

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000938.D
 Acq On : 16 Apr 2018 23:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 17 02:39:59 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	237614	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	324140	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	214969	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	152675	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
35) Dibromofluoromethane	5.51	113	127273	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
50) Toluene-d8	8.72	98	472996	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
62) 4-Bromofluorobenzene	11.14	95	195340	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	129596	48.316	ug/l	100
3) Chloromethane	1.32	50	116828	50.801	ug/l	99
4) Vinyl Chloride	1.40	62	131193	50.717	ug/l	99
5) Bromomethane	1.64	94	64964	60.978	ug/l	98
6) Chloroethane	1.72	64	80318	51.229	ug/l	100
7) Trichlorofluoromethane	1.93	101	201877	51.726	ug/l	98
8) Diethyl Ether	2.19	74	76688	52.601	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	119577	51.963	ug/l	99
10) Methyl Iodide	2.51	142	92232	51.252	ug/l	99
11) Tert butyl alcohol	3.08	59	123302	231.801	ug/l	100
12) 1,1-Dichloroethene	2.38	96	110724	50.772	ug/l	99
13) Acrolein	2.30	56	65143	252.181	ug/l	99
14) Allyl chloride	2.73	41	203595	50.488	ug/l	99
15) Acrylonitrile	3.15	53	313952	276.835	ug/l	100
16) Acetone	2.45	43	254384	246.214	ug/l	100
17) Carbon Disulfide	2.57	76	271017	41.040	ug/l	99
18) Methyl Acetate	2.78	43	161913	60.557	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	393366	54.153	ug/l	98
20) Methylene Chloride	2.86	84	123315	51.316	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	120589	50.143	ug/l	97
22) Diisopropyl ether	3.88	45	418599	56.484	ug/l	99
23) Vinyl Acetate	3.83	43	1753564	269.503	ug/l	99
24) 1,1-Dichloroethane	3.70	63	225674	54.269	ug/l	99
25) 2-Butanone	4.71	43	449189	263.273	ug/l	99
26) 2,2-Dichloropropane	4.59	77	174490	42.274	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	143884	52.720	ug/l	98
28) Bromochloromethane	5.03	49	85060	50.796	ug/l	98
29) Tetrahydrofuran	5.17	42	289269	267.019	ug/l	99
30) Chloroform	5.22	83	237205	53.875	ug/l	99
31) Cyclohexane	5.59	56	194955	49.366	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	214752	51.197	ug/l	100
36) 1,1-Dichloropropene	5.81	75	178064	49.880	ug/l	98
37) Ethyl Acetate	4.87	43	179378	51.472	ug/l	99
38) Carbon Tetrachloride	5.79	117	187588	46.949	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	199730	46.590	ug/l	99
40) Benzene	6.15	78	516545	52.077	ug/l	100
41) Methacrylonitrile	5.07	41	106427	52.861	ug/l	100
42) 1,2-Dichloroethane	6.21	62	194997	52.637	ug/l	99
43) Isopropyl Acetate	6.48	43	306161	51.242	ug/l	100
44) Trichloroethene	7.22	130	157422	51.031	ug/l	97
45) 1,2-Dichloropropane	7.53	63	134824	53.378	ug/l	98
46) Dibromomethane	7.67	93	91274	51.831	ug/l	100
47) Bromodichloromethane	7.91	83	177249	49.872	ug/l	100
48) Methyl methacrylate	7.79	41	162376	52.430	ug/l	99
49) 1,4-Dioxane	7.76	88	52340	840.966	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	948671	270.304	ug/l	99
52) Toluene	8.79	92	339861	51.646	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	211452	49.601	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	201761	48.603	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	138099	52.863	ug/l	100
56) Ethyl methacrylate	9.19	69	210573	52.252	ug/l	100
57) 1,3-Dichloropropane	9.38	76	225267	54.238	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	506814	269.172	ug/l	99
59) 2-Hexanone	9.51	43	710094	262.078	ug/l	100
60) Dibromochloromethane	9.59	129	153265	49.032	ug/l	99
61) 1,2-Dibromoethane	9.68	107	146724	52.942	ug/l	99
64) Tetrachloroethene	9.34	164	161678	52.894	ug/l	98
65) Chlorobenzene	10.15	112	405620	51.580	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	148553	50.189	ug/l	100
67) Ethyl Benzene	10.26	91	669263	51.045	ug/l	100
68) m/p-Xylenes	10.37	106	530824	102.574	ug/l	100
69) o-Xylene	10.71	106	258289	51.785	ug/l	99
70) Styrene	10.72	104	437992	52.087	ug/l	100
71) Bromoform	10.87	173	125884	45.933	ug/l	100
73) Isopropylbenzene	11.02	105	696477	51.070	ug/l	100
74) N-amyl acetate	6.48	43	306161	49.852	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	205419	51.902	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	234986	63.383	ug/l	85
77) Bromobenzene	11.26	156	203453	50.906	ug/l	100
78) n-propylbenzene	11.37	91	787428	50.479	ug/l	100
79) 2-Chlorotoluene	11.43	91	468441	50.811	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	591747	50.454	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	56110	41.632	ug/l	93
82) 4-Chlorotoluene	11.52	91	560770	50.391	ug/l	100
83) tert-Butylbenzene	11.77	119	601593	50.137	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	606644	50.103	ug/l	100
85) sec-Butylbenzene	11.95	105	698598	49.353	ug/l	100
86) p-Isopropyltoluene	12.07	119	650607	49.288	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	376367	50.878	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	384098	50.665	ug/l	99
89) n-Butylbenzene	12.40	91	560685	48.123	ug/l	100
90) Hexachloroethane	12.60	117	97394	43.603	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	369968	51.807	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	44702	45.080	ug/l	98

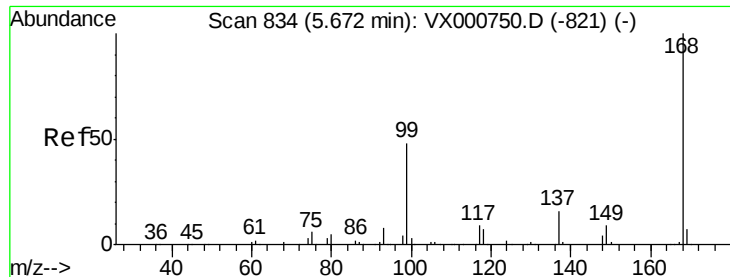
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	301036	49.401	ug/l	99
94) Hexachlorobutadiene	13.79	225	125564	41.904	ug/l	99
95) Naphthalene	13.84	128	799397	51.106	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	294687	49.789	ug/l	100

(#) = 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: VX000938.D

Acq: 16 Apr 2018 23:29

Instrument :

MSVOA_X

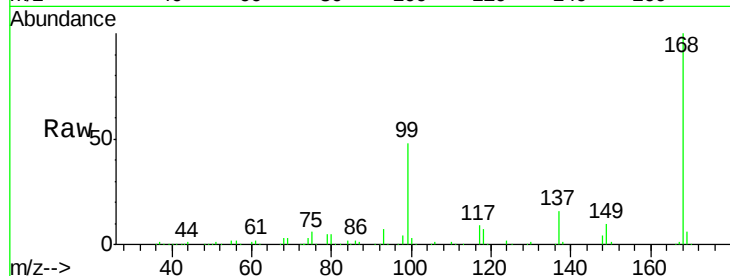
ClientSampleId :

Tot Ion:168 Resp: 237614

Ion Ratio Lower Upper

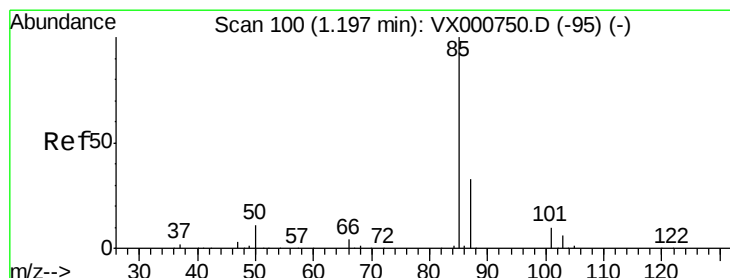
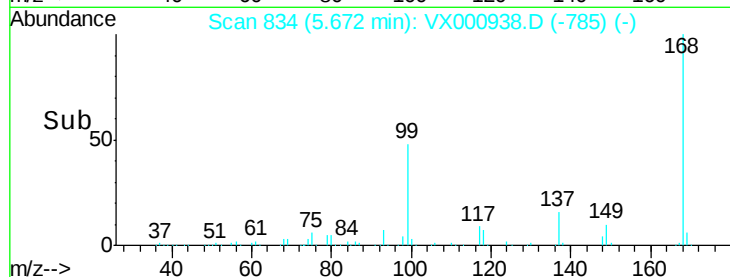
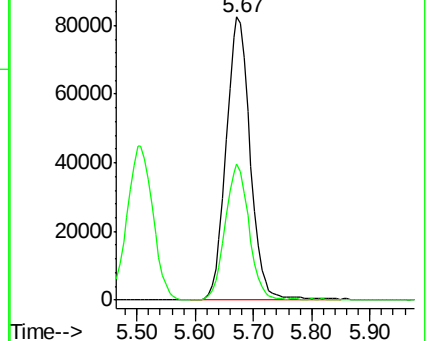
168 100

99 47.9 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.316 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000938.D

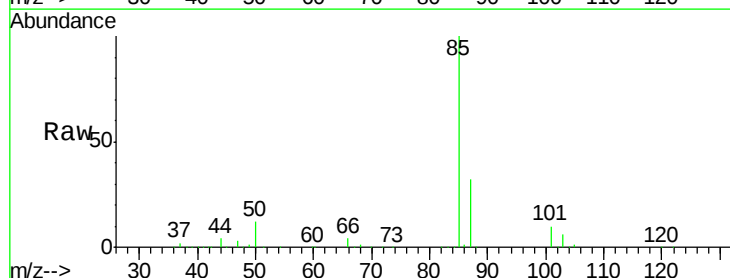
Acq: 16 Apr 2018 23:29

Tgt Ion: 85 Resp: 129596

Ion Ratio Lower Upper

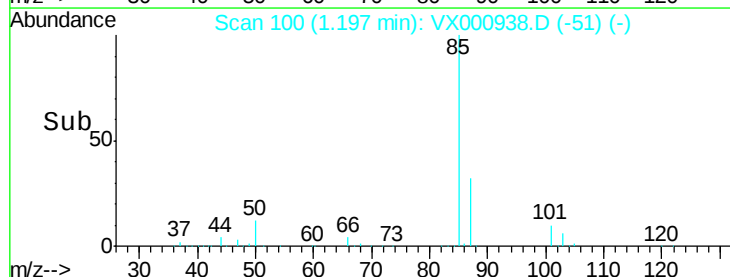
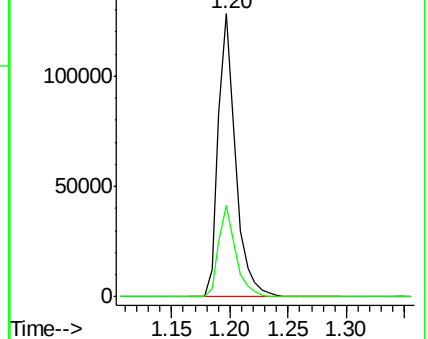
85 100

87 32.4 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

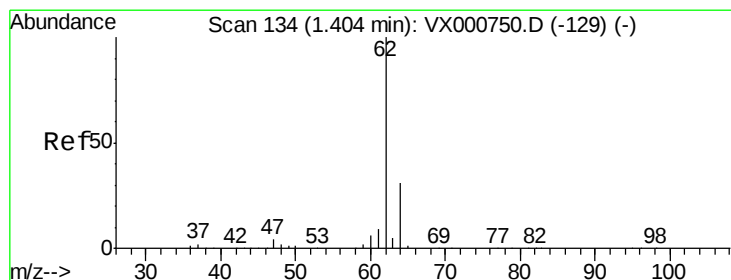
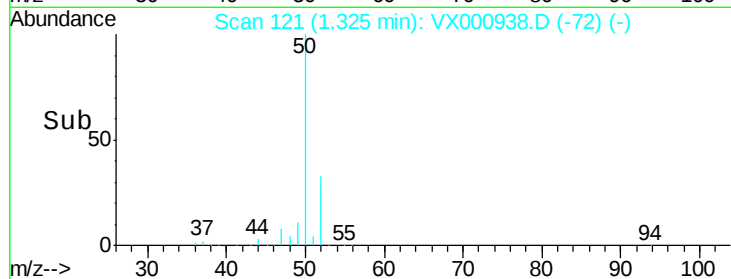
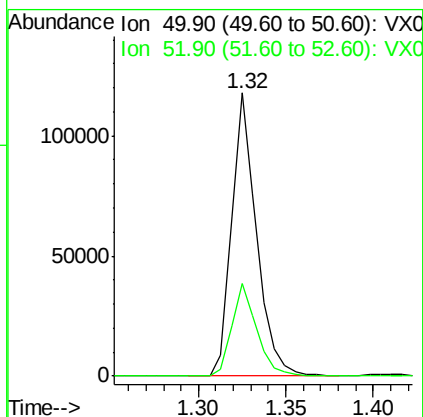
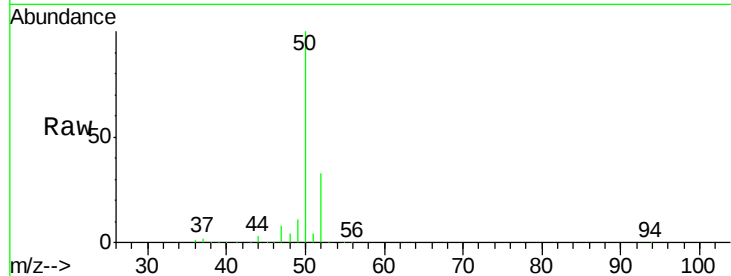




#3
Chloromethane
Concen: 50.801 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

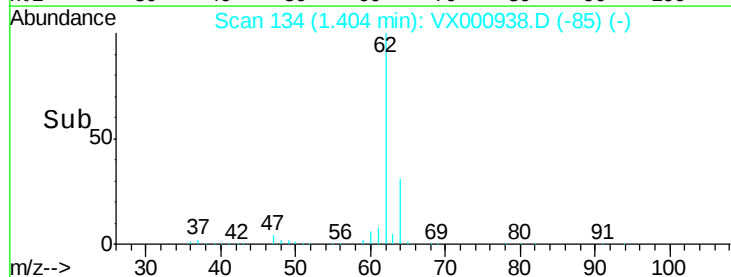
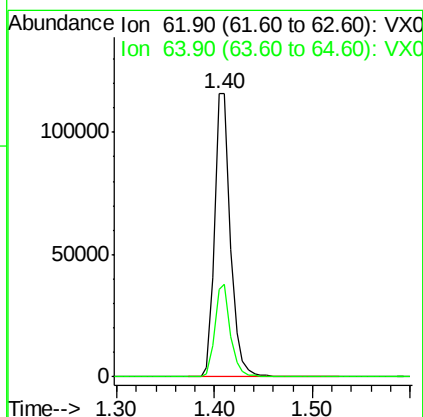
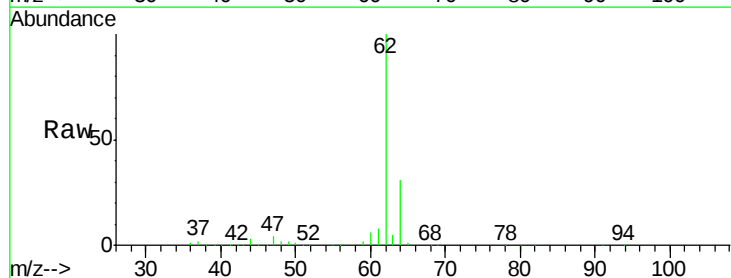
Instrument :
MSVOA_X
ClientSampled :

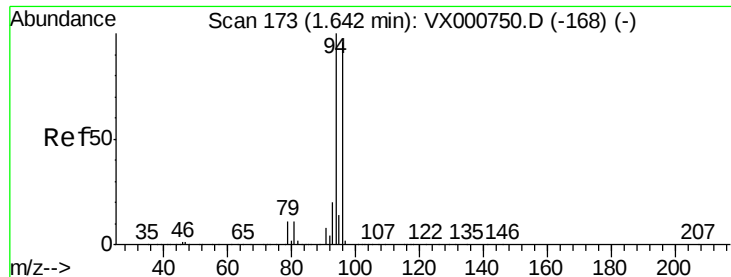
Tot Ion: 50 Resp: 116828
Ion Ratio Lower Upper
50 100
52 32.9 25.8 38.8



#4
Vinyl Chloride
Concen: 50.717 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

Tgt Ion: 62 Resp: 131193
Ion Ratio Lower Upper
62 100
64 31.0 24.6 36.8





#5

Bromomethane

Concen: 60.978 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

Instrument :

MSVOA_X

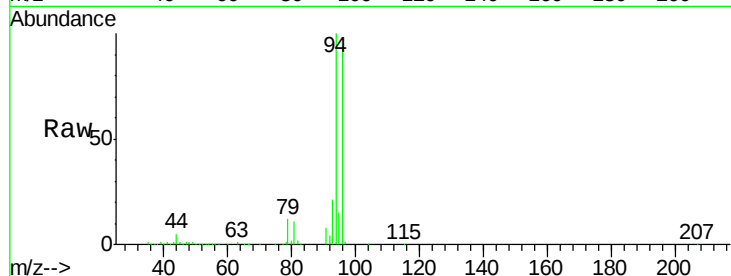
ClientSampleId :

Tot Ion: 94 Resp: 64964

Ion Ratio Lower Upper

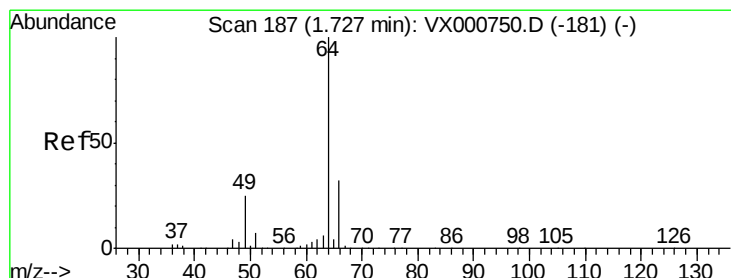
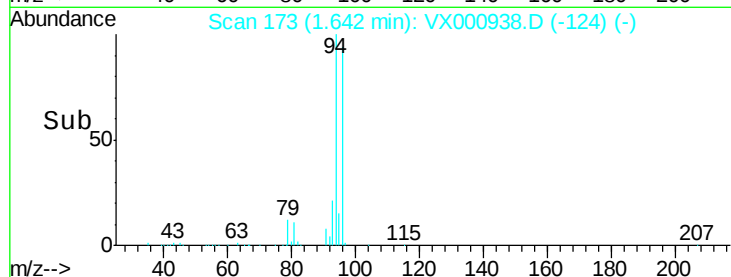
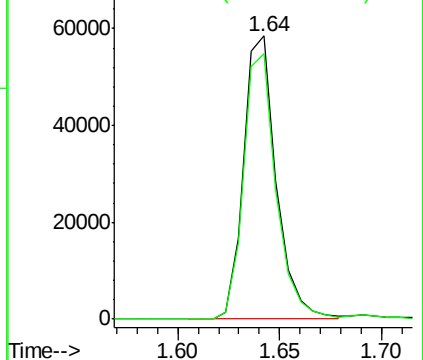
94 100

96 93.9 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: 51.229 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000938.D

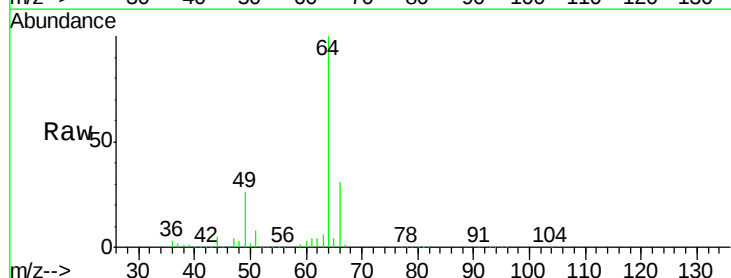
Acq: 16 Apr 2018 23:29

Tgt Ion: 64 Resp: 80318

Ion Ratio Lower Upper

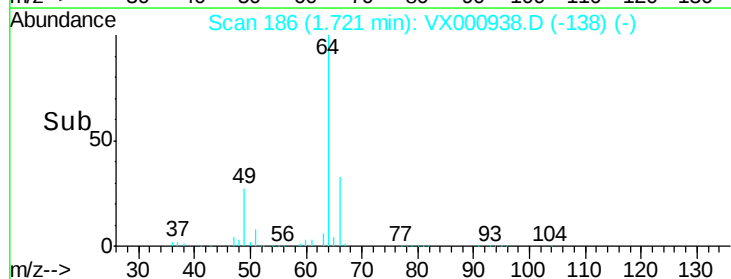
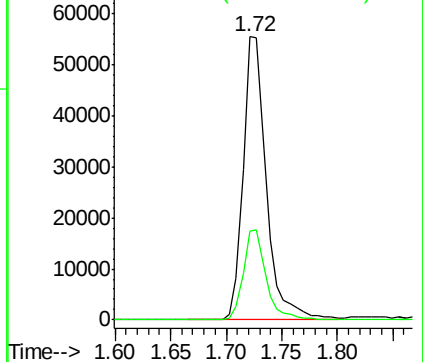
64 100

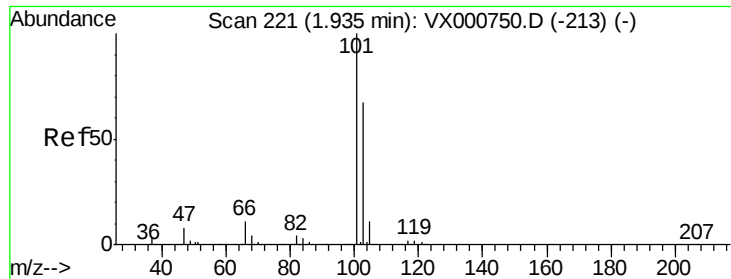
66 31.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



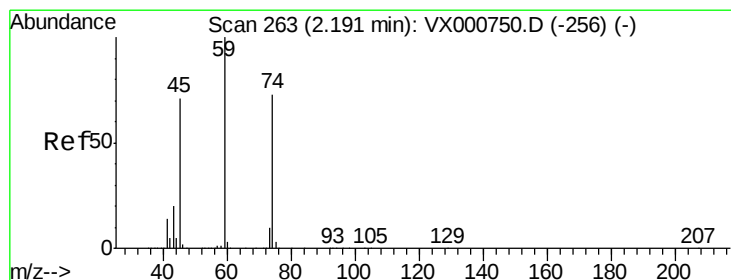
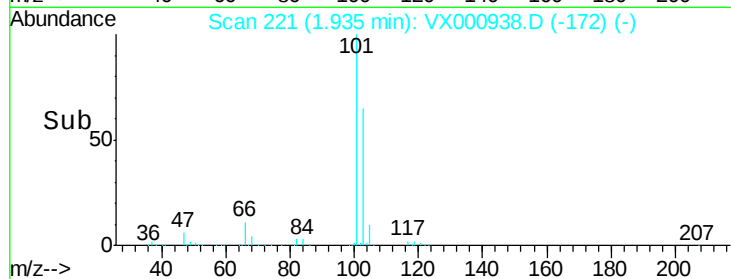
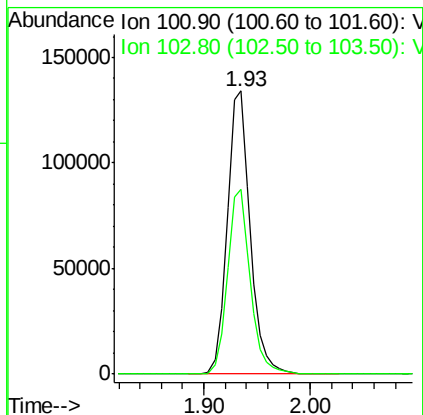
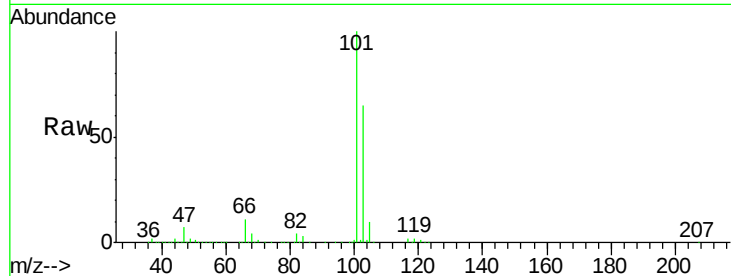


#7

Trichlorofluoromethane
Concen: 51.726 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

Instrument :
MSVOA_X
ClientSampled :

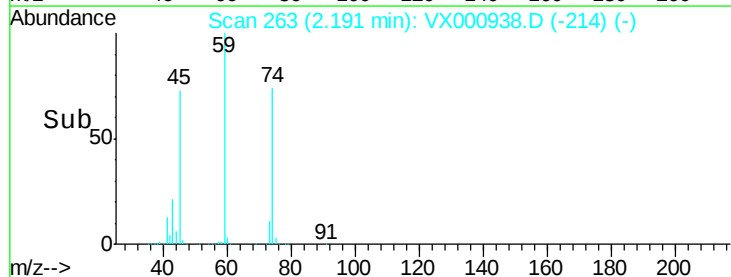
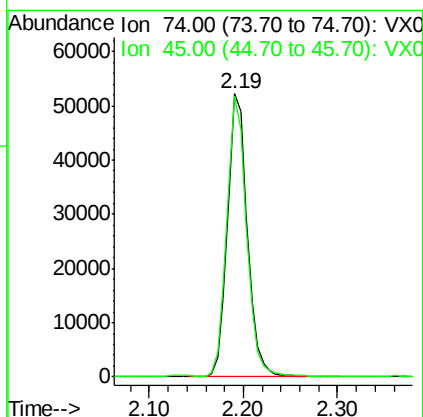
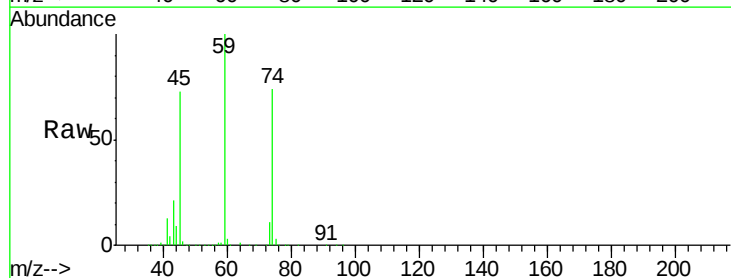
Tot Ion:101 Resp: 201877
Ion Ratio Lower Upper
101 100
103 65.2 53.2 79.8

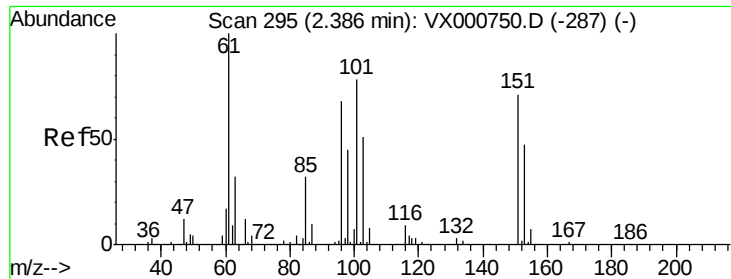


#8

Diethyl Ether
Concen: 52.601 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

Tgt Ion: 74 Resp: 76688
Ion Ratio Lower Upper
74 100
45 98.0 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.963 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000938.D

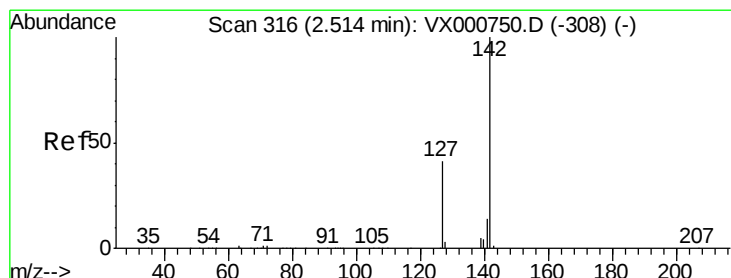
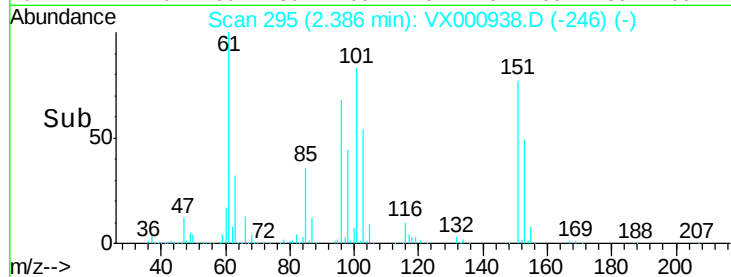
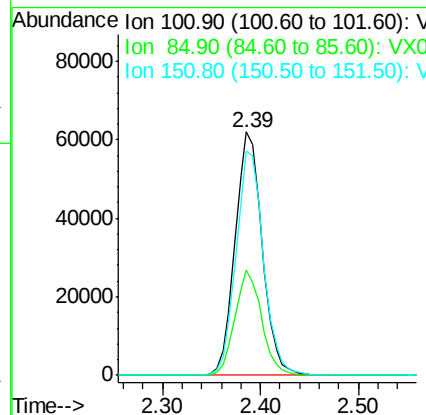
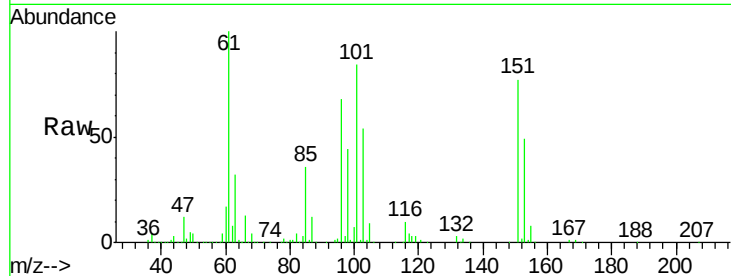
Acq: 16 Apr 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
101	100		
85	42.6	34.0	51.0
151	93.0	75.8	113.8



#10

Methyl Iodide

Concen: 51.252 ug/l

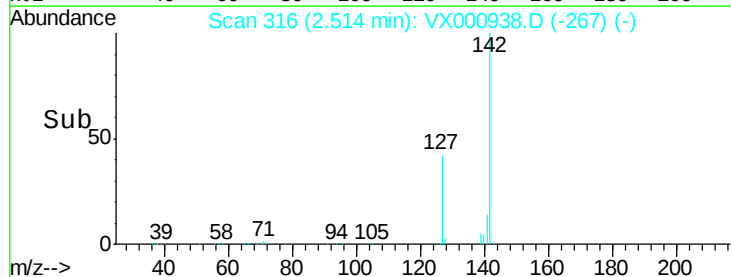
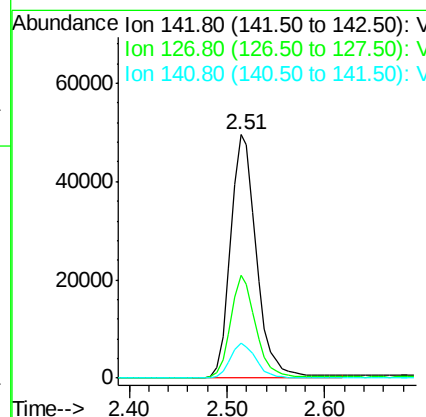
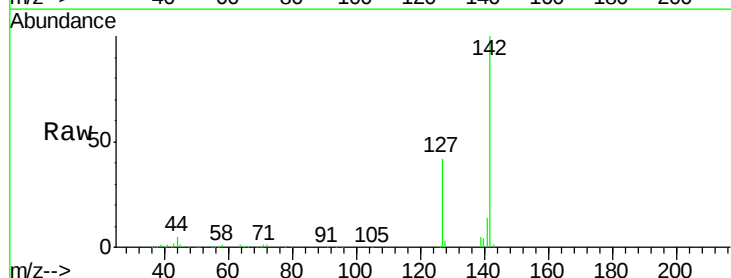
RT: 2.51 min Scan# 316

