

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000933.D
 Acq On : 16 Apr 2018 21:22
 Operator : JC/MD
 Sample : VX0416WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 17 02:38:04 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	233273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	320999	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	304327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	207415	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	142279	48.37	ug/l	0.00
Spiked Amount			Recovery	=	96.74%	
35) Dibromofluoromethane	5.51	113	116992	47.31	ug/l	0.00
Spiked Amount			Recovery	=	94.62%	
50) Toluene-d8	8.72	98	434503	47.19	ug/l	0.00
Spiked Amount			Recovery	=	94.38%	
62) 4-Bromofluorobenzene	11.15	95	175781	46.14	ug/l	0.00
Spiked Amount			Recovery	=	92.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	52576	19.966	ug/l	99
3) Chloromethane	1.32	50	49290	21.832	ug/l	99
4) Vinyl Chloride	1.40	62	54305	21.384	ug/l	97
5) Bromomethane	1.65	94	34874	32.699	ug/l	99
6) Chloroethane	1.73	64	32988	21.432	ug/l	97
7) Trichlorofluoromethane	1.93	101	83374	21.760	ug/l	97
8) Diethyl Ether	2.19	74	31782	22.205	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48515	21.475	ug/l	99
10) Methyl Iodide	2.51	142	19554	17.521	ug/l	98
11) Tert butyl alcohol	3.07	59	49278	94.364	ug/l	99
12) 1,1-Dichloroethene	2.38	96	45856	21.418	ug/l	94
13) Acrolein	2.30	56	21690	85.529	ug/l	99
14) Allyl chloride	2.73	41	81804	20.663	ug/l	100
15) Acrylonitrile	3.15	53	126043	113.210	ug/l	99
16) Acetone	2.45	43	106431	104.930	ug/l	98
17) Carbon Disulfide	2.57	76	106028	16.354	ug/l	99
18) Methyl Acetate	2.78	43	65234	24.852	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	161055	22.584	ug/l	98
20) Methylene Chloride	2.86	84	51110	21.664	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	49244	20.858	ug/l	97
22) Diisopropyl ether	3.88	45	168952	23.222	ug/l	99
23) Vinyl Acetate	3.83	43	696351	109.013	ug/l	98
24) 1,1-Dichloroethane	3.70	63	92514	22.661	ug/l	99
25) 2-Butanone	4.71	43	177856	106.183	ug/l	98
26) 2,2-Dichloropropane	4.59	77	72264	17.833	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	58084	21.678	ug/l	99
28) Bromochloromethane	5.03	49	31593	19.218	ug/l	96
29) Tetrahydrofuran	5.18	42	114106	107.289	ug/l	99
30) Chloroform	5.23	83	97593	22.578	ug/l	100
31) Cyclohexane	5.59	56	79576	20.525	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	85932	20.868	ug/l	99
36) 1,1-Dichloropropene	5.81	75	70872	20.047	ug/l	99
37) Ethyl Acetate	4.87	43	70777	20.508	ug/l	99
38) Carbon Tetrachloride	5.79	117	73859	18.666	ug/l	97

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Quant Time: Apr 17 02:38:04 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	79771	18.790	ug/l	98
40) Benzene	6.15	78	209964	21.375	ug/l	100
41) Methacrylonitrile	5.07	41	42328	21.229	ug/l	99
42) 1,2-Dichloroethane	6.21	62	81334	22.170	ug/l	99
43) Isopropyl Acetate	6.48	43	120441	20.356	ug/l	100
44) Trichloroethene	7.22	130	62776	20.549	ug/l	99
45) 1,2-Dichloropropane	7.52	63	52554	21.010	ug/l	96
46) Dibromomethane	7.67	93	36759	21.078	ug/l	99
47) Bromodichloromethane	7.91	83	69159	19.649	ug/l	99
48) Methyl methacrylate	7.79	41	62799	20.476	ug/l	99
49) 1,4-Dioxane	7.76	88	21462	348.212	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	373126	107.355	ug/l	99
52) Toluene	8.79	92	137408	21.085	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	81756	19.365	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	76045	18.498	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	55486	21.447	ug/l	99
56) Ethyl methacrylate	9.19	69	82341	20.632	ug/l	100
57) 1,3-Dichloropropane	9.38	76	91957	22.358	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	197425	105.880	ug/l	98
59) 2-Hexanone	9.51	43	275127	102.536	ug/l	99
60) Dibromochloromethane	9.59	129	58053	18.754	ug/l	99
61) 1,2-Dibromoethane	9.68	107	58317	21.248	ug/l	99
64) Tetrachloroethene	9.34	164	65440	21.992	ug/l	98
65) Chlorobenzene	10.15	112	164484	21.486	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	57342	19.901	ug/l	100
67) Ethyl Benzene	10.26	91	267644	20.969	ug/l	99
68) m/p-Xylenes	10.37	106	211941	42.069	ug/l	99
69) o-Xylene	10.71	106	103483	21.312	ug/l	99
70) Styrene	10.72	104	173304	21.171	ug/l	100
71) Bromoform	10.87	173	45137	16.918	ug/l	100
73) Isopropylbenzene	11.02	105	279218	21.220	ug/l	100
74) N-amyl acetate	6.48	43	120441	20.326	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	81462	21.332	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	89609	25.051	ug/l	86
77) Bromobenzene	11.26	156	82078	21.285	ug/l	100
78) n-propylbenzene	11.37	91	316799	21.048	ug/l	99
79) 2-Chlorotoluene	11.43	91	188367	21.176	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	236179	20.871	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19530	15.019	ug/l	86
82) 4-Chlorotoluene	11.52	91	226986	21.140	ug/l	100
83) tert-Butylbenzene	11.77	119	239764	20.710	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	243151	20.813	ug/l	99
85) sec-Butylbenzene	11.95	105	281358	20.601	ug/l	99
86) p-Isopropyltoluene	12.07	119	259378	20.365	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	151178	21.181	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	153170	20.940	ug/l	99
89) n-Butylbenzene	12.40	91	219870	19.558	ug/l	99
90) Hexachloroethane	12.60	117	35526	16.484	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	147032	21.339	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16536	17.283	ug/l	94

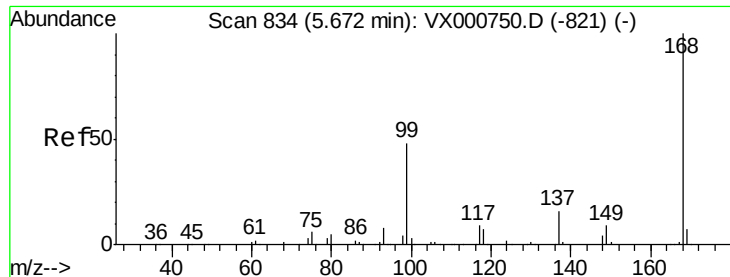
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Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	116943	19.889	ug/l	98
94) Hexachlorobutadiene	13.79	225	48059	16.623	ug/l	99
95) Naphthalene	13.84	128	311047	20.610	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	117364	20.551	ug/l	98

(#) = 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. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

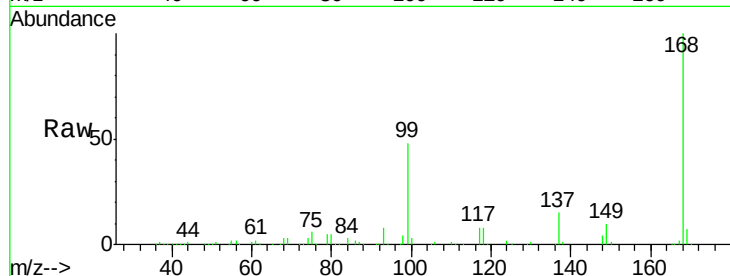
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 233273

Ion Ratio Lower Upper

168 100

99 47.7 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

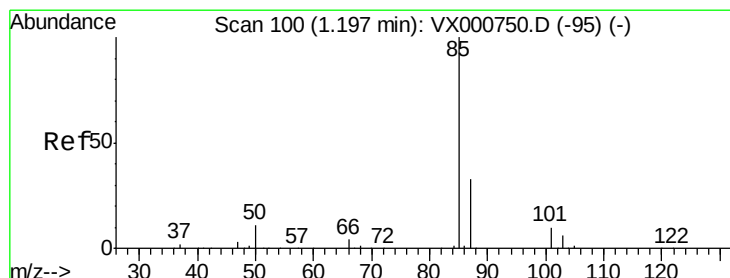
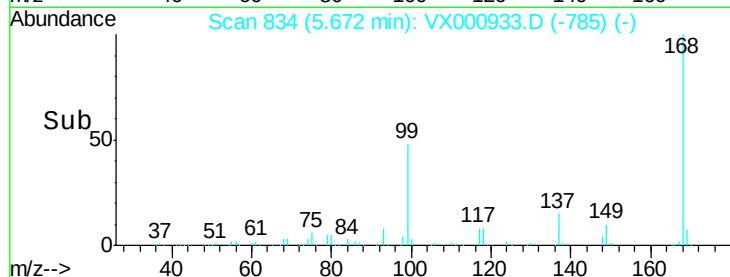
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.966 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000933.D

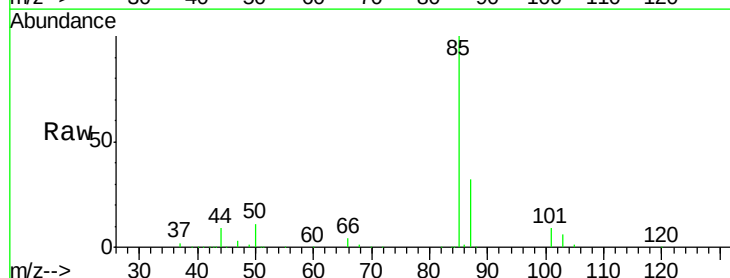
Acq: 16 Apr 2018 21:22

Tgt Ion: 85 Resp: 52576

Ion Ratio Lower Upper

85 100

87 31.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

50000

40000

30000

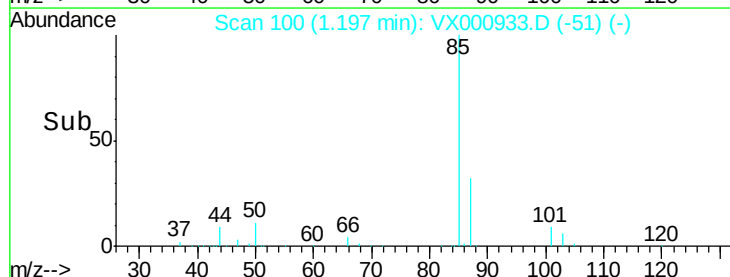
20000

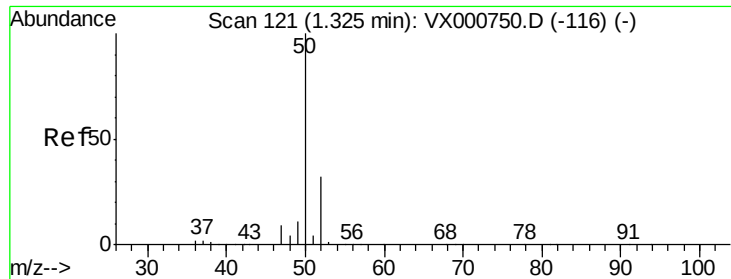
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 21.832 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

Instrument :

MSVOA_X

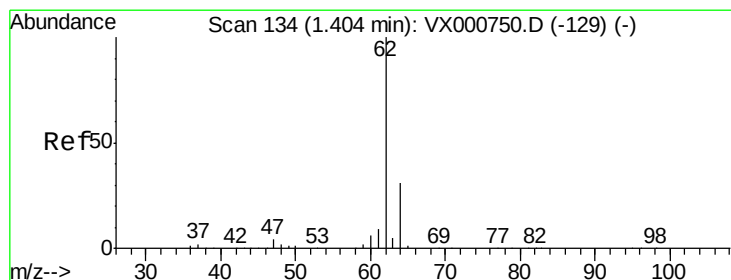
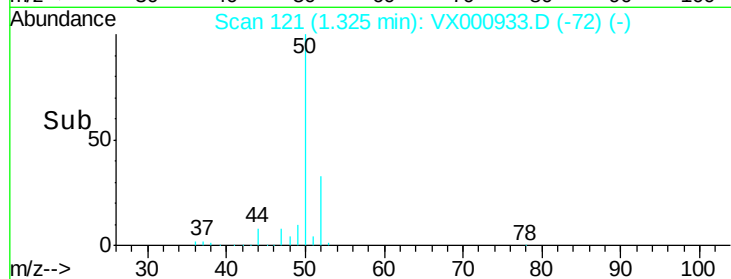
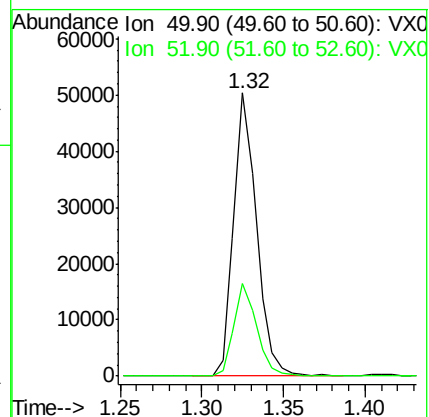
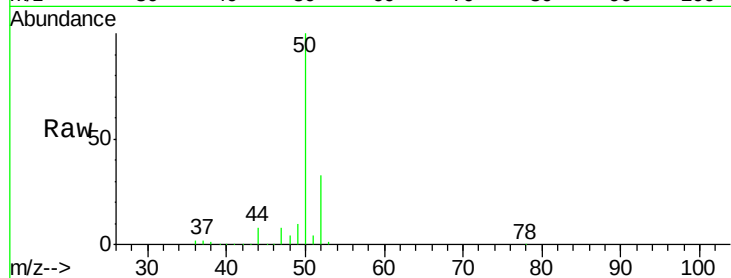
ClientSampleId :

Tot Ion: 50 Resp: 49290

Ion Ratio Lower Upper

50 100

52 32.8 25.8 38.8



#4

Vinyl Chloride

Concen: 21.384 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000933.D

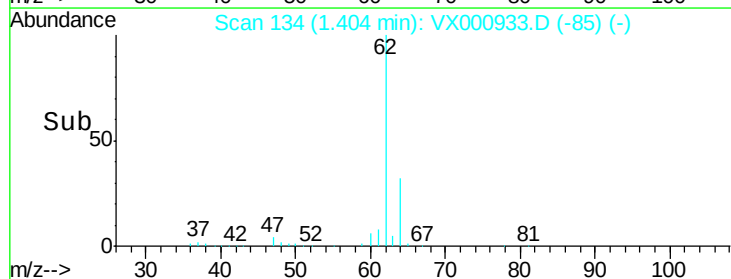
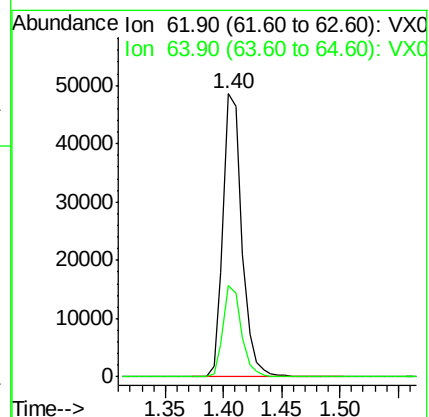
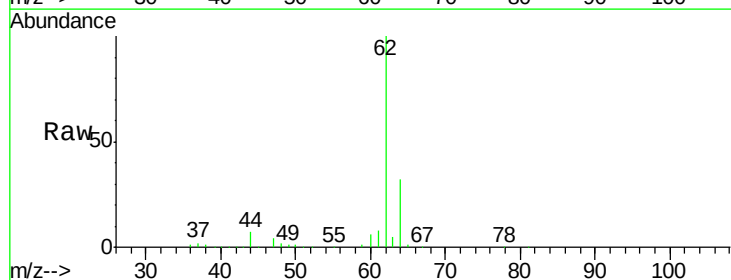
Acq: 16 Apr 2018 21:22

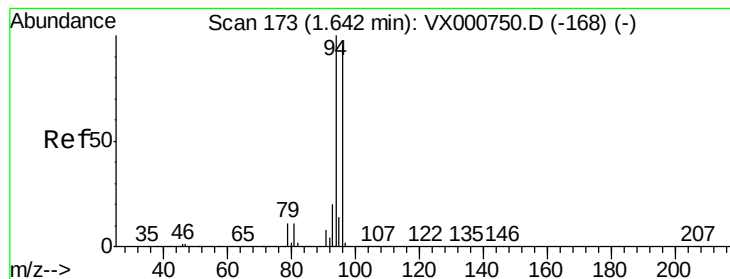
Tgt Ion: 62 Resp: 54305

Ion Ratio Lower Upper

62 100

64 32.3 24.6 36.8





#5

Bromomethane

Concen: 32.699 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

Instrument :

MSVOA_X

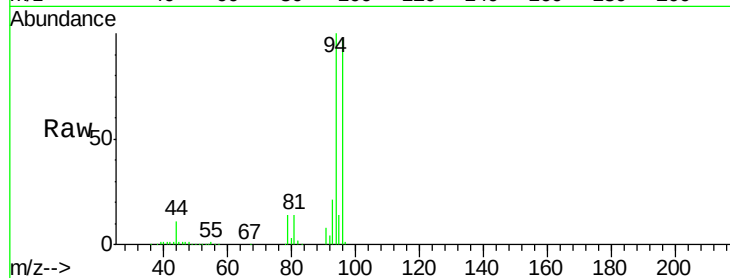
ClientSampleId :

Tot Ion: 94 Resp: 34874

Ion Ratio Lower Upper

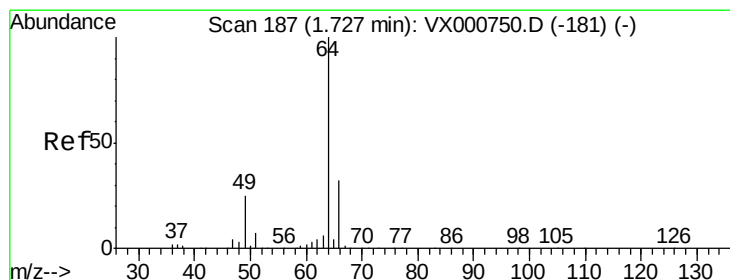
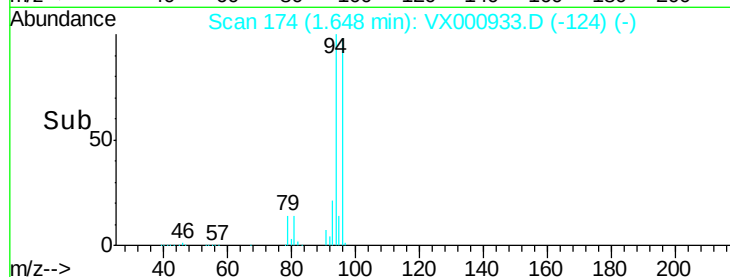
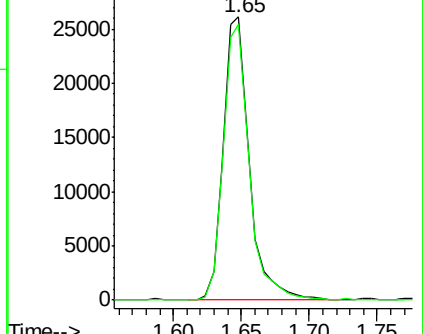
94 100

96 97.5 77.0 115.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.432 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000933.D

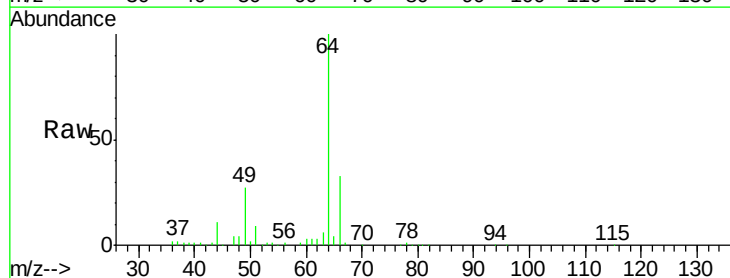
Acq: 16 Apr 2018 21:22

Tgt Ion: 64 Resp: 32988

Ion Ratio Lower Upper

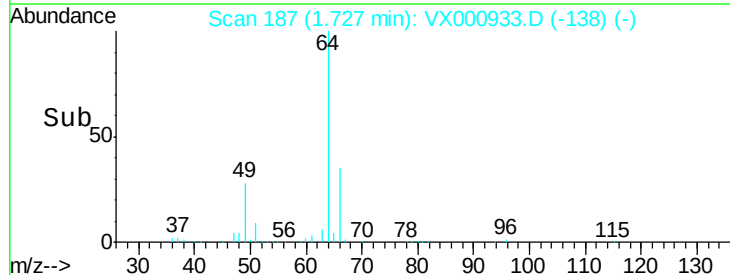
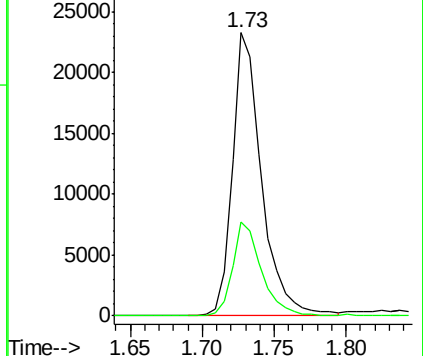
64 100

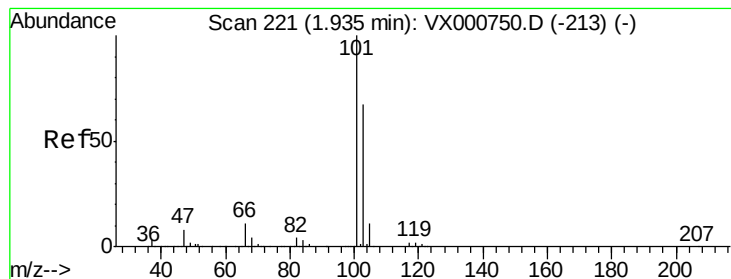
66 33.2 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



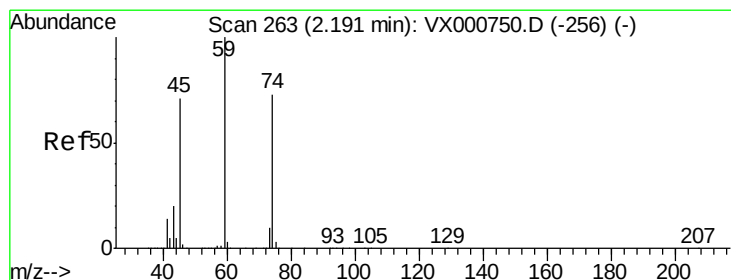
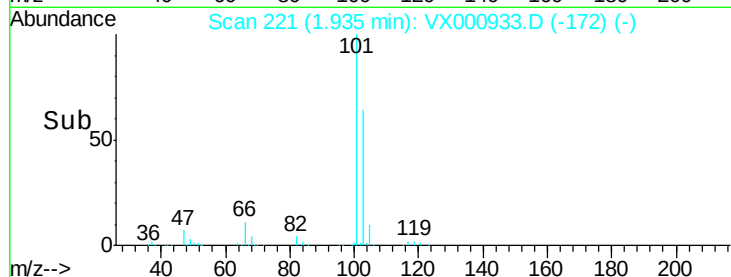
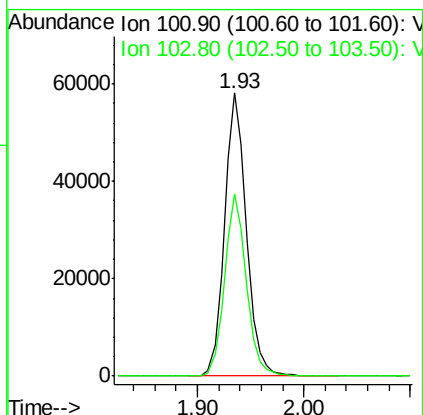
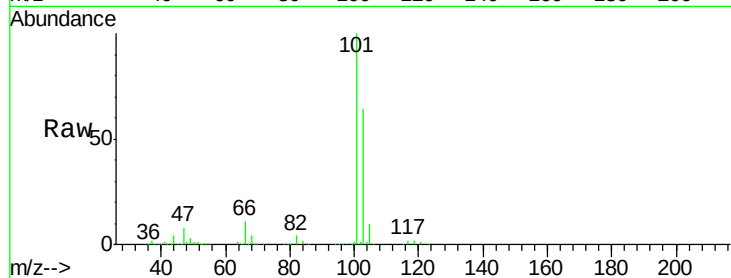


#7

Trichlorofluoromethane
 Concen: 21.760 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000933.D
 Acq: 16 Apr 2018 21:22

Instrument :
 MSVOA_X
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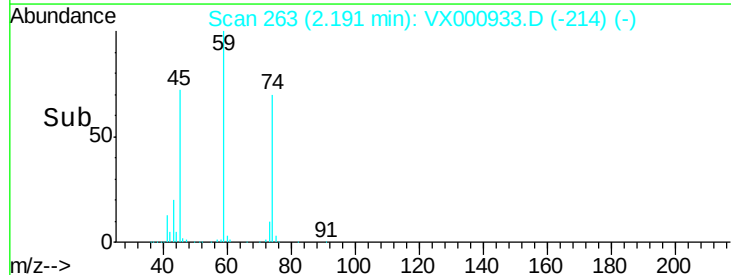
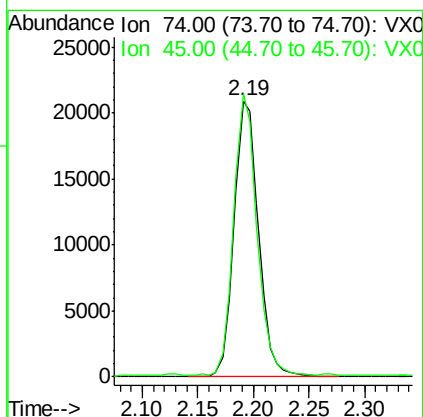
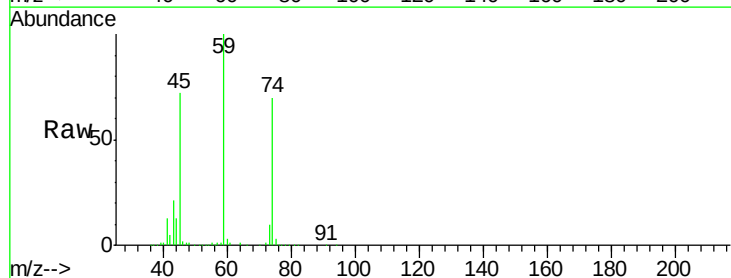
Tot Ion:101 Resp: 83374
 Ion Ratio Lower Upper
 101 100
 103 64.4 53.2 79.8

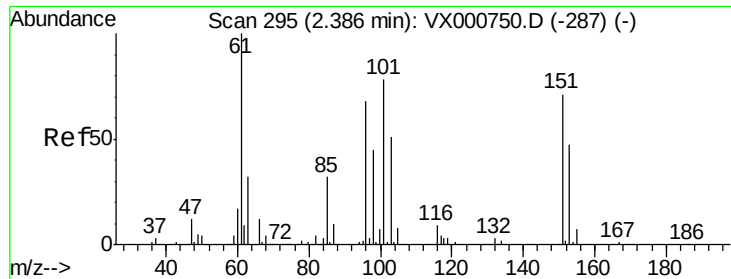


#8

Diethyl Ether
 Concen: 22.205 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX000933.D
 Acq: 16 Apr 2018 21:22

Tgt Ion: 74 Resp: 31782
 Ion Ratio Lower Upper
 74 100
 45 96.9 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.475 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

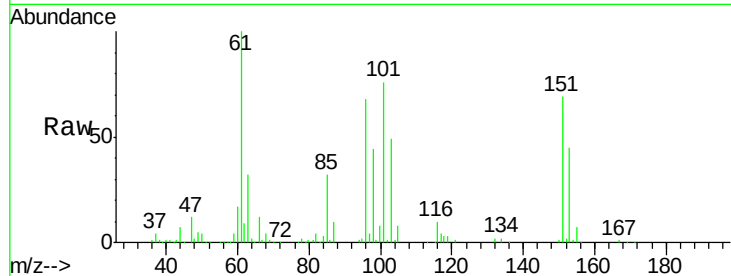
Tot Ion:101 Resp: 48515

Ion Ratio Lower Upper

101 100

85 42.6 34.0 51.0

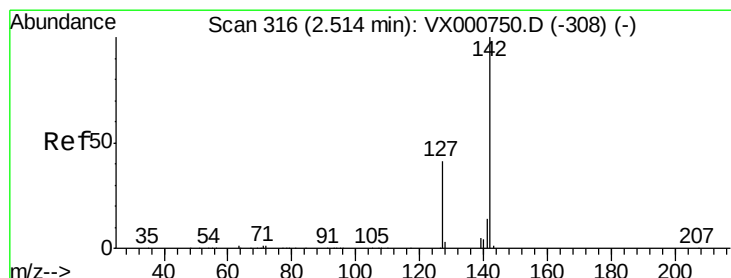
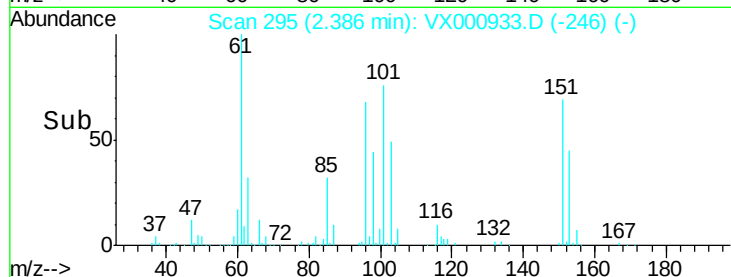
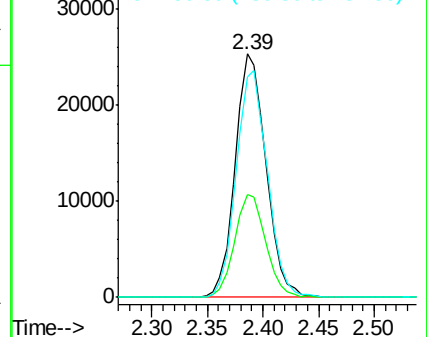
151 94.0 75.8 113.8



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: 17.521 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000933.D

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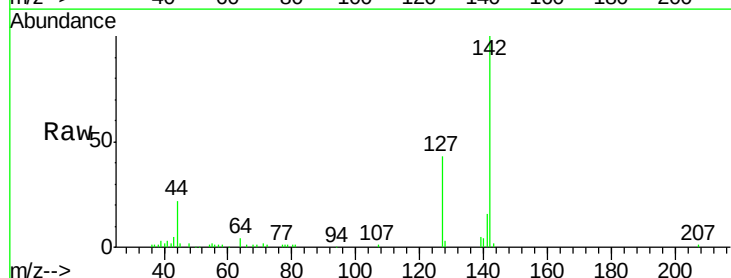
Tgt Ion:142 Resp: 19554

Ion Ratio Lower Upper

142 100

127 42.6 32.6 49.0

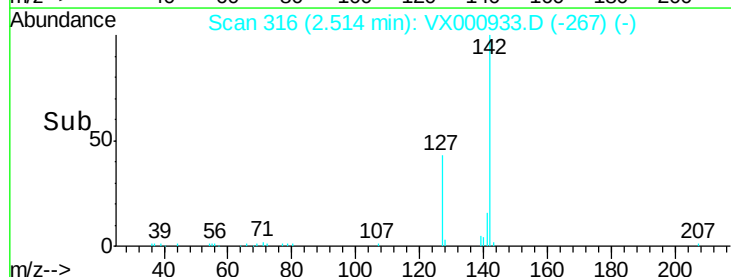
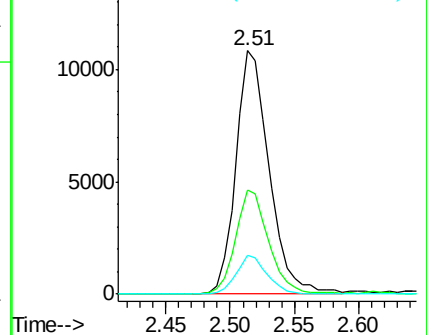
141 14.6 11.5 17.3

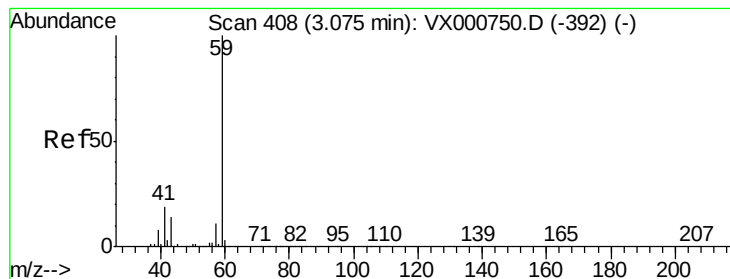


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 94.364 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

Instrument :

