

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX060218\
 Data File : VX002250.D
 Acq On : 02 Jun 2018 20:04
 Operator : JC/MD
 Sample : J3234-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 05:16:15 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	137677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	215369	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	210462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139100	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	156085	63.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.84%	
35) Dibromofluoromethane	5.51	113	117096	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
50) Toluene-d8	8.72	98	426570	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	
62) 4-Bromofluorobenzene	11.14	95	162379	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	61788	35.26	ug/l	98
3) Chloromethane	1.32	50	97478	46.02	ug/l	98
4) Vinyl Chloride	1.41	62	98006	47.92	ug/l	99
5) Bromomethane	1.64	94	61395	65.51	ug/l	98
6) Chloroethane	1.71	64	70953	58.85	ug/l	100
7) Trichlorofluoromethane	1.92	101	158296	51.54	ug/l	99
8) Diethyl Ether	2.19	74	228192	204.75	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	87326	50.95	ug/l	98
10) Methyl Iodide	2.51	142	130211	56.15	ug/l	98
11) Tert butyl alcohol	3.09	59	172399	356.88	ug/l	98
12) 1,1-Dichloroethene	2.37	96	86466	53.88	ug/l	97
13) Acrolein	2.30	56	56309	269.60	ug/l	99
14) Allyl chloride	2.73	41	202857	60.22	ug/l	98
15) Acrylonitrile	3.15	53	386439	389.01	ug/l	100
16) Acetone	2.45	43	357767	376.69	ug/l	99
17) Carbon Disulfide	2.56	76	178761	38.71	ug/l	100
18) Methyl Acetate	2.78	43	188520	83.15	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	421967	69.91	ug/l	99
20) Methylene Chloride	2.85	84	119029	73.15	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	97583	62.87	ug/l	98
22) Diisopropyl ether	3.88	45	389550	56.85	ug/l	97
23) Vinyl Acetate	3.83	43	1690833	297.64	ug/l	98
24) 1,1-Dichloroethane	3.70	63	215087	66.08	ug/l	99
25) 2-Butanone	4.71	43	511088	293.60	ug/l	100
26) 2,2-Dichloropropane	4.59	77	124039	37.65	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	110394	52.76	ug/l	94
28) Bromochloromethane	5.03	49	99833	73.98	ug/l	99
29) Tetrahydrofuran	5.17	42	358242	316.31	ug/l	98
30) Chloroform	5.22	83	202293	55.17	ug/l	97
31) Cyclohexane	5.57	56	136018	40.11	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	159489	46.65	ug/l	99
36) 1,1-Dichloropropene	5.80	75	121947	40.71	ug/l	98
37) Ethyl Acetate	4.87	43	192255	49.23	ug/l	99
38) Carbon Tetrachloride	5.78	117	130735	37.42	ug/l	98

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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	135498	36.82	ug/l	98
40) Benzene	6.15	78	438965	50.02	ug/l	100
41) Methacrylonitrile	5.07	41	114223	55.57	ug/l	98
42) 1,2-Dichloroethane	6.20	62	182058	51.93	ug/l	99
43) Isopropyl Acetate	6.48	43	320437	49.24	ug/l	100
44) Trichloroethene	7.22	130	113362	44.33	ug/l	97
45) 1,2-Dichloropropane	7.52	63	123021	51.61	ug/l	99
46) Dibromomethane	7.66	93	83421	52.86	ug/l	99
47) Bromodichloromethane	7.90	83	146711	43.60	ug/l	98
48) Methyl methacrylate	7.79	41	168365	50.83	ug/l	98
49) 1,4-Dioxane	7.76	88	60653	1039.22	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1104017	281.44	ug/l	100
52) Toluene	8.79	92	269651	48.28	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	171714	44.31	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	162395	43.01	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	124859	53.51	ug/l	98
56) Ethyl methacrylate	9.19	69	197860	49.30	ug/l	98
57) 1,3-Dichloropropane	9.38	76	206768	53.79	ug/l	99
59) 2-Hexanone	9.51	43	845021	279.37	ug/l	99
60) Dibromochloromethane	9.59	129	122653	44.38	ug/l	100
61) 1,2-Dibromoethane	9.68	107	131618	53.76	ug/l	100
64) Tetrachloroethene	9.34	164	118729	39.35	ug/l	98
65) Chlorobenzene	10.14	112	354236	53.12	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	122108	45.35	ug/l	99
67) Ethyl Benzene	10.26	91	538176	46.45	ug/l	100
68) m/p-Xylenes	10.37	106	414771	93.66	ug/l	98
69) o-Xylene	10.70	106	214886	48.60	ug/l	97
70) Styrene	10.72	104	348905	47.58	ug/l	99
71) Bromoform	10.87	173	96945	37.97	ug/l #	99
73) Isopropylbenzene	11.02	105	537231	45.61	ug/l	99
74) N-amyl acetate	6.48	43	320437	52.60	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	197977	61.75	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	229778	68.77	ug/l	80
77) Bromobenzene	11.26	156	155036	49.61	ug/l	96
78) n-propylbenzene	11.37	91	578694	43.87	ug/l	100
79) 2-Chlorotoluene	11.43	91	371904	51.46	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	454648	45.17	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	48782	35.09	ug/l #	85
82) 4-Chlorotoluene	11.52	91	427470	45.94	ug/l	99
83) tert-Butylbenzene	11.77	119	449874	45.54	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	473591	45.53	ug/l	99
85) sec-Butylbenzene	11.95	105	517753	43.60	ug/l	100
86) p-Isopropyltoluene	12.07	119	466180	43.87	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	263442	47.07	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	281191	50.25	ug/l	99
89) n-Butylbenzene	12.39	91	369397	41.03	ug/l	99
90) Hexachloroethane	12.60	117	72091	34.40	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	289379	50.75	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	44537	42.53	ug/l	95
93) 1,2,4-Trichlorobenzene	13.65	180	181958	44.62	ug/l	100

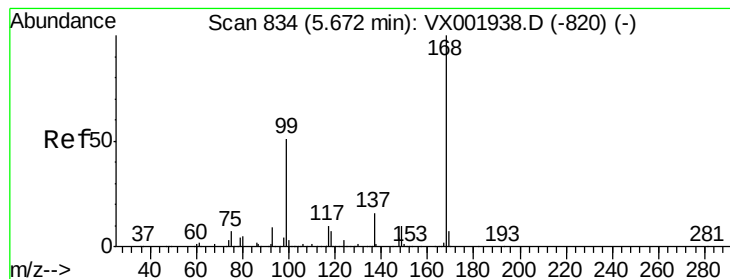
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Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	83089	37.88	ug/l	99
95) Naphthalene	13.84	128	652164	51.91	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	199967	47.39	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

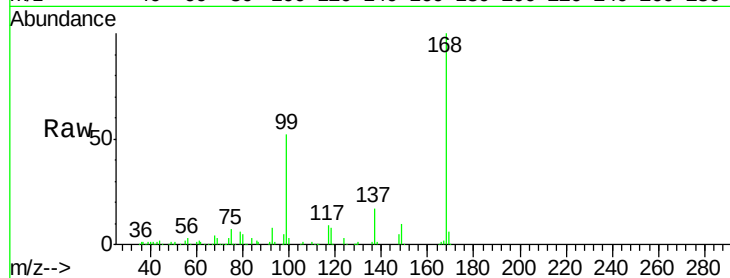
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 137677

Ion Ratio Lower Upper

168 100

99 51.4 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

50000

40000

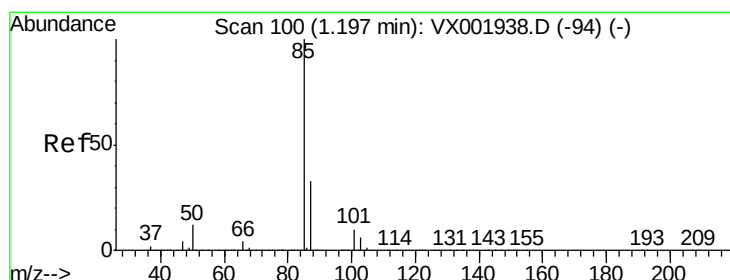
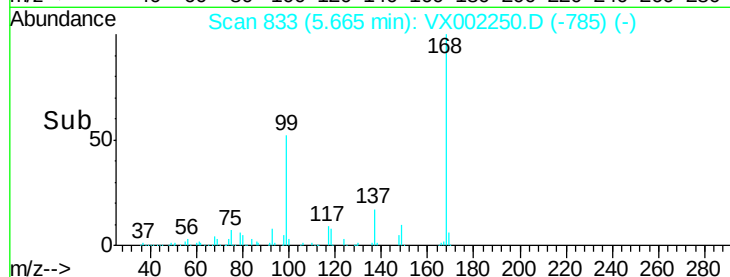
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 35.26 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002250.D