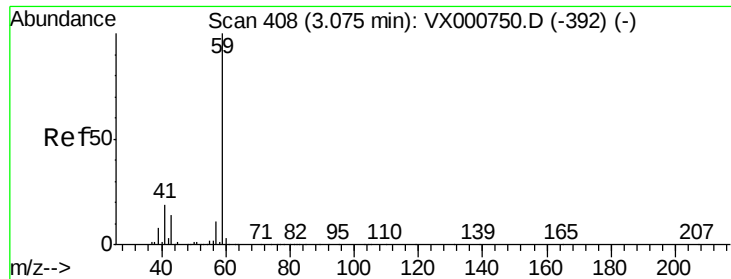
Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.8	32.6	49.0
141	14.1	11.5	17.3



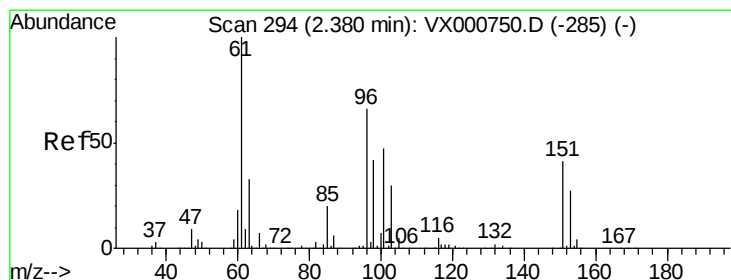
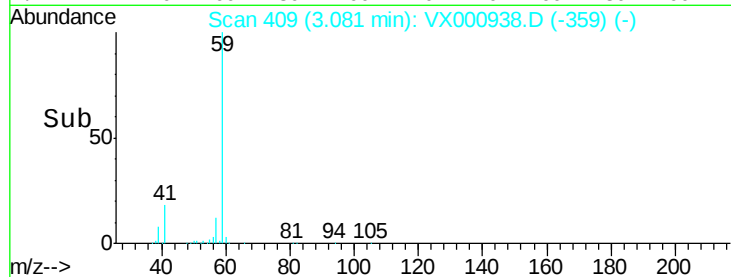
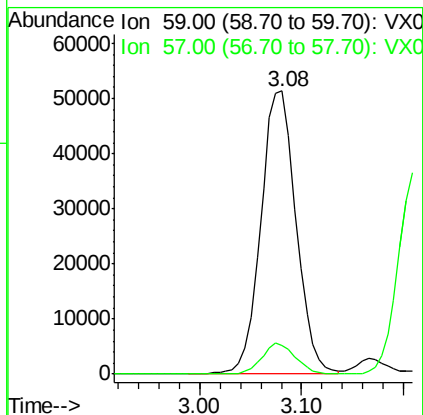
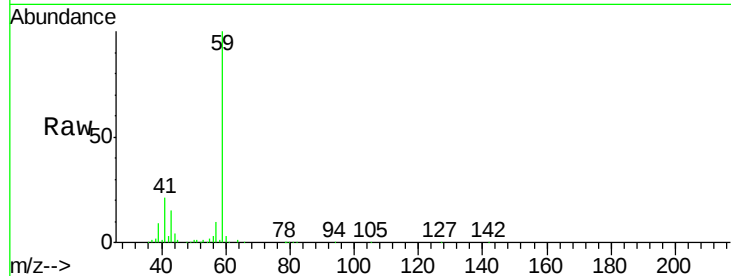


#11

Tert butyl alcohol
Concen: 231.801 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :

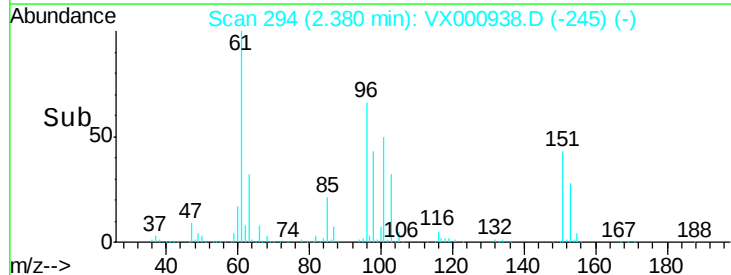
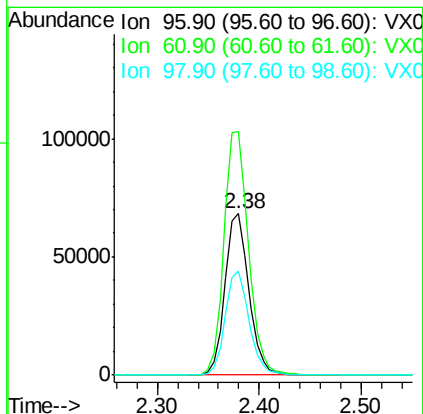
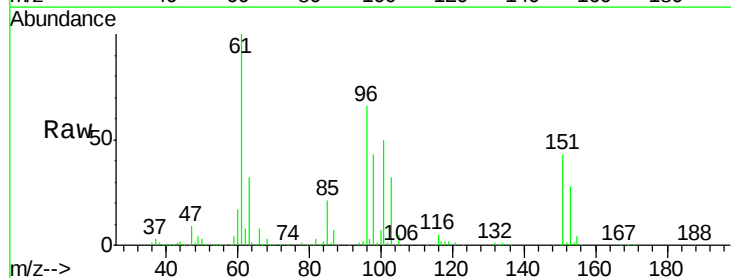
Tot Ion: 59 Resp: 123302
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6

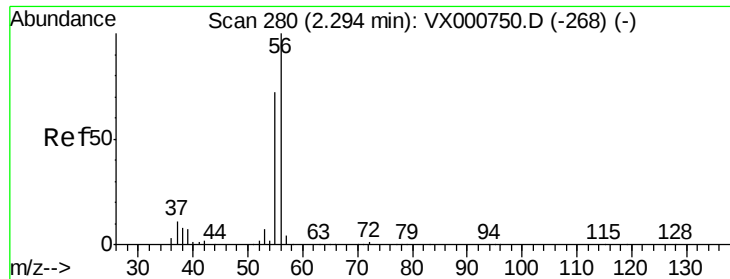


#12

1,1-Dichloroethene
Concen: 50.772 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

Tgt Ion: 96 Resp: 110724
Ion Ratio Lower Upper
96 100
61 151.0 120.5 180.7
98 64.5 50.9 76.3

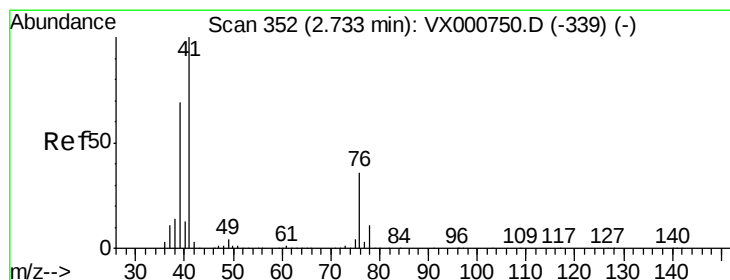
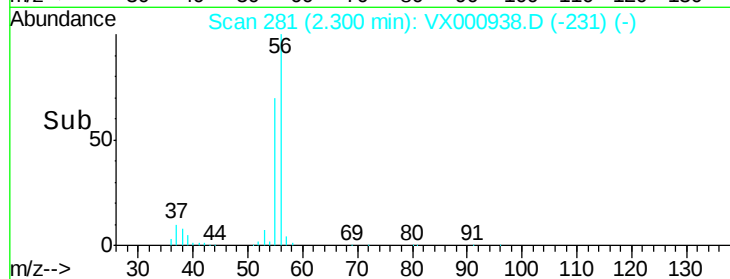
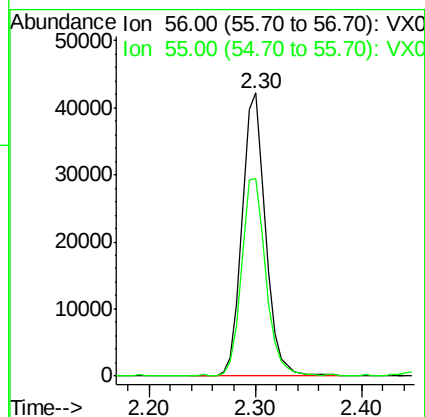
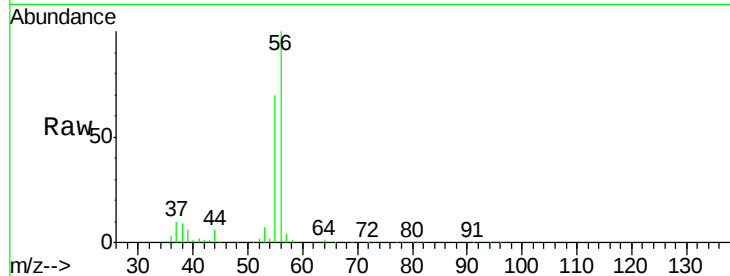




#13
Acrolein
Concen: 252.181 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

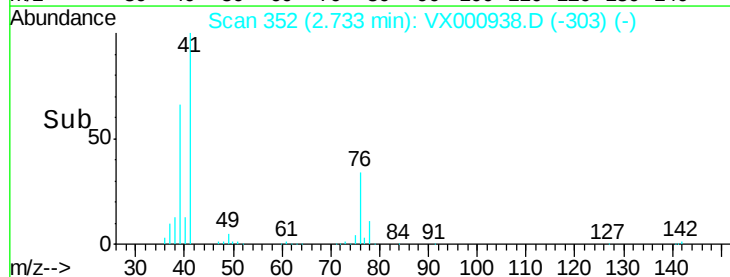
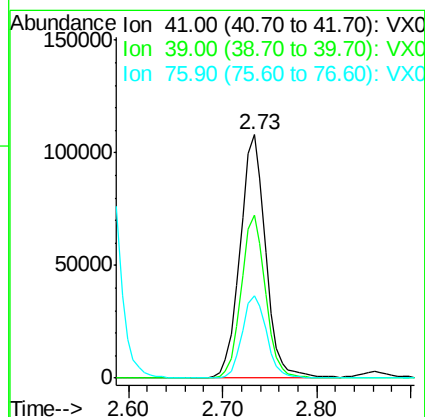
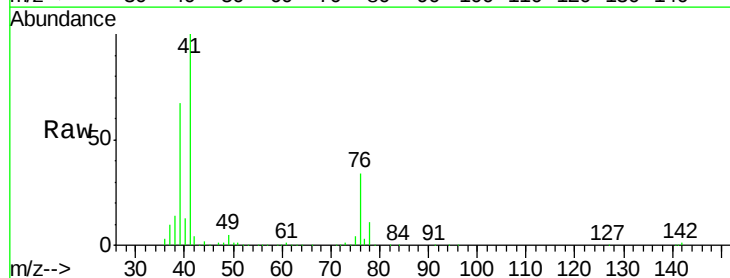
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 65143
Ion Ratio Lower Upper
56 100
55 72.3 58.7 88.1



#14
Allyl chloride
Concen: 50.488 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

Tgt Ion: 41 Resp: 203595
Ion Ratio Lower Upper
41 100
39 63.6 51.5 77.3
76 32.2 26.5 39.7





#15

Acrylonitrile

Concen: 276.835 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

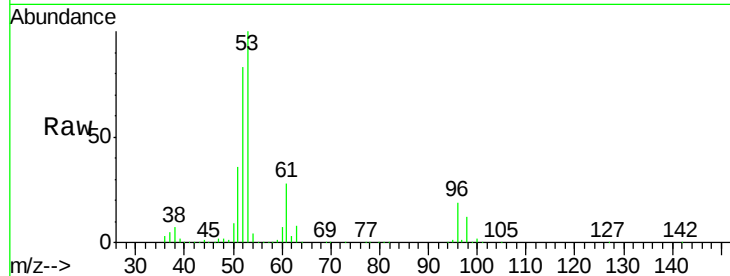
Tot Ion: 53 Resp: 313952

Ion Ratio Lower Upper

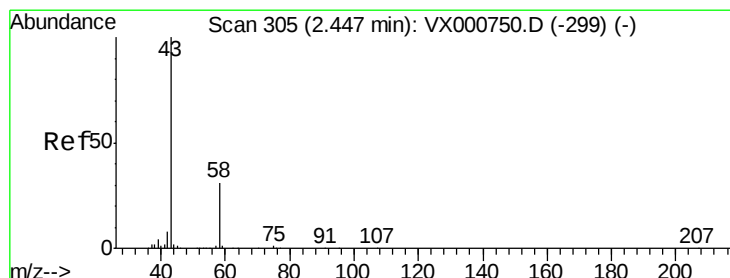
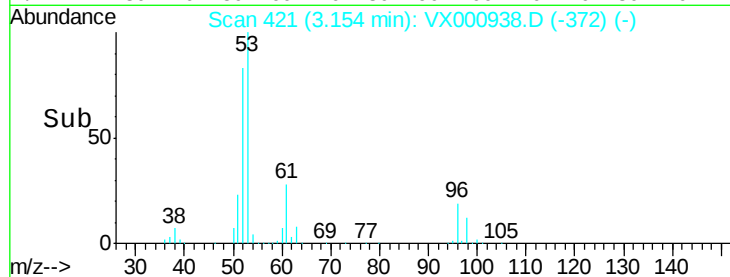
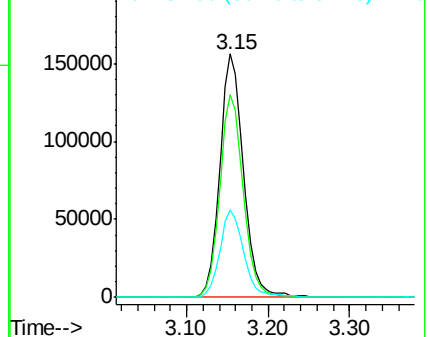
53 100

52 83.2 66.5 99.7

51 36.5 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 246.214 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000938.D

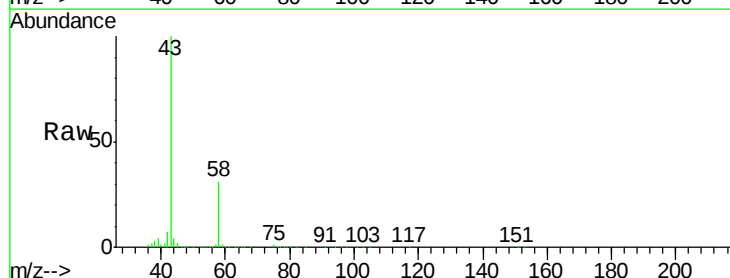
Acq: 16 Apr 2018 23:29

Tgt Ion: 43 Resp: 254384

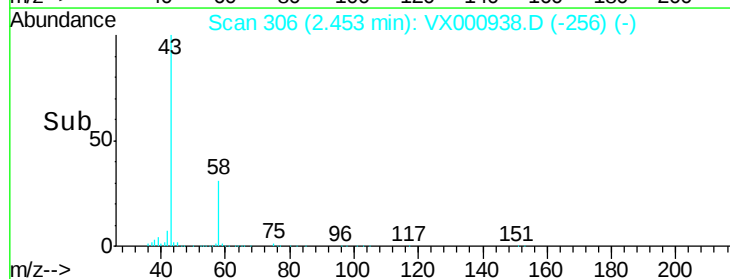
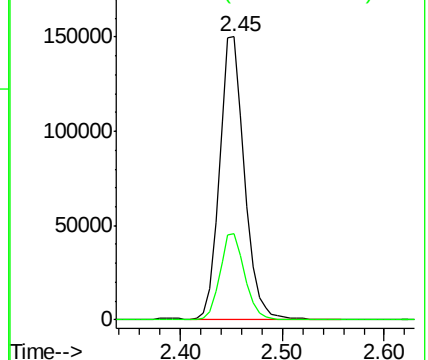
Ion Ratio Lower Upper

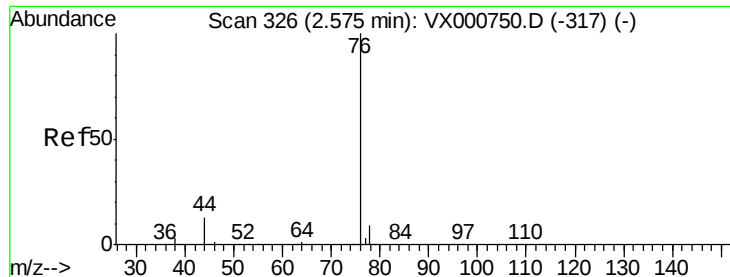
43 100

58 30.6 24.6 37.0



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

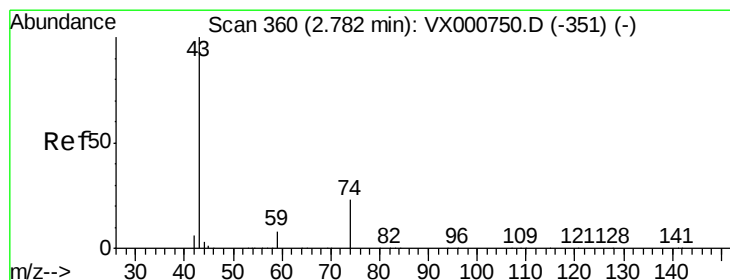
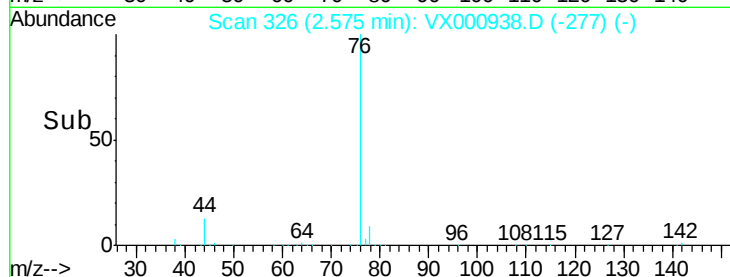
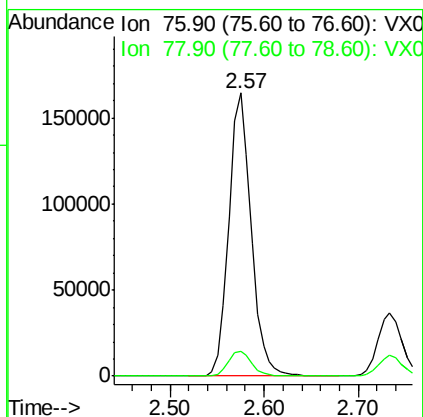
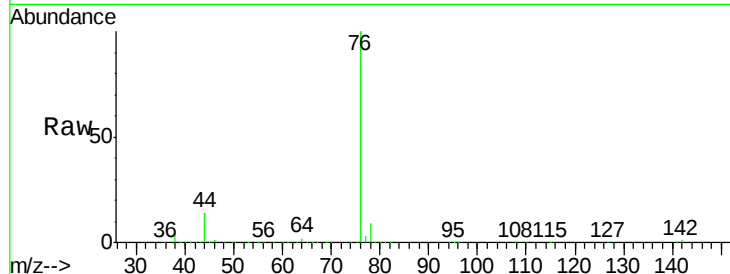




#17
Carbon Disulfide
Concen: 41.040 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

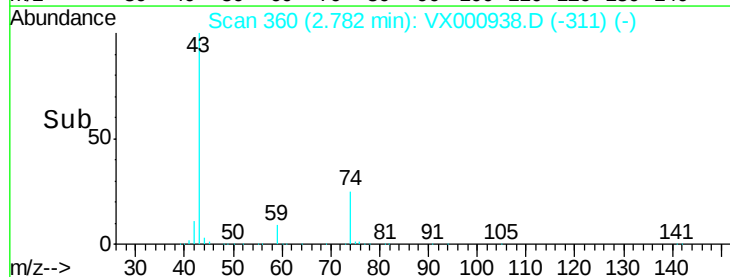
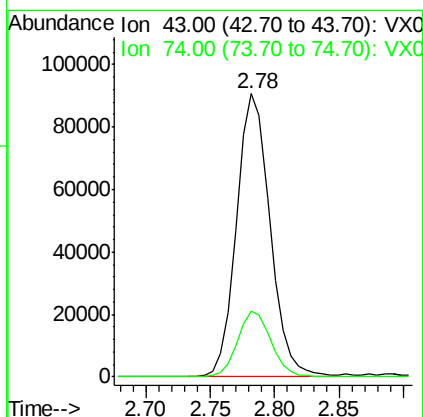
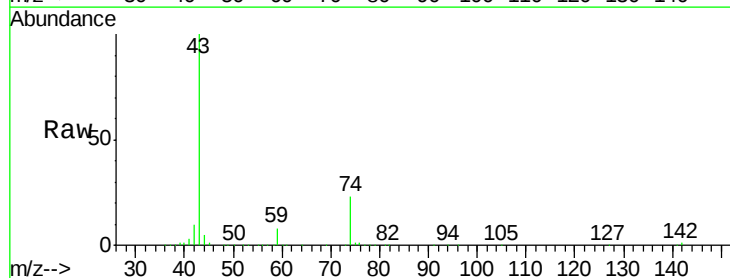
Instrument :
MSVOA_X
ClientSampleId :

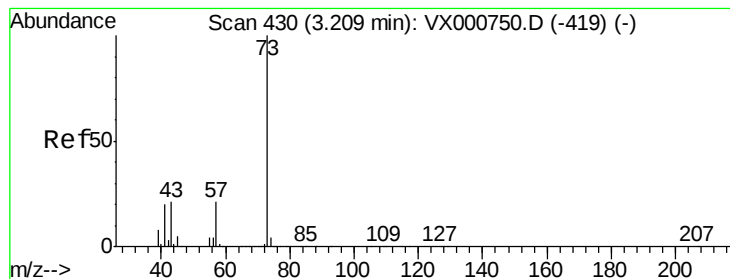
Tot Ion: 76 Resp: 271017
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 60.557 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

Tgt Ion: 43 Resp: 161913
Ion Ratio Lower Upper
43 100
74 23.7 19.1 28.7



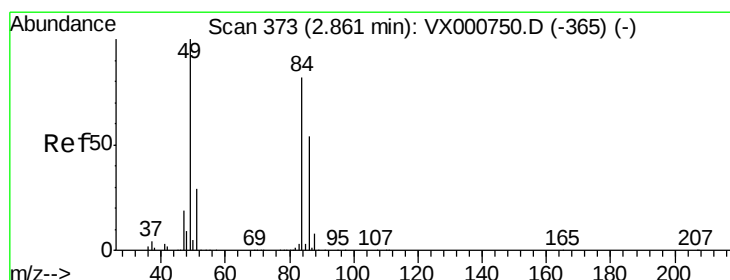
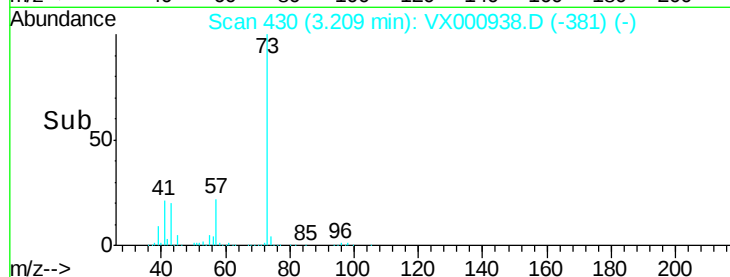
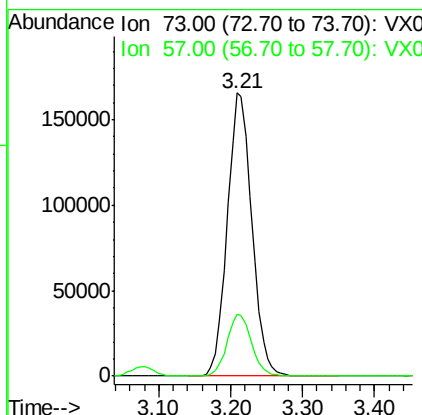
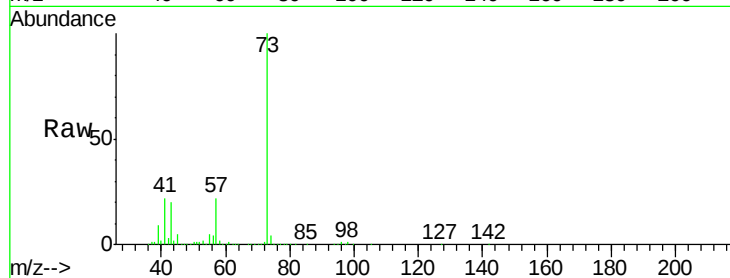


#19

Methyl tert-butyl Ether
 Concen: 54.153 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX000938.D
 Acq: 16 Apr 2018 23:29

Instrument :
 MSVOA_X
 ClientSampleId :

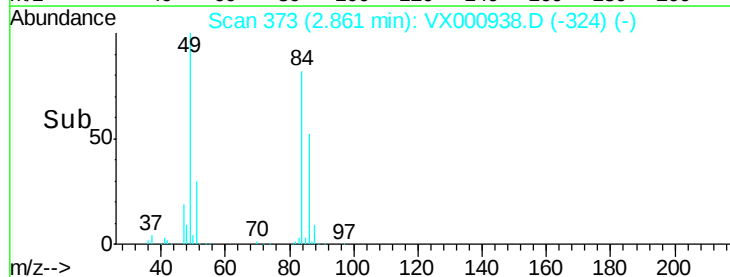
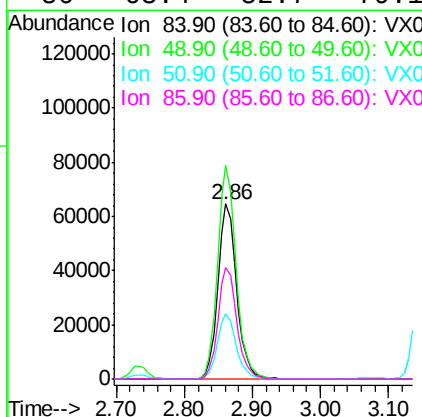
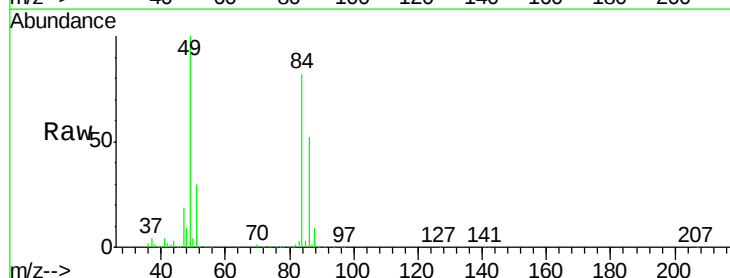
Tot Ion: 73 Resp: 393366
 Ion Ratio Lower Upper
 73 100
 57 22.0 16.9 25.3

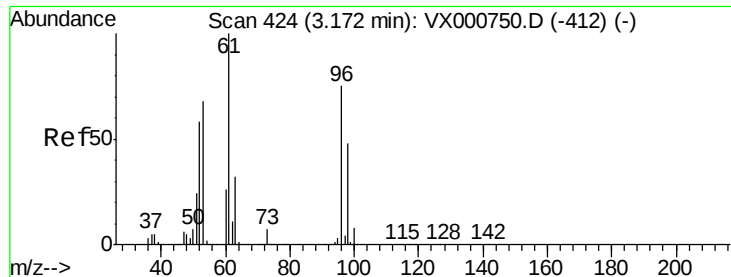


#20

Methylene Chloride
 Concen: 51.316 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX000938.D
 Acq: 16 Apr 2018 23:29

Tgt Ion: 84 Resp: 123315
 Ion Ratio Lower Upper
 84 100
 49 121.8 98.1 147.1
 51 36.8 28.9 43.3
 86 63.4 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 50.143 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

Instrument :

MSVOA_X

ClientSampled :

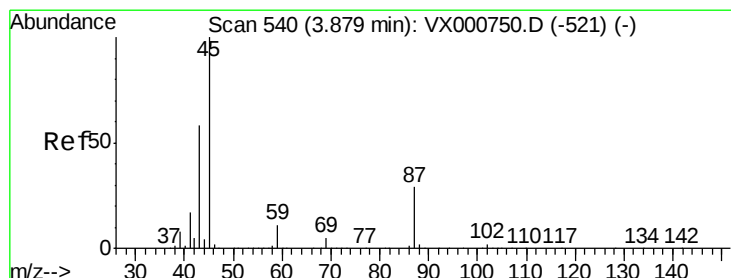
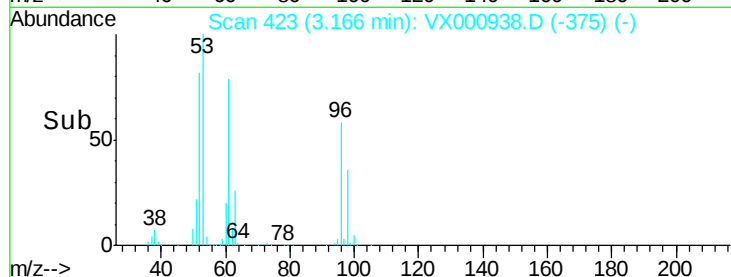
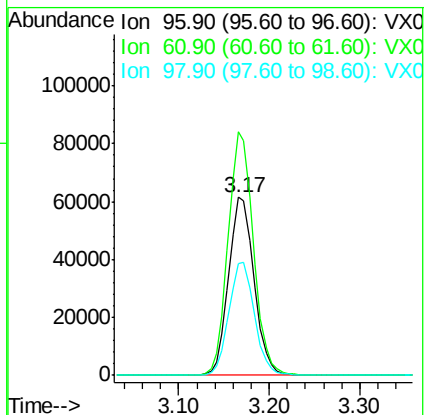
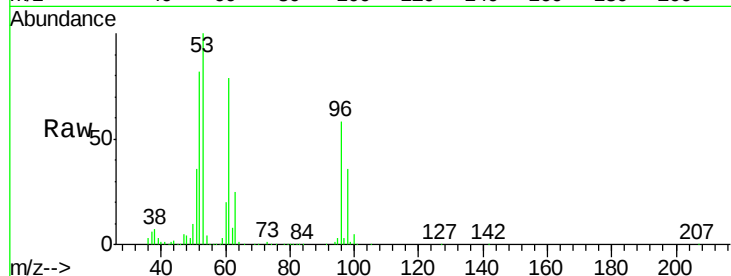
Tot Ion: 96 Resp: 120589

