

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000631.D
 Acq On : 01 Apr 2018 08:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 02 05:32:25 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	148014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	254132	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	290254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	177159	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	104094	53.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.76%	
35) Dibromofluoromethane	5.51	113	80155	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
50) Toluene-d8	8.73	98	357989	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	
62) 4-Bromofluorobenzene	11.15	95	142812	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	63848	39.140	ug/l 95
3) Chloromethane	1.32	50	57597	33.515	ug/l 97
4) Vinyl Chloride	1.40	62	91153	50.199	ug/l 99
5) Bromomethane	1.64	94	108568	49.940	ug/l 99
6) Chloroethane	1.72	64	65586	59.348	ug/l 99
7) Trichlorofluoromethane	1.93	101	176743	53.927	ug/l 100
8) Diethyl Ether	2.19	74	63976	54.621	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	98299	53.787	ug/l 99
10) Methyl Iodide	2.51	142	34240	21.568	ug/l 98
11) Tert butyl alcohol	3.09	59	180260	271.231	ug/l 100
12) 1,1-Dichloroethene	2.37	96	91864	57.260	ug/l 98
13) Acrolein	2.30	56	90805	417.547	ug/l 96
14) Allyl chloride	2.73	41	148314	52.347	ug/l 98
15) Acrylonitrile	3.16	53	354603	263.438	ug/l 100
16) Acetone	2.45	43	325071	202.250	ug/l 100
17) Carbon Disulfide	2.57	76	228072	53.440	ug/l 98
18) Methyl Acetate	2.79	43	179921	53.395	ug/l 100
19) Methyl tert-butyl Ether	3.21	73	331512	55.871	ug/l 99
20) Methylene Chloride	2.86	84	101111	54.465	ug/l 98
21) trans-1,2-Dichloroethene	3.17	96	100821	56.336	ug/l 98
22) Diisopropyl ether	3.89	45	226597	45.182	ug/l 93
23) Vinyl Acetate	3.84	43	999328	210.189	ug/l 100
24) 1,1-Dichloroethane	3.70	63	114320	36.255	ug/l 98
25) 2-Butanone	4.72	43	392687	217.363	ug/l 98
26) 2,2-Dichloropropane	4.60	77	65436	29.608	ug/l 93
27) cis-1,2-Dichloroethene	4.60	96	78375	46.858	ug/l 94
28) Bromochloromethane	5.03	49	68455	52.647	ug/l 100
29) Tetrahydrofuran	5.18	42	266555	239.808	ug/l 99
30) Chloroform	5.23	83	152399	51.571	ug/l 100
31) Cyclohexane	5.59	56	119024	48.828	ug/l 99
32) 1,1,1-Trichloroethane	5.51	97	133282	49.995	ug/l 100
36) 1,1-Dichloropropene	5.81	75	110794	46.543	ug/l 99
37) Ethyl Acetate	4.87	43	143992	44.283	ug/l 100
38) Carbon Tetrachloride	5.79	117	114996	46.047	ug/l 94

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	131514	45.427	ug/l	99
40) Benzene	6.15	78	331903	48.012	ug/l	99
41) Methacrylonitrile	5.07	41	75948	44.303	ug/l	98
42) 1,2-Dichloroethane	6.21	62	127391	46.967	ug/l	100
43) Isopropyl Acetate	6.48	43	225354	46.558	ug/l	98
44) Trichloroethene	7.22	130	94531	47.731	ug/l	98
45) 1,2-Dichloropropane	7.53	63	86802	49.055	ug/l	98
46) Dibromomethane	7.67	93	66143	47.622	ug/l	98
47) Bromodichloromethane	7.91	83	120611	49.356	ug/l	98
48) Methyl methacrylate	7.79	41	111453	47.429	ug/l	99
49) 1,4-Dioxane	7.77	88	51913	1050.997	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	902914	241.000	ug/l	99
52) Toluene	8.79	92	249908	51.710	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	133201	47.039	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	131863	48.006	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	102141	51.394	ug/l	98
56) Ethyl methacrylate	9.19	69	154108	51.172	ug/l	96
57) 1,3-Dichloropropane	9.38	76	160662	50.542	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	343582	237.711	ug/l	99
59) 2-Hexanone	9.51	43	746018	234.506	ug/l	97
60) Dibromochloromethane	9.59	129	111355	47.565	ug/l	100
61) 1,2-Dibromoethane	9.68	107	117365	55.068	ug/l	98
64) Tetrachloroethene	9.34	164	103927	46.141	ug/l	97
65) Chlorobenzene	10.15	112	299512	46.368	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	102996	46.949	ug/l	98
67) Ethyl Benzene	10.26	91	511505	46.713	ug/l	98
68) m/p-Xylenes	10.37	106	412469	95.727	ug/l	95
69) o-Xylene	10.71	106	196669	47.141	ug/l	96
70) Styrene	10.72	104	333783	48.353	ug/l	96
71) Bromoform	10.87	173	90451	40.564	ug/l #	96
73) Isopropylbenzene	11.02	105	536962	45.746	ug/l	100
74) N-amyl acetate	6.48	43	225354	43.626	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	187257	45.104	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	203416	53.427	ug/l	84
77) Bromobenzene	11.26	156	143067	45.753	ug/l	96
78) n-propylbenzene	11.37	91	628123	44.878	ug/l	99
79) 2-Chlorotoluene	11.43	91	356009	44.030	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	453544	45.954	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.09	75	42966	36.536	ug/l	96
82) 4-Chlorotoluene	11.52	91	433267	44.879	ug/l	97
83) tert-Butylbenzene	11.78	119	454462	45.657	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	477974	46.191	ug/l	98
85) sec-Butylbenzene	11.95	105	561009	45.550	ug/l	99
86) p-Isopropyltoluene	12.07	119	506269	46.284	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	277492	46.934	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	285417	45.981	ug/l	98
89) n-Butylbenzene	12.40	91	452745	44.454	ug/l	99
90) Hexachloroethane	12.60	117	78606	45.656	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	273529	47.189	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49921	43.114	ug/l	95

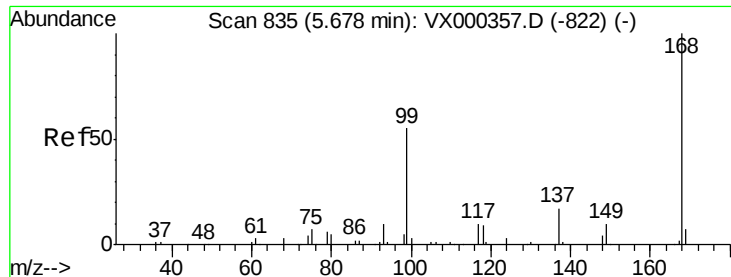
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	196618	47.315	ug/l	99
94) Hexachlorobutadiene	13.79	225	72487	42.129	ug/l	98
95) Naphthalene	13.84	128	702025	48.497	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	194931	47.473	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

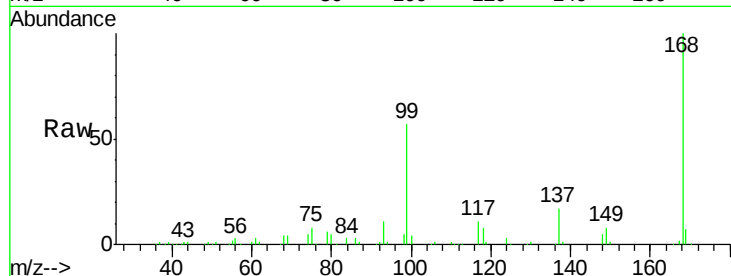
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 148014

Ion Ratio Lower Upper

168 100

99 56.9 45.8 68.6

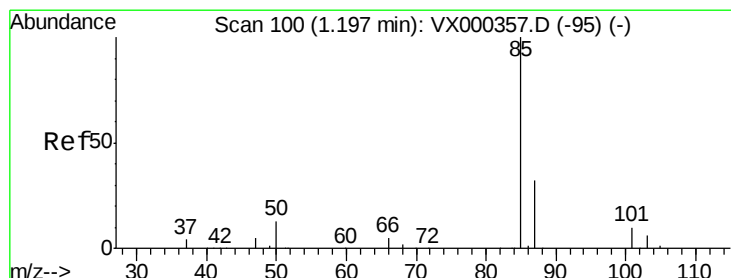
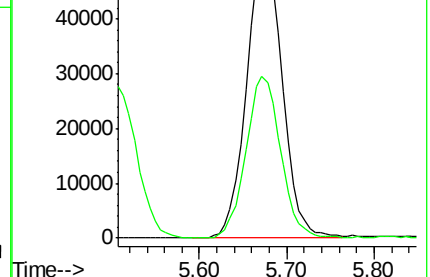
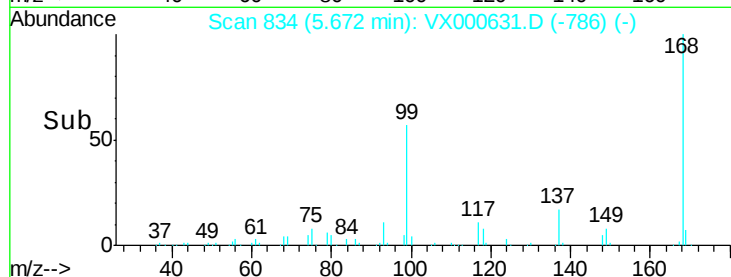


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 39.140 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000631.D

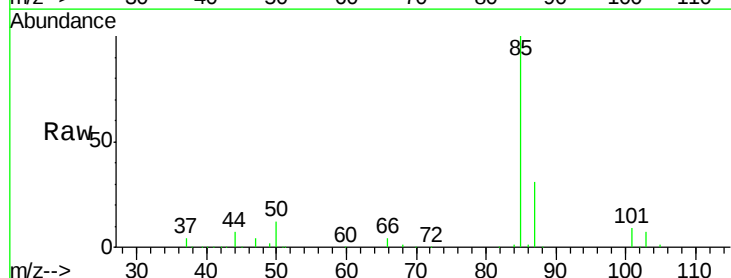
Acq: 01 Apr 2018 08:18

Tgt Ion: 85 Resp: 63848

Ion Ratio Lower Upper

85 100

87 30.6 16.8 50.3

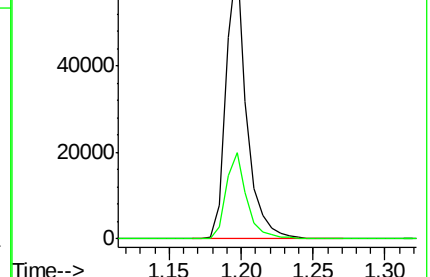
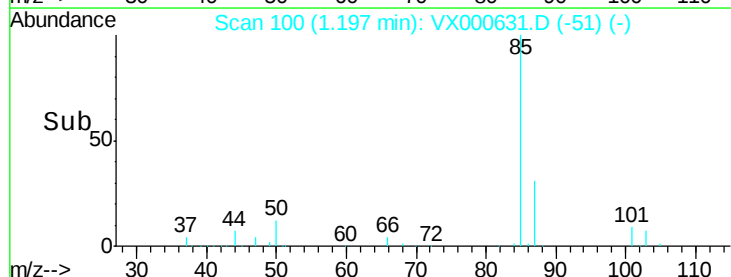


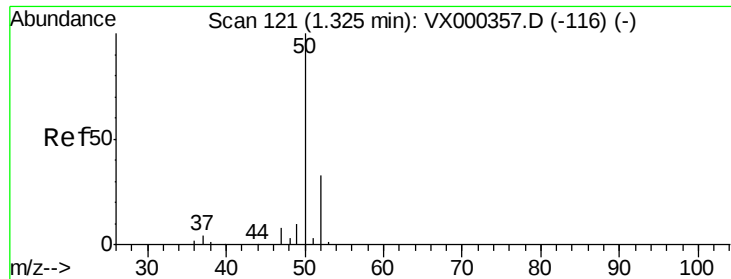
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 33.515 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

Instrument :

MSVOA_X

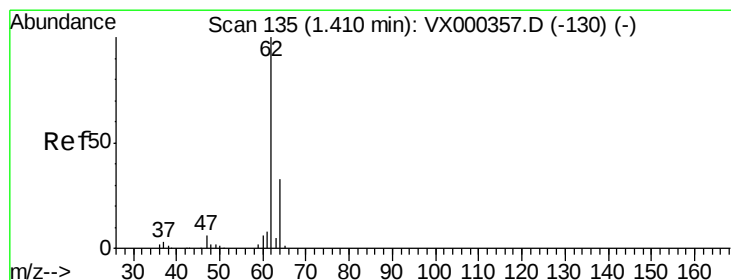
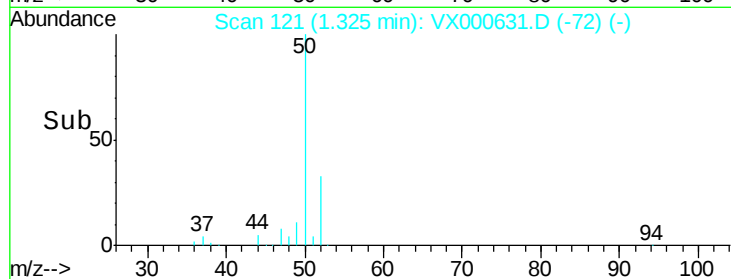
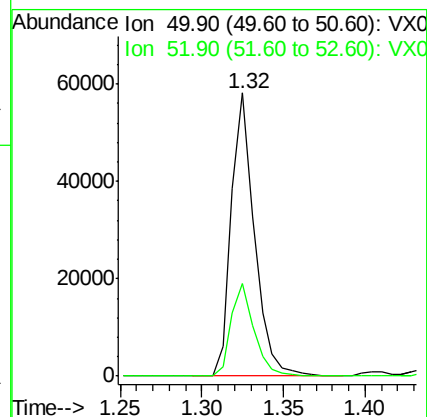
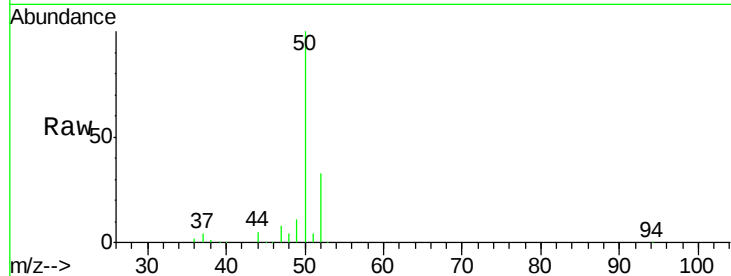
ClientSampleId :

Tot Ion: 50 Resp: 57597

Ion Ratio Lower Upper

50 100

52 32.6 27.5 41.3



#4

Vinyl Chloride

Concen: 50.199 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000631.D

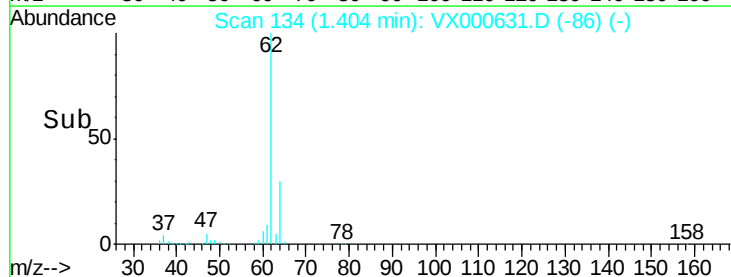
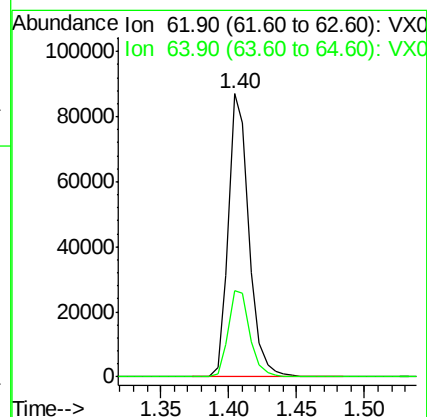
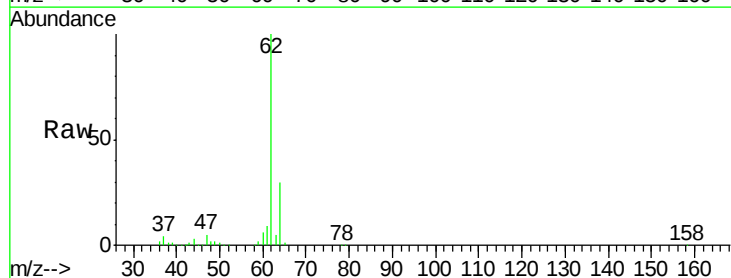
Acq: 01 Apr 2018 08:18

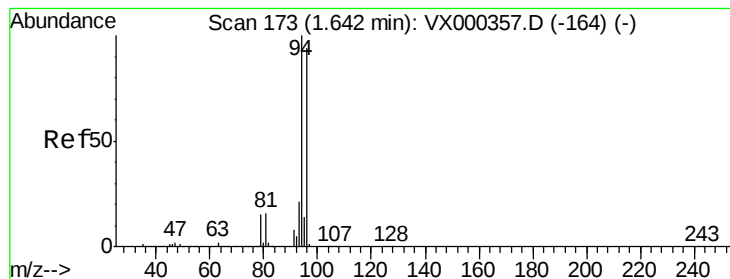
Tgt Ion: 62 Resp: 91153

Ion Ratio Lower Upper

62 100

64 30.5 24.8 37.2





#5

Bromomethane

Concen: 49.940 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

Instrument :

MSVOA_X

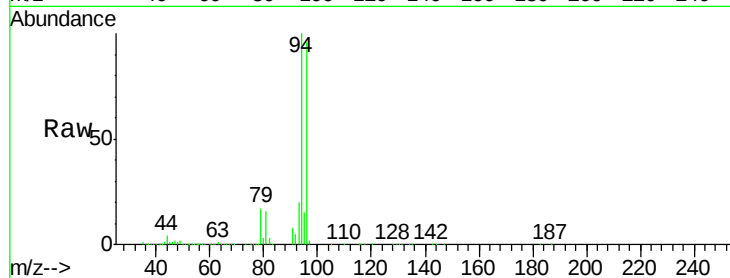
ClientSampleId :

Tot Ion: 94 Resp: 108568

Ion Ratio Lower Upper

94 100

96 96.4 77.7 116.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

120000

100000

80000

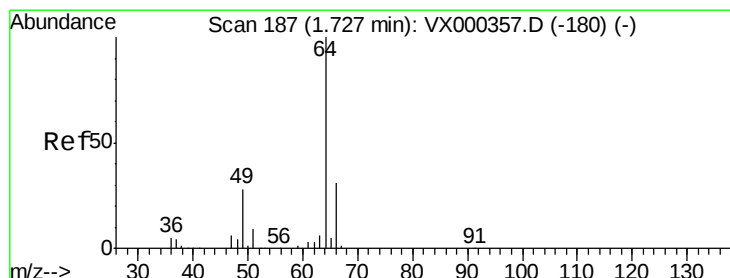
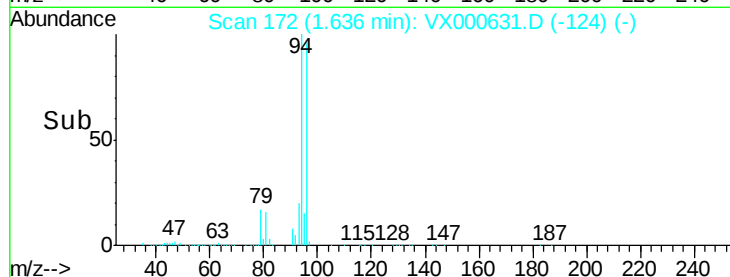
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 59.348 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000631.D

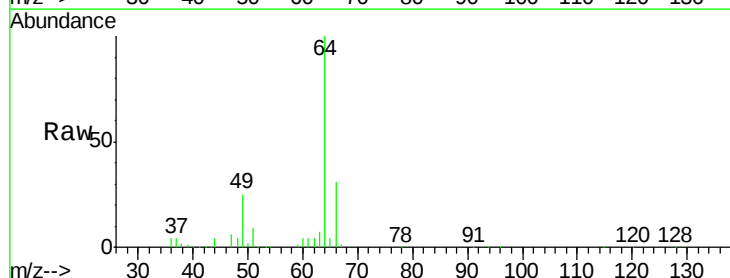
Acq: 01 Apr 2018 08:18

Tgt Ion: 64 Resp: 65586

Ion Ratio Lower Upper

64 100

66 31.5 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

60000

50000

40000

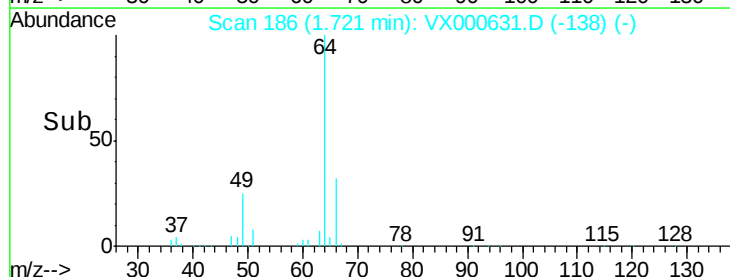
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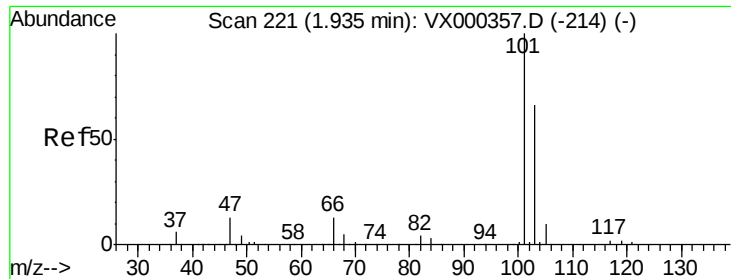
20000

10000

0

Time-->



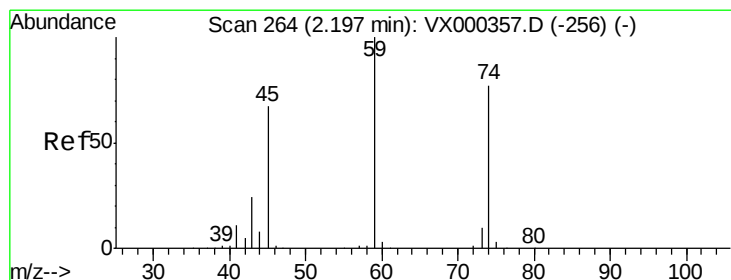
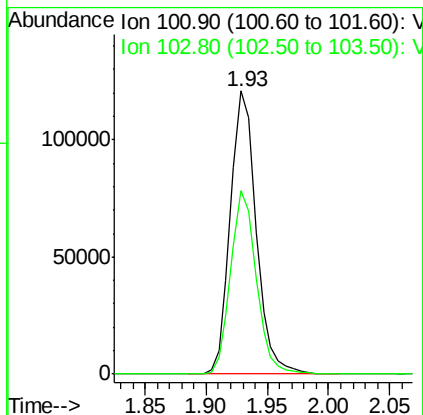
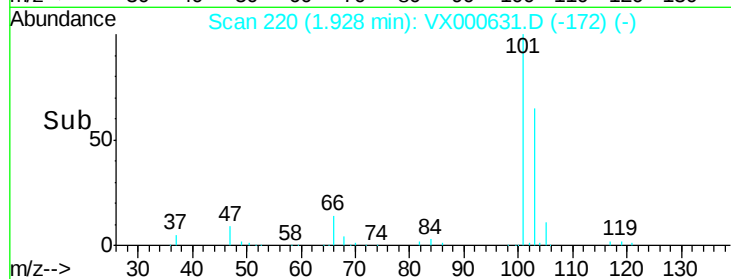
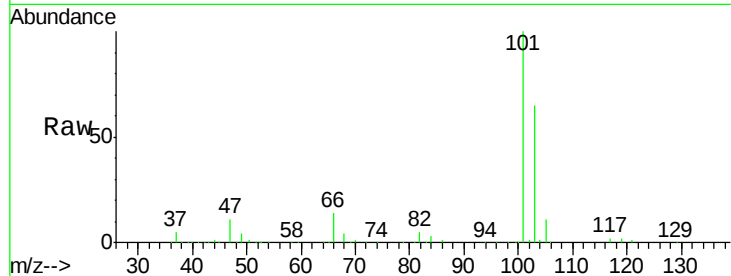


#7

Trichlorofluoromethane
 Concen: 53.927 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VX000631.D
 Acq: 01 Apr 2018 08:18

Instrument :
 MSVOA_X
 ClientSampleId :

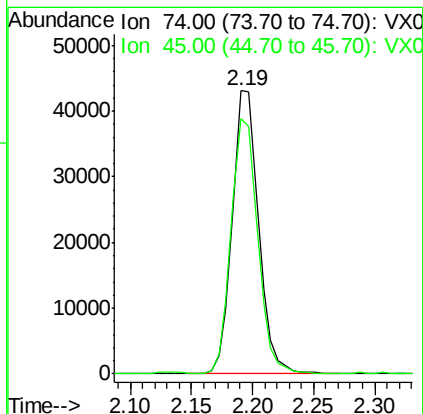
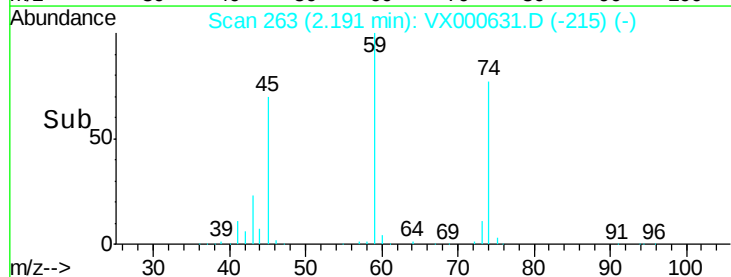
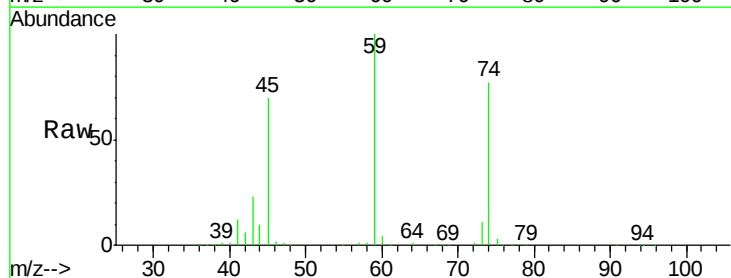
Tot Ion:101 Resp: 176743
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.6 77.4

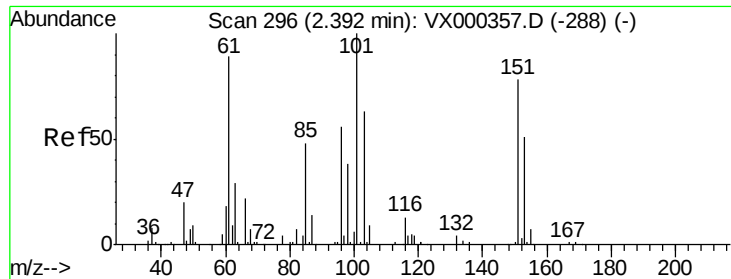


#8

Diethyl Ether
 Concen: 54.621 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000631.D
 Acq: 01 Apr 2018 08:18

Tgt Ion: 74 Resp: 63976
 Ion Ratio Lower Upper
 74 100
 45 90.9 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.787 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

Instrument :

MSVOA_X

ClientSampleId :

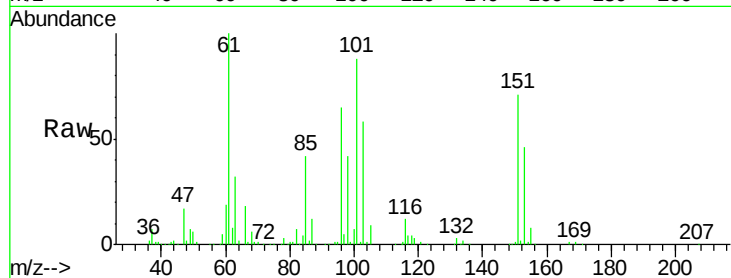
Tot Ion:101 Resp: 98299

Ion Ratio Lower Upper

101 100

85 46.8 37.6 56.4

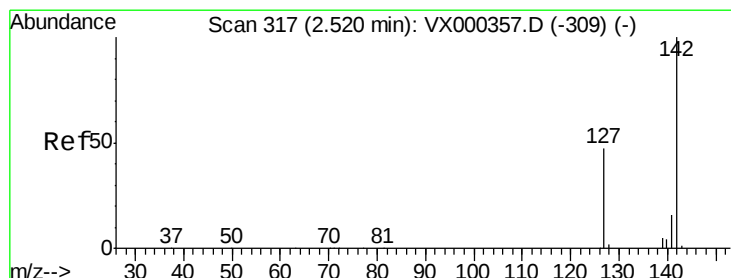
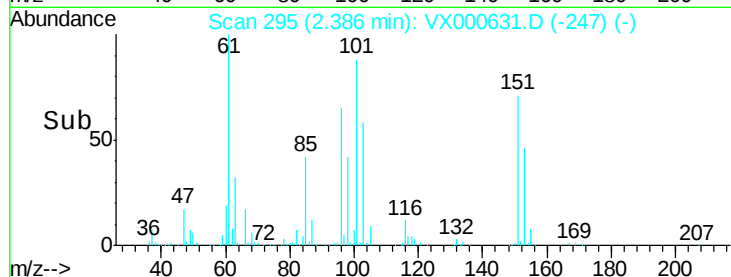
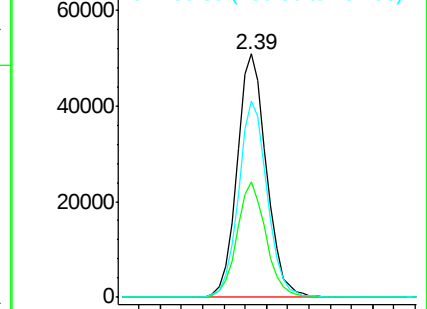
151 79.1 62.6 93.8



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: 21.568 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

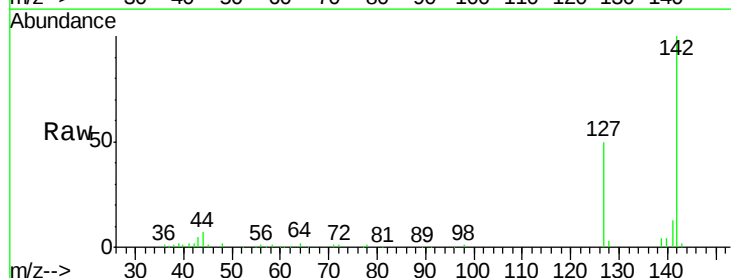
Tgt Ion:142 Resp: 34240

Ion Ratio Lower Upper

142 100

127 47.2 39.2 58.8

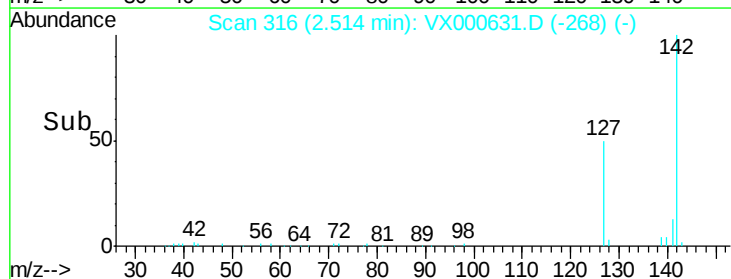
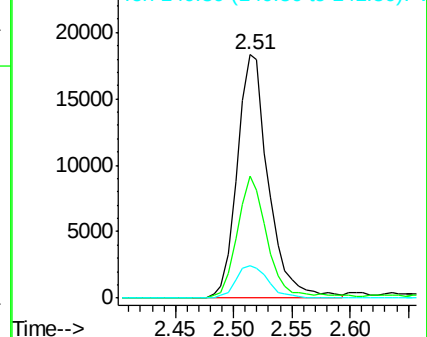
141 14.0 11.7 17.5