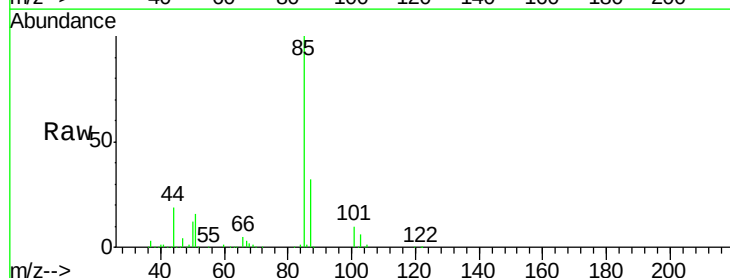
Acq: 02 Jun 2018 20:04

Tgt Ion: 85 Resp: 61788

Ion Ratio Lower Upper

85 100

87 31.9 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

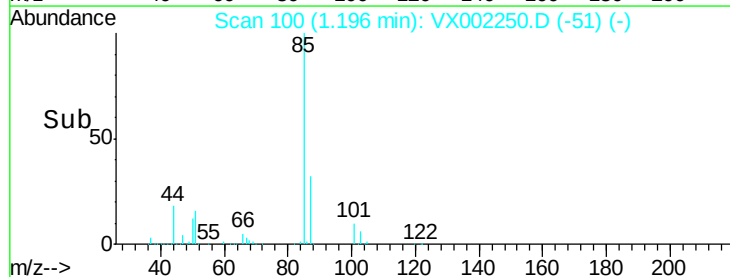
60000

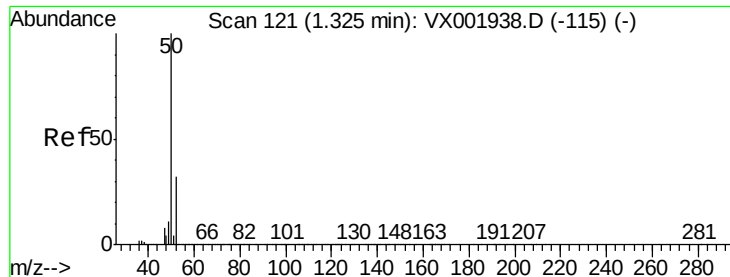
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 46.02 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

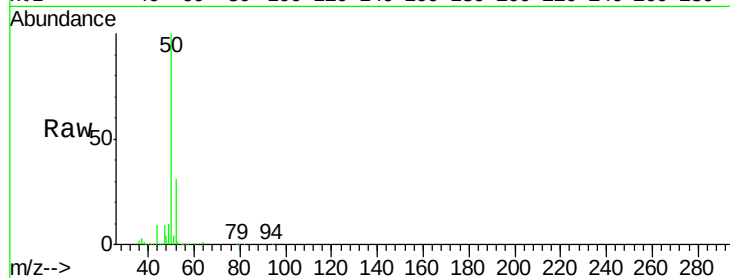
ClientSampleId :

Tot Ion: 50 Resp: 97478

Ion Ratio Lower Upper

50 100

52 31.5 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

100000

80000

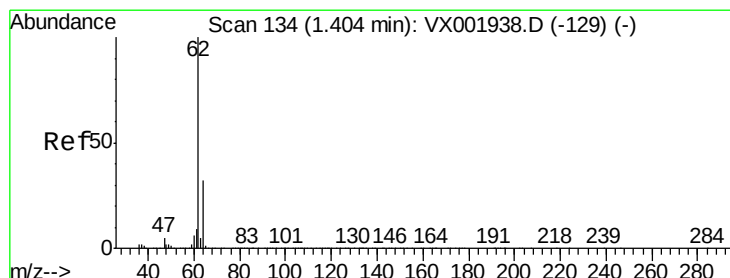
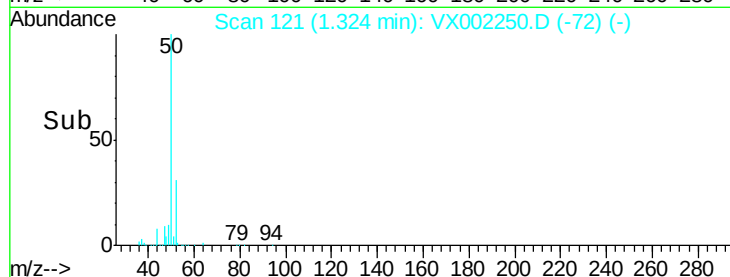
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 47.92 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002250.D

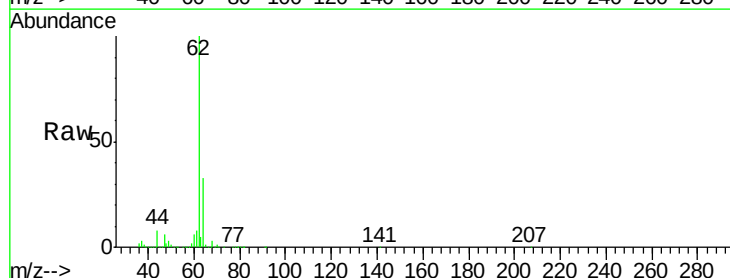
Acq: 02 Jun 2018 20:04

Tgt Ion: 62 Resp: 98006

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

100000

80000

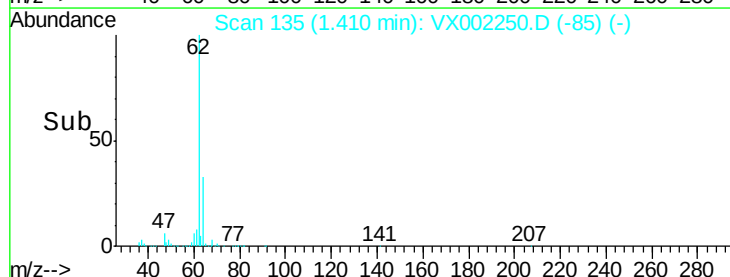
60000

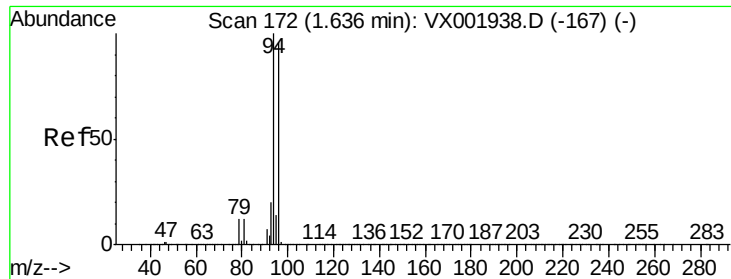
40000

20000

0

Time-->





#5

Bromomethane

Concen: 65.51 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

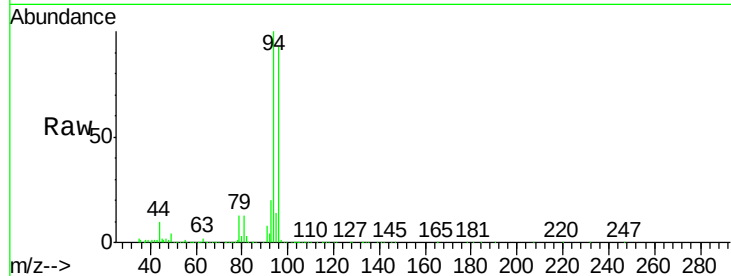
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 61395

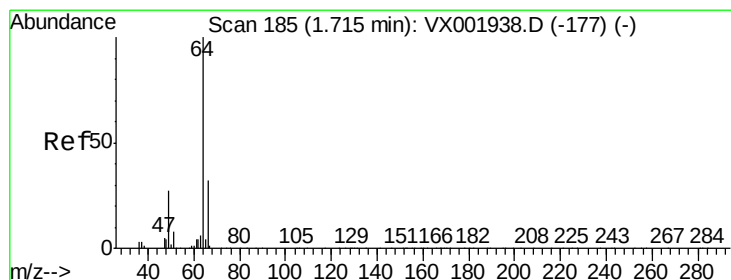
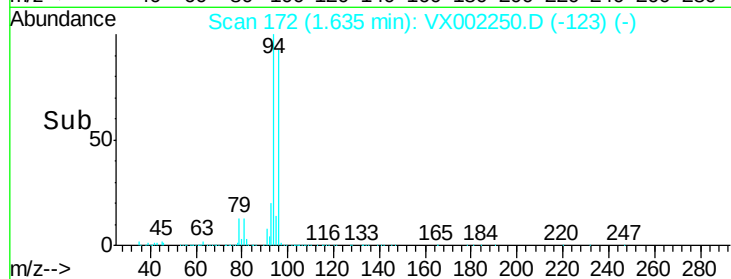
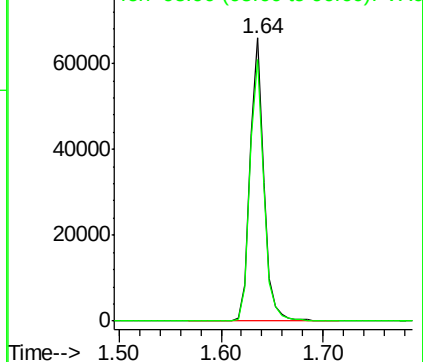
Ion Ratio Lower Upper

94 100

96 92.5 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 58.85 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX002250.D

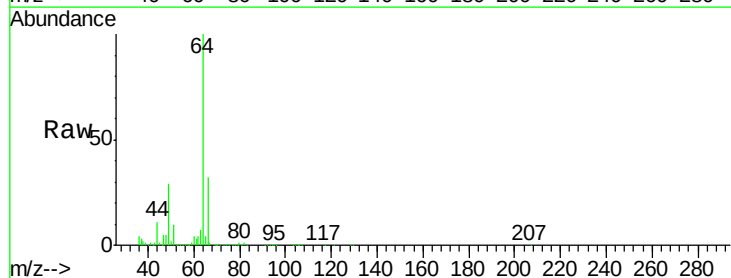
Acq: 02 Jun 2018 20:04

Tgt Ion: 64 Resp: 70953

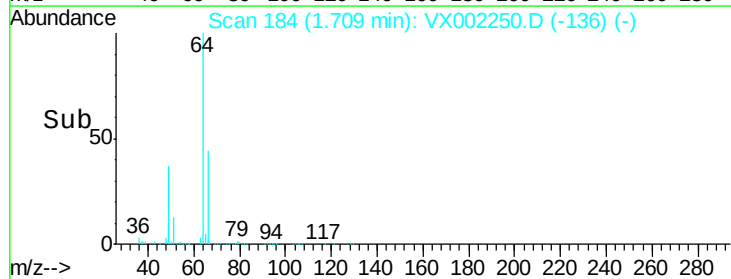
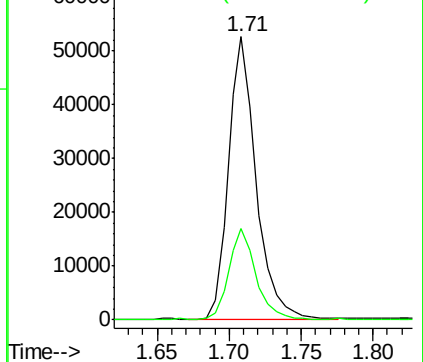
Ion Ratio Lower Upper