MSVOA_X

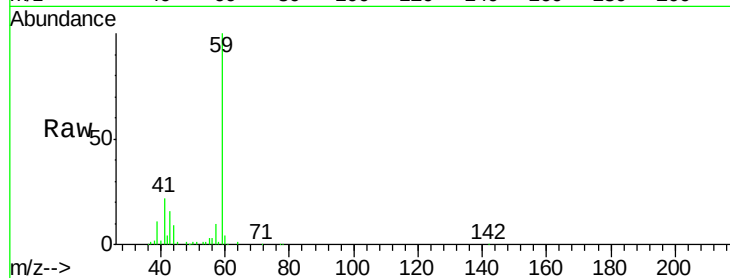
ClientSampleId :

Tot Ion: 59 Resp: 49278

Ion Ratio Lower Upper

59 100

57 10.8 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

25000

20000

15000

10000

5000

0

Time-->

3.00

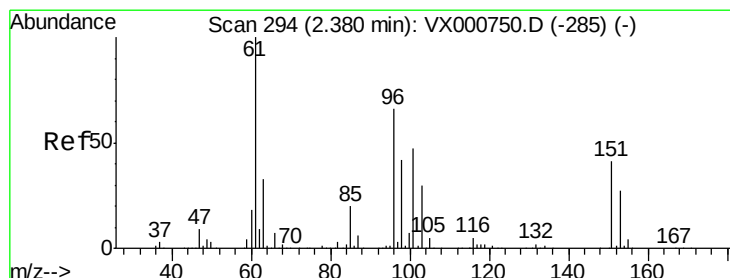
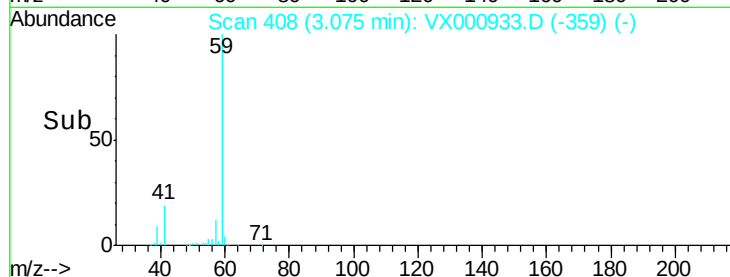
3.10

3.20

3.30

3.40

3.50



#12

1,1-Dichloroethene

Concen: 21.418 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

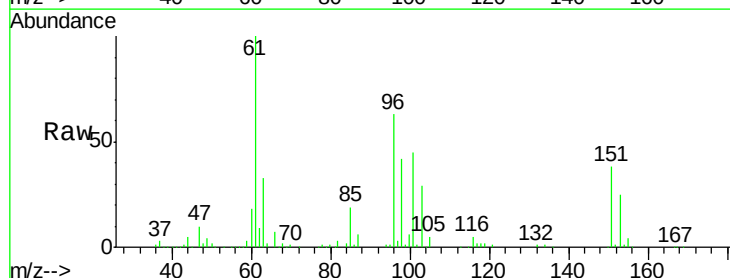
Tgt Ion: 96 Resp: 45856

Ion Ratio Lower Upper

96 100

61 159.7 120.5 180.7

98 66.4 50.9 76.3



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

60000

50000

40000

30000

20000

10000

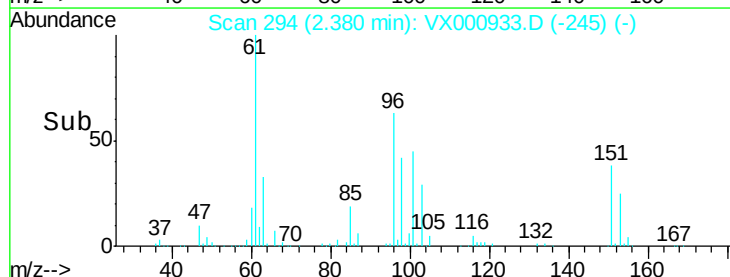
0

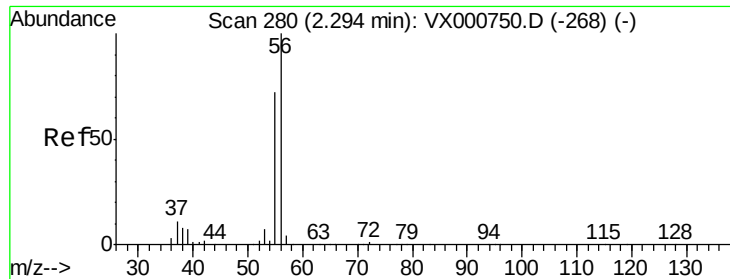
Time-->

2.30

2.40

2.50





#13

Acrolein

Concen: 85.529 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

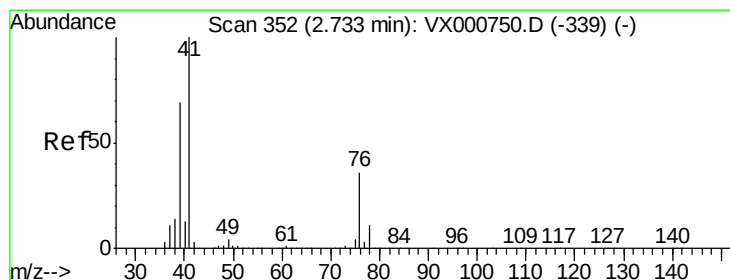
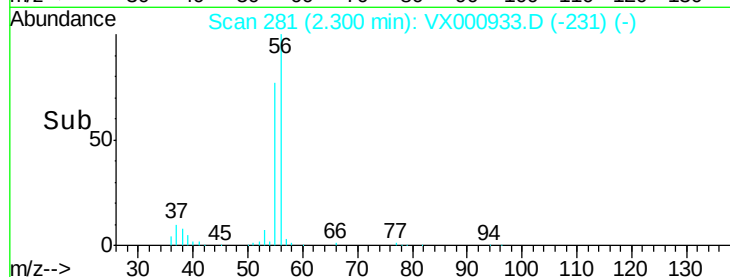
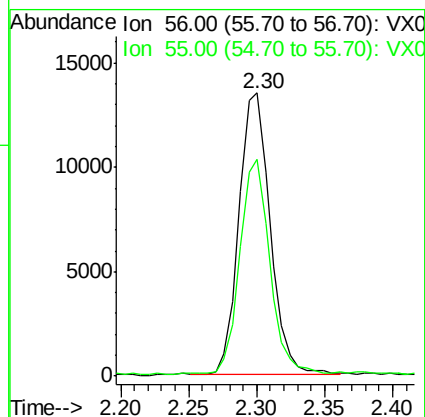
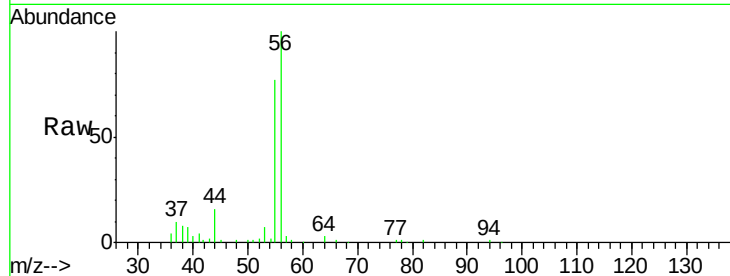
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 21690

Ion Ratio Lower Upper

56 100

55 74.0 58.7 88.1



#14

Allyl chloride

Concen: 20.663 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

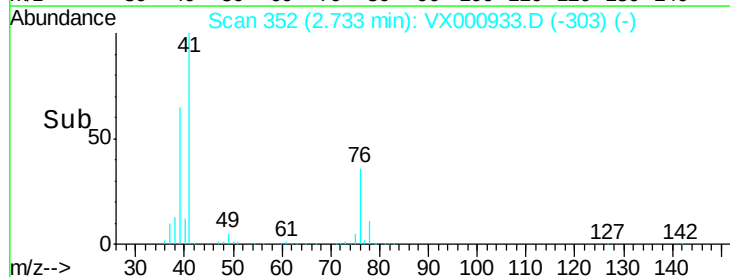
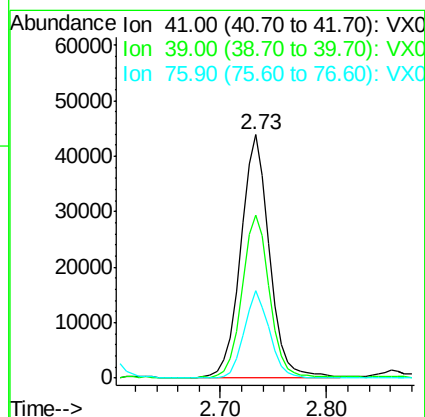
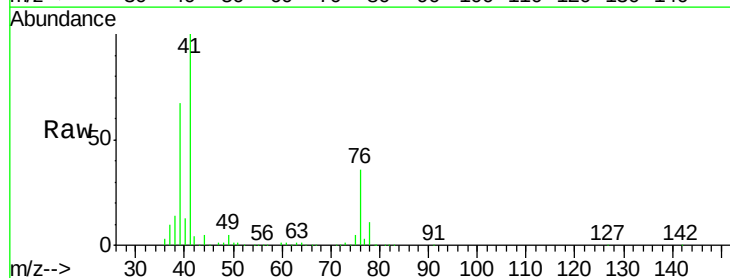
Tgt Ion: 41 Resp: 81804

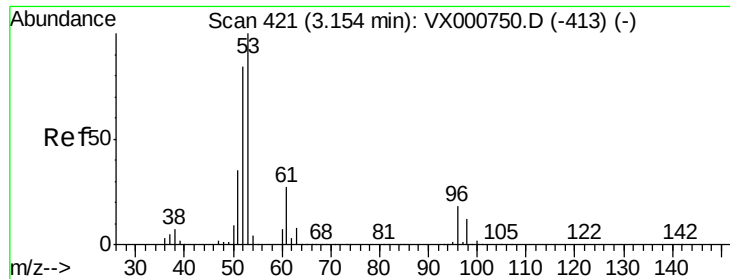
Ion Ratio Lower Upper

41 100

39 64.4 51.5 77.3

76 32.6 26.5 39.7





#15

Acrylonitrile

Concen: 113.210 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

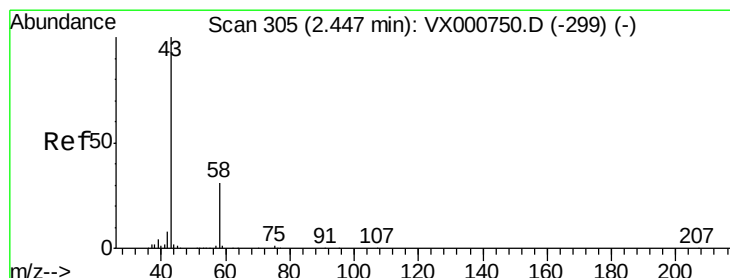
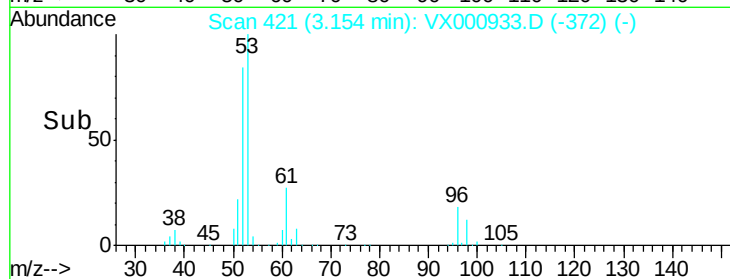
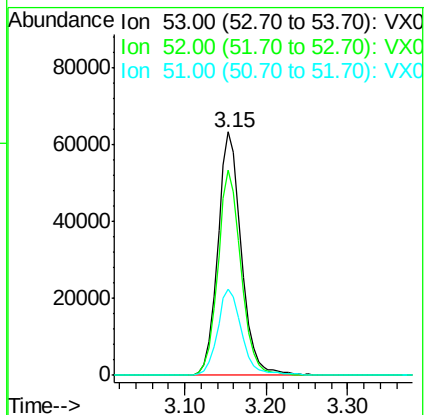
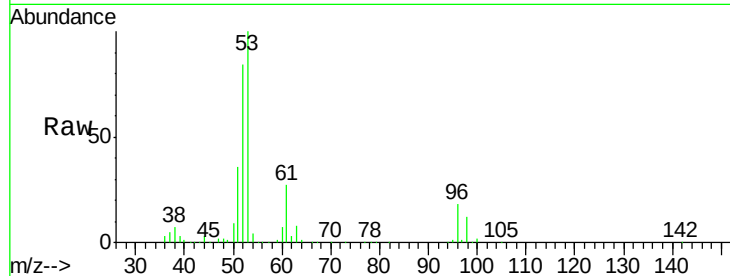
Tot Ion: 53 Resp: 126043

Ion Ratio Lower Upper

53 100

52 83.7 66.5 99.7

51 36.8 28.8 43.2



#16

Acetone

Concen: 104.930 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000933.D

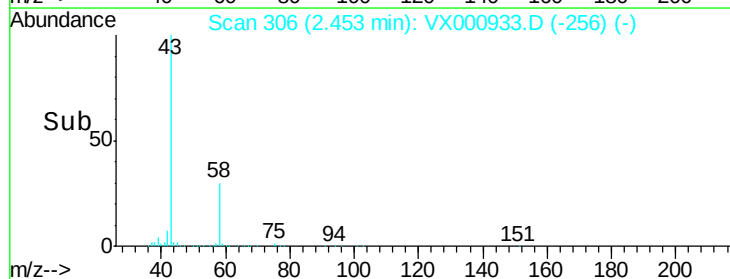
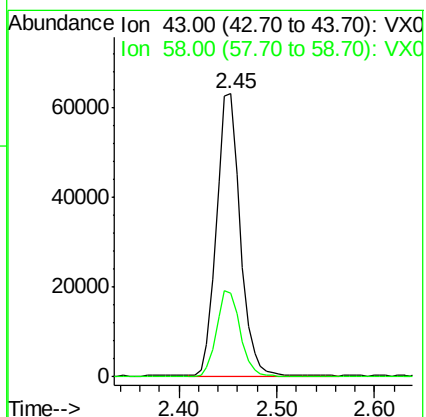
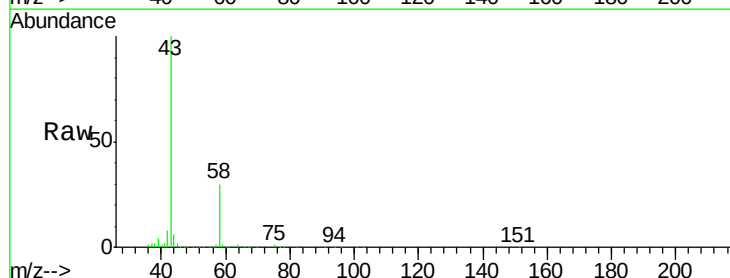
Acq: 16 Apr 2018 21:22

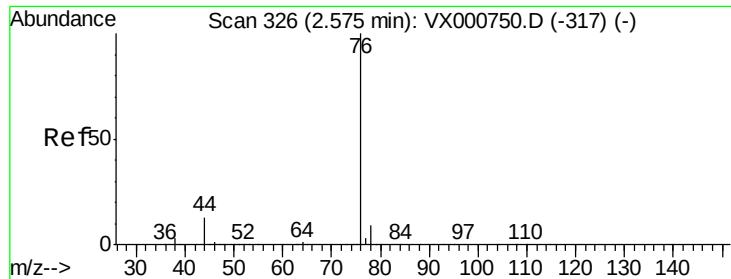
Tgt Ion: 43 Resp: 106431

Ion Ratio Lower Upper

43 100

58 29.8 24.6 37.0





#17

Carbon Disulfide

Concen: 16.354 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

Instrument :

MSVOA_X

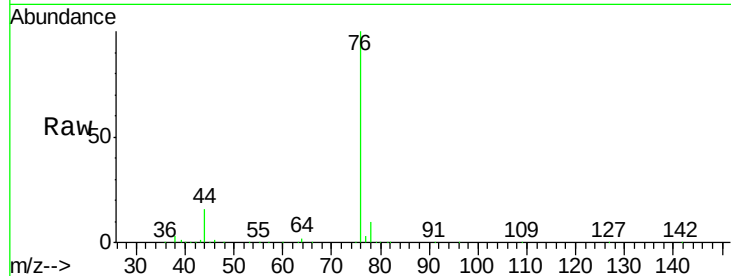
ClientSampleId :

Tot Ion: 76 Resp: 106028

Ion Ratio Lower Upper

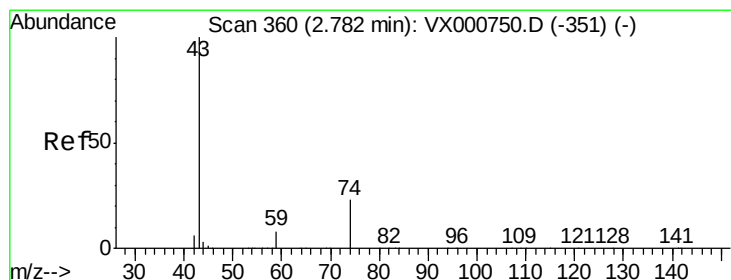
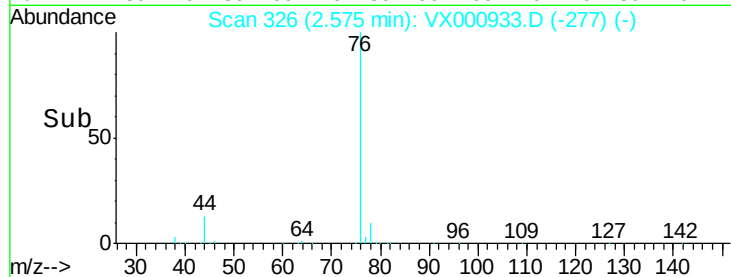
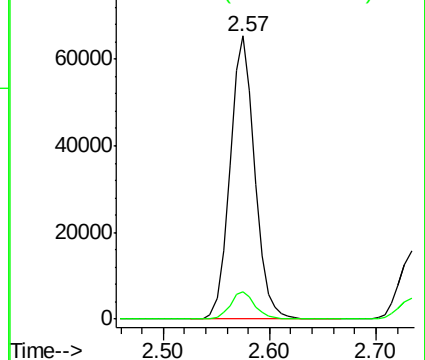
76 100

78 9.7 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 24.852 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000933.D

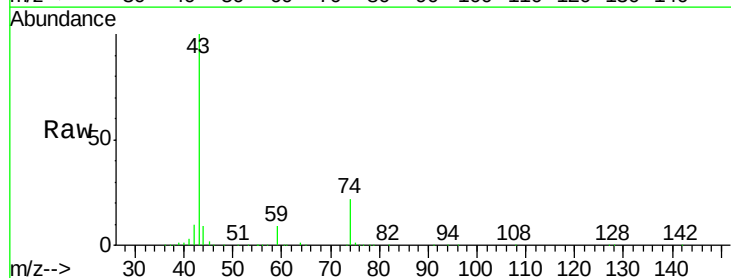
Acq: 16 Apr 2018 21:22

Tgt Ion: 43 Resp: 65234

Ion Ratio Lower Upper

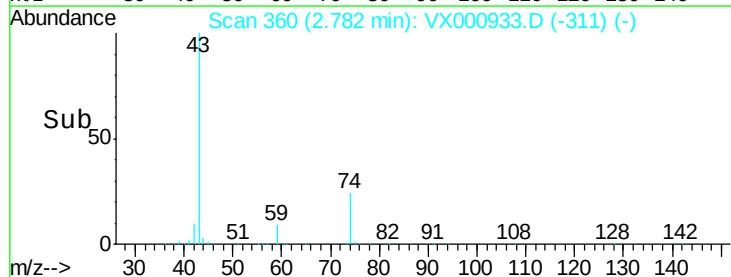
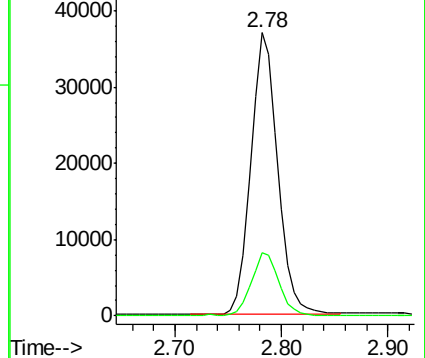
43 100

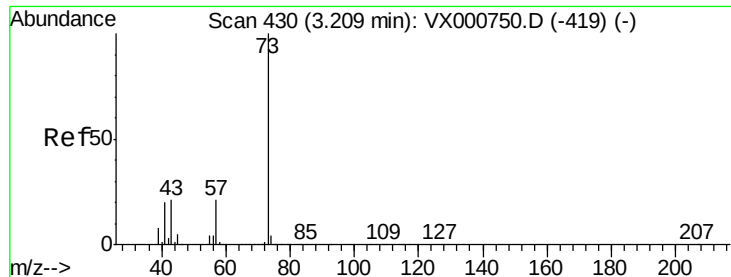
74 23.5 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

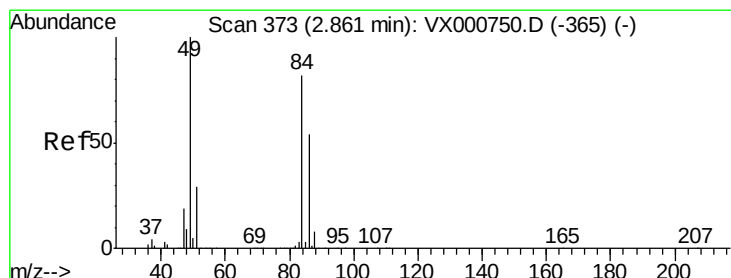
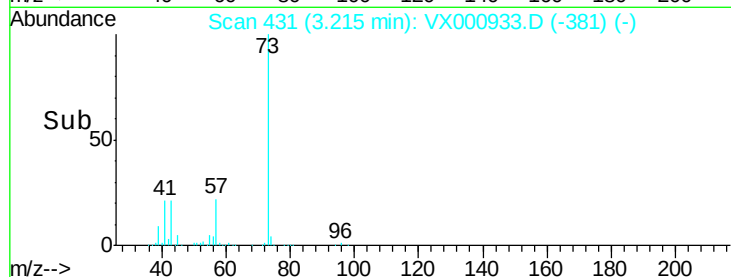
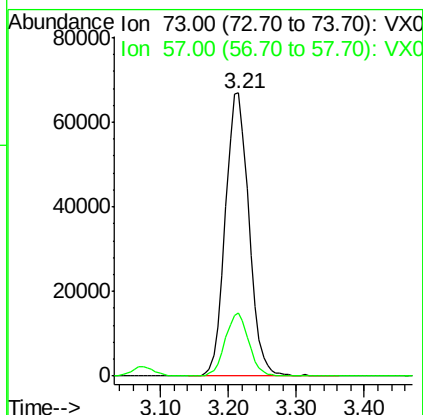
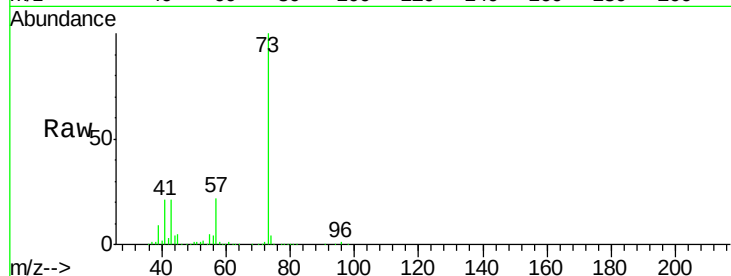




#19
Methyl tert-butyl Ether
Concen: 22.584 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX000933.D
Acq: 16 Apr 2018 21:22

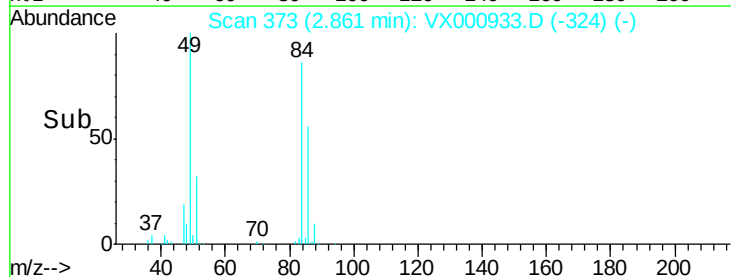
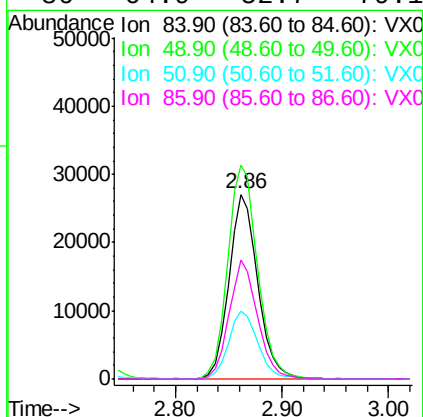
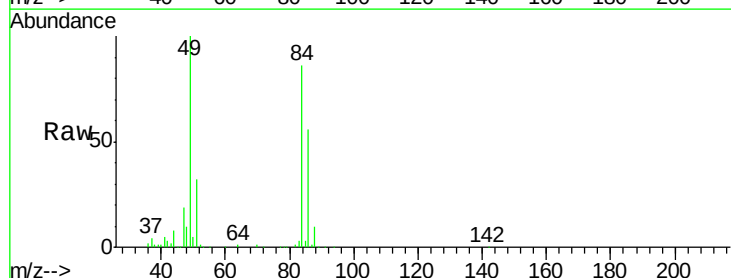
Instrument :
MSVOA_X
ClientSampleId :

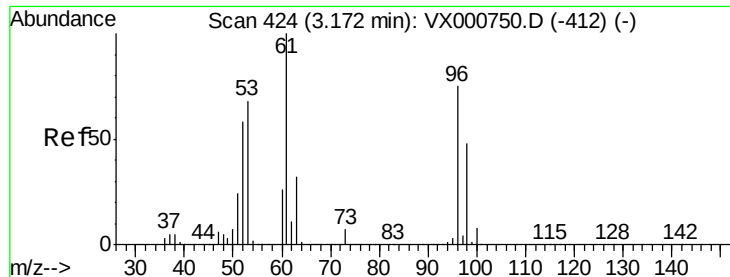
Tot Ion: 73 Resp: 161055
Ion Ratio Lower Upper
73 100
57 22.1 16.9 25.3



#20
Methylene Chloride
Concen: 21.664 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000933.D
Acq: 16 Apr 2018 21:22

Tgt Ion: 84 Resp: 51110
Ion Ratio Lower Upper
84 100
49 115.9 98.1 147.1
51 36.4 28.9 43.3
86 64.9 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 20.858 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :

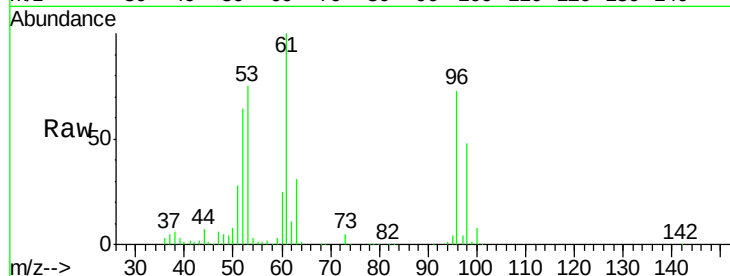
Tot Ion: 96 Resp: 49244

Ion Ratio Lower Upper

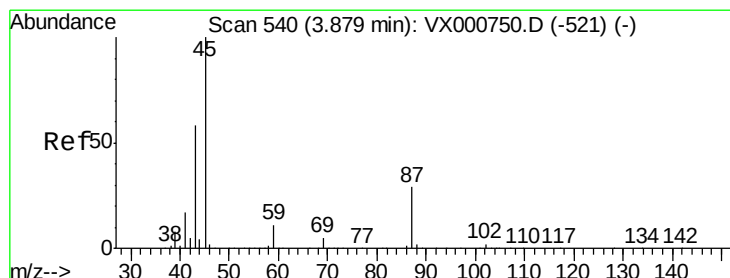
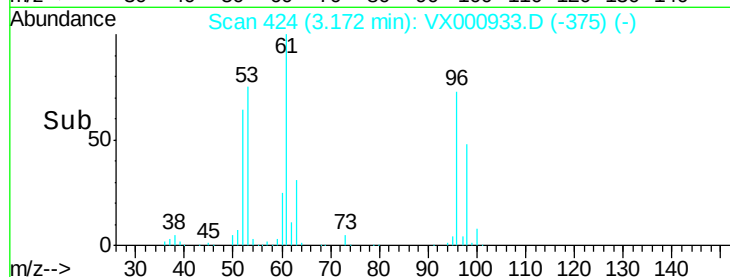
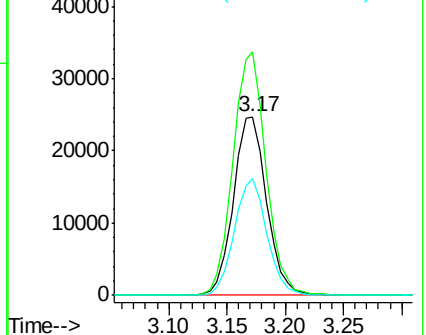
96 100

61 136.4 106.2 159.2

98 65.7 51.2 76.8



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: 23.222 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

Tgt Ion: 45 Resp: 168952

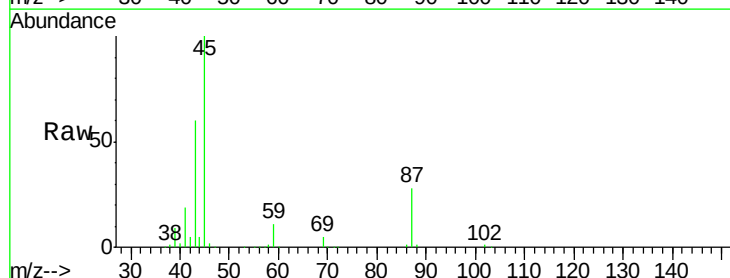
Ion Ratio Lower Upper

45 100

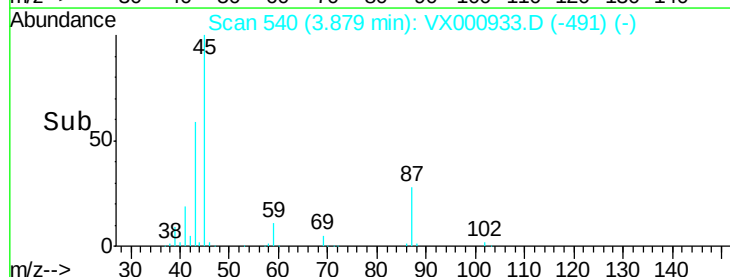
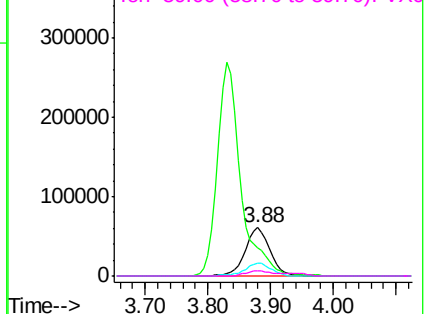
43 59.4 46.6 69.8

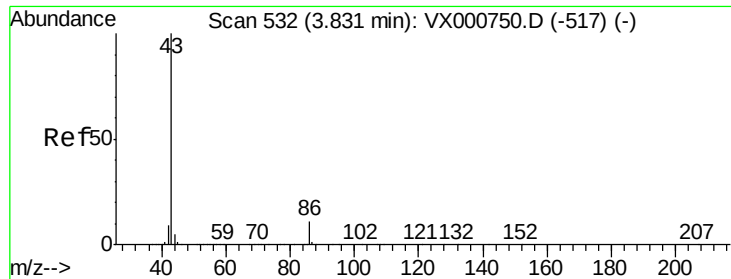
87 27.7 22.9 34.3

59 11.4 9.2 13.8



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: 109.013 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

Instrument :