Ion Ratio Lower Upper

96 100

61 136.6 106.2 159.2

98 62.5 51.2 76.8



#22

Diisopropyl ether

Concen: 56.484 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

Tgt Ion: 45 Resp: 418599

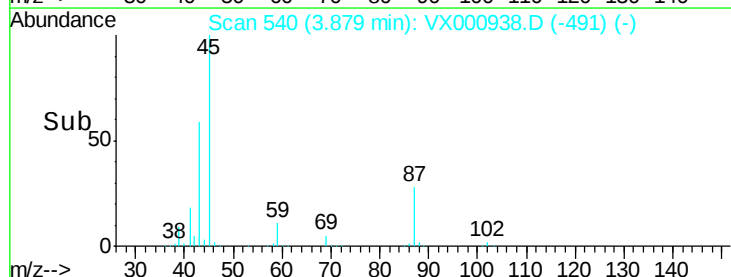
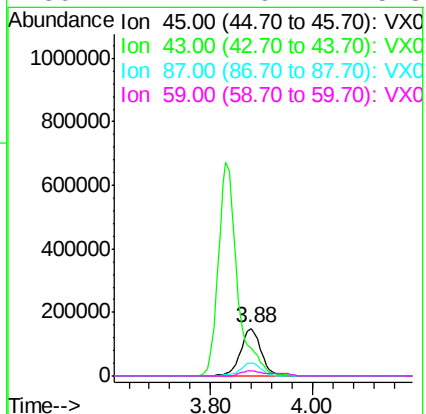
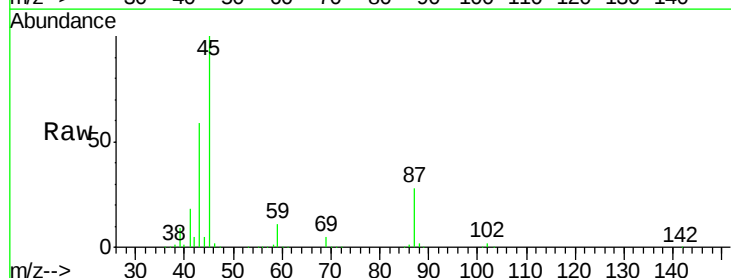
Ion Ratio Lower Upper

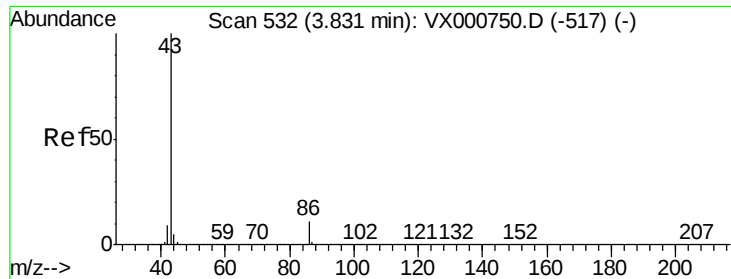
45 100

43 58.7 46.6 69.8

87 27.7 22.9 34.3

59 11.1 9.2 13.8





#23

Vinyl Acetate

Concen: 269.503 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

Instrument :

MSVOA_X

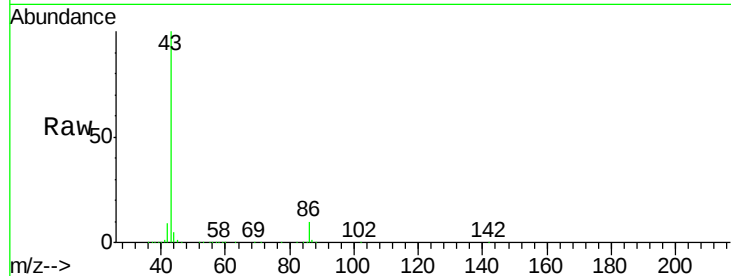
ClientSampleId :

Tot Ion: 43 Resp: 1753564

Ion Ratio Lower Upper

43 100

86 10.4 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

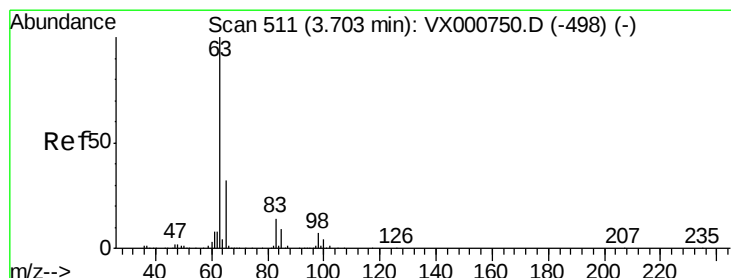
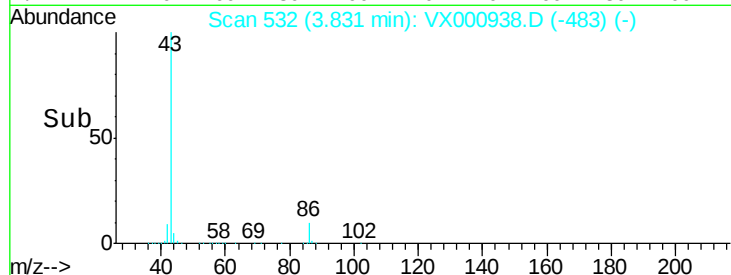
600000

400000

200000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 54.269 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

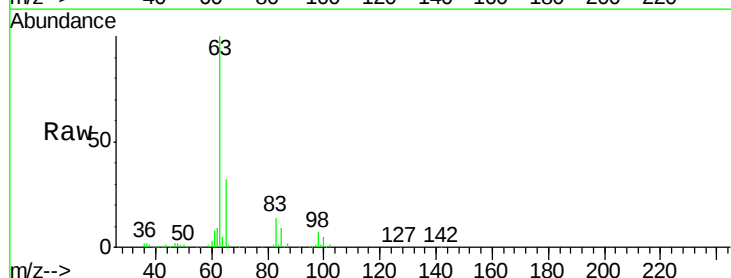
Tgt Ion: 63 Resp: 225674

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.9

100 4.7 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

120000

100000

80000

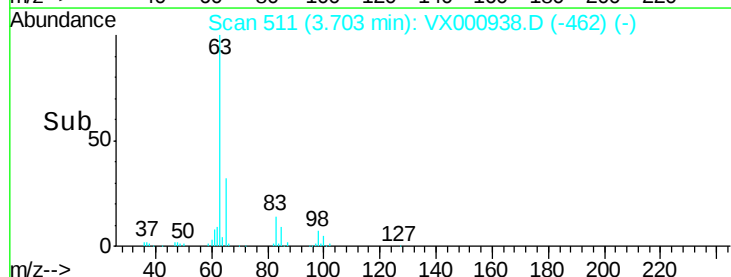
60000

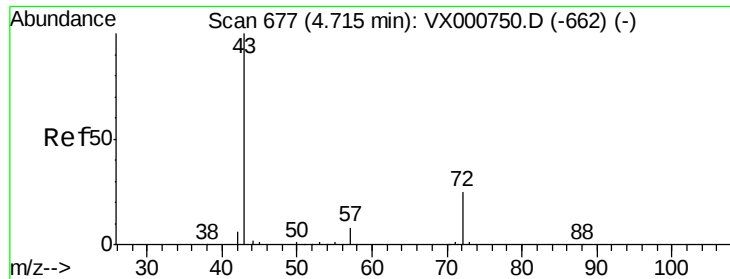
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 263.273 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

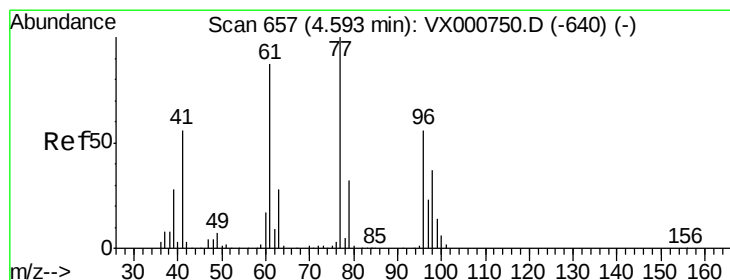
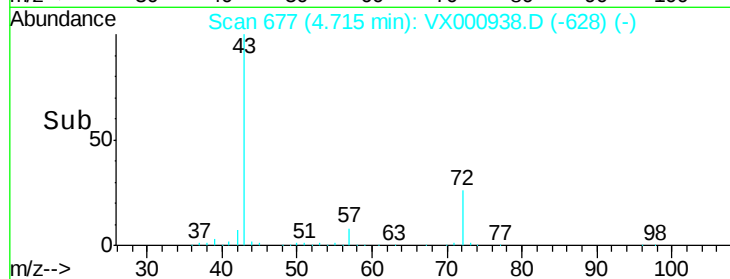
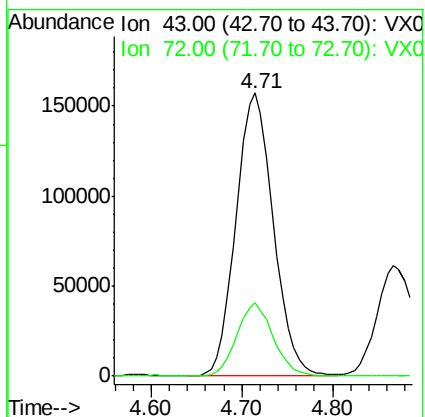
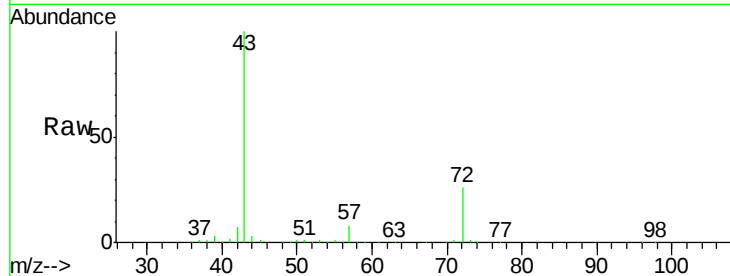
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 449189

Ion Ratio Lower Upper

43 100

72 26.0 20.3 30.5



#26

2,2-Dichloropropane

Concen: 42.274 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000938.D

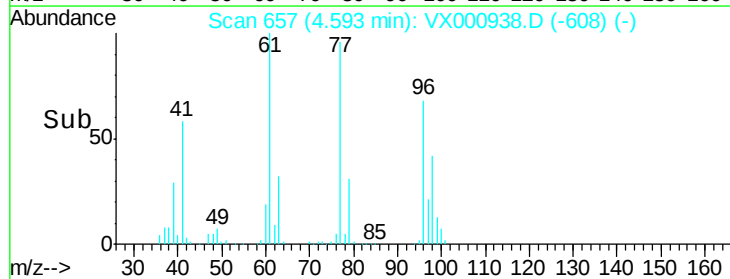
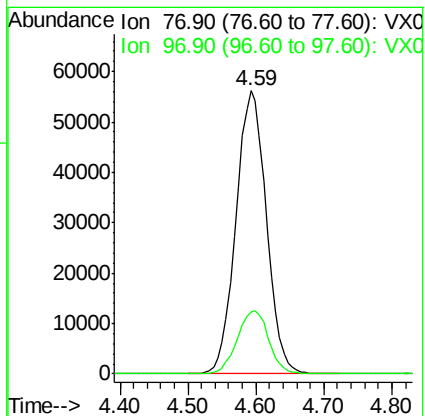
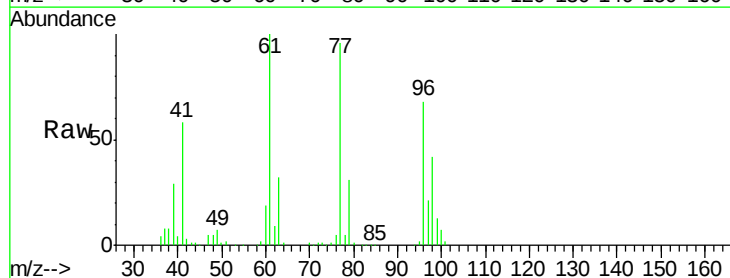
Acq: 16 Apr 2018 23:29

Tgt Ion: 77 Resp: 174490

Ion Ratio Lower Upper

77 100

97 23.1 11.5 34.4



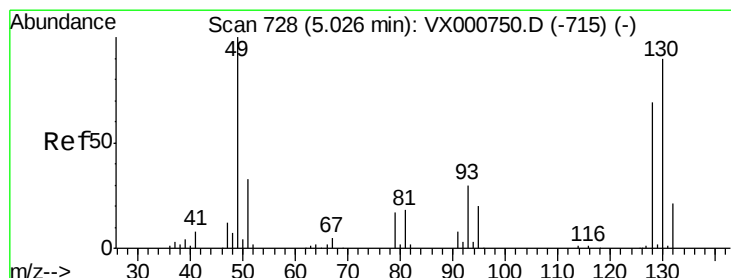
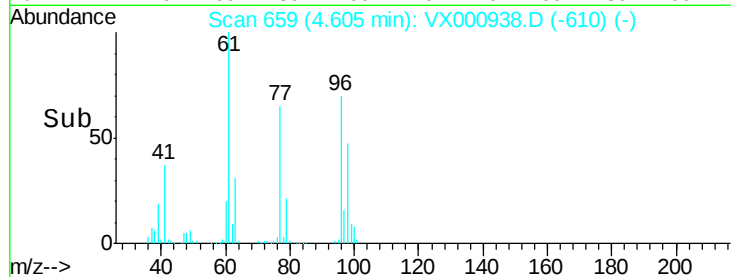
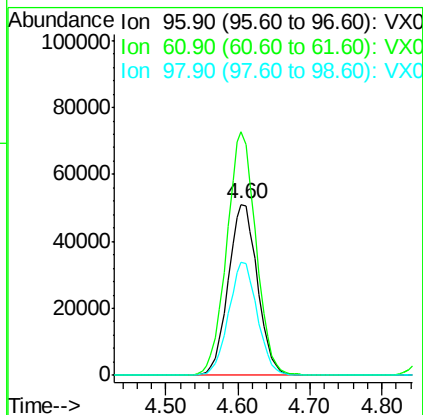
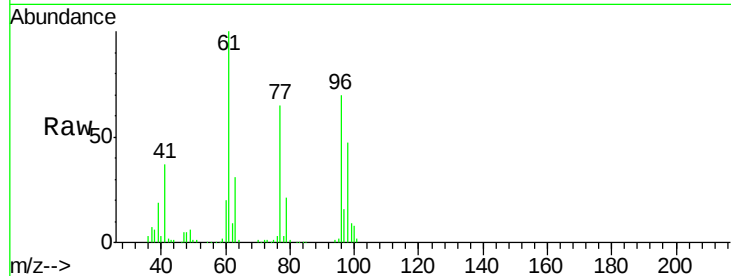


#27

cis-1,2-Dichloroethene
Concen: 52.720 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :

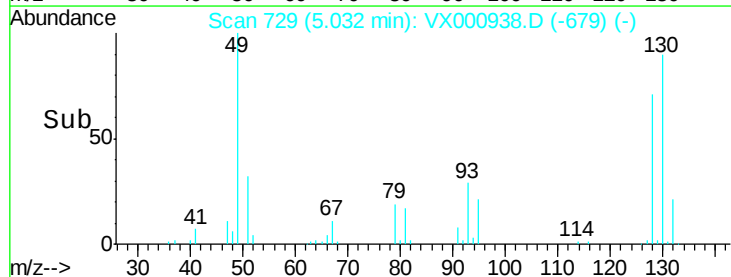
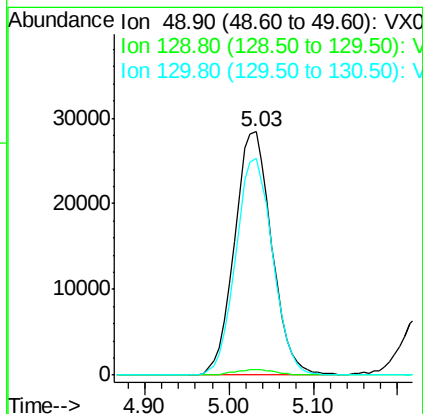
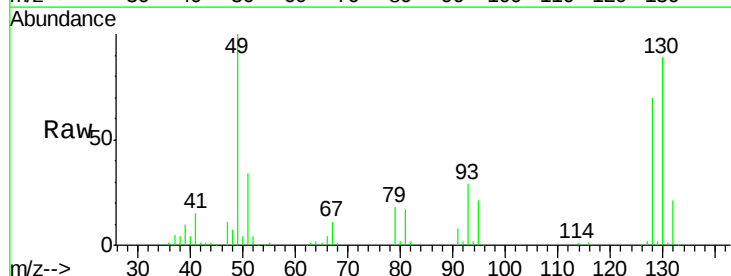
Tot Ion	96	Resp	143884
Ion	Ratio	Lower	Upper
96	100		
61	143.0	0.0	292.4
98	65.2	0.0	130.2

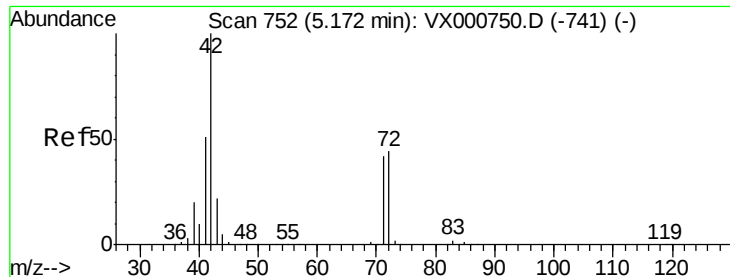


#28

Bromochloromethane
Concen: 50.796 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.01 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

Tgt Ion	49	Resp	85060
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.2
130	88.4	72.6	109.0

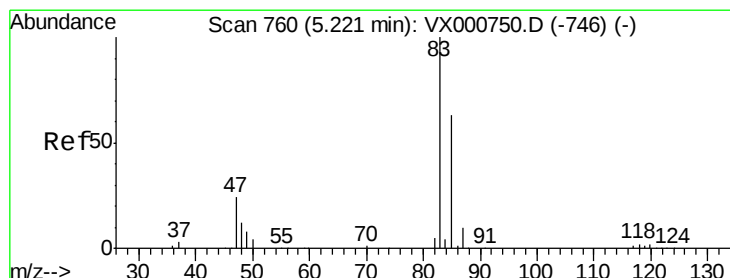
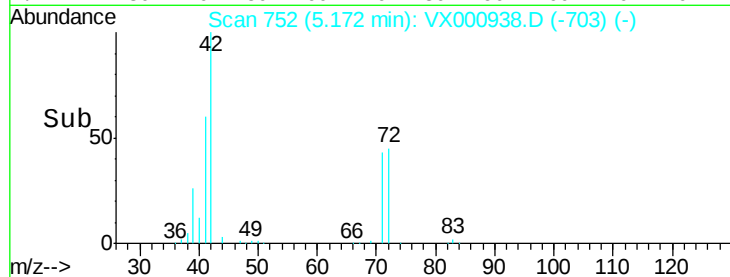
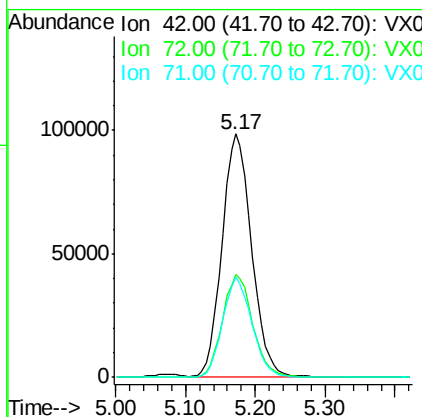
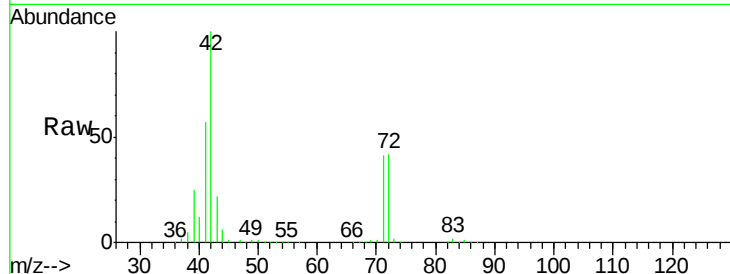




#29
Tetrahydrofuran
Concen: 267.019 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

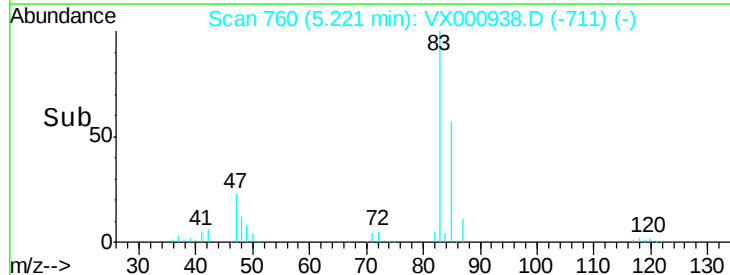
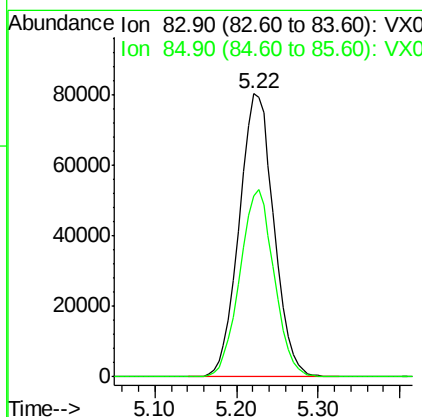
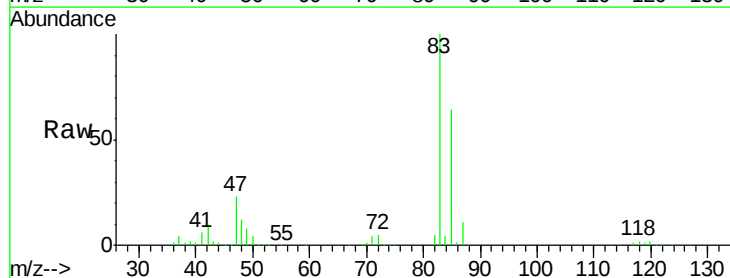
Instrument :
MSVOA_X
ClientSampled :

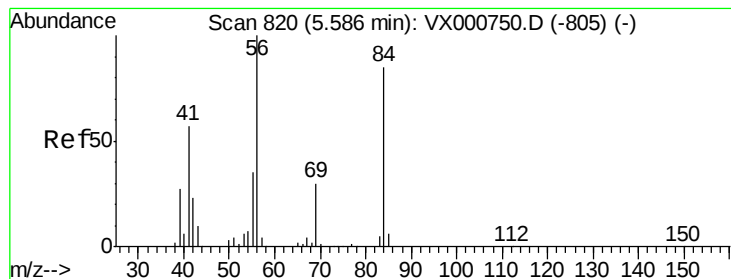
Tot Ion: 42 Resp: 289269
Ion Ratio Lower Upper
42 100
72 43.1 35.1 52.7
71 40.7 32.8 49.2



#30
Chloroform
Concen: 53.875 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

Tgt Ion: 83 Resp: 237205
Ion Ratio Lower Upper
83 100
85 64.0 50.7 76.1





#31

Cyclohexane

Concen: 49.366 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :

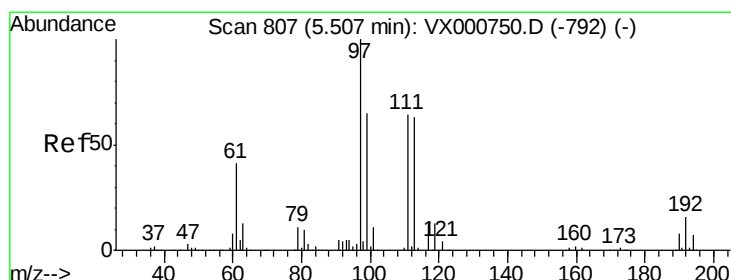
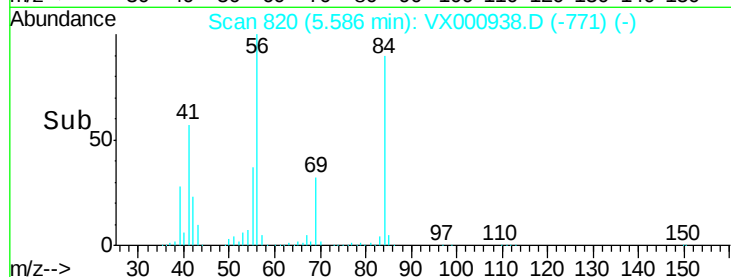
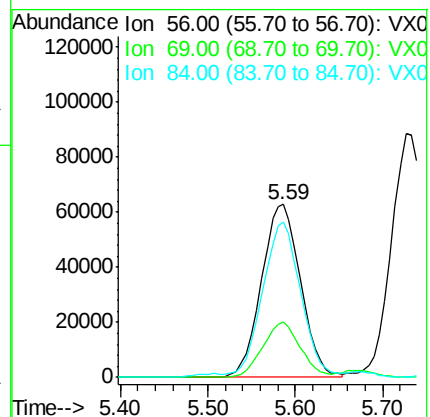
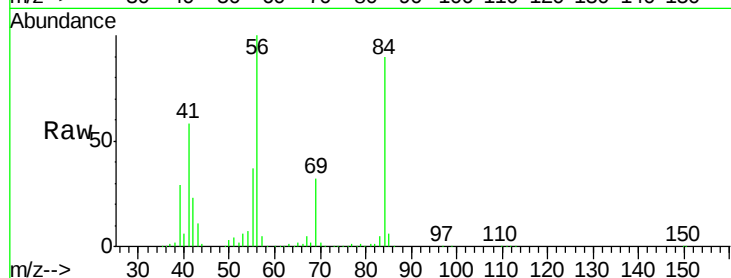
Tot Ion: 56 Resp: 194955

Ion Ratio Lower Upper

56 100

69 31.9 24.2 36.4

84 88.7 67.6 101.4



#32

1,1,1-Trichloroethane

Concen: 51.197 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

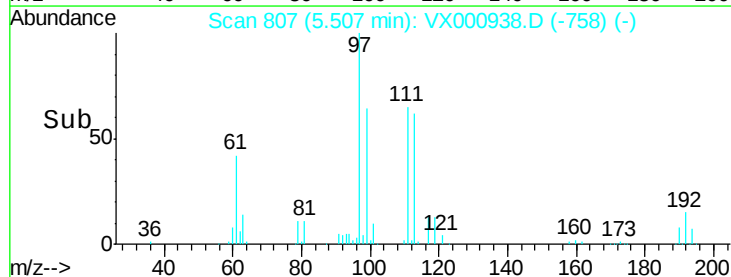
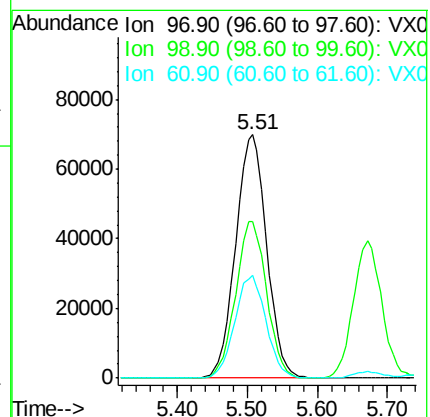
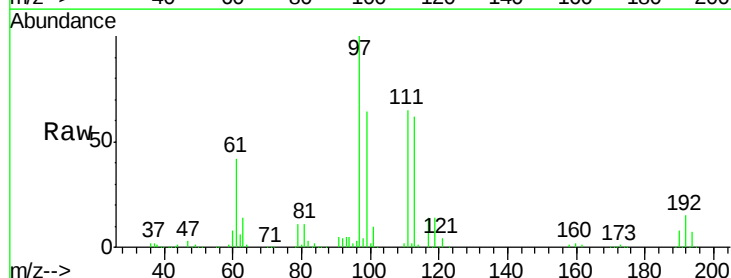
Tgt Ion: 97 Resp: 214752

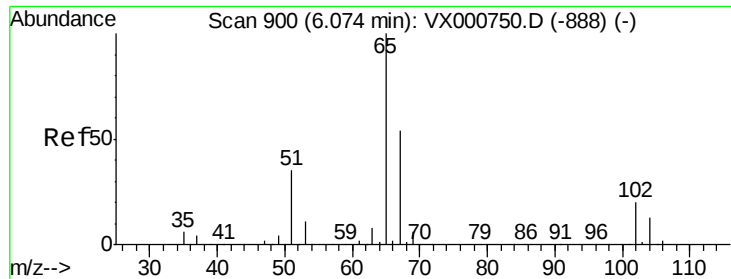
Ion Ratio Lower Upper

97 100

99 64.1 51.4 77.0

61 42.6 33.7 50.5

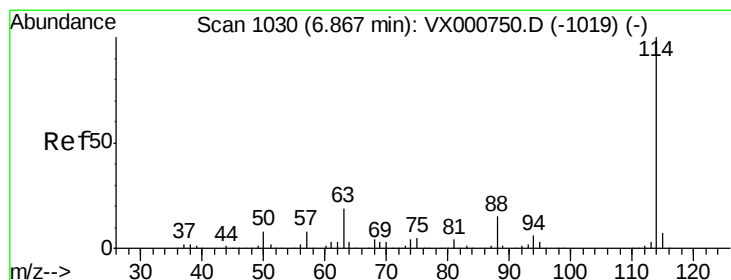
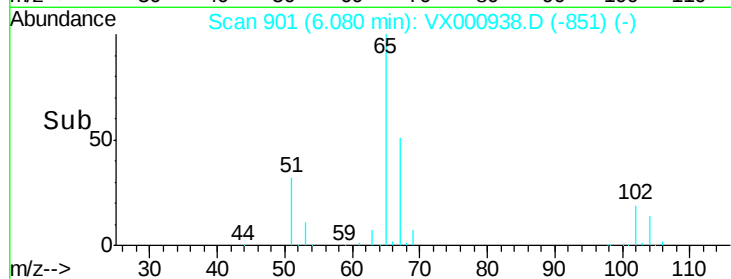
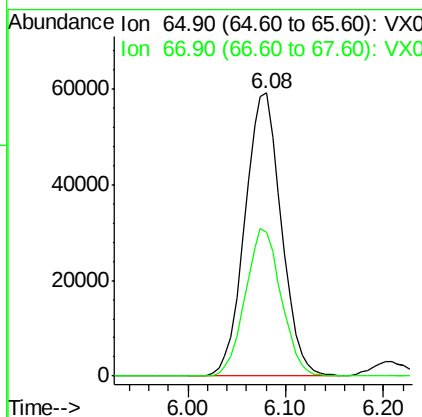
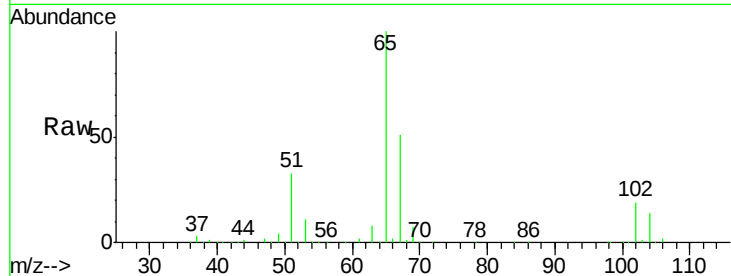




#33
 1,2-Dichloroethane-d4
 Concen: 50.959 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX000938.D
 Acq: 16 Apr 2018 23:29

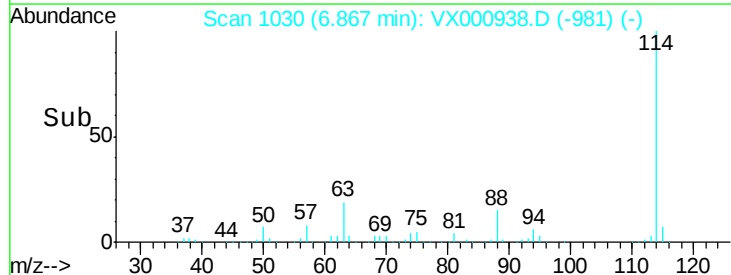
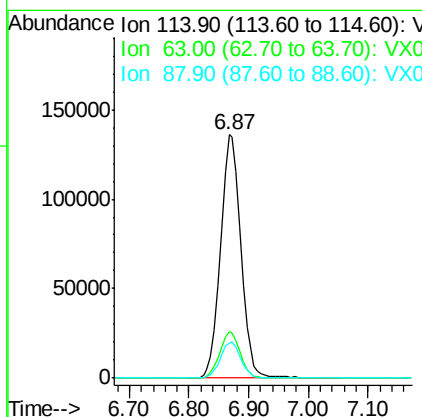
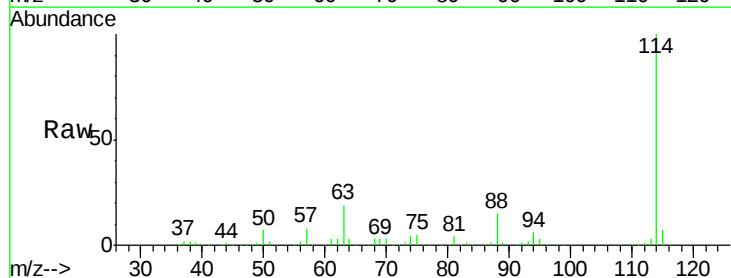
Instrument :
 MSVOA_X
 ClientSampleId :