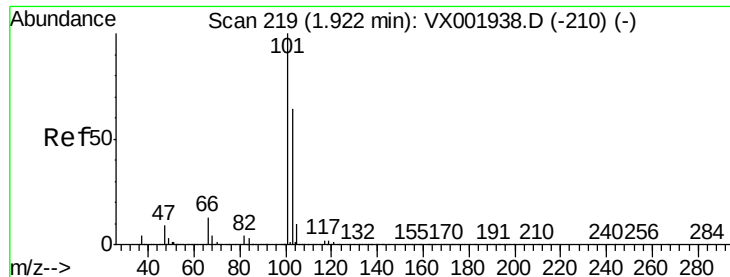
64 100

66 32.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



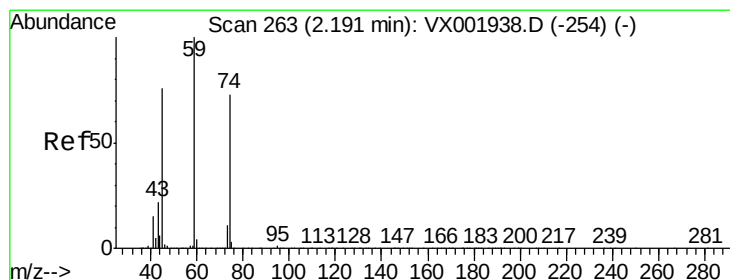
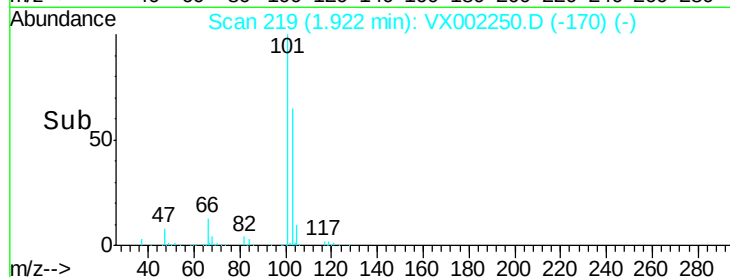
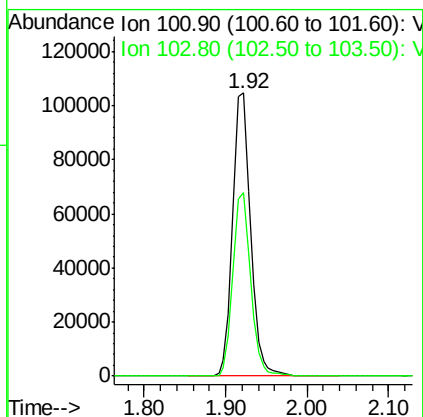
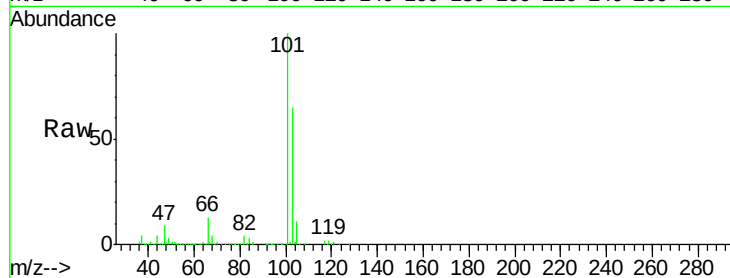


#7

Trichlorofluoromethane
Concen: 51.54 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Instrument :
MSVOA_X
ClientSampled :

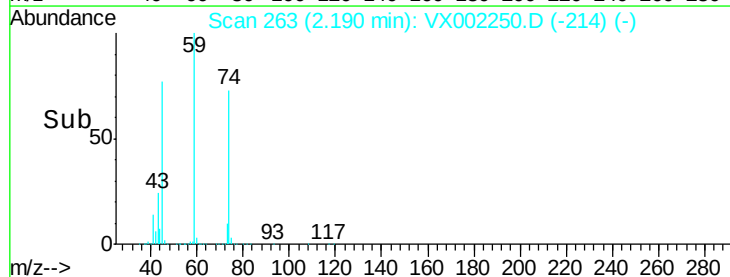
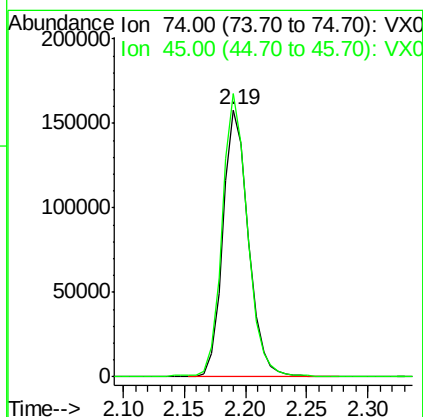
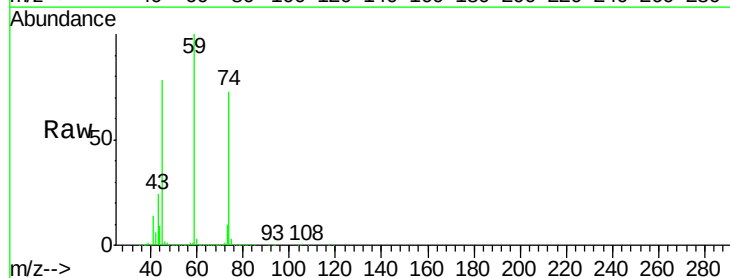
Tot Ion:101 Resp: 158296
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0

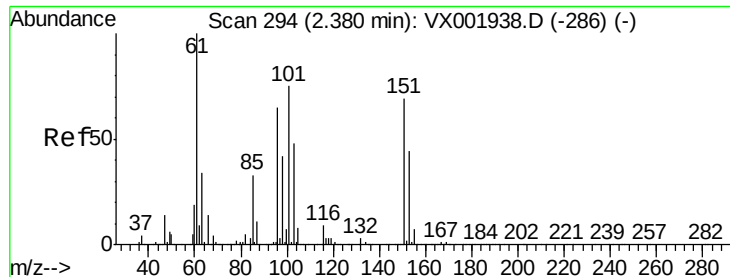


#8

Diethyl Ether
Concen: 204.75 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Tgt Ion: 74 Resp: 228192
Ion Ratio Lower Upper
74 100
45 105.6 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.95 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampled :

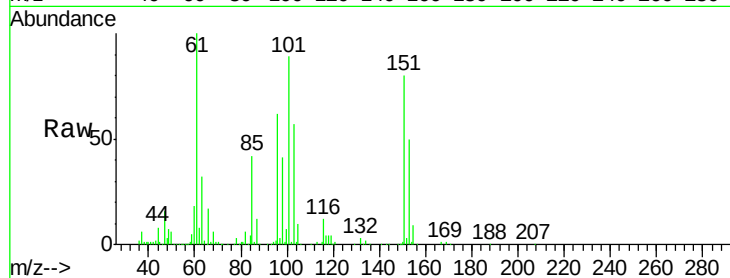
Tot Ion:101 Resp: 87326

Ion Ratio Lower Upper

101 100

85 44.6 35.6 53.4

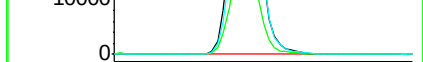
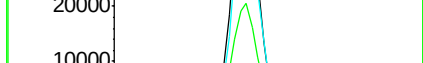
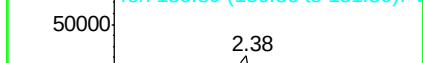
151 88.1 73.2 109.8



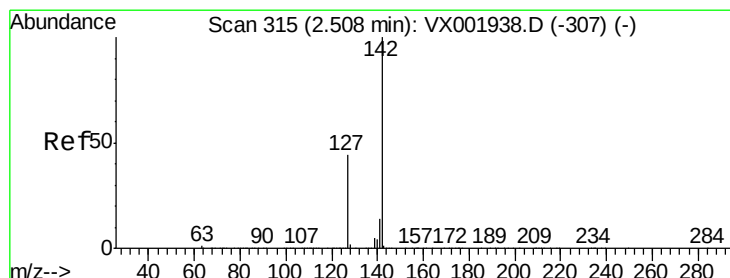
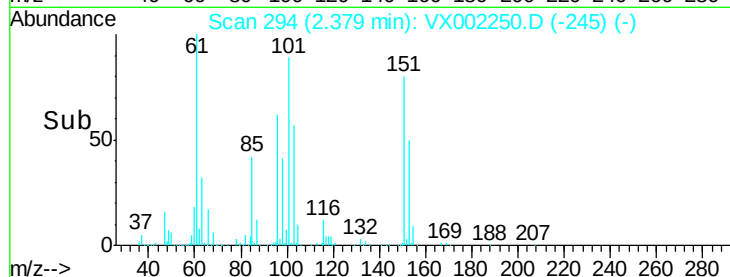
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