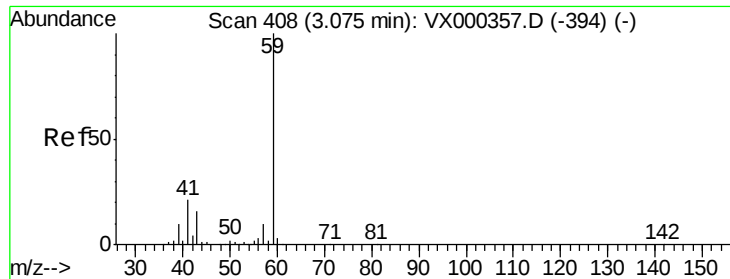


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

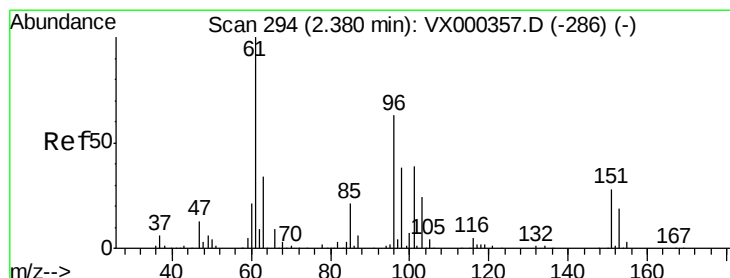
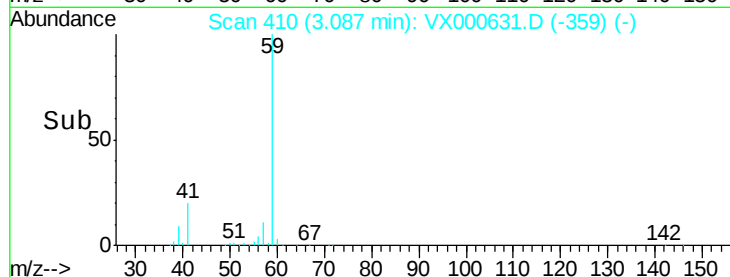
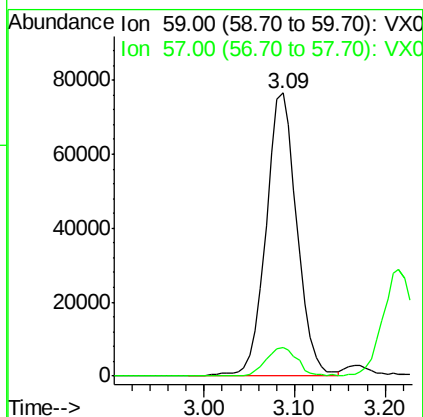
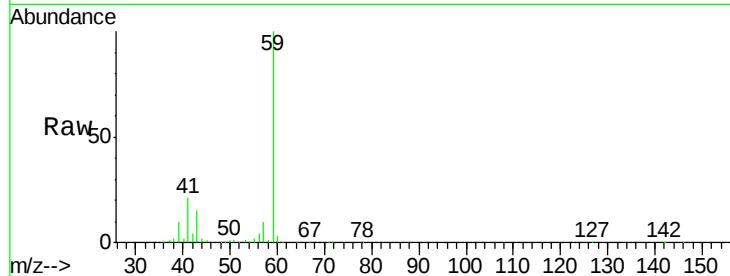




#11
Tert butyl alcohol
Concen: 271.231 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX000631.D
Acq: 01 Apr 2018 08:18

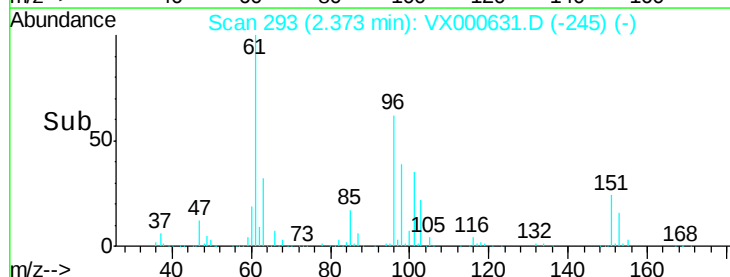
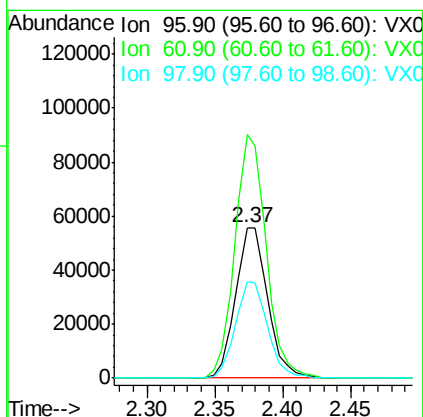
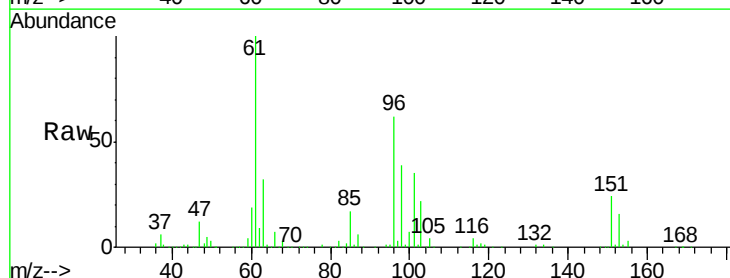
Instrument :
MSVOA_X
ClientSampled :

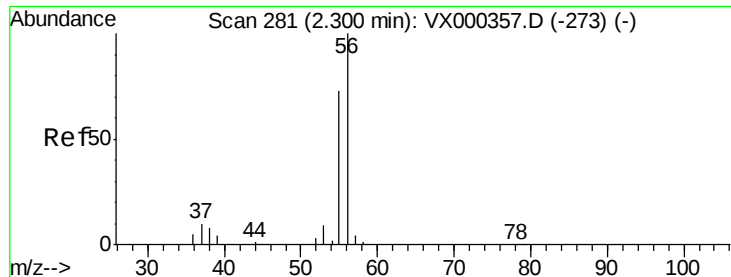
Tot Ion: 59 Resp: 180260
Ion Ratio Lower Upper
59 100
57 10.3 8.4 12.6



#12
1,1-Dichloroethene
Concen: 57.260 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.01 min
Lab File: VX000631.D
Acq: 01 Apr 2018 08:18

Tgt Ion: 96 Resp: 91864
Ion Ratio Lower Upper
96 100
61 161.9 131.2 196.8
98 63.9 49.8 74.8





#13

Acrolein

Concen: 417.547 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

Instrument :

MSVOA_X

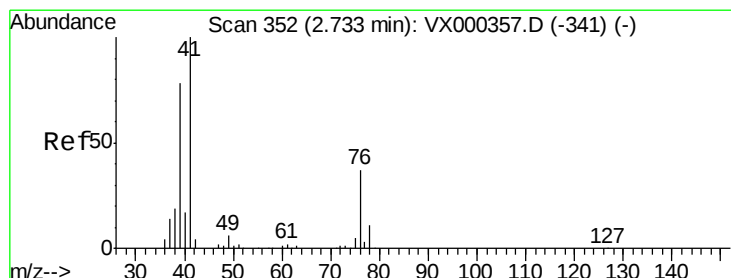
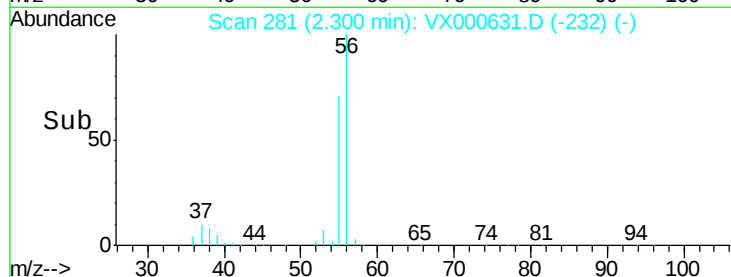
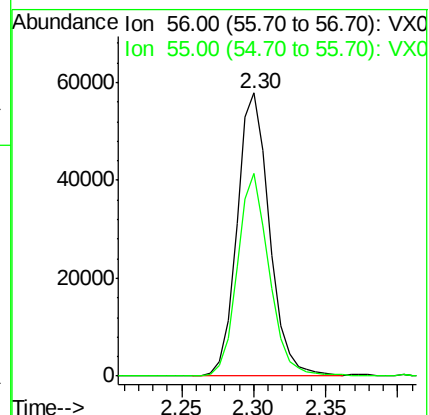
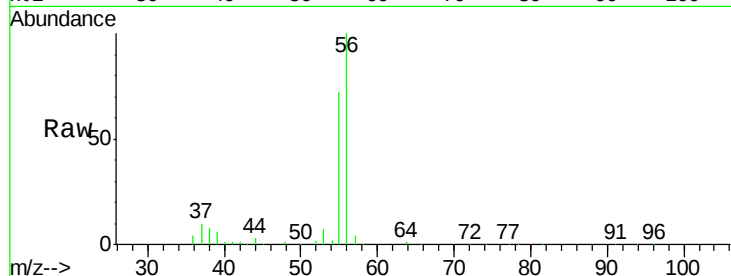
ClientSampleId :

Tot Ion: 56 Resp: 90805

Ion Ratio Lower Upper

56 100

55 70.4 58.8 88.2



#14

Allyl chloride

Concen: 52.347 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

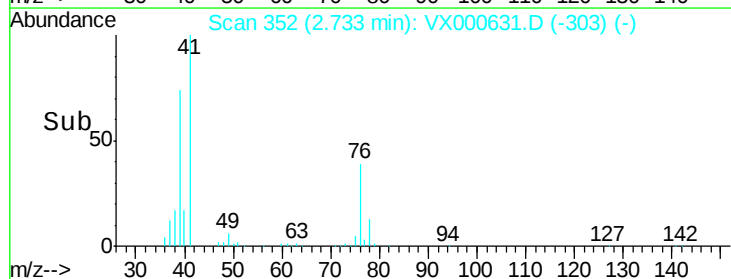
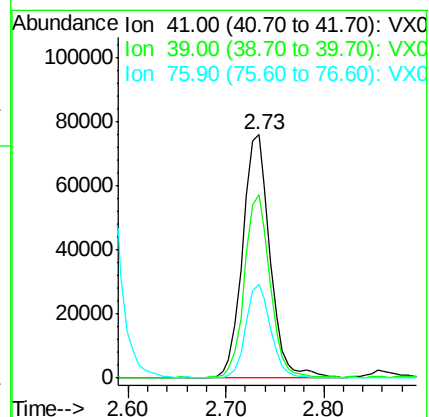
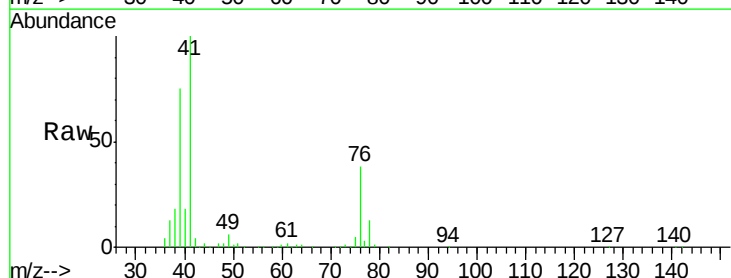
Tgt Ion: 41 Resp: 148314

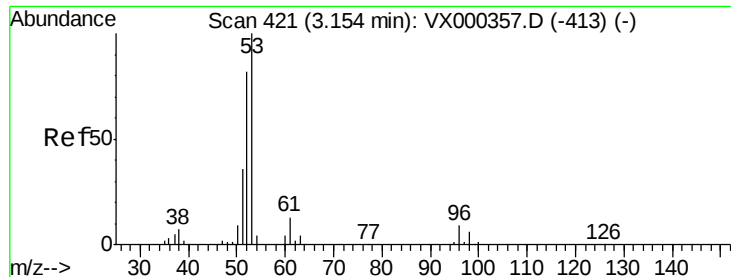
Ion Ratio Lower Upper

41 100

39 69.8 57.6 86.4

76 35.3 27.3 40.9





#15

Acrylonitrile

Concen: 263.438 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

Instrument :
MSVOA_X
ClientSampleId :

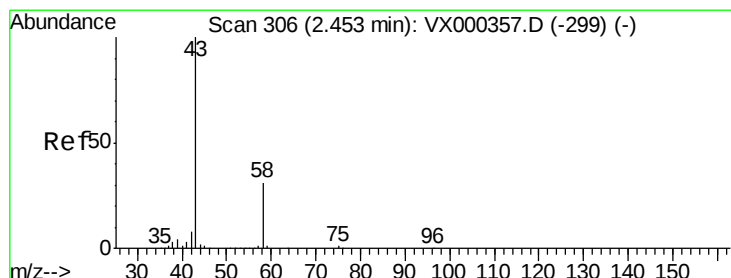
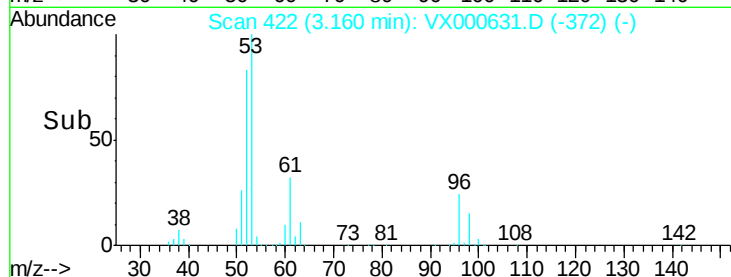
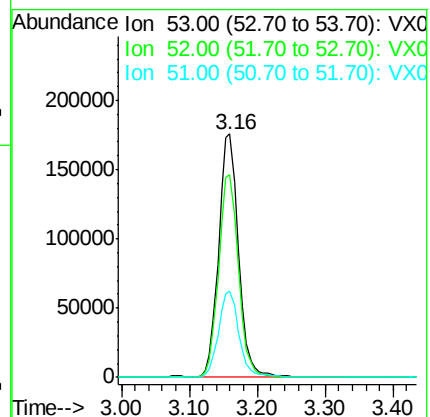
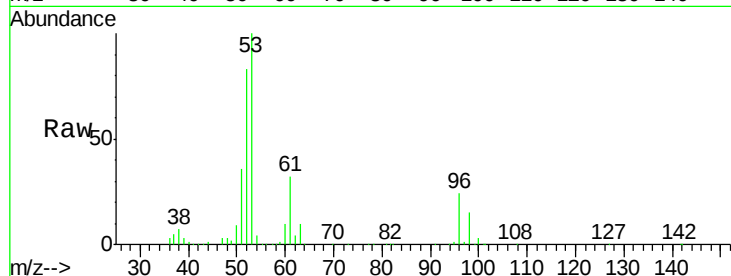
Tot Ion: 53 Resp: 354603

Ion Ratio Lower Upper

53 100

52 83.1 66.6 99.8

51 36.4 29.3 43.9



#16

Acetone

Concen: 202.250 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000631.D

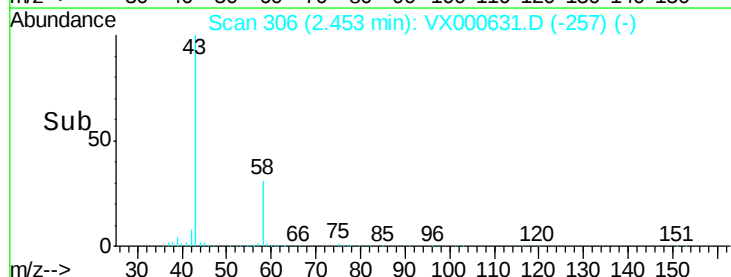
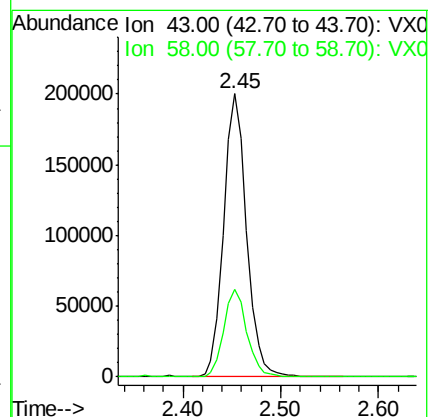
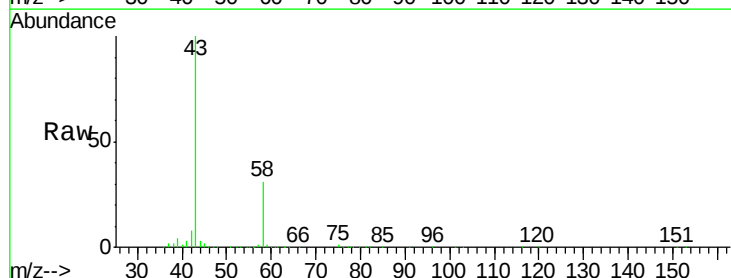
Acq: 01 Apr 2018 08:18

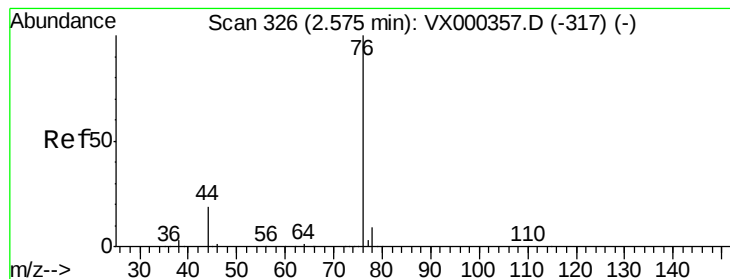
Tgt Ion: 43 Resp: 325071

Ion Ratio Lower Upper

43 100

58 31.0 24.7 37.1





#17

Carbon Disulfide

Concen: 53.440 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

Instrument :

MSVOA_X

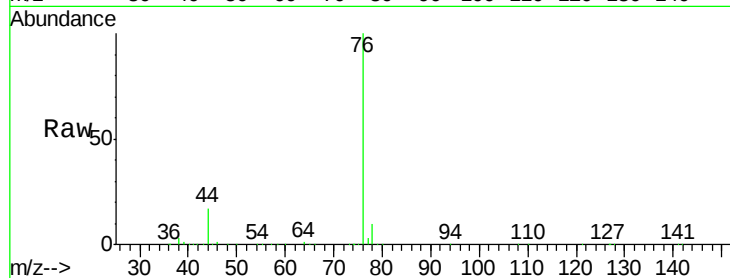
ClientSampleId :

Tot Ion: 76 Resp: 228072

Ion Ratio Lower Upper

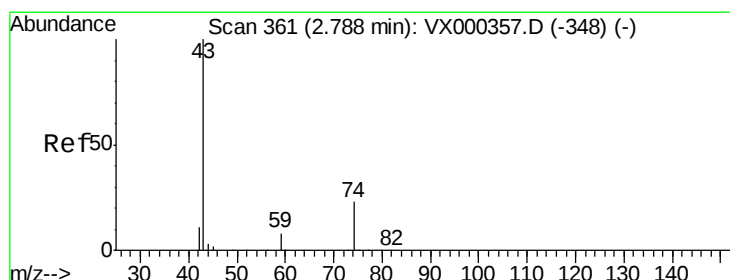
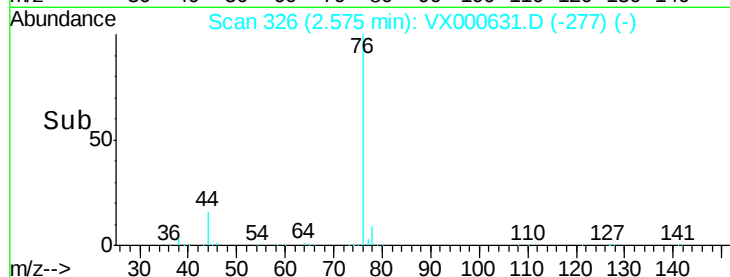
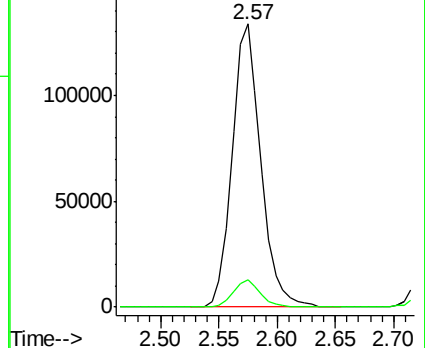
76 100

78 9.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 53.395 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX000631.D

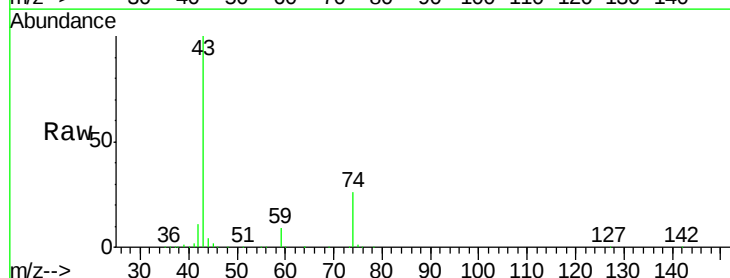
Acq: 01 Apr 2018 08:18

Tgt Ion: 43 Resp: 179921

Ion Ratio Lower Upper

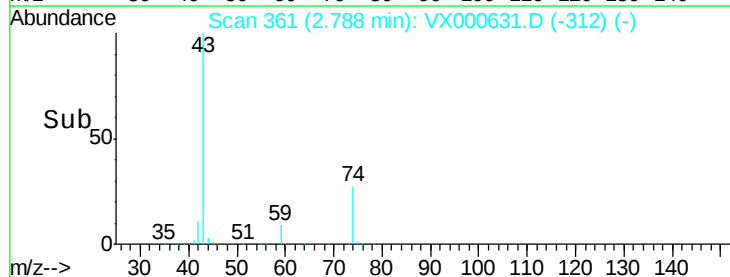
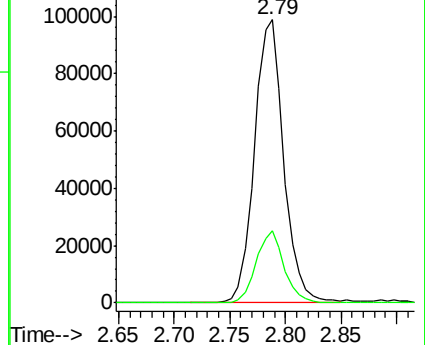
43 100

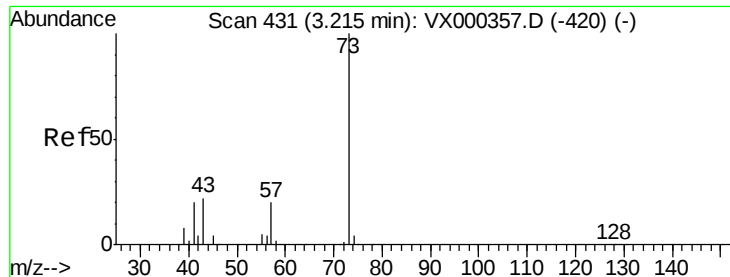
74 24.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

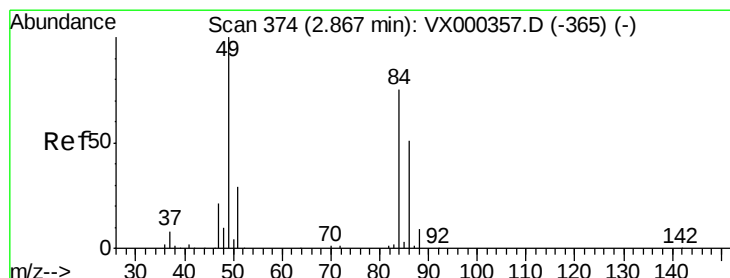
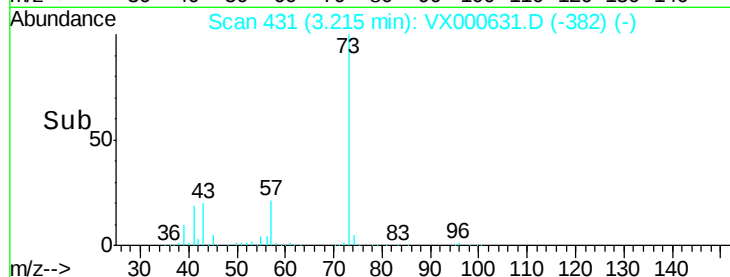
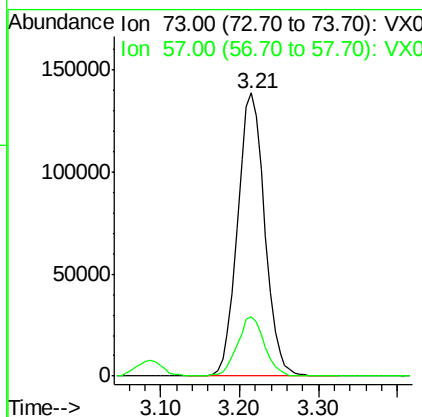
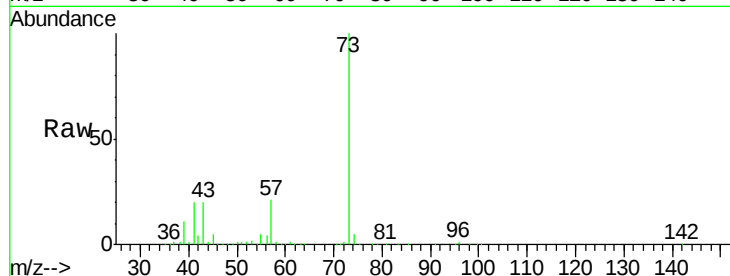




#19
Methvl tert-butvl Ether
Concen: 55.871 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000631.D
Acq: 01 Apr 2018 08:18

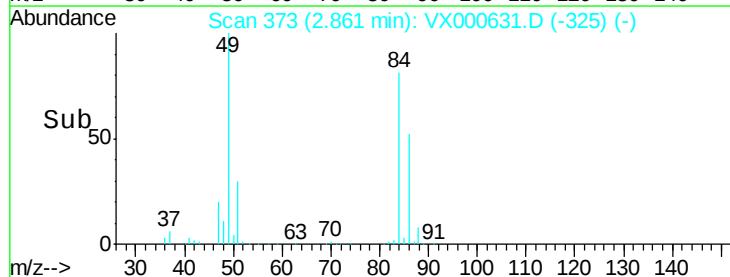
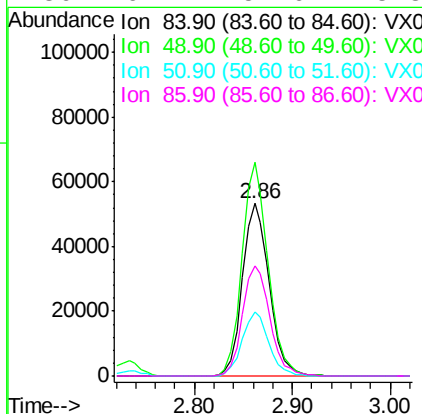
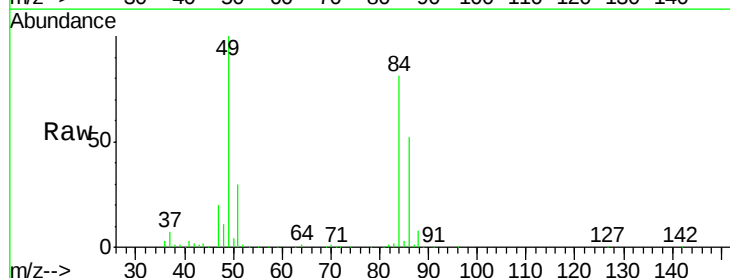
Instrument :
MSVOA_X
ClientSampleId :

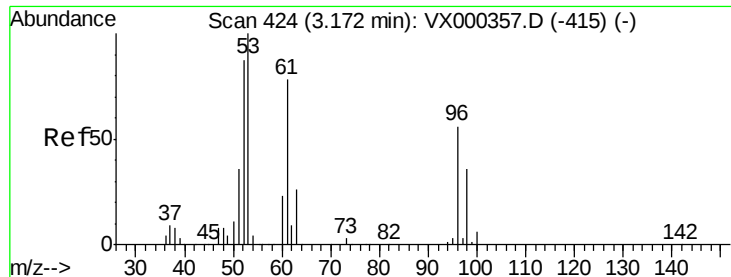
Tot Ion: 73 Resp: 331512
Ion Ratio Lower Upper
73 100
57 20.8 17.2 25.8



#20
Methylene Chloride
Concen: 54.465 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000631.D
Acq: 01 Apr 2018 08:18

Tgt Ion: 84 Resp: 101111
Ion Ratio Lower Upper
84 100
49 123.7 100.6 151.0
51 37.0 31.6 47.4
86 64.1 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 56.336 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

Instrument :

MSVOA_X

ClientSampleId :

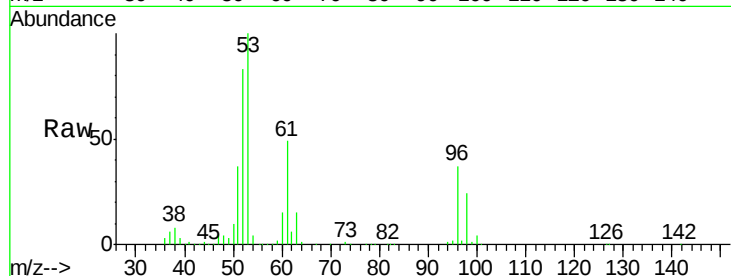
Tot Ion: 96 Resp: 100821

Ion Ratio Lower Upper

96 100

61 132.8 104.0 156.0

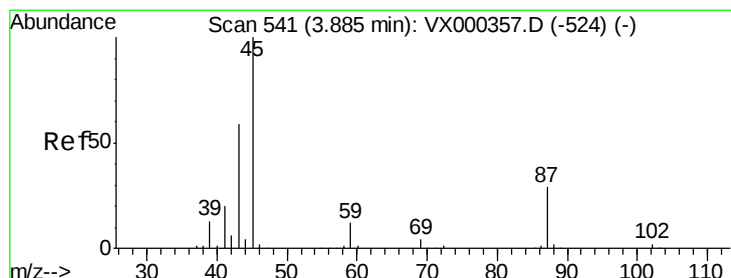
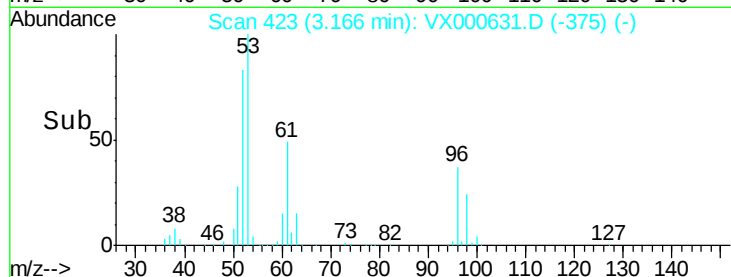
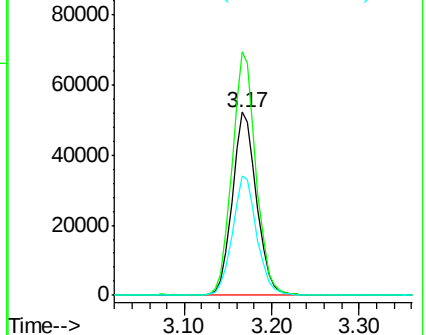
98 65.2 52.1 78.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 45.182 ug/l

RT: 3.89 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

Tgt Ion: 45 Resp: 226597

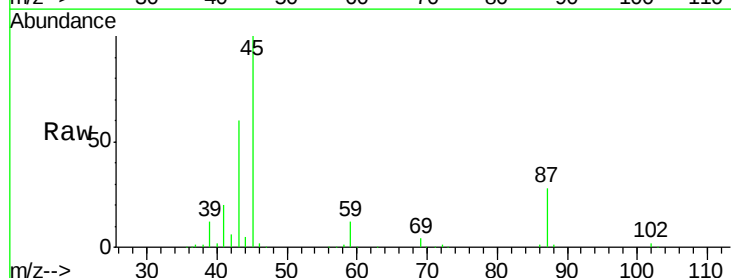
Ion Ratio Lower Upper

45 100

43 59.5 53.9 80.9

87 27.6 22.6 34.0

59 11.6 9.5 14.3

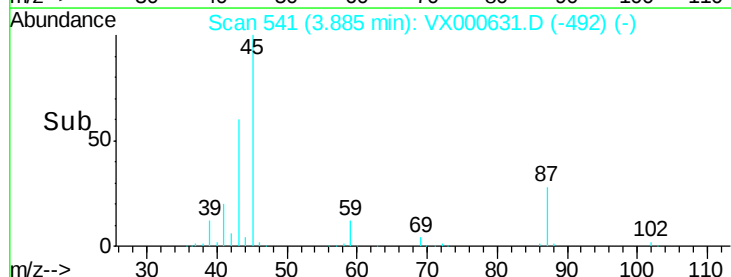
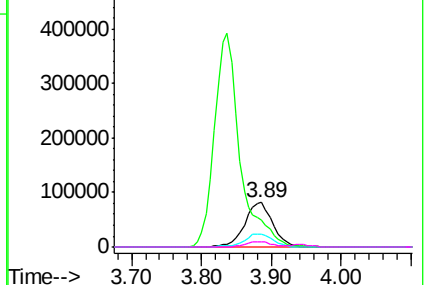


