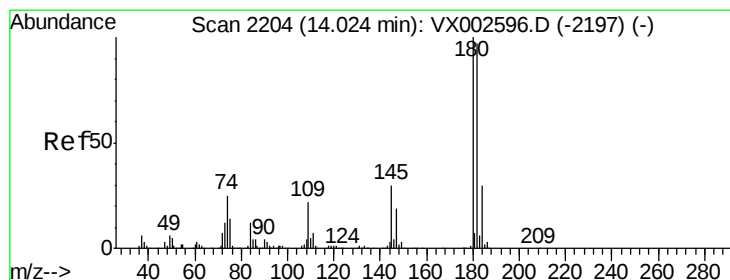
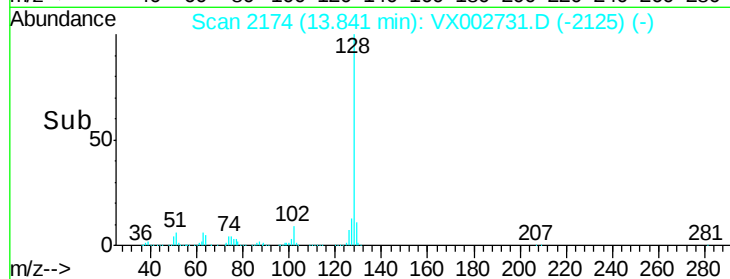
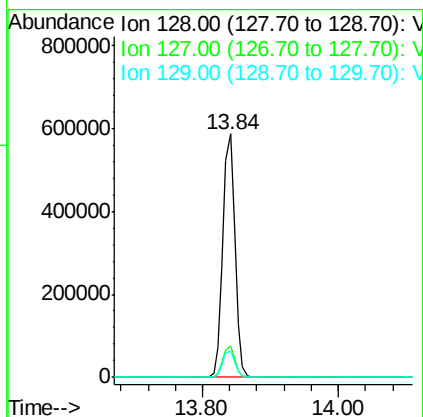
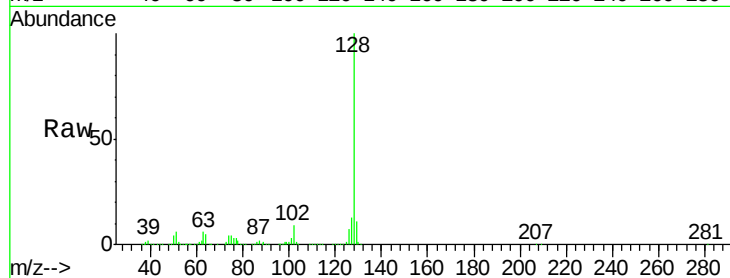




#95
Naphthalene
Concen: 52.55 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002731.D
Acq: 19 Jun 2018 23:24

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 724988
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.18 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX002731.D
Acq: 19 Jun 2018 23:24

Tgt Ion:180 Resp: 253258
Ion Ratio Lower Upper
180 100
182 96.5 48.0 144.0
145 29.7 14.8 44.3