Time-->



#10

Methyl Iodide

Concen: 56.15 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

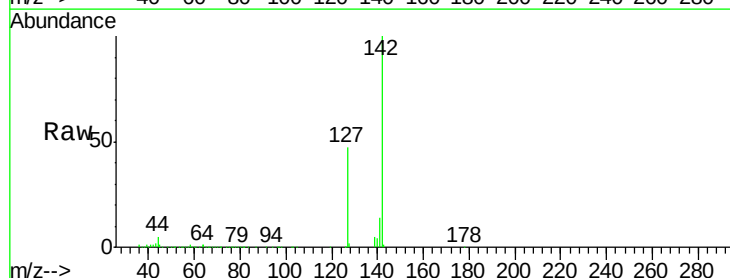
Tgt Ion:142 Resp: 130211

Ion Ratio Lower Upper

142 100

127 46.3 35.5 53.3

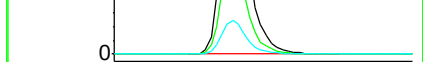
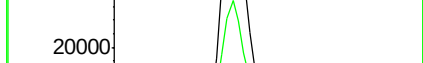
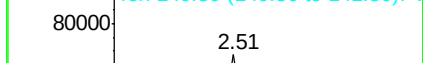
141 14.5 11.3 16.9



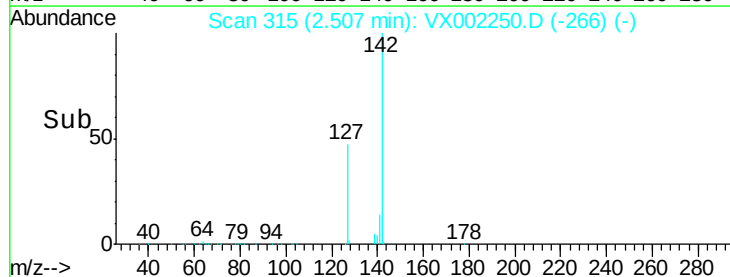
Abundance Ion 141.80 (141.50 to 142.50): V

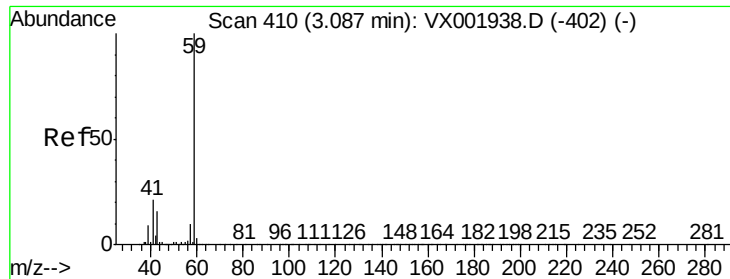
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->



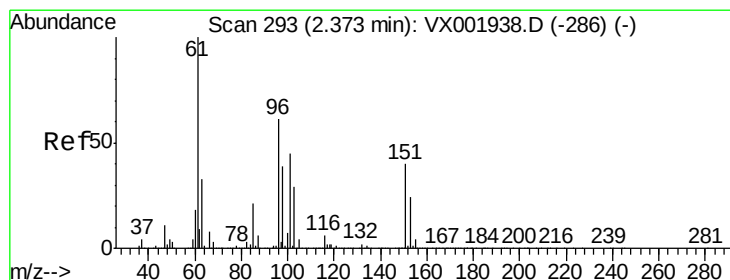
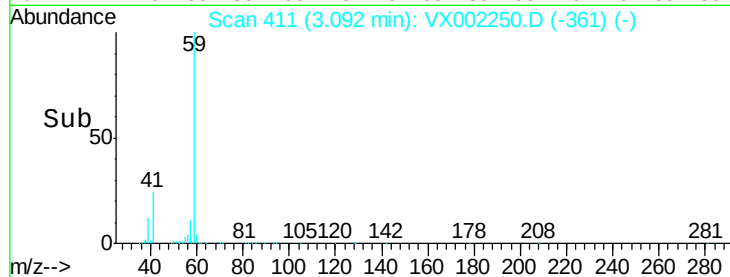
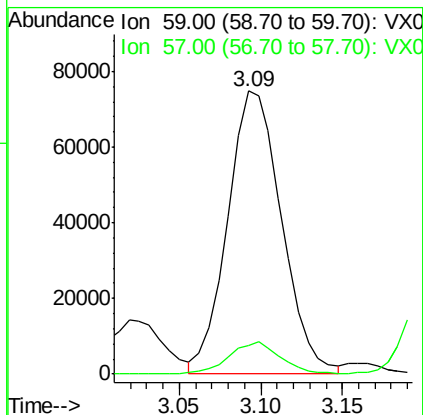
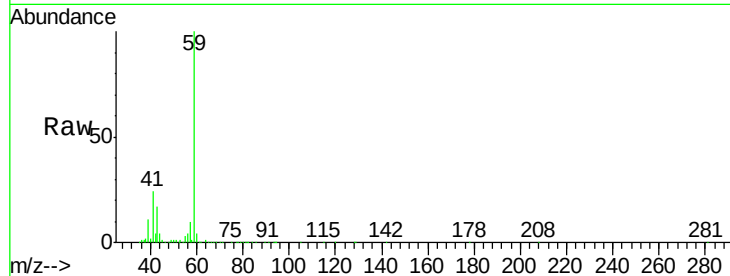


#11

Tert butyl alcohol
Concen: 356.88 ug/l
RT: 3.09 min Scan# 411
Delta R.T. 0.01 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Instrument :
MSVOA_X
ClientSampleId :

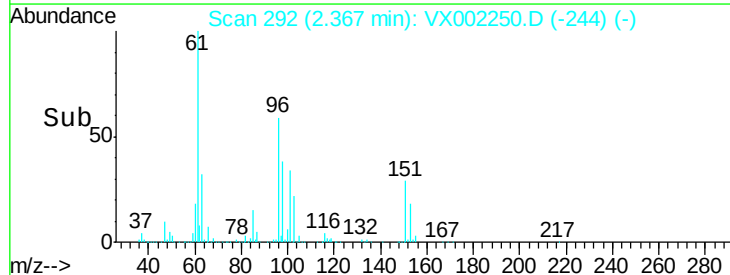
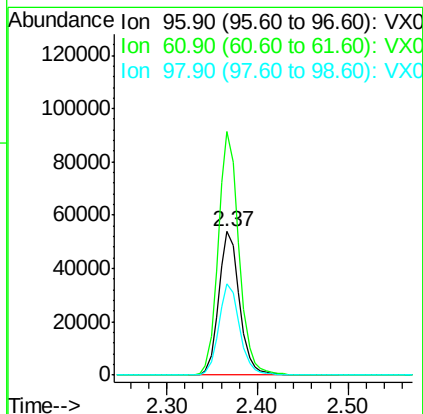
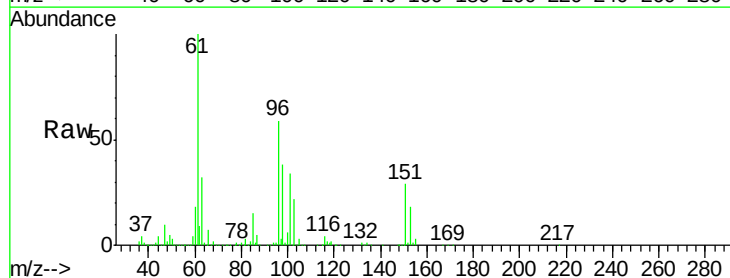
Tot Ion: 59 Resp: 172399
Ion Ratio Lower Upper
59 100
57 10.4 8.9 13.3

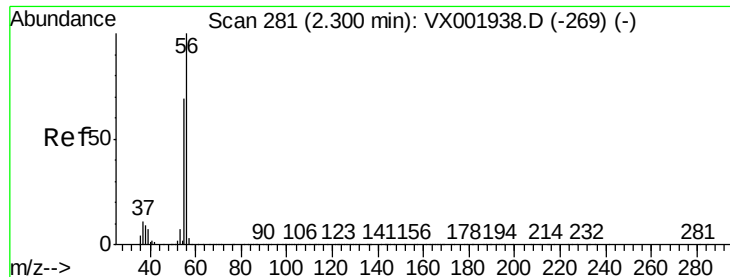


#12

1,1-Dichloroethene
Concen: 53.88 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Tgt Ion: 96 Resp: 86466
Ion Ratio Lower Upper
96 100
61 169.8 131.7 197.5
98 64.1 51.6 77.4





#13

Acrolein

Concen: 269.60 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

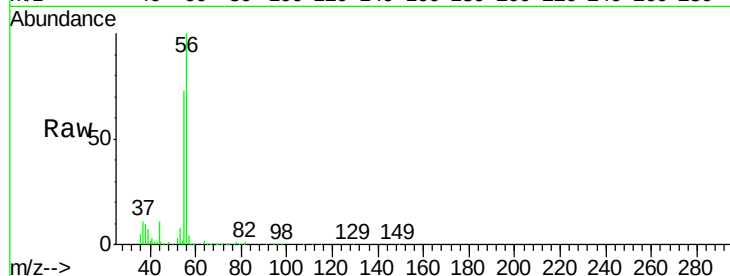
ClientSampleId :

Tot Ion: 56 Resp: 56309

Ion Ratio Lower Upper

56 100

55 72.0 56.8 85.2

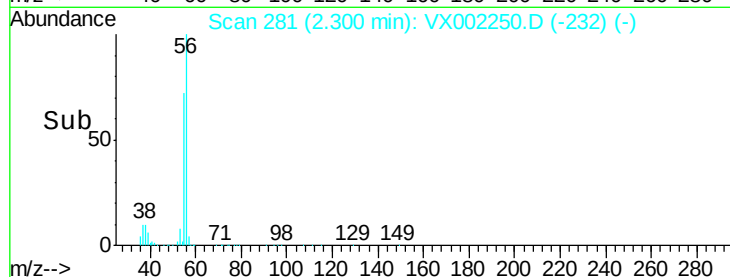


Abundance Ion 56.00 (55.70 to 56.70): VX001938.D (-269) (-)