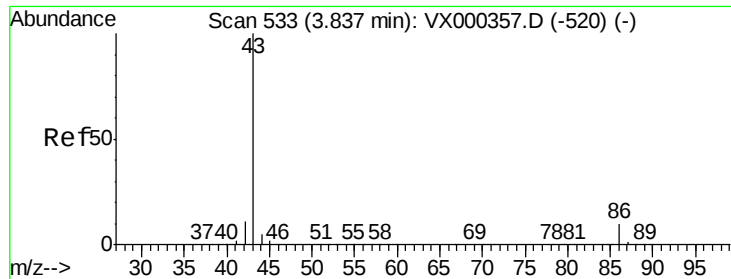
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 210.189 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

Instrument :

MSVOA_X

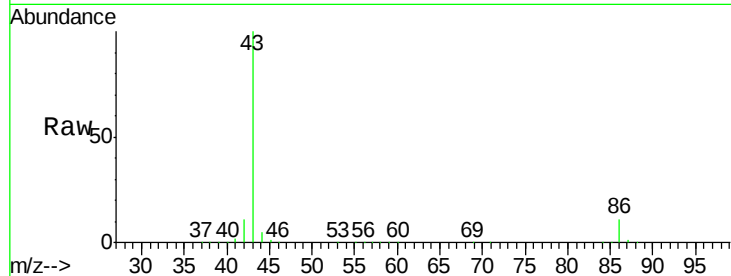
ClientSampled :

Tot Ion: 43 Resp: 999328

Ion Ratio Lower Upper

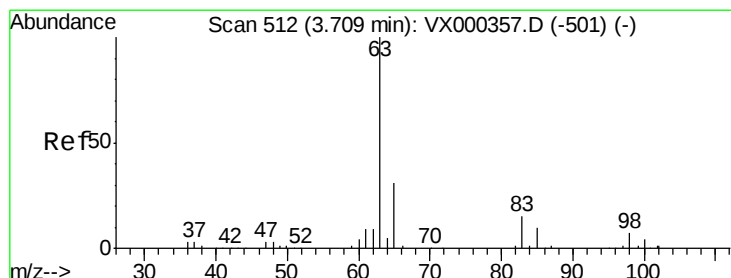
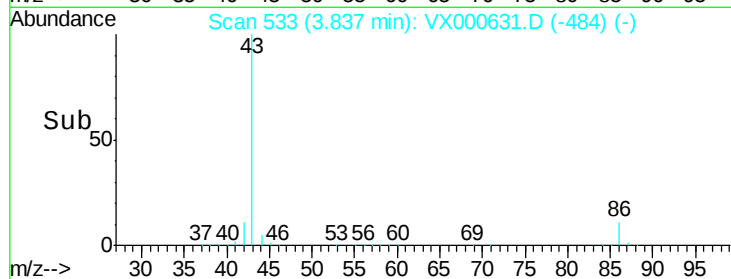
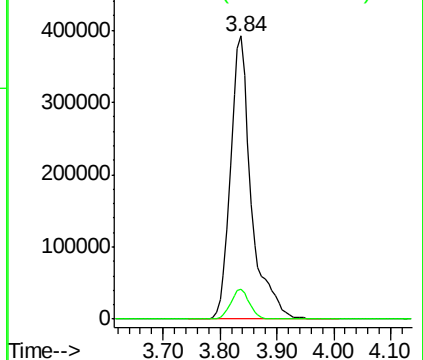
43 100

86 10.5 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 36.255 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

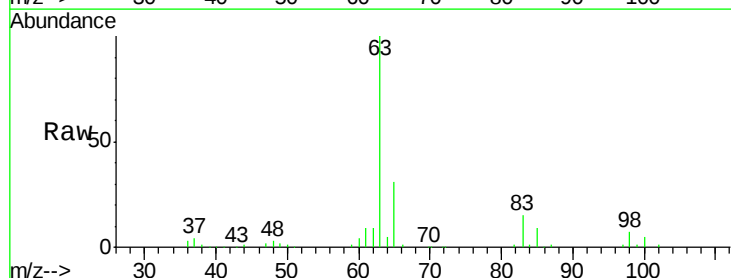
Tgt Ion: 63 Resp: 114320

Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.9

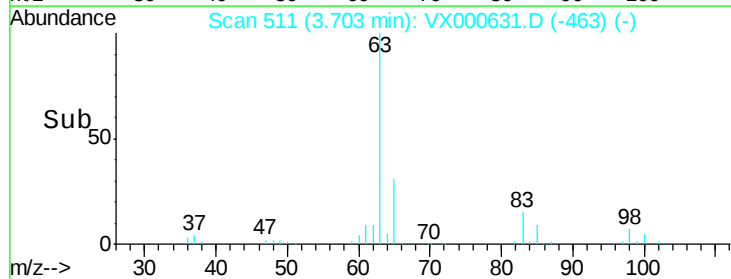
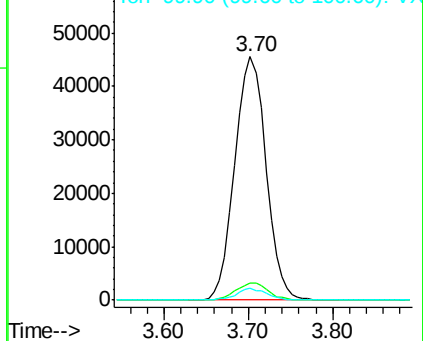
100 4.8 2.0 5.8

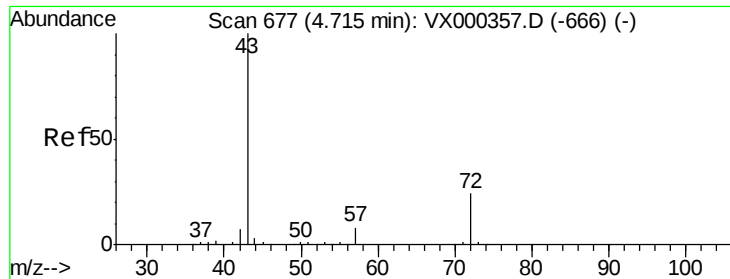


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 217.363 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

Instrument :

MSVOA_X

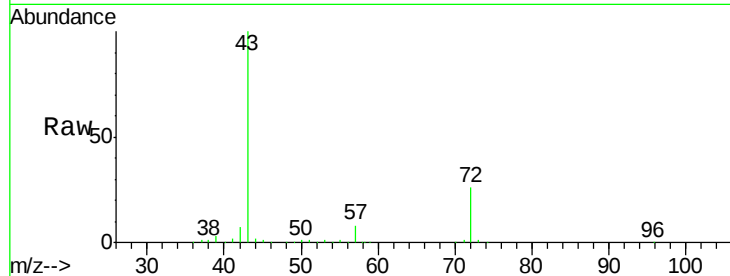
ClientSampled :

Tot Ion: 43 Resp: 392687

Ion Ratio Lower Upper

43 100

72 25.4 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

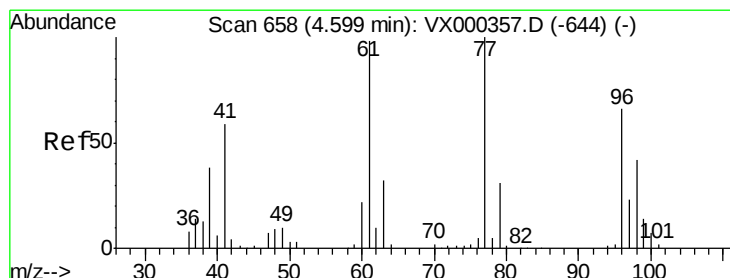
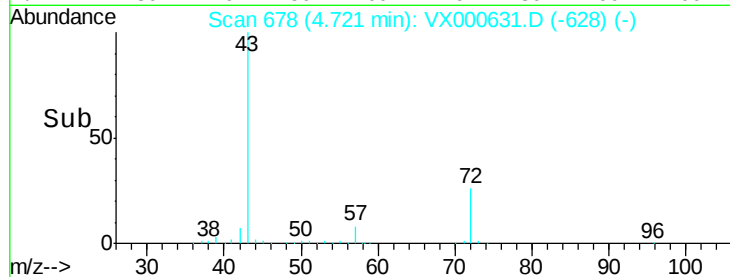
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 29.608 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX000631.D

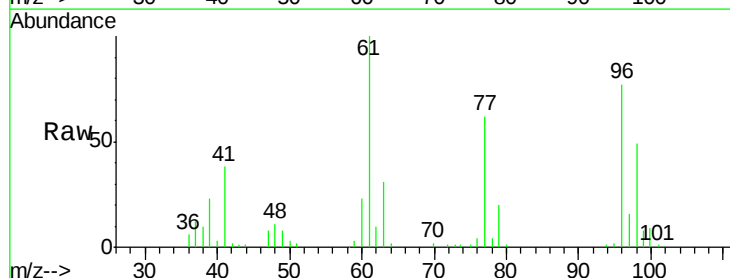
Acq: 01 Apr 2018 08:18

Tgt Ion: 77 Resp: 65436

Ion Ratio Lower Upper

77 100

97 25.7 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

25000

20000

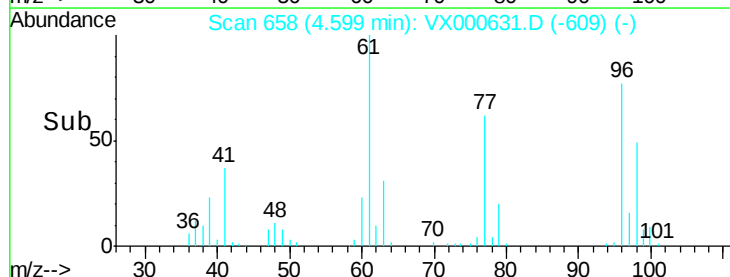
15000

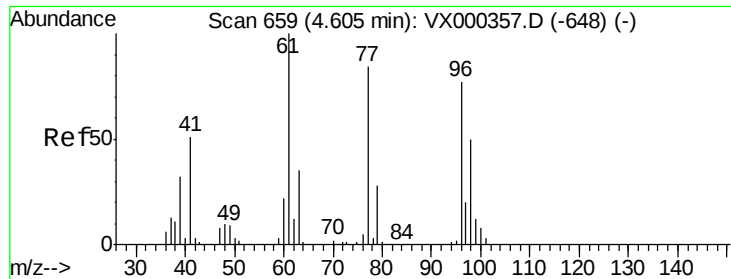
10000

5000

0

Time-->



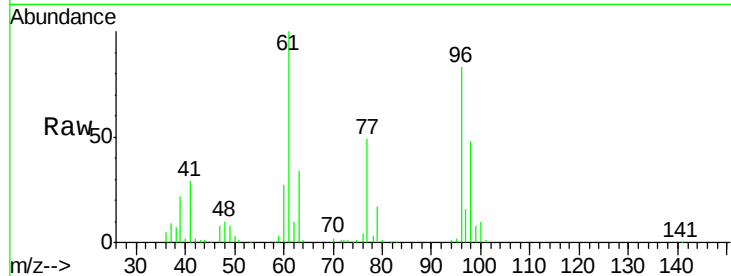


#27

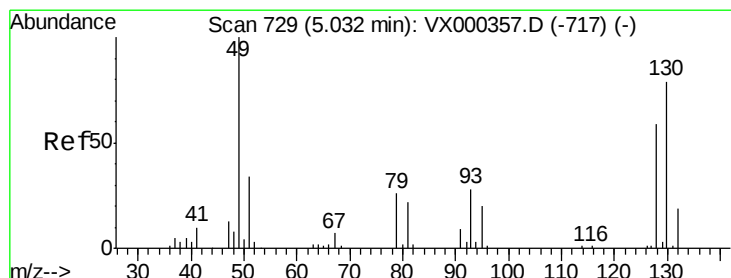
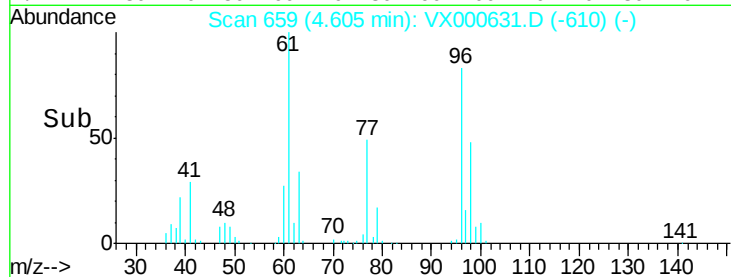
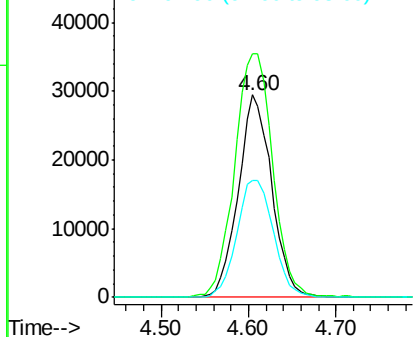
cis-1,2-Dichloroethene
Concen: 46.858 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX000631.D
Acq: 01 Apr 2018 08:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 78375
Ion Ratio Lower Upper
96 100
61 136.9 0.0 291.6
98 63.2 0.0 132.0



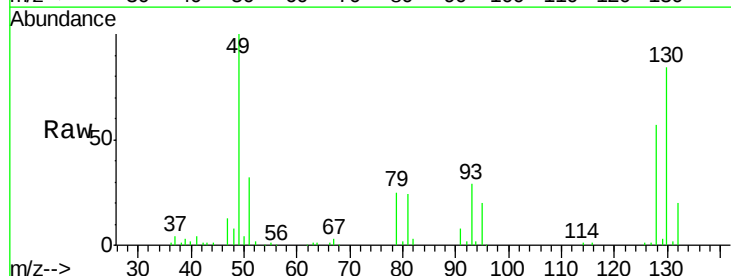
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



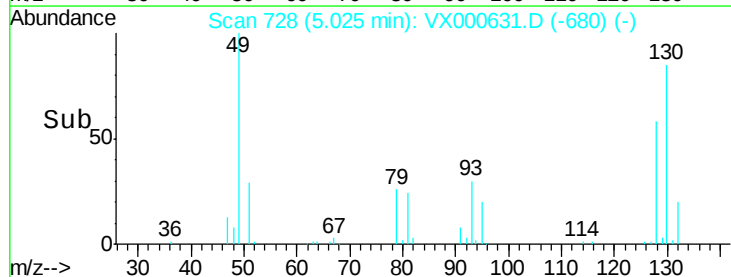
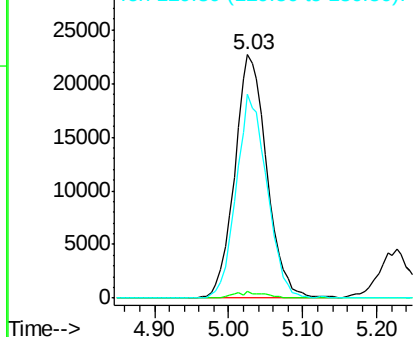
#28

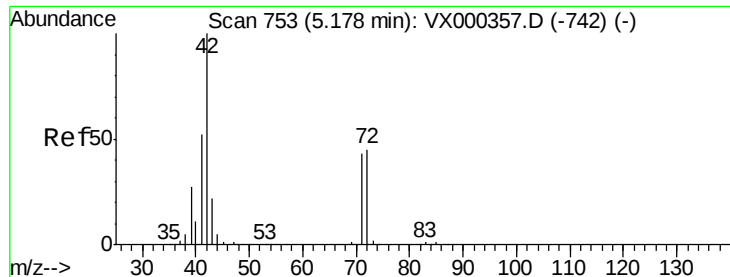
Bromochloromethane
Concen: 52.647 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000631.D
Acq: 01 Apr 2018 08:18

Tgt Ion: 49 Resp: 68455
Ion Ratio Lower Upper
49 100
129 0.9 0.0 5.0
130 80.0 64.0 96.0



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

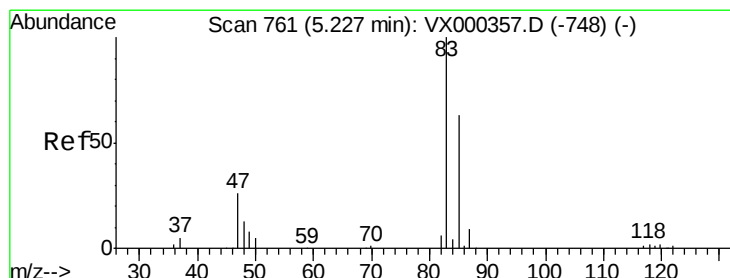
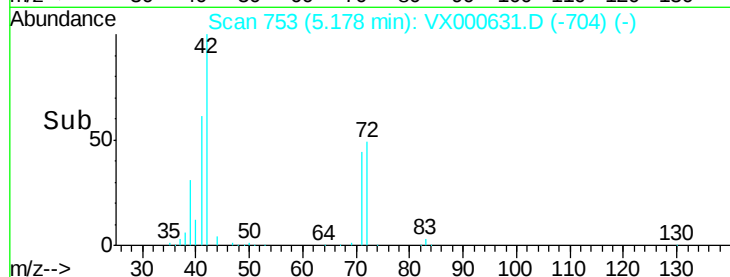
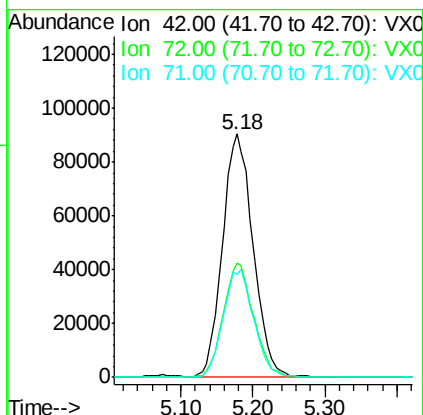
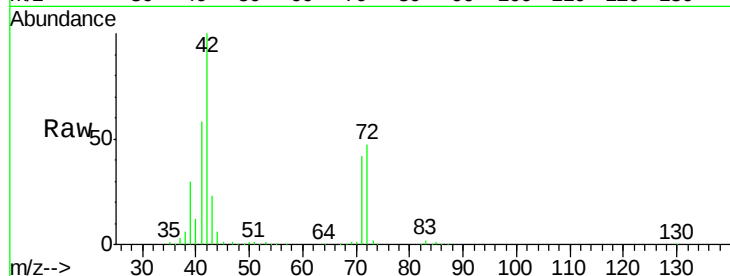




#29
Tetrahydrofuran
Concen: 239.808 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000631.D
Acq: 01 Apr 2018 08:18

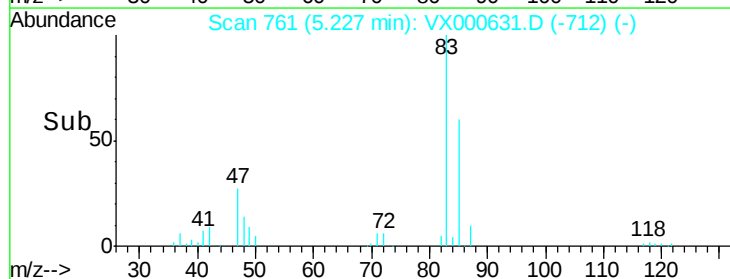
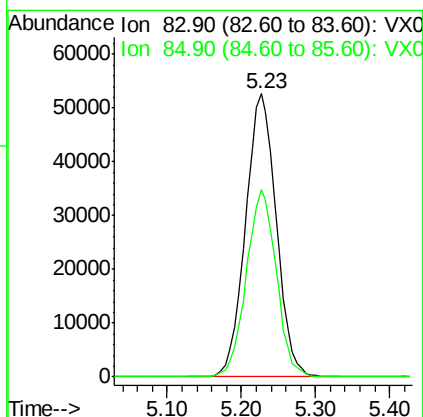
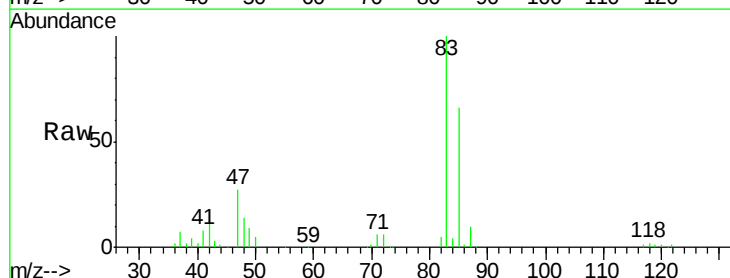
Instrument :
MSVOA_X
ClientSampled :

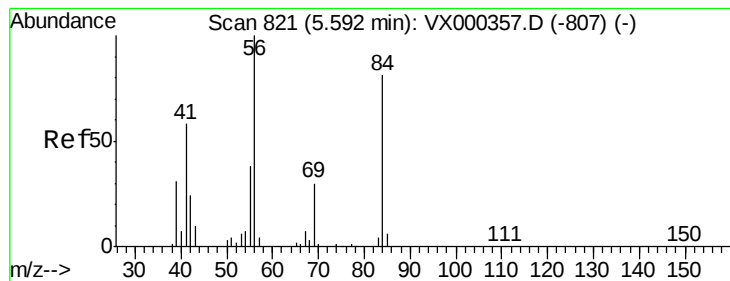
Tot Ion: 42 Resp: 266555
Ion Ratio Lower Upper
42 100
72 46.8 37.9 56.9
71 44.2 34.4 51.6



#30
Chloroform
Concen: 51.571 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000631.D
Acq: 01 Apr 2018 08:18

Tgt Ion: 83 Resp: 152399
Ion Ratio Lower Upper
83 100
85 66.4 53.3 79.9





#31

Cyclohexane

Concen: 48.828 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.01 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

Instrument :
MSVOA_X
ClientSampleId :

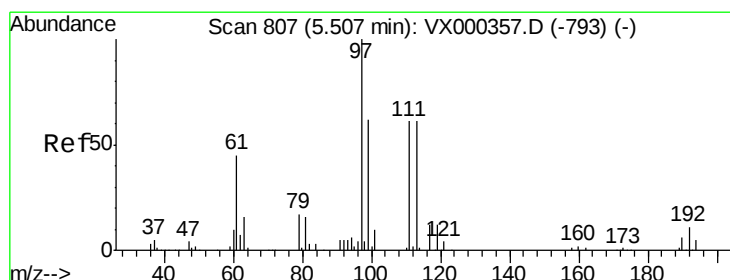
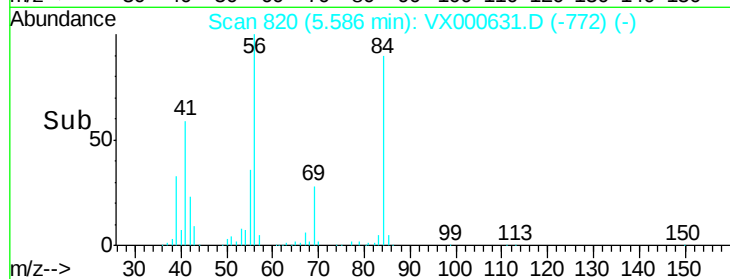
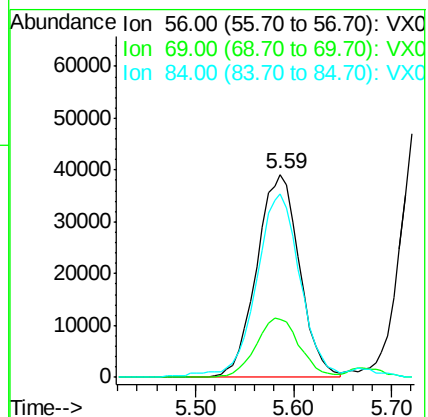
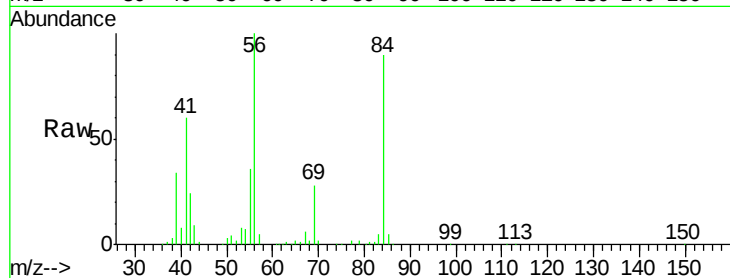
Tot Ion: 56 Resp: 119024

Ion Ratio Lower Upper

56 100

69 28.0 23.4 35.0

84 88.5 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 49.995 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

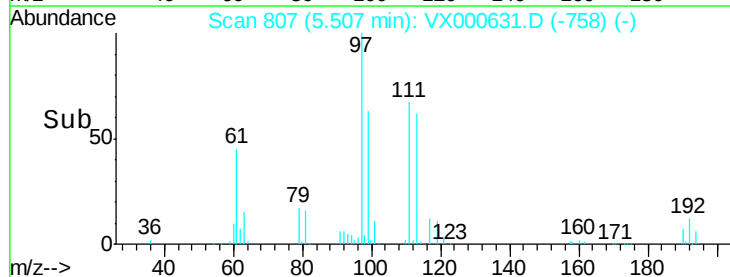
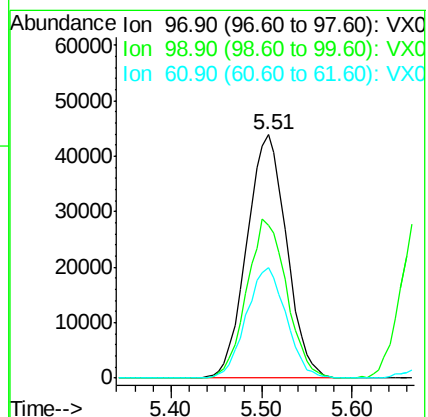
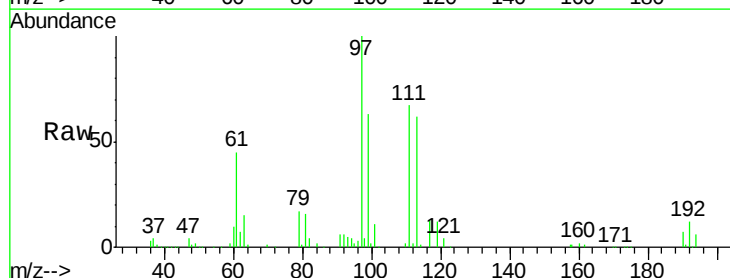
Tgt Ion: 97 Resp: 133282

Ion Ratio Lower Upper

97 100

99 65.2 52.1 78.1

61 45.7 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 53.876 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

Instrument :

MSVOA_X

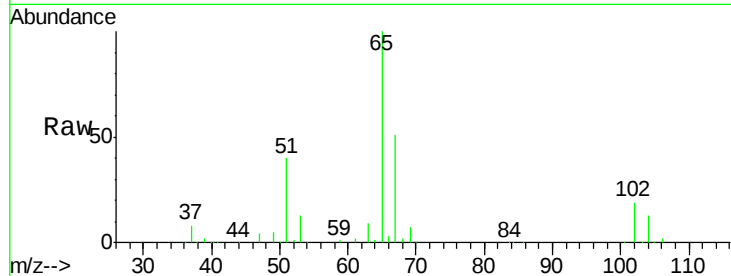
ClientSampleId :

Tot Ion: 65 Resp: 104094

Ion Ratio Lower Upper

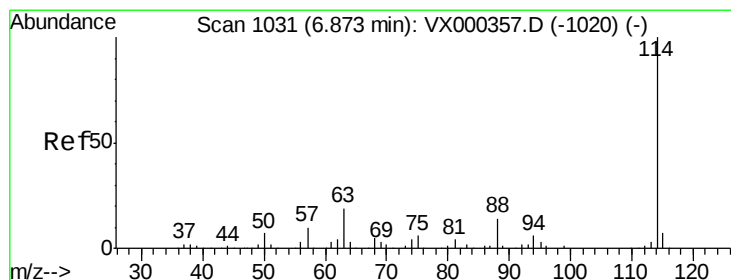
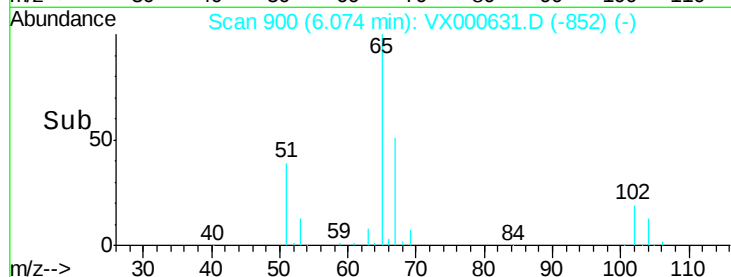
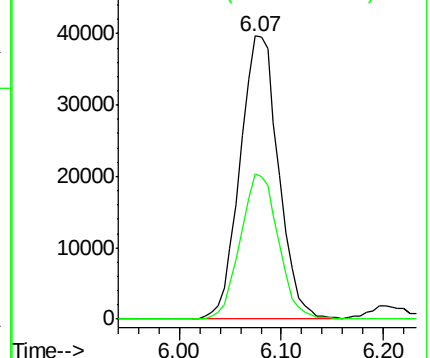
65 100

67 50.6 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

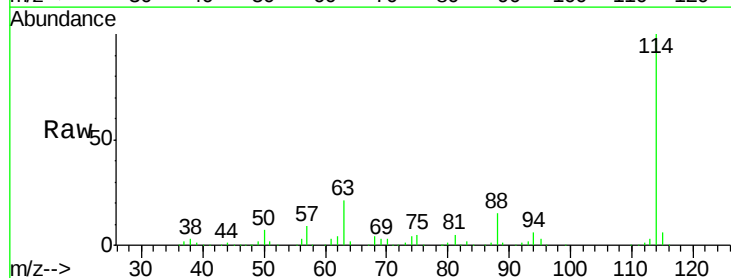
Tgt Ion: 114 Resp: 254132

Ion Ratio Lower Upper

114 100

63 21.2 0.0 38.4

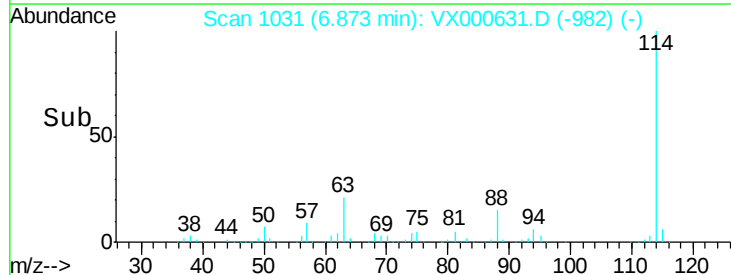
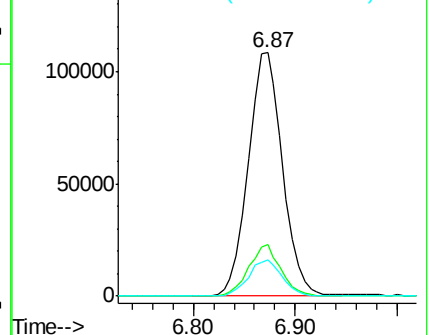
88 15.1 0.0 27.0