MSVOA_X

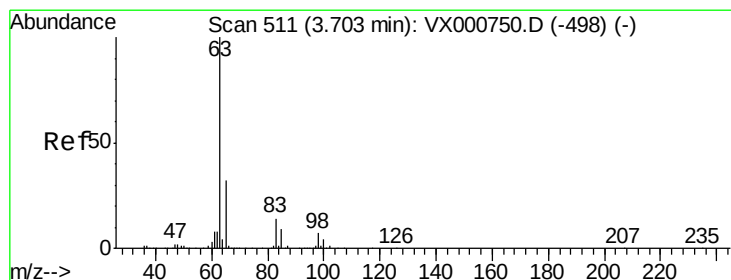
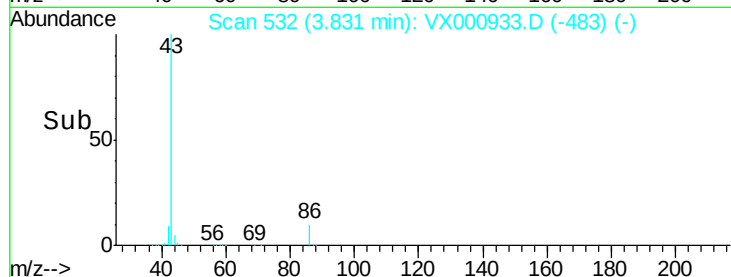
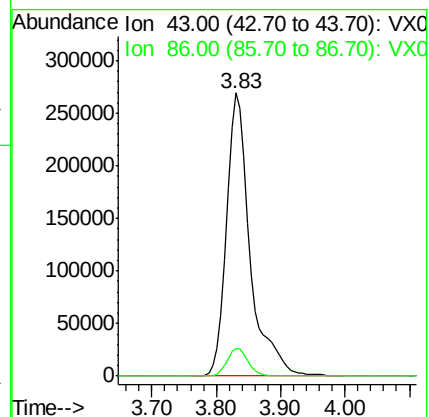
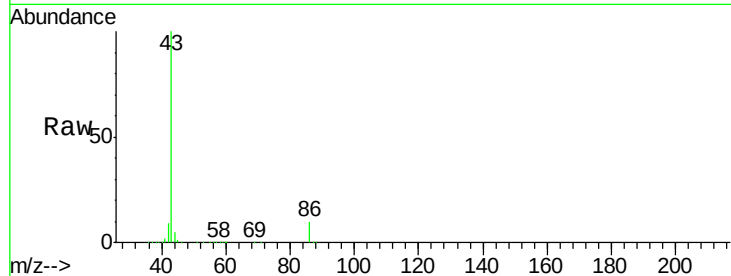
ClientSampleId :

Tot Ion: 43 Resp: 696351

Ion Ratio Lower Upper

43 100

86 9.9 8.6 12.8



#24

1,1-Dichloroethane

Concen: 22.661 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

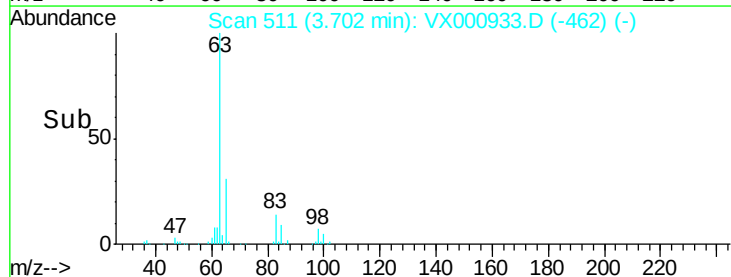
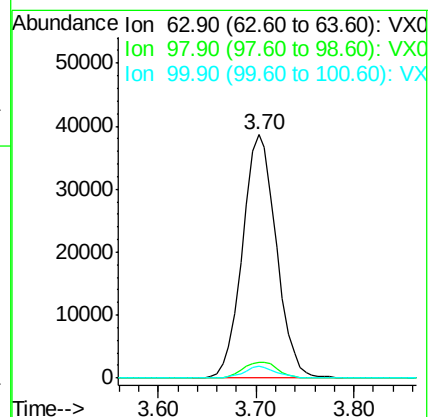
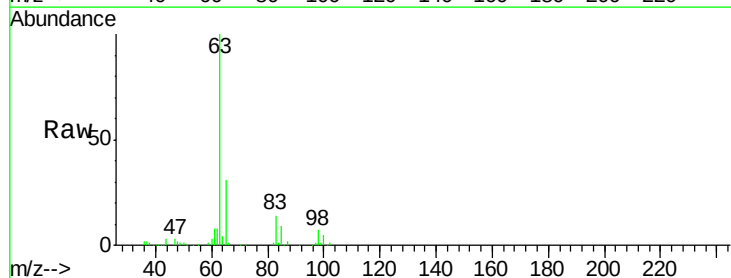
Tgt Ion: 63 Resp: 92514

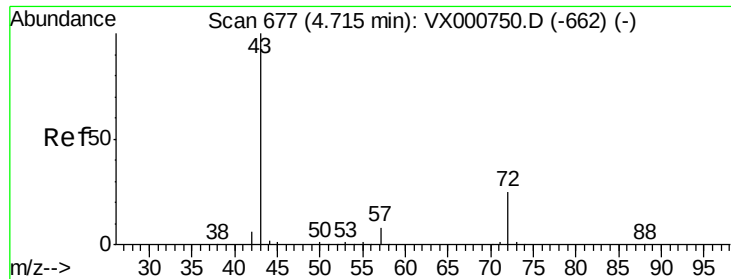
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

100 4.7 2.1 6.3





#25

2-Butanone

Concen: 106.183 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

Instrument :

MSVOA_X

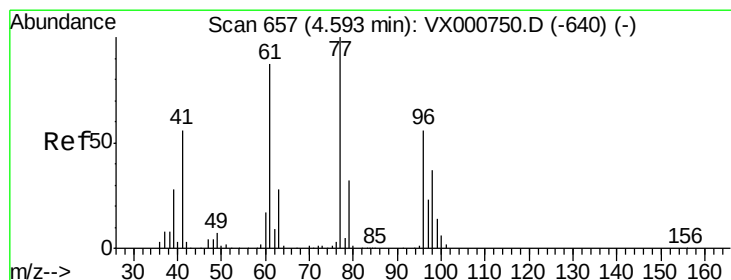
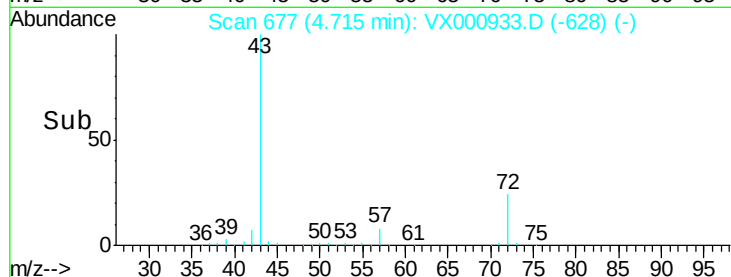
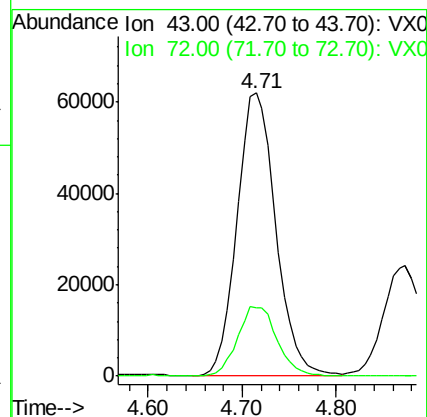
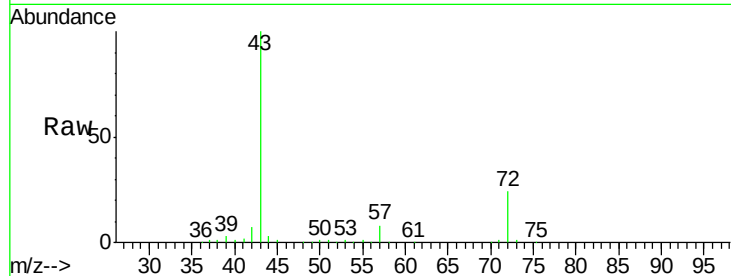
ClientSampleId :

Tot Ion: 43 Resp: 177856

Ion Ratio Lower Upper

43 100

72 24.4 20.3 30.5



#26

2,2-Dichloropropane

Concen: 17.833 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000933.D

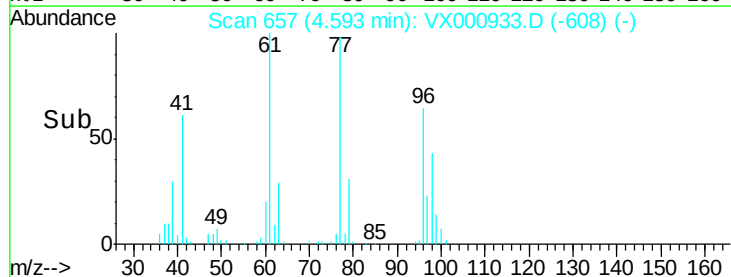
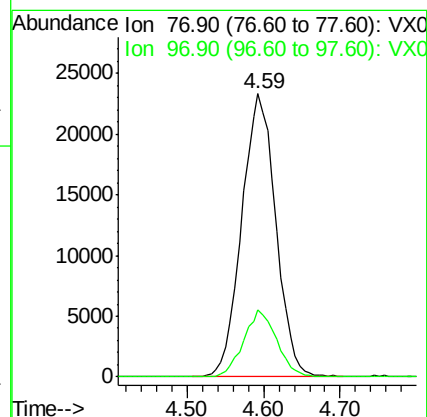
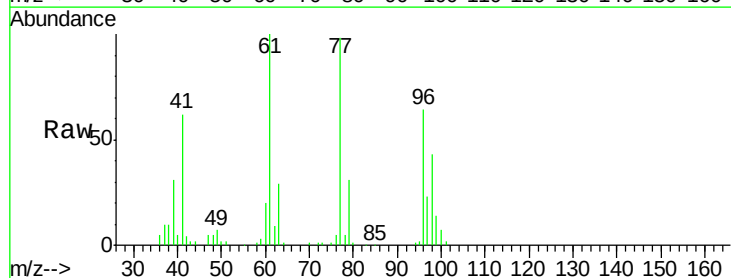
Acq: 16 Apr 2018 21:22

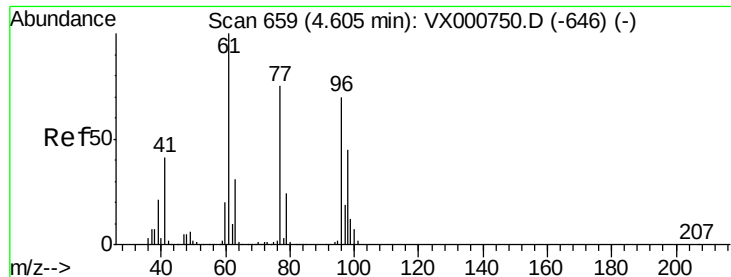
Tgt Ion: 77 Resp: 72264

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.4



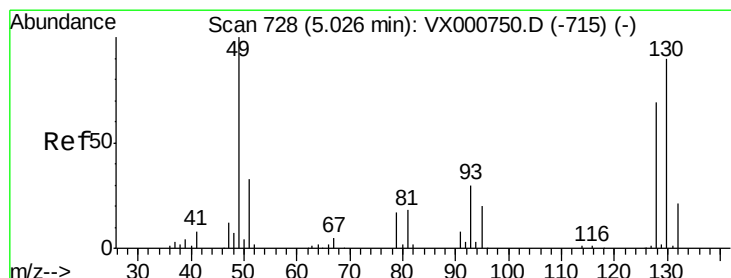
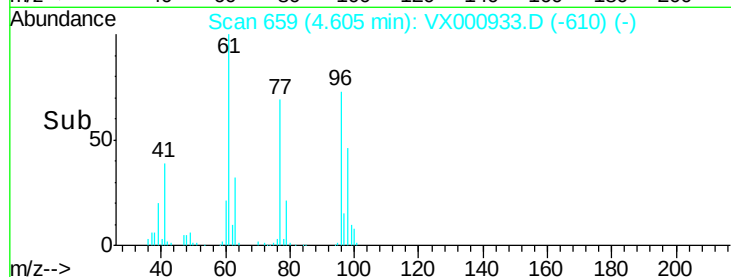
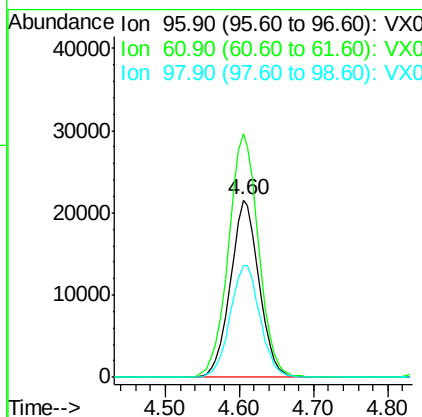
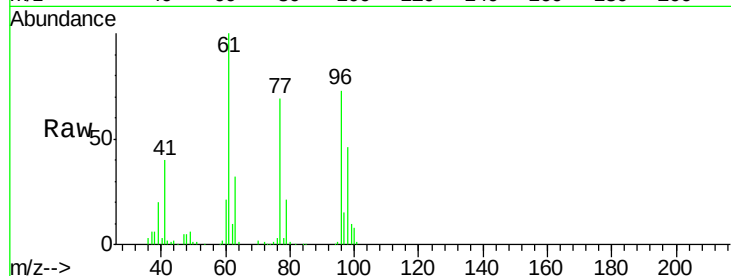


#27

cis-1,2-Dichloroethene
 Concen: 21.678 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX000933.D
 Acq: 16 Apr 2018 21:22

Instrument :
 MSVOA_X
 ClientSampleId :

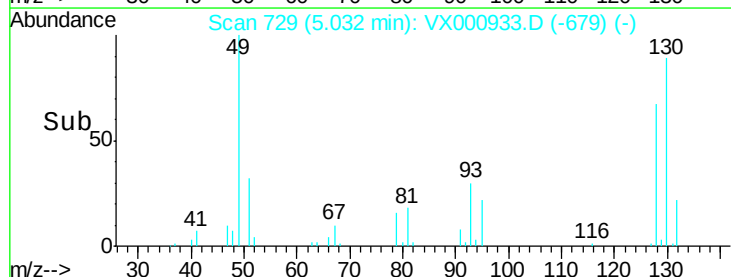
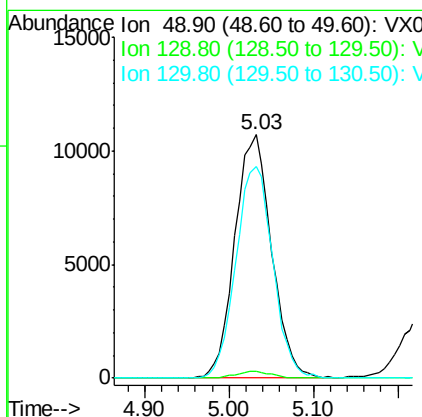
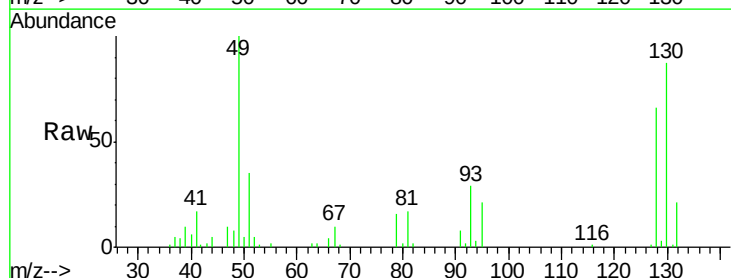
Tot Ion: 96 Resp: 58084
 Ion Ratio Lower Upper
 96 100
 61 144.3 0.0 292.4
 98 65.8 0.0 130.2

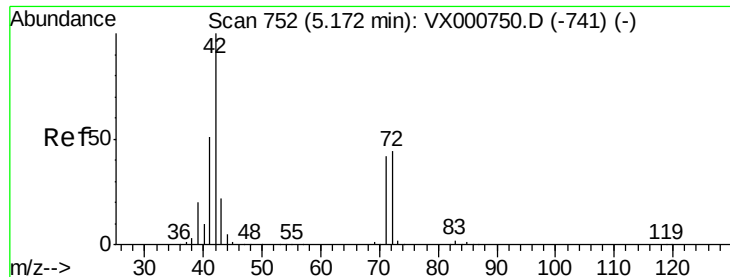


#28

Bromochloromethane
 Concen: 19.218 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. 0.01 min
 Lab File: VX000933.D
 Acq: 16 Apr 2018 21:22

Tgt Ion: 49 Resp: 31593
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.2
 130 87.4 72.6 109.0





#29

Tetrahydrofuran

Concen: 107.289 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

Instrument :

MSVOA_X

ClientSampled :

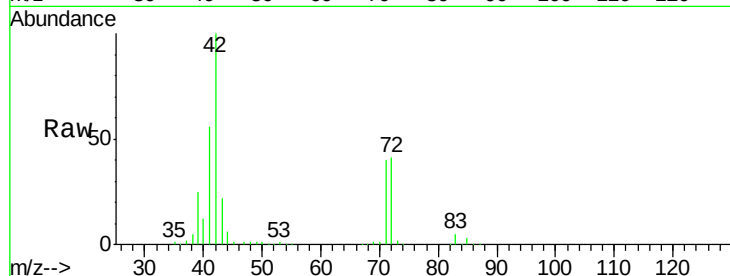
Tot Ion: 42 Resp: 114106

Ion Ratio Lower Upper

42 100

72 43.6 35.1 52.7

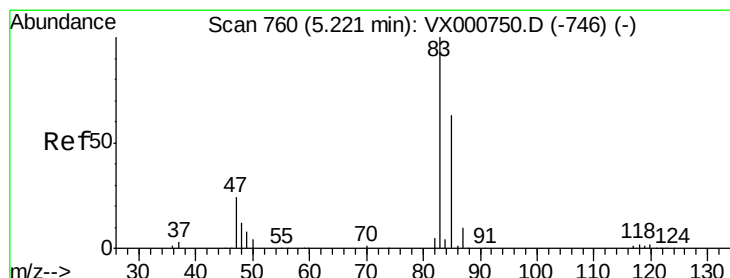
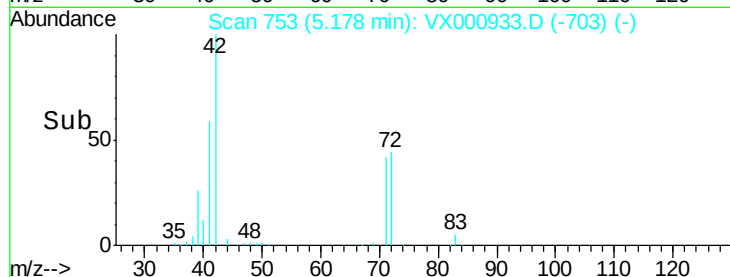
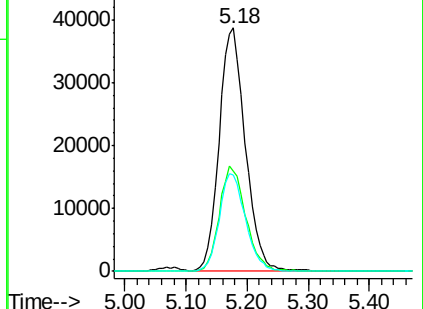
71 40.6 32.8 49.2



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 22.578 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX000933.D

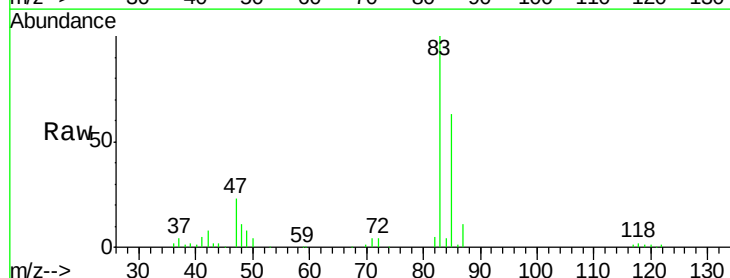
Acq: 16 Apr 2018 21:22

Tgt Ion: 83 Resp: 97593

Ion Ratio Lower Upper

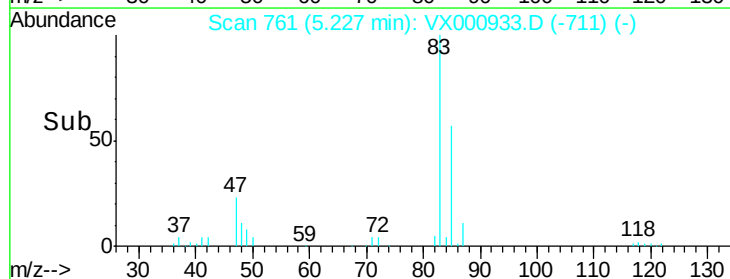
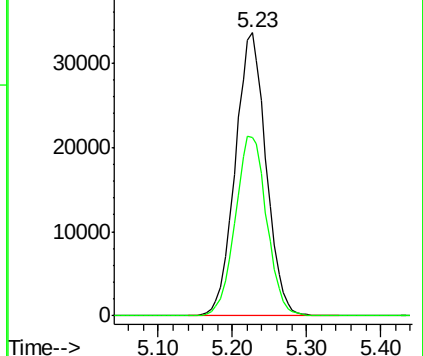
83 100

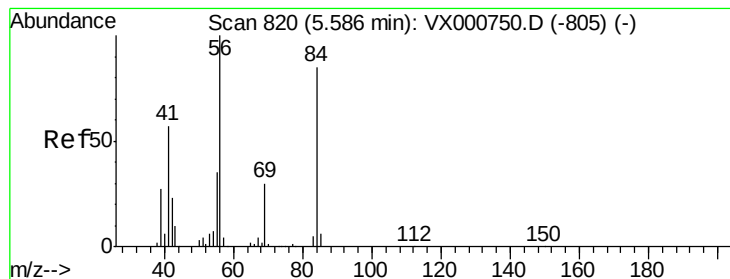
85 63.1 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 20.525 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

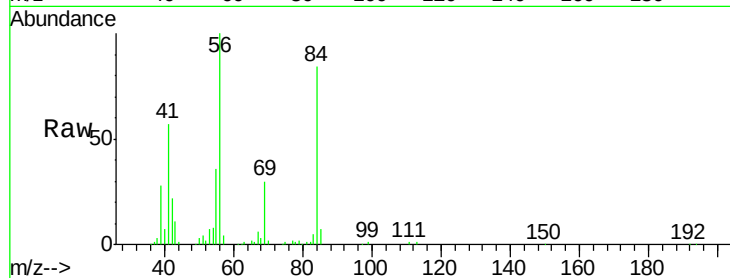
Tot Ion: 56 Resp: 79576

Ion Ratio Lower Upper

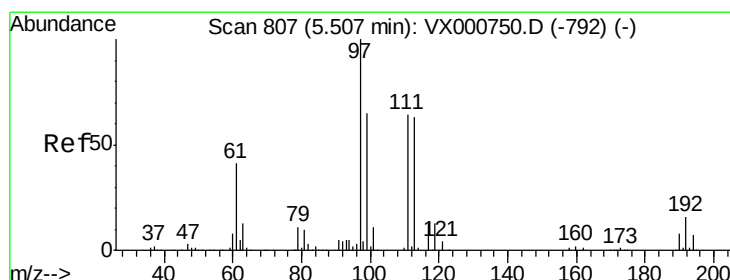
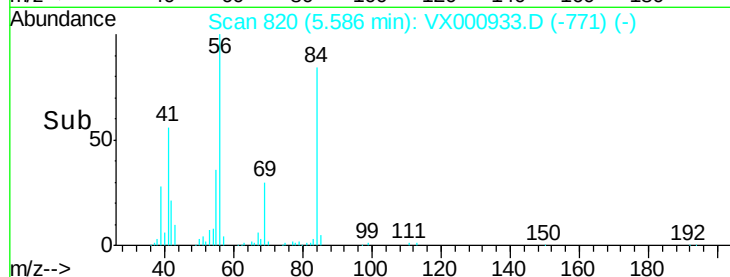
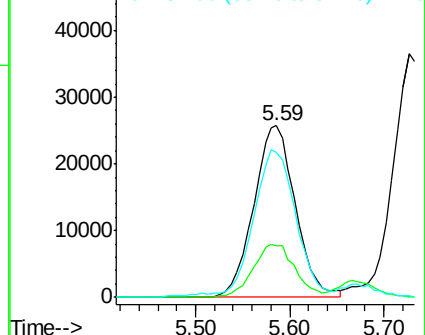
56 100

69 30.1 24.2 36.4

84 82.5 67.6 101.4



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



#32

1,1,1-Trichloroethane

Concen: 20.868 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

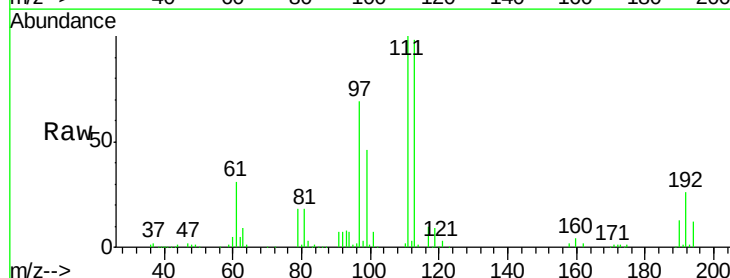
Tgt Ion: 97 Resp: 85932

Ion Ratio Lower Upper

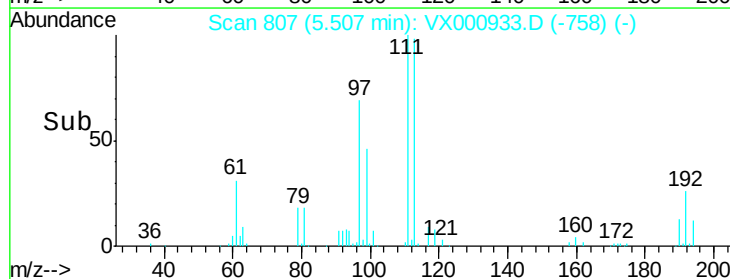
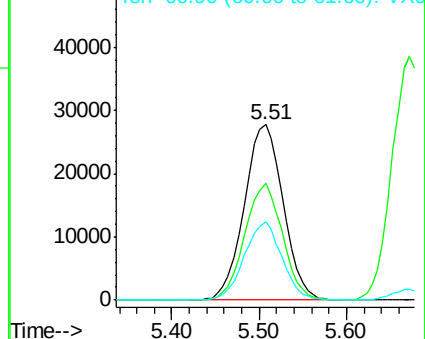
97 100

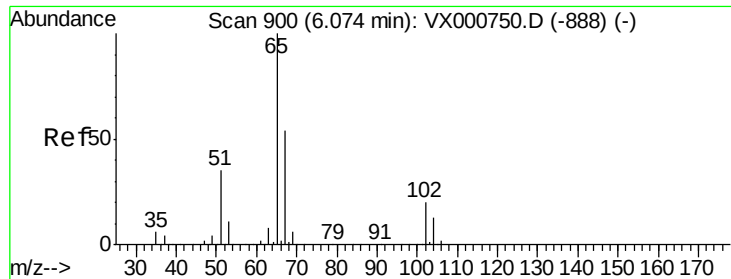
99 64.7 51.4 77.0

61 42.9 33.7 50.5



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

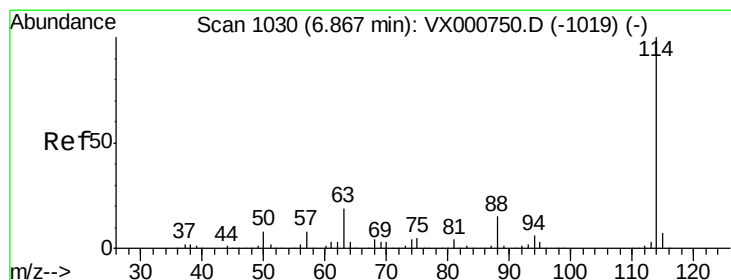
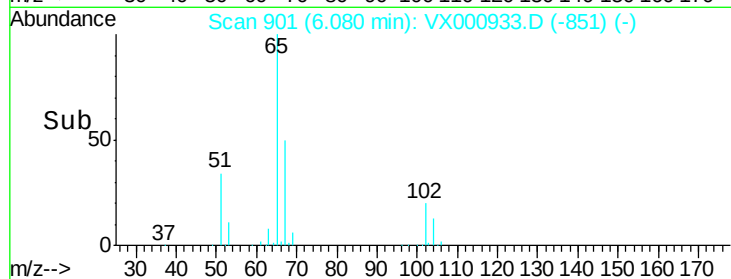
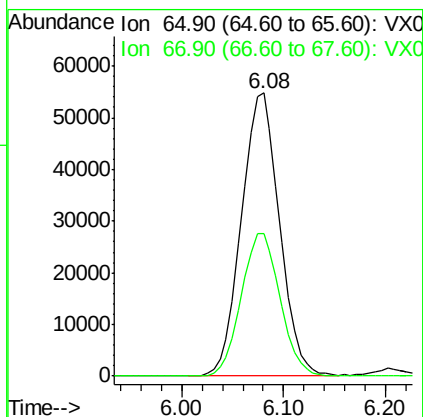
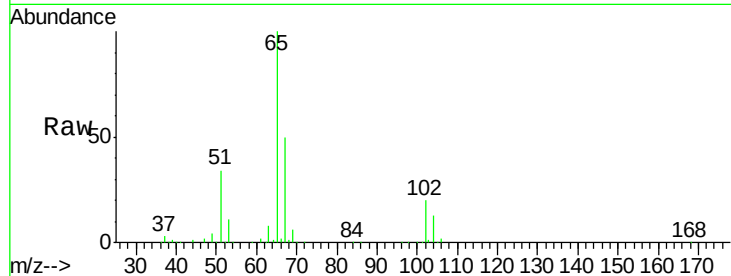




#33
 1,2-Dichloroethane-d4
 Concen: 48.373 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX000933.D
 Acq: 16 Apr 2018 21:22

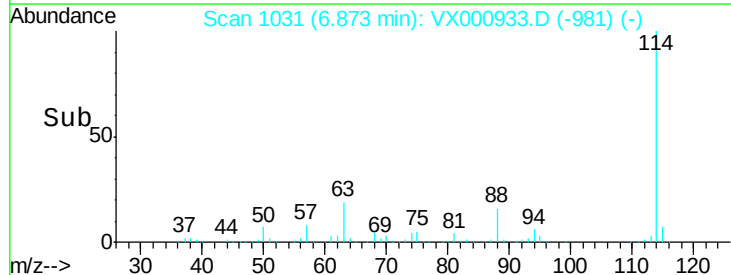
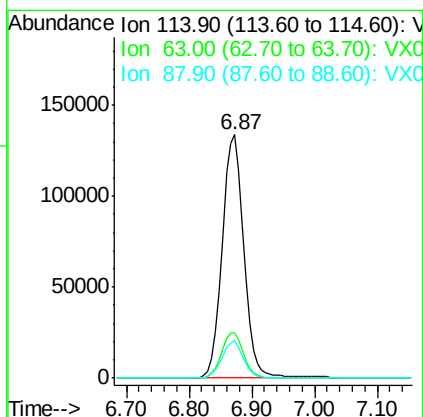
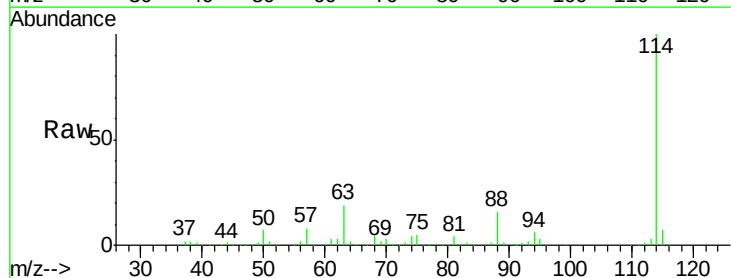
Instrument :
 MSVOA_X
 ClientSampleId :

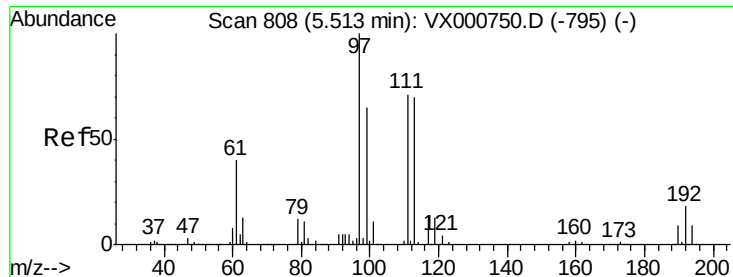
Tot Ion: 65 Resp: 142279
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX000933.D
 Acq: 16 Apr 2018 21:22

Tgt Ion: 114 Resp: 320999
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.4
 88 15.6 0.0 31.0