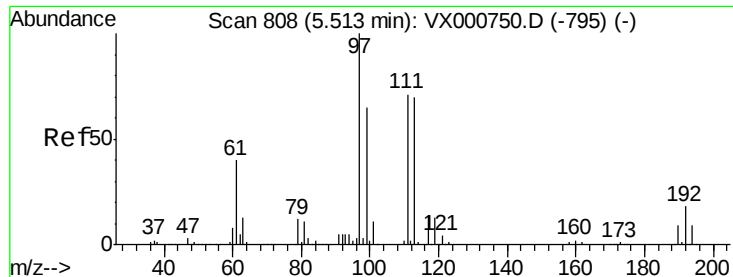
Tot Ion: 65 Resp: 152675
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX000938.D
 Acq: 16 Apr 2018 23:29

Tgt Ion: 114 Resp: 324140
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.4
 88 14.6 0.0 31.0

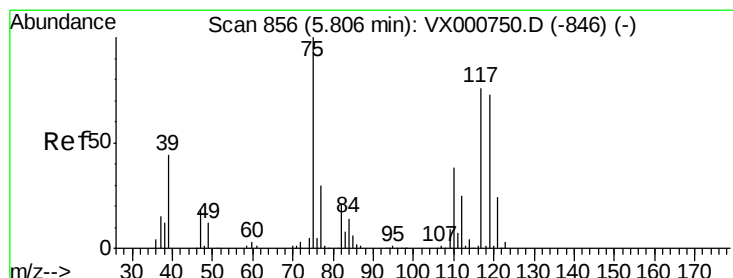
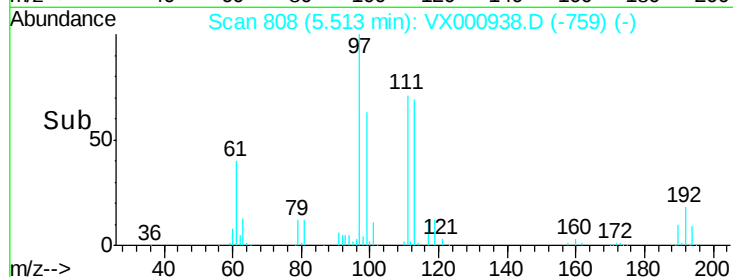
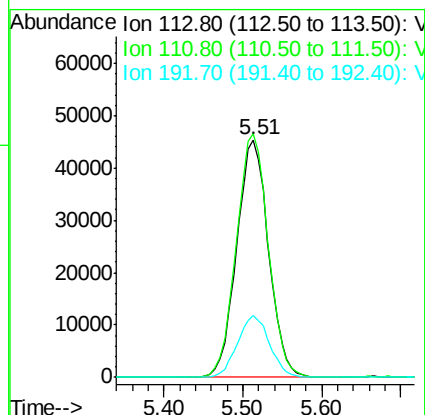
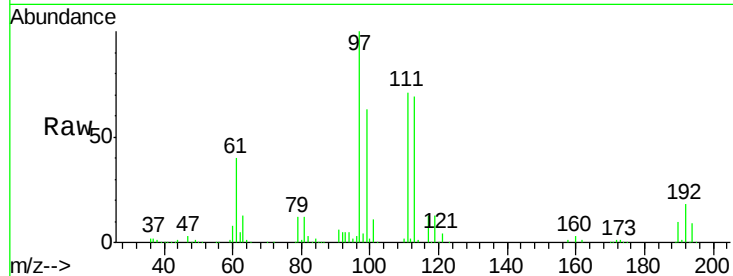




#35
 Dibromofluoromethane
 Concen: 50.964 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX000938.D
 Acq: 16 Apr 2018 23:29

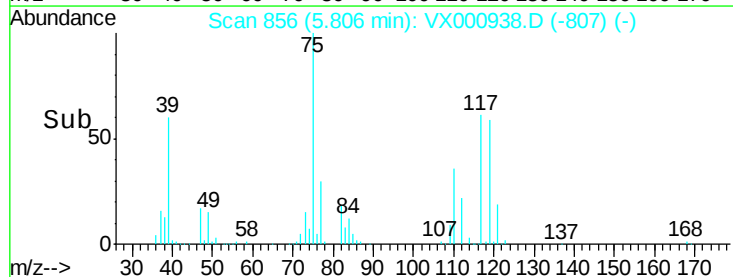
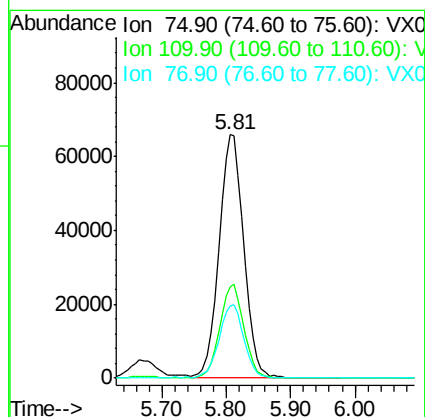
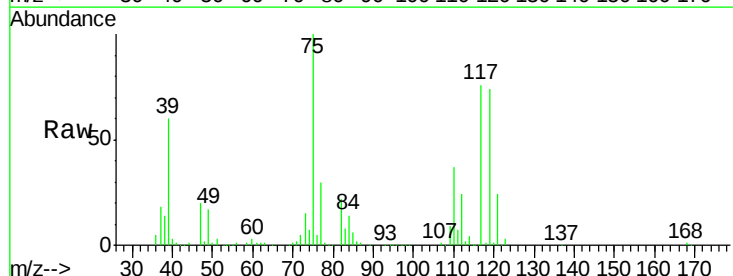
Instrument :
 MSVOA_X
 ClientSampleId :

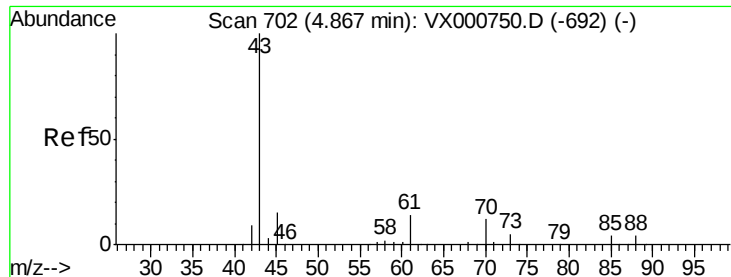
Tot Ion:113 Resp: 127273
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.5 122.3
 192 26.2 20.4 30.6



#36
 1,1-Dichloropropene
 Concen: 49.880 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX000938.D
 Acq: 16 Apr 2018 23:29

Tgt Ion: 75 Resp: 178064
 Ion Ratio Lower Upper
 75 100
 110 37.7 19.2 57.6
 77 30.5 25.4 38.2





#37

Ethyl Acetate

Concen: 51.472 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

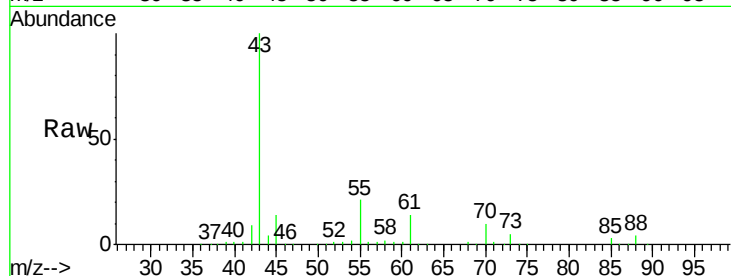
Tot Ion: 43 Resp: 179378

Ion Ratio Lower Upper

43 100

61 13.8 11.0 16.4

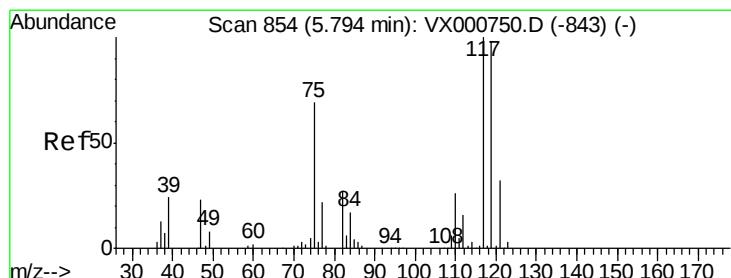
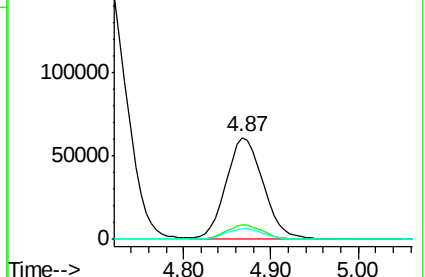
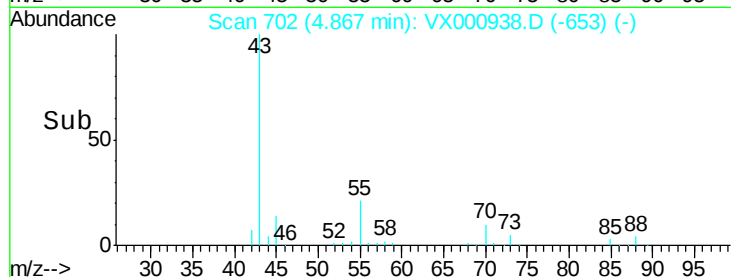
70 10.5 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX000938.D (-653) (-)

Ion 60.90 (60.60 to 61.60): VX000938.D (-653) (-)

Ion 70.00 (69.70 to 70.70): VX000938.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 46.949 ug/l

RT: 5.79 min Scan# 854

Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

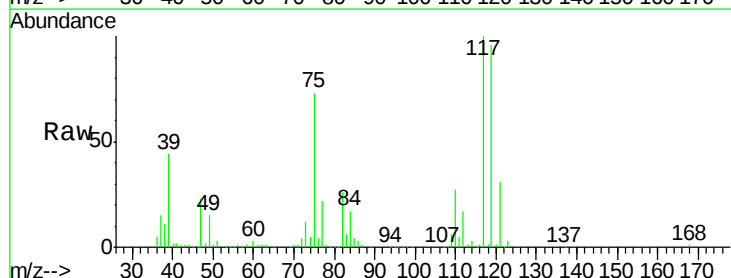
Tgt Ion: 117 Resp: 187588

Ion Ratio Lower Upper

117 100

119 95.8 78.4 117.6

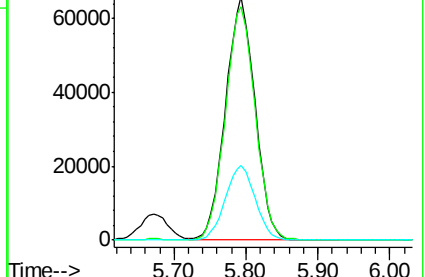
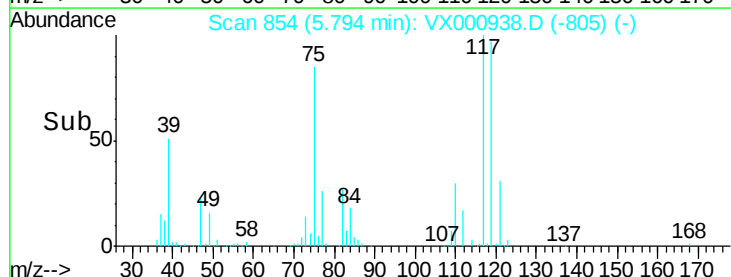
121 30.9 25.4 38.0

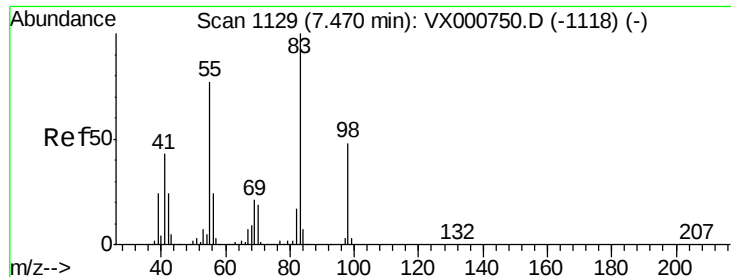


Abundance Ion 116.80 (116.50 to 117.50): VX000938.D (-805) (-)

Ion 118.80 (118.50 to 119.50): VX000938.D (-805) (-)

Ion 120.80 (120.50 to 121.50): VX000938.D (-805) (-)

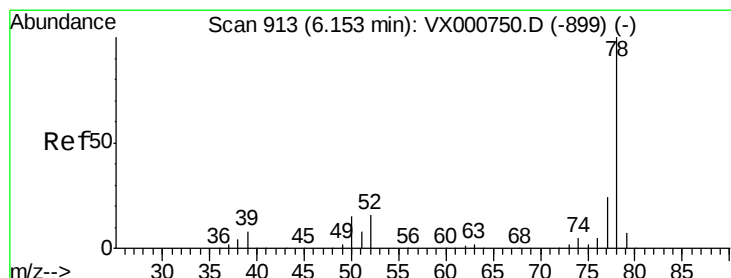
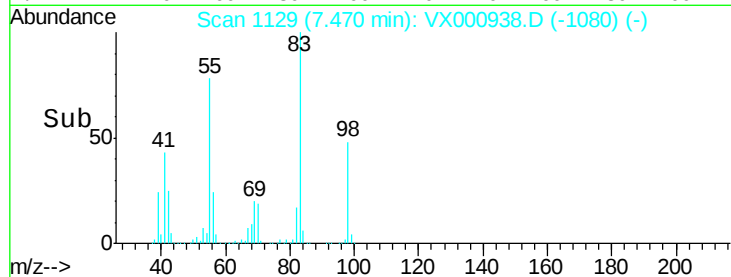
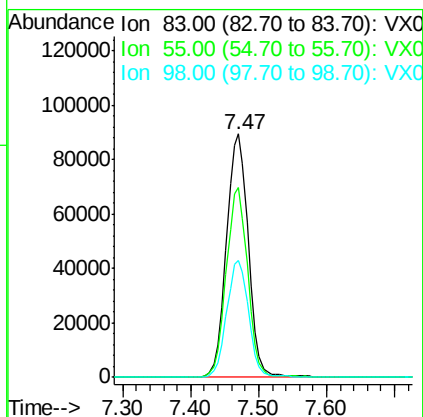
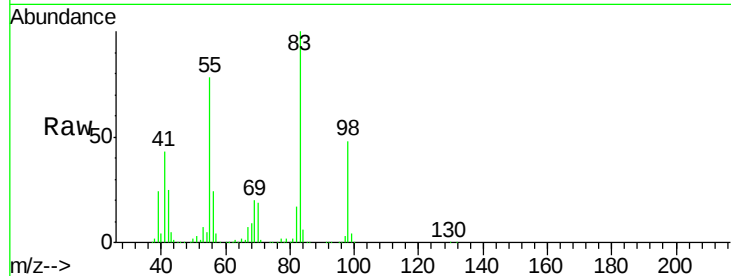




#39
Methvlcvclohexane
Concen: 46.590 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

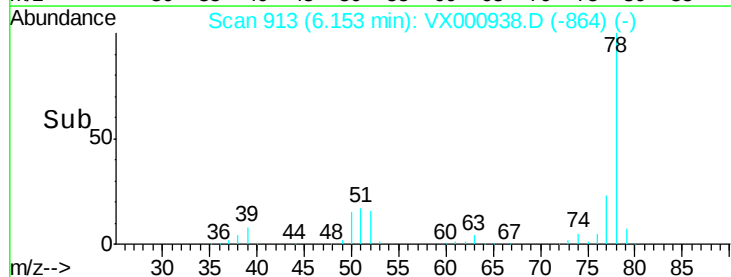
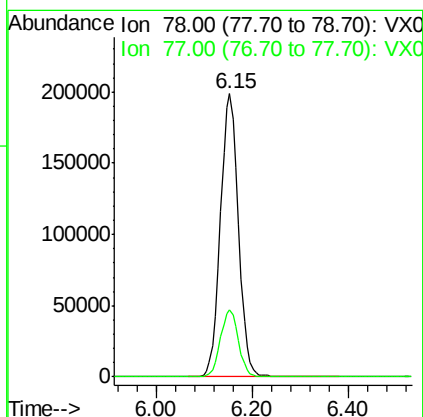
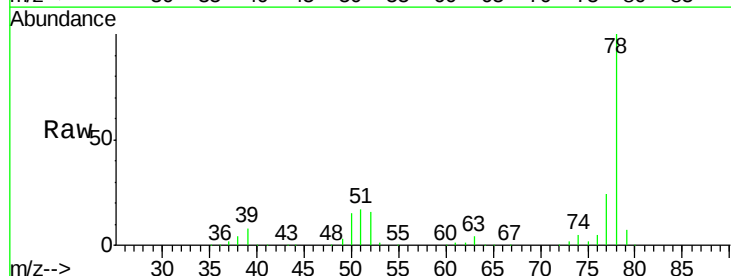
Instrument :
MSVOA_X
ClientSampleId :

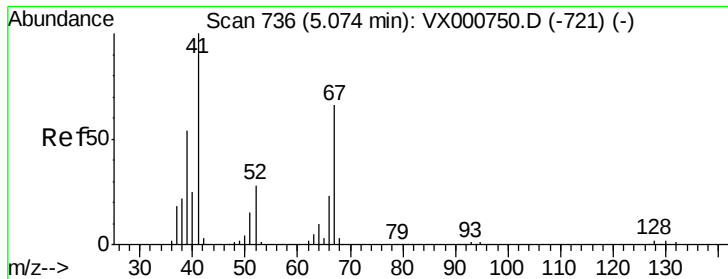
Tot Ion	83	Resp	199730
Ion Ratio	Lower	Upper	
83	100		
55	77.9	61.5	92.3
98	48.2	38.1	57.1



#40
Benzene
Concen: 52.077 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

Tgt Ion	78	Resp	516545
Ion Ratio	Lower	Upper	
78	100		
77	23.6	19.0	28.6

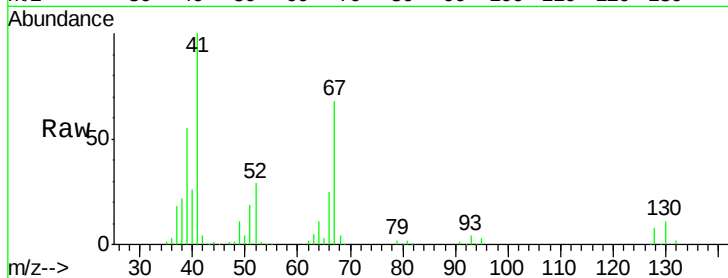




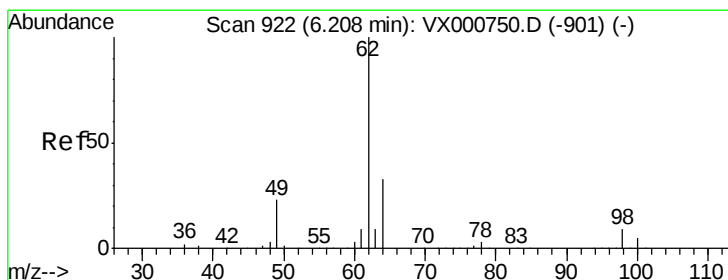
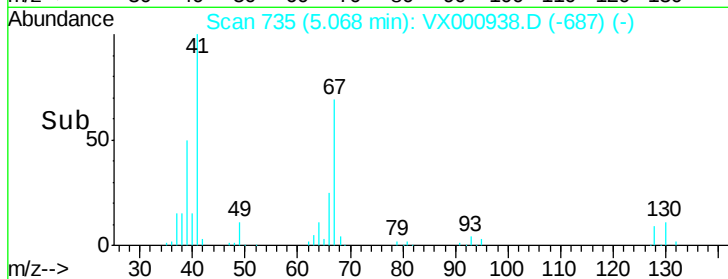
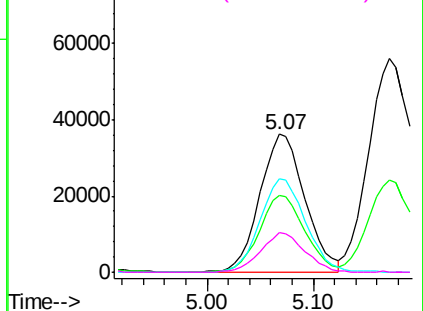
#41
Methacrylonitrile
Concen: 52.861 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	106427
Ion	Ratio	Lower	Upper
41	100		
39	56.1	44.9	67.3
67	68.9	54.7	82.1
52	28.5	23.0	34.6

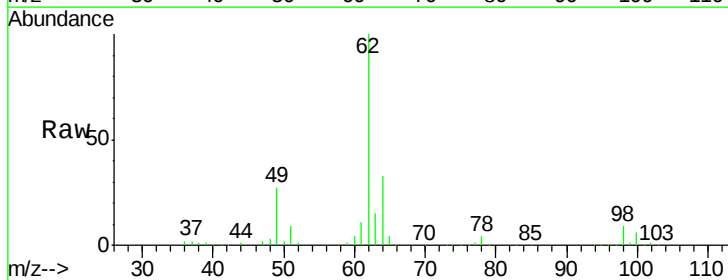


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

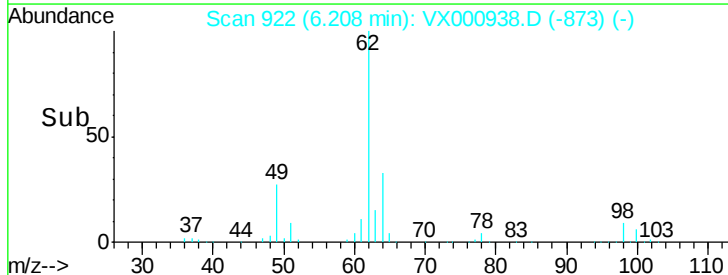
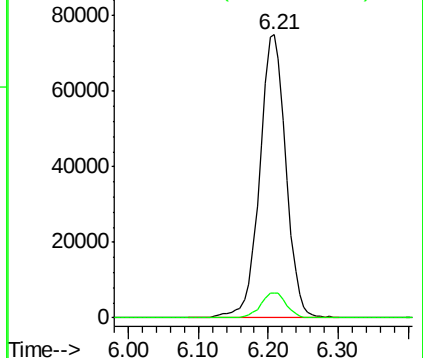


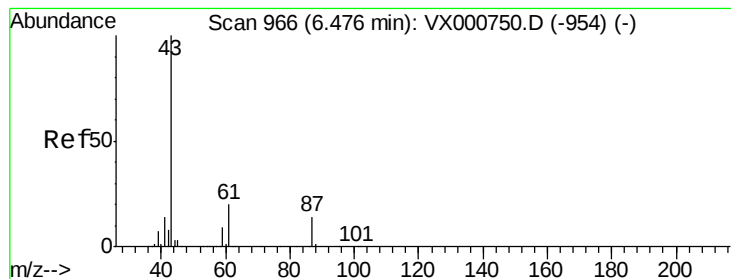
#42
1,2-Dichloroethane
Concen: 52.637 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

Tgt Ion:	62	Resp:	194997
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.6



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



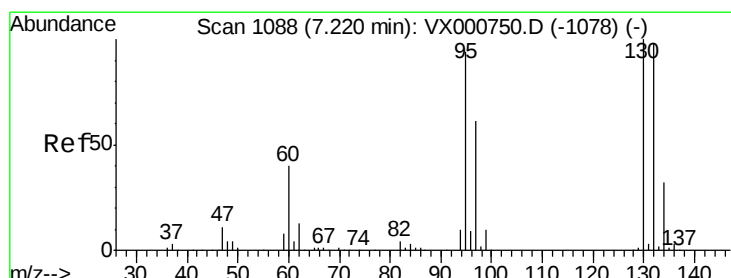
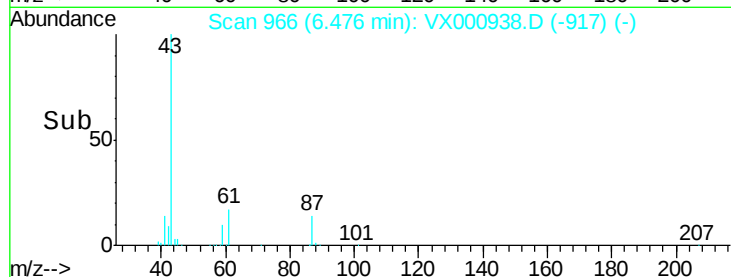
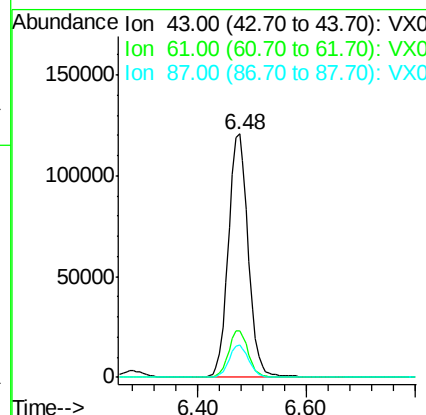
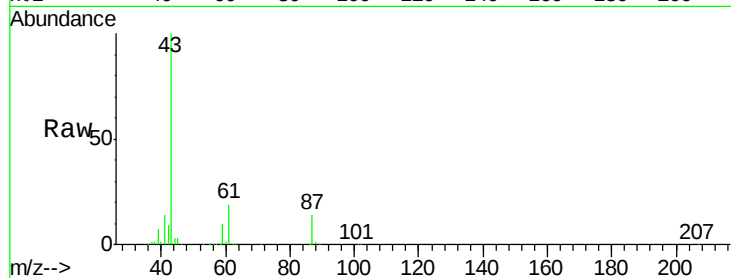


#43

Isopropyl Acetate
 Concen: 51.242 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VX000938.D
 Acq: 16 Apr 2018 23:29

Instrument :
 MSVOA_X
 ClientSampleId :

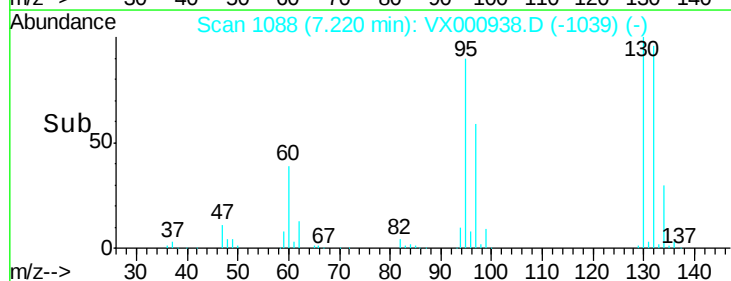
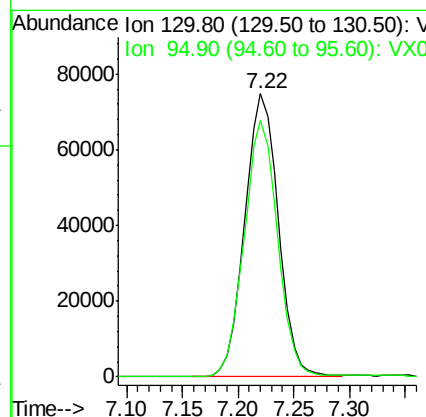
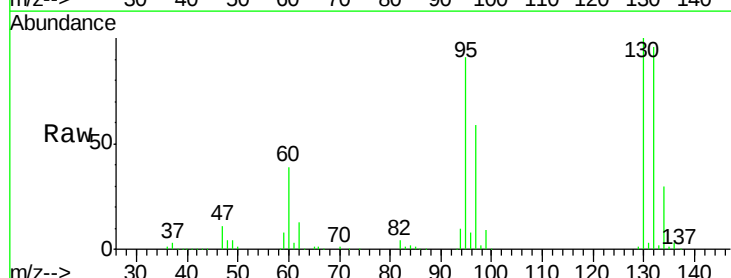
Tot Ion: 43 Resp: 306161
 Ion Ratio Lower Upper
 43 100
 61 19.3 15.6 23.4
 87 13.3 10.7 16.1

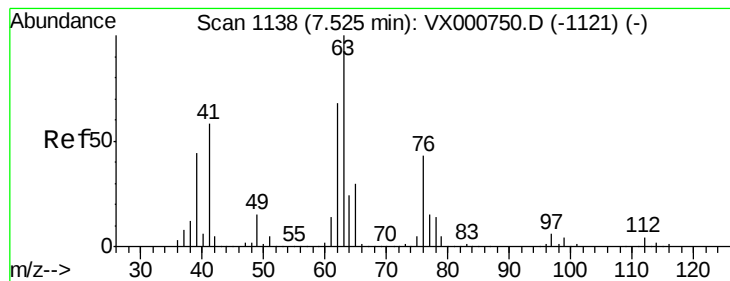


#44

Trichloroethene
 Concen: 51.031 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX000938.D
 Acq: 16 Apr 2018 23:29

Tgt Ion: 130 Resp: 157422
 Ion Ratio Lower Upper
 130 100
 95 90.6 0.0 187.0





#45

1,2-Dichloropropane

Concen: 53.378 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

Instrument :

MSVOA_X

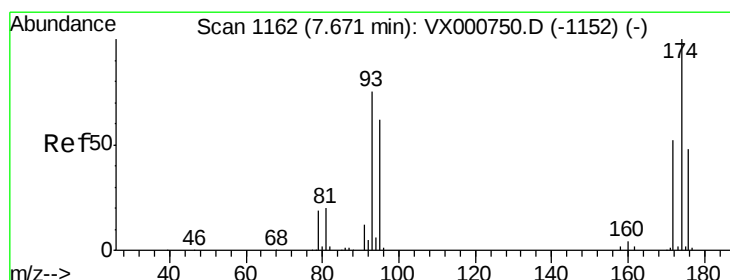
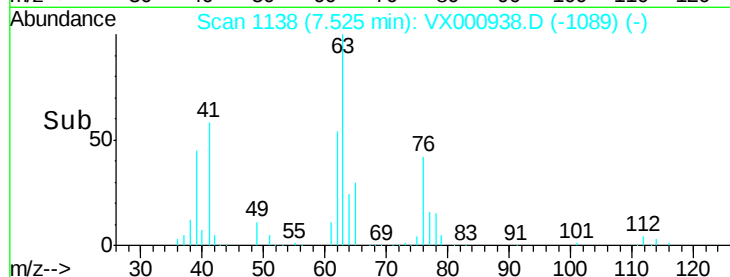
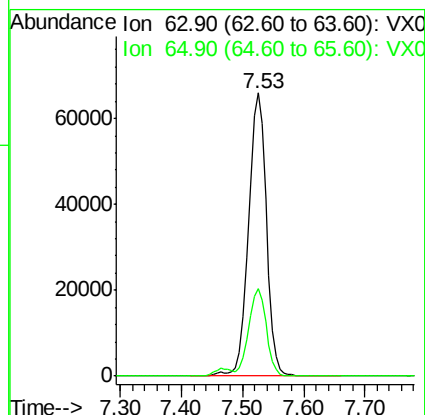
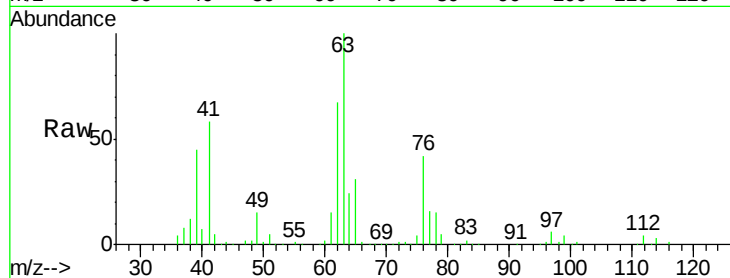
ClientSampleId :