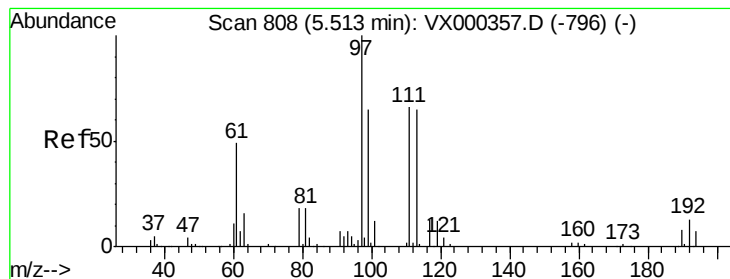


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.058 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

Instrument :

MSVOA_X

ClientSampleId :

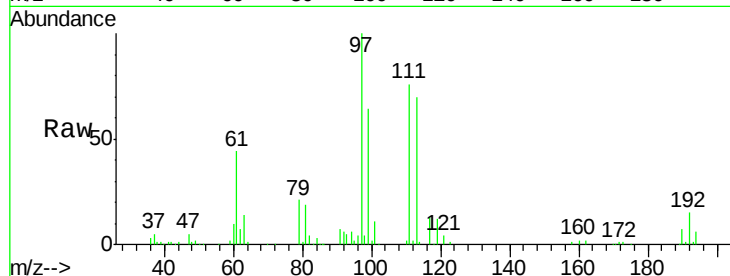
Tot Ion:113 Resp: 80155

Ion Ratio Lower Upper

113 100

111 104.5 82.4 123.6

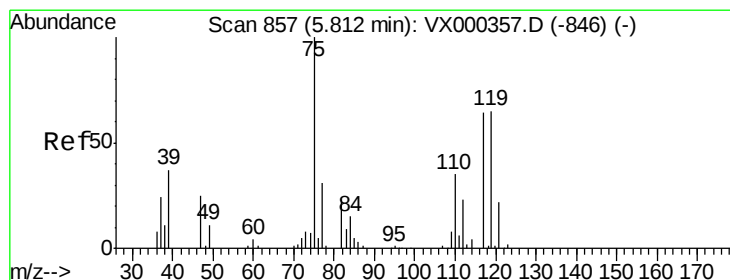
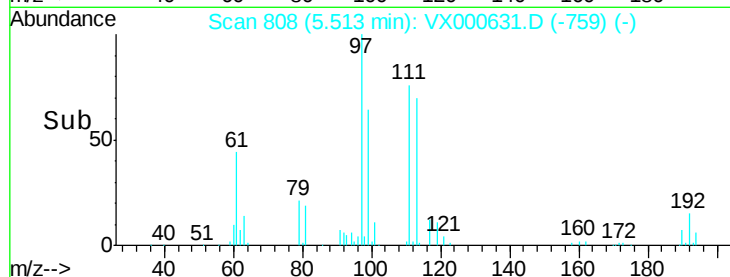
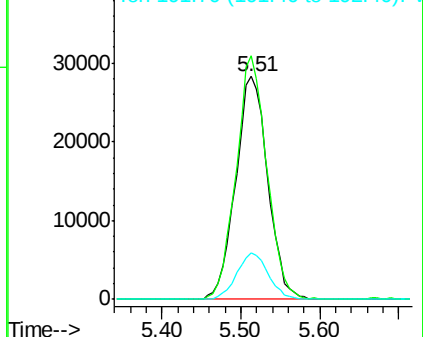
192 20.4 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.543 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

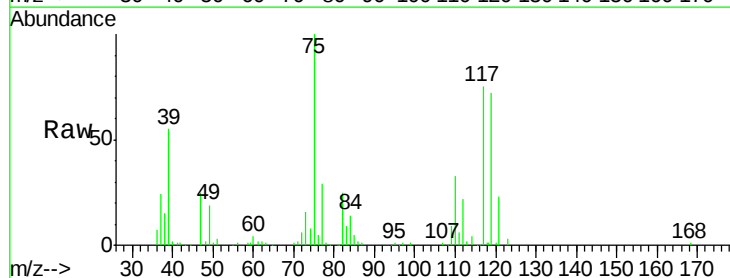
Tgt Ion: 75 Resp: 110794

Ion Ratio Lower Upper

75 100

110 36.2 17.9 53.7

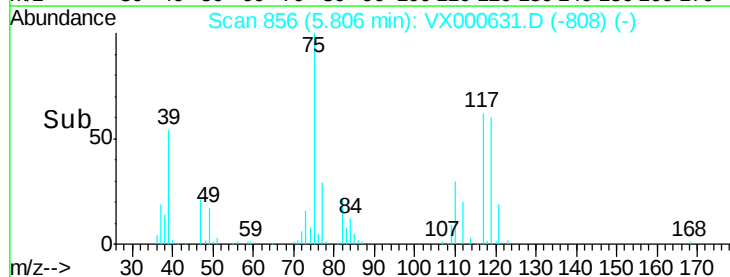
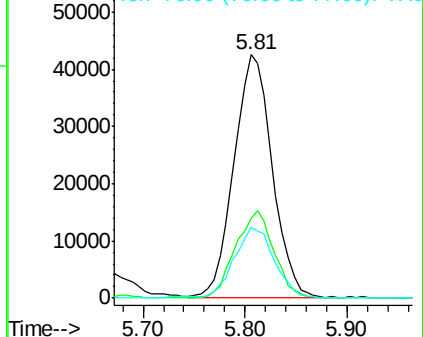
77 30.2 24.0 36.0

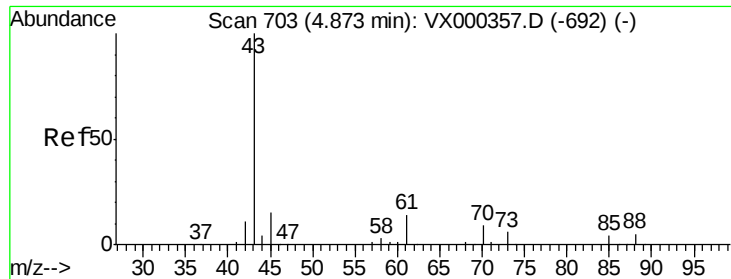


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

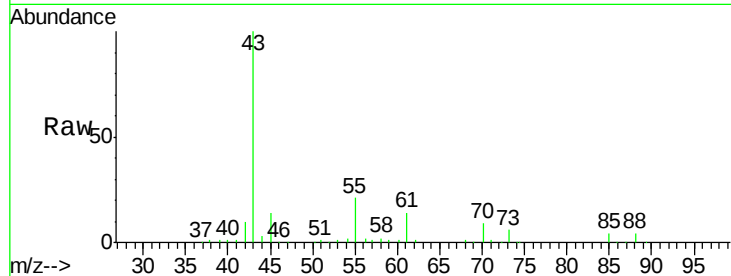




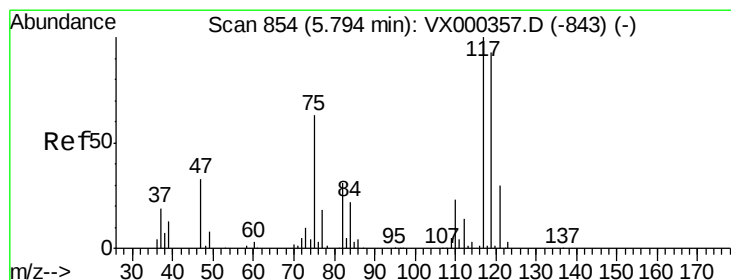
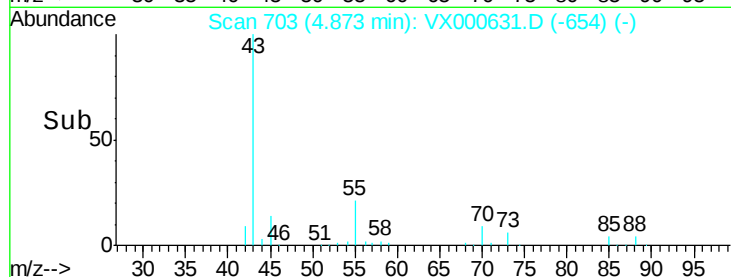
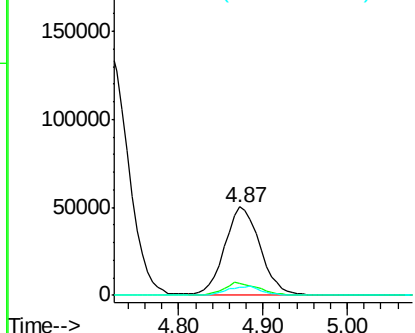
#37
Ethyl Acetate
Concen: 44.283 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000631.D
Acq: 01 Apr 2018 08:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 143992
Ion Ratio Lower Upper
43 100
61 13.8 11.1 16.7
70 9.6 7.7 11.5

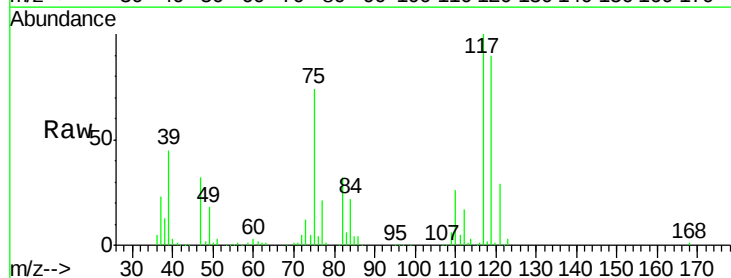


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

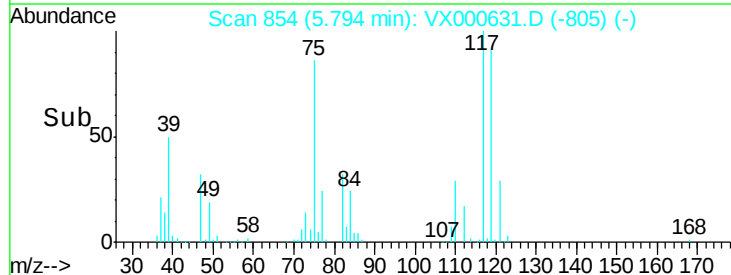
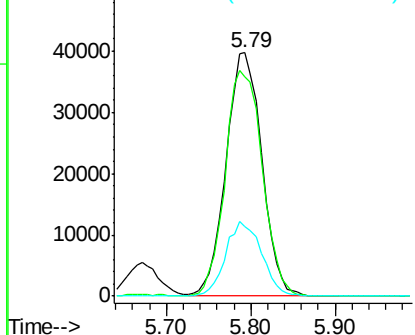


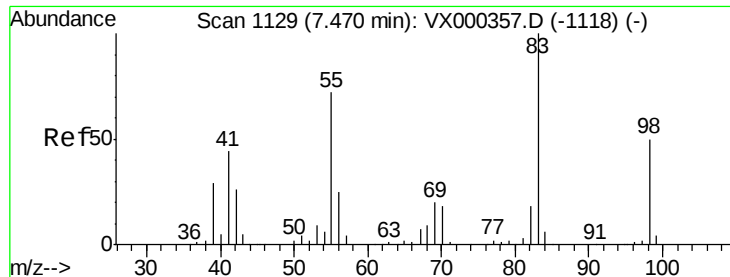
#38
Carbon Tetrachloride
Concen: 46.047 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000631.D
Acq: 01 Apr 2018 08:18

Tgt Ion: 117 Resp: 114996
Ion Ratio Lower Upper
117 100
119 90.3 77.4 116.2
121 28.6 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

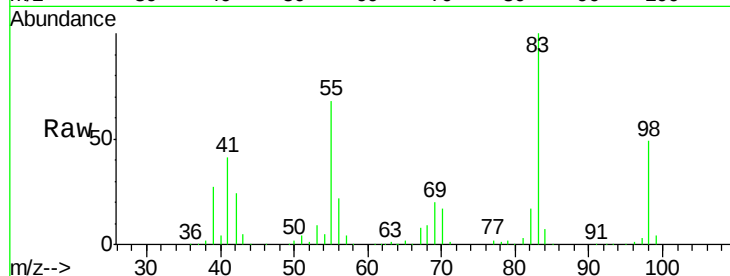




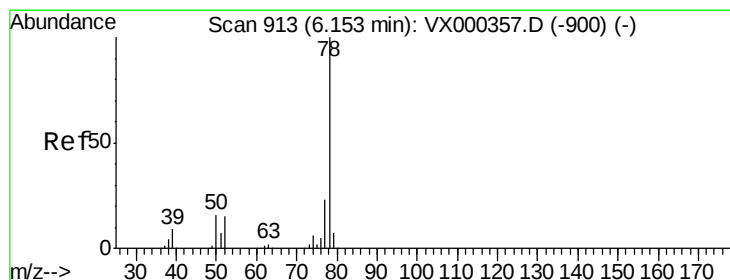
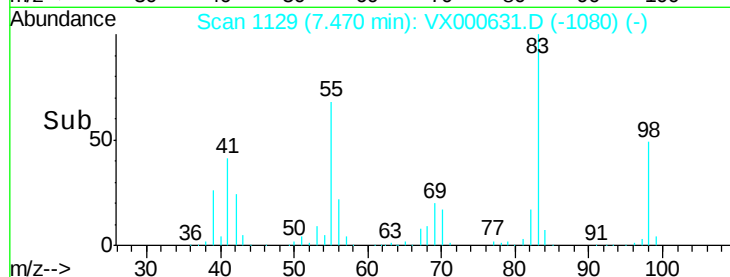
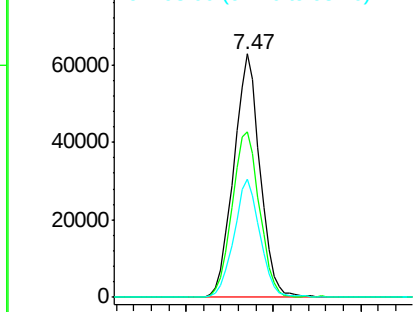
#39
Methvlcvclohexane
Concen: 45.427 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000631.D
Acq: 01 Apr 2018 08:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 131514
Ion Ratio Lower Upper
83 100
55 68.1 55.5 83.3
98 48.7 38.2 57.4

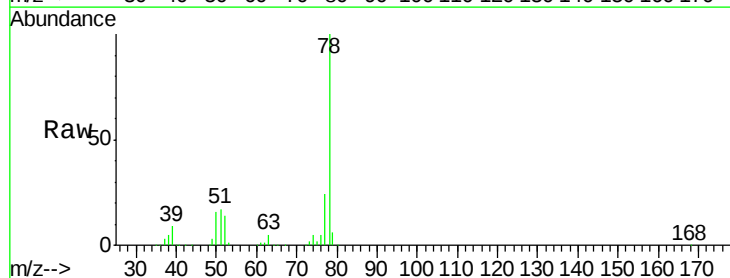


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

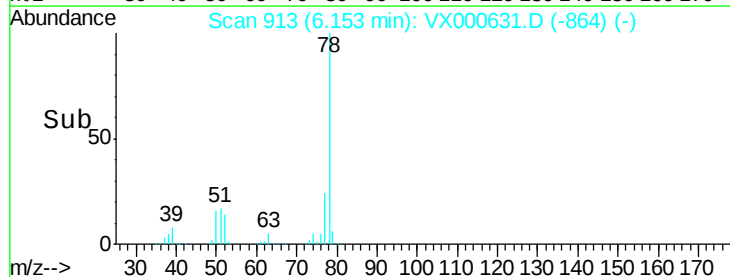
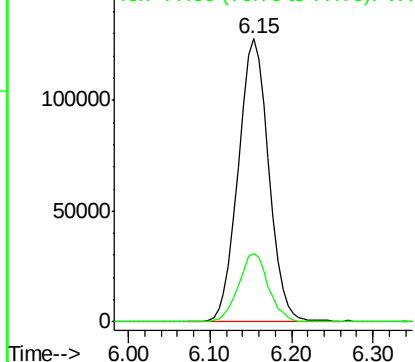


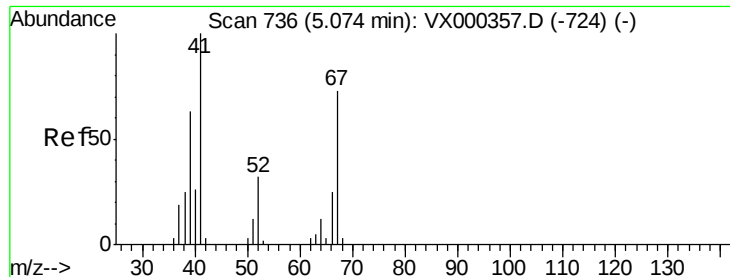
#40
Benzene
Concen: 48.012 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000631.D
Acq: 01 Apr 2018 08:18

Tgt Ion: 78 Resp: 331903
Ion Ratio Lower Upper
78 100
77 23.9 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 44.303 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 75948

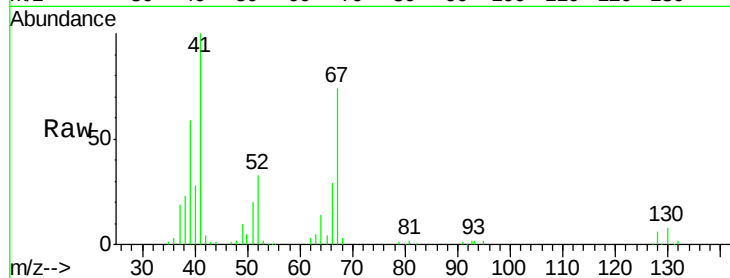
Ion Ratio Lower Upper

41 100

39 56.7 45.7 68.5

67 75.2 57.8 86.8

52 32.9 26.7 40.1

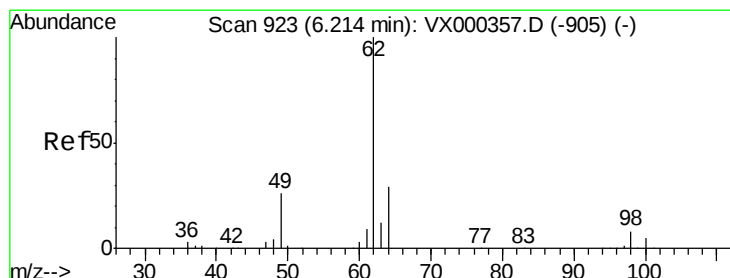
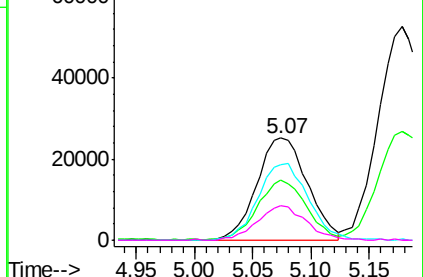
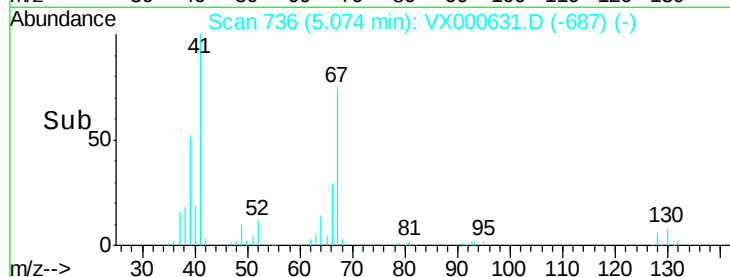


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 46.967 ug/l

RT: 6.21 min Scan# 922

Delta R.T. -0.01 min

Lab File: VX000631.D

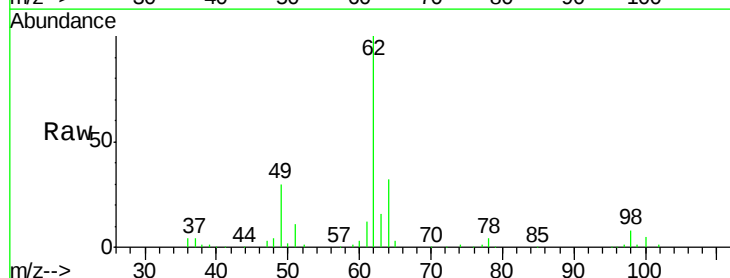
Acq: 01 Apr 2018 08:18

Tgt Ion: 62 Resp: 127391

Ion Ratio Lower Upper

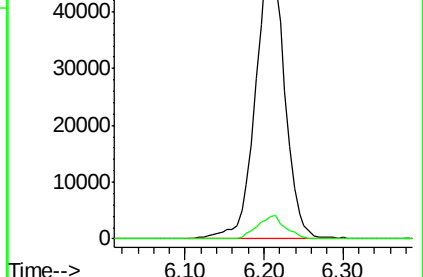
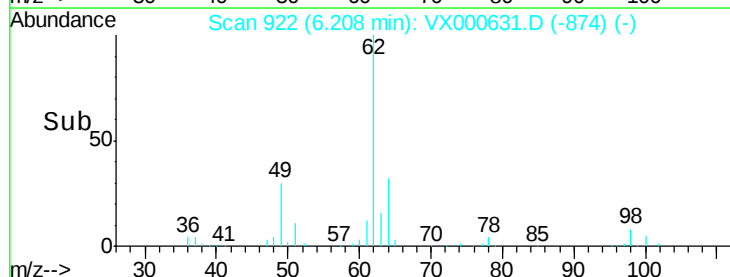
62 100

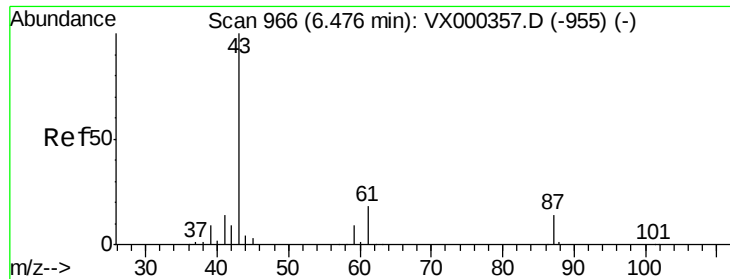
98 7.9 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 46.558 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

Instrument :

MSVOA_X

ClientSampleId :

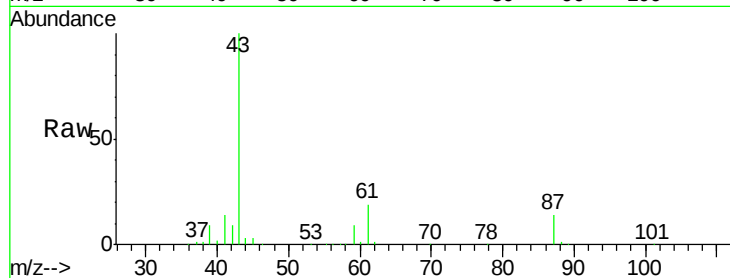
Tot Ion: 43 Resp: 225354

Ion Ratio Lower Upper

43 100

61 19.2 14.4 21.6

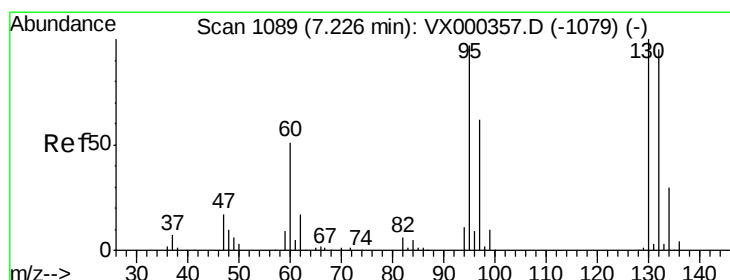
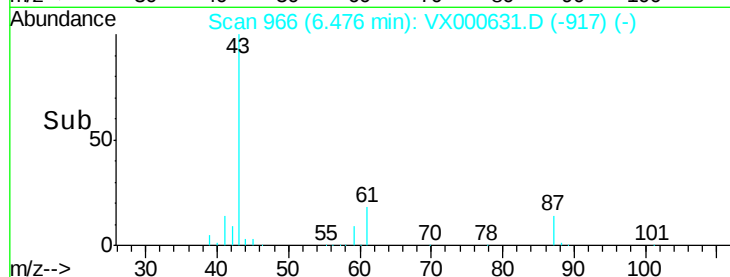
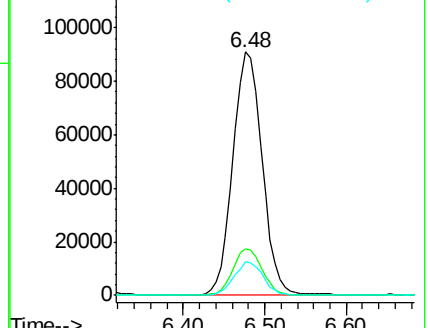
87 13.6 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.731 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000631.D

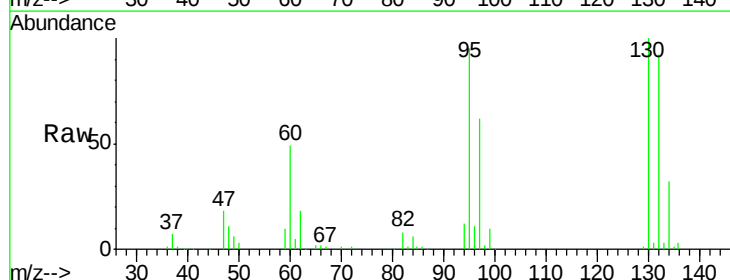
Acq: 01 Apr 2018 08:18

Tgt Ion: 130 Resp: 94531

Ion Ratio Lower Upper

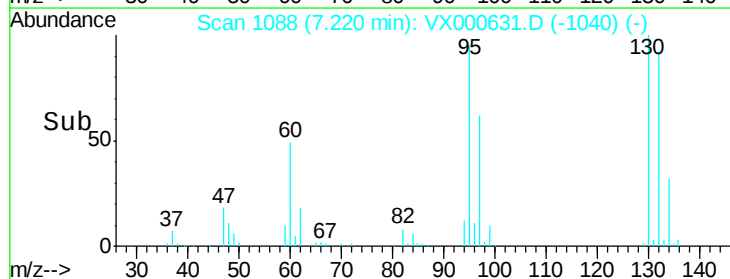
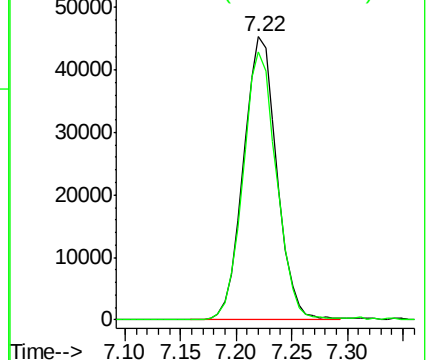
130 100

95 94.6 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.055 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

Instrument :

MSVOA_X

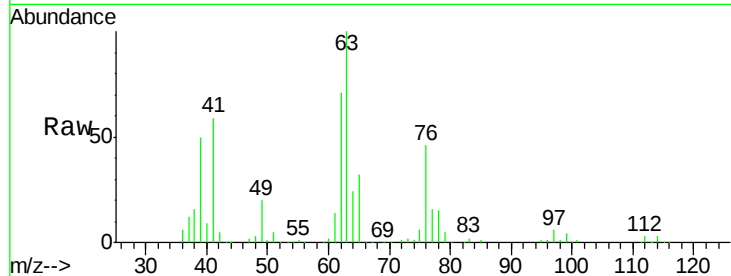
ClientSampled :

Tot Ion: 63 Resp: 86802

Ion Ratio Lower Upper

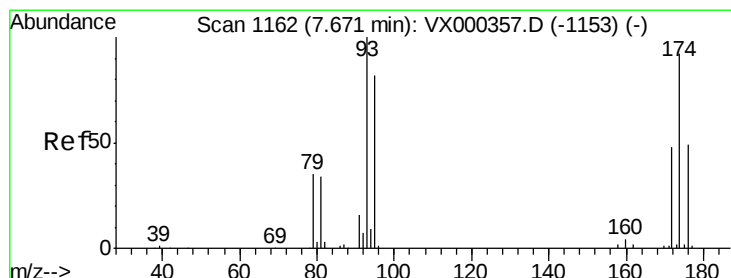
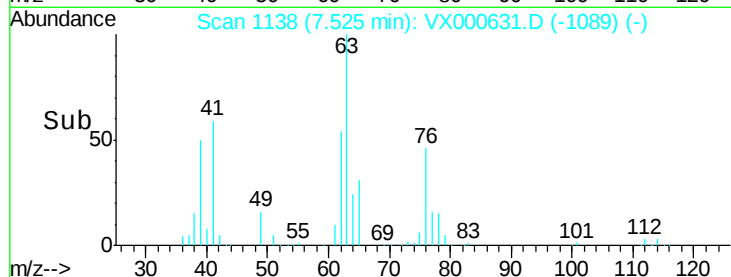
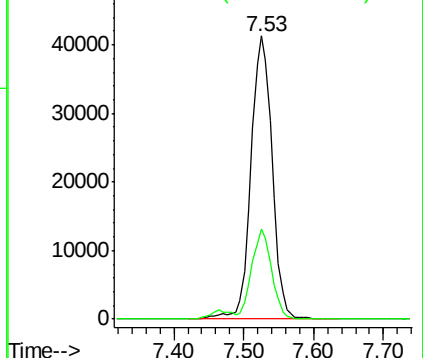
63 100

65 31.6 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.622 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

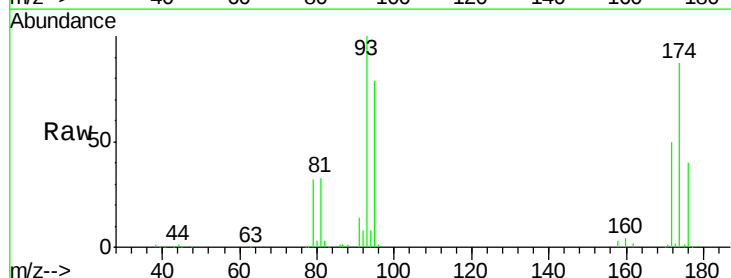
Tgt Ion: 93 Resp: 66143

Ion Ratio Lower Upper

93 100

95 81.3 66.5 99.7

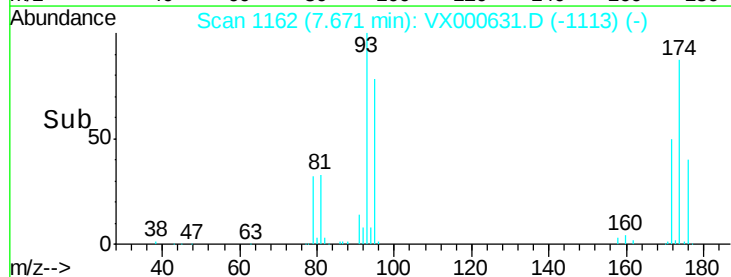
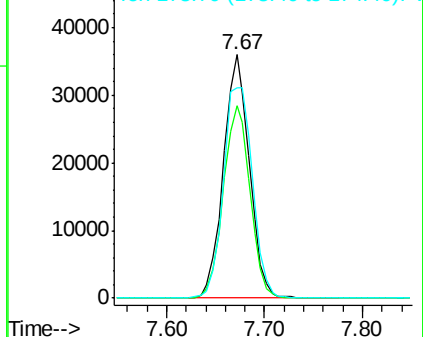
174 97.2 76.0 114.0

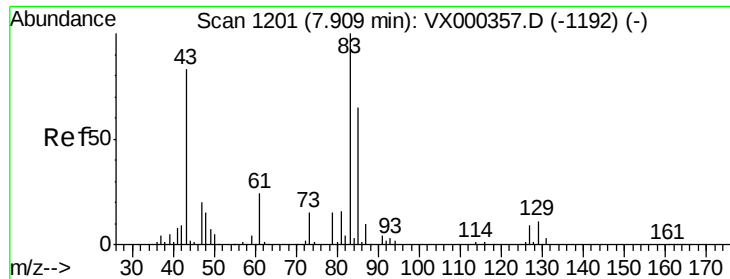


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.356 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

Instrument :
MSVOA_X
ClientSampleId :