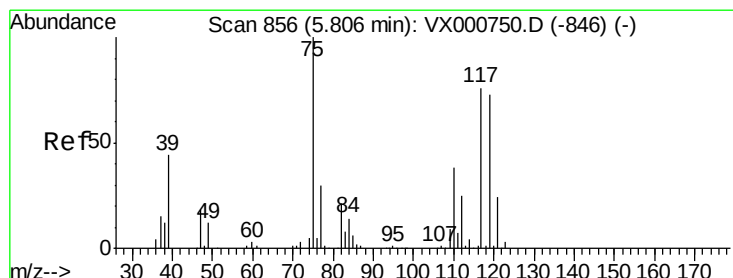
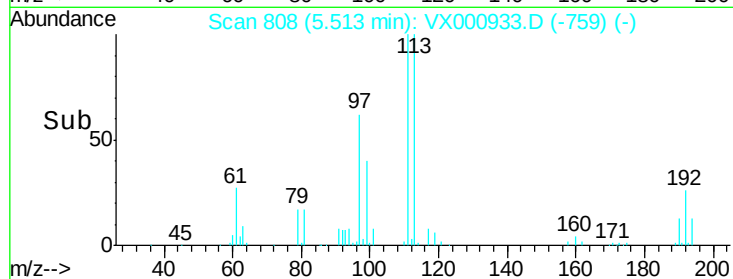
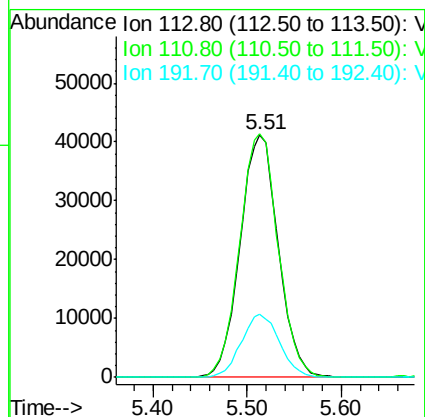
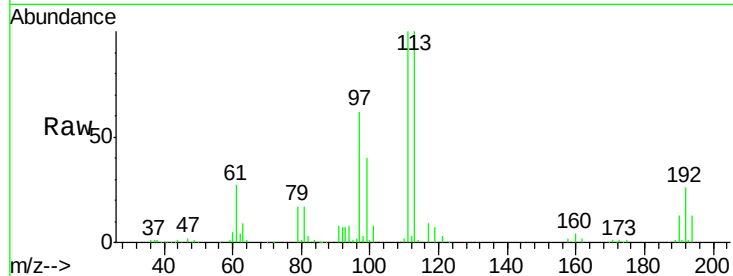




#35
 Dibromofluoromethane
 Concen: 47.306 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000933.D
 Acq: 16 Apr 2018 21:22

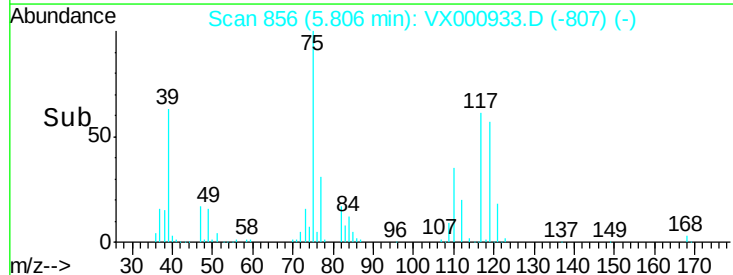
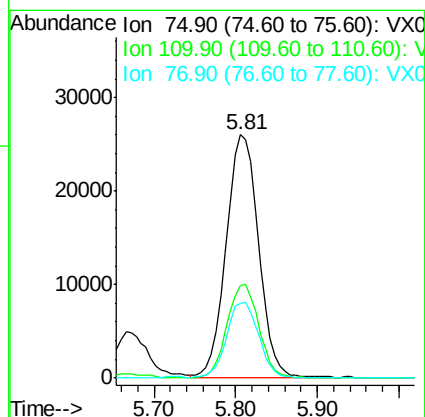
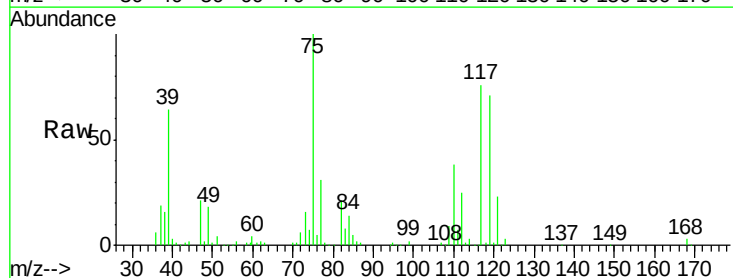
Instrument :
 MSVOA_X
 ClientSampled :

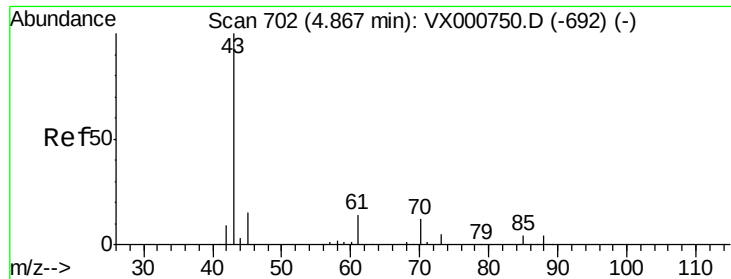
Tot Ion:113 Resp: 116992
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.5 122.3
 192 26.1 20.4 30.6



#36
 1,1-Dichloropropene
 Concen: 20.047 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX000933.D
 Acq: 16 Apr 2018 21:22

Tgt Ion: 75 Resp: 70872
 Ion Ratio Lower Upper
 75 100
 110 38.4 19.2 57.6
 77 30.7 25.4 38.2





#37

Ethyl Acetate

Concen: 20.508 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

Instrument :

MSVOA_X

ClientSampled :

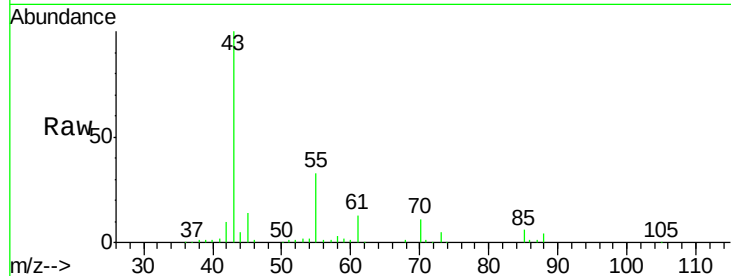
Tot Ion: 43 Resp: 70777

Ion Ratio Lower Upper

43 100

61 13.5 11.0 16.4

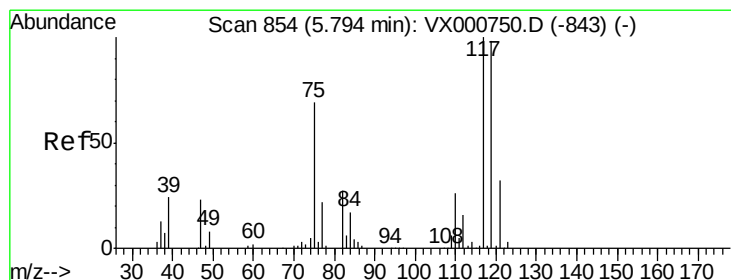
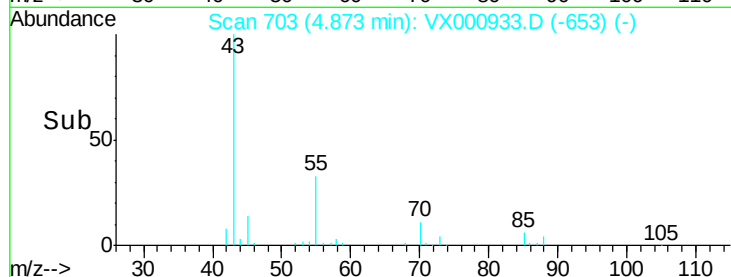
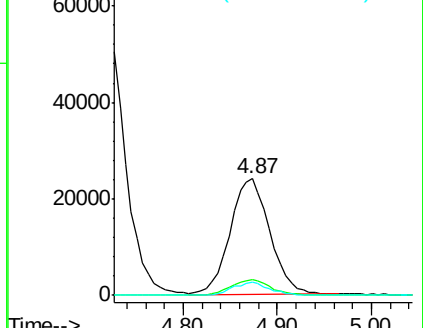
70 10.5 8.7 13.1



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: 18.666 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

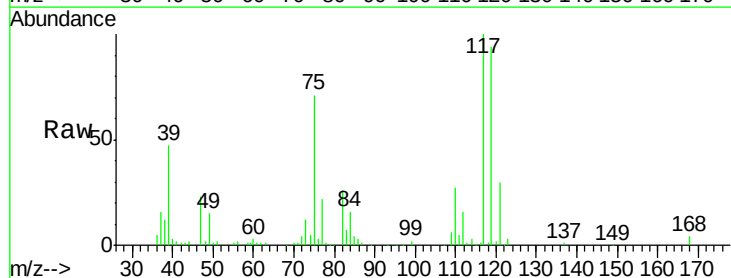
Tgt Ion: 117 Resp: 73859

Ion Ratio Lower Upper

117 100

119 94.5 78.4 117.6

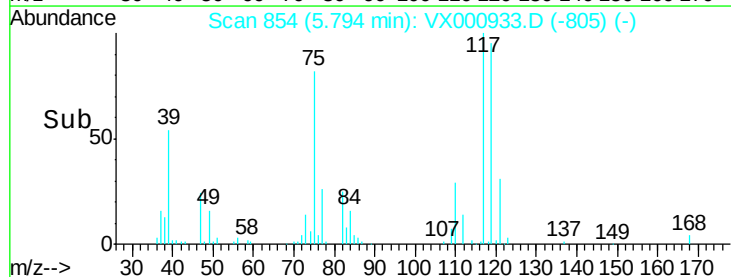
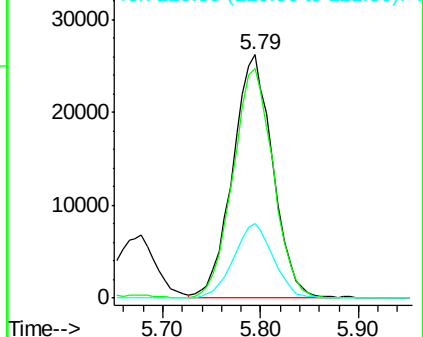
121 30.6 25.4 38.0

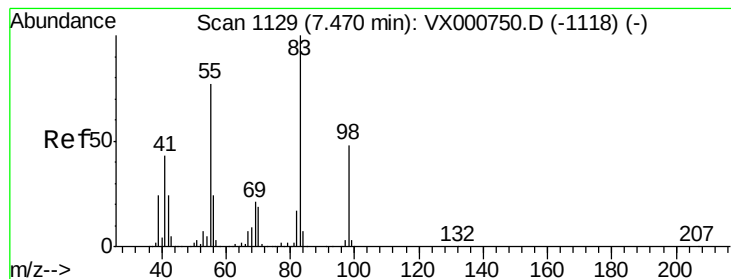


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methylvlcyclohexane

Concen: 18.790 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

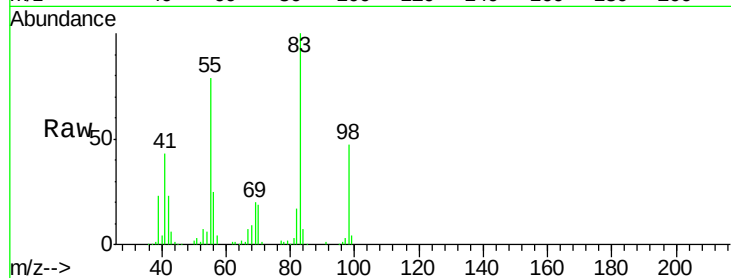
Tot Ion: 83 Resp: 79771

Ion Ratio Lower Upper

83 100

55 79.0 61.5 92.3

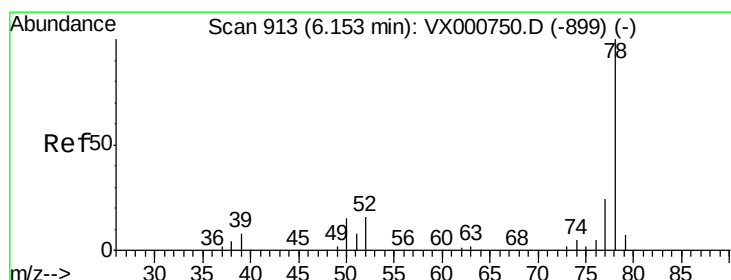
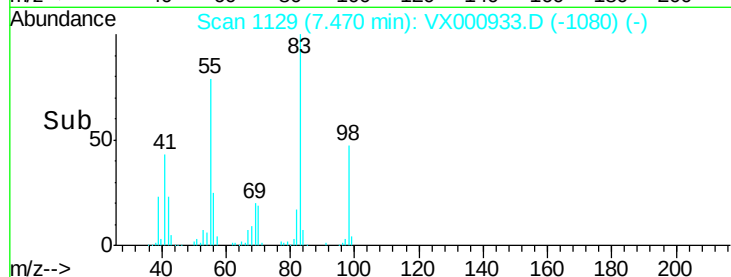
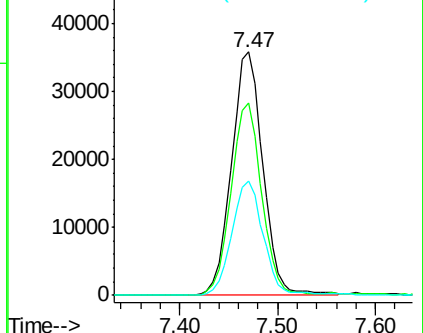
98 47.1 38.1 57.1



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: 21.375 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX000933.D

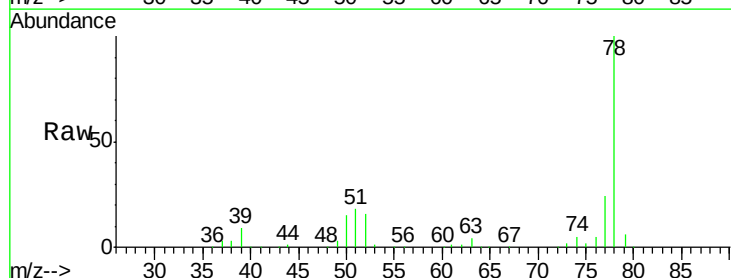
Acq: 16 Apr 2018 21:22

Tgt Ion: 78 Resp: 209964

Ion Ratio Lower Upper

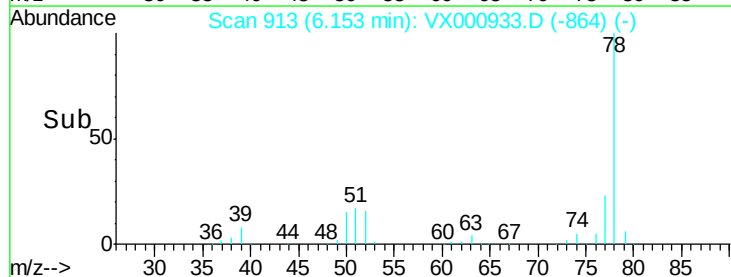
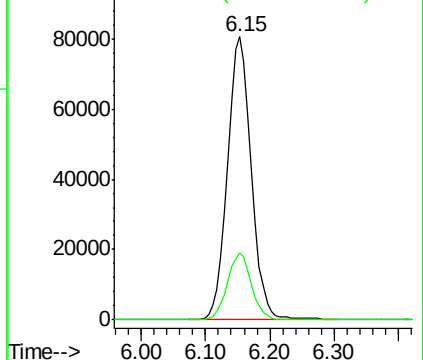
78 100

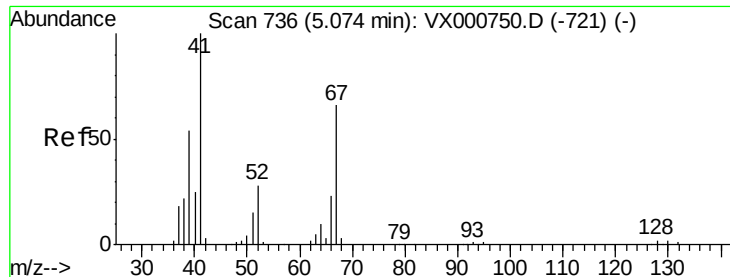
77 23.6 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

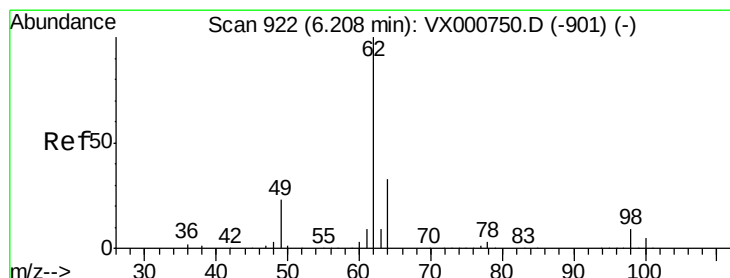
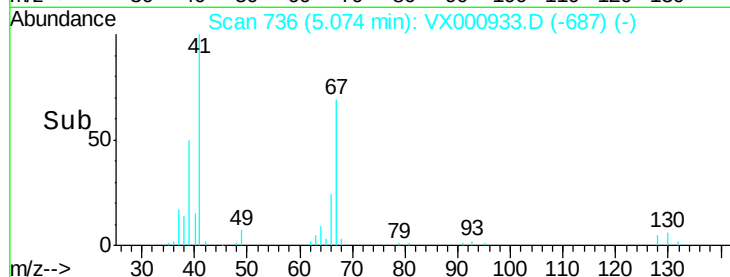
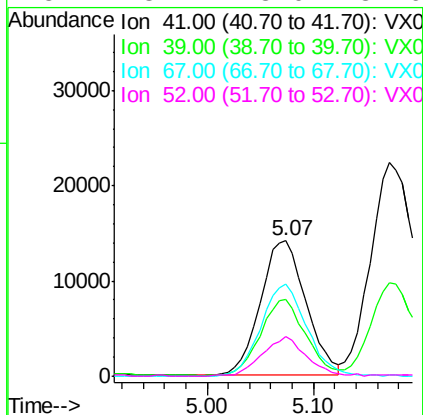
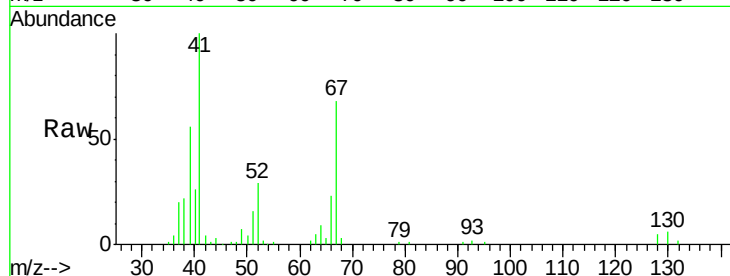




#41
Methacrylonitrile
Concen: 21.229 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000933.D
Acq: 16 Apr 2018 21:22

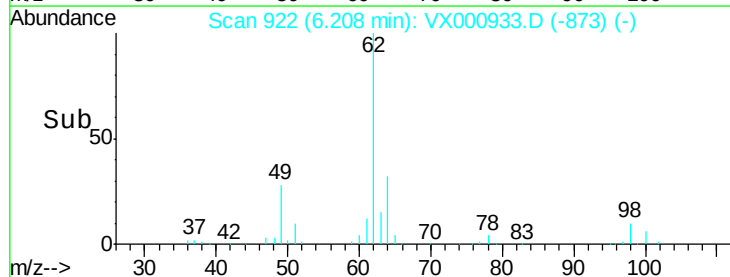
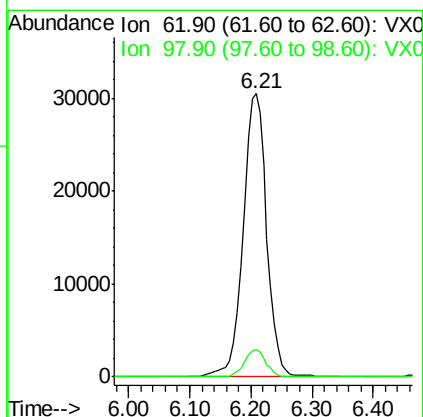
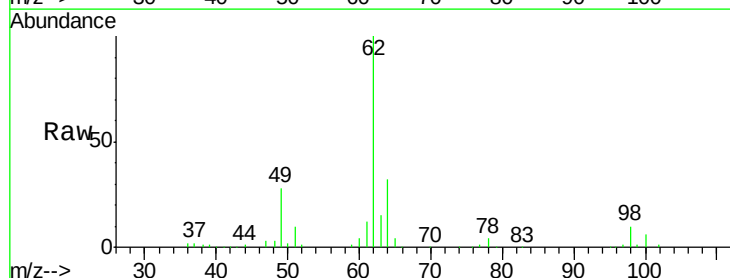
Instrument :
MSVOA_X
ClientSampleId :

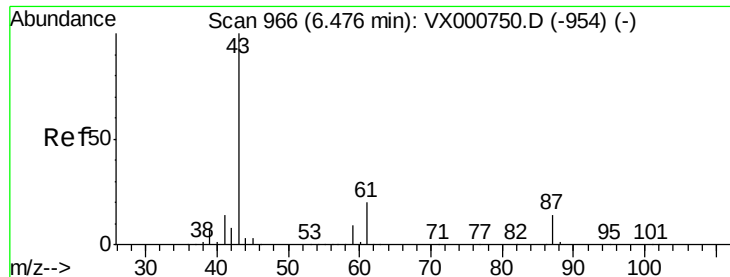
Tot Ion:	41	Resp:	42328
Ion	Ratio	Lower	Upper
41	100		
39	57.5	44.9	67.3
67	68.6	54.7	82.1
52	28.2	23.0	34.6



#42
1,2-Dichloroethane
Concen: 22.170 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000933.D
Acq: 16 Apr 2018 21:22

Tgt Ion:	62	Resp:	81334
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.6



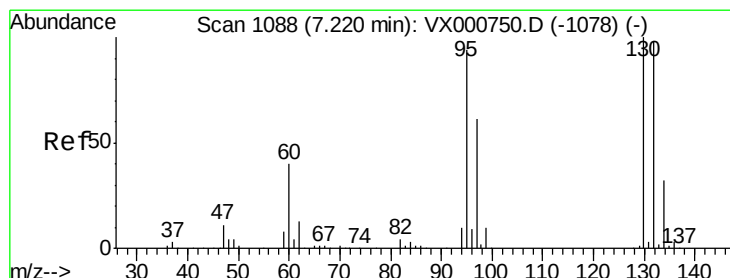
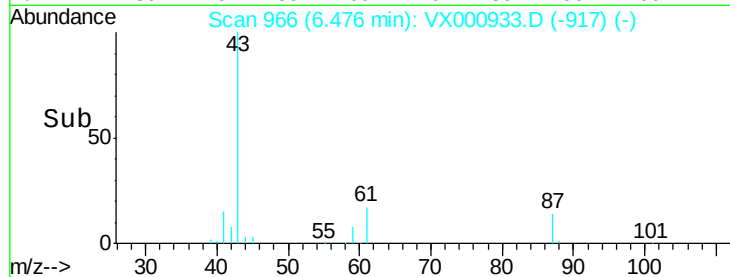
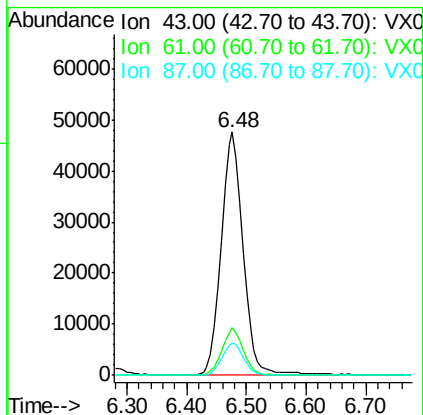
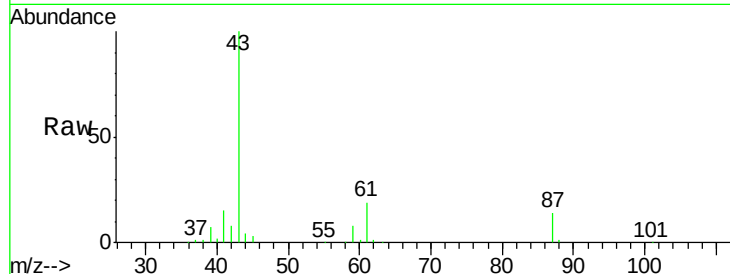


#43

Isopropyl Acetate
 Concen: 20.356 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000933.D
 Acq: 16 Apr 2018 21:22

Instrument :
 MSVOA_X
 ClientSampled :

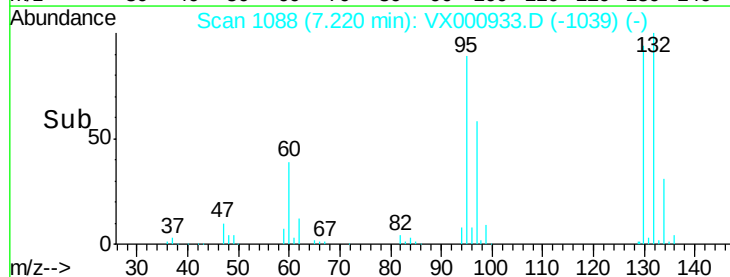
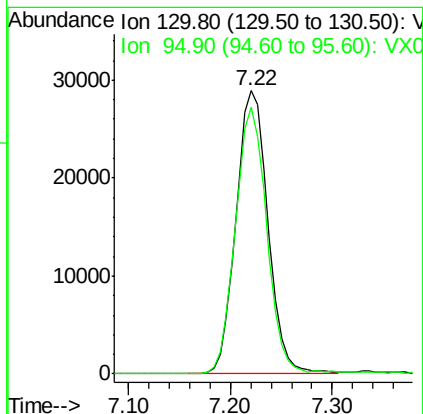
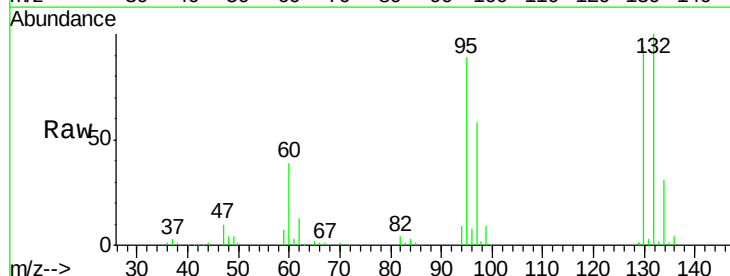
Tot Ion: 43 Resp: 120441
 Ion Ratio Lower Upper
 43 100
 61 19.2 15.6 23.4
 87 13.3 10.7 16.1

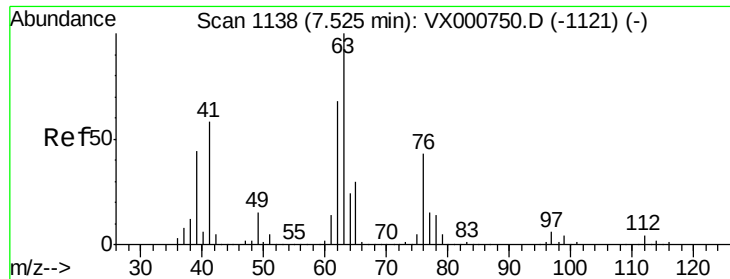


#44

Trichloroethene
 Concen: 20.549 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000933.D
 Acq: 16 Apr 2018 21:22

Tgt Ion:130 Resp: 62776
 Ion Ratio Lower Upper
 130 100
 95 94.3 0.0 187.0

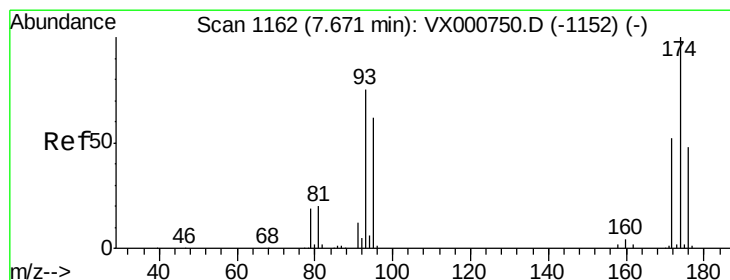
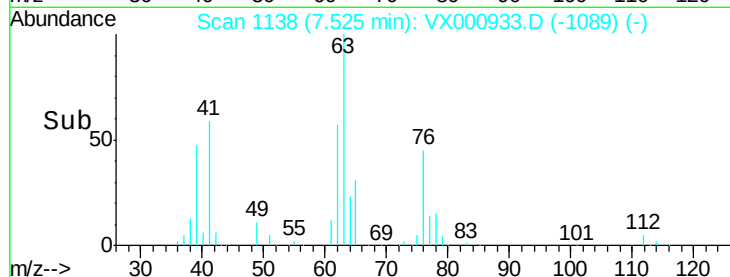
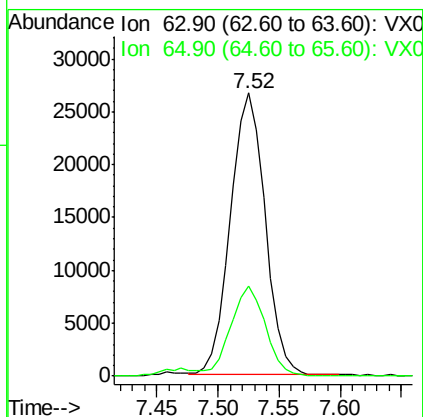
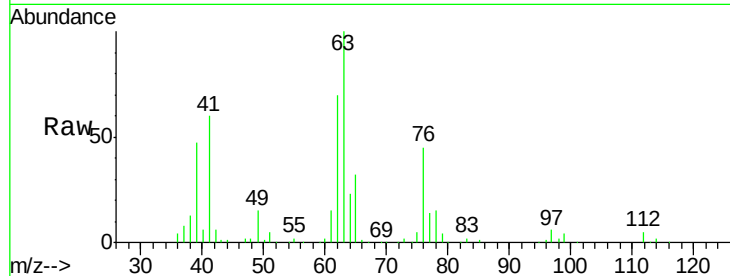




#45
 1,2-Dichloropropane
 Concen: 21.010 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000933.D
 Acq: 16 Apr 2018 21:22

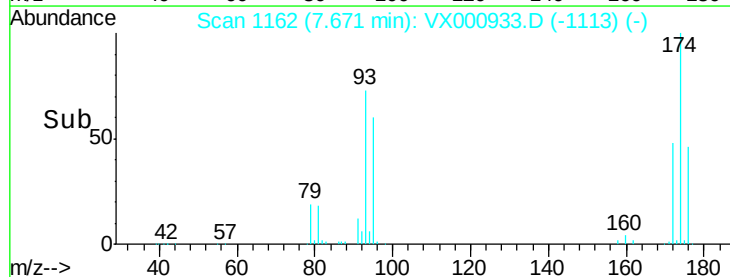
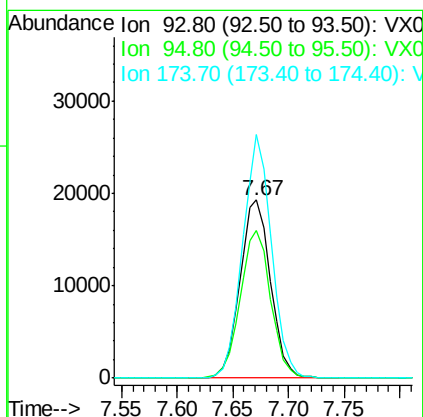
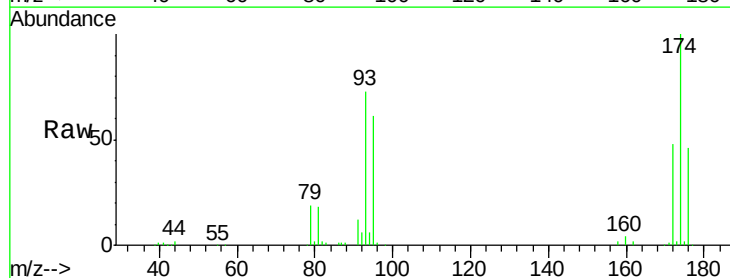
Instrument :
 MSVOA_X
 ClientSampled :

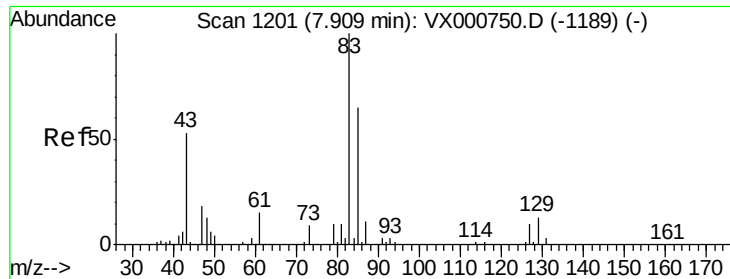
Tot Ion: 63 Resp: 52554
 Ion Ratio Lower Upper
 63 100
 65 31.8 23.7 35.5



#46
 Dibromomethane
 Concen: 21.078 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000933.D
 Acq: 16 Apr 2018 21:22

Tgt Ion: 93 Resp: 36759
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.6 100.0
 174 129.1 104.5 156.7