Tot Ion: 63 Resp: 134824

Ion Ratio Lower Upper

63 100

65 30.7 23.7 35.5



#46

Dibromomethane

Concen: 51.831 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

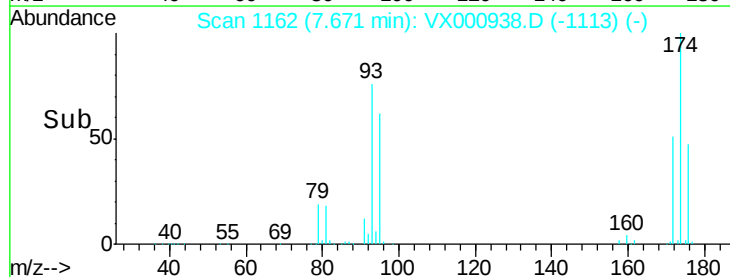
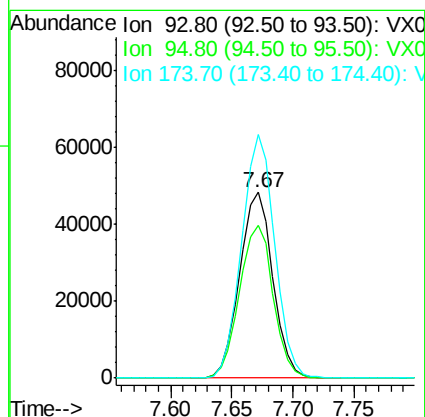
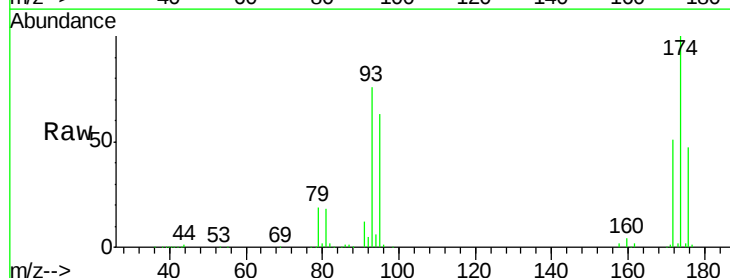
Tgt Ion: 93 Resp: 91274

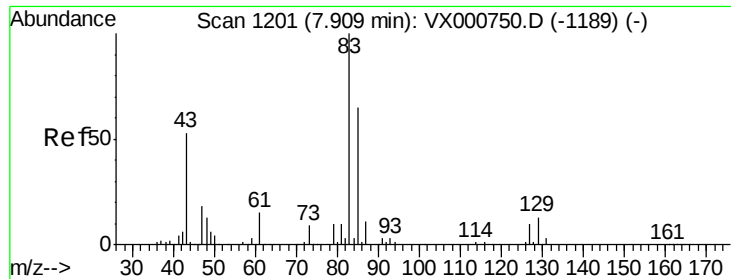
Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

174 130.7 104.5 156.7





#47

Bromodichloromethane

Concen: 49.872 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

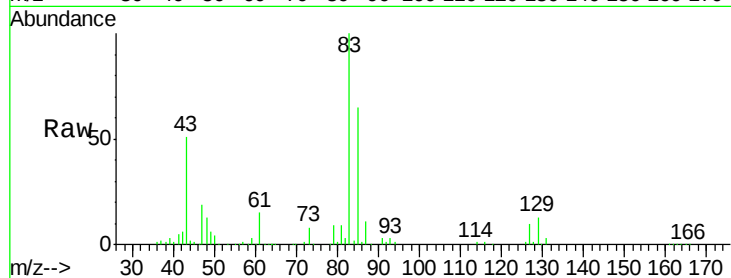
Tot Ion: 83 Resp: 177249

Ion Ratio Lower Upper

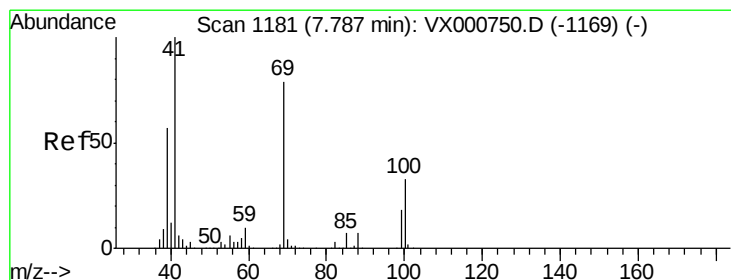
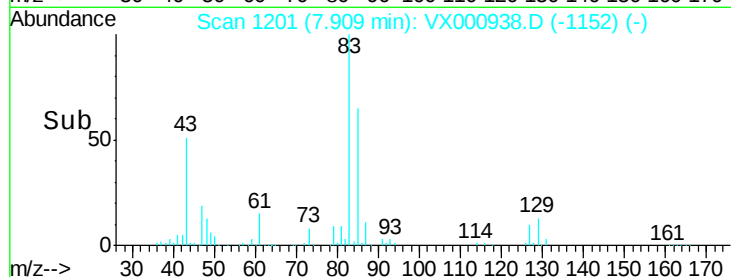
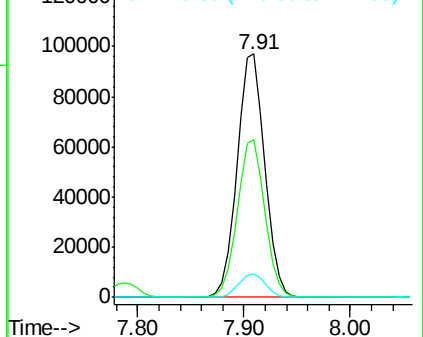
83 100

85 65.1 52.2 78.4

127 9.6 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: 52.430 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

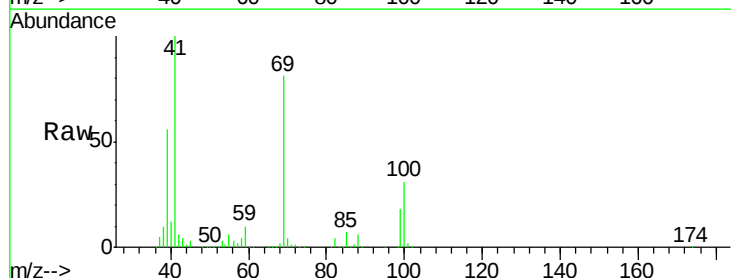
Tgt Ion: 41 Resp: 162376

Ion Ratio Lower Upper

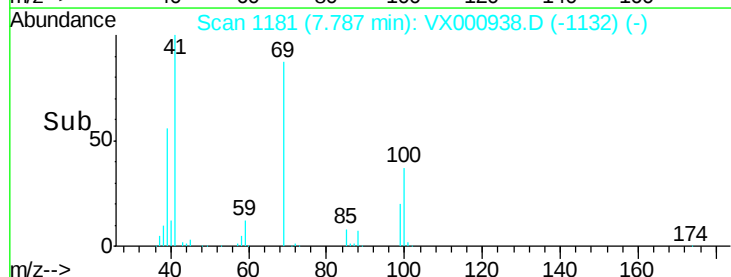
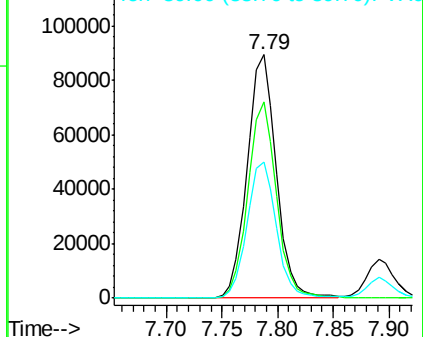
41 100

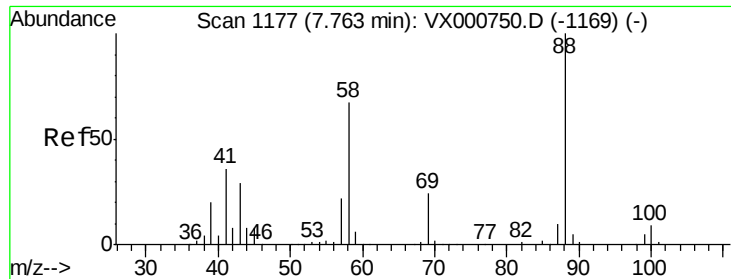
69 80.1 63.9 95.9

39 56.5 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

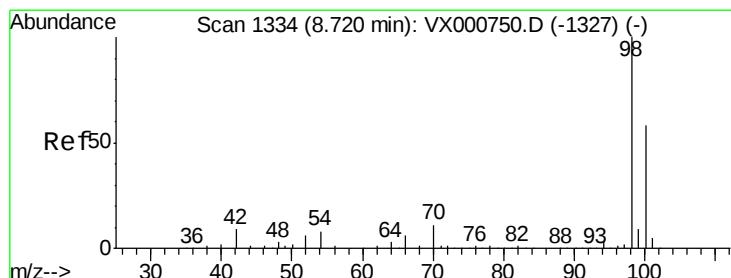
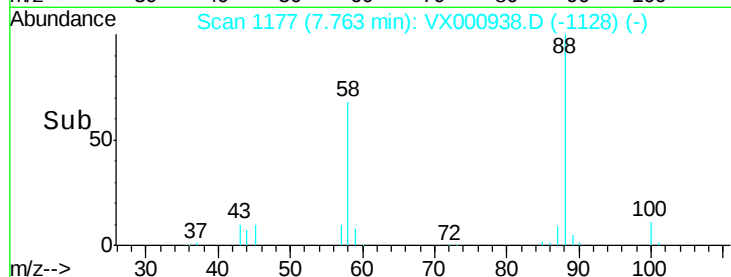
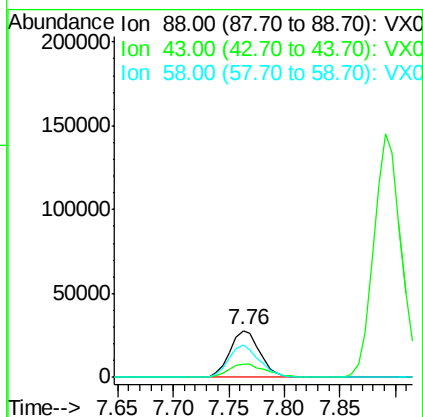
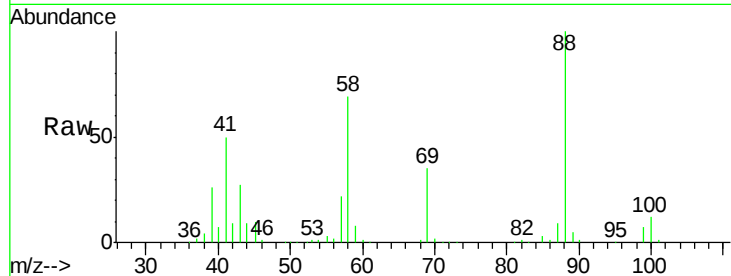




#49
1,4-Dioxane
Concen: 840.966 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

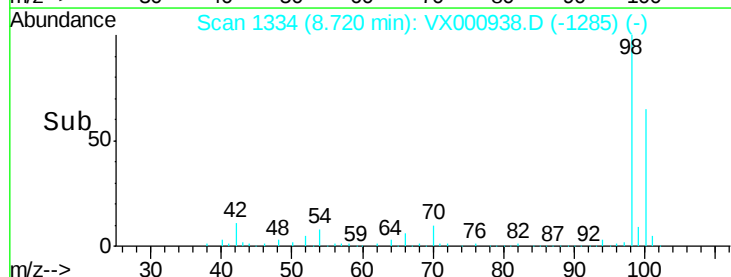
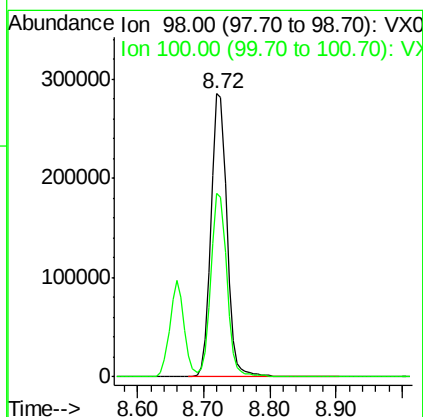
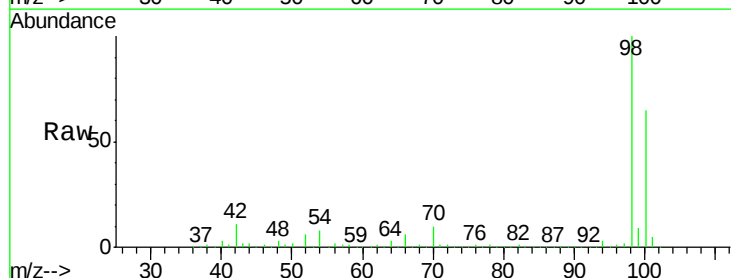
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 52340
Ion Ratio Lower Upper
88 100
43 34.1 25.8 38.8
58 70.3 54.4 81.6



#50
Toluene-d8
Concen: 50.869 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

Tgt Ion: 98 Resp: 472996
Ion Ratio Lower Upper
98 100
100 65.3 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 270.304 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

Instrument :

MSVOA_X

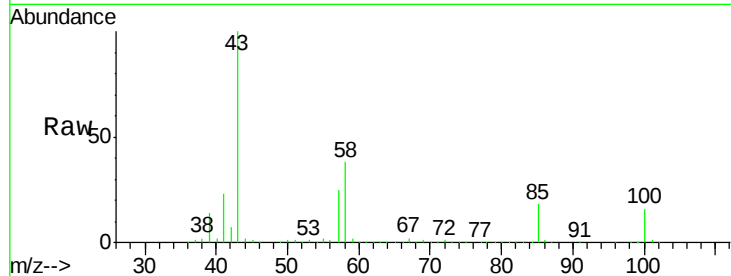
ClientSampleId :

Tot Ion: 43 Resp: 948671

Ion Ratio Lower Upper

43 100

58 38.7 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

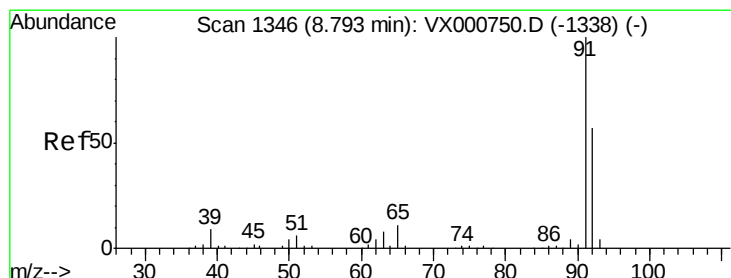
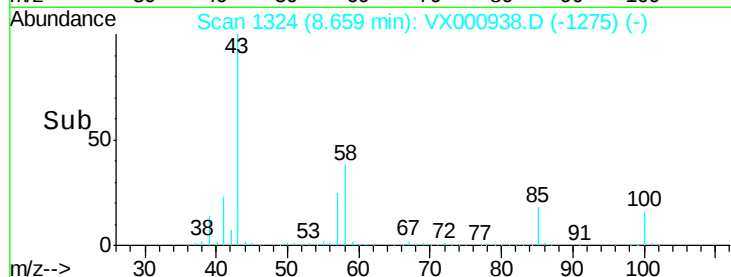
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.646 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000938.D

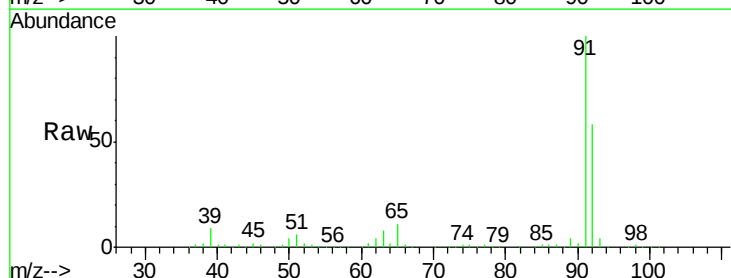
Acq: 16 Apr 2018 23:29

Tgt Ion: 92 Resp: 339861

Ion Ratio Lower Upper

92 100

91 174.3 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

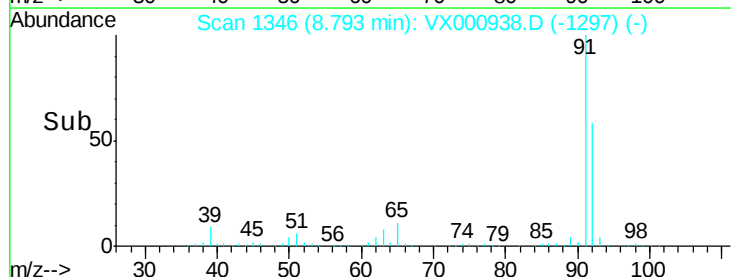
300000

200000

100000

0

Time-->

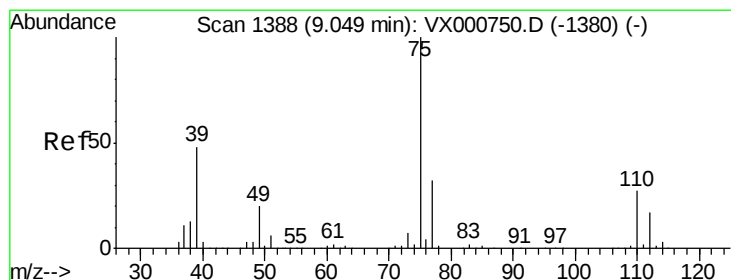
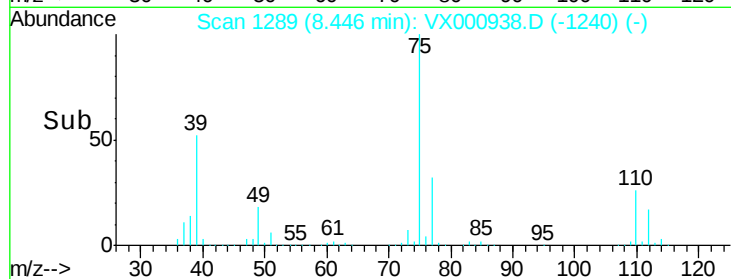
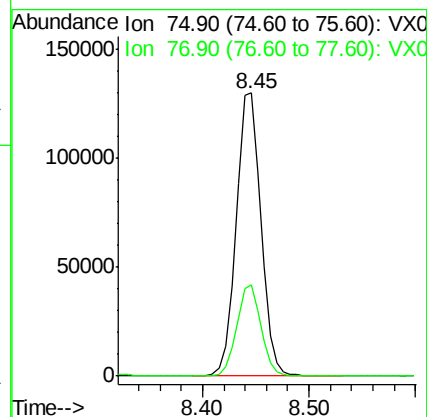
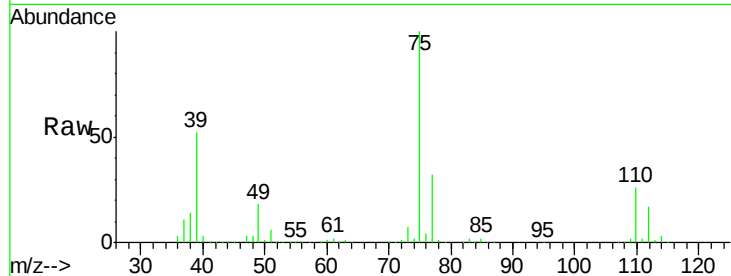




#53
t-1,3-Dichloropropene
Concen: 49.601 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

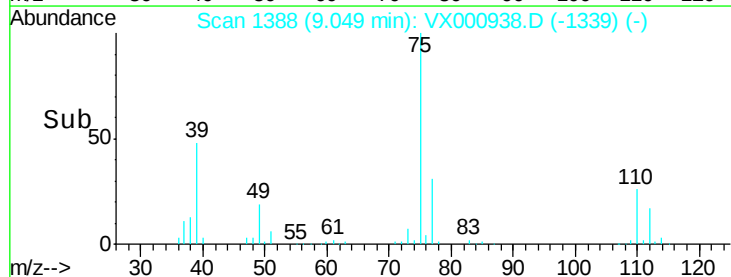
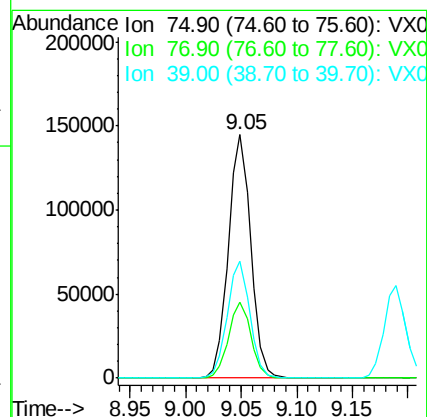
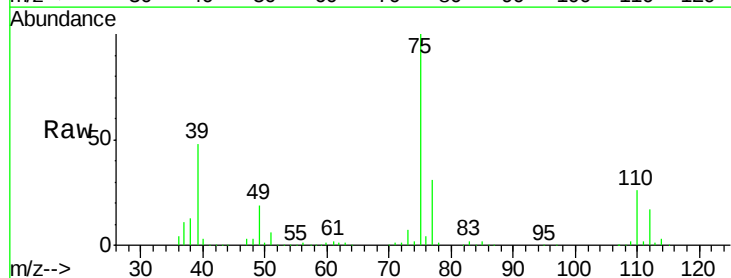
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 211452
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 48.603 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

Tgt Ion: 75 Resp: 201761
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2
39 47.8 38.6 58.0

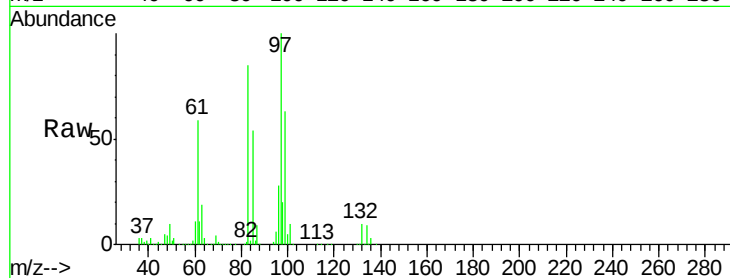




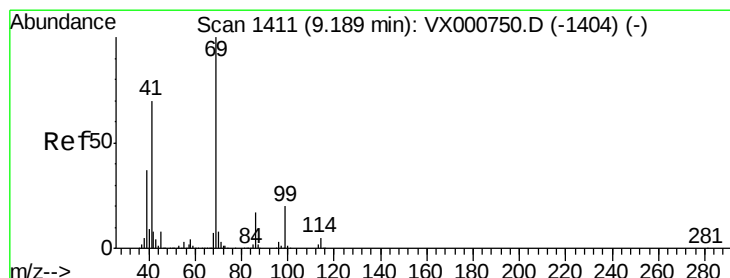
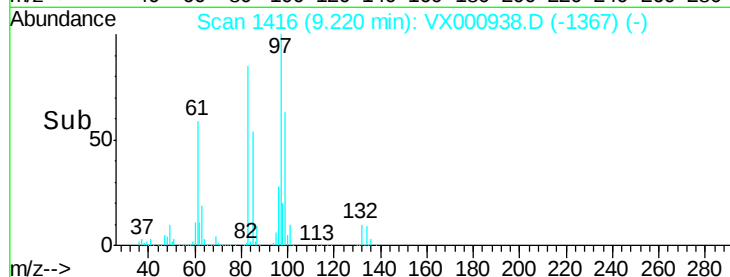
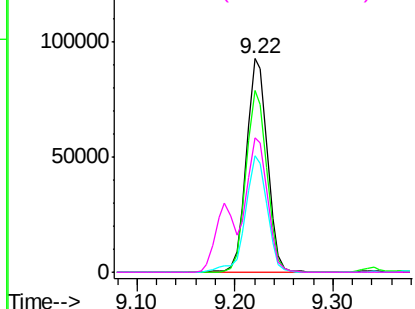
#55
 1,1,2-Trichloroethane
 Concen: 52.863 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX000938.D
 Acq: 16 Apr 2018 23:29

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	138099
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.6	101.4
85	54.3	43.8	65.6
99	62.9	50.2	75.4

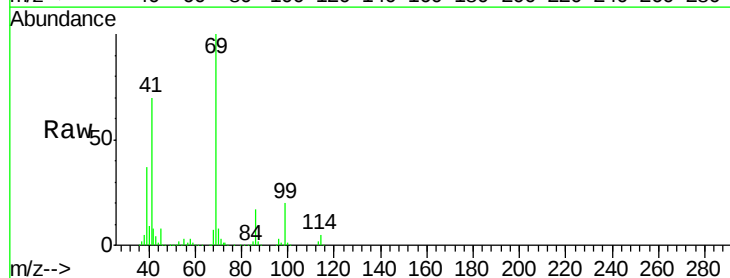


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

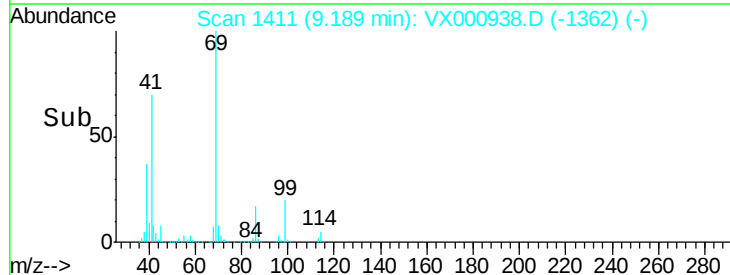
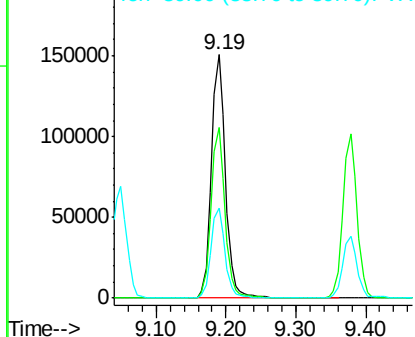


#56
 Ethyl methacrylate
 Concen: 52.252 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000938.D
 Acq: 16 Apr 2018 23:29

Tgt Ion:	69	Resp:	210573
Ion	Ratio	Lower	Upper
69	100		
41	69.4	55.6	83.4
39	37.2	30.3	45.5



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





#57

1,3-Dichloropropane

Concen: 54.238 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

Instrument :

MSVOA_X

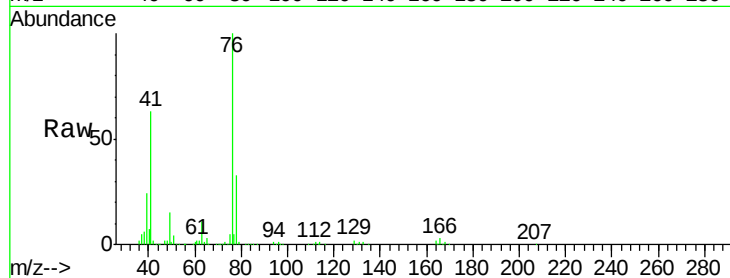
ClientSampleId :

Tot Ion: 76 Resp: 225267

Ion Ratio Lower Upper

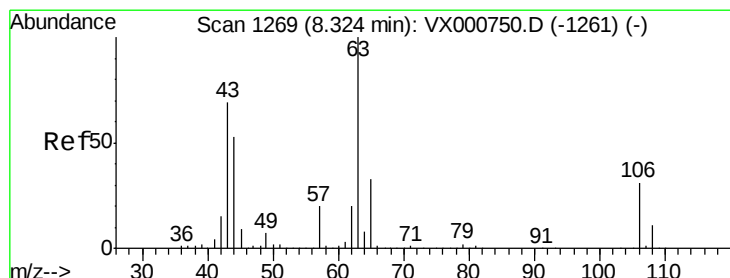
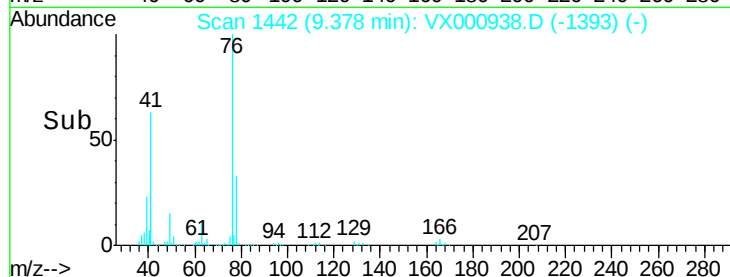
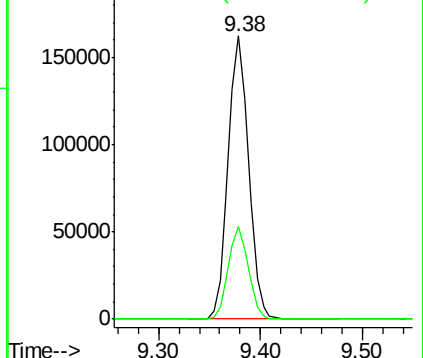
76 100

78 32.0 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 269.172 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX000938.D

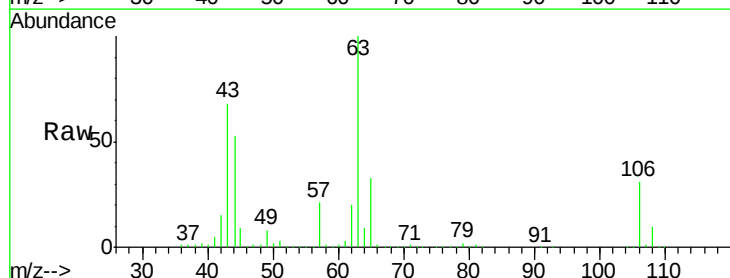
Acq: 16 Apr 2018 23:29

Tgt Ion: 63 Resp: 506814

Ion Ratio Lower Upper

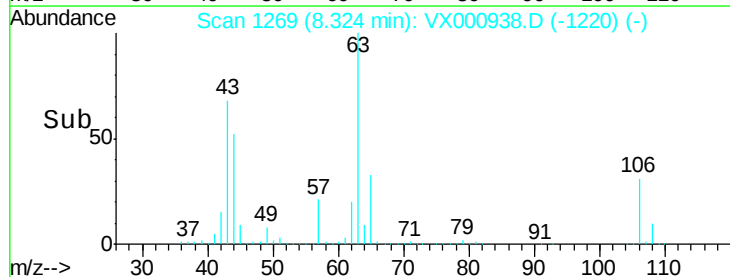
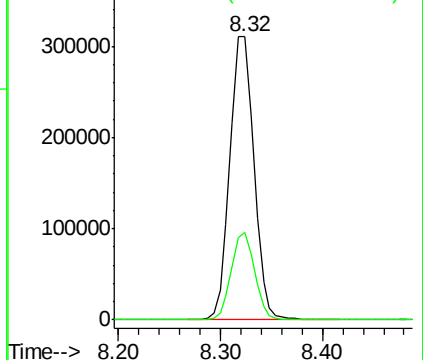
63 100

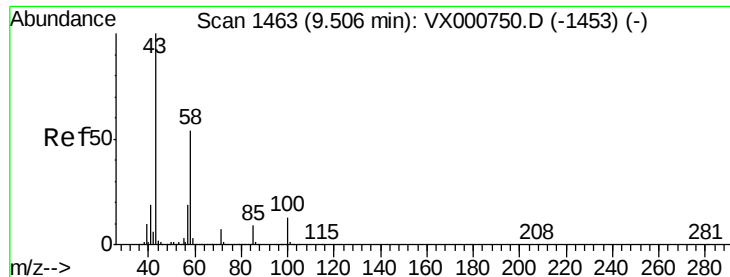
106 30.0 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