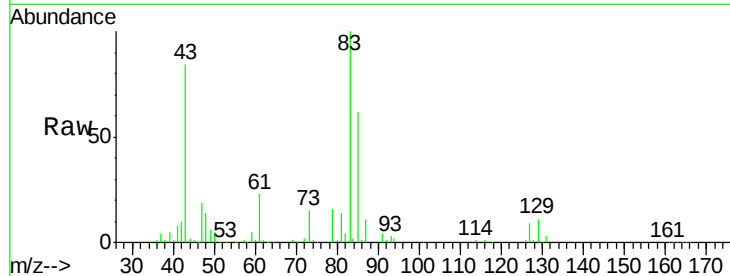
Tot Ion: 83 Resp: 120611

Ion Ratio Lower Upper

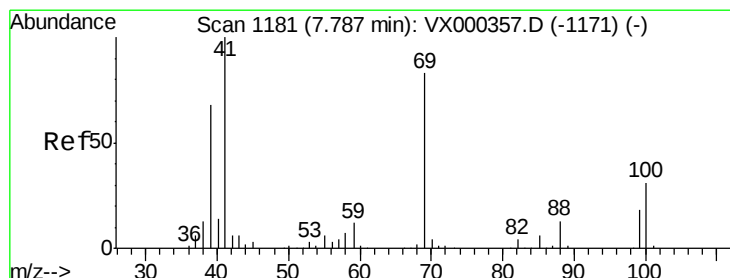
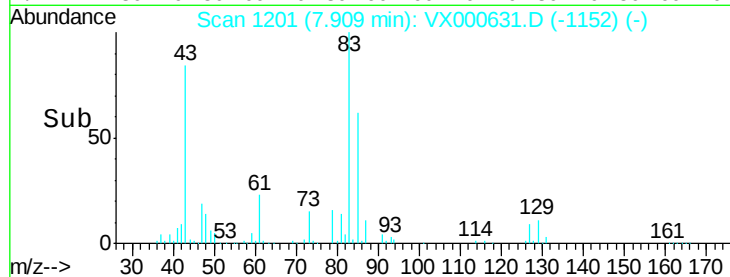
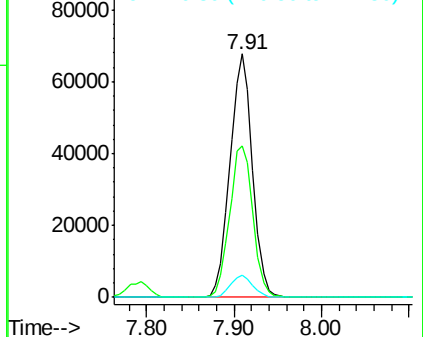
83 100

85 62.4 51.4 77.0

127 9.3 7.0 10.6



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: 47.429 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

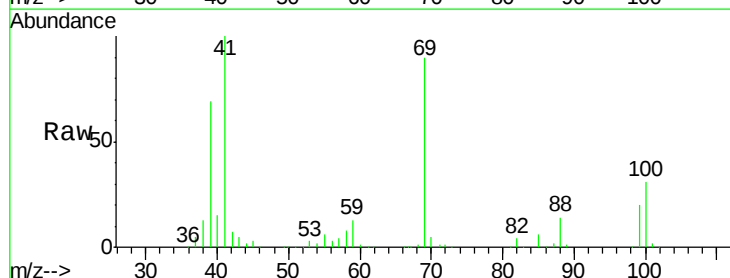
Tgt Ion: 41 Resp: 111453

Ion Ratio Lower Upper

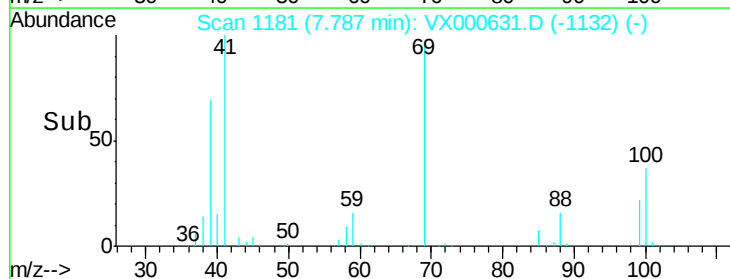
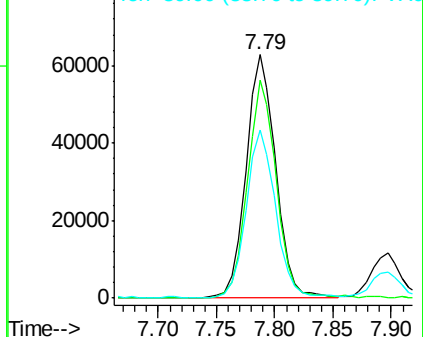
41 100

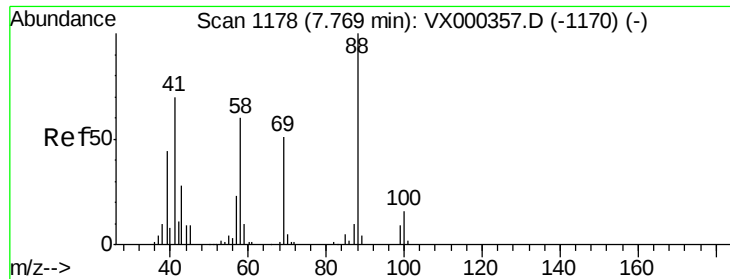
69 86.9 68.2 102.4

39 68.5 54.6 81.8



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

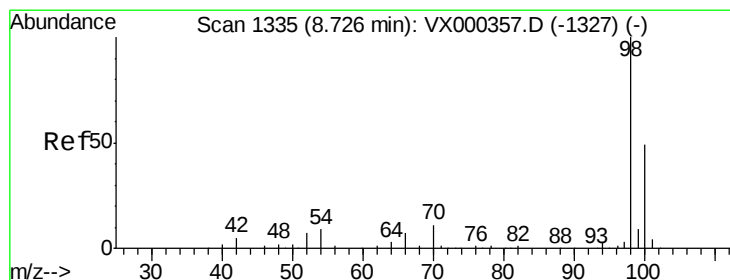
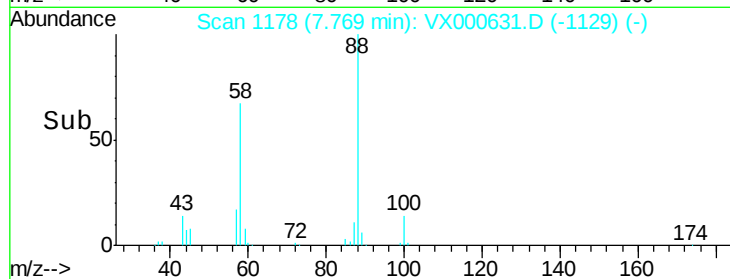
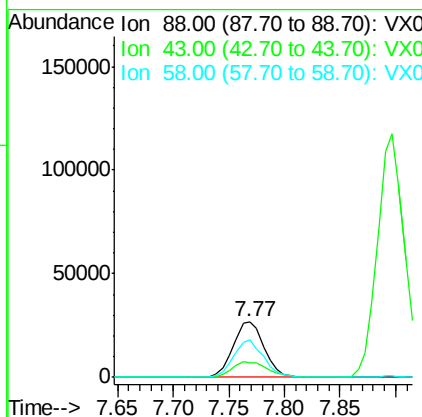
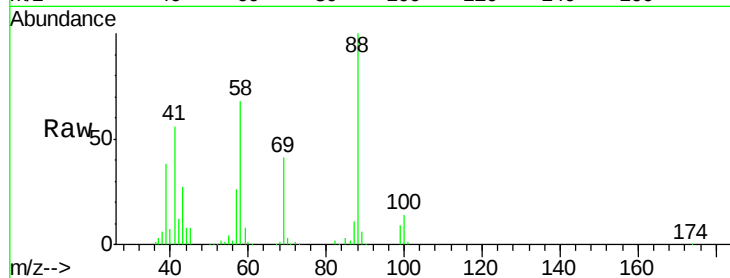




#49
1,4-Dioxane
Concen: 1050.997 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000631.D
Acq: 01 Apr 2018 08:18

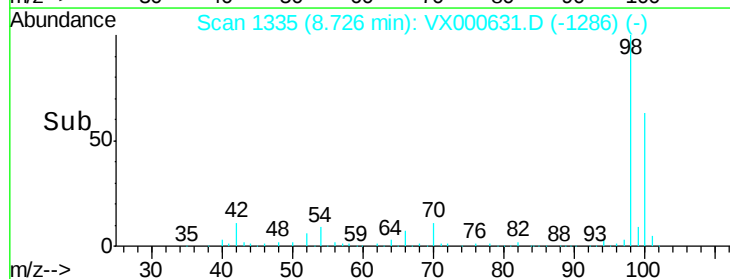
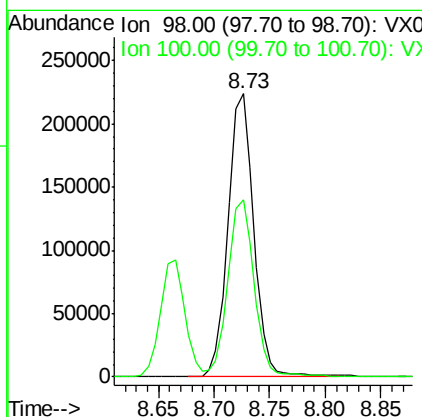
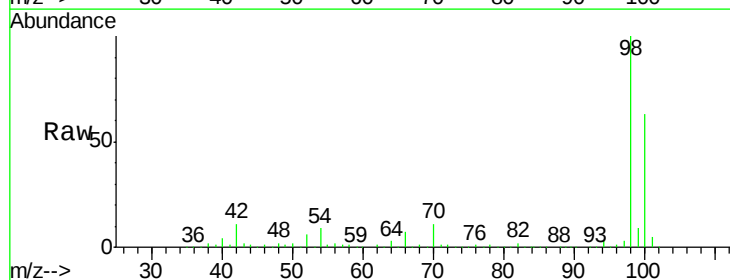
Instrument :
MSVOA_X
ClientSampleId :

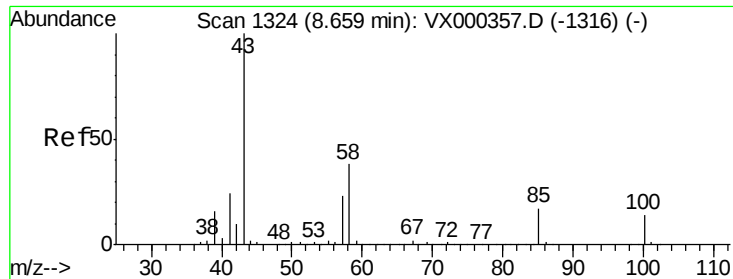
Tot Ion: 88 Resp: 51913
Ion Ratio Lower Upper
88 100
43 32.4 26.8 40.2
58 65.2 52.2 78.2



#50
Toluene-d8
Concen: 53.981 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000631.D
Acq: 01 Apr 2018 08:18

Tgt Ion: 98 Resp: 357989
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 241.000 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

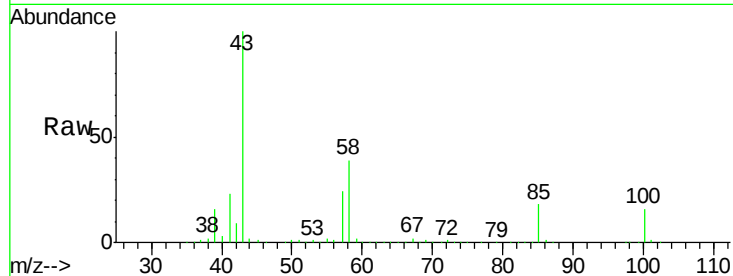
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 902914

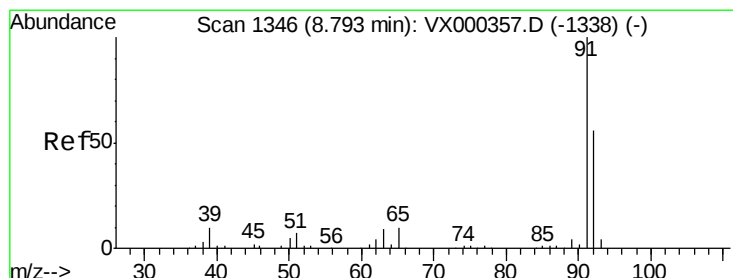
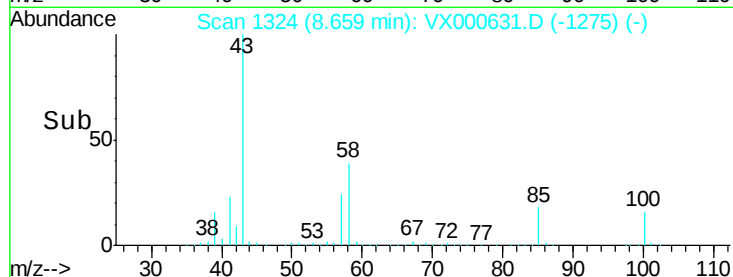
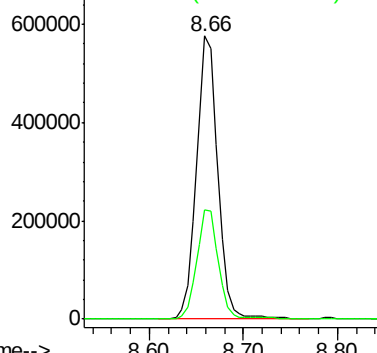
Ion Ratio Lower Upper

43 100

58 38.6 30.3 45.5



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



#52

Toluene

Concen: 51.710 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000631.D

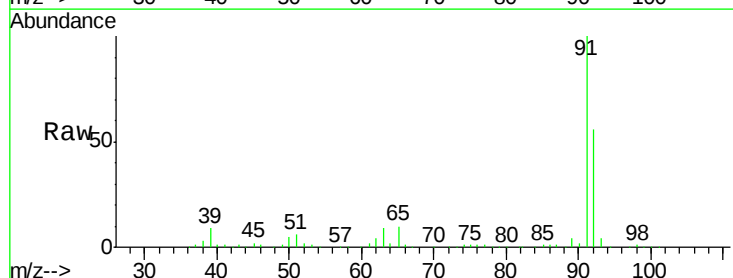
Acq: 01 Apr 2018 08:18

Tgt Ion: 92 Resp: 249908

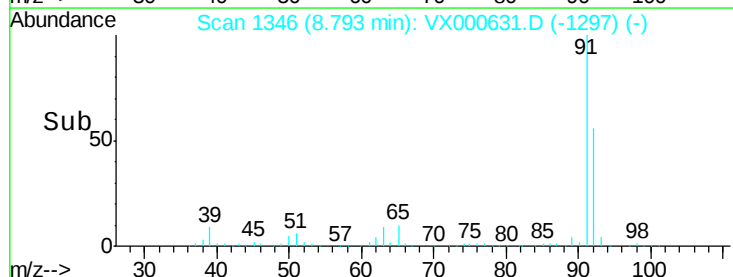
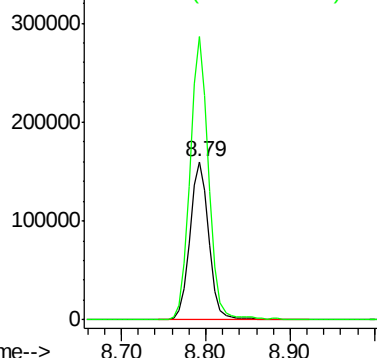
Ion Ratio Lower Upper

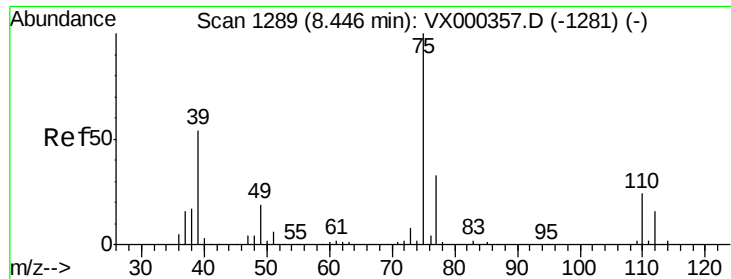
92 100

91 173.9 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 47.039 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

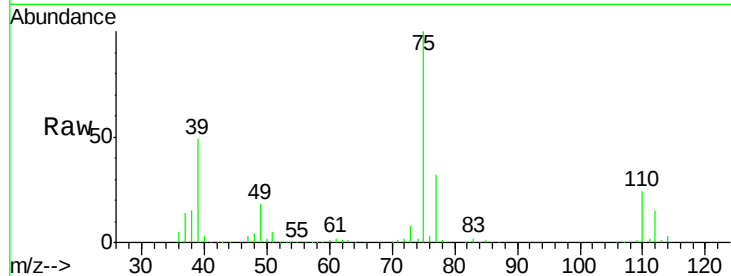
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 133201

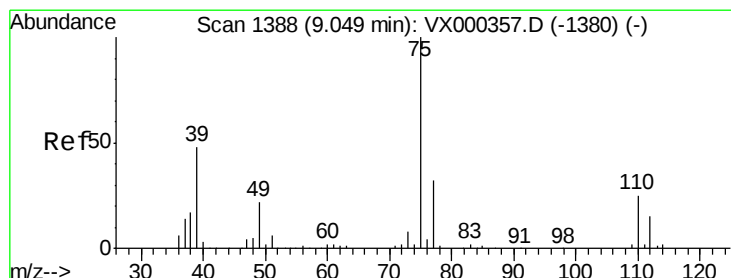
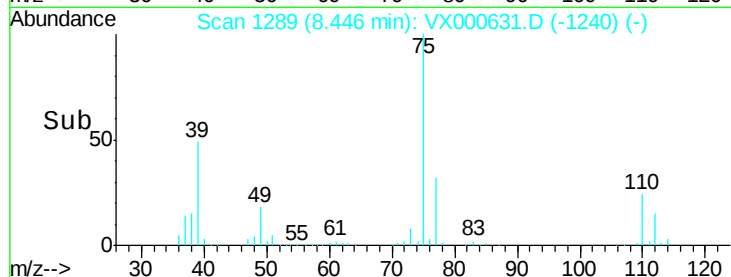
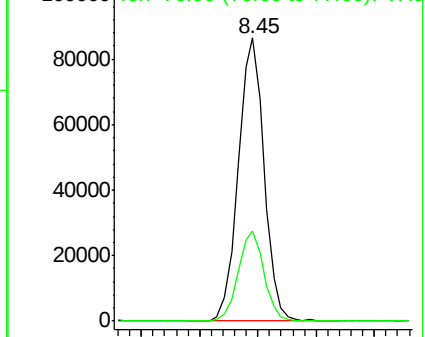
Ion Ratio Lower Upper

75 100

77 31.9 24.0 36.0



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: 48.006 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

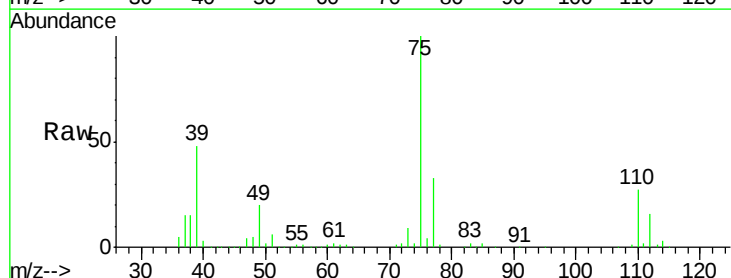
Tgt Ion: 75 Resp: 131863

Ion Ratio Lower Upper

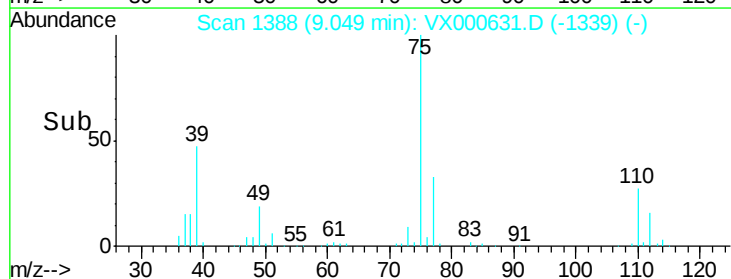
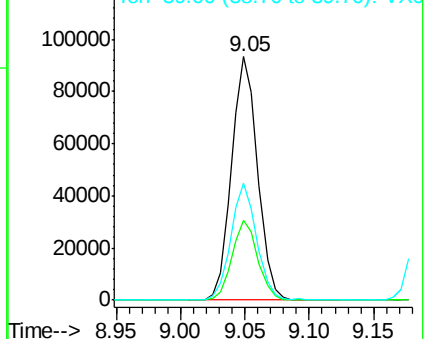
75 100

77 32.8 26.1 39.1

39 47.8 39.8 59.6



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

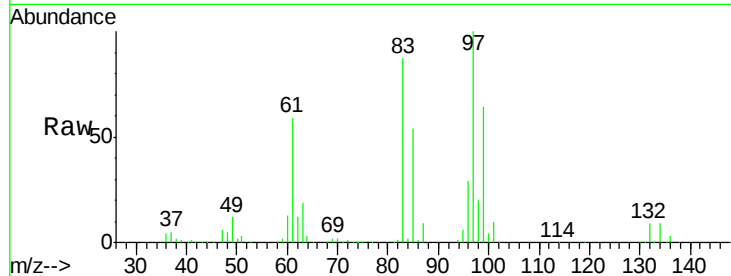




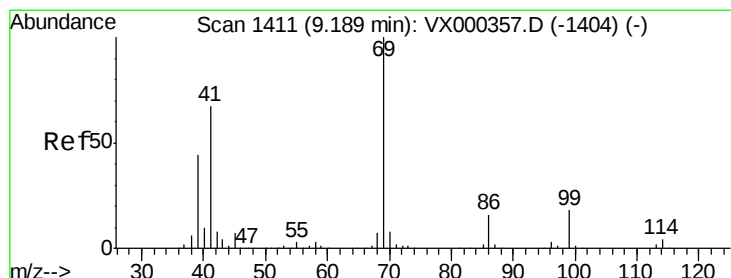
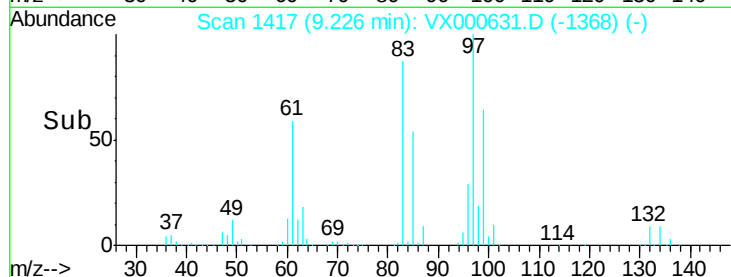
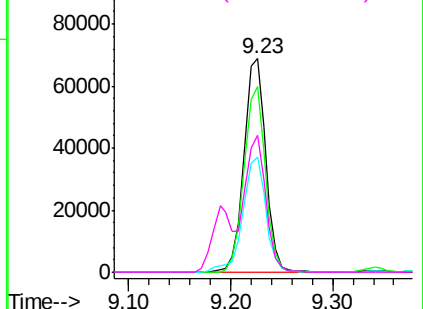
#55
 1,1,2-Trichloroethane
 Concen: 51.394 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000631.D
 Acq: 01 Apr 2018 08:18

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:	97	Resp:	102141
Ion	Ratio	Lower	Upper
97	100		
83	86.7	67.9	101.9
85	53.9	42.8	64.2
99	63.9	49.4	74.2

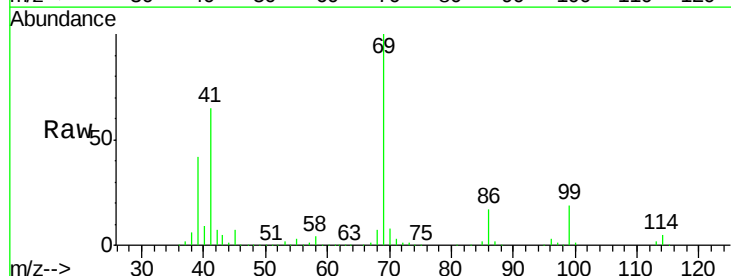


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

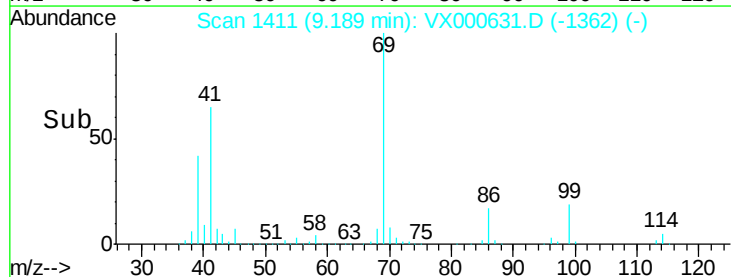
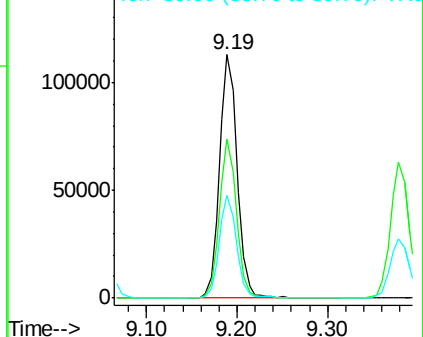


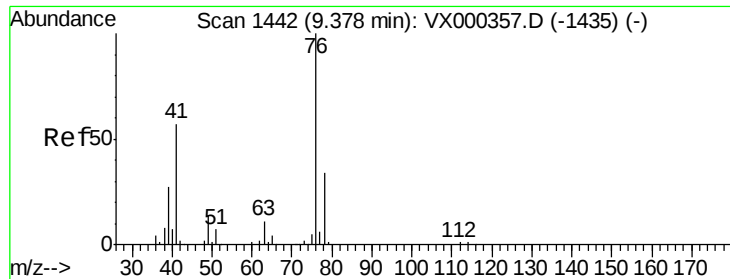
#56
 Ethyl methacrylate
 Concen: 51.172 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000631.D
 Acq: 01 Apr 2018 08:18

Tgt Ion:	69	Resp:	154108
Ion	Ratio	Lower	Upper
69	100		
41	63.1	53.0	79.6
39	41.1	35.3	52.9



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: 50.542 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

Instrument :

MSVOA_X

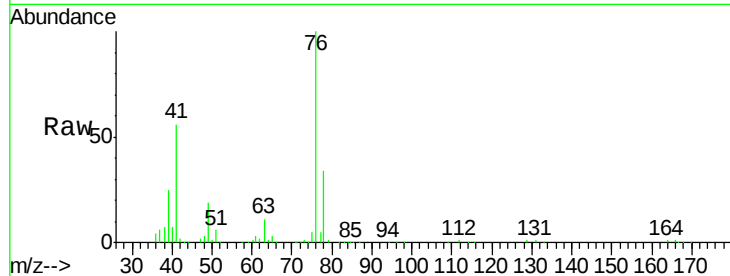
ClientSampleId :

Tot Ion: 76 Resp: 160662

Ion Ratio Lower Upper

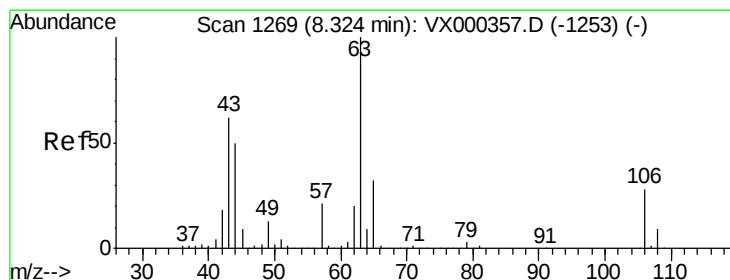
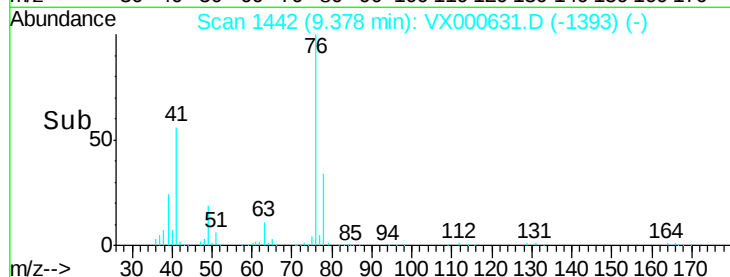
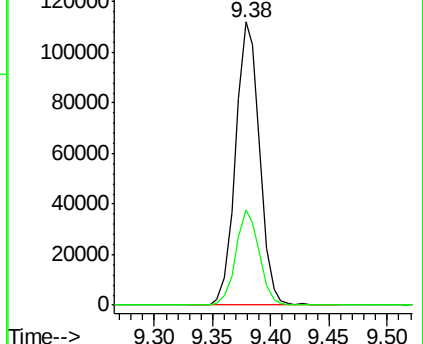
76 100

78 32.7 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 237.711 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000631.D

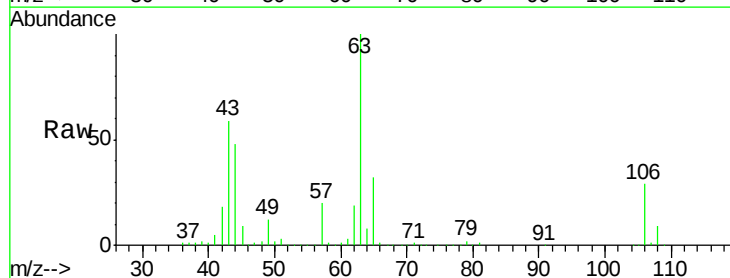
Acq: 01 Apr 2018 08:18

Tgt Ion: 63 Resp: 343582

Ion Ratio Lower Upper

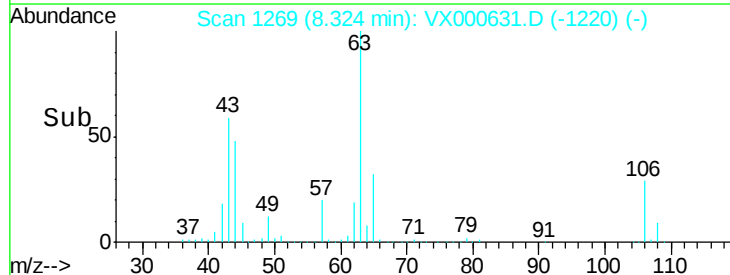
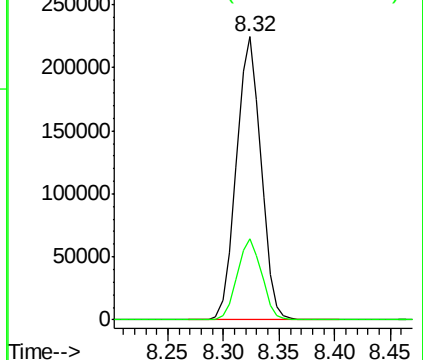
63 100

106 28.6 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

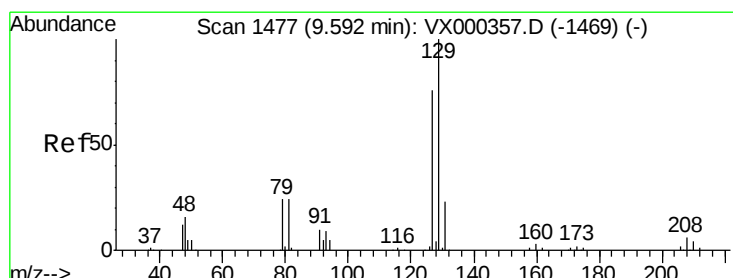
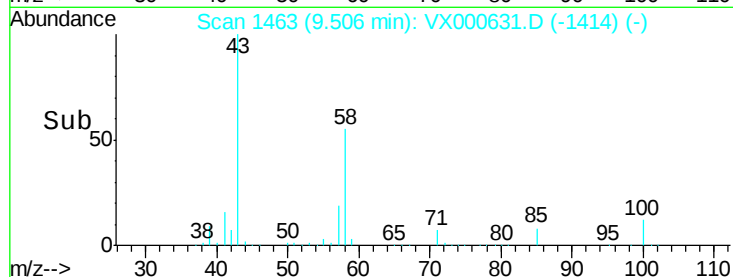
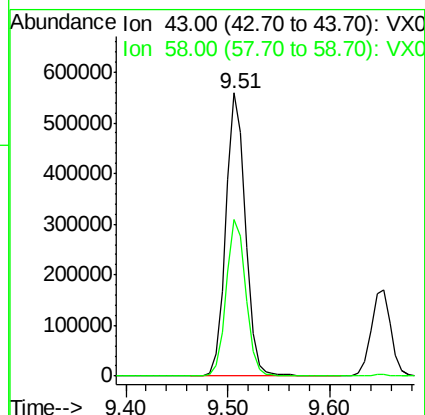
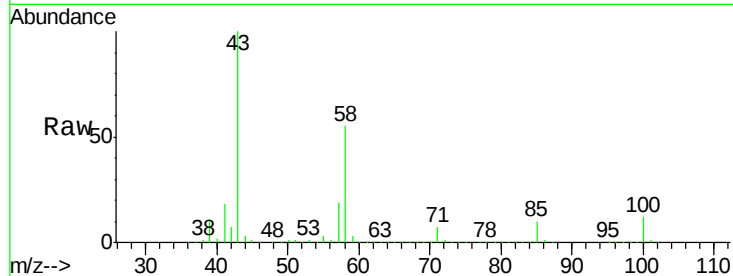