#47

Bromodichloromethane

Concen: 19.649 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

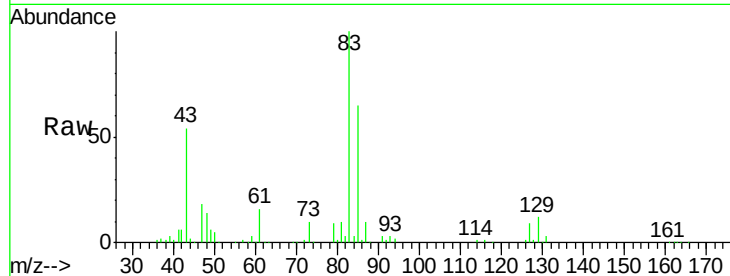
Tot Ion: 83 Resp: 69159

Ion Ratio Lower Upper

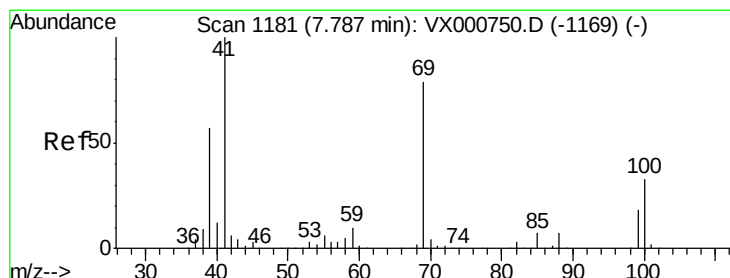
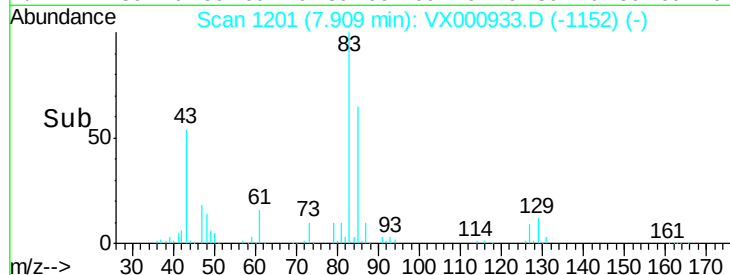
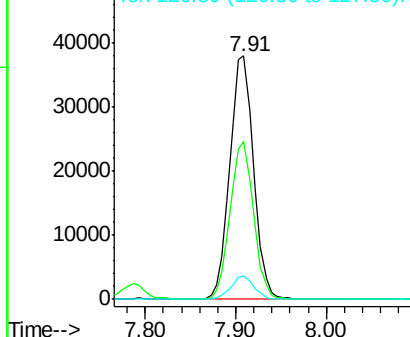
83 100

85 64.6 52.2 78.4

127 9.5 7.8 11.8



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



#48

Methyl methacrylate

Concen: 20.476 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

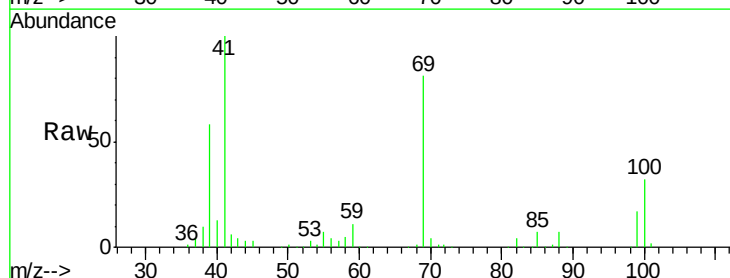
Tgt Ion: 41 Resp: 62799

Ion Ratio Lower Upper

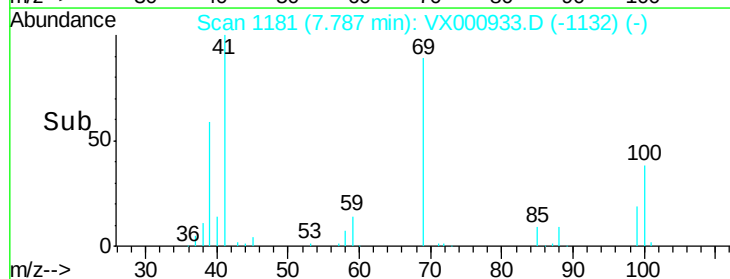
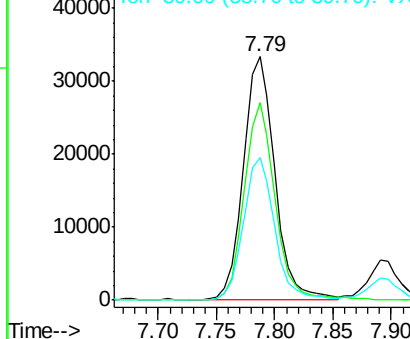
41 100

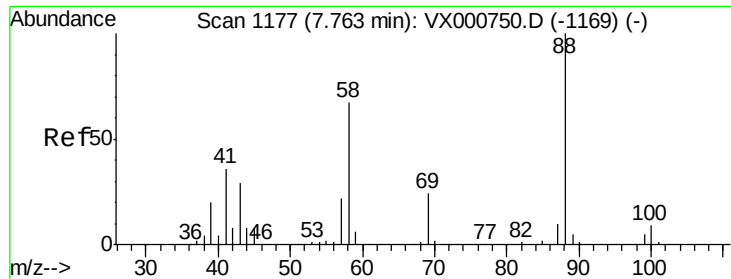
69 80.7 63.9 95.9

39 57.4 45.9 68.9



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

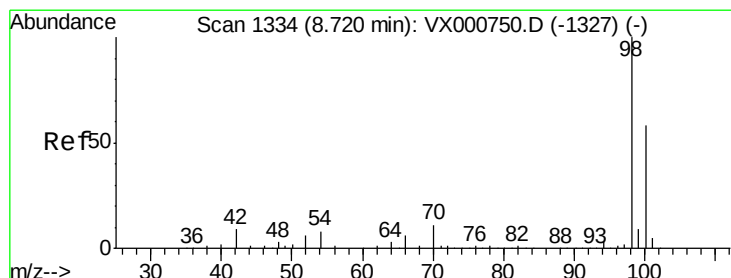
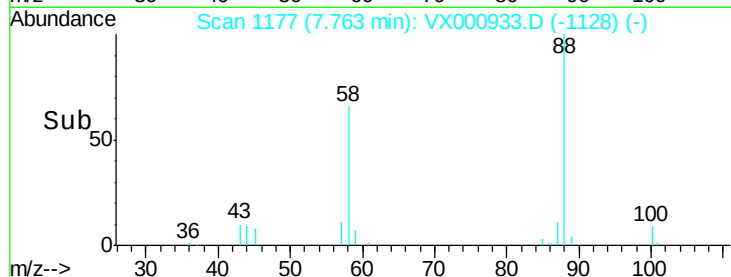
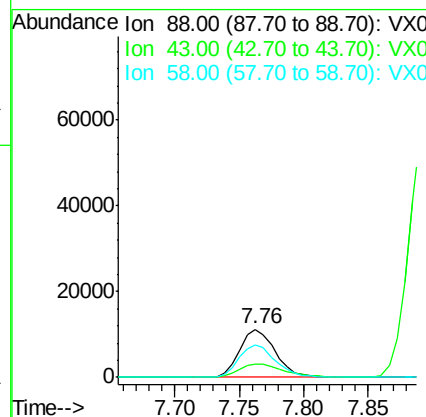
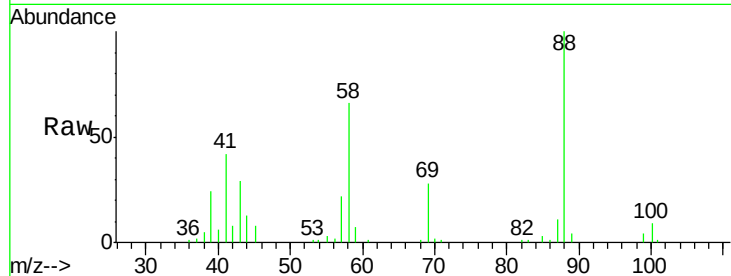




#49
1,4-Dioxane
Concen: 348.212 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX000933.D
Acq: 16 Apr 2018 21:22

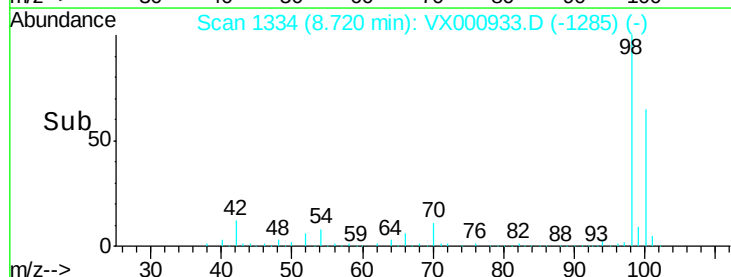
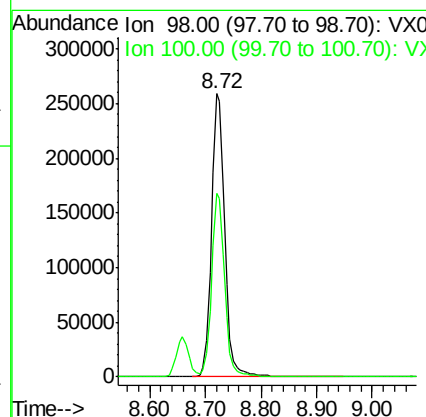
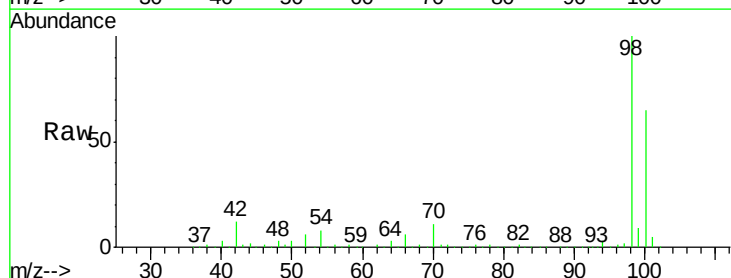
Instrument :
MSVOA_X
ClientSampled :

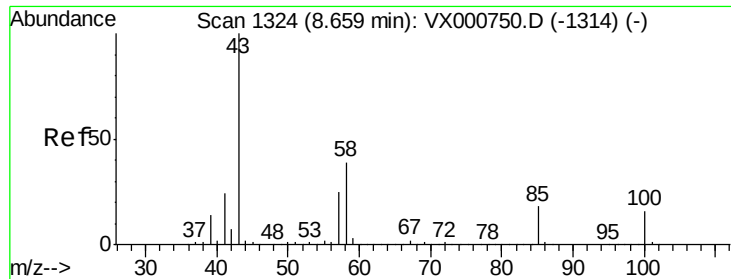
Tot Ion: 88 Resp: 21462
Ion Ratio Lower Upper
88 100
43 34.5 25.8 38.8
58 70.3 54.4 81.6



#50
Toluene-d8
Concen: 47.186 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000933.D
Acq: 16 Apr 2018 21:22

Tgt Ion: 98 Resp: 434503
Ion Ratio Lower Upper
98 100
100 64.2 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 107.355 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

Instrument :

MSVOA_X

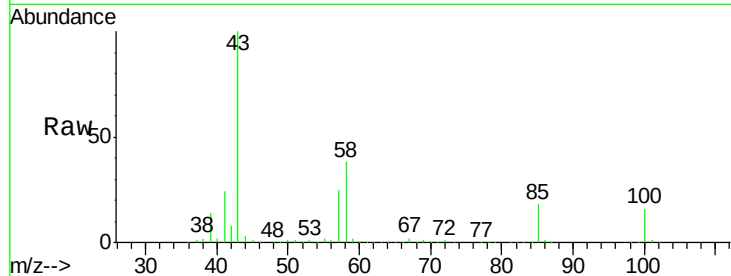
ClientSampleId :

Tot Ion: 43 Resp: 373126

Ion Ratio Lower Upper

43 100

58 37.0 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

250000

200000

150000

100000

50000

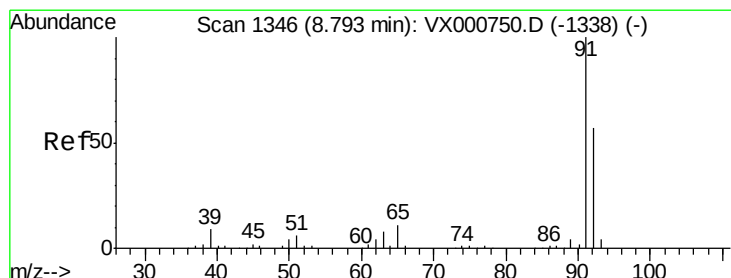
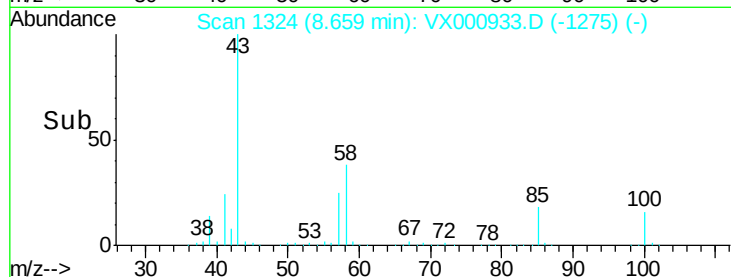
0

8.60

8.70

8.80

Time-->



#52

Toluene

Concen: 21.085 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000933.D

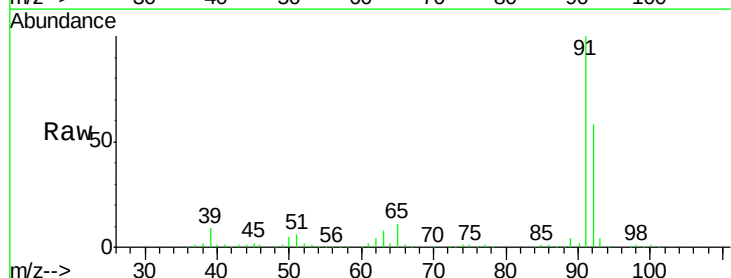
Acq: 16 Apr 2018 21:22

Tgt Ion: 92 Resp: 137408

Ion Ratio Lower Upper

92 100

91 173.7 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

150000

100000

50000

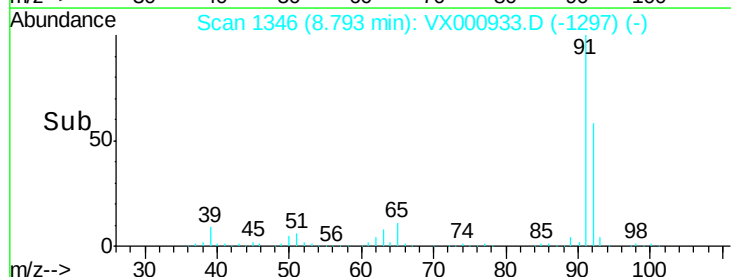
0

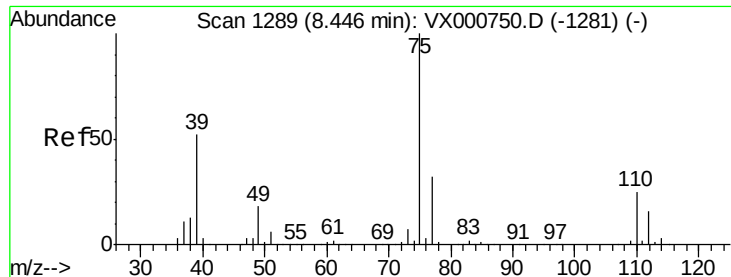
8.70

8.80

8.90

Time-->

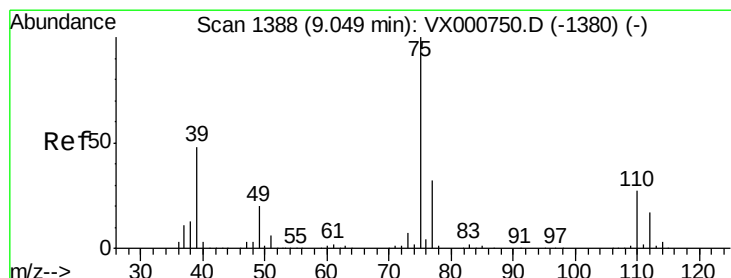
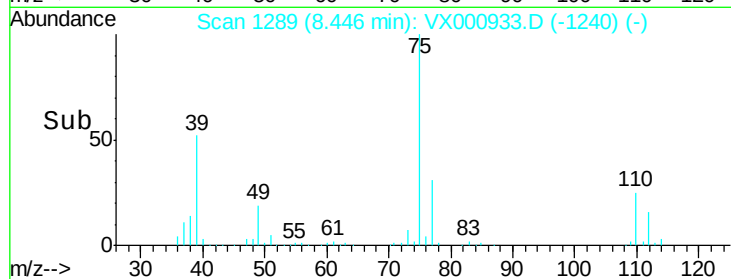
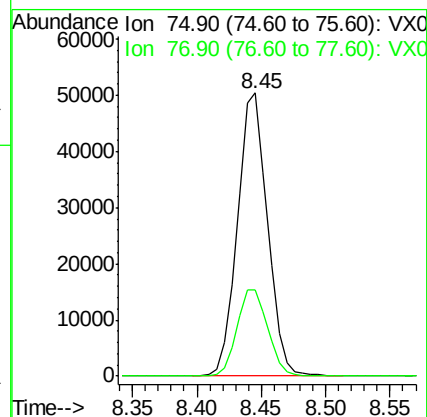
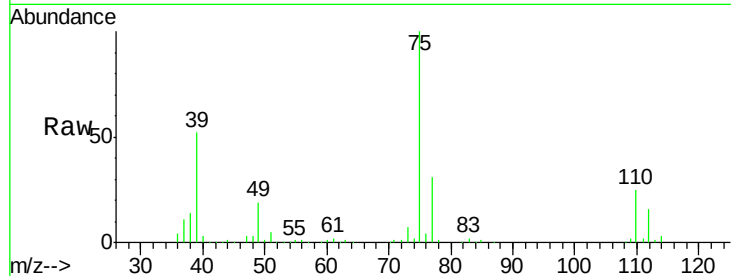




#53
 t-1,3-Dichloropropene
 Concen: 19.365 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000933.D
 Acq: 16 Apr 2018 21:22

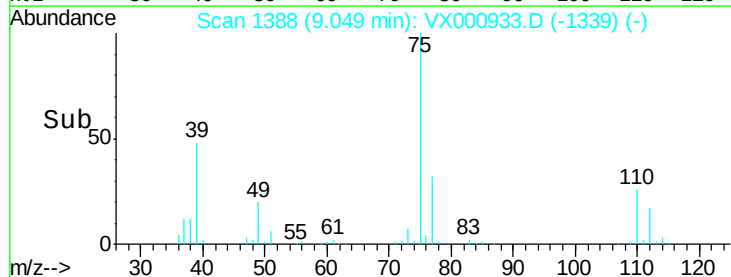
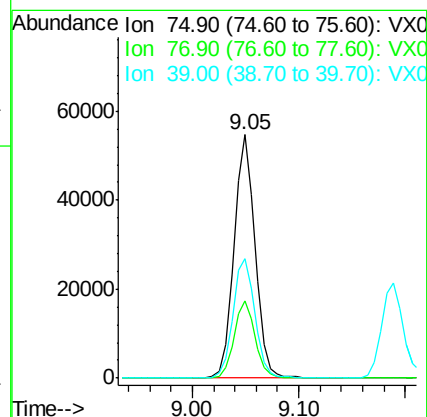
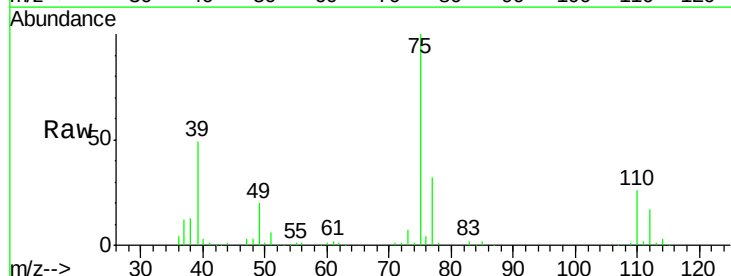
Instrument :
 MSVOA_X
 ClientSampleId :

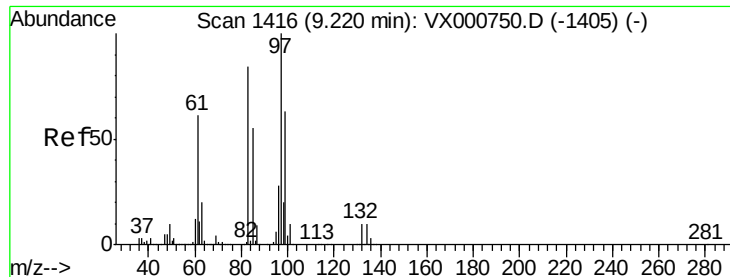
Tot Ion: 75 Resp: 81756
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 18.498 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000933.D
 Acq: 16 Apr 2018 21:22

Tgt Ion: 75 Resp: 76045
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.2
 39 48.8 38.6 58.0

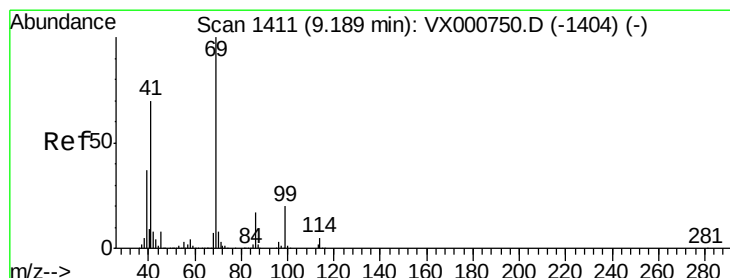
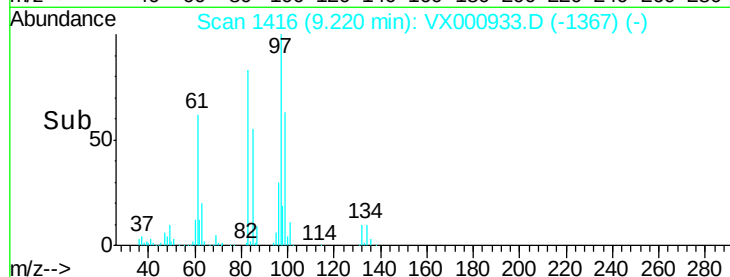
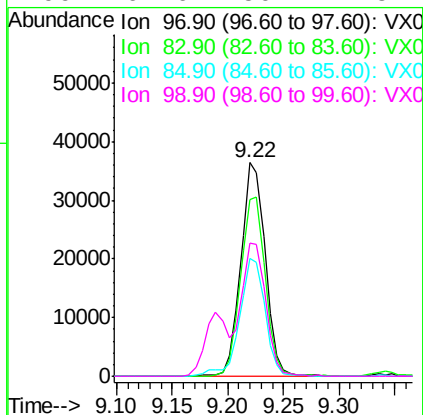
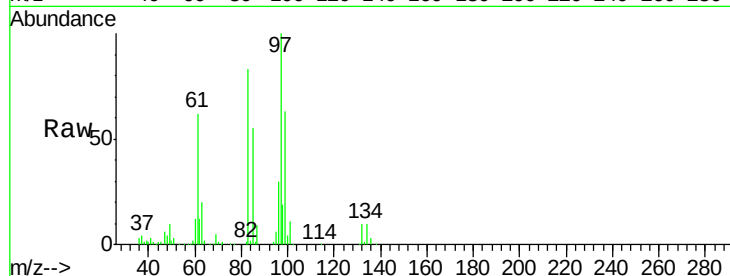




#55
 1,1,2-Trichloroethane
 Concen: 21.447 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX000933.D
 Acq: 16 Apr 2018 21:22

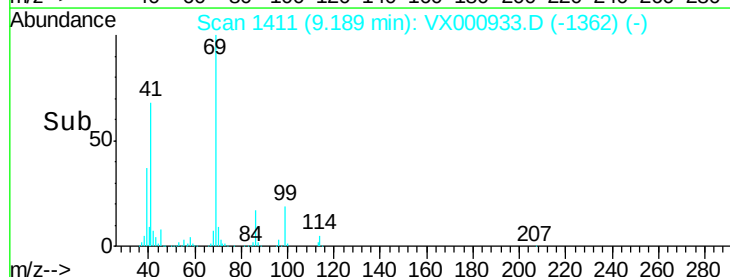
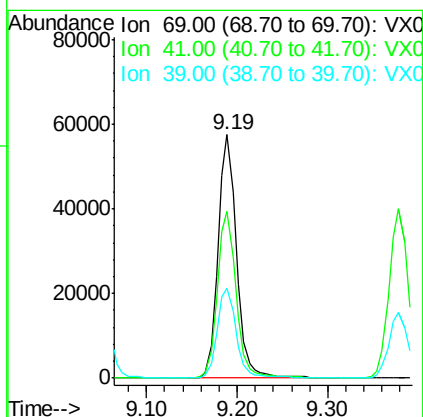
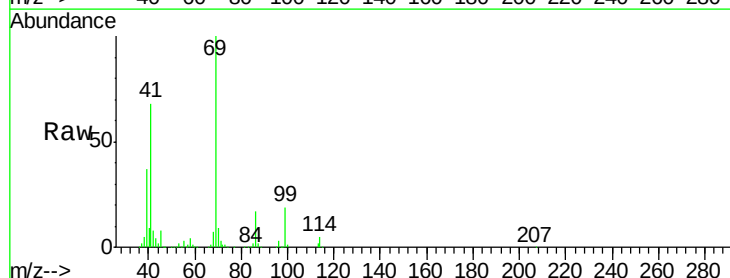
Instrument :
 MSVOA_X
 ClientSampleId :

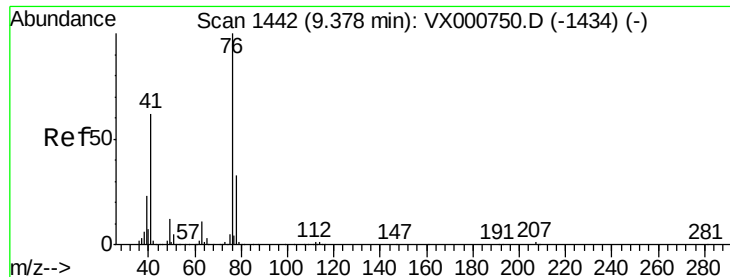
Tot Ion:	97	Resp:	55486
Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.6	101.4
85	55.4	43.8	65.6
99	62.6	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 20.632 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000933.D
 Acq: 16 Apr 2018 21:22

Tgt Ion:	69	Resp:	82341
Ion	Ratio	Lower	Upper
69	100		
41	69.3	55.6	83.4
39	38.0	30.3	45.5





#57

1,3-Dichloropropane

Concen: 22.358 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

Instrument :

MSVOA_X

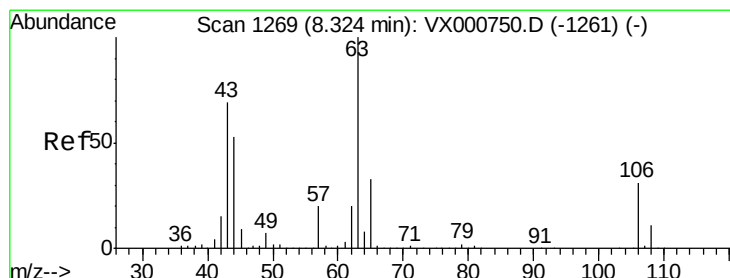
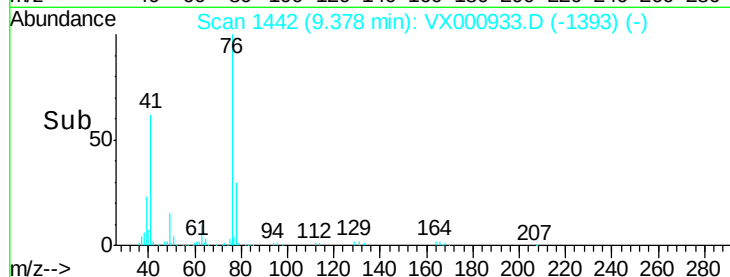
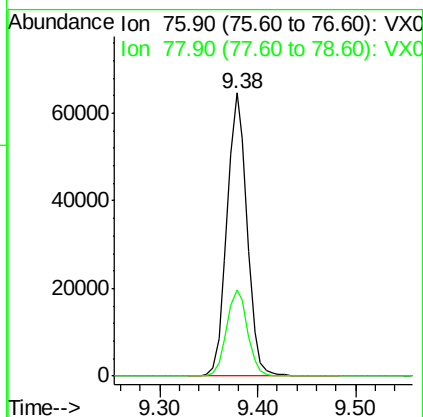
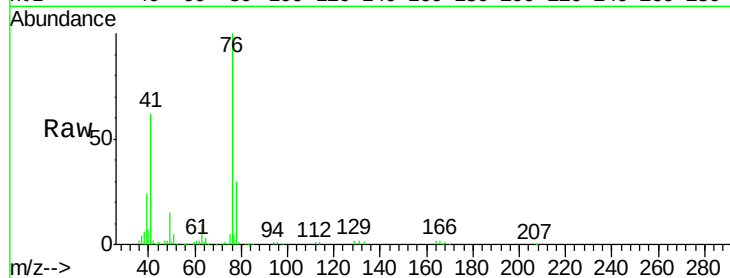
ClientSampled :

Tot Ion: 76 Resp: 91957

Ion Ratio Lower Upper

76 100

78 31.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 105.880 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000933.D

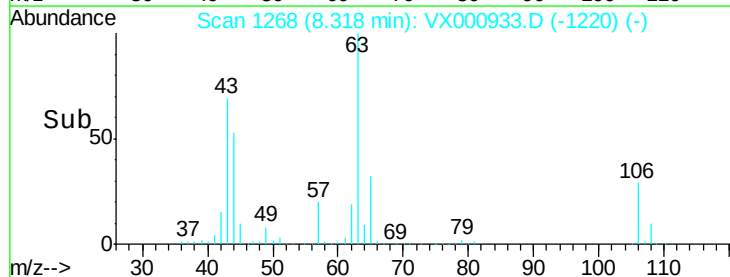
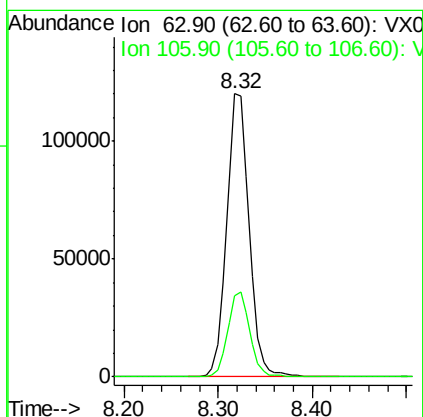
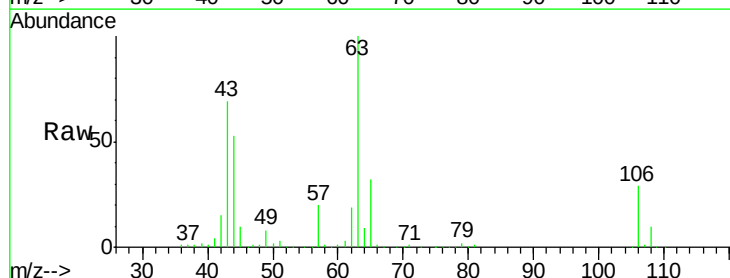
Acq: 16 Apr 2018 21:22

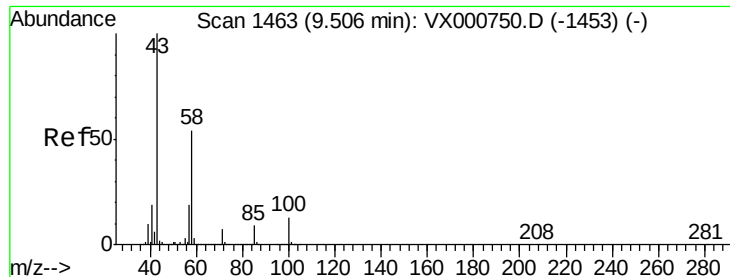
Tgt Ion: 63 Resp: 197425

Ion Ratio Lower Upper

63 100

106 29.5 24.3 36.5

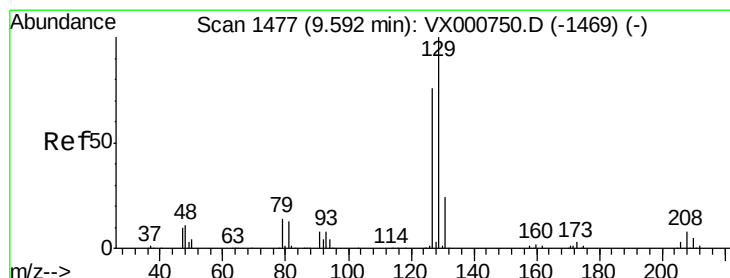
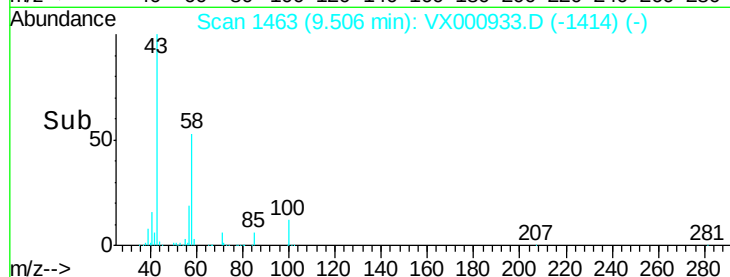
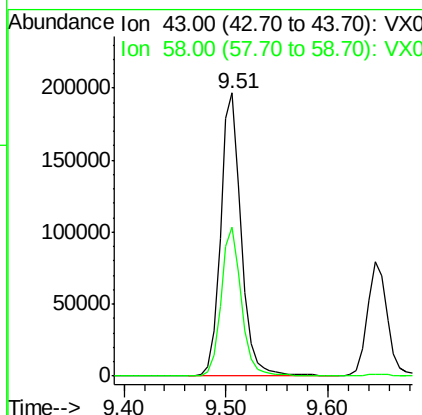
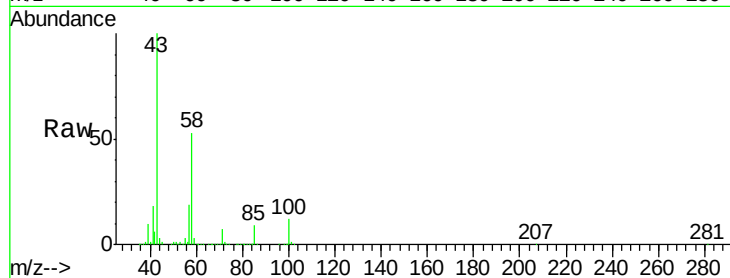