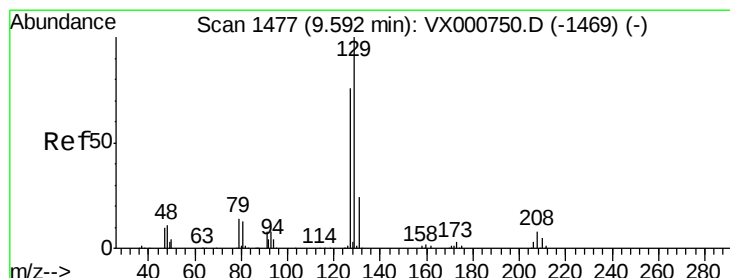
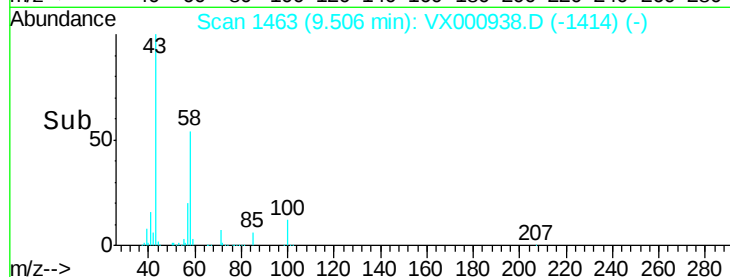
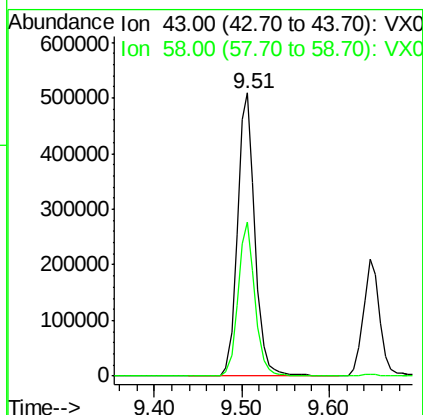
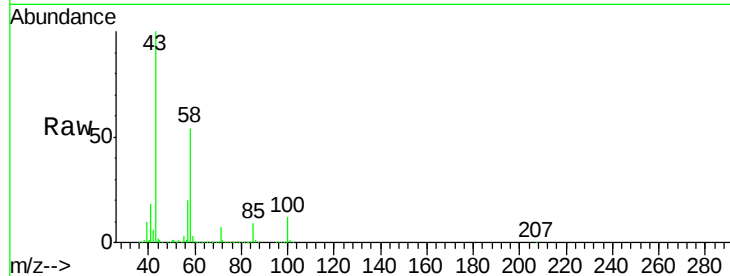




#59
2-Hexanone
Concen: 262.078 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

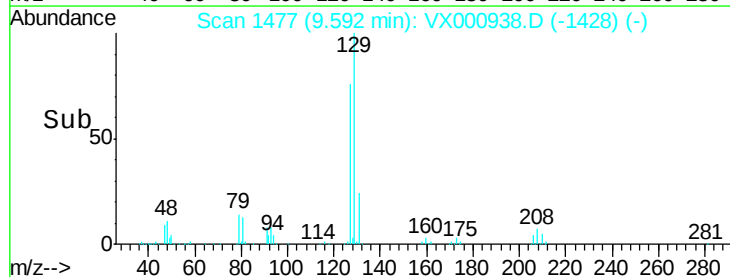
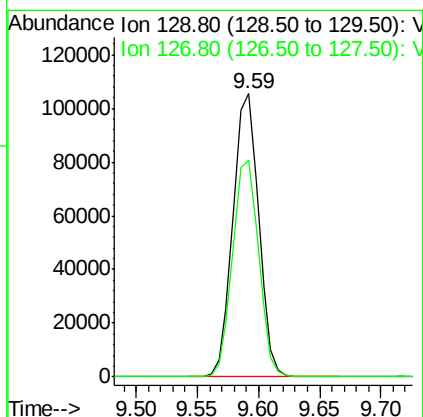
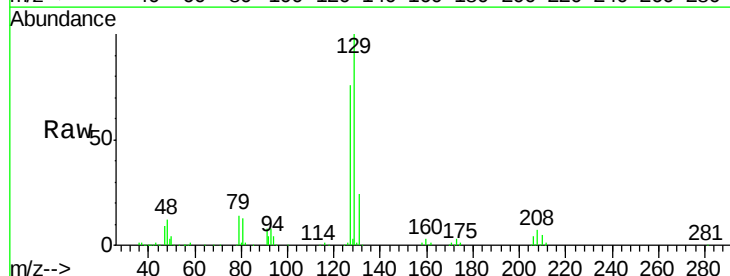
Instrument :
MSVOA_X
ClientSampled :

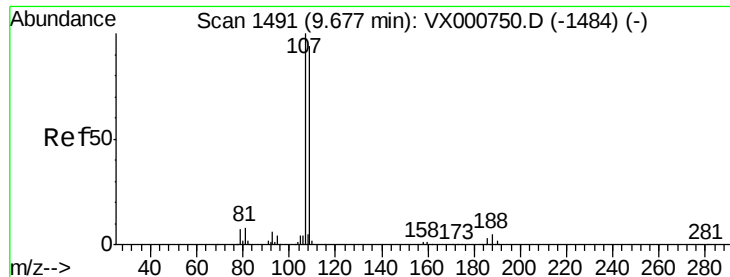
Tot Ion: 43 Resp: 710094
Ion Ratio Lower Upper
43 100
58 53.2 26.5 79.5



#60
Dibromochloromethane
Concen: 49.032 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

Tgt Ion: 129 Resp: 153265
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.1





#61

1,2-Dibromoethane

Concen: 52.942 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

Instrument :

MSVOA_X

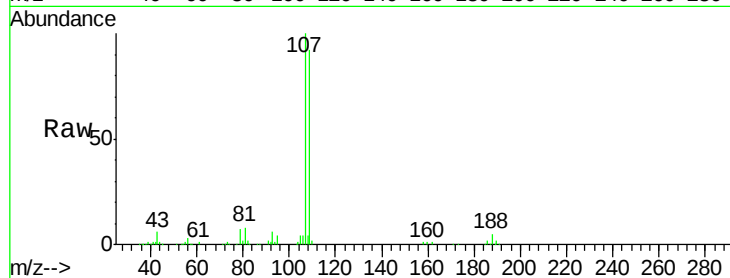
ClientSampleId :

Tot Ion:107 Resp: 146724

Ion Ratio Lower Upper

107 100

109 94.6 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

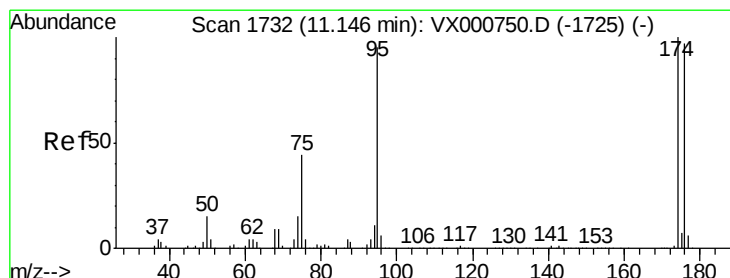
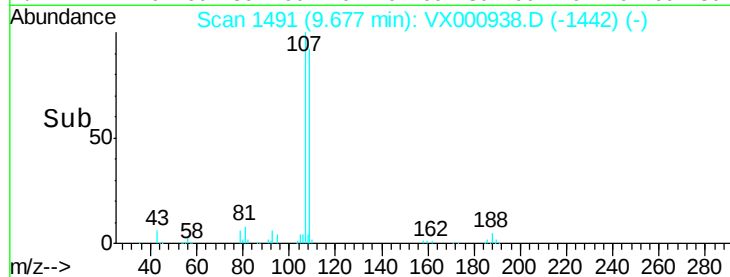
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.777 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

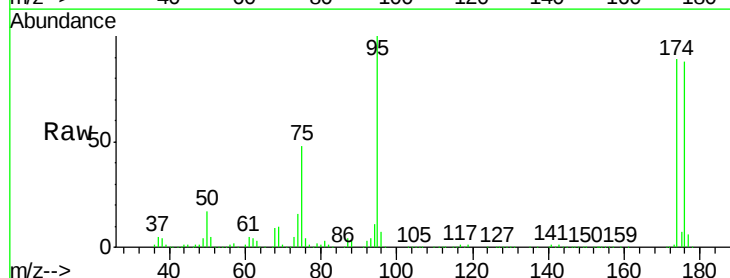
Tgt Ion: 95 Resp: 195340

Ion Ratio Lower Upper

95 100

174 98.2 0.0 198.4

176 96.3 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

200000

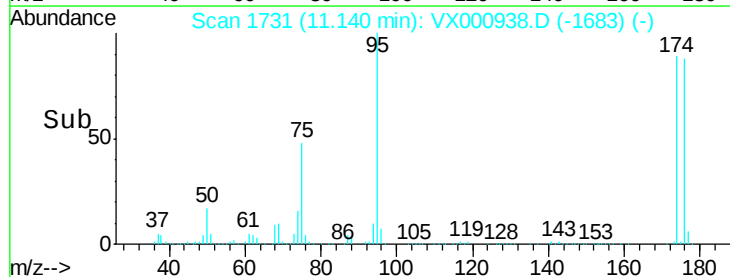
150000

100000

50000

0

Time-->

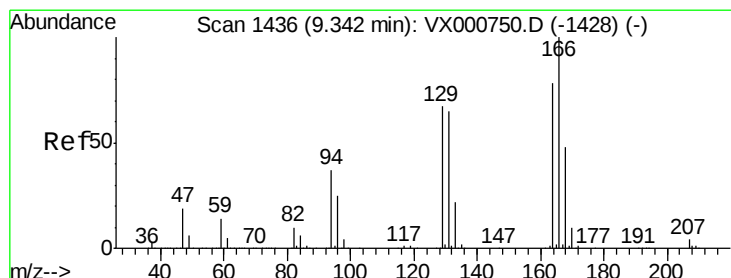
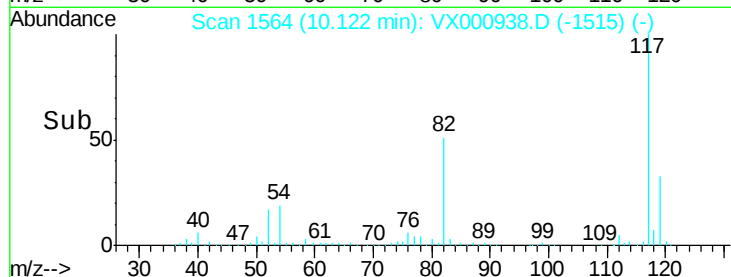
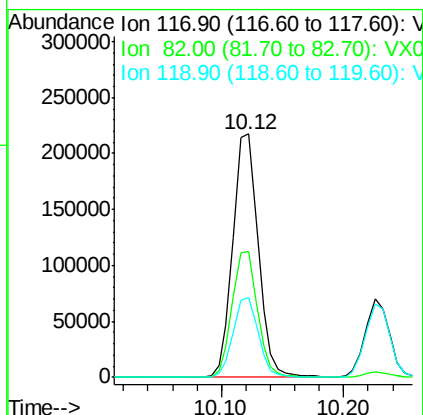
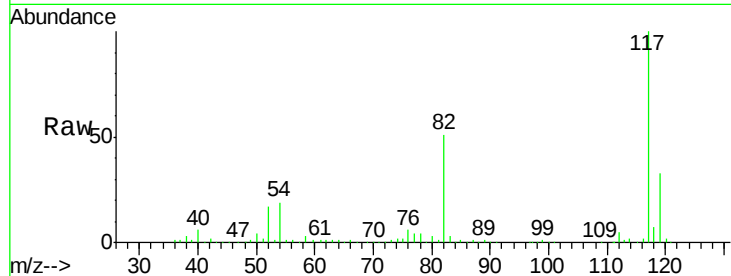




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

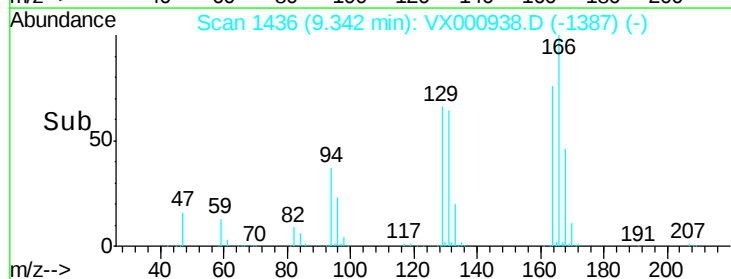
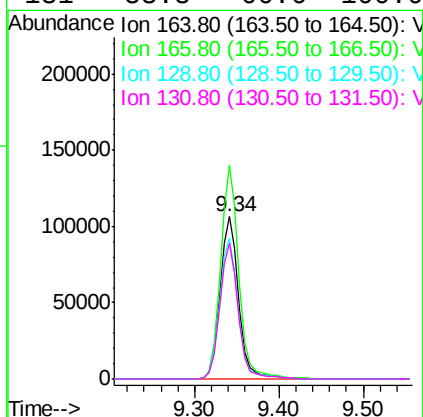
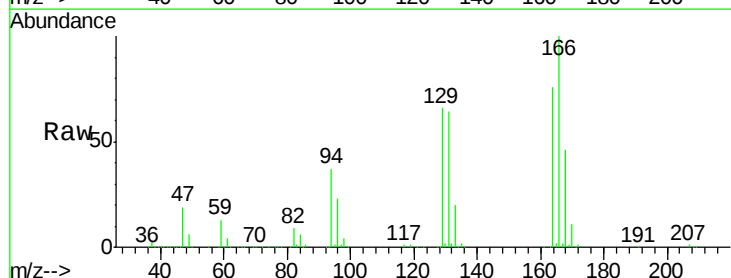
Instrument :
MSVOA_X
ClientSampled :

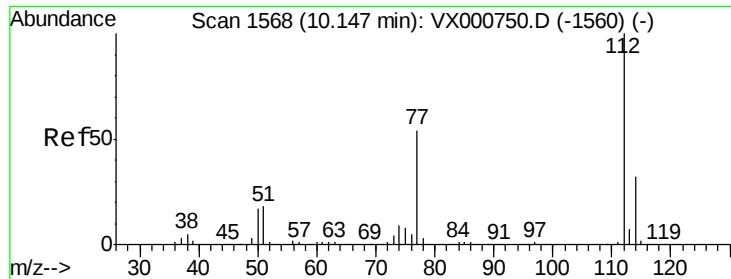
Tot Ion:117 Resp: 312613
Ion Ratio Lower Upper
117 100
82 51.5 41.9 62.9
119 32.6 26.0 39.0



#64
Tetrachloroethene
Concen: 52.894 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

Tgt Ion:164 Resp: 161678
Ion Ratio Lower Upper
164 100
166 131.5 102.8 154.2
129 87.0 68.5 102.7
131 83.8 66.6 100.0

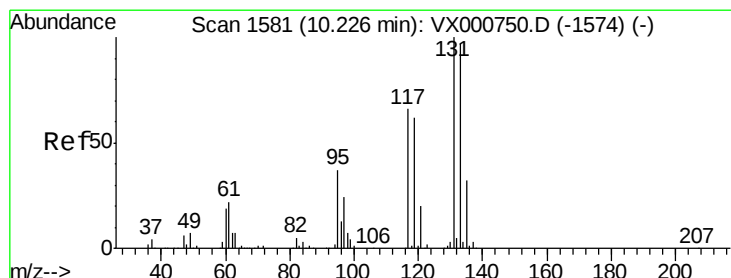
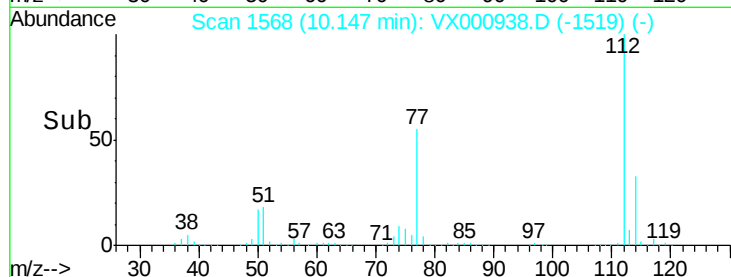
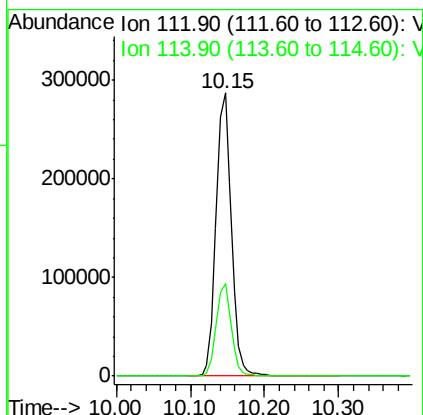
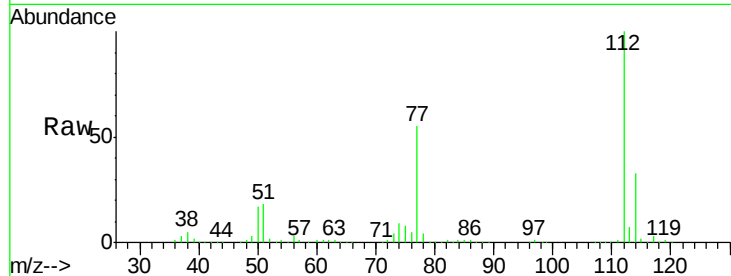




#65
Chlorobenzene
Concen: 51.580 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

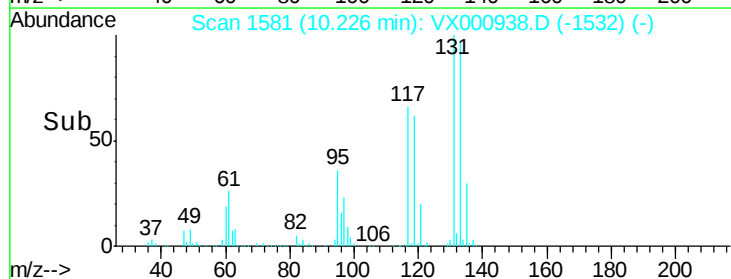
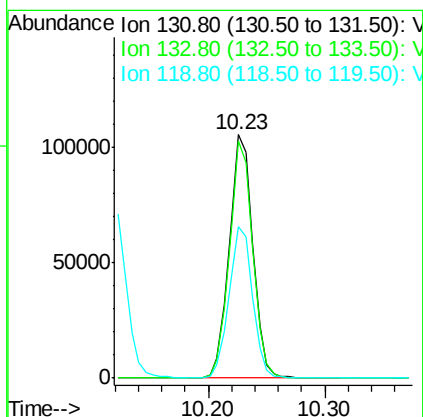
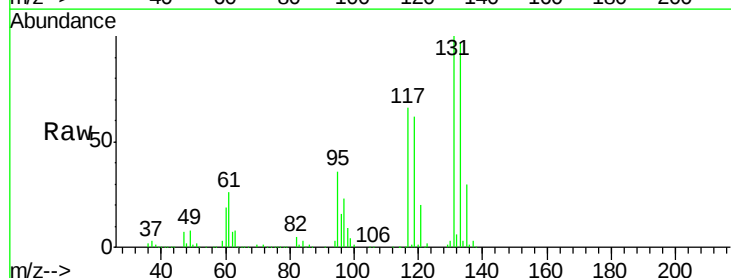
Instrument :
MSVOA_X
ClientSampleId :

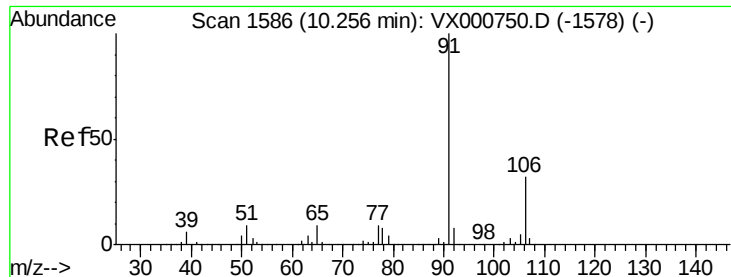
Tot Ion:112 Resp: 405620
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.189 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

Tgt Ion:131 Resp: 148553
Ion Ratio Lower Upper
131 100
133 96.4 48.3 144.9
119 62.2 31.4 94.0





#67

Ethyl Benzene

Concen: 51.045 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

Instrument :

MSVOA_X

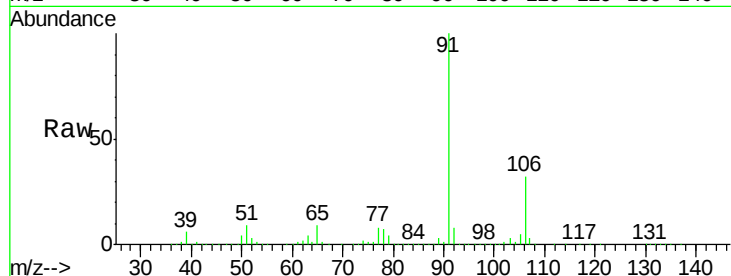
ClientSampled :

Tot Ion: 91 Resp: 669263

Ion Ratio Lower Upper

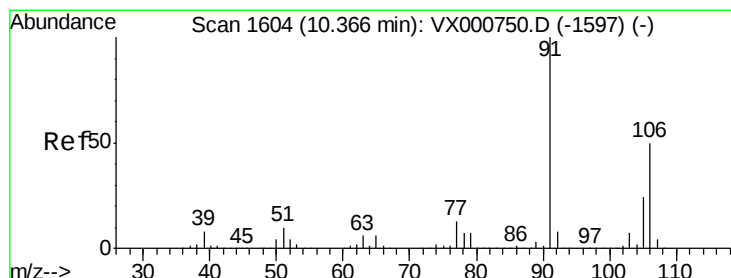
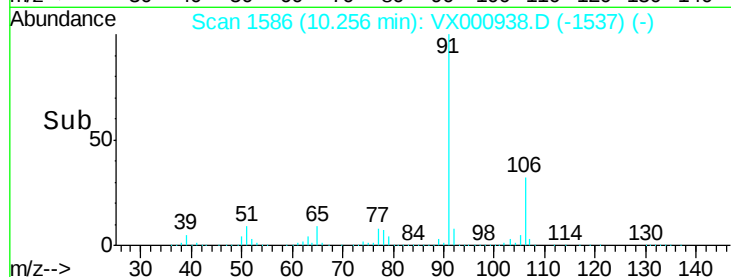
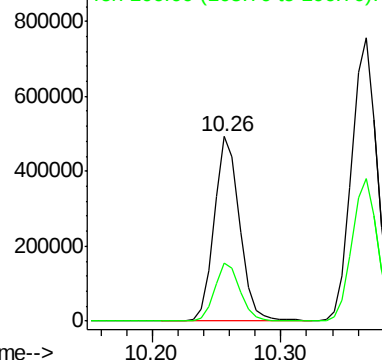
91 100

106 31.7 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 102.574 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000938.D

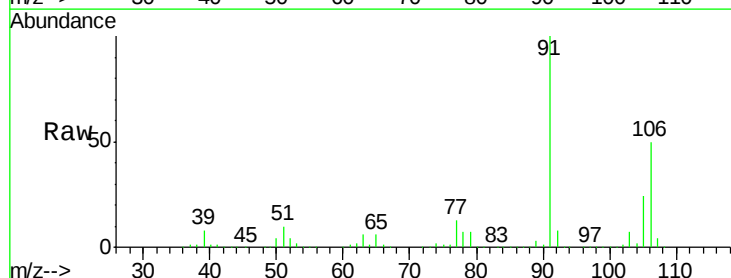
Acq: 16 Apr 2018 23:29

Tgt Ion: 106 Resp: 530824

Ion Ratio Lower Upper

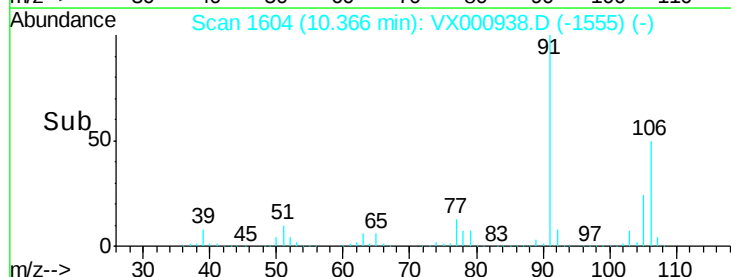
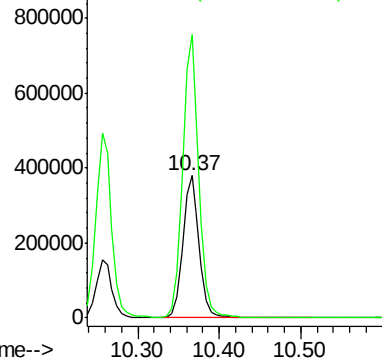
106 100

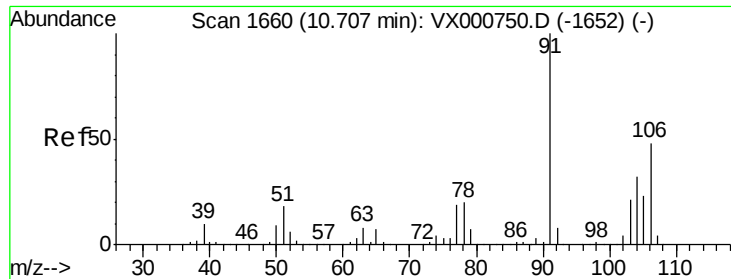
91 198.5 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

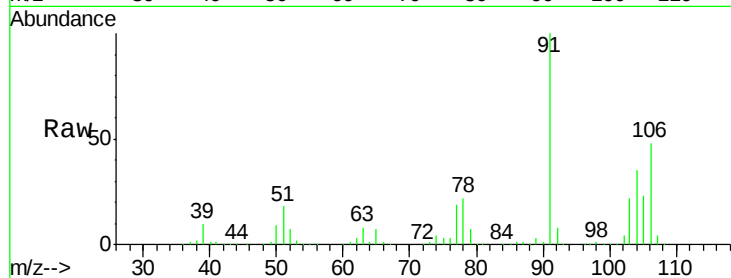




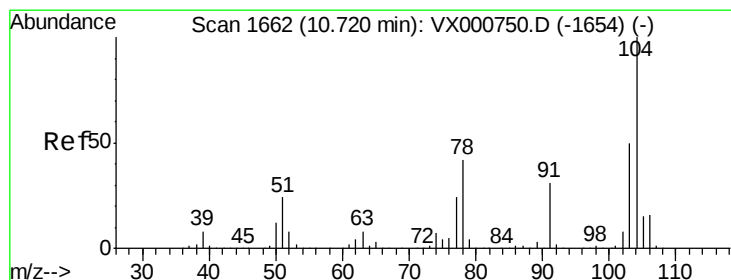
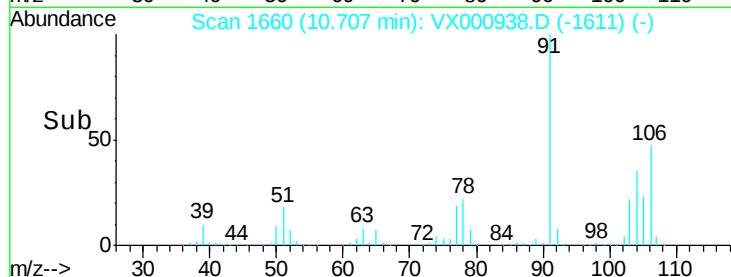
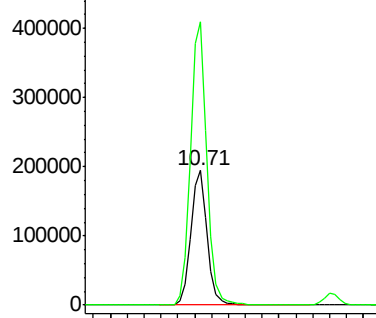
#69
o-Xylene
Concen: 51.785 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 258289
Ion Ratio Lower Upper
106 100
91 211.4 105.0 315.0

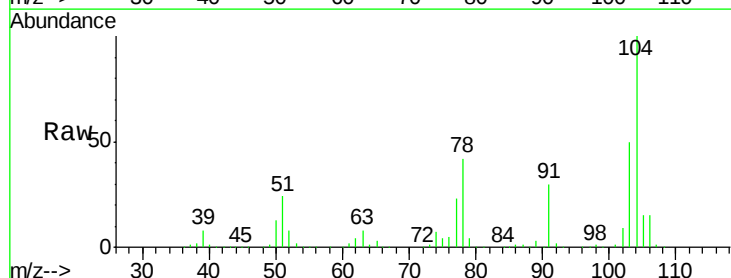


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

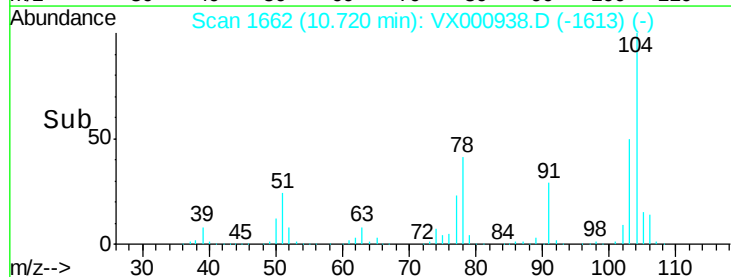
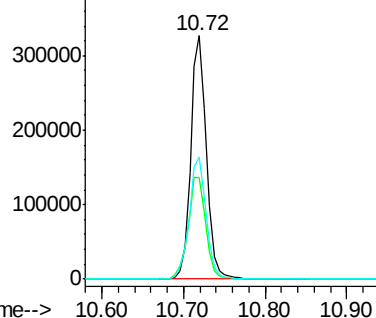


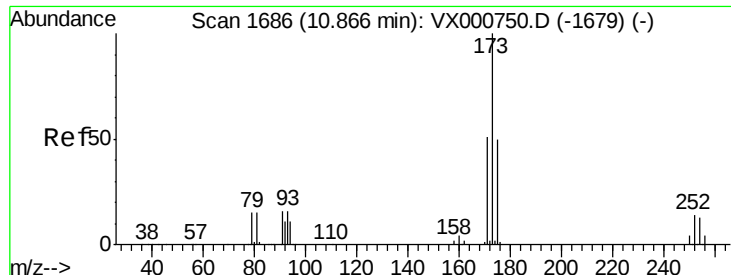
#70
Styrene
Concen: 52.087 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

Tgt Ion:104 Resp: 437992
Ion Ratio Lower Upper
104 100
78 48.3 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

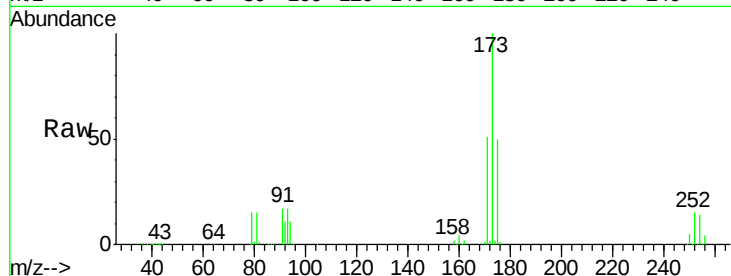




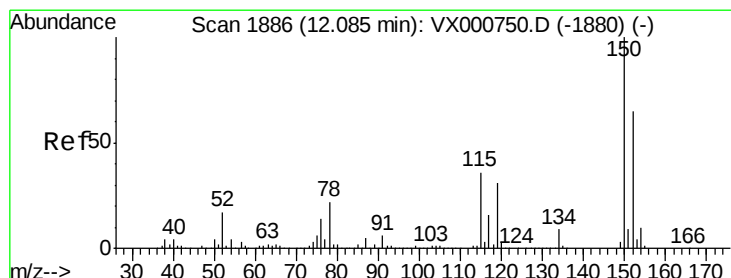
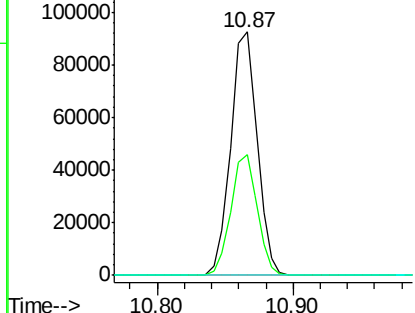
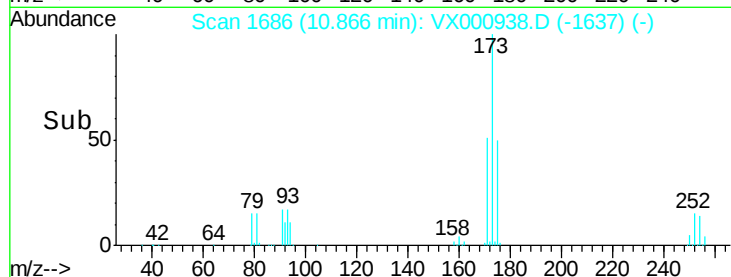
#71
Bromoform
Concen: 45.933 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 125884
Ion Ratio Lower Upper
173 100
175 49.2 24.5 73.5
254 0.2 0.2 0.2