#59
2-Hexanone
Concen: 234.506 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000631.D
Acq: 01 Apr 2018 08:18

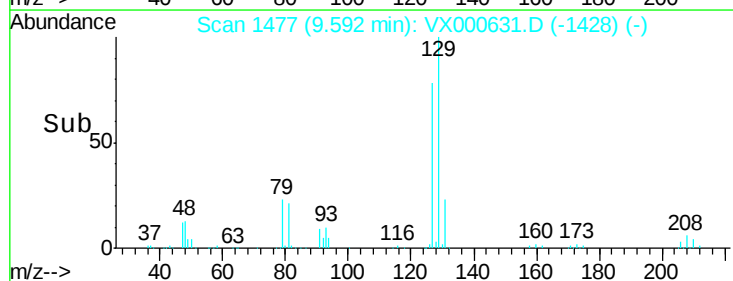
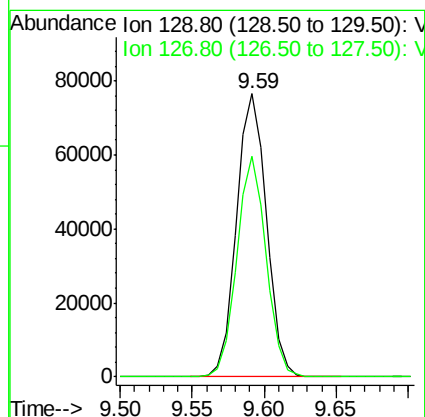
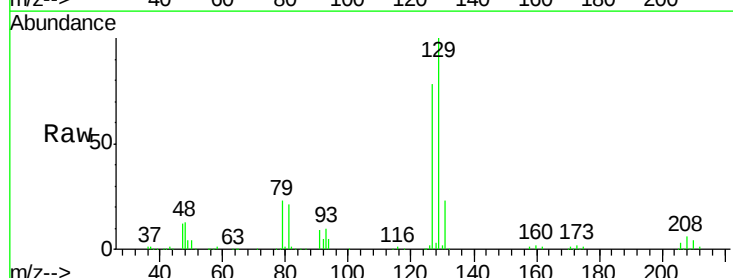
Instrument :
MSVOA_X
ClientSampleId :

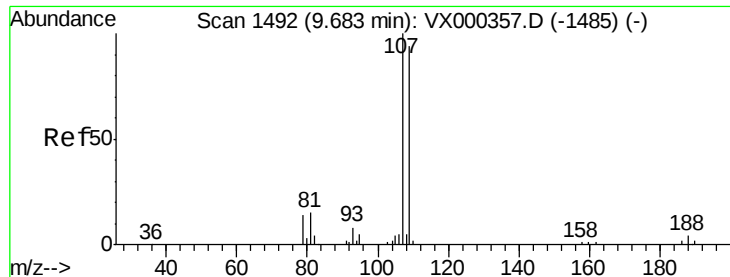
Tot Ion: 43 Resp: 746018
Ion Ratio Lower Upper
43 100
58 55.3 26.6 79.7



#60
Dibromochloromethane
Concen: 47.565 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000631.D
Acq: 01 Apr 2018 08:18

Tgt Ion:129 Resp: 111355
Ion Ratio Lower Upper
129 100
127 76.0 37.9 113.6





#61

1,2-Dibromoethane

Concen: 55.068 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

Instrument :

MSVOA_X

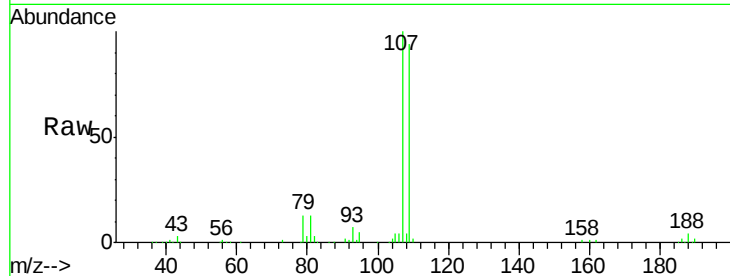
ClientSampleId :

Tot Ion:107 Resp: 117365

Ion Ratio Lower Upper

107 100

109 93.3 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

80000

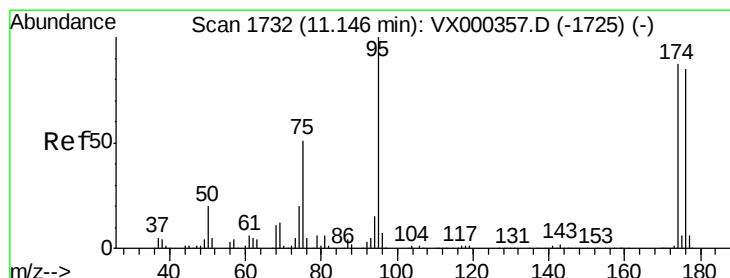
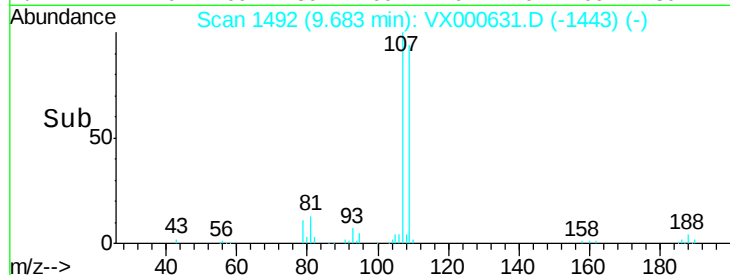
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.835 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

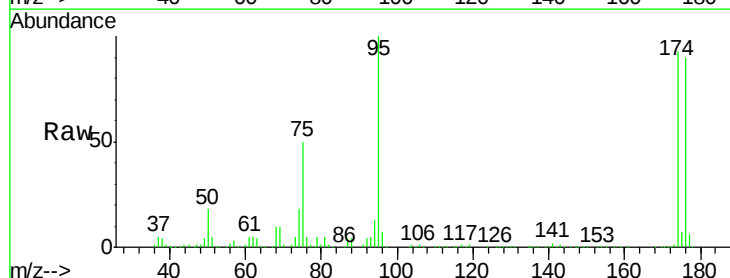
Tgt Ion: 95 Resp: 142812

Ion Ratio Lower Upper

95 100

174 91.6 0.0 173.6

176 89.0 0.0 164.6



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

11.15

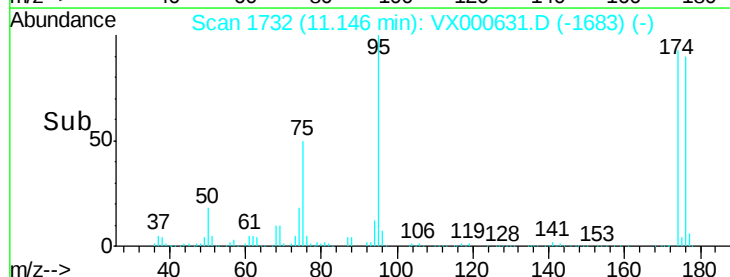
150000

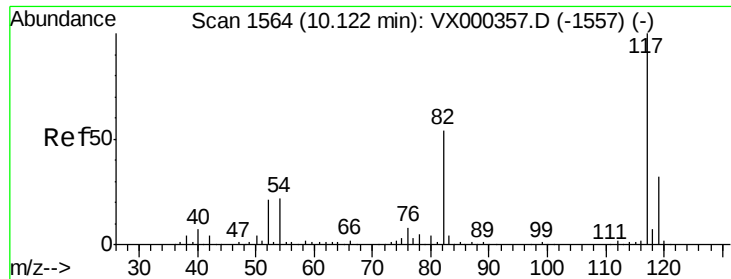
100000

50000

0

Time-->

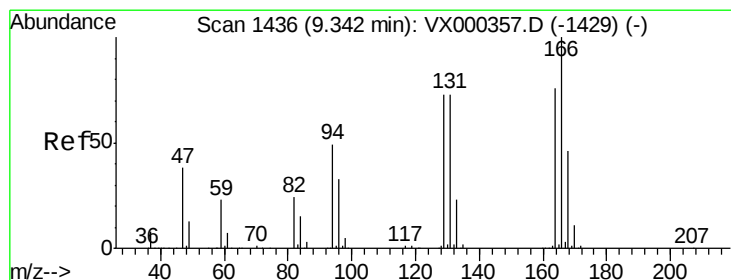
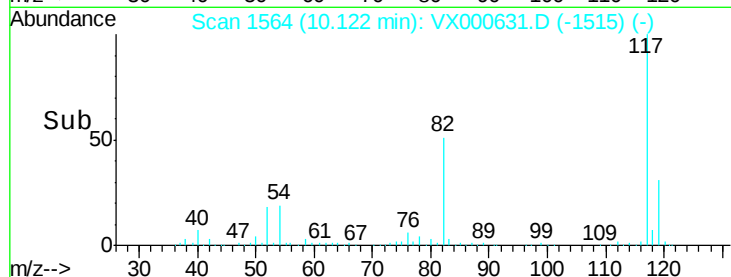
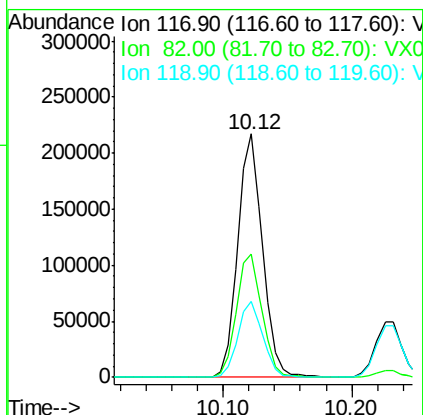
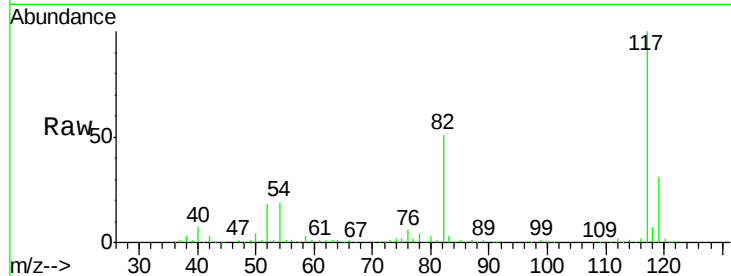




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000631.D
Acq: 01 Apr 2018 08:18

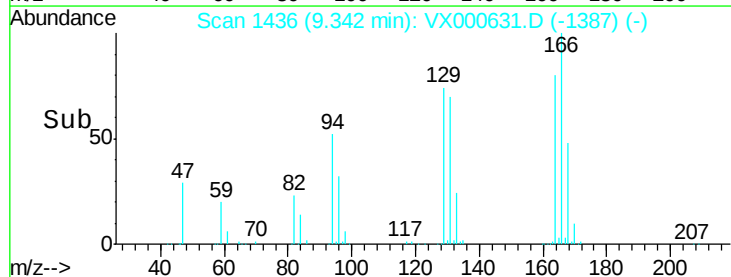
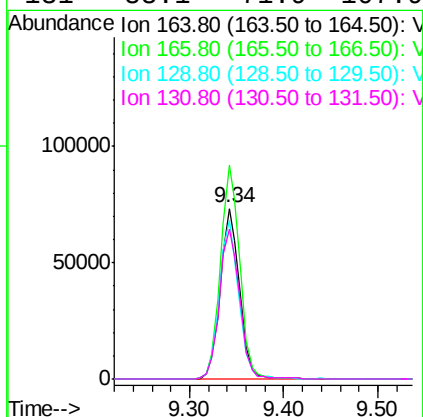
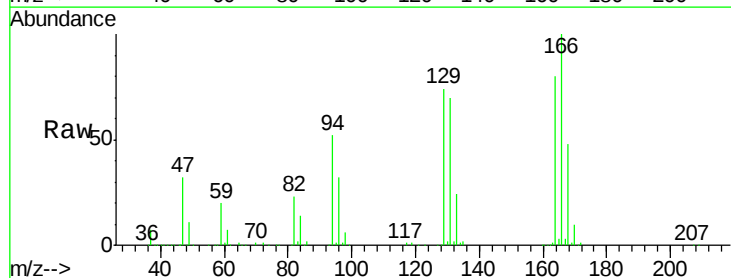
Instrument :
MSVOA_X
ClientSampled :

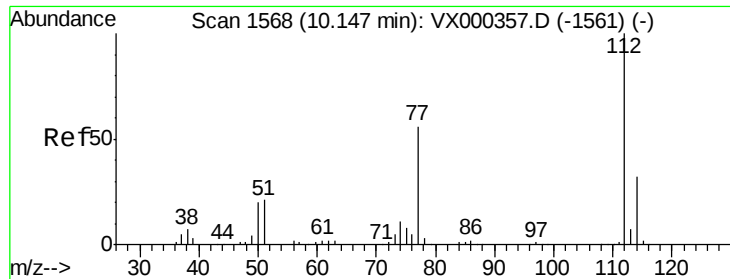
Tot Ion:117 Resp: 290254
Ion Ratio Lower Upper
117 100
82 50.9 43.8 65.8
119 31.2 24.9 37.3



#64
Tetrachloroethene
Concen: 46.141 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000631.D
Acq: 01 Apr 2018 08:18

Tgt Ion:164 Resp: 103927
Ion Ratio Lower Upper
164 100
166 125.3 101.0 151.6
129 93.2 79.0 118.4
131 88.1 71.9 107.9





#65

Chlorobenzene

Concen: 46.368 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

Instrument :

MSVOA_X

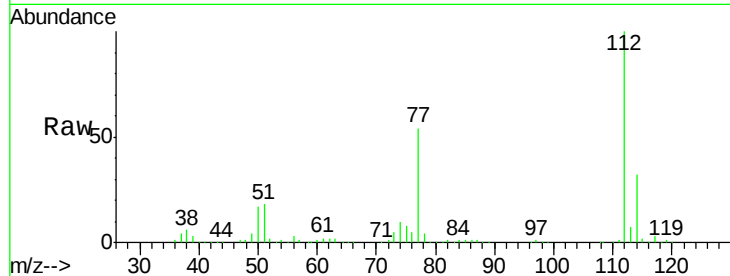
ClientSampled :

Tot Ion:112 Resp: 299512

Ion Ratio Lower Upper

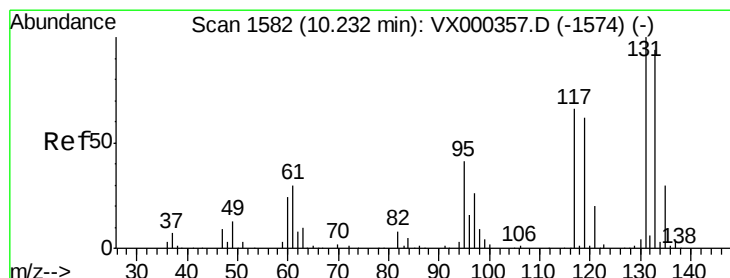
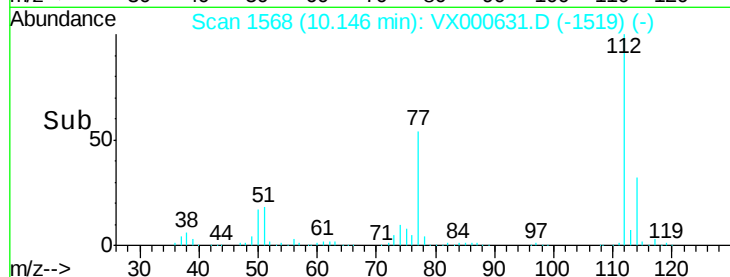
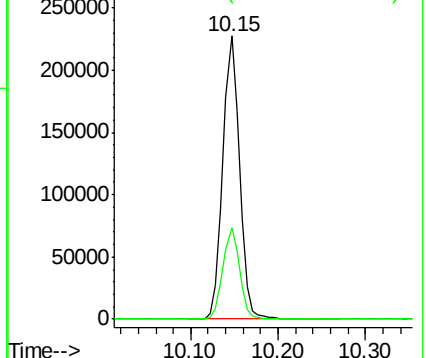
112 100

114 32.1 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 46.949 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

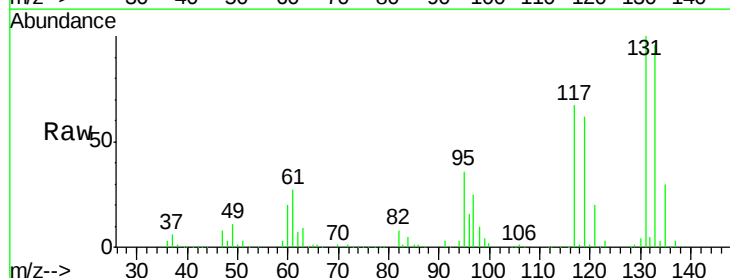
Tgt Ion:131 Resp: 102996

Ion Ratio Lower Upper

131 100

133 96.5 47.1 141.3

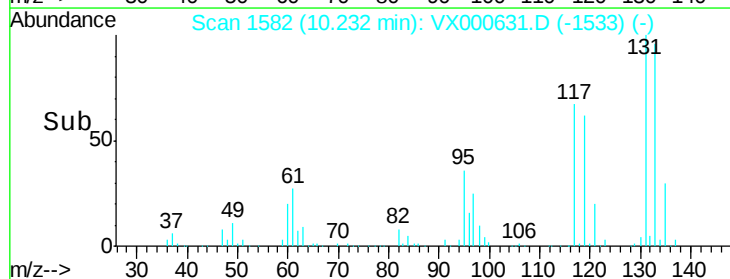
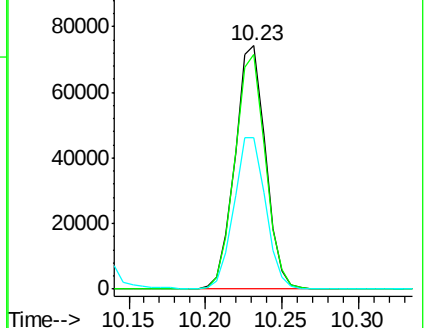
119 64.2 33.1 99.2

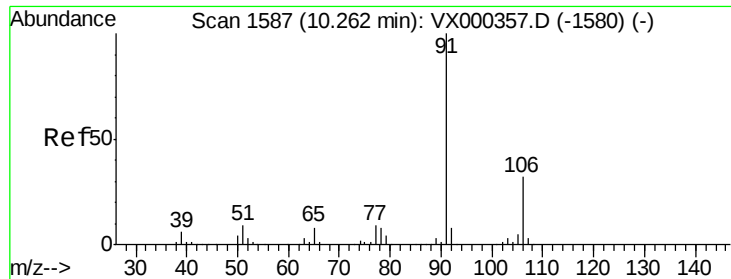


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

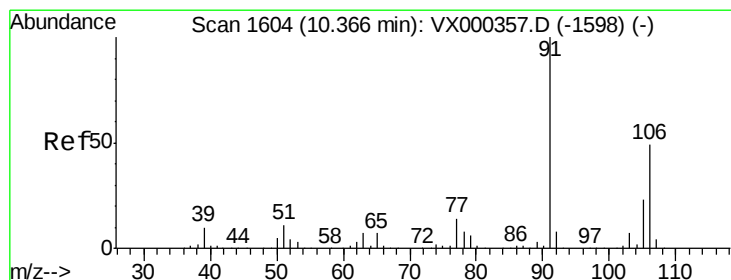
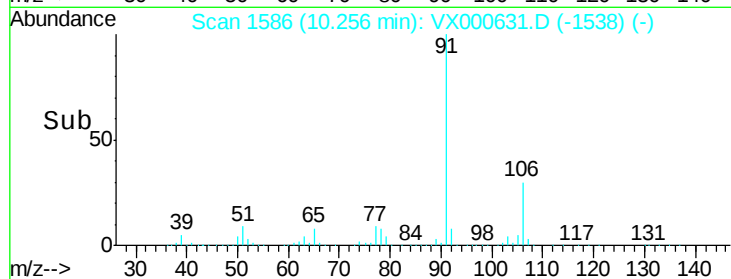
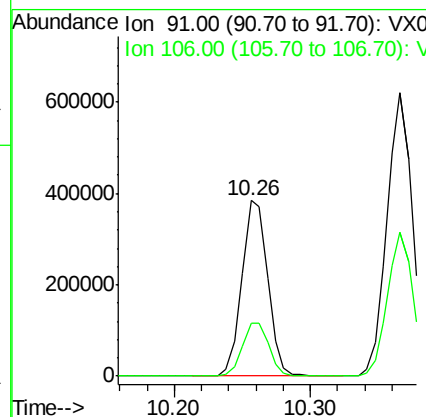
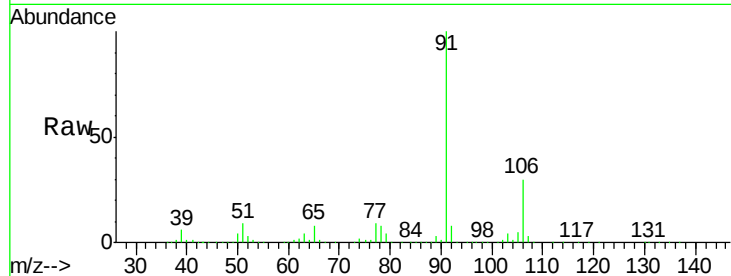




#67
Ethvl Benzene
Concen: 46.713 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000631.D
Acq: 01 Apr 2018 08:18

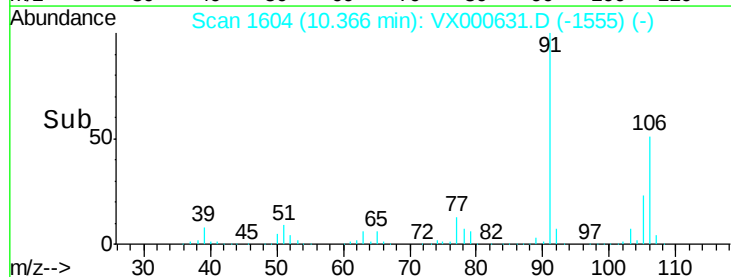
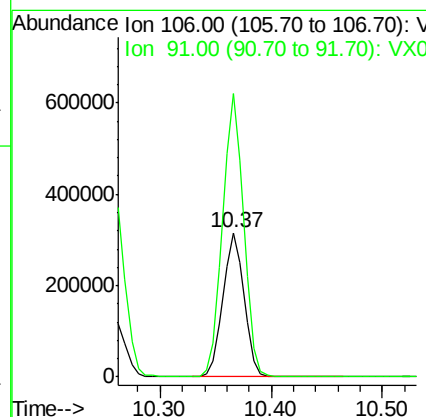
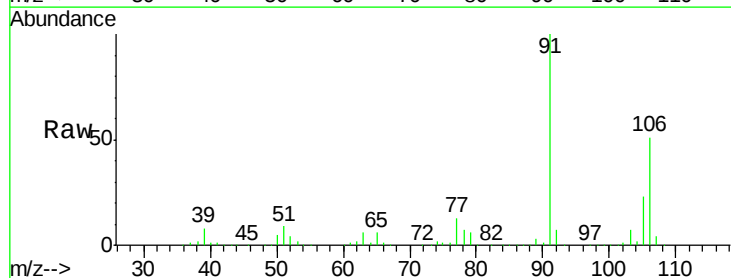
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 511505
Ion Ratio Lower Upper
91 100
106 30.3 25.0 37.6



#68
m/p-Xylenes
Concen: 95.727 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000631.D
Acq: 01 Apr 2018 08:18

Tgt Ion:106 Resp: 412469
Ion Ratio Lower Upper
106 100
91 196.4 163.4 245.2

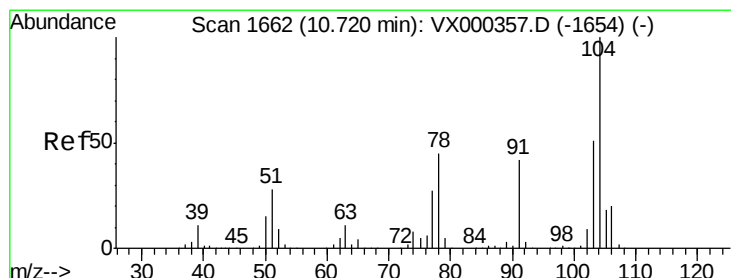
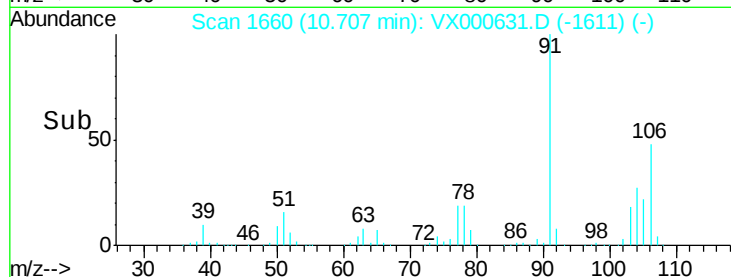
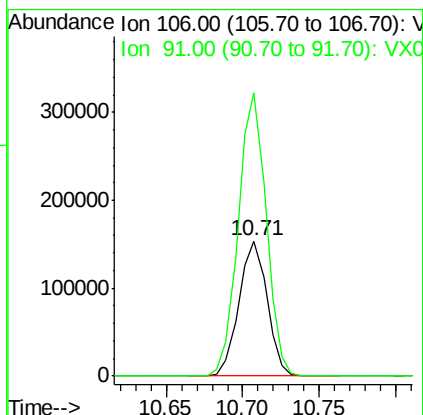
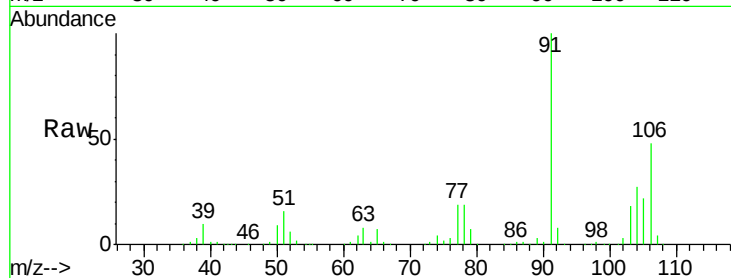




#69
o-Xylene
Concen: 47.141 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000631.D
Acq: 01 Apr 2018 08:18

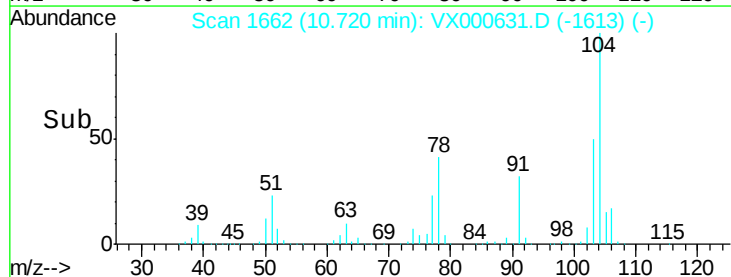
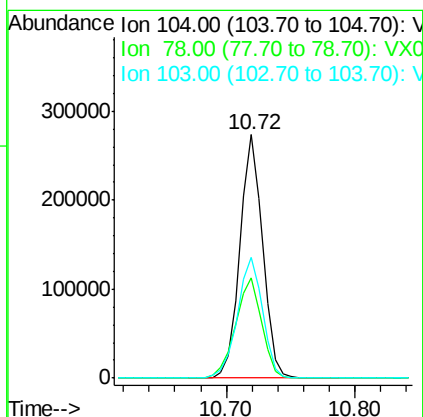
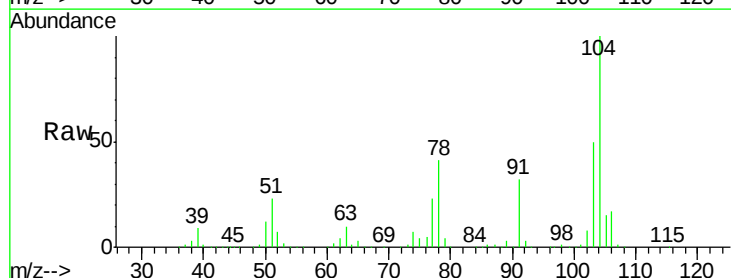
Instrument :
MSVOA_X
ClientSampled :

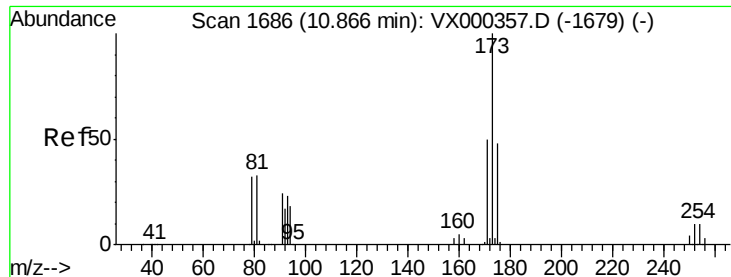
Tot Ion:106 Resp: 196669
Ion Ratio Lower Upper
106 100
91 207.4 106.5 319.6



#70
Styrene
Concen: 48.353 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000631.D
Acq: 01 Apr 2018 08:18

Tgt Ion:104 Resp: 333783
Ion Ratio Lower Upper
104 100
78 47.4 40.5 60.7
103 55.2 45.7 68.5





#71

Bromoform

Concen: 40.564 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

Instrument :

MSVOA_X

ClientSampleId :

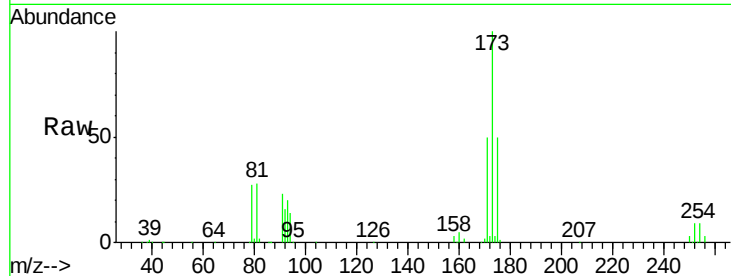
Tot Ion:173 Resp: 90451

Ion Ratio Lower Upper

173 100

175 48.0 25.4 76.4

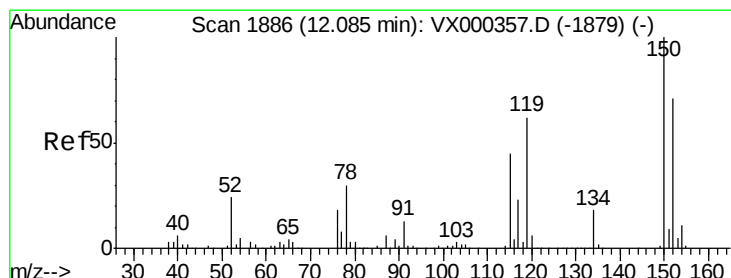
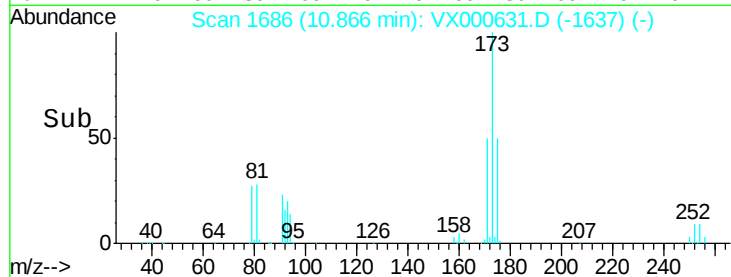
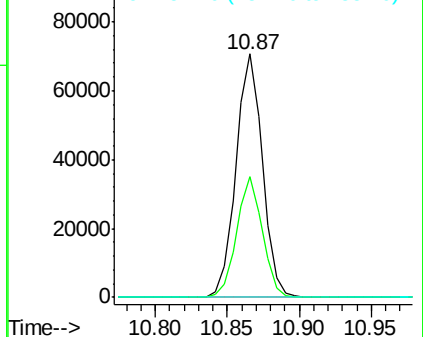
254 0.0 0.0 0.0