Ion 55.00 (54.70 to 55.70): VX001938.D (-269) (-)

2.30

Time-->

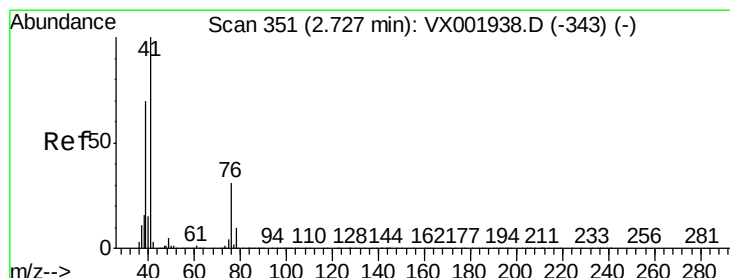


Abundance Ion 56.00 (55.70 to 56.70): VX002250.D (-232) (-)

Ion 55.00 (54.70 to 55.70): VX002250.D (-232) (-)

2.30

Time-->



#14

Allyl chloride

Concen: 60.22 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

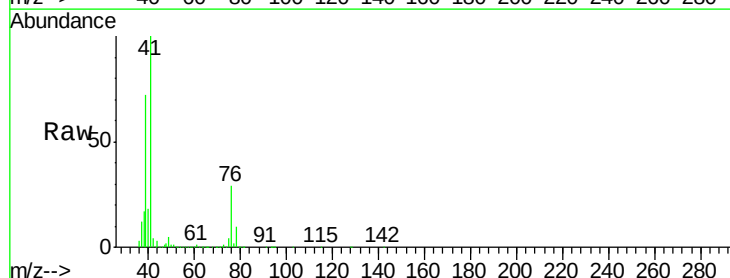
Tgt Ion: 41 Resp: 202857

Ion Ratio Lower Upper

41 100

39 68.5 54.3 81.5

76 27.7 24.2 36.4



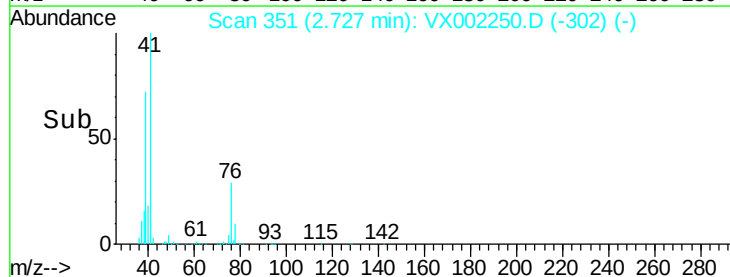
Abundance Ion 41.00 (40.70 to 41.70): VX001938.D (-343) (-)

Ion 39.00 (38.70 to 39.70): VX001938.D (-343) (-)

Ion 75.90 (75.60 to 76.60): VX001938.D (-343) (-)

2.73

Time-->



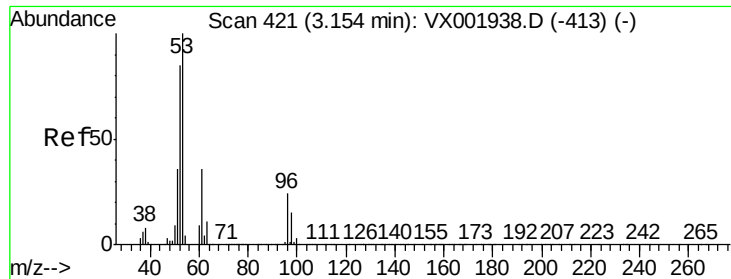
Abundance Ion 41.00 (40.70 to 41.70): VX002250.D (-302) (-)

Ion 39.00 (38.70 to 39.70): VX002250.D (-302) (-)

Ion 75.90 (75.60 to 76.60): VX002250.D (-302) (-)

2.73

Time-->



#15

Acrylonitrile

Concen: 389.01 ug/l

RT: 3.15 min Scan# 421

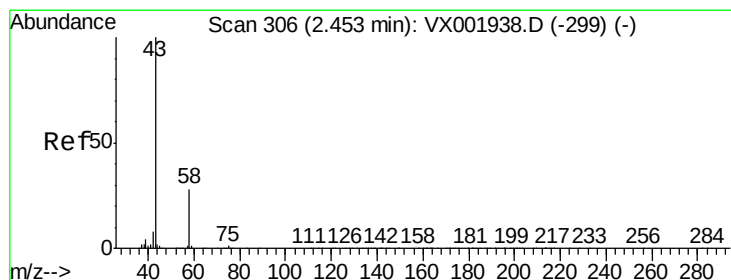
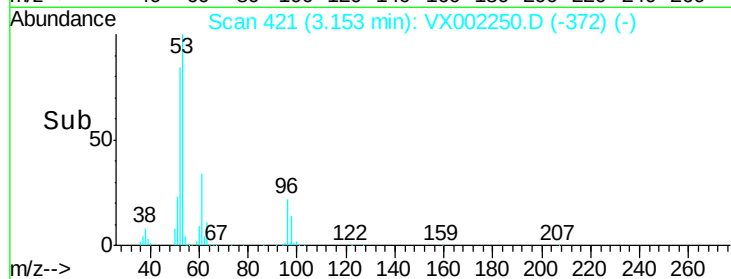
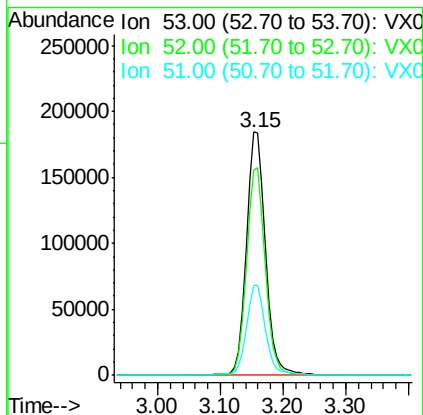
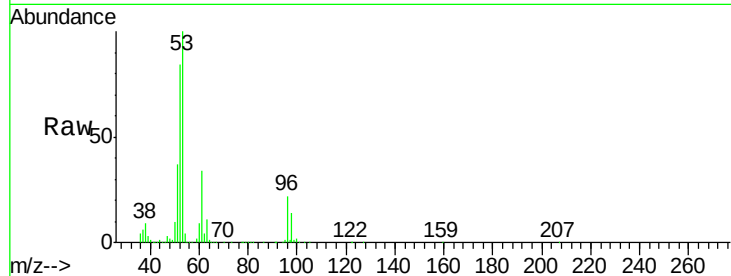
Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	53	Resp:	386439
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.4	99.6
51	36.9	29.3	43.9



#16

Acetone

Concen: 376.69 ug/l

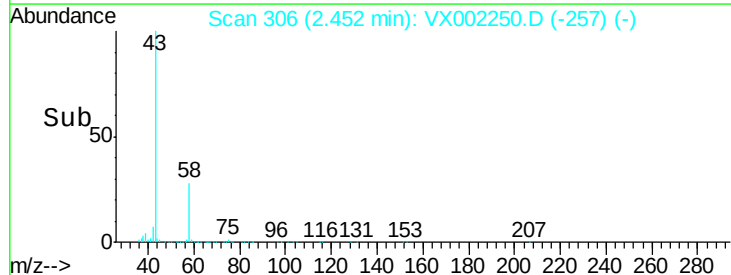
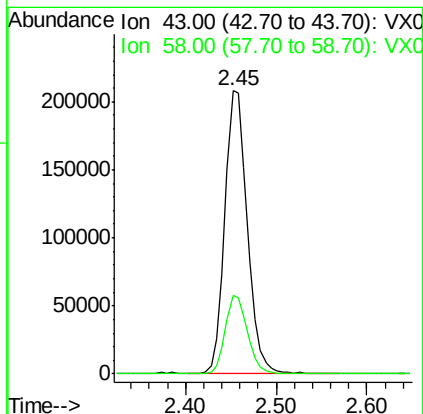
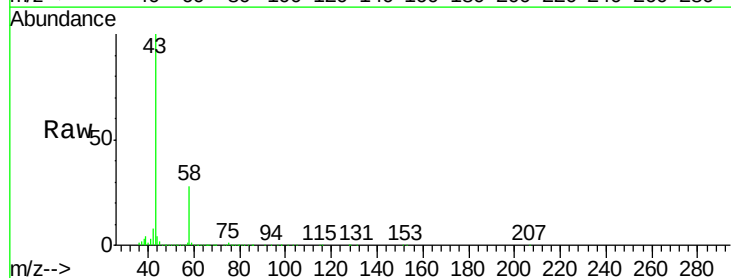
RT: 2.45 min Scan# 306

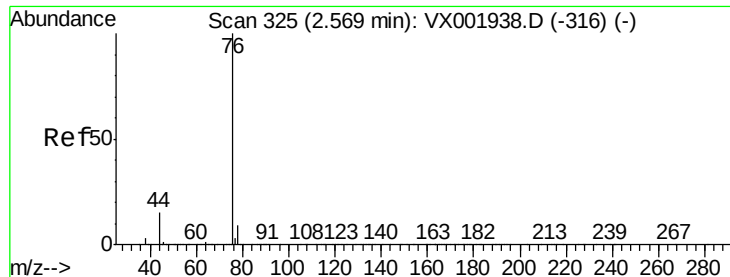
Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Tgt Ion:	43	Resp:	357767
Ion	Ratio	Lower	Upper
43	100		
58	27.6	22.3	33.5