#59
2-Hexanone
Concen: 102.536 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000933.D
Acq: 16 Apr 2018 21:22

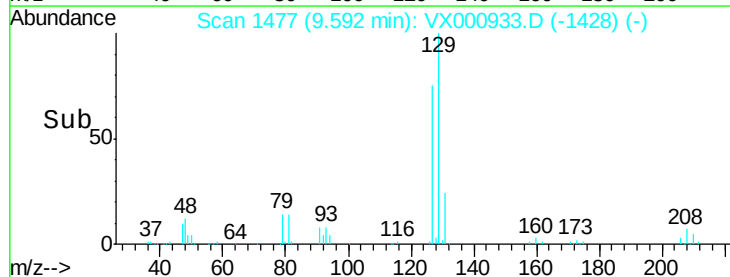
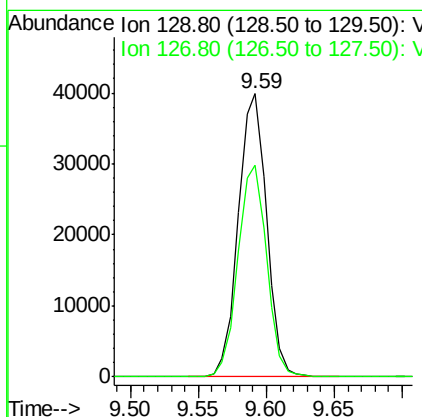
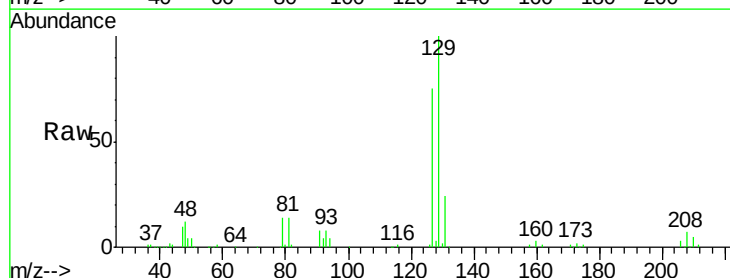
Instrument :
MSVOA_X
ClientSampleId :

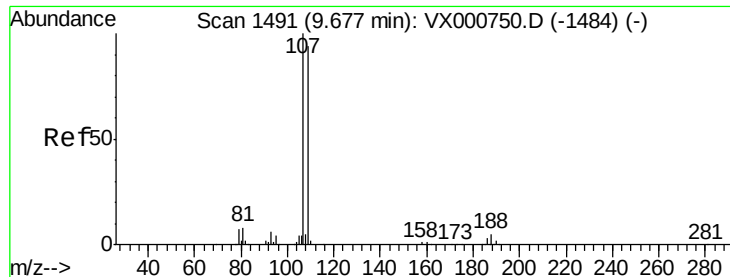
Tot Ion: 43 Resp: 275127
Ion Ratio Lower Upper
43 100
58 52.1 26.5 79.5



#60
Dibromochloromethane
Concen: 18.754 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000933.D
Acq: 16 Apr 2018 21:22

Tgt Ion:129 Resp: 58053
Ion Ratio Lower Upper
129 100
127 75.8 38.4 115.1





#61

1,2-Dibromoethane

Concen: 21.248 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

Instrument :

MSVOA_X

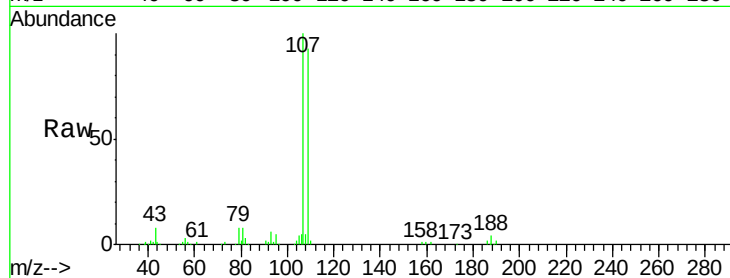
ClientSampleId :

Tot Ion:107 Resp: 58317

Ion Ratio Lower Upper

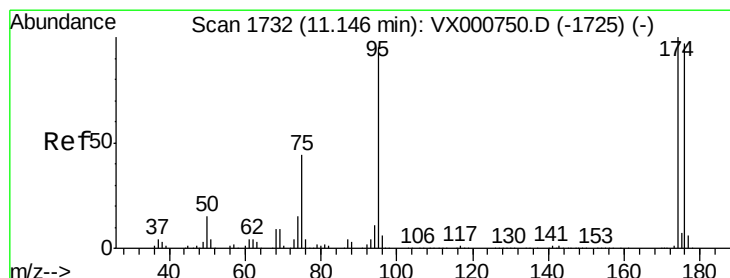
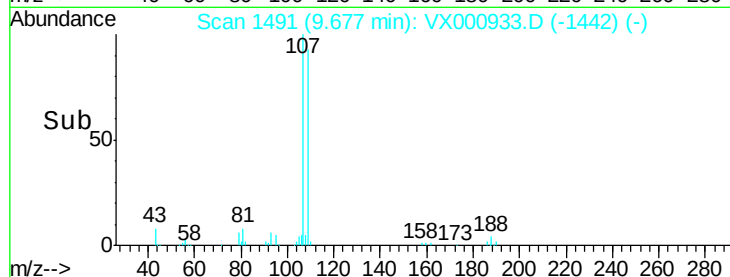
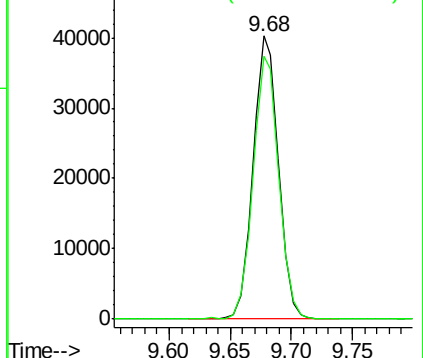
107 100

109 94.4 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.140 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

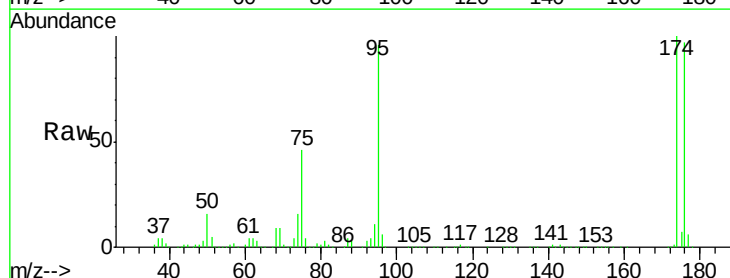
Tgt Ion: 95 Resp: 175781

Ion Ratio Lower Upper

95 100

174 98.0 0.0 198.4

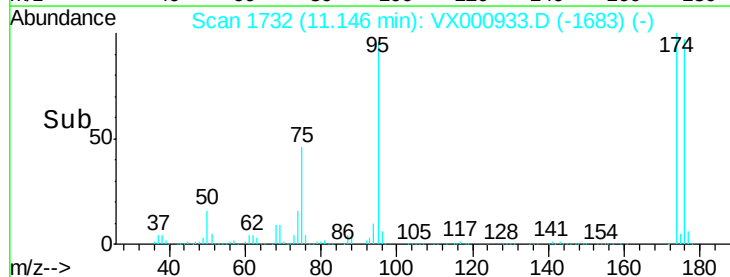
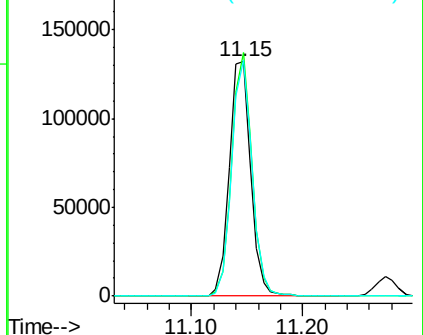
176 95.9 0.0 194.4

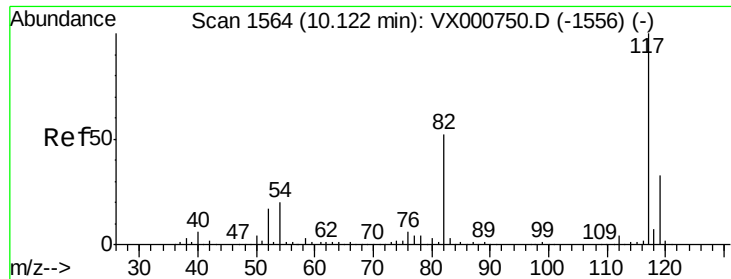


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

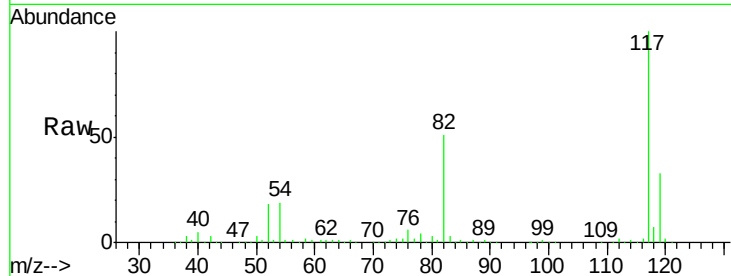




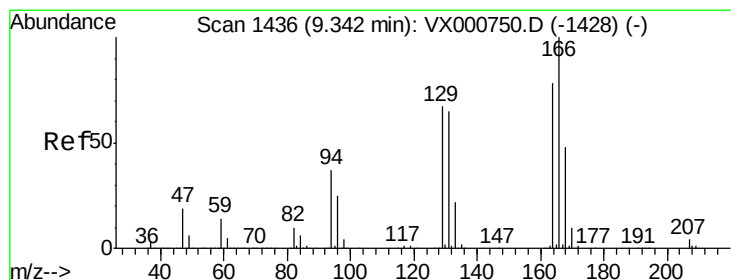
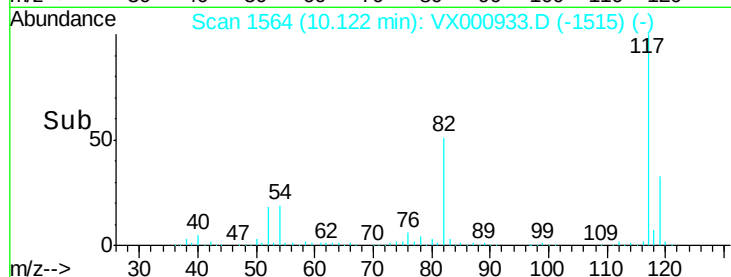
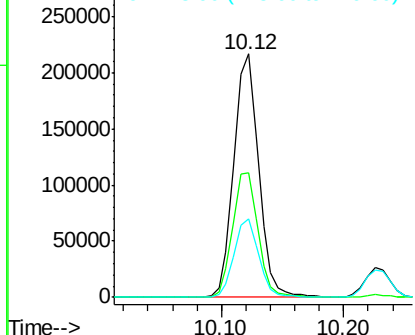
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000933.D
Acq: 16 Apr 2018 21:22

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 304327
Ion Ratio Lower Upper
117 100
82 51.3 41.9 62.9
119 32.5 26.0 39.0



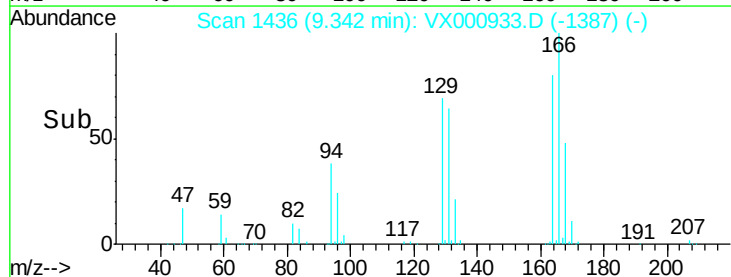
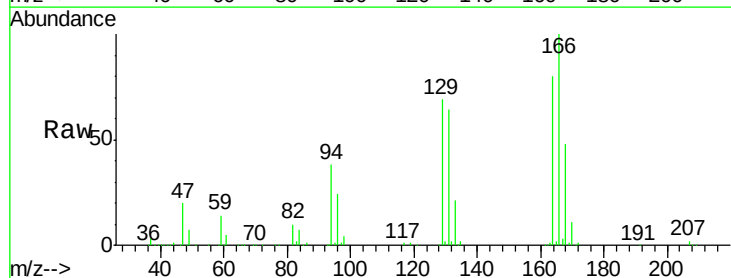
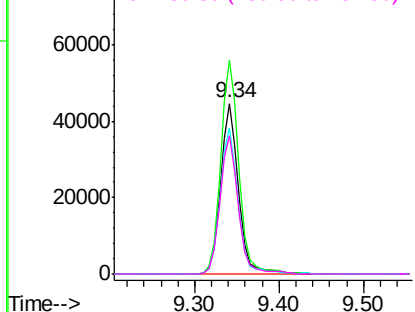
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

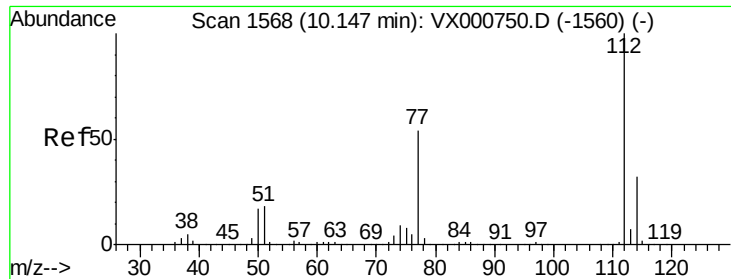


#64
Tetrachloroethene
Concen: 21.992 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000933.D
Acq: 16 Apr 2018 21:22

Tgt Ion:164 Resp: 65440
Ion Ratio Lower Upper
164 100
166 125.2 102.8 154.2
129 85.8 68.5 102.7
131 80.8 66.6 100.0

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

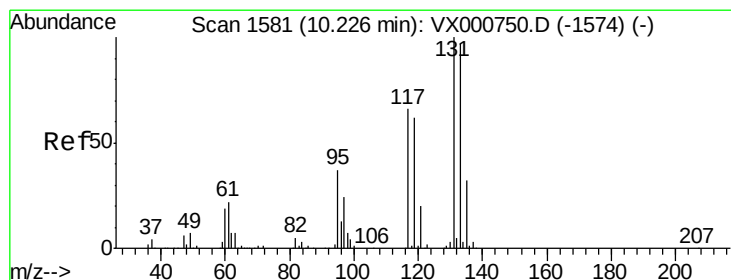
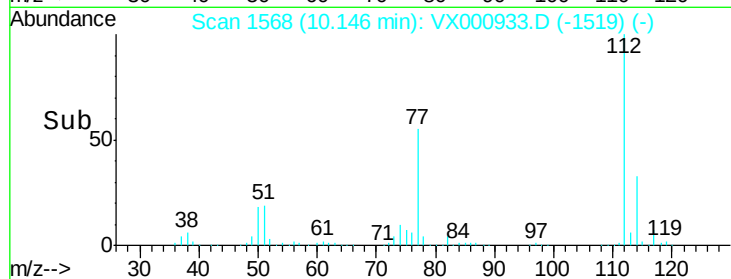
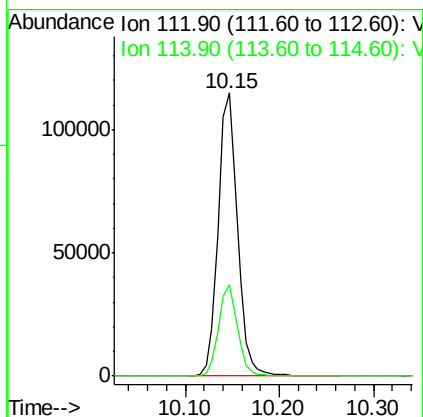
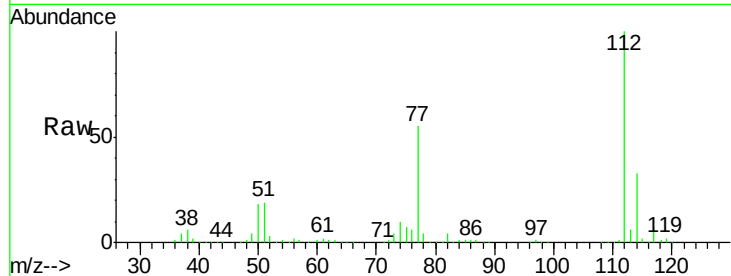




#65
Chlorobenzene
Concen: 21.486 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000933.D
Acq: 16 Apr 2018 21:22

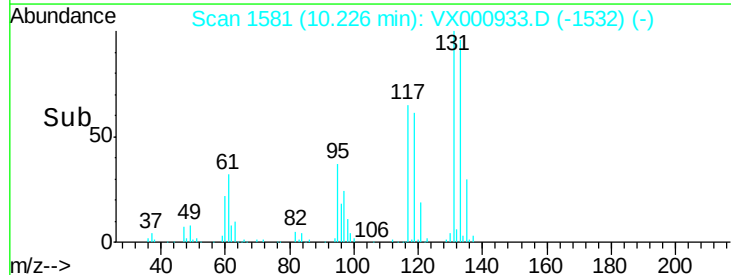
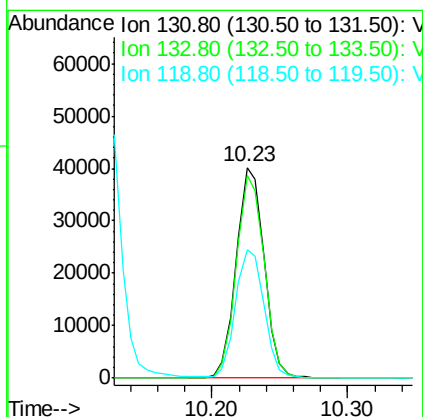
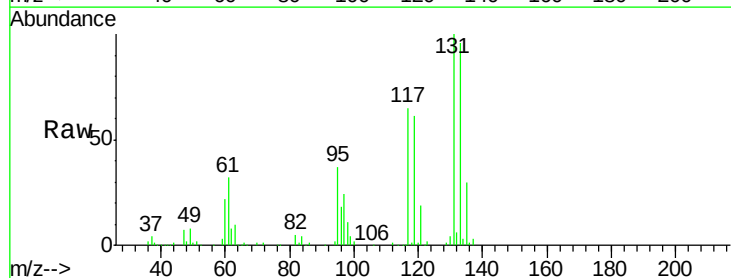
Instrument :
MSVOA_X
ClientSampleId :

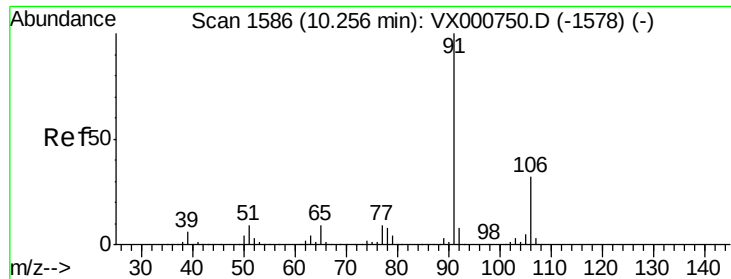
Tot Ion:112 Resp: 164484
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.901 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000933.D
Acq: 16 Apr 2018 21:22

Tgt Ion:131 Resp: 57342
Ion Ratio Lower Upper
131 100
133 96.3 48.3 144.9
119 62.9 31.4 94.0

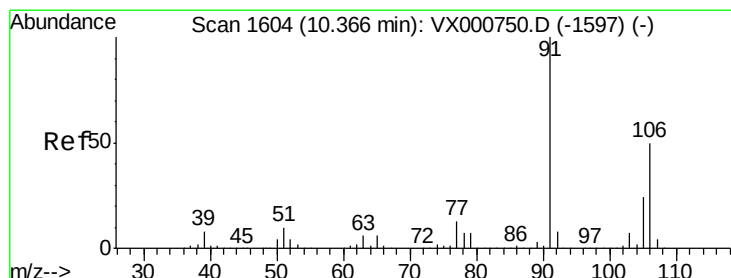
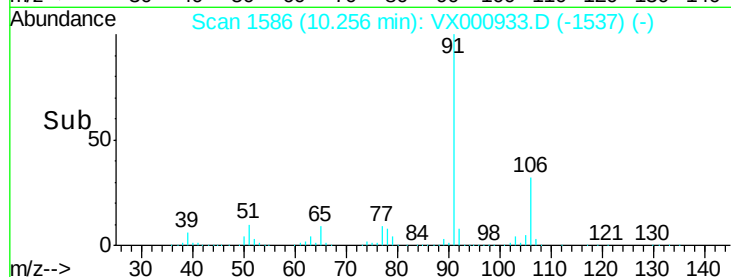
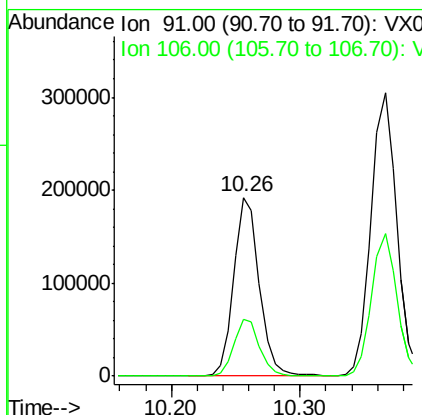
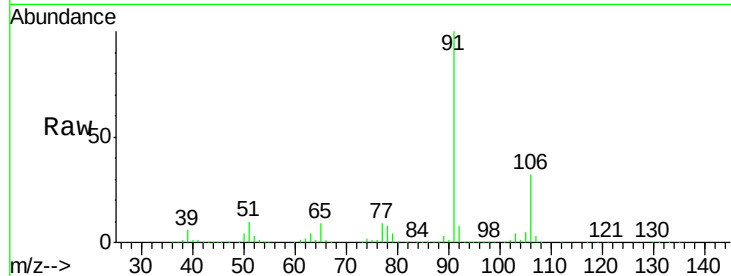




#67
Ethyl Benzene
Concen: 20.969 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000933.D
Acq: 16 Apr 2018 21:22

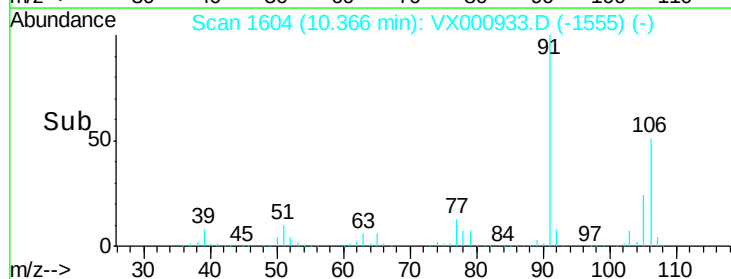
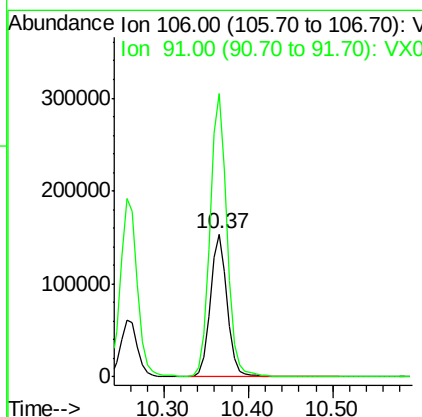
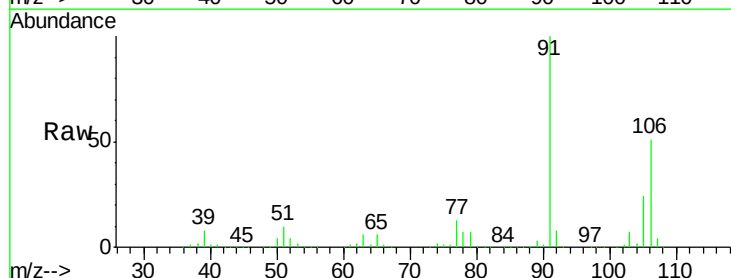
Instrument :
MSVOA_X
ClientSampleId :

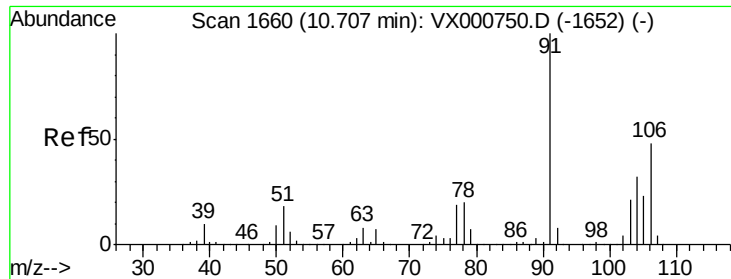
Tot Ion: 91 Resp: 267644
Ion Ratio Lower Upper
91 100
106 32.1 25.4 38.0



#68
m/p-Xylenes
Concen: 42.069 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000933.D
Acq: 16 Apr 2018 21:22

Tgt Ion: 106 Resp: 211941
Ion Ratio Lower Upper
106 100
91 200.0 159.3 238.9

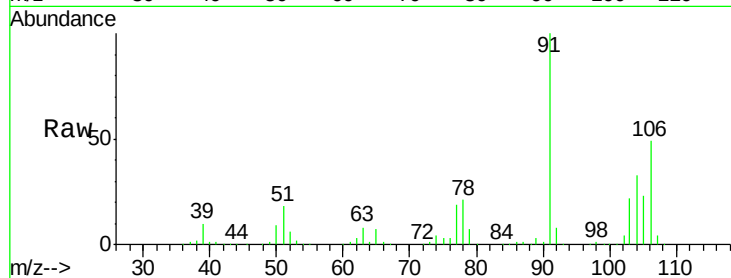




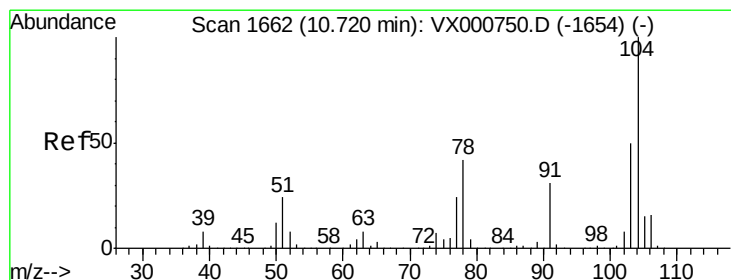
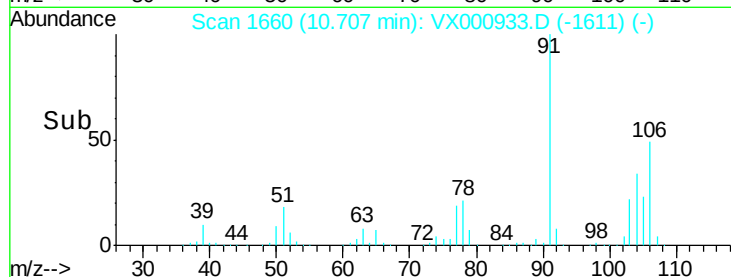
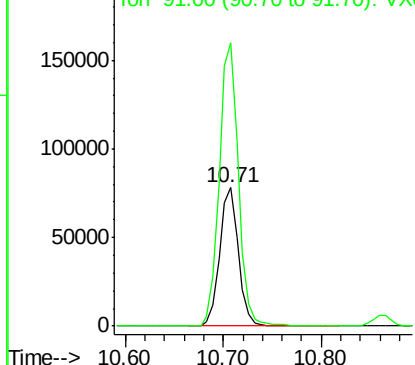
#69
o-Xylene
Concen: 21.312 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000933.D
Acq: 16 Apr 2018 21:22

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 103483
Ion Ratio Lower Upper
106 100
91 209.2 105.0 315.0

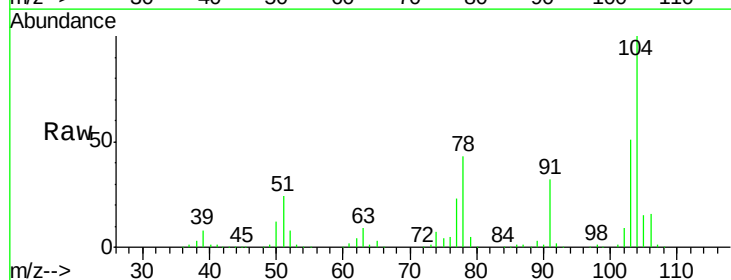


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

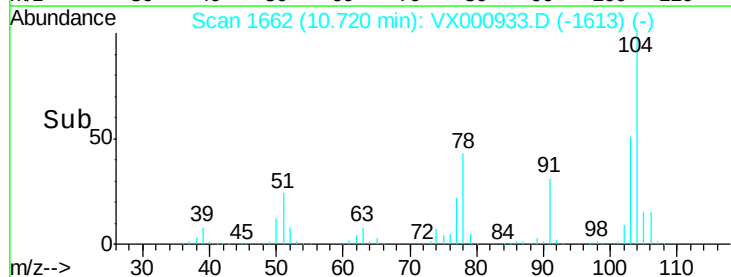
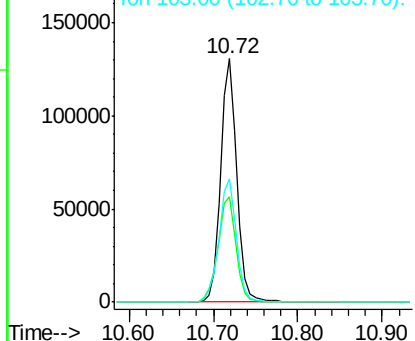


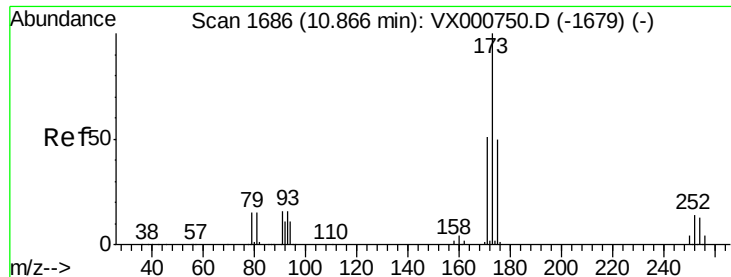
#70
Styrene
Concen: 21.171 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000933.D
Acq: 16 Apr 2018 21:22

Tgt Ion:104 Resp: 173304
Ion Ratio Lower Upper
104 100
78 48.7 39.0 58.6
103 54.9 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 16.918 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

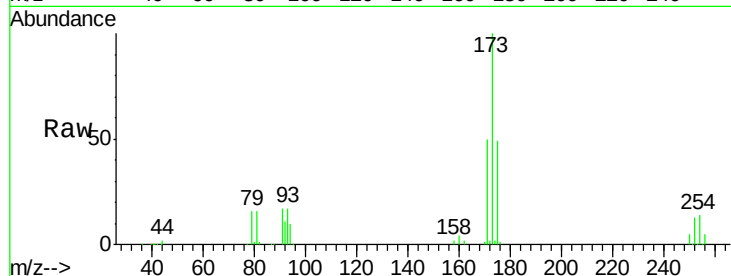
Tot Ion:173 Resp: 45137

Ion Ratio Lower Upper

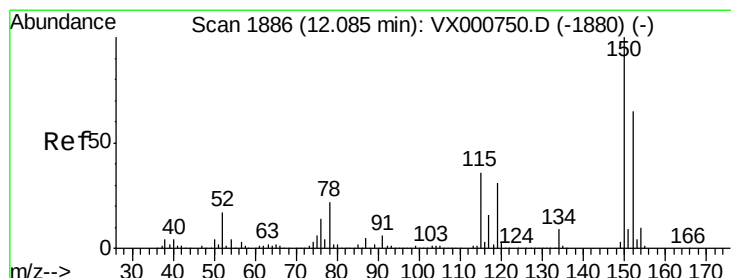
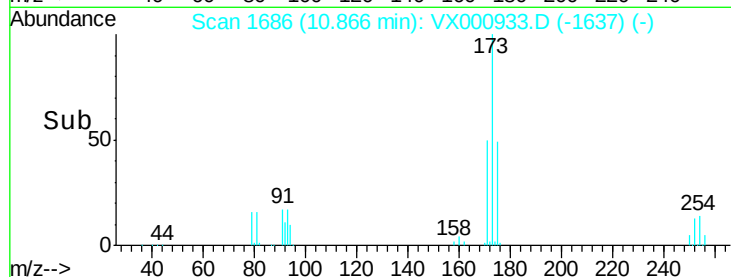
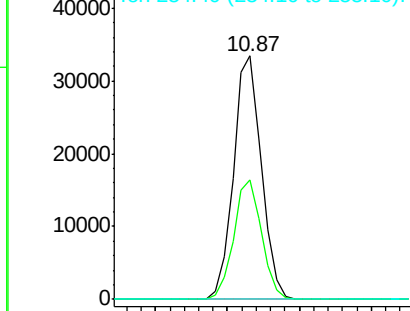
173 100