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: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

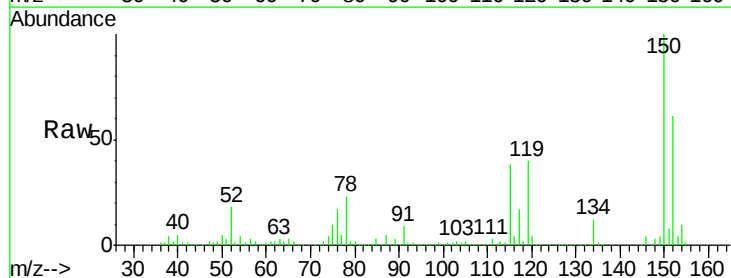
Tgt Ion:152 Resp: 177159

Ion Ratio Lower Upper

152 100

115 78.1 39.8 119.3

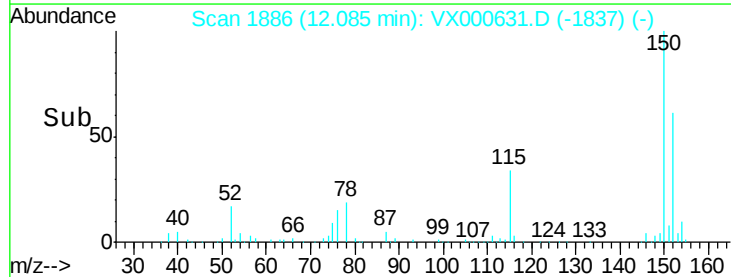
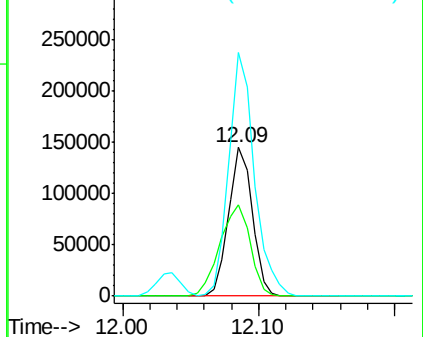
150 176.1 0.0 344.4

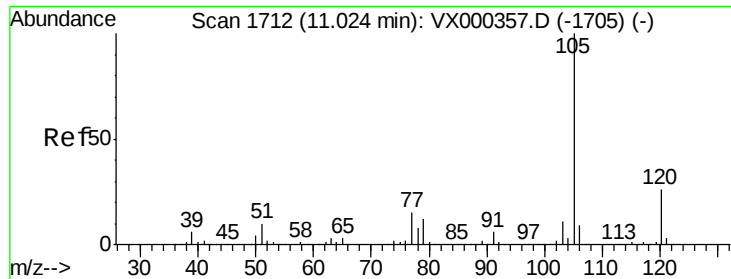


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.746 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

Instrument :

MSVOA_X

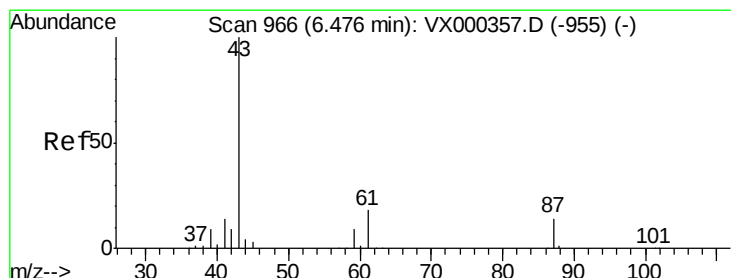
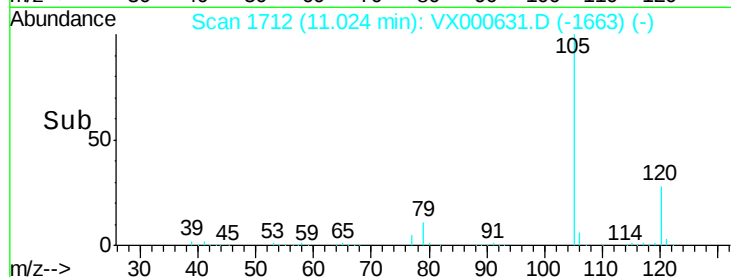
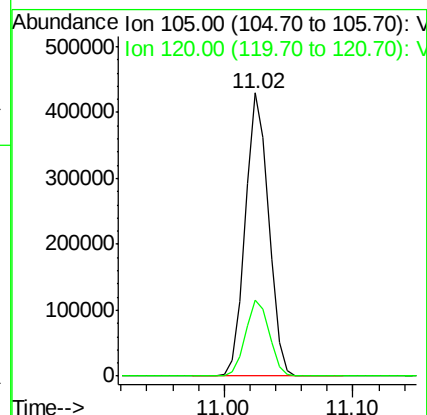
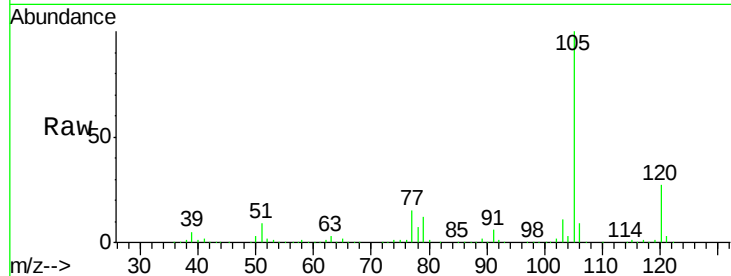
ClientSampleId :

Tot Ion:105 Resp: 536962

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.7



#74

N-ethyl acetate

Concen: 43.626 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

Tgt Ion: 43 Resp: 225354

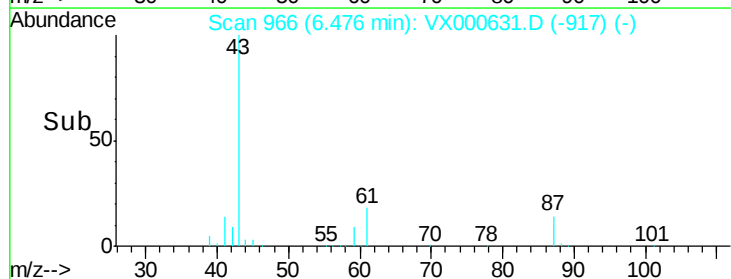
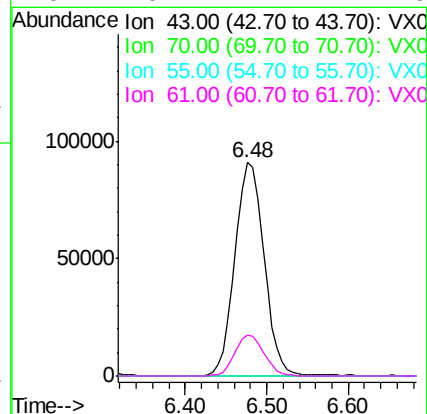
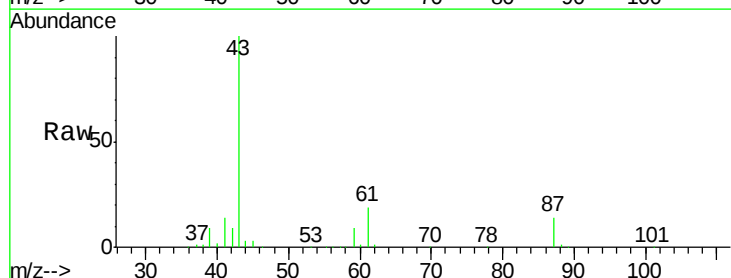
Ion Ratio Lower Upper

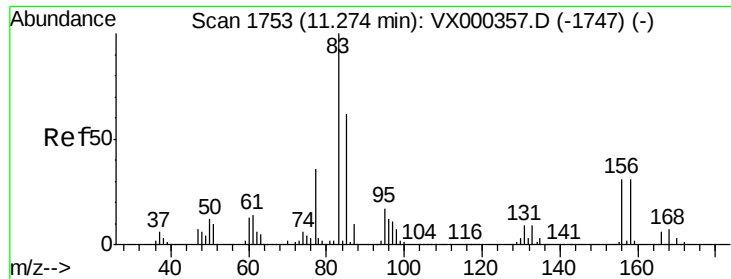
43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 19.2 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 45.104 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

Instrument :

MSVOA_X

ClientSampleId :

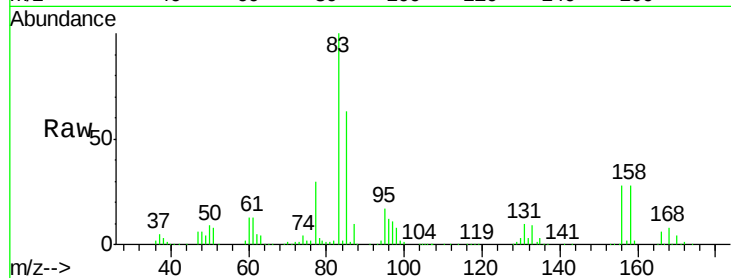
Tot Ion: 83 Resp: 187257

Ion Ratio Lower Upper

83 100

131 10.8 5.0 14.9

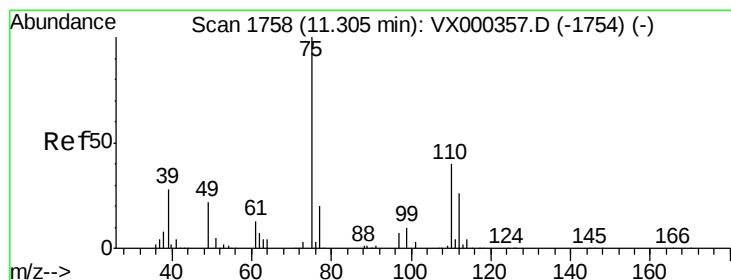
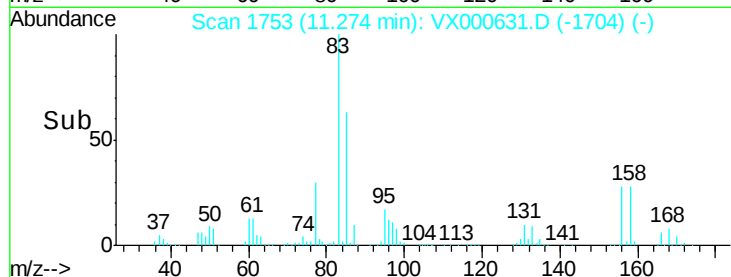
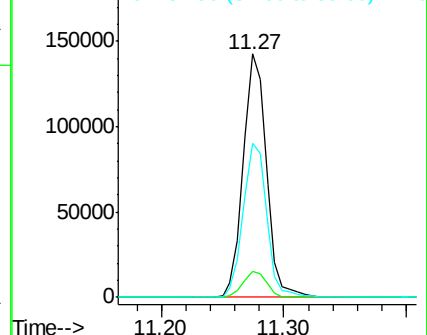
85 64.3 32.5 97.5



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: 53.427 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000631.D

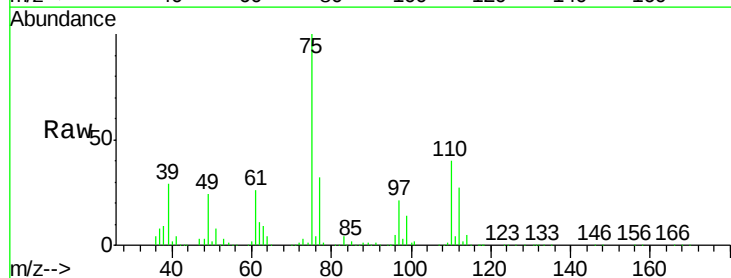
Acq: 01 Apr 2018 08:18

Tgt Ion: 75 Resp: 203416

Ion Ratio Lower Upper

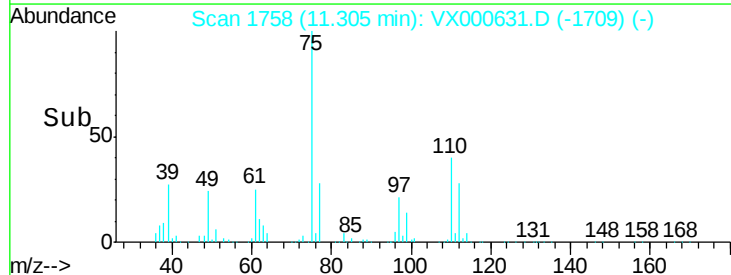
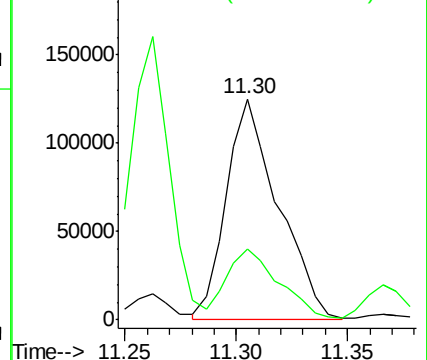
75 100

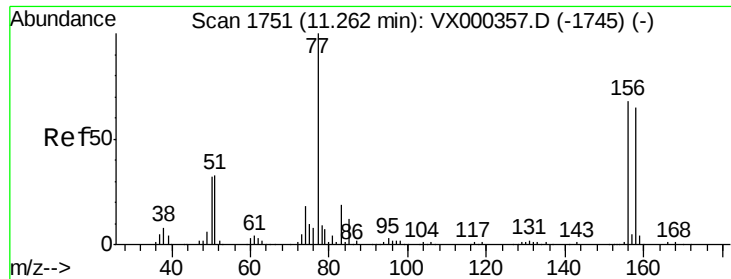
77 32.4 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 45.753 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

Instrument :

MSVOA_X

ClientSampleId :

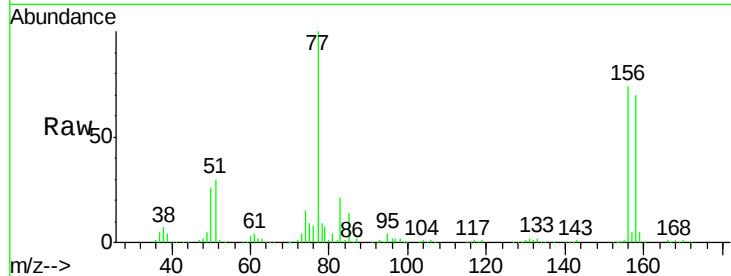
Tot Ion:156 Resp: 143067

Ion Ratio Lower Upper

156 100

77 138.4 73.4 220.2

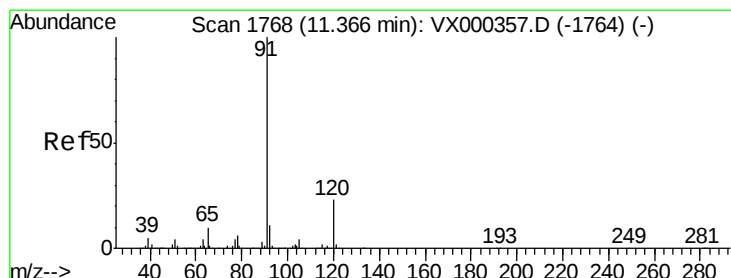
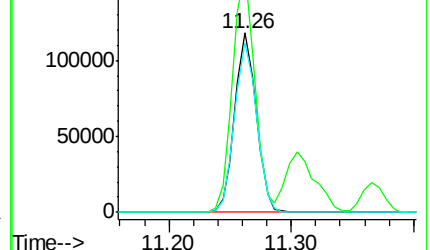
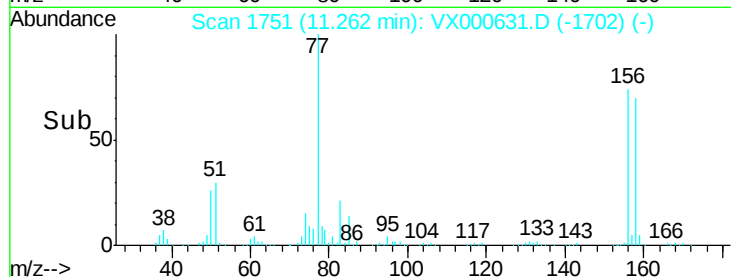
158 96.9 48.5 145.6



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: 44.878 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000631.D

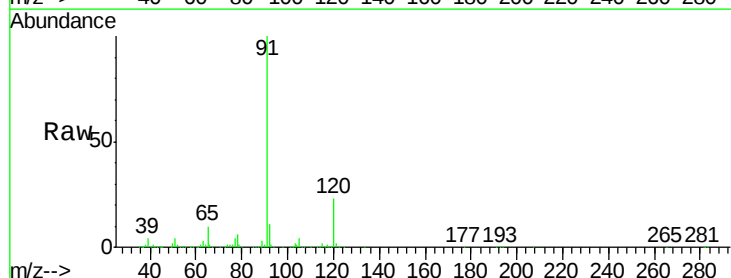
Acq: 01 Apr 2018 08:18

Tgt Ion: 91 Resp: 628123

Ion Ratio Lower Upper

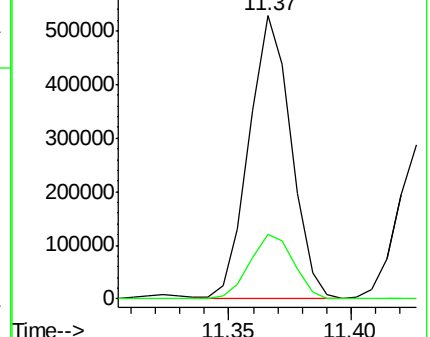
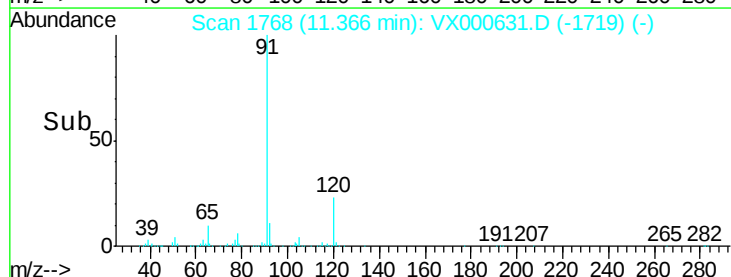
91 100

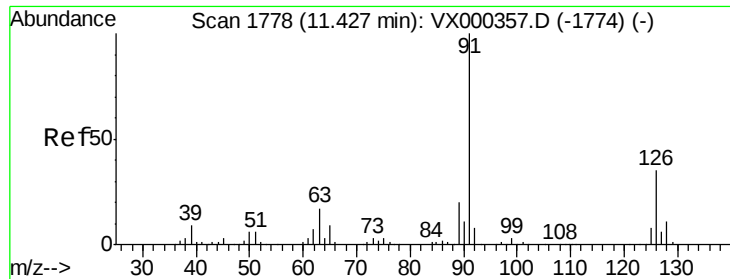
120 24.1 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 44.030 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

Instrument :

MSVOA_X

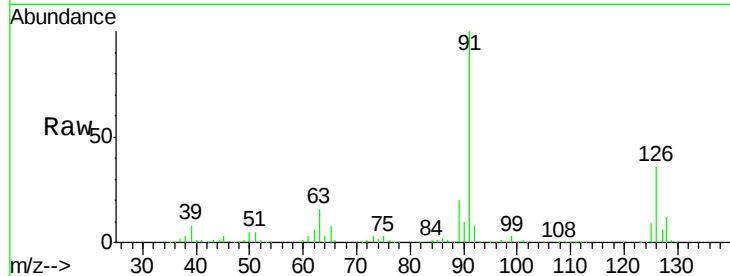
ClientSampleId :

Tot Ion: 91 Resp: 356009

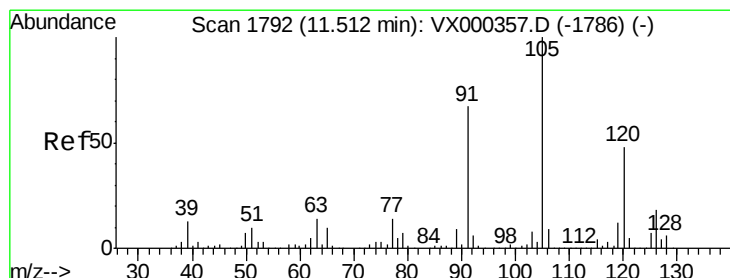
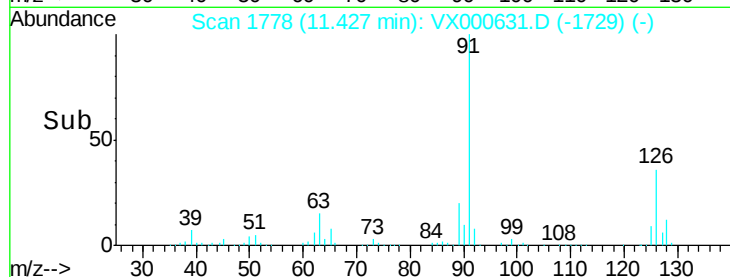
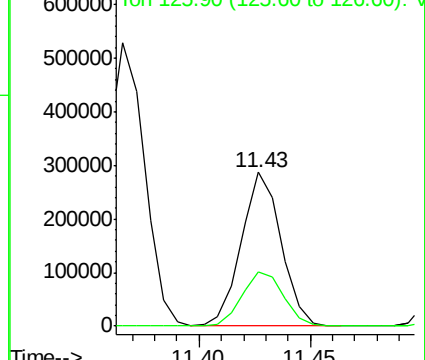
Ion Ratio Lower Upper

91 100

126 37.1 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX000357.D (-1774) (-)



#80

1,3,5-Trimethylbenzene

Concen: 45.954 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000631.D

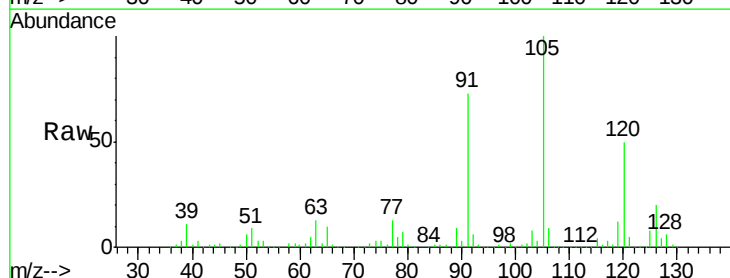
Acq: 01 Apr 2018 08:18

Tgt Ion:105 Resp: 453544

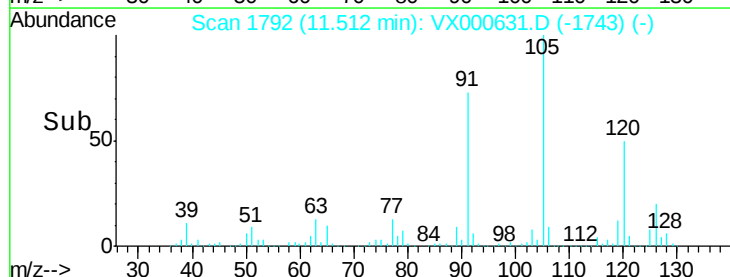
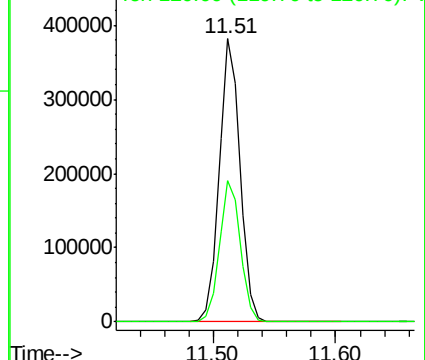
Ion Ratio Lower Upper

105 100

120 50.1 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX000357.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 36.536 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

Instrument :

MSVOA_X

ClientSampled :

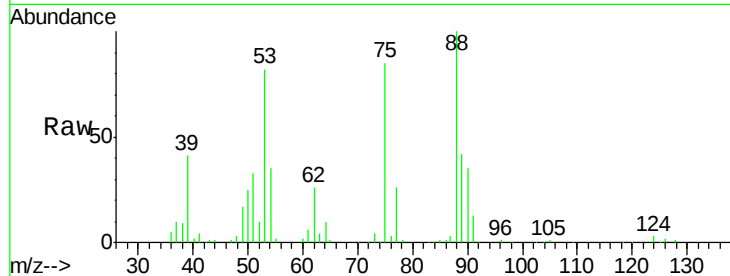
Tot Ion: 75 Resp: 42966

Ion Ratio Lower Upper

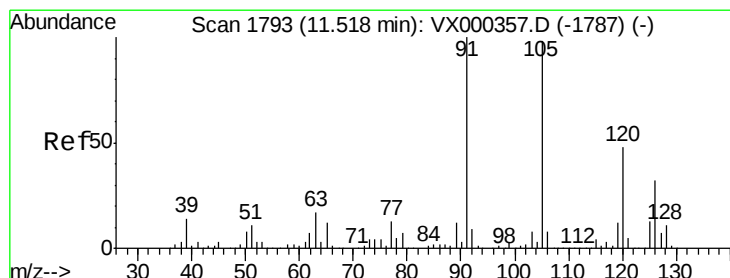
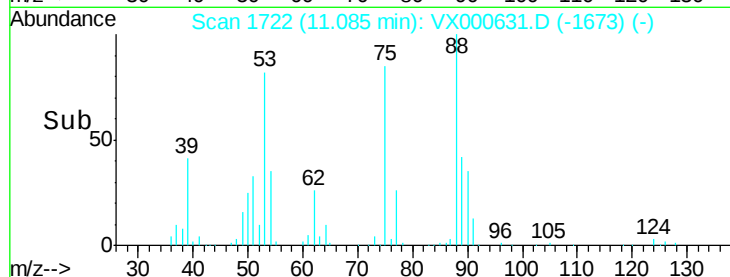
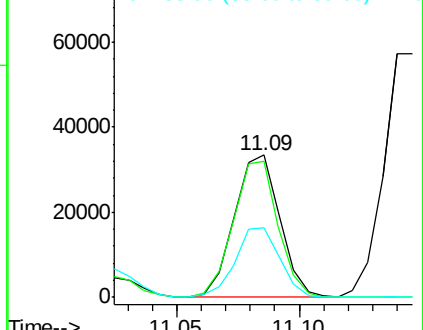
75 100

53 94.8 80.7 121.1

89 48.5 39.4 59.0



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: 44.879 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000631.D

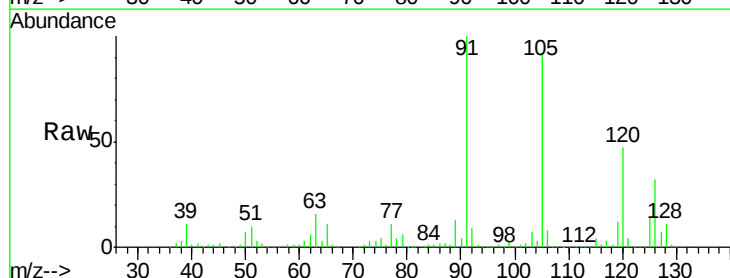
Acq: 01 Apr 2018 08:18

Tgt Ion: 91 Resp: 433267

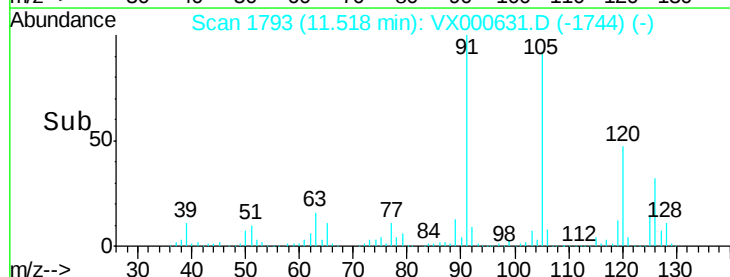
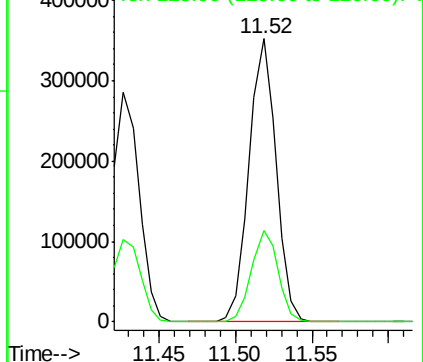
Ion Ratio Lower Upper

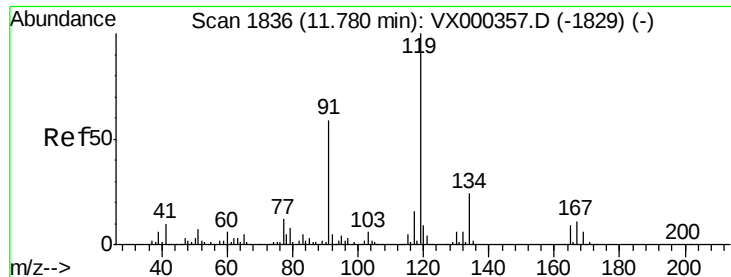
91 100

126 32.1 15.4 46.1



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

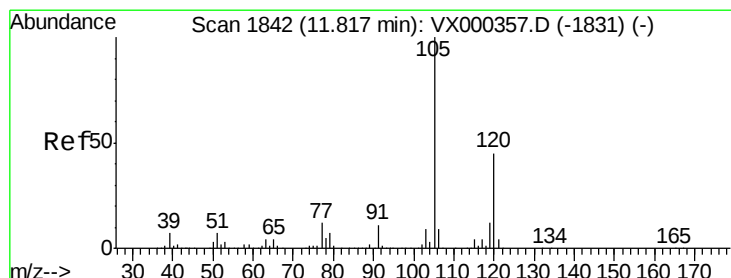
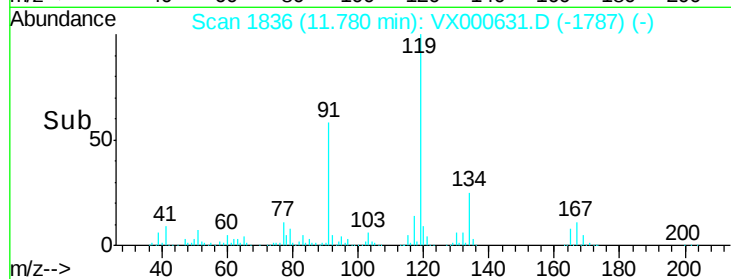
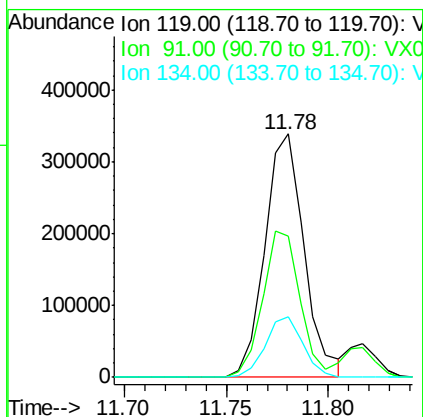
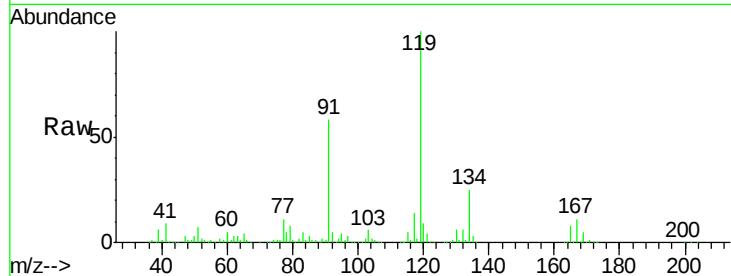




#83
 tert-Butylbenzene
 Concen: 45.657 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000631.D
 Acq: 01 Apr 2018 08:18