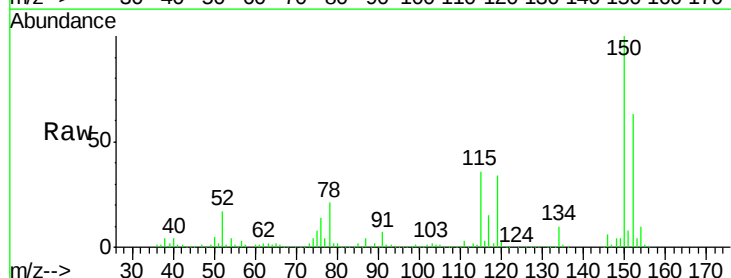


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

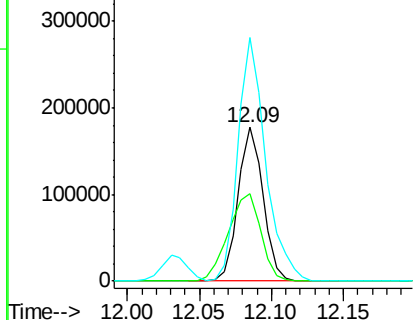
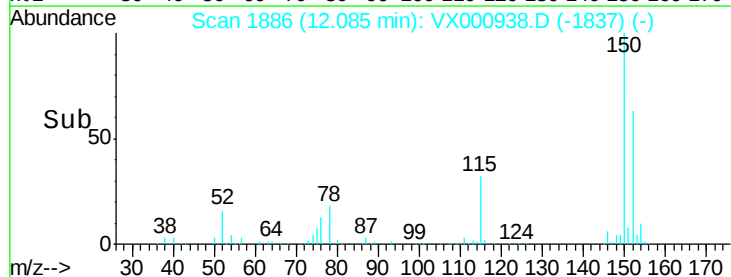


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

Tgt Ion:152 Resp: 214969
Ion Ratio Lower Upper
152 100
115 74.5 37.9 113.7
150 174.5 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: 51.070 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

Instrument :

MSVOA_X

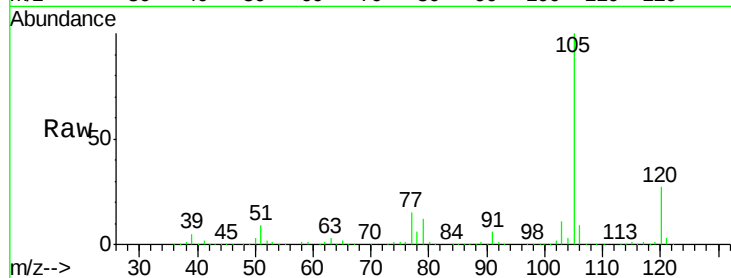
ClientSampled :

Tot Ion:105 Resp: 696477

Ion Ratio Lower Upper

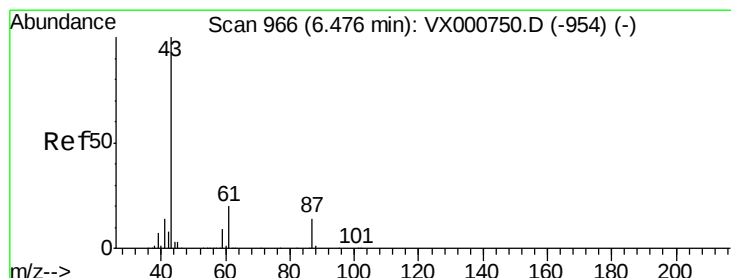
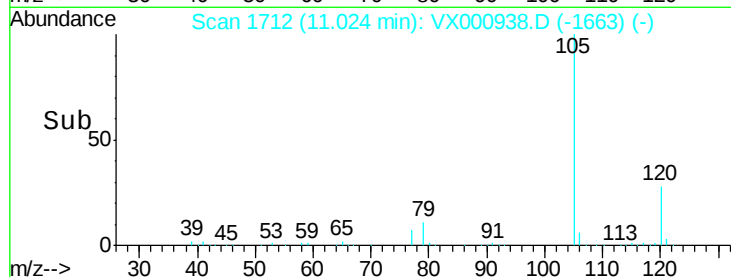
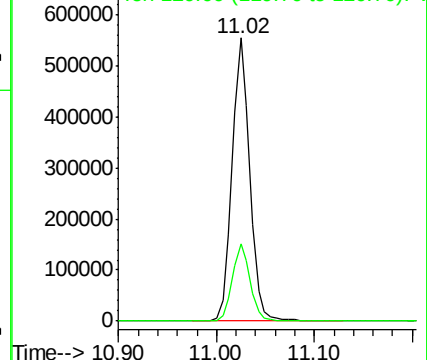
105 100

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-ethyl acetate

Concen: 49.852 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

Tgt Ion: 43 Resp: 306161

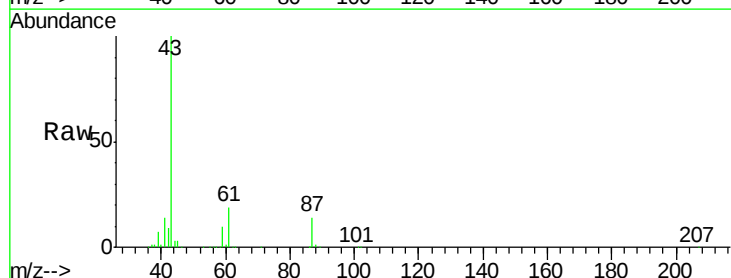
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.3 15.6 23.4

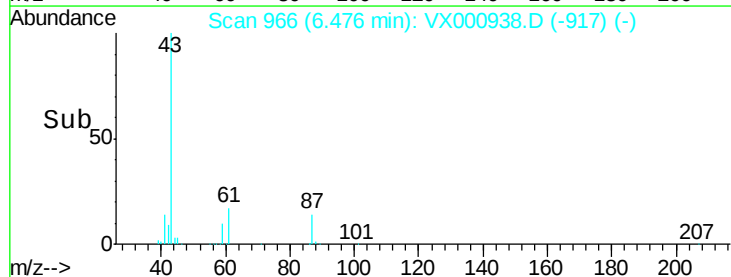
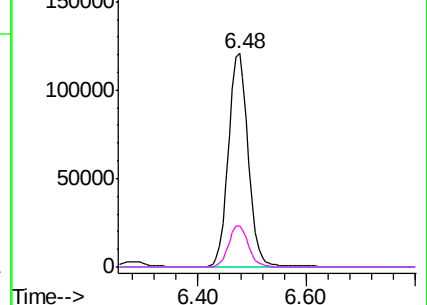


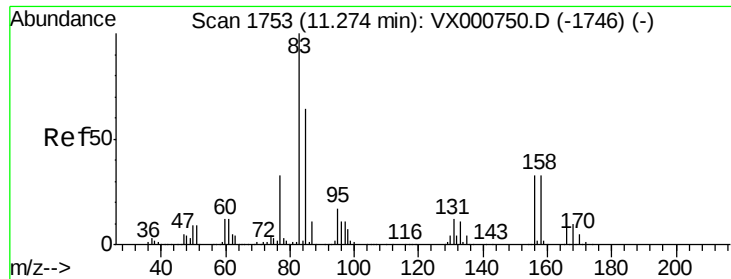
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.902 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

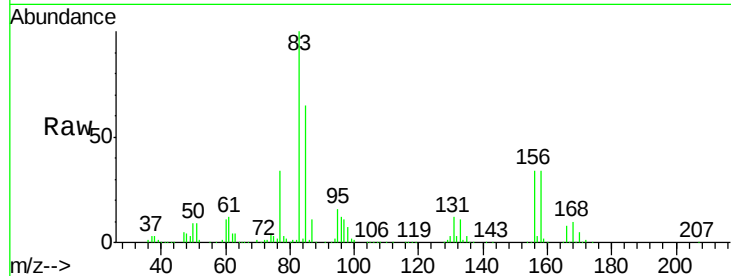
Tot Ion: 83 Resp: 205419

Ion Ratio Lower Upper

83 100

131 11.6 6.0 18.0

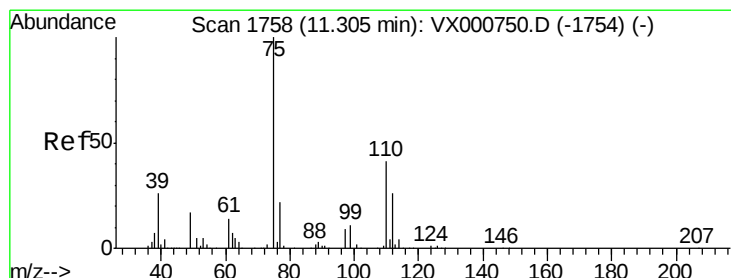
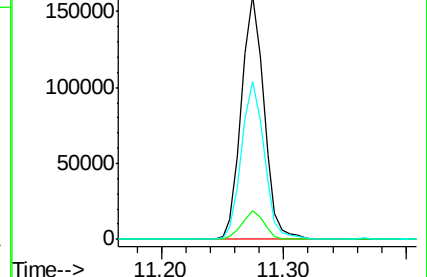
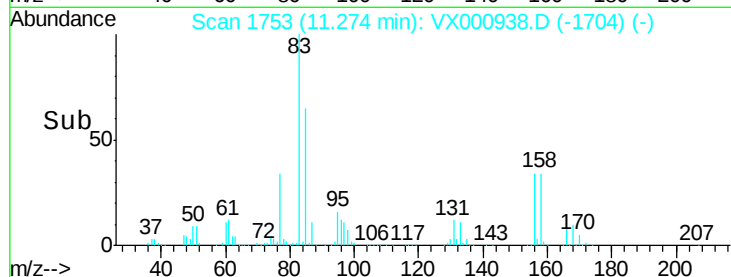
85 65.2 32.3 96.8



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: 63.383 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000938.D

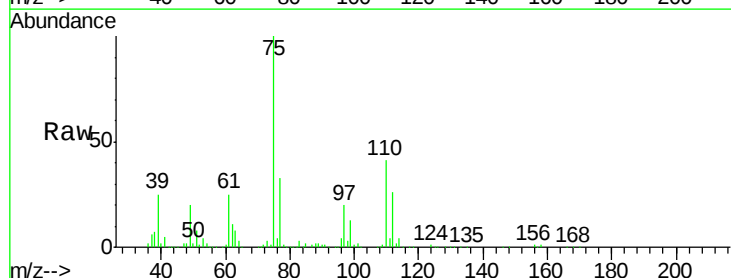
Acq: 16 Apr 2018 23:29

Tgt Ion: 75 Resp: 234986

Ion Ratio Lower Upper

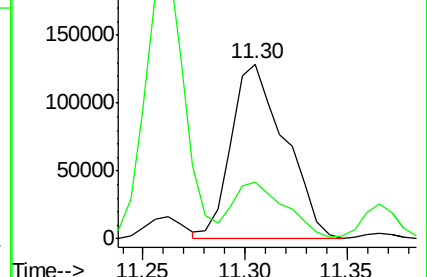
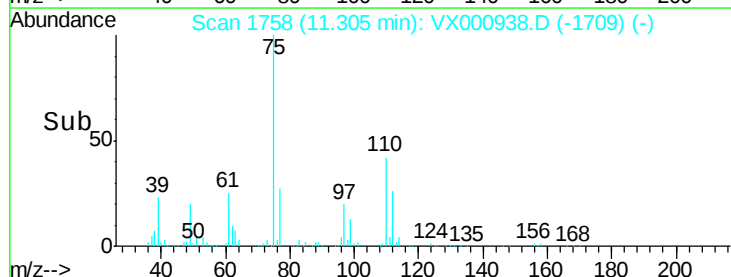
75 100

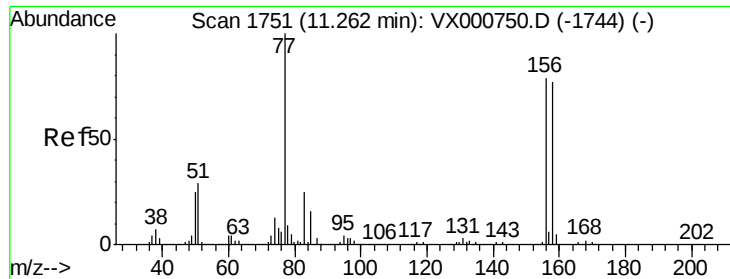
77 31.5 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.906 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

Instrument :

MSVOA_X

ClientSampled :

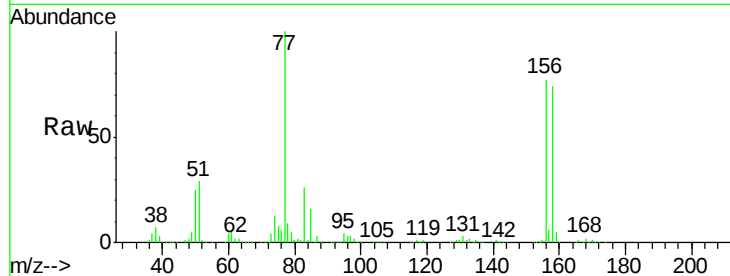
Tot Ion:156 Resp: 203453

Ion Ratio Lower Upper

156 100

77 132.4 66.0 198.2

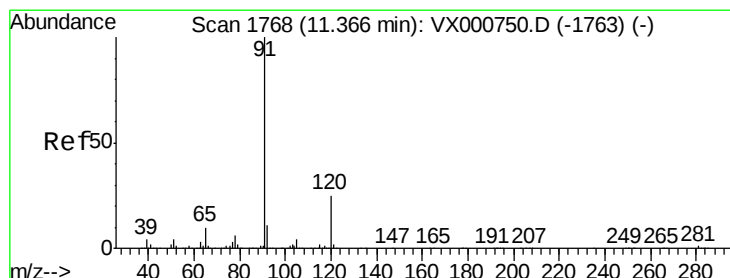
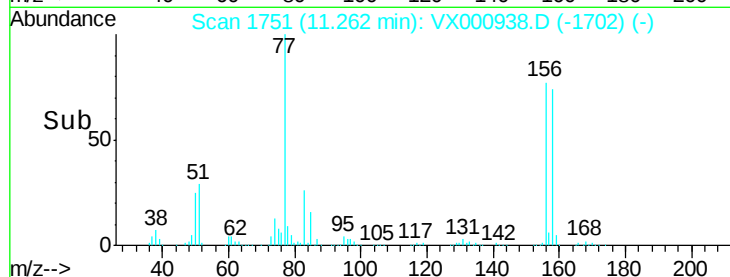
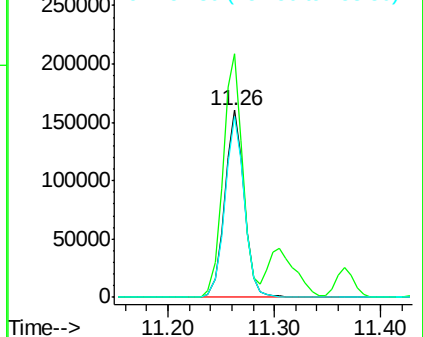
158 97.2 48.8 146.4



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: 50.479 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000938.D

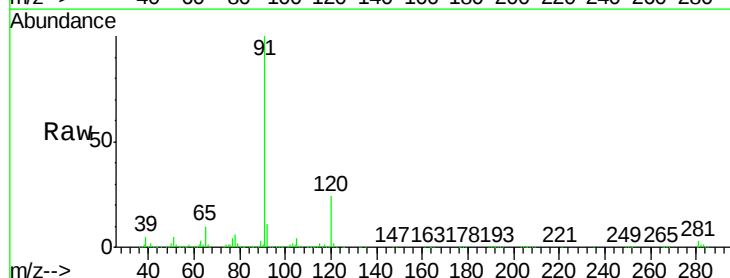
Acq: 16 Apr 2018 23:29

Tgt Ion: 91 Resp: 787428

Ion Ratio Lower Upper

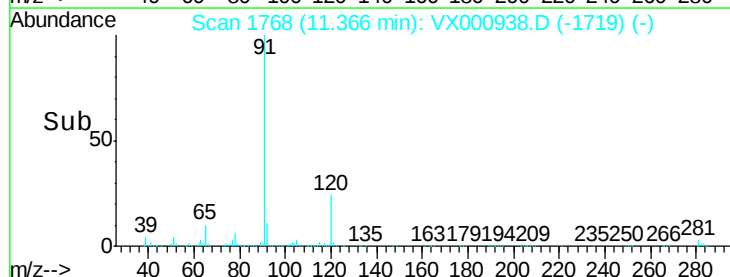
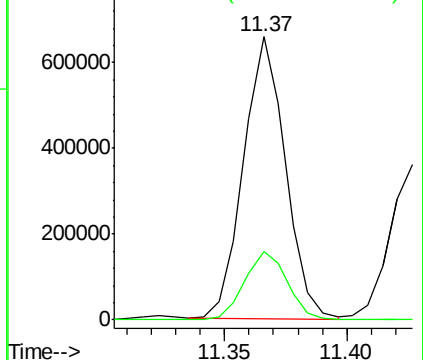
91 100

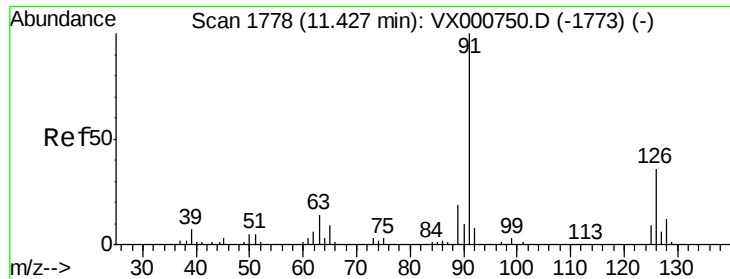
120 24.9 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

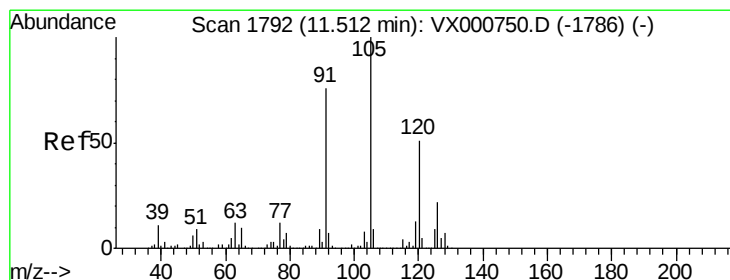
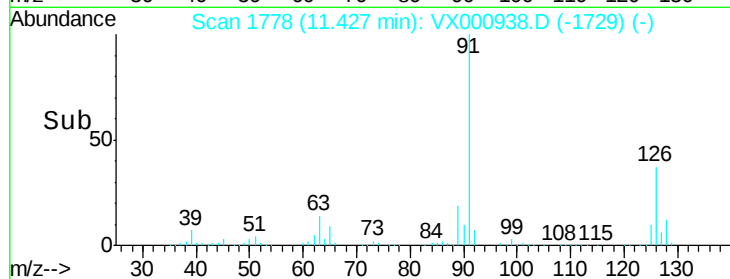
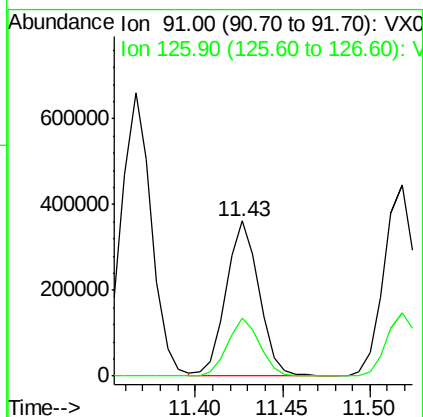
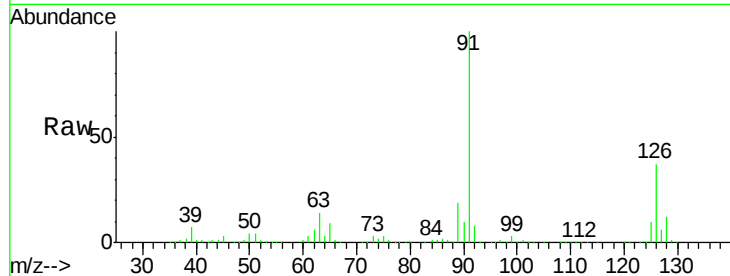




#79
 2-Chlorotoluene
 Concen: 50.811 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX000938.D
 Acq: 16 Apr 2018 23:29

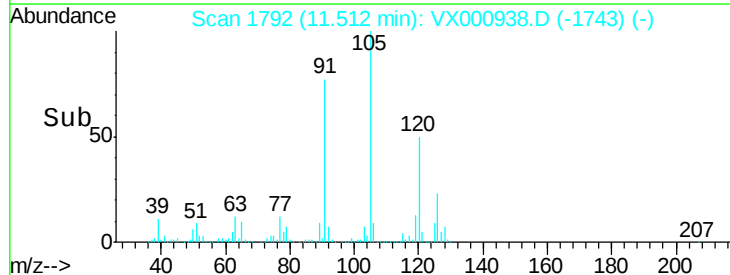
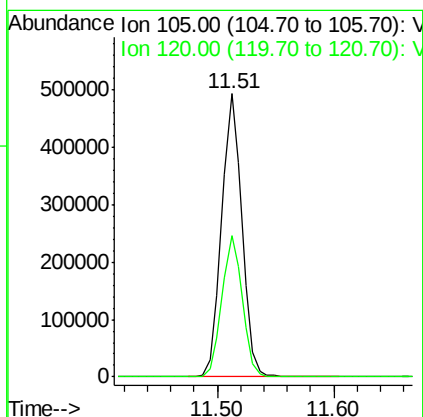
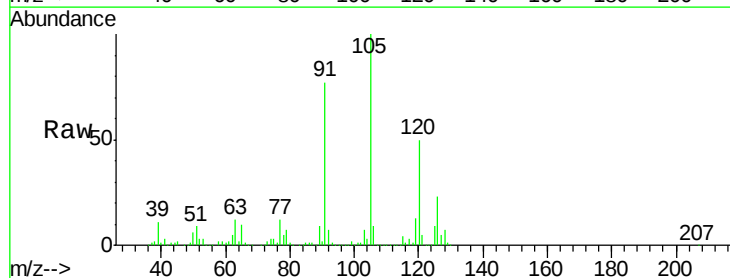
Instrument :
 MSVOA_X
 ClientSampleId :

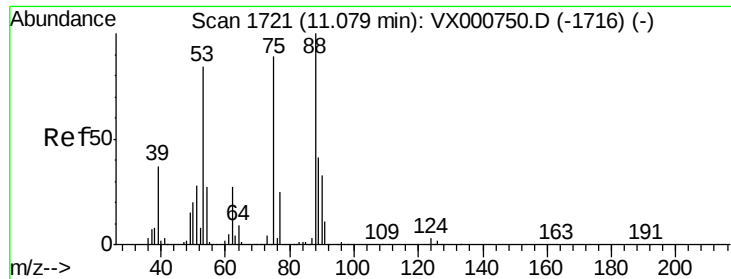
Tot Ion: 91 Resp: 468441
 Ion Ratio Lower Upper
 91 100
 126 37.0 18.3 54.9



#80
 1,3,5-Trimethylbenzene
 Concen: 50.454 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX000938.D
 Acq: 16 Apr 2018 23:29

Tgt Ion: 105 Resp: 591747
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.0 75.0

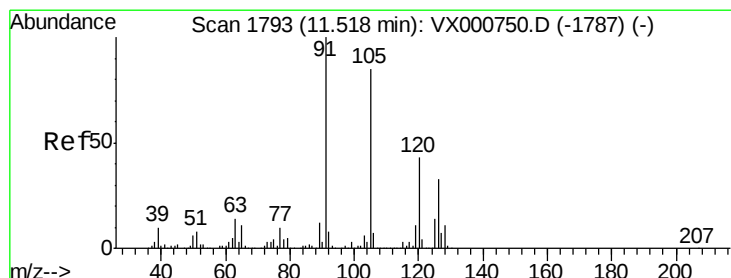
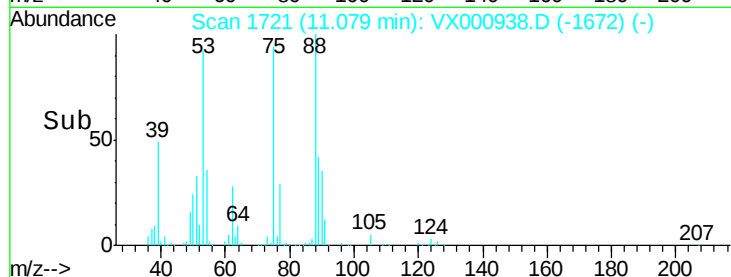
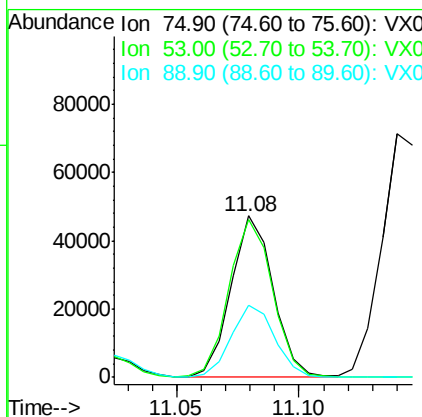
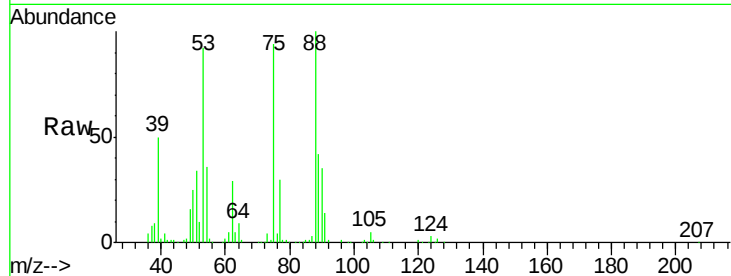




#81
trans-1,4-Dichloro-2-butene
Concen: 41.632 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

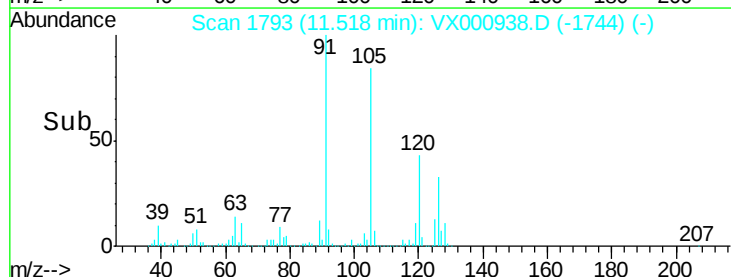
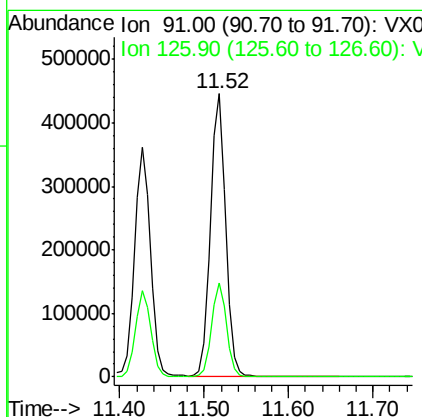
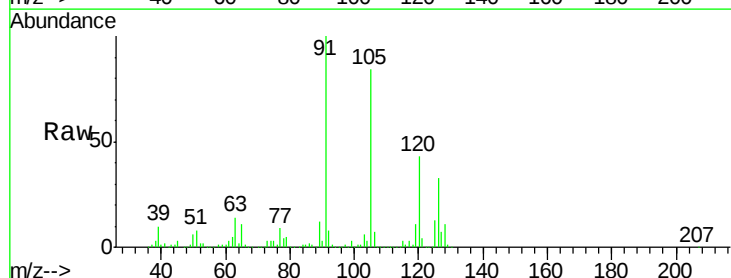
Instrument :
MSVOA_X
ClientSampled :

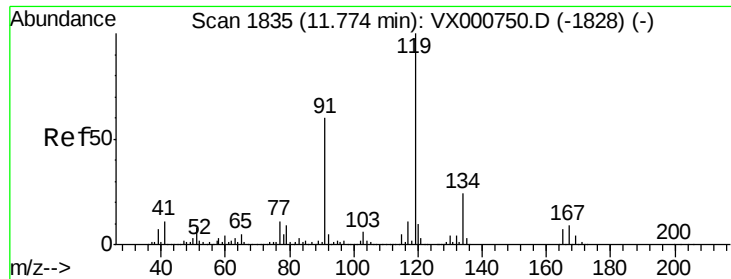
Tot Ion: 75 Resp: 56110
Ion Ratio Lower Upper
75 100
53 101.9 75.4 113.0
89 47.0 40.9 61.3



#82
4-Chlorotoluene
Concen: 50.391 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

Tgt Ion: 91 Resp: 560770
Ion Ratio Lower Upper
91 100
126 32.4 16.2 48.6

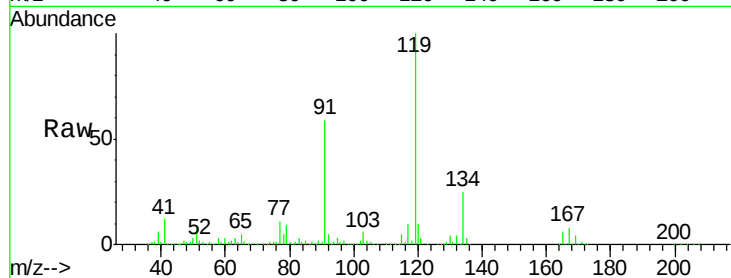




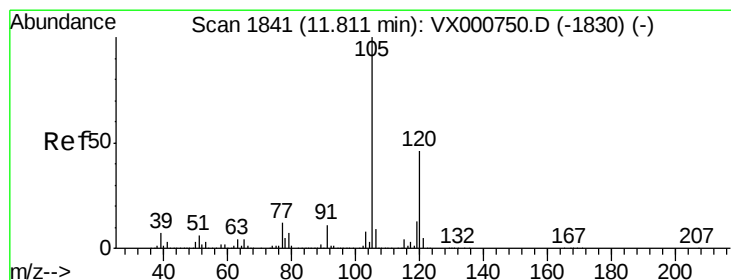
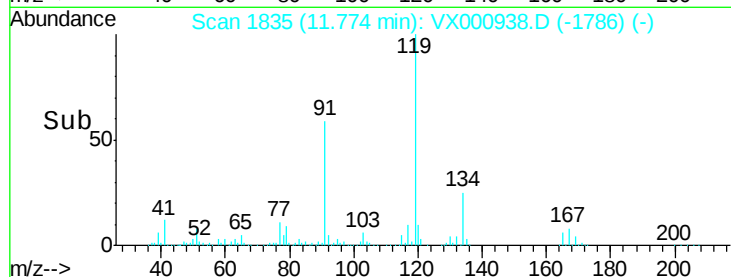
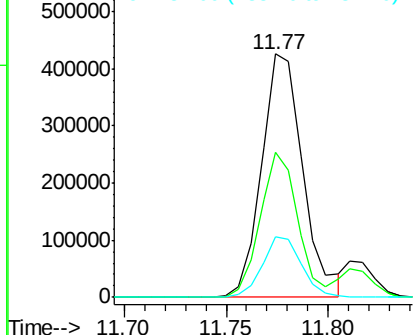
#83
tert-Butylbenzene
Concen: 50.137 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:119 Resp: 601593
Ion Ratio Lower Upper
119 100
91 54.0 26.8 80.3
134 23.6 11.5 34.4