175 49.0 24.5 73.5

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

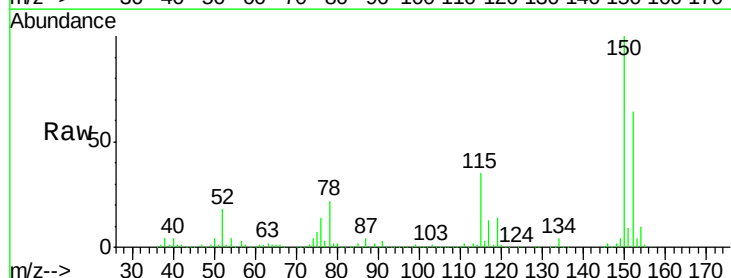
Tgt Ion:152 Resp: 207415

Ion Ratio Lower Upper

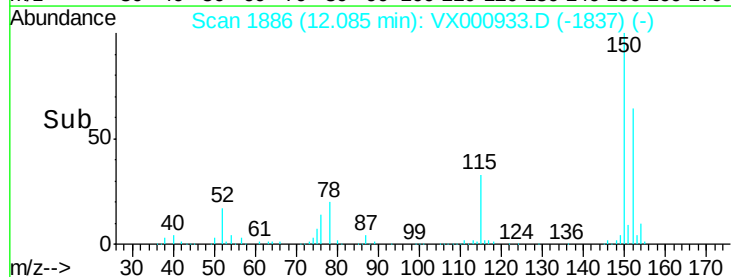
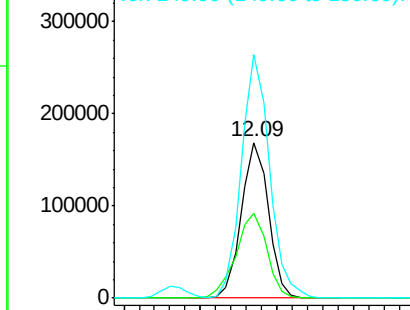
152 100

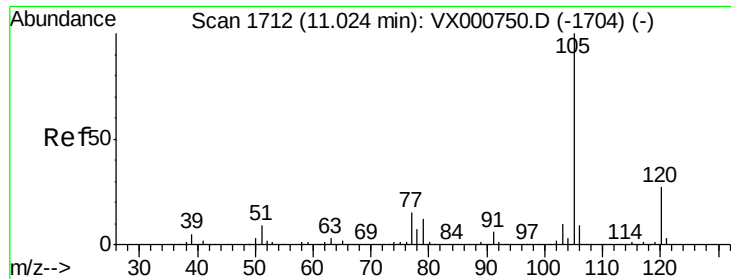
115 62.3 37.9 113.7

150 163.4 0.0 348.0



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





#73

Isopropylbenzene

Concen: 21.220 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

Instrument :

MSVOA_X

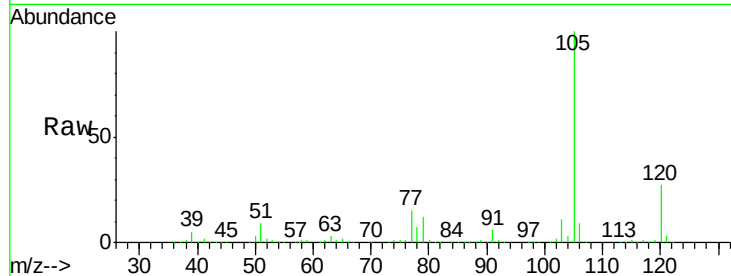
ClientSampleId :

Tot Ion:105 Resp: 279218

Ion Ratio Lower Upper

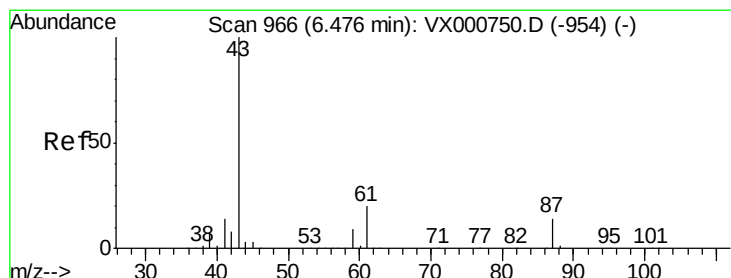
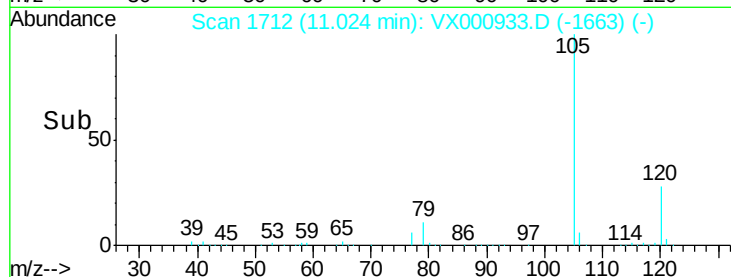
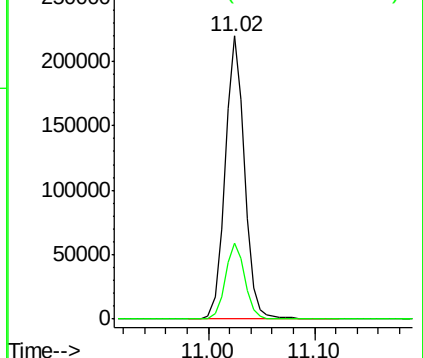
105 100

120 27.2 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-amyl acetate

Concen: 20.326 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

Tgt Ion: 43 Resp: 120441

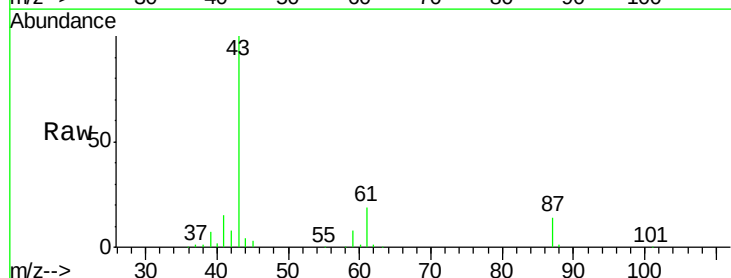
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 19.2 15.6 23.4

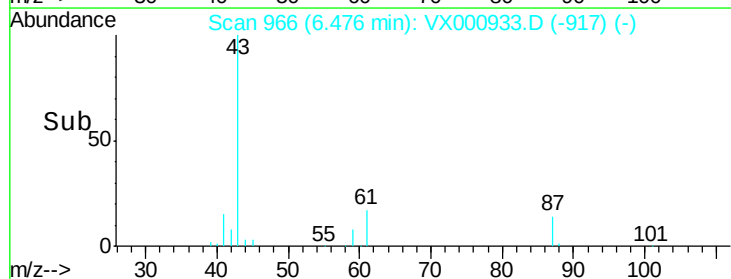
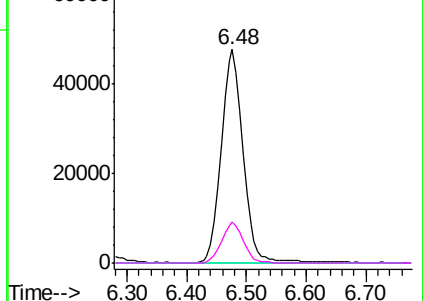


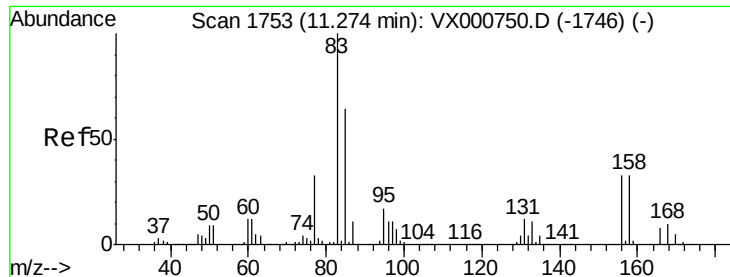
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.332 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

Instrument :

MSVOA_X

ClientSampled :

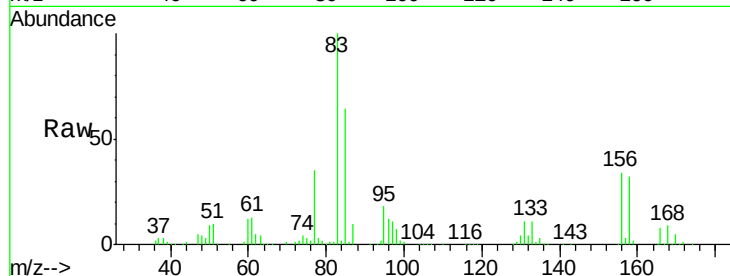
Tot Ion: 83 Resp: 81462

Ion Ratio Lower Upper

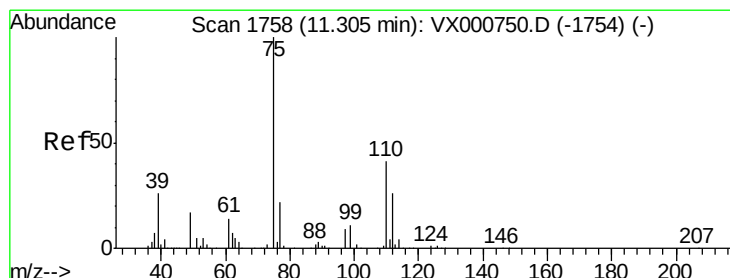
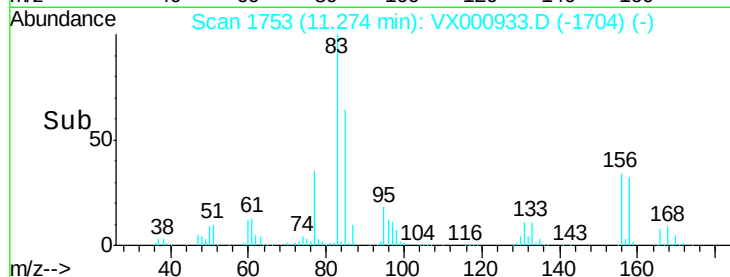
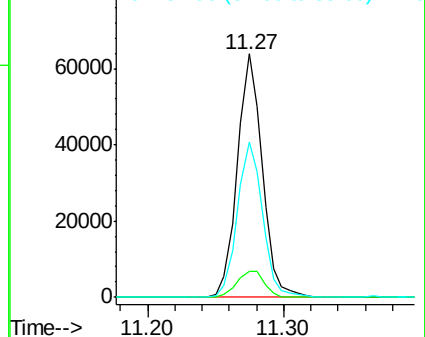
83 100

131 11.9 6.0 18.0

85 64.6 32.3 96.8



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: 25.051 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000933.D

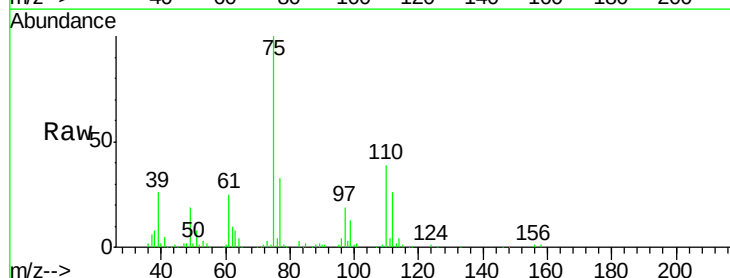
Acq: 16 Apr 2018 21:22

Tgt Ion: 75 Resp: 89609

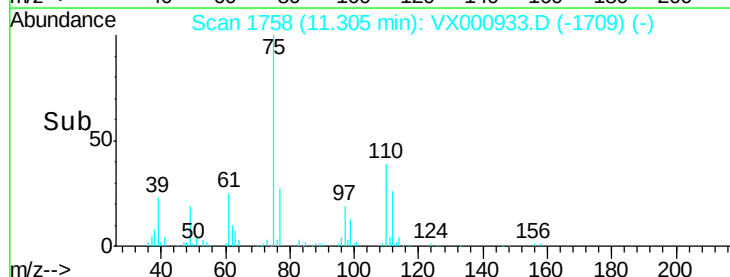
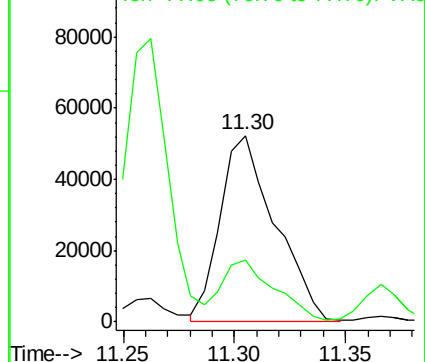
Ion Ratio Lower Upper

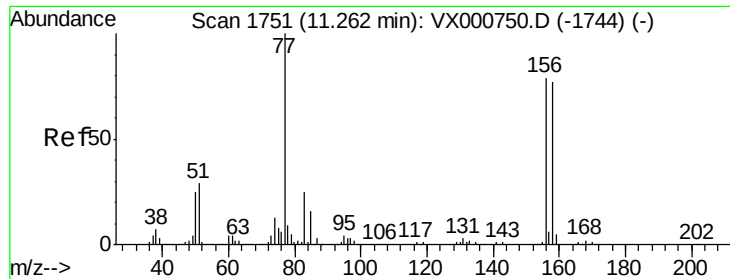
75 100

77 32.0 20.5 61.5



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





#77

Bromobenzene

Concen: 21.285 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

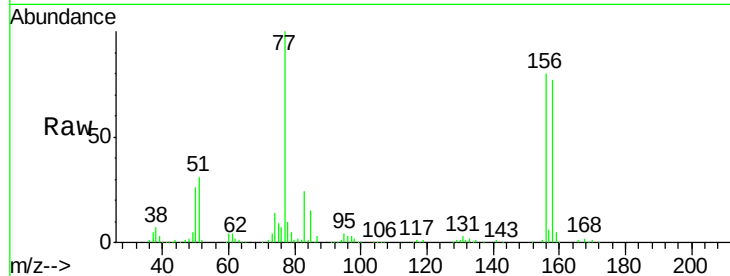
Tot Ion:156 Resp: 82078

Ion Ratio Lower Upper

156 100

77 132.4 66.0 198.2

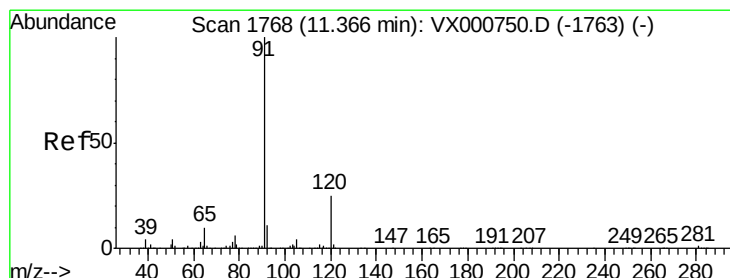
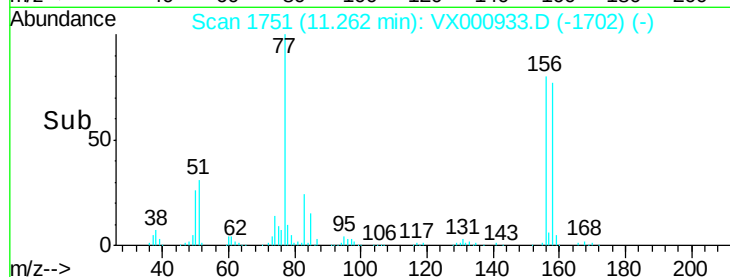
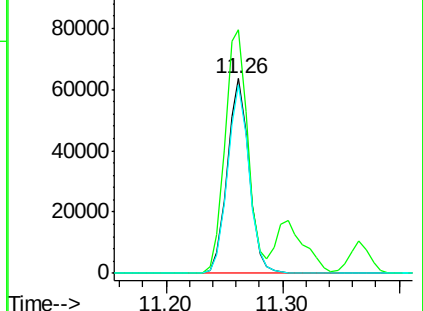
158 96.9 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.048 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000933.D

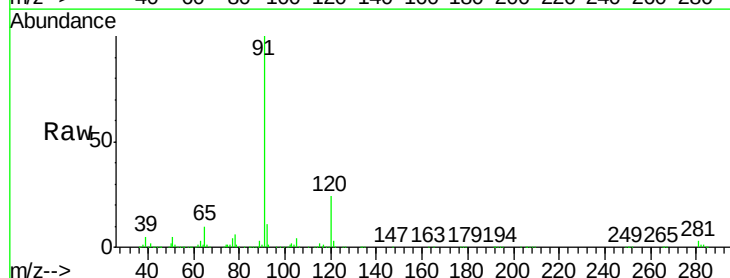
Acq: 16 Apr 2018 21:22

Tgt Ion: 91 Resp: 316799

Ion Ratio Lower Upper

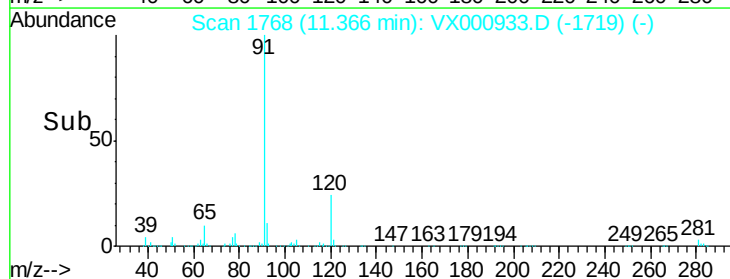
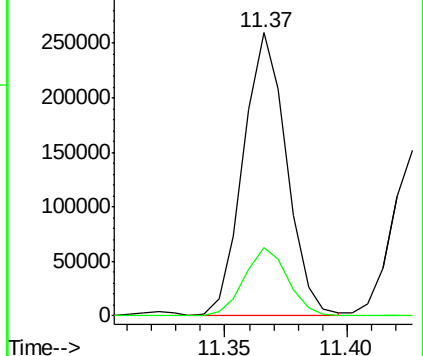
91 100

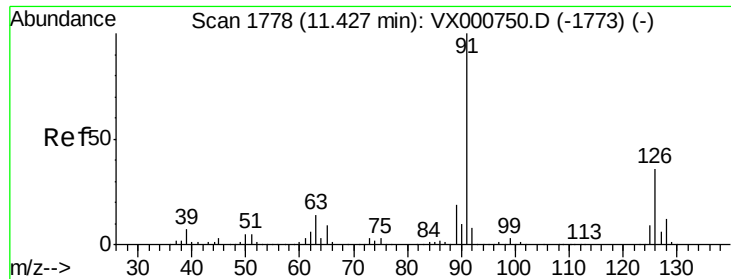
120 24.4 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

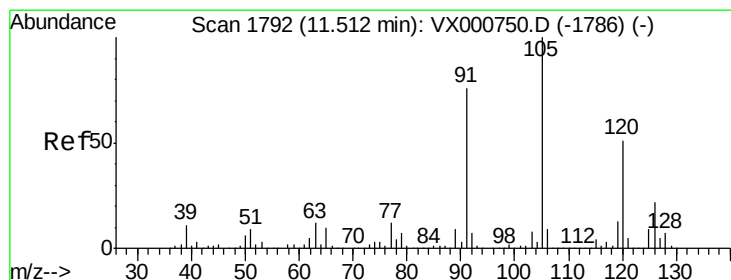
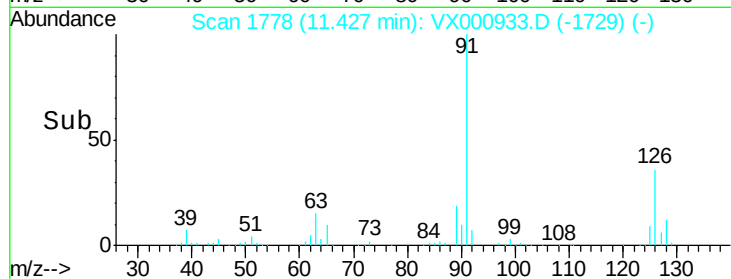
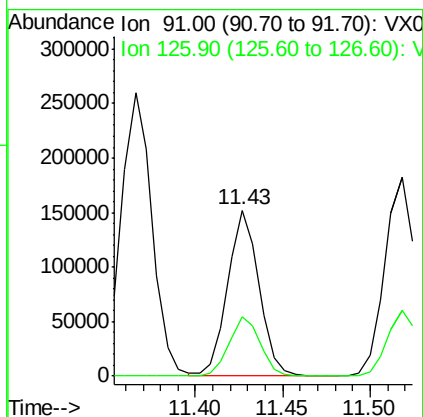
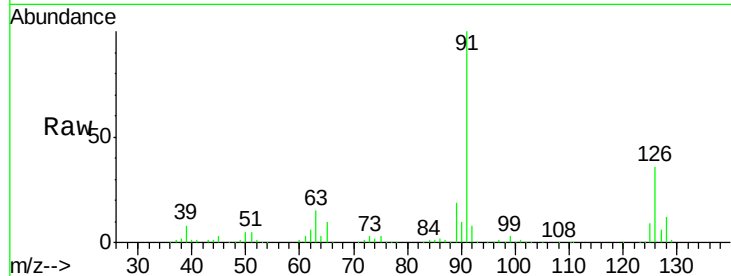




#79
 2-Chlorotoluene
 Concen: 21.176 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000933.D
 Acq: 16 Apr 2018 21:22

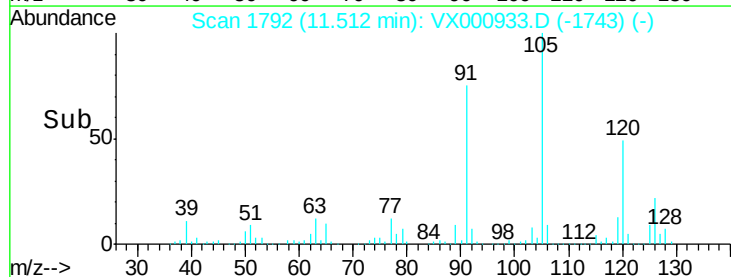
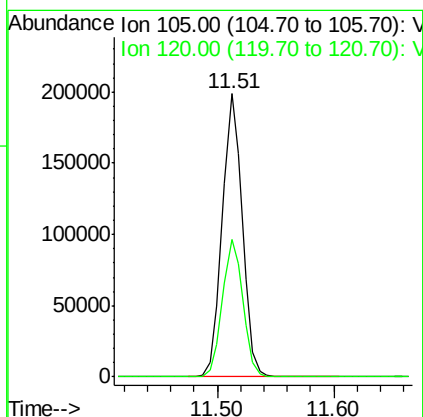
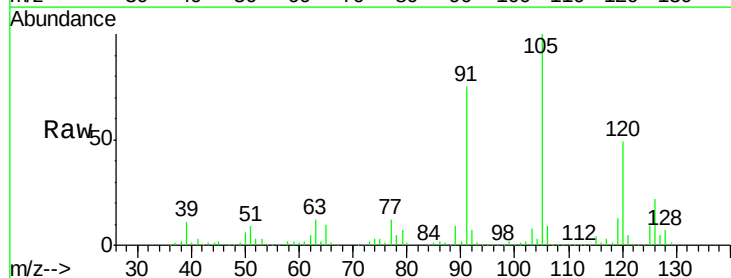
Instrument :
 MSVOA_X
 ClientSampleId :

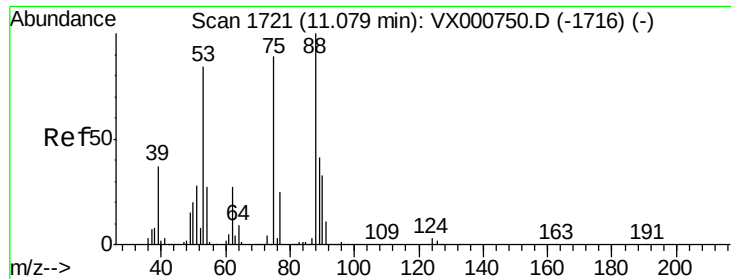
Tot Ion: 91 Resp: 188367
 Ion Ratio Lower Upper
 91 100
 126 36.3 18.3 54.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.871 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000933.D
 Acq: 16 Apr 2018 21:22

Tgt Ion: 105 Resp: 236179
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 15.019 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

Instrument :

MSVOA_X

ClientSampled :

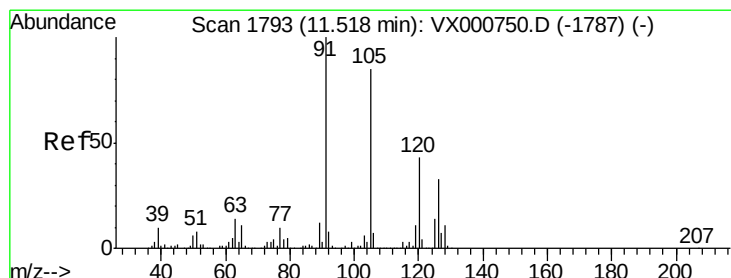
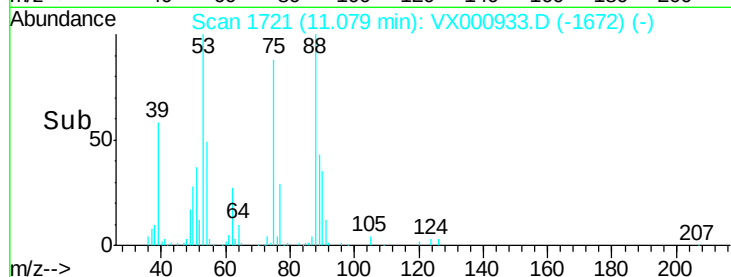
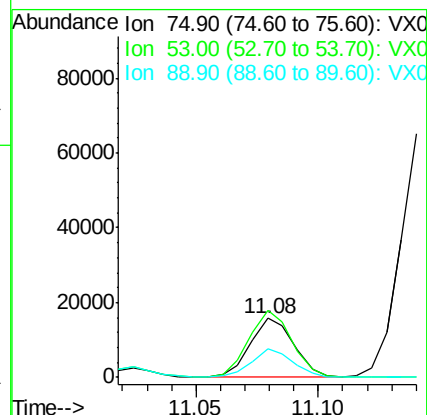
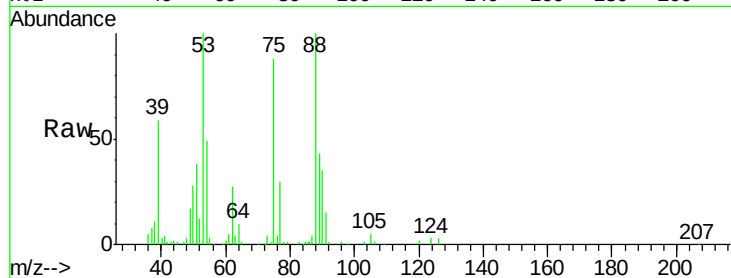
Tot Ion: 75 Resp: 19530

Ion Ratio Lower Upper

75 100

53 111.9 75.4 113.0

89 46.8 40.9 61.3



#82

4-Chlorotoluene

Concen: 21.140 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000933.D

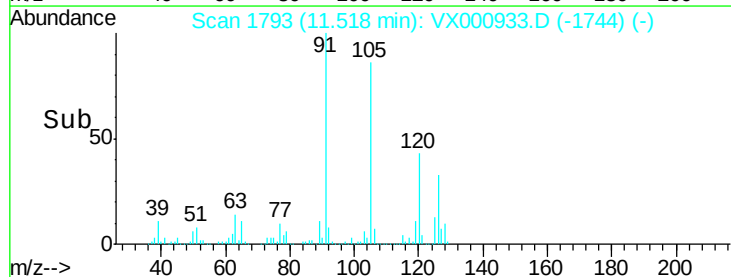
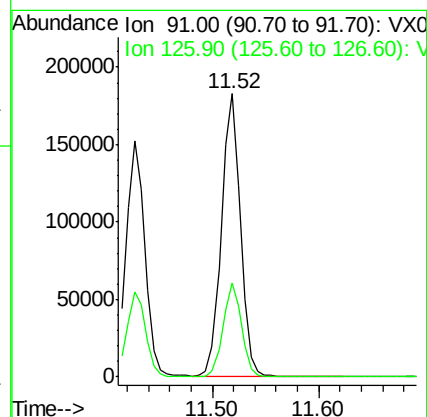
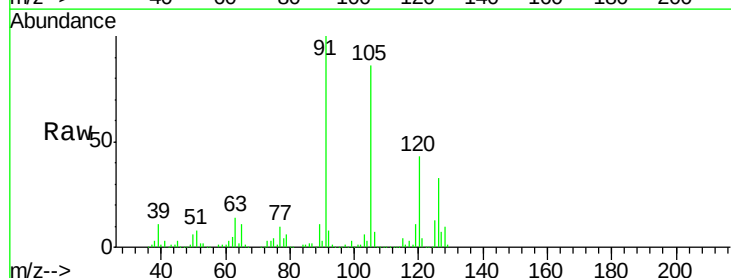
Acq: 16 Apr 2018 21:22

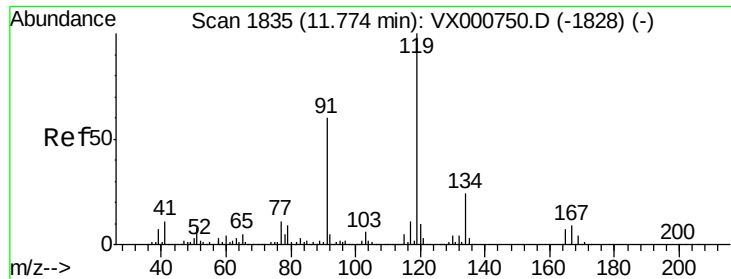
Tgt Ion: 91 Resp: 226986

Ion Ratio Lower Upper

91 100

126 32.2 16.2 48.6

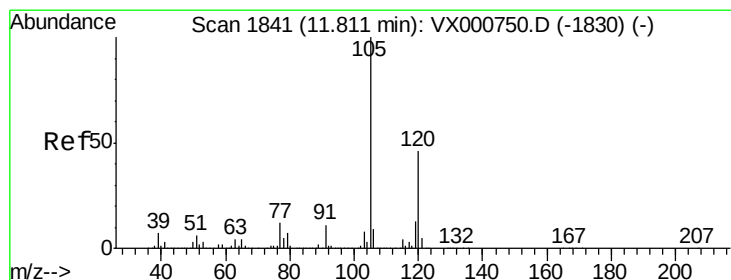
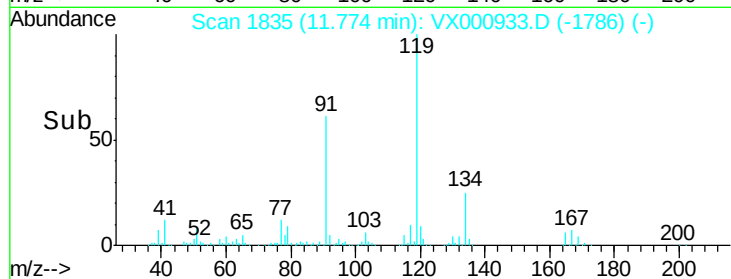
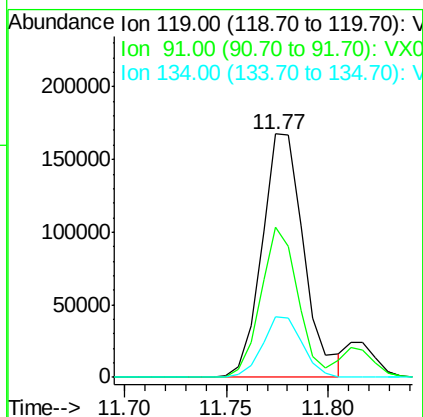
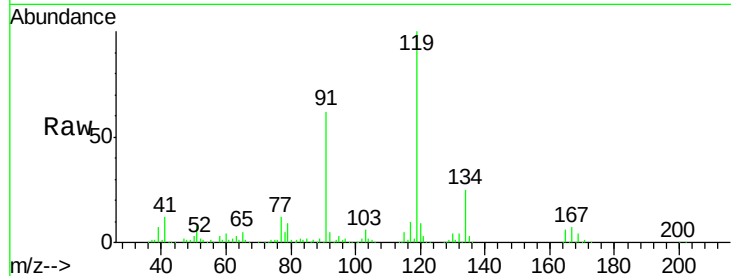




#83
 tert-Butylbenzene
 Concen: 20.710 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX000933.D
 Acq: 16 Apr 2018 21:22