#17

Carbon Disulfide

Concen: 38.71 ug/l

RT: 2.56 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

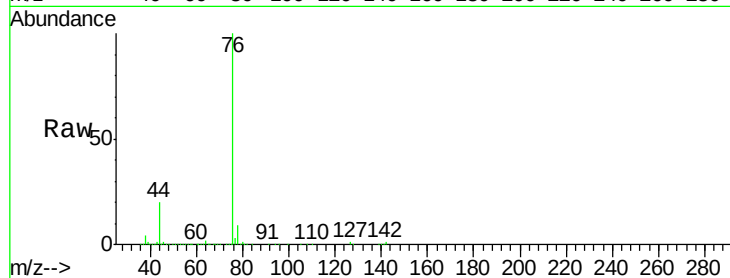
ClientSampleId :

Tot Ion: 76 Resp: 178761

Ion Ratio Lower Upper

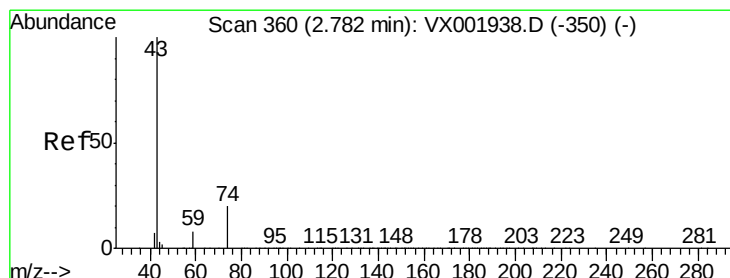
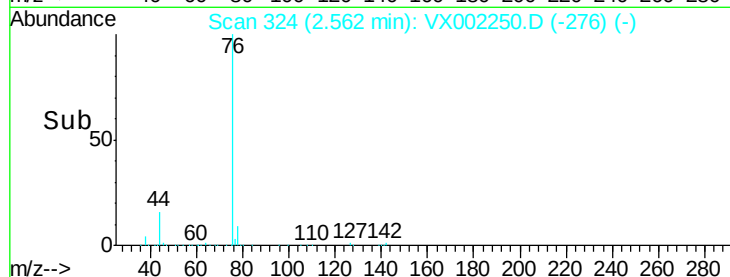
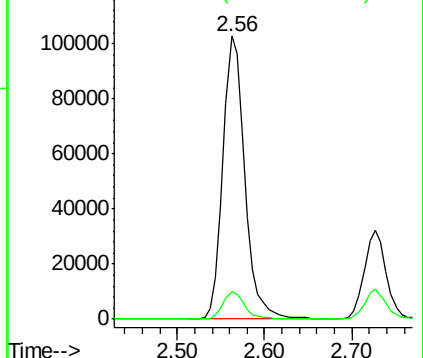
76 100

78 9.4 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 83.15 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002250.D

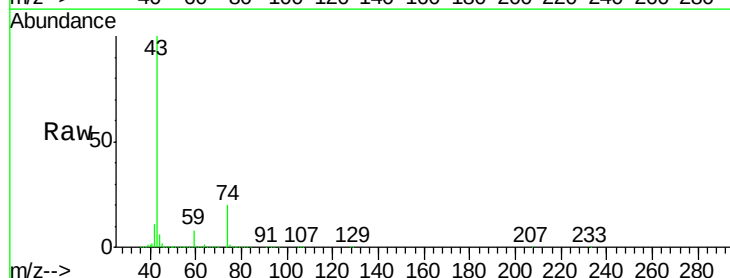
Acq: 02 Jun 2018 20:04

Tgt Ion: 43 Resp: 188520

Ion Ratio Lower Upper

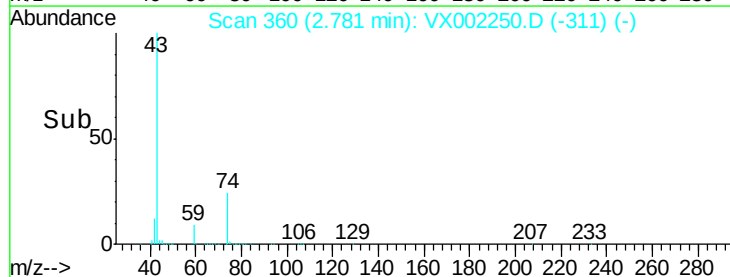
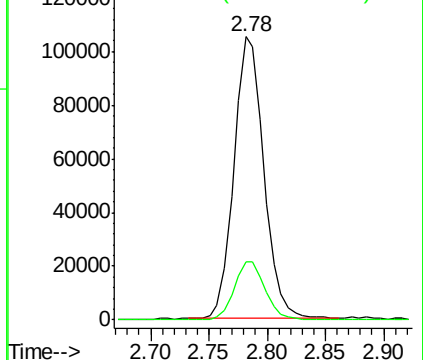
43 100

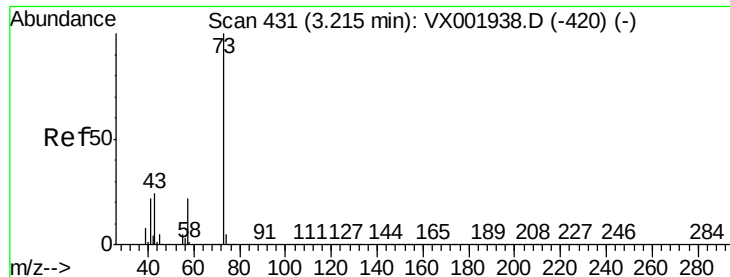
74 20.7 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

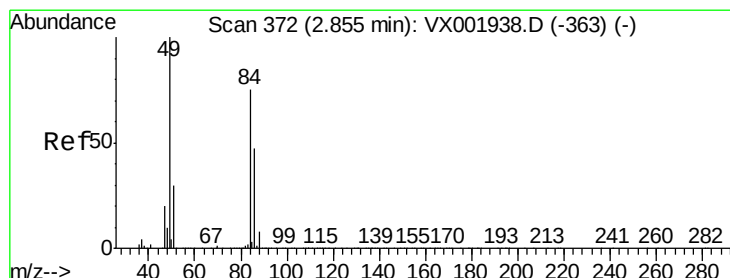
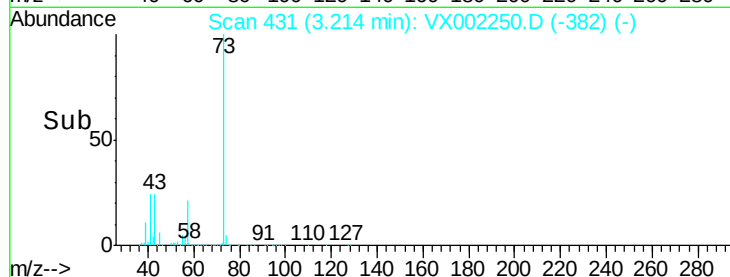
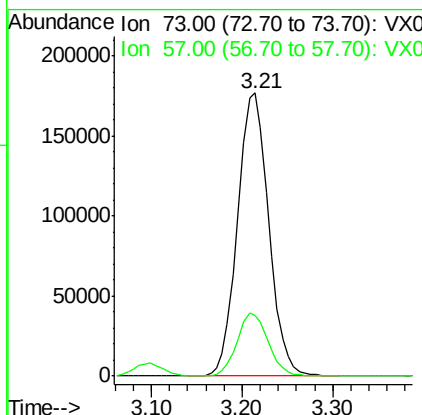
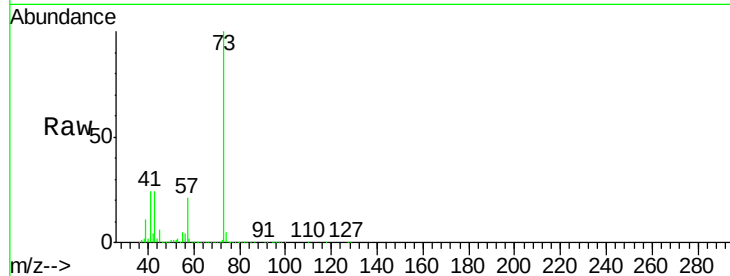




#19
Methyl tert-butyl Ether
Concen: 69.91 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

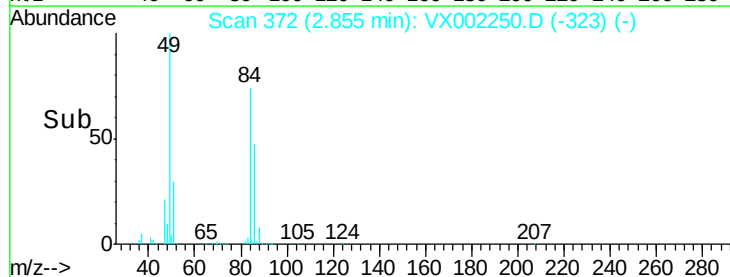
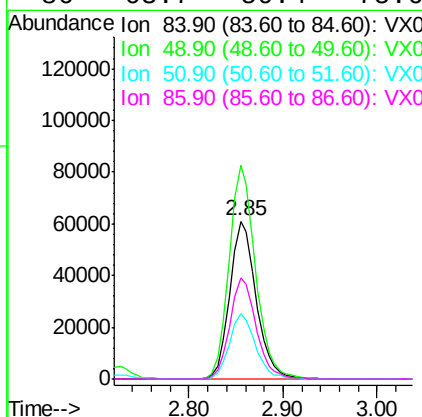
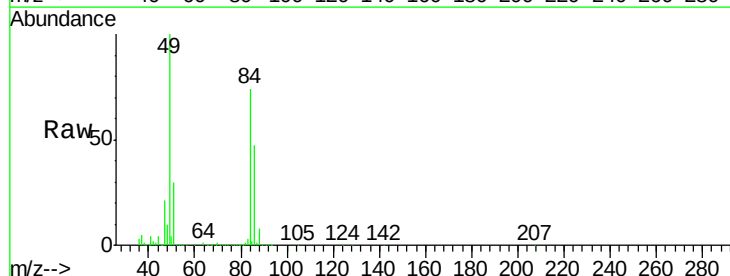
Instrument :
MSVOA_X
ClientSampleId :