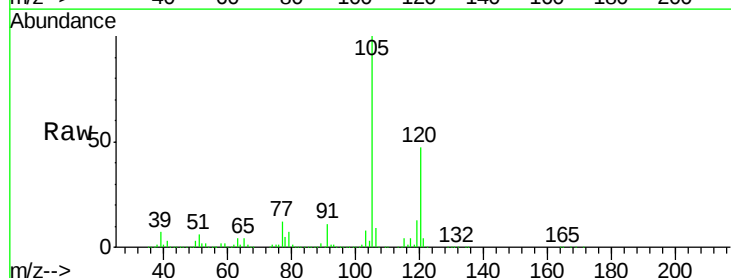


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

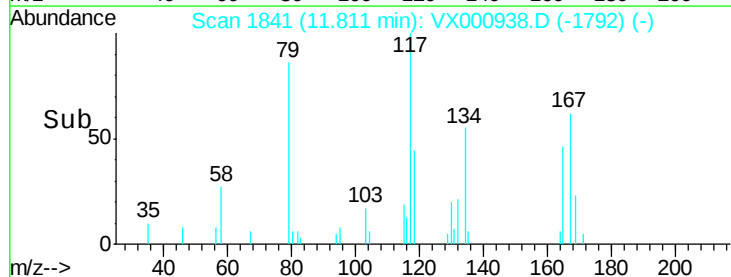
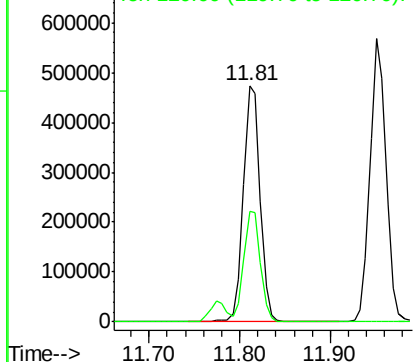


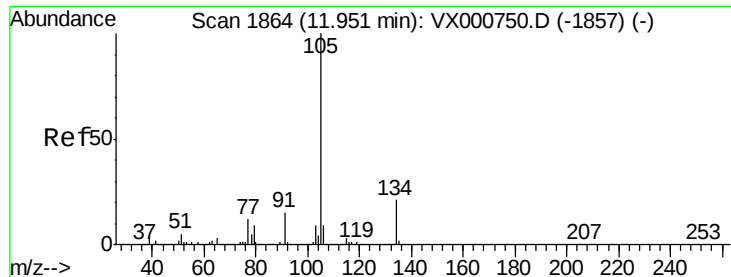
#84
1,2,4-Trimethylbenzene
Concen: 50.103 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX000938.D
Acq: 16 Apr 2018 23:29

Tgt Ion:105 Resp: 606644
Ion Ratio Lower Upper
105 100
120 46.3 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.353 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

Instrument :

MSVOA_X

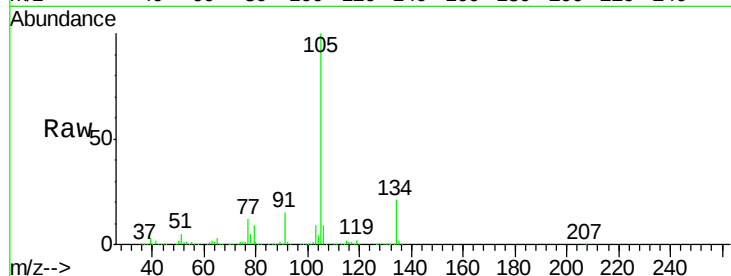
ClientSampleId :

Tot Ion:105 Resp: 698598

Ion Ratio Lower Upper

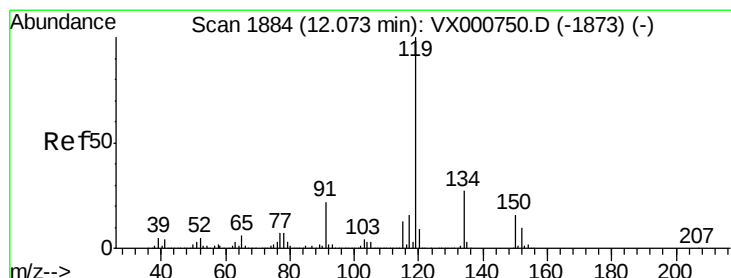
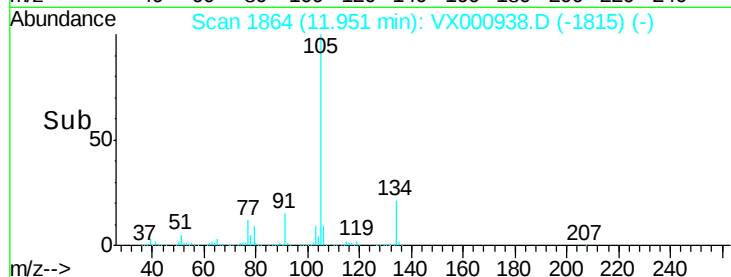
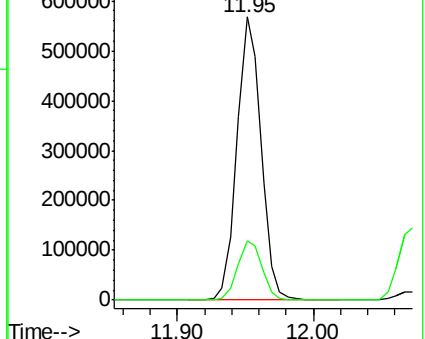
105 100

134 21.4 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.288 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

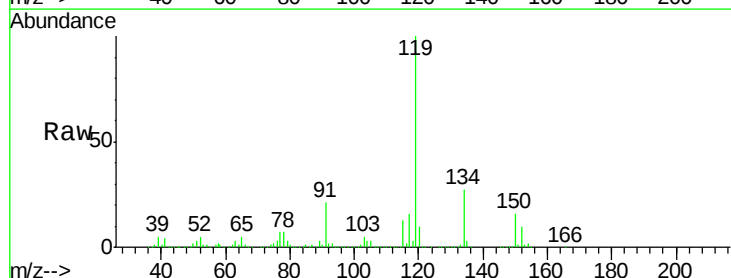
Tgt Ion:119 Resp: 650607

Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.7

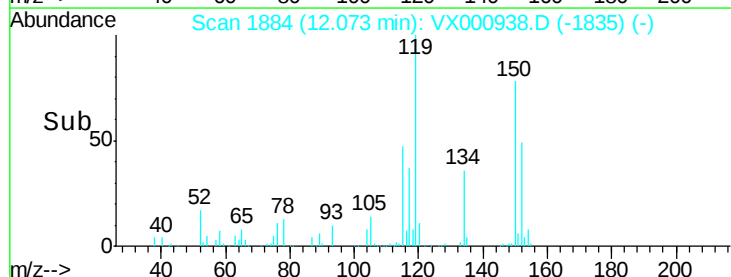
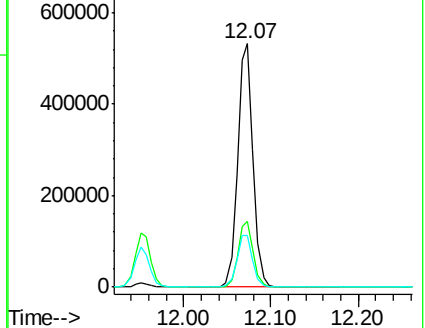
91 22.0 11.2 33.5

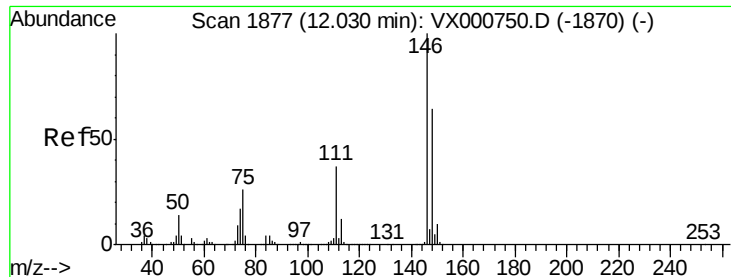


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 50.878 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

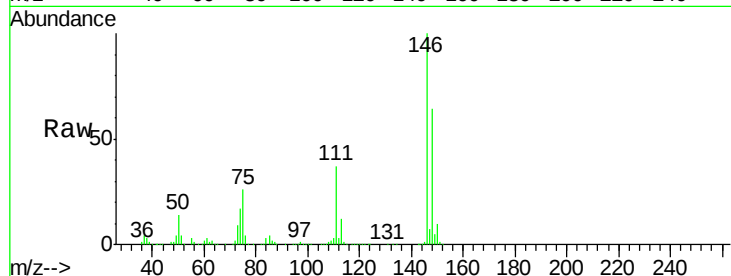
Tot Ion:146 Resp: 376367

Ion Ratio Lower Upper

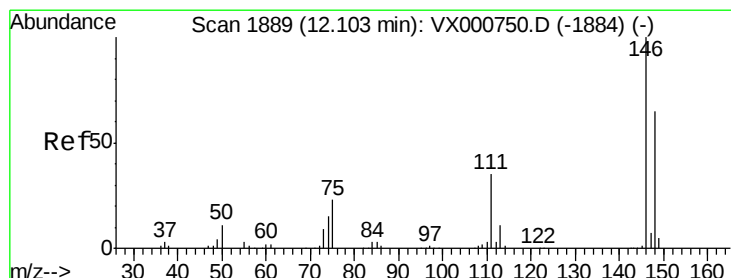
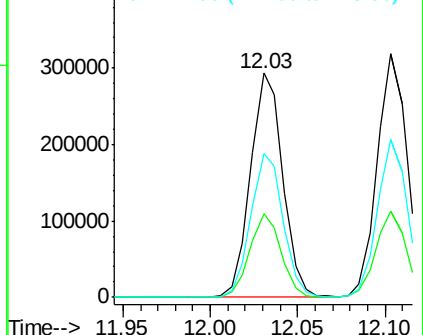
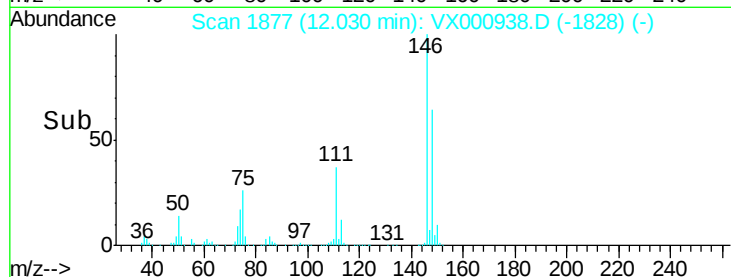
146 100

111 36.4 18.3 54.8

148 64.0 32.2 96.6



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



#88

1,4-Dichlorobenzene

Concen: 50.665 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

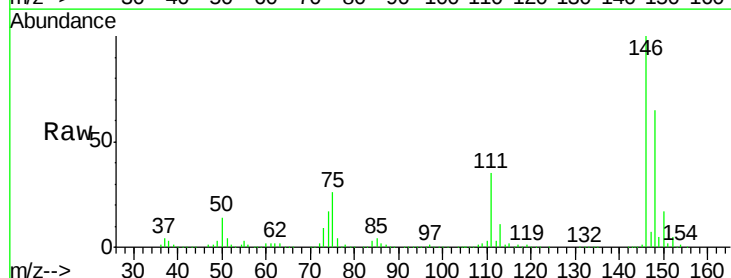
Tgt Ion:146 Resp: 384098

Ion Ratio Lower Upper

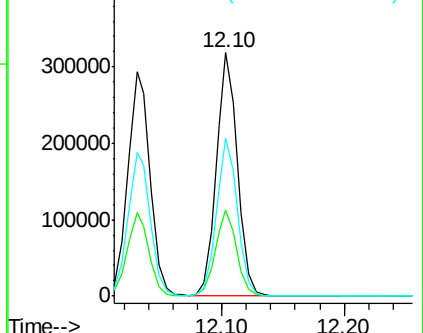
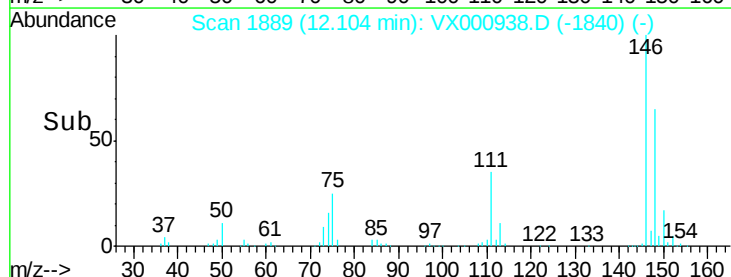
146 100

111 35.5 17.9 53.8

148 64.4 32.6 97.7



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





#89

n-Butylbenzene

Concen: 48.123 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

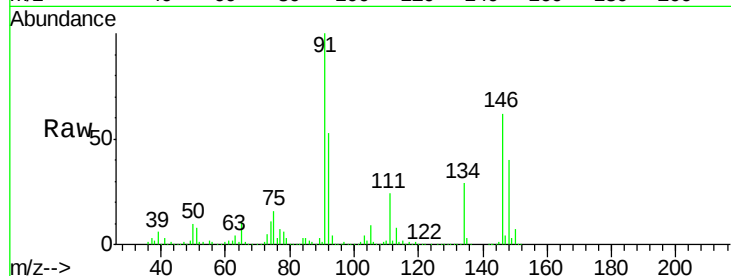
Tot Ion: 91 Resp: 560685

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.5

134 28.8 14.5 43.5



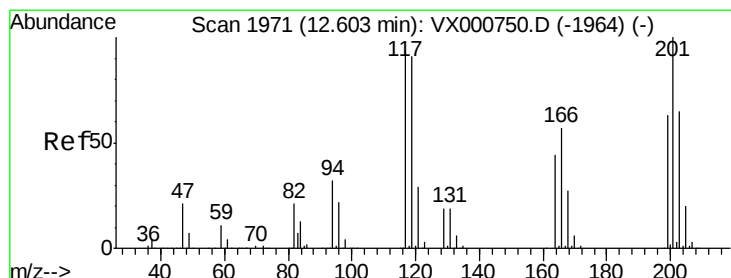
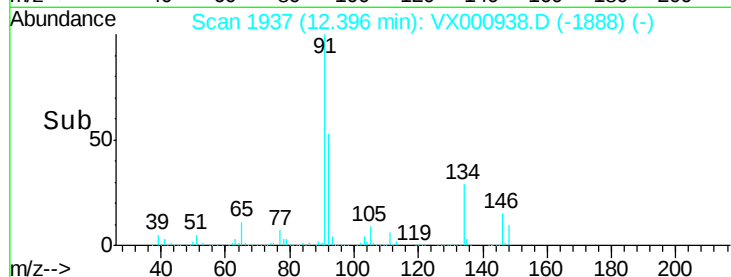
Abundance Ion 91.00 (90.70 to 91.70): VX000938.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX000938.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX000938.D (-1930) (-)

12.40

Time--> 12.30 12.40 12.50



#90

Hexachloroethane

Concen: 43.603 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000938.D

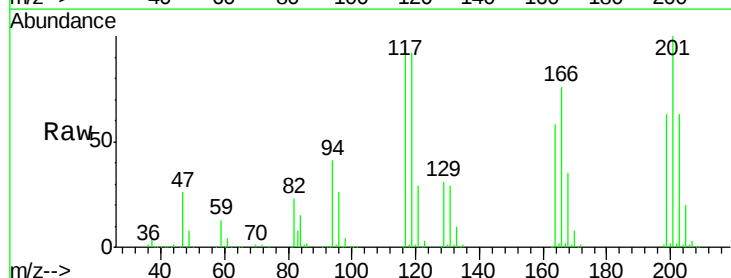
Acq: 16 Apr 2018 23:29

Tgt Ion: 117 Resp: 97394

Ion Ratio Lower Upper

117 100

201 105.5 52.9 158.7

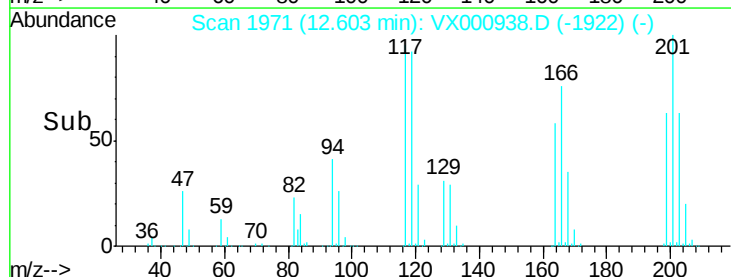


Abundance Ion 116.80 (116.50 to 117.50): VX000938.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX000938.D (-1964) (-)

12.60

Time--> 12.55 12.60 12.65





#91

1,2-Dichlorobenzene

Concen: 51.807 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

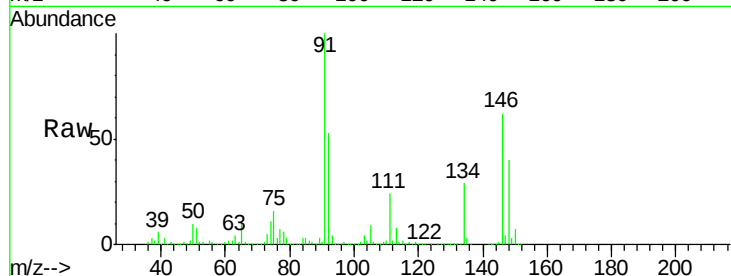
Tot Ion:146 Resp: 369968

Ion Ratio Lower Upper

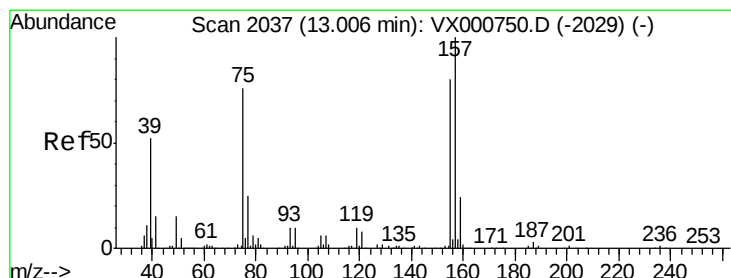
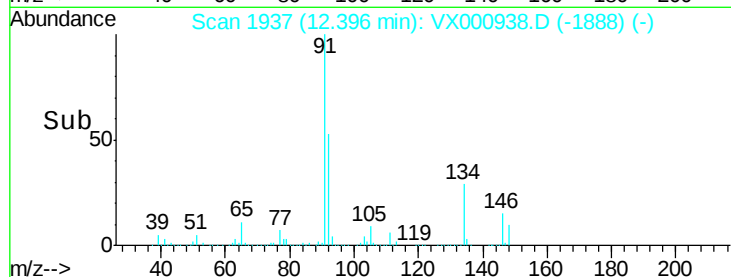
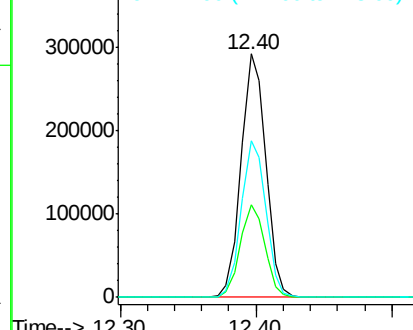
146 100

111 37.9 18.9 56.7

148 64.3 32.0 96.2



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.080 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

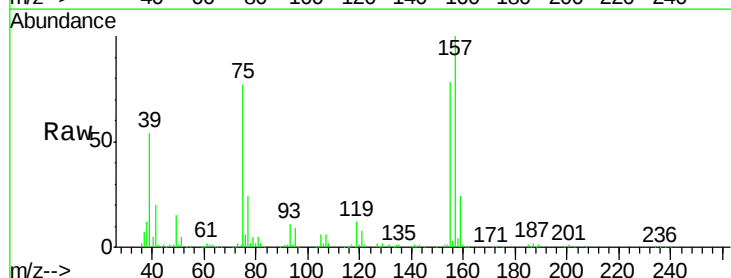
Tgt Ion: 75 Resp: 44702

Ion Ratio Lower Upper

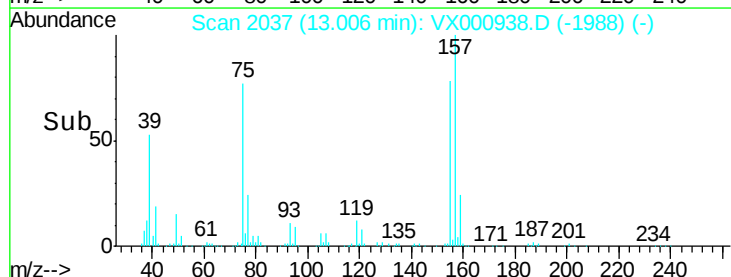
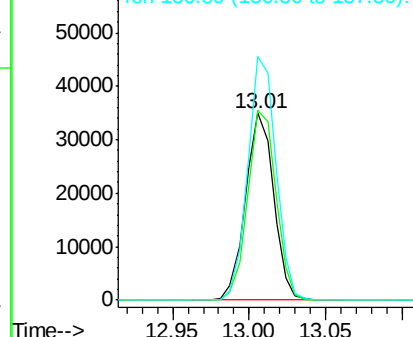
75 100

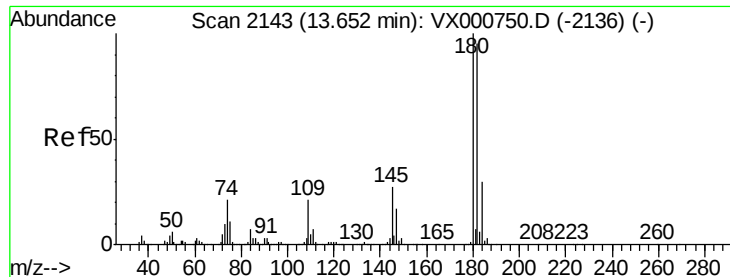
155 101.9 51.9 155.8

157 130.2 66.6 199.8



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

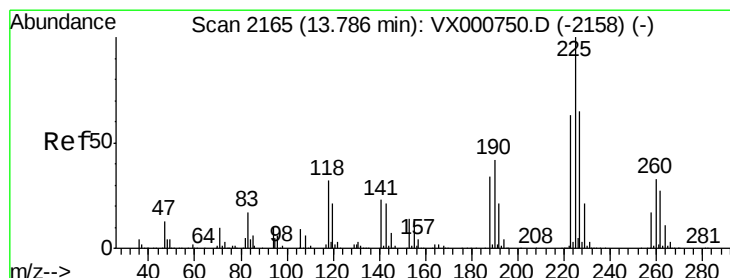
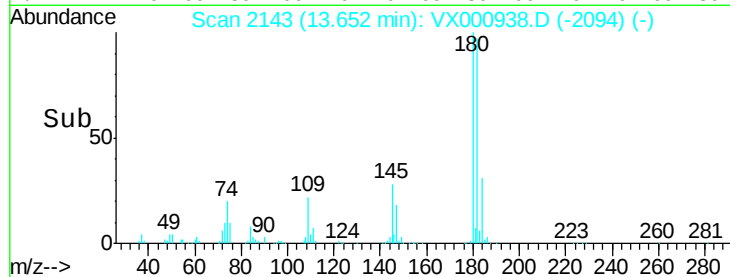
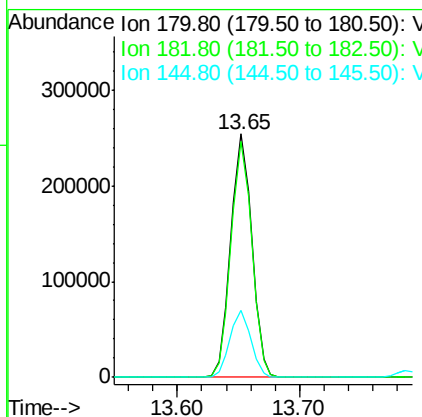
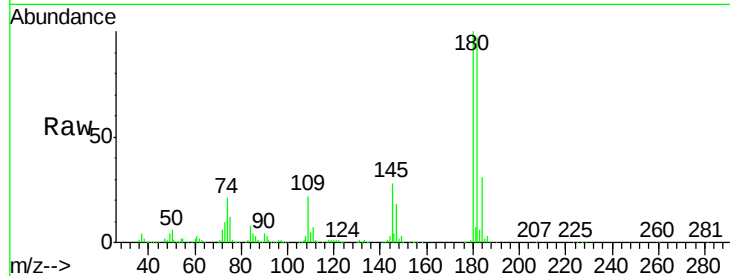




#93
 1,2,4-Trichlorobenzene
 Concen: 49.401 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000938.D
 Acq: 16 Apr 2018 23:29

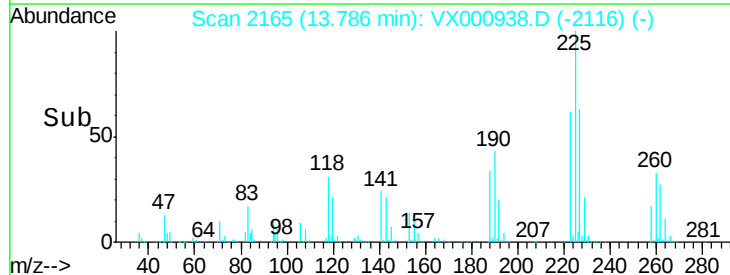
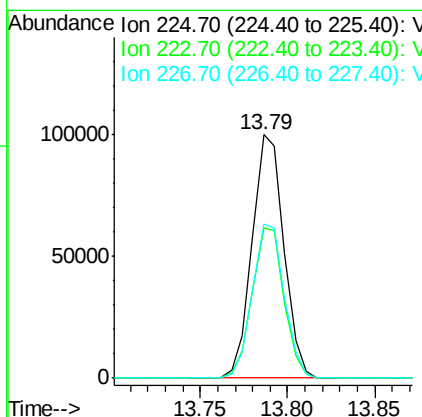
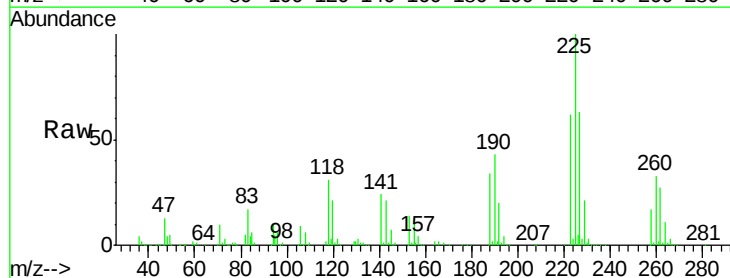
Instrument :
 MSVOA_X
 ClientSampleId :

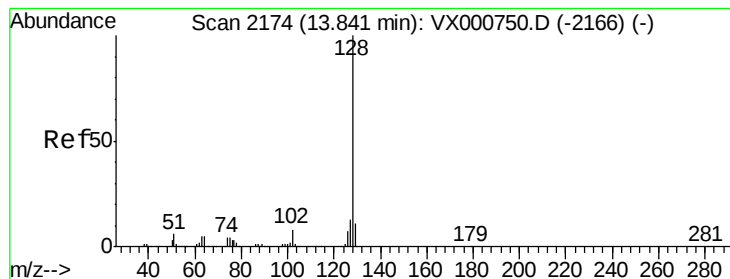
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.5	142.5
145	27.6	13.8	41.4



#94
 Hexachlorobutadiene
 Concen: 41.904 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX000938.D
 Acq: 16 Apr 2018 23:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.2	93.6
227	63.6	32.3	96.9





#95

Naphthalene

Concen: 51.106 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

Instrument :

MSVOA_X

ClientSampled :

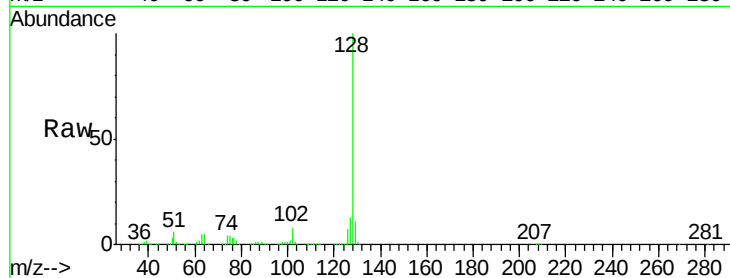
Tot Ion:128 Resp: 799397

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

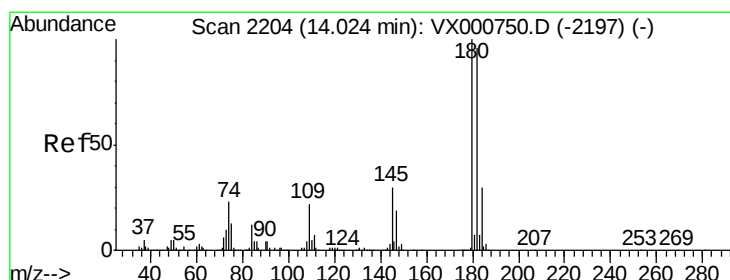
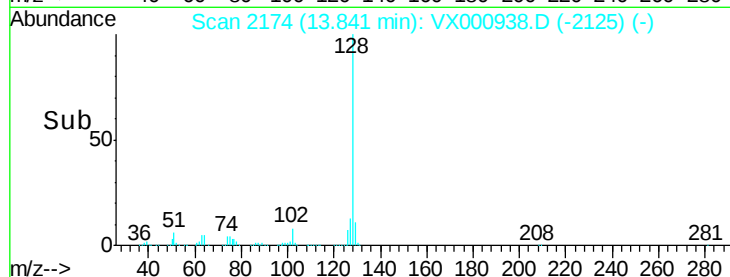
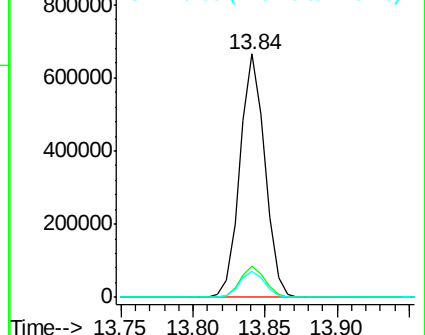
129 10.9 8.7 13.1



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: 49.789 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX000938.D

Acq: 16 Apr 2018 23:29

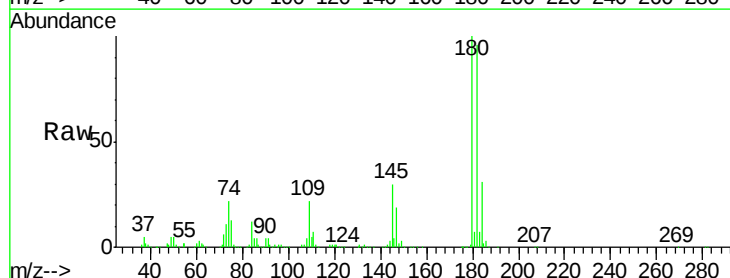
Tgt Ion:180 Resp: 294687

Ion Ratio Lower Upper

180 100

182 96.4 48.4 145.2

145 29.2 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