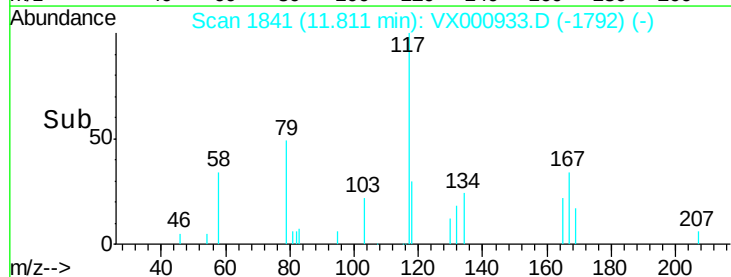
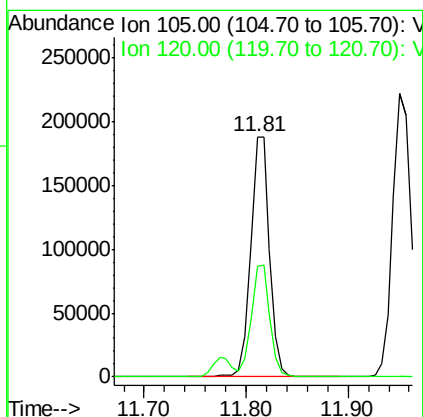
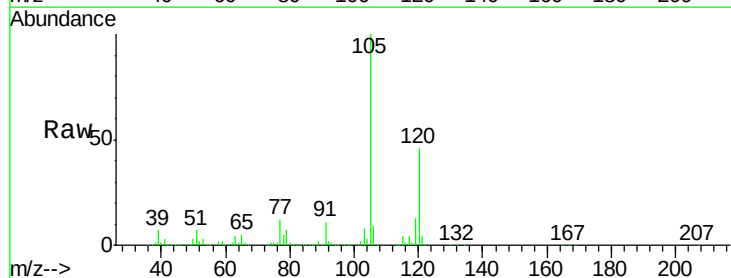
Instrument :
 MSVOA_X
 ClientSampleId :

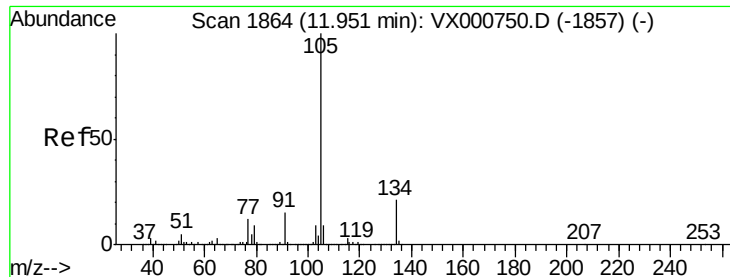
Tot Ion:119 Resp: 239764
 Ion Ratio Lower Upper
 119 100
 91 54.7 26.8 80.3
 134 23.7 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.813 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX000933.D
 Acq: 16 Apr 2018 21:22

Tgt Ion:105 Resp: 243151
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.1 69.3





#85

sec-Butylbenzene

Concen: 20.601 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

Instrument :

MSVOA_X

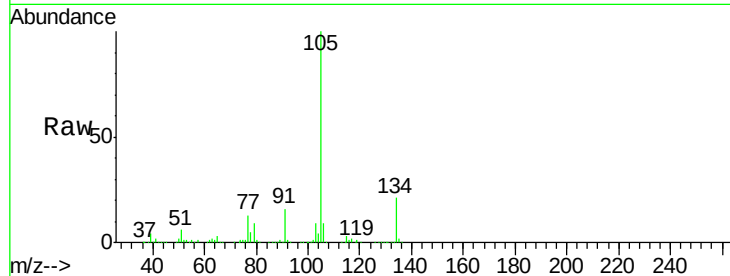
ClientSampled :

Tot Ion:105 Resp: 281358

Ion Ratio Lower Upper

105 100

134 21.0 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

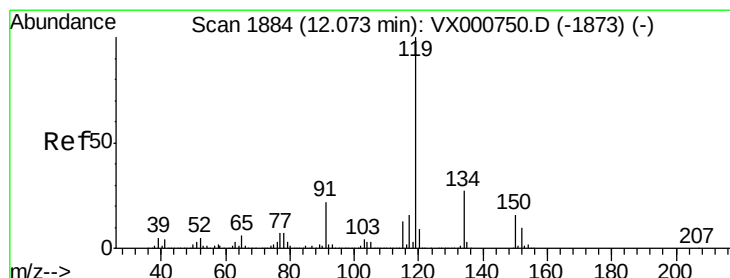
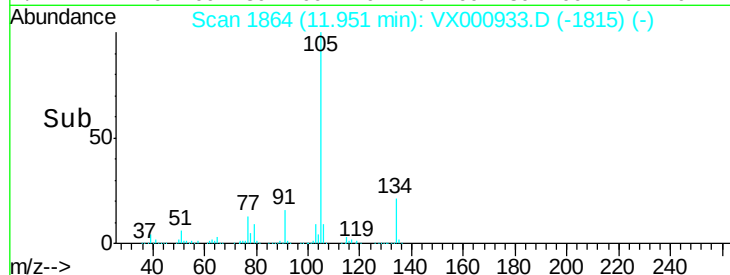
50000

0

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 20.365 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

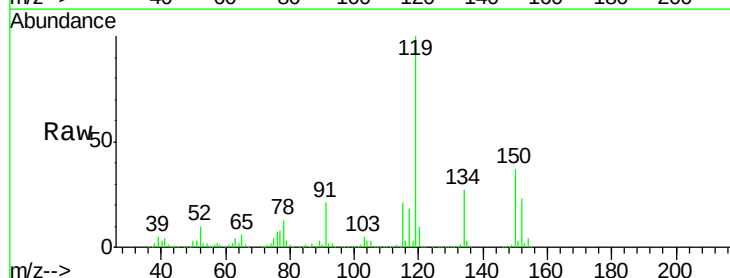
Tgt Ion:119 Resp: 259378

Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.7

91 22.3 11.2 33.5



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

250000

200000

150000

100000

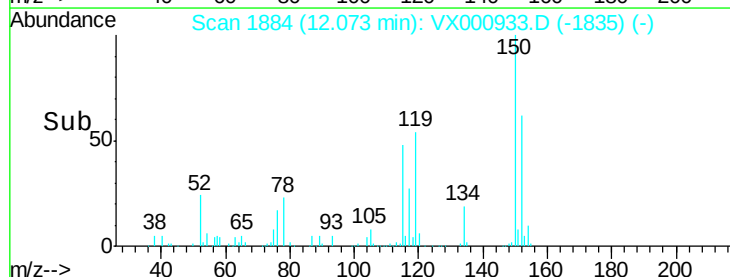
50000

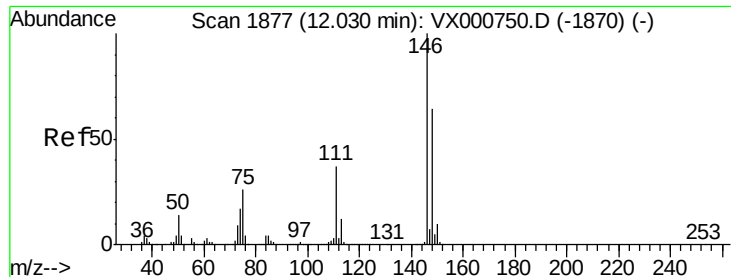
0

12.00

12.10

Time-->

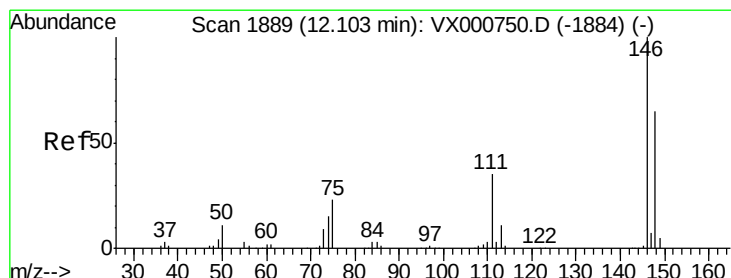
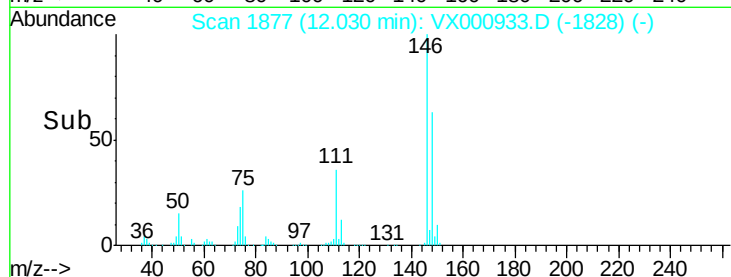
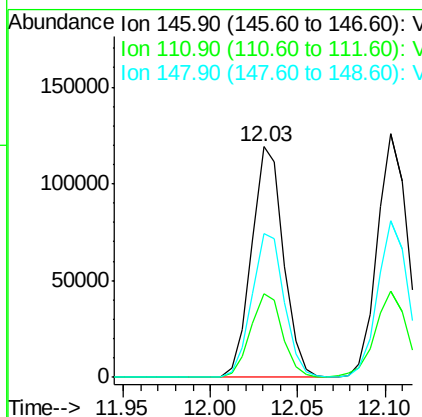
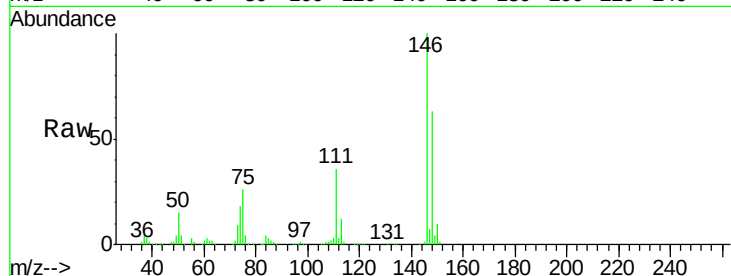




#87
 1,3-Dichlorobenzene
 Concen: 21.181 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000933.D
 Acq: 16 Apr 2018 21:22

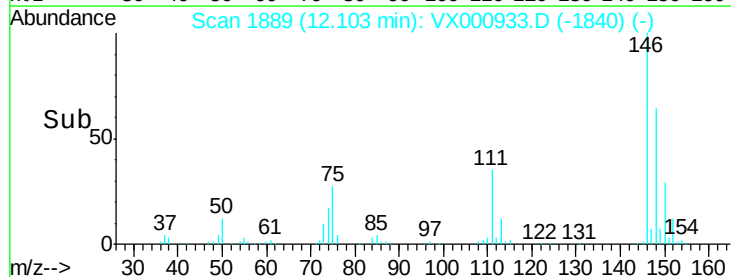
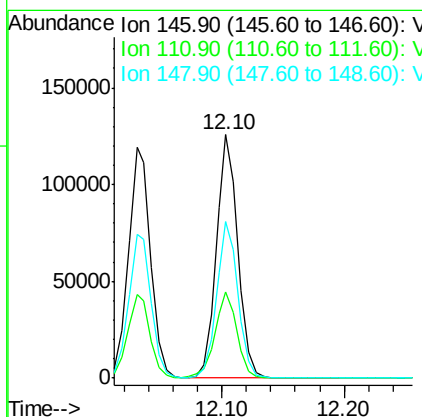
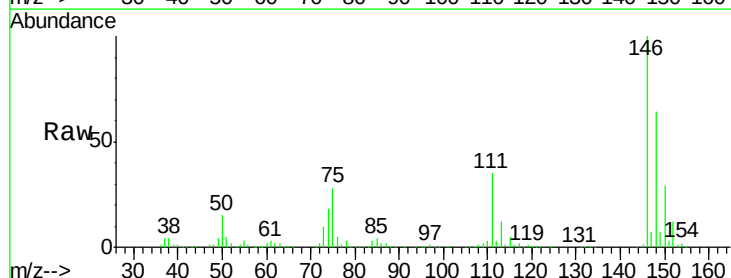
Instrument :
 MSVOA_X
 ClientSampleId :

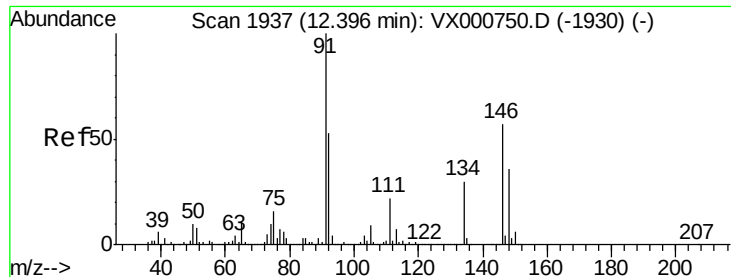
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.3	54.8
148	63.7	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 20.940 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000933.D
 Acq: 16 Apr 2018 21:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	17.9	53.8
148	64.2	32.6	97.7

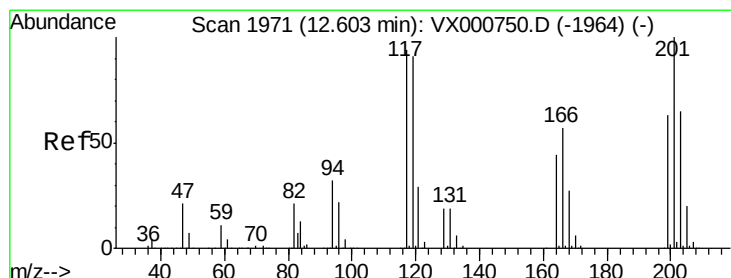
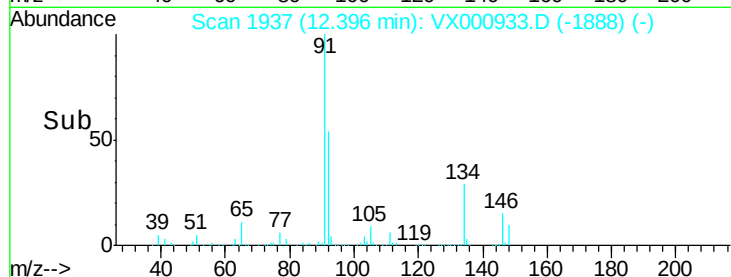
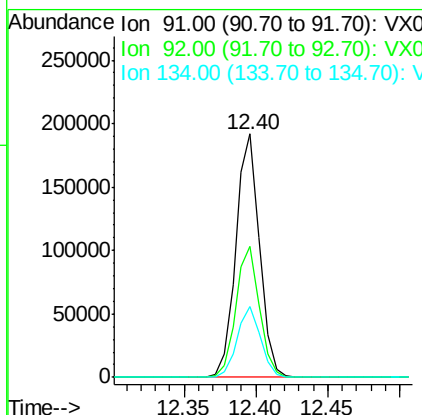
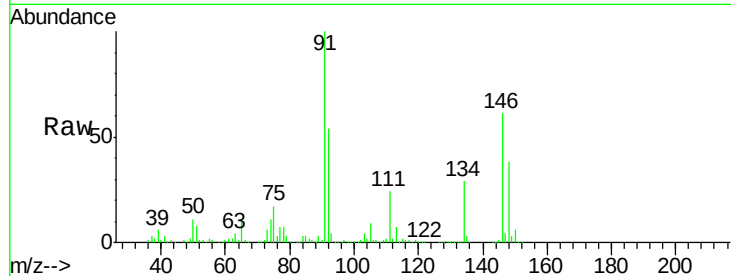




#89
n-Butylbenzene
Concen: 19.558 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000933.D
Acq: 16 Apr 2018 21:22

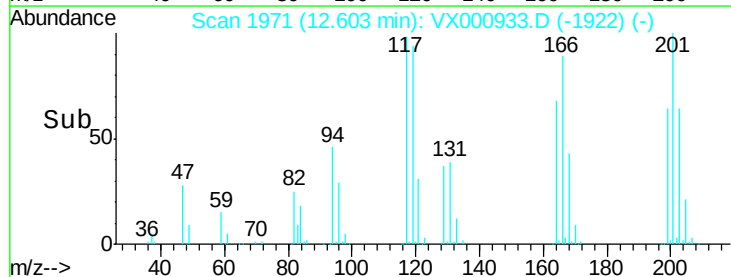
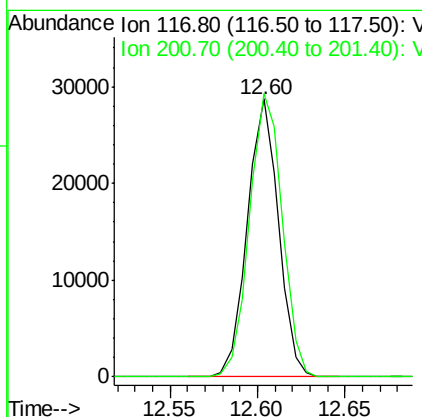
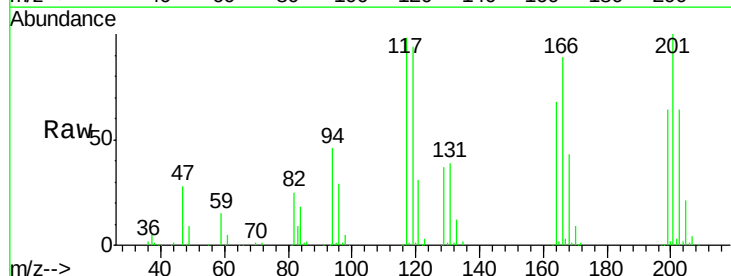
Instrument :
MSVOA_X
ClientSampled :

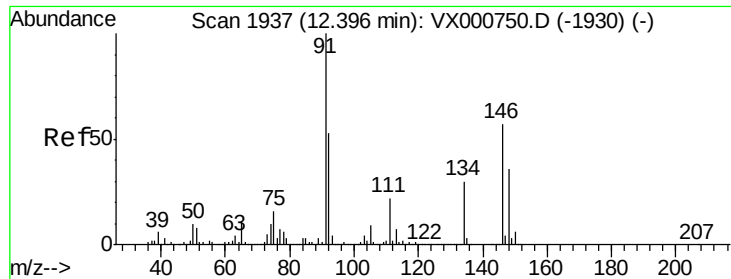
Tot Ion: 91 Resp: 219870
Ion Ratio Lower Upper
91 100
92 53.8 26.5 79.5
134 28.8 14.5 43.5



#90
Hexachloroethane
Concen: 16.484 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000933.D
Acq: 16 Apr 2018 21:22

Tgt Ion: 117 Resp: 35526
Ion Ratio Lower Upper
117 100
201 107.1 52.9 158.7

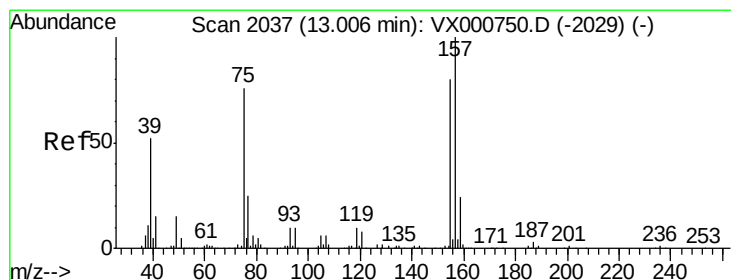
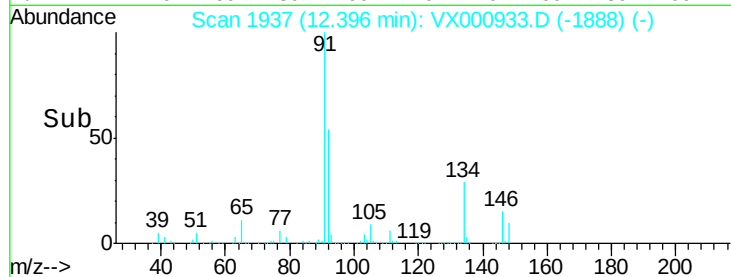
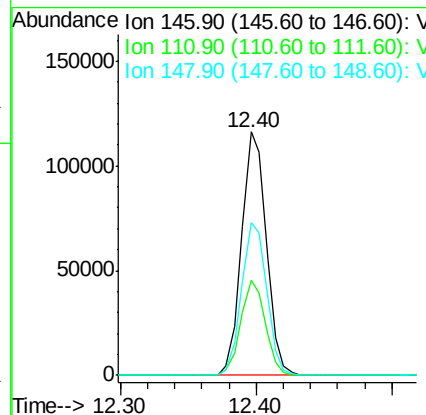
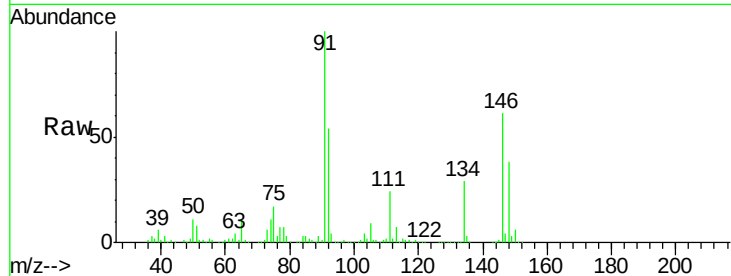




#91
 1,2-Dichlorobenzene
 Concen: 21.339 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000933.D
 Acq: 16 Apr 2018 21:22

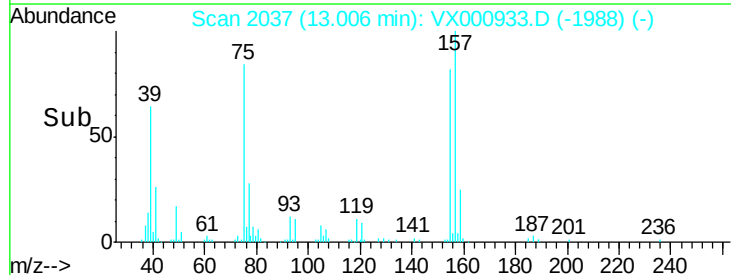
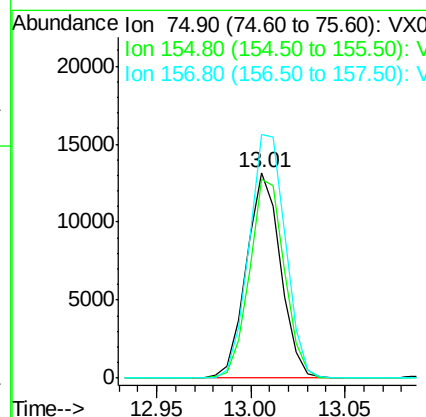
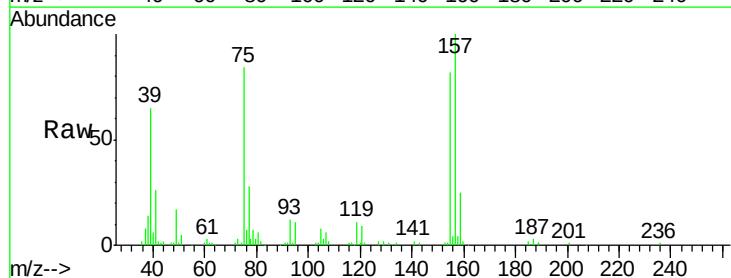
Instrument :
 MSVOA_X
 ClientSampleId :

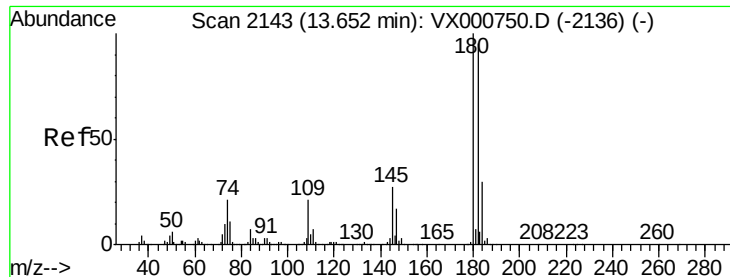
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.9	56.7
148	63.9	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.283 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000933.D
 Acq: 16 Apr 2018 21:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.5	51.9	155.8
157	126.4	66.6	199.8

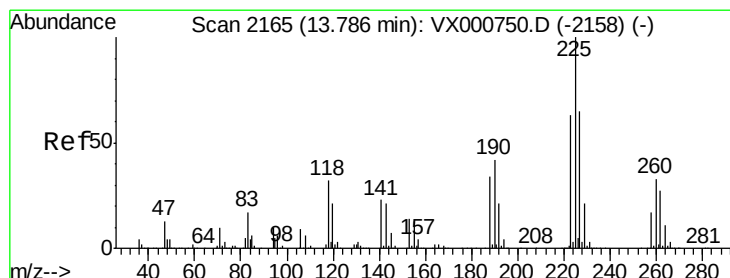
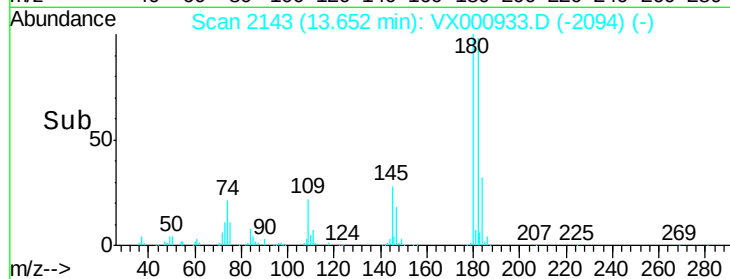
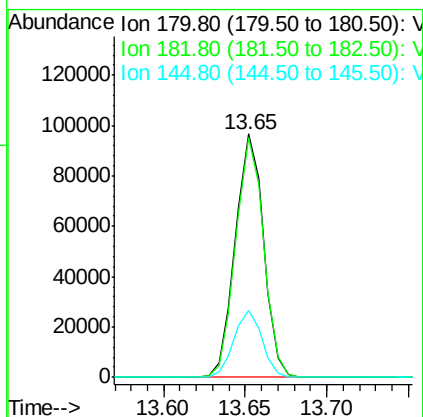
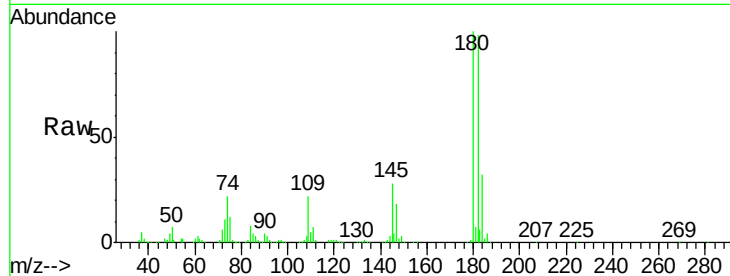




#93
 1,2,4-Trichlorobenzene
 Concen: 19.889 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000933.D
 Acq: 16 Apr 2018 21:22

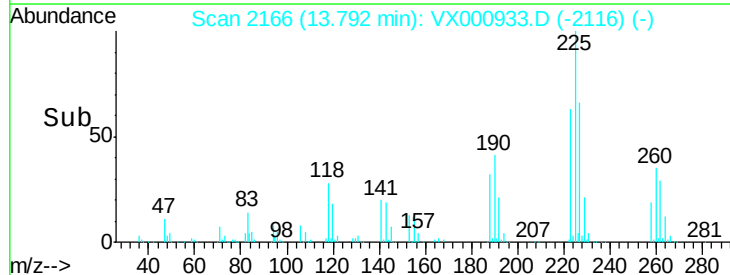
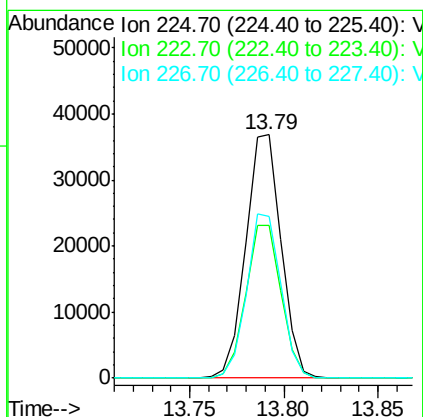
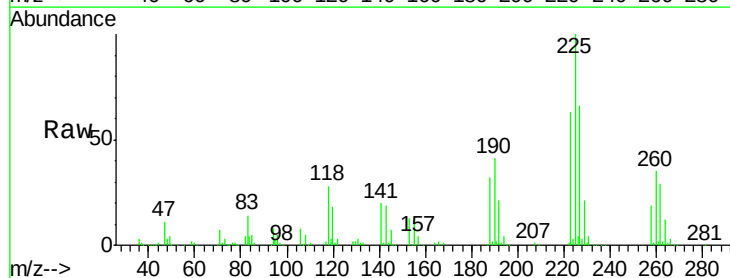
Instrument :
 MSVOA_X
 ClientSampleId :

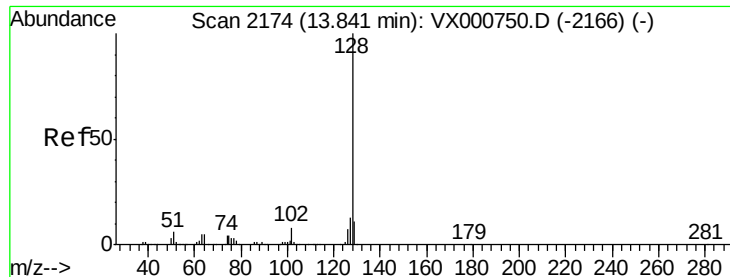
Tot Ion:180 Resp: 116943
 Ion Ratio Lower Upper
 180 100
 182 97.3 47.5 142.5
 145 27.3 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 16.623 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: VX000933.D
 Acq: 16 Apr 2018 21:22

Tgt Ion:225 Resp: 48059
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.2 93.6
 227 65.1 32.3 96.9





#95

Naphthalene

Concen: 20.610 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

Instrument :

MSVOA_X

ClientSampleId :

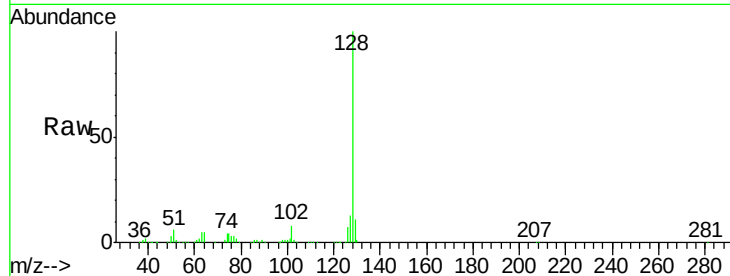
Tot Ion:128 Resp: 311047

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

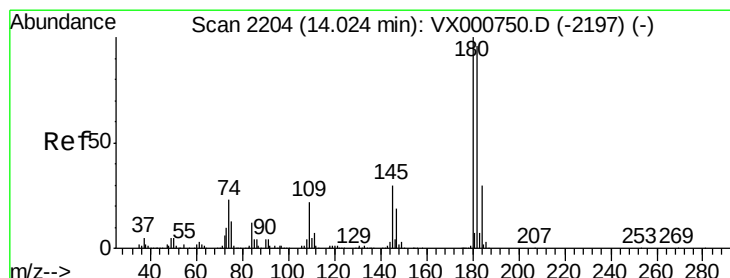
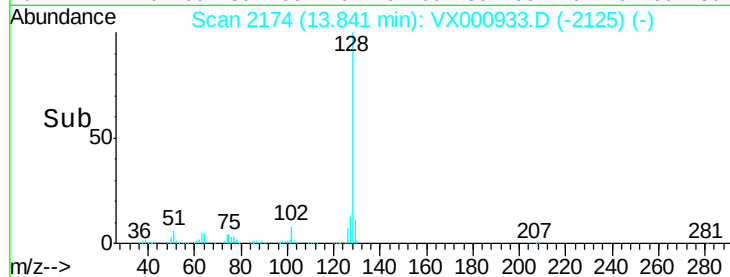
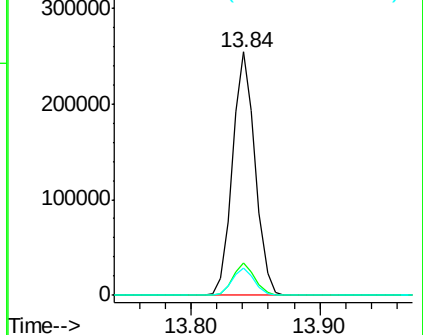
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.551 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX000933.D

Acq: 16 Apr 2018 21:22

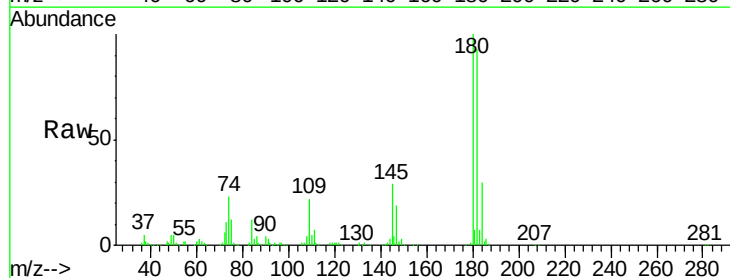
Tgt Ion:180 Resp: 117364

Ion Ratio Lower Upper

180 100

182 94.5 48.4 145.2

145 28.7 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