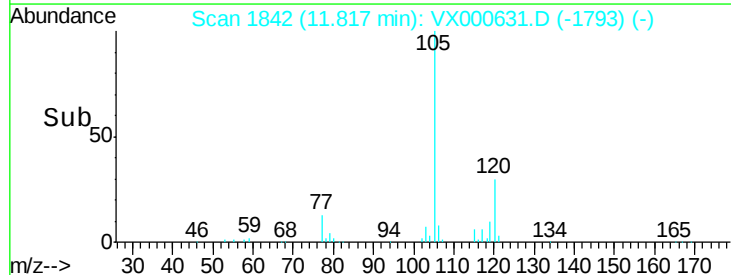
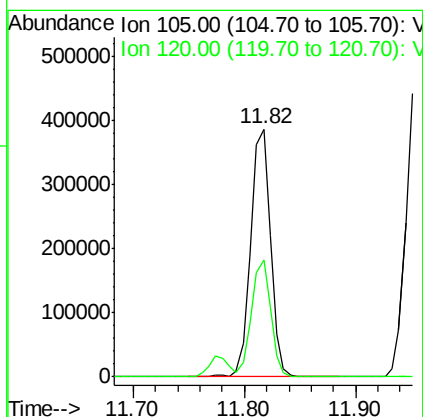
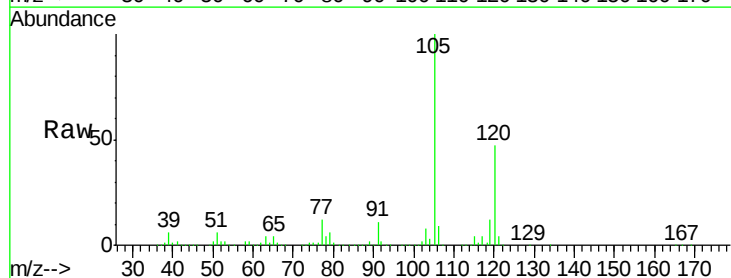
Instrument :
 MSVOA_X
 ClientSampled :

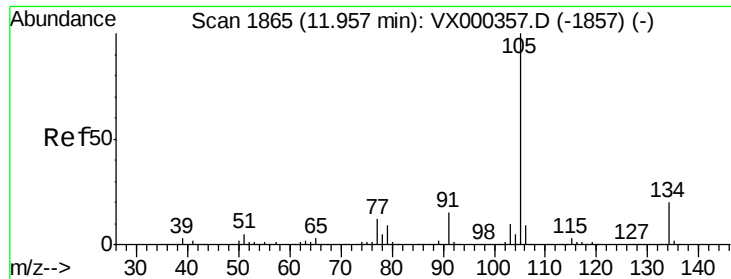
Tot Ion:119 Resp: 454462
 Ion Ratio Lower Upper
 119 100
 91 57.2 28.8 86.4
 134 23.6 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 46.191 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000631.D
 Acq: 01 Apr 2018 08:18

Tgt Ion:105 Resp: 477974
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.4 67.3





#85

sec-Butylbenzene

Concen: 45.550 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

Instrument :

MSVOA_X

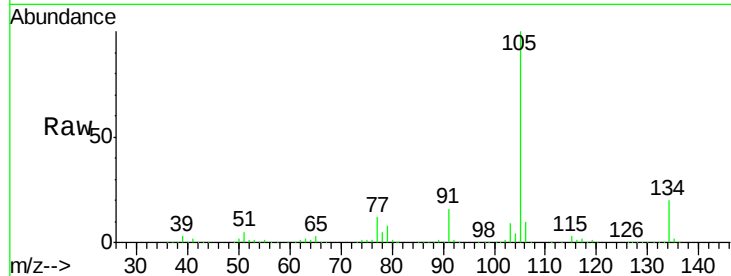
ClientSampleId :

Tot Ion:105 Resp: 561009

Ion Ratio Lower Upper

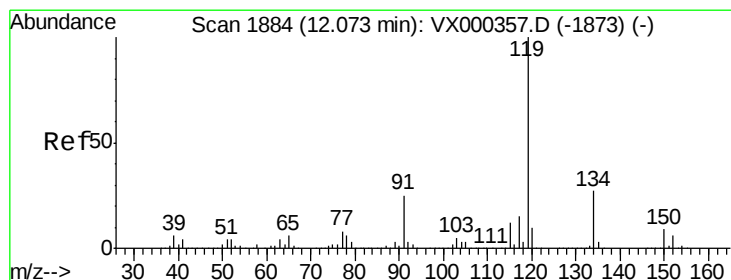
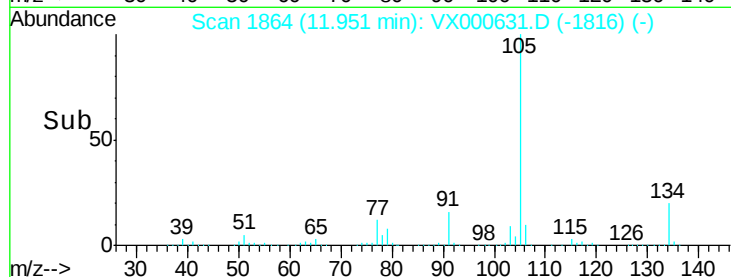
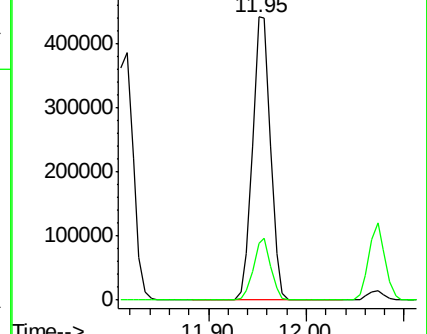
105 100

134 20.9 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.284 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

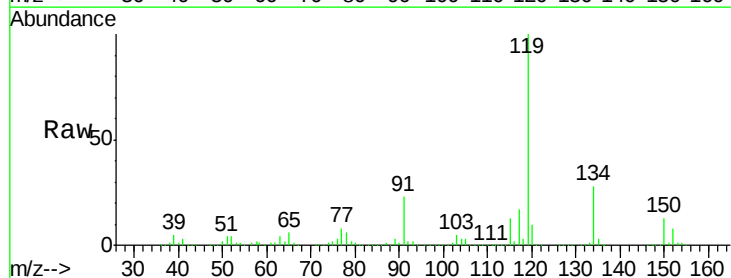
Tgt Ion:119 Resp: 506269

Ion Ratio Lower Upper

119 100

134 27.3 13.3 39.9

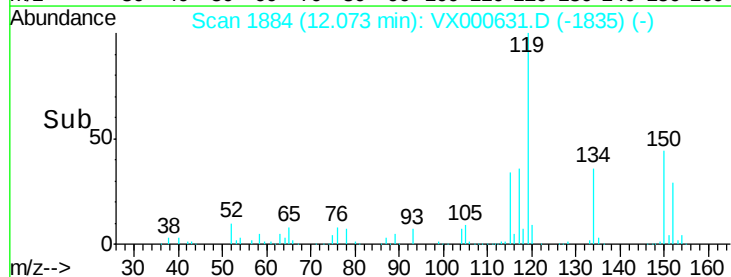
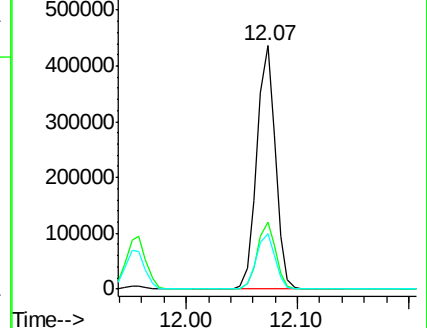
91 23.1 12.0 36.1

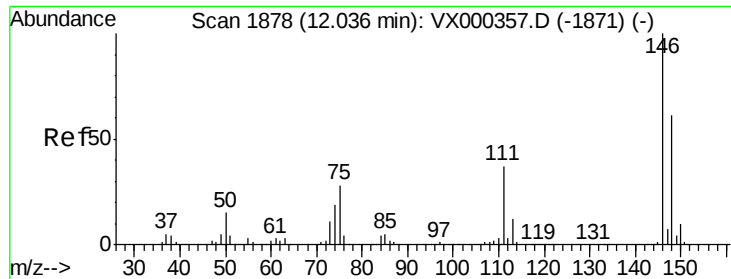


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

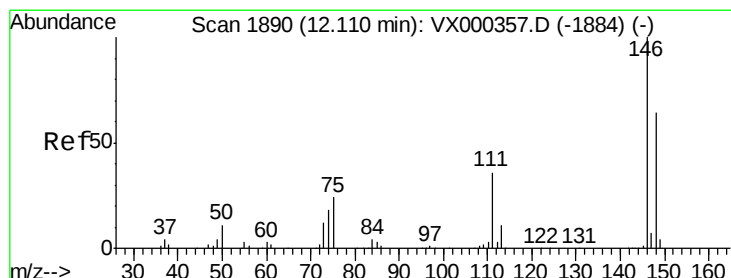
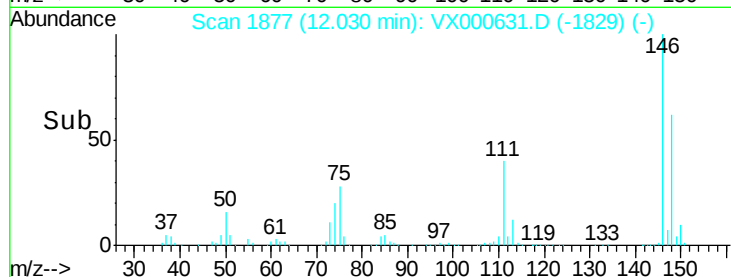
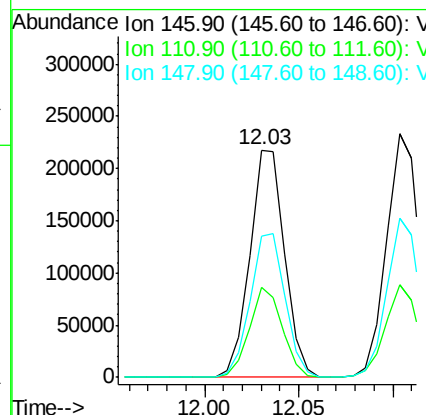
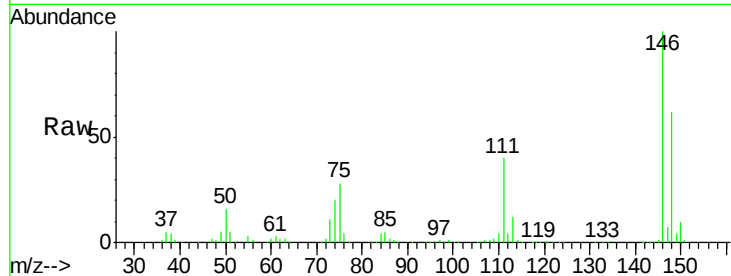




#87
 1,3-Dichlorobenzene
 Concen: 46.934 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VX000631.D
 Acq: 01 Apr 2018 08:18

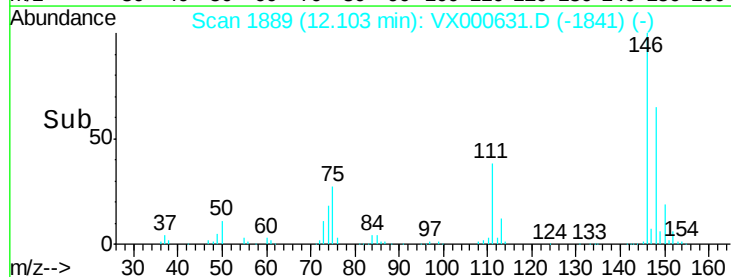
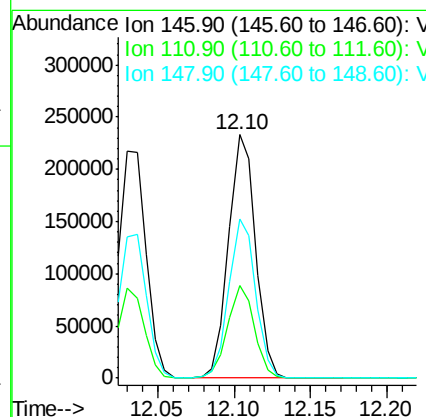
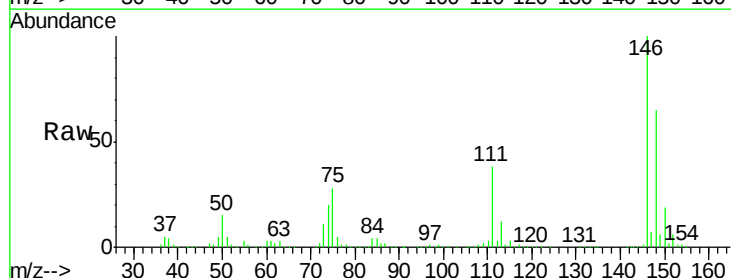
Instrument :
 MSVOA_X
 ClientSampleId :

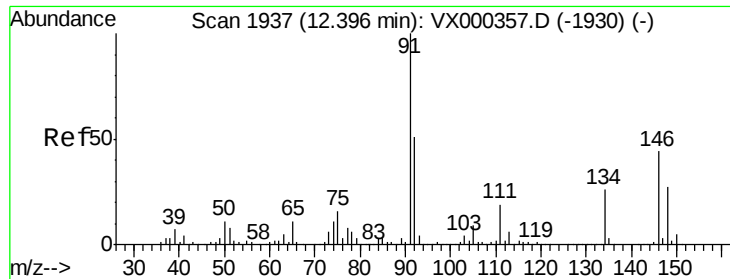
Tot Ion:146 Resp: 277492
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.5 58.5
 148 63.8 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 45.981 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000631.D
 Acq: 01 Apr 2018 08:18

Tgt Ion:146 Resp: 285417
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.9 56.9
 148 64.6 31.0 93.0





#89

n-Butylbenzene

Concen: 44.454 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000631.D

Acq: 01 Apr 2018 08:18

Instrument :

MSVOA_X

ClientSampleId :

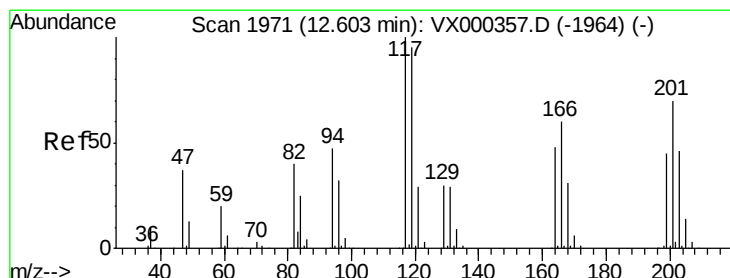
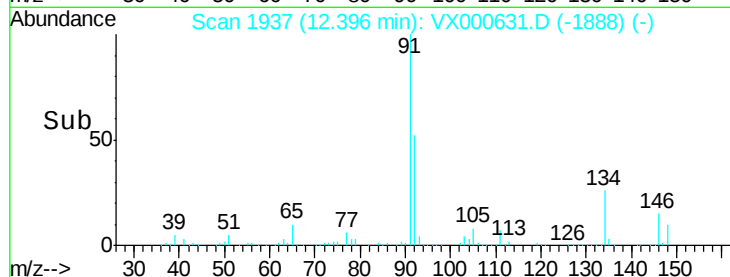
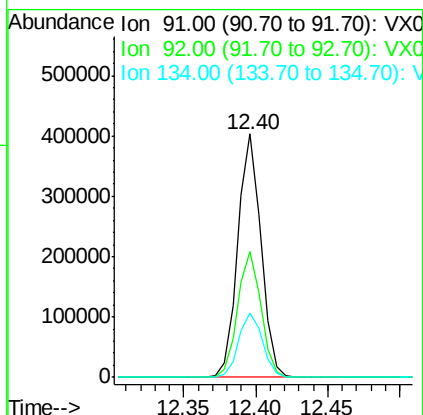
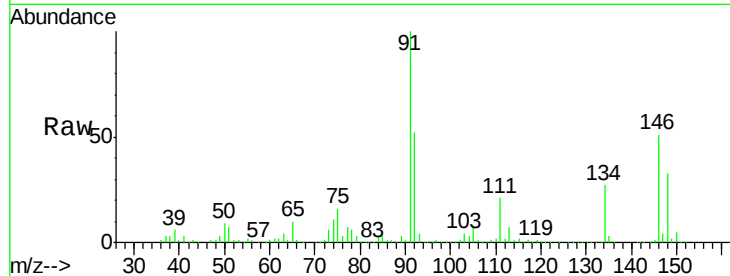
Tot Ion: 91 Resp: 452745

Ion Ratio Lower Upper

91 100

92 51.9 25.9 77.8

134 27.1 13.1 39.3



#90

Hexachloroethane

Concen: 45.656 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000631.D

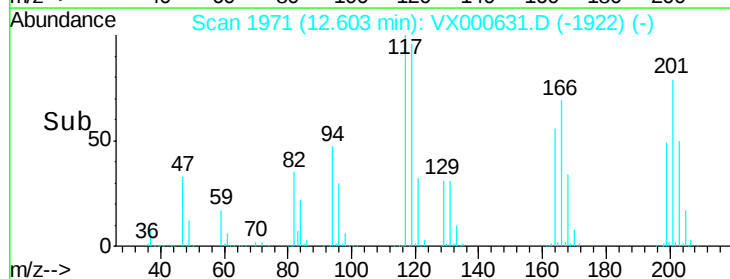
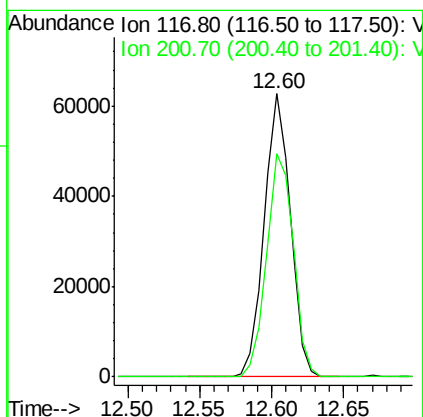
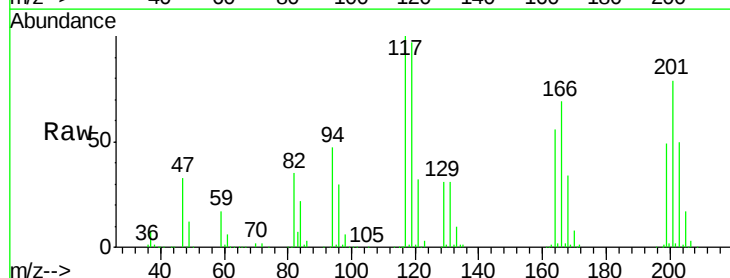
Acq: 01 Apr 2018 08:18

Tgt Ion: 117 Resp: 78606

Ion Ratio Lower Upper

117 100

201 81.1 37.9 113.6

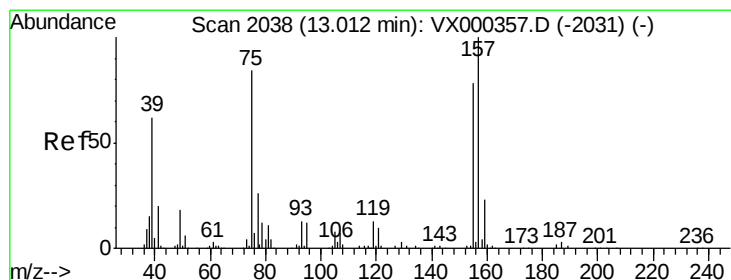
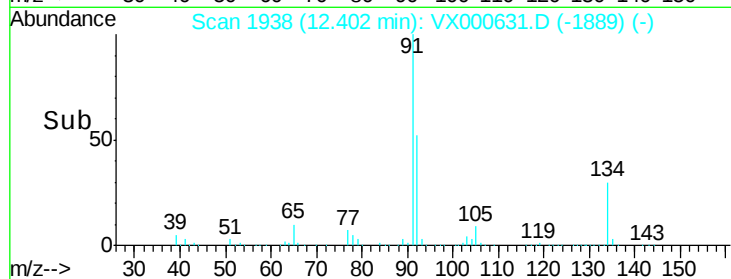
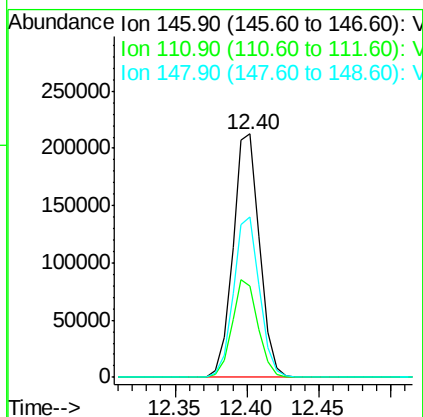
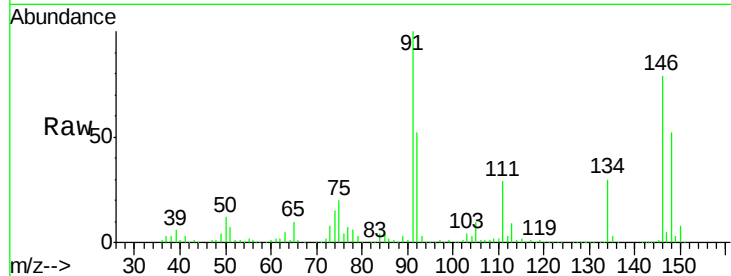




#91
 1,2-Dichlorobenzene
 Concen: 47.189 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000631.D
 Acq: 01 Apr 2018 08:18

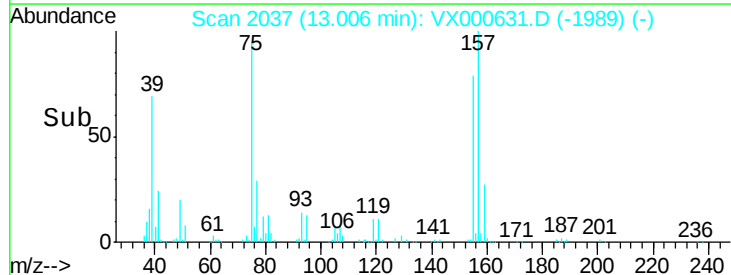
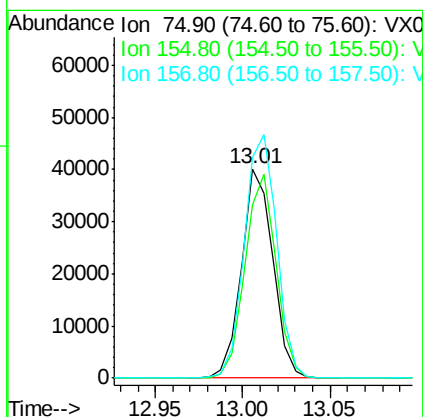
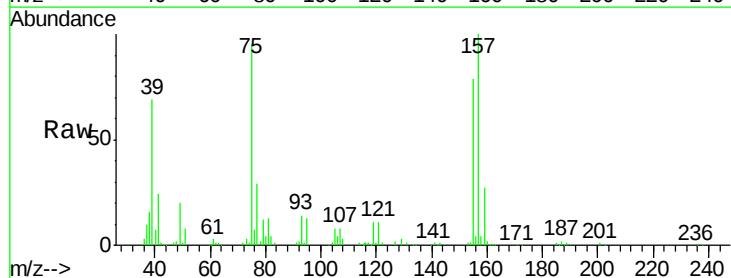
Instrument :
 MSVOA_X
 ClientSampleId :

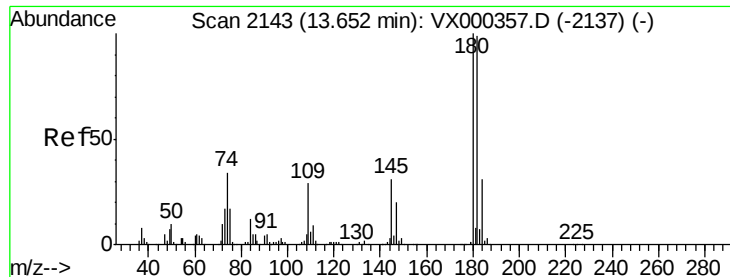
Tot Ion:146 Resp: 273529
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.1 60.2
 148 64.7 31.2 93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.114 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000631.D
 Acq: 01 Apr 2018 08:18

Tgt Ion: 75 Resp: 49921
 Ion Ratio Lower Upper
 75 100
 155 96.9 45.0 134.8
 157 120.0 58.1 174.2

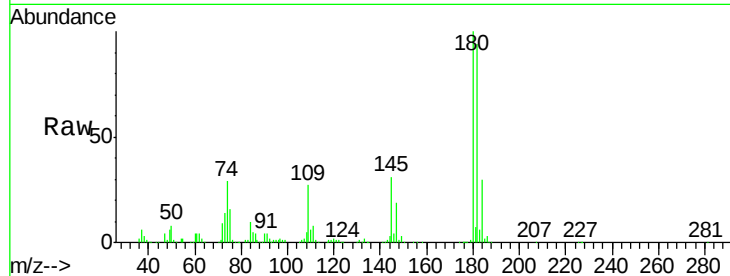




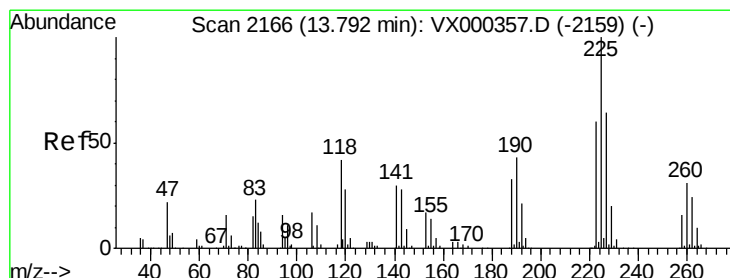
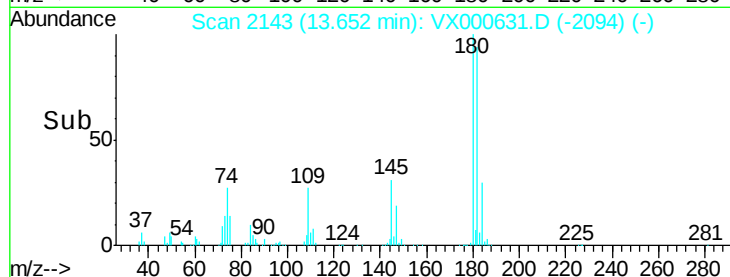
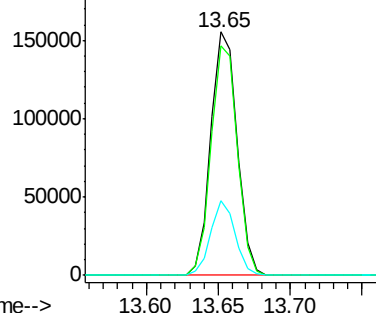
#93
 1,2,4-Trichlorobenzene
 Concen: 47.315 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000631.D
 Acq: 01 Apr 2018 08:18

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 196618
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.6 142.9
 145 28.7 15.1 45.3

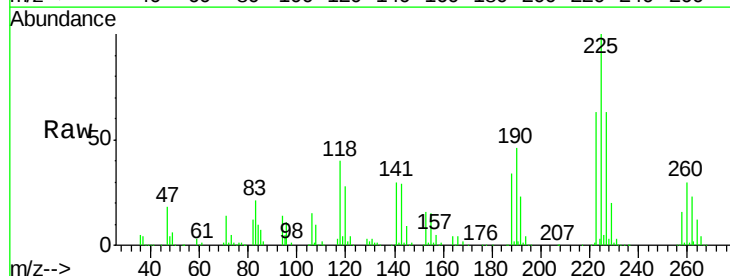


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

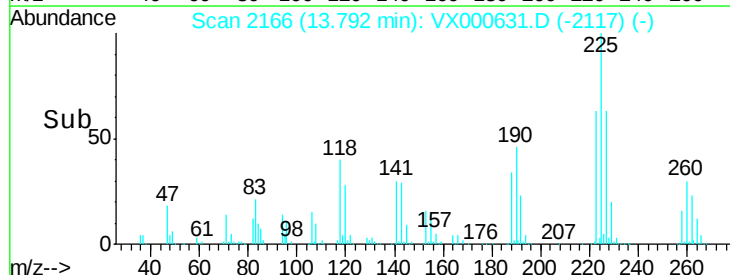
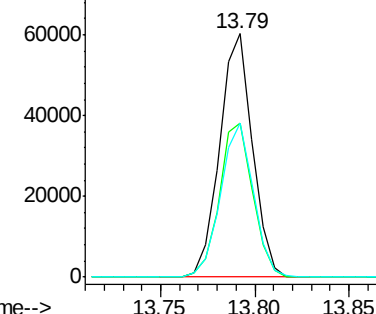


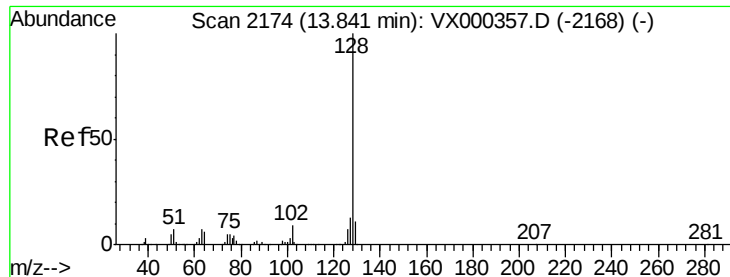
#94
 Hexachlorobutadiene
 Concen: 42.129 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000631.D
 Acq: 01 Apr 2018 08:18

Tgt Ion:225 Resp: 72487
 Ion Ratio Lower Upper
 225 100
 223 64.5 32.0 96.0
 227 63.3 32.6 98.0



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

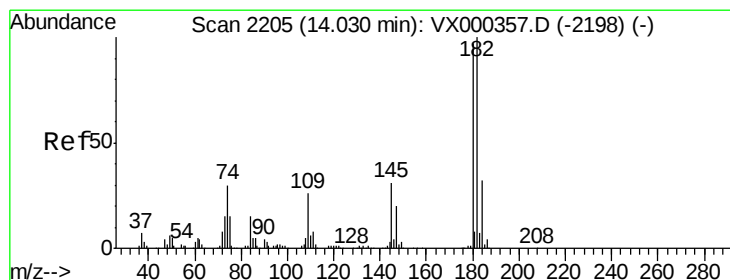
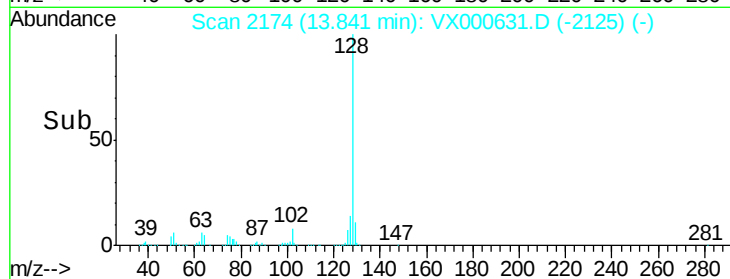
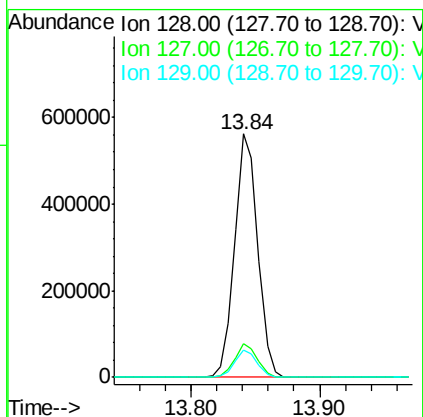
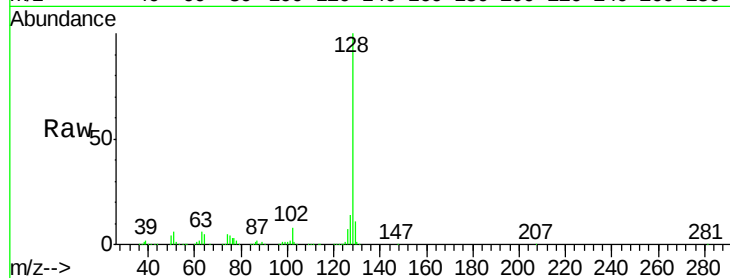




#95
Naphthalene
Concen: 48.497 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000631.D
Acq: 01 Apr 2018 08:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 702025
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 47.473 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000631.D
Acq: 01 Apr 2018 08:18

Tgt Ion:180 Resp: 194931
Ion Ratio Lower Upper
180 100
182 95.7 47.4 142.3
145 31.6 15.8 47.3