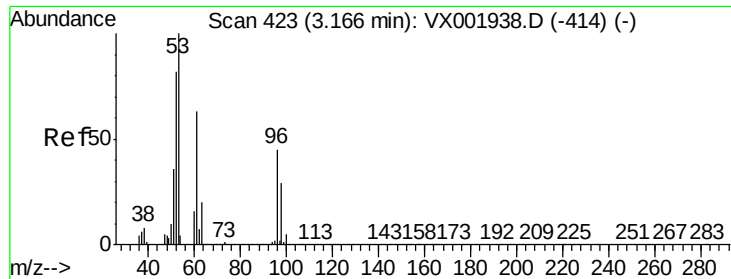
Tot Ion: 73 Resp: 421967
Ion Ratio Lower Upper
73 100
57 21.4 17.4 26.0



#20
Methylene Chloride
Concen: 73.15 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Tgt Ion: 84 Resp: 119029
Ion Ratio Lower Upper
84 100
49 135.0 107.2 160.8
51 40.9 32.4 48.6
86 63.7 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 62.87 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :
MSVOA_X
ClientSampleId :

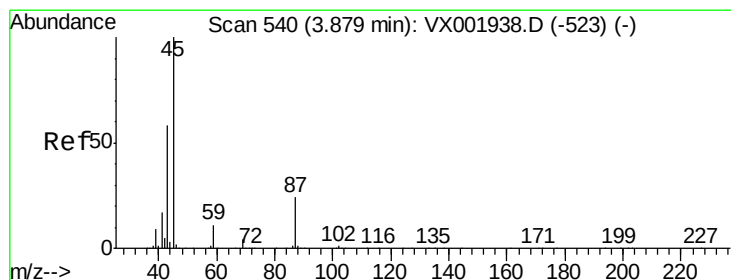
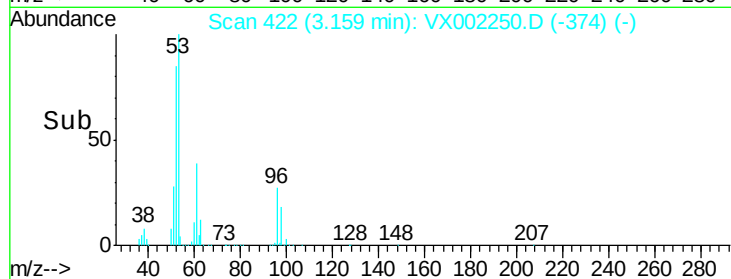
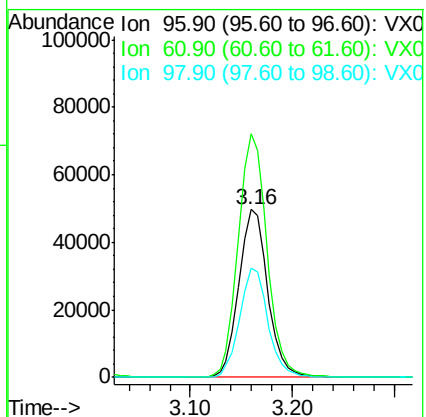
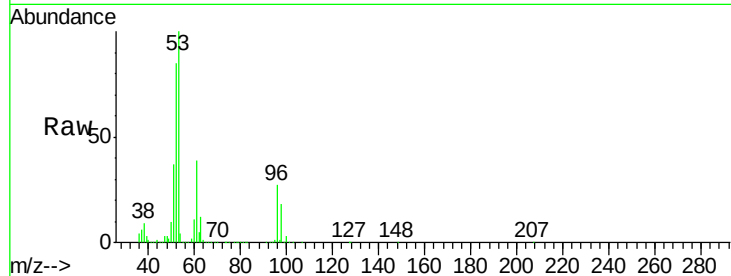
Tot Ion: 96 Resp: 97583

Ion Ratio Lower Upper

96 100

61 145.0 113.3 169.9

98 64.9 51.7 77.5



#22

Diisopropyl ether

Concen: 56.85 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Tgt Ion: 45 Resp: 389550

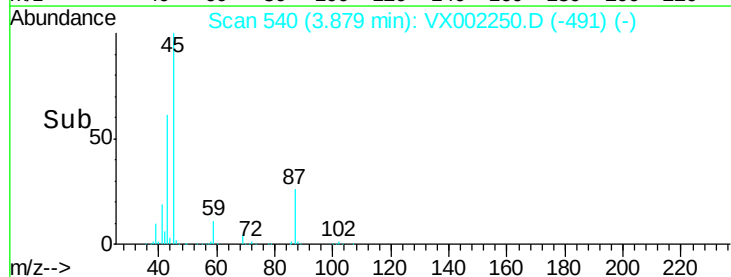
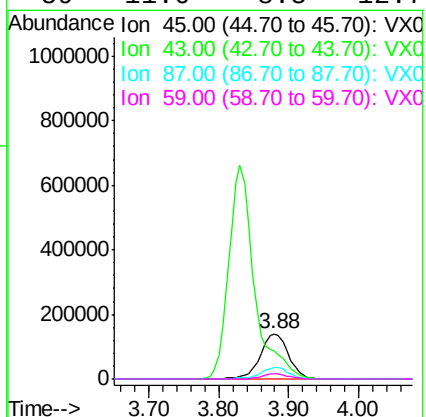
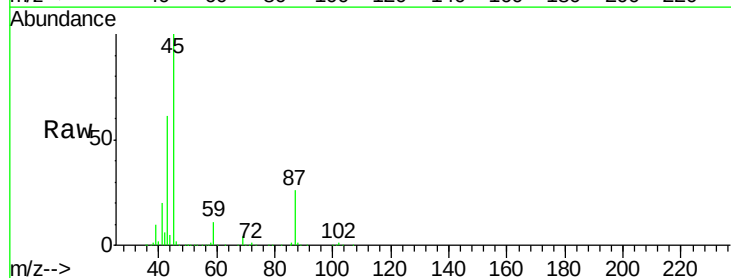
Ion Ratio Lower Upper

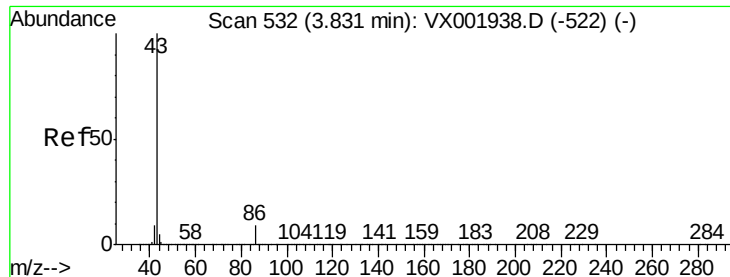
45 100

43 61.1 47.0 70.6

87 25.9 19.4 29.0

59 11.0 8.5 12.7





#23

Vinyl Acetate

Concen: 297.64 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

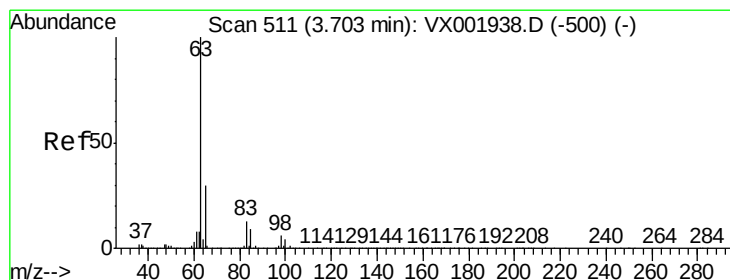
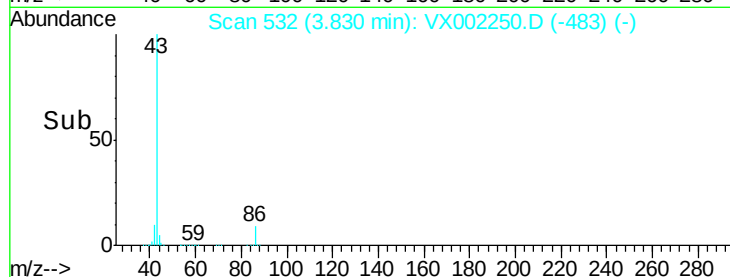
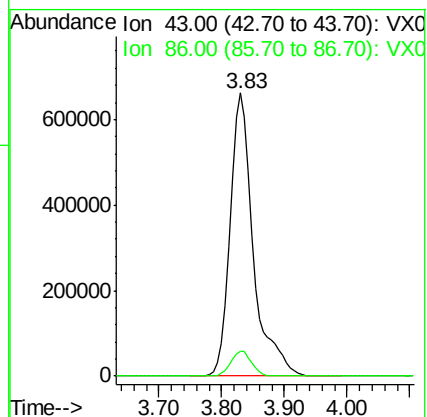
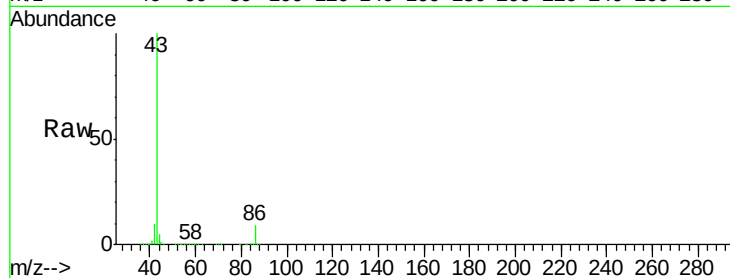
ClientSampleId :

Tot Ion: 43 Resp: 1690833

Ion Ratio Lower Upper

43 100

86 8.9 7.6 11.4



#24

1,1-Dichloroethane

Concen: 66.08 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

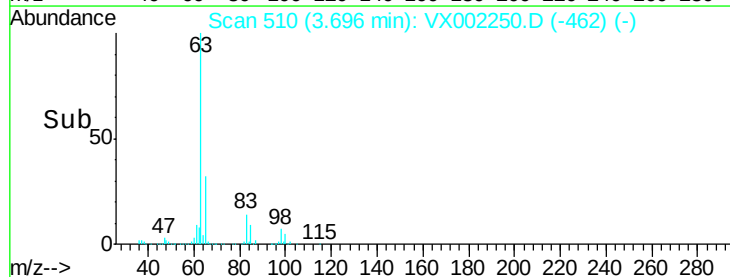
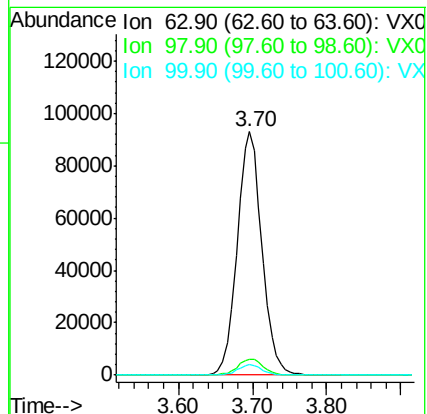
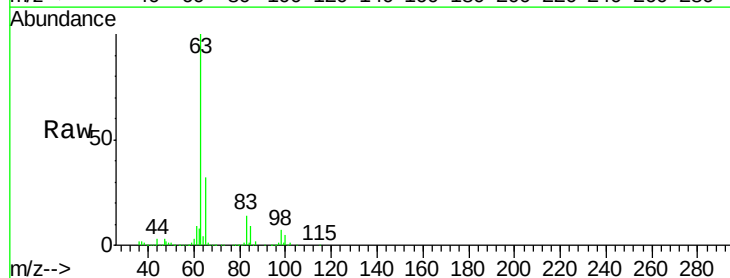
Tgt Ion: 63 Resp: 215087

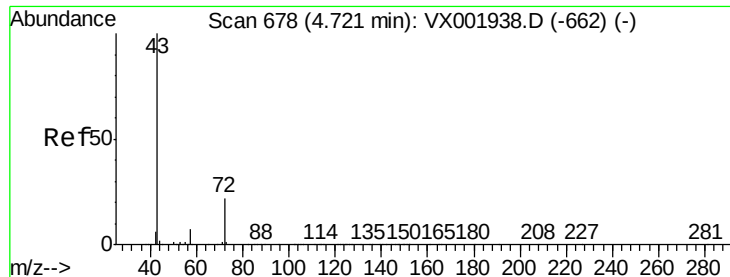
Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 293.60 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

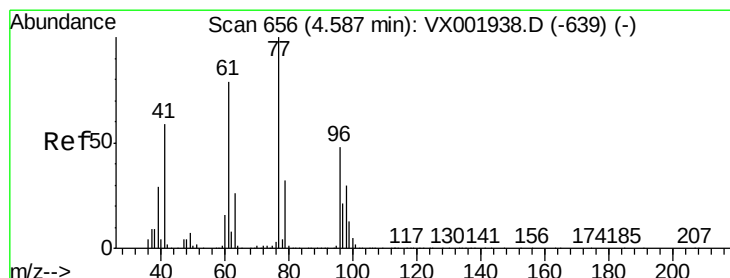
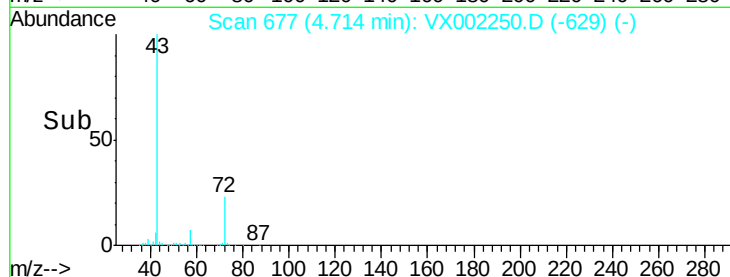
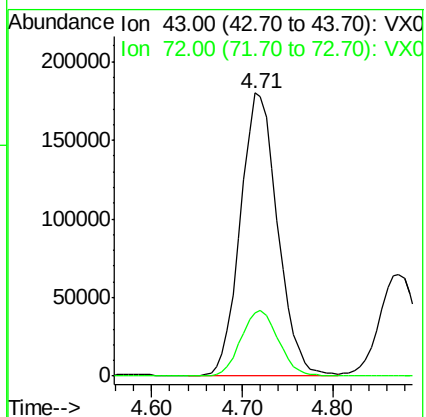
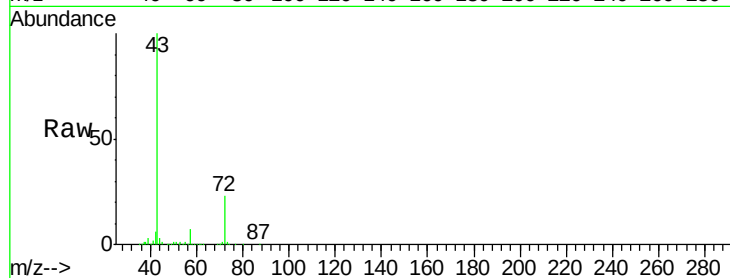
ClientSampled :

Tot Ion: 43 Resp: 511088

Ion Ratio Lower Upper

43 100

72 22.5 17.9 26.9



#26

2,2-Dichloropropane

Concen: 37.65 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002250.D

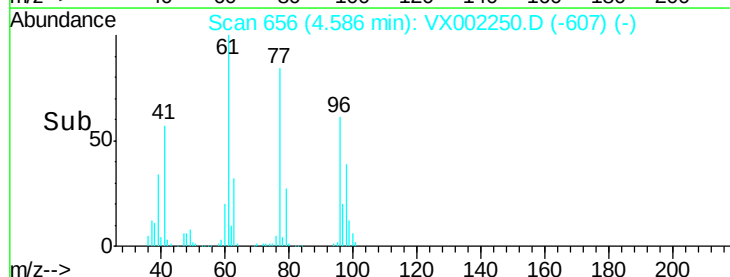
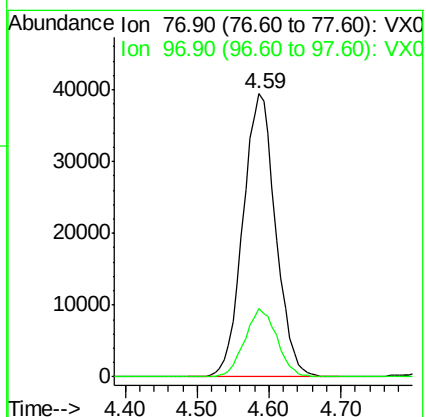
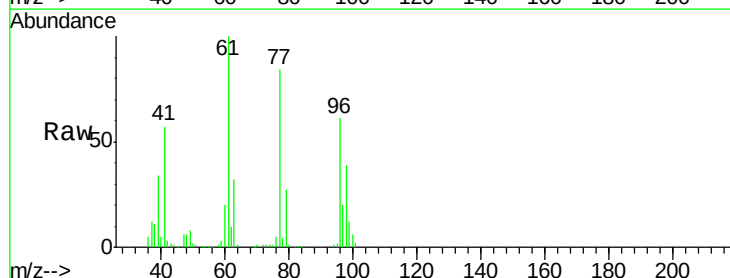
Acq: 02 Jun 2018 20:04

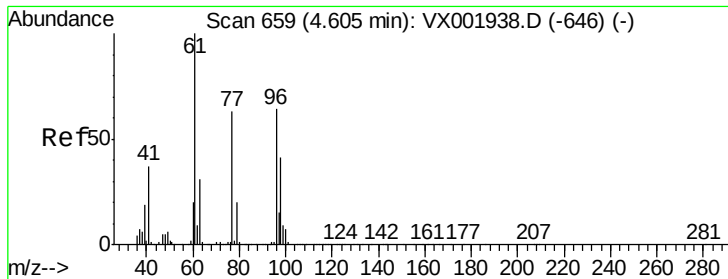
Tgt Ion: 77 Resp: 124039

Ion Ratio Lower Upper

77 100

97 23.7 11.2 33.5



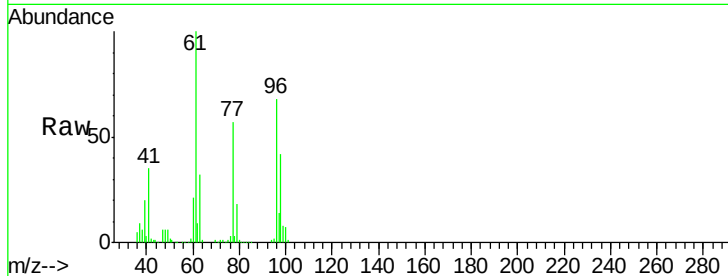


#27

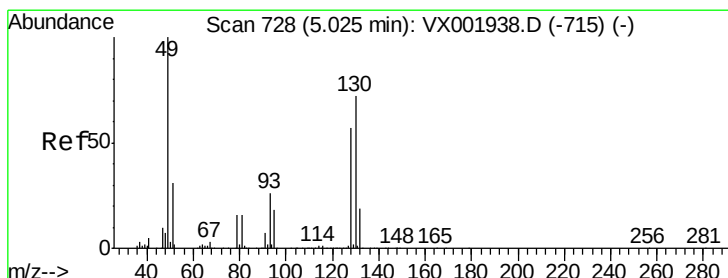
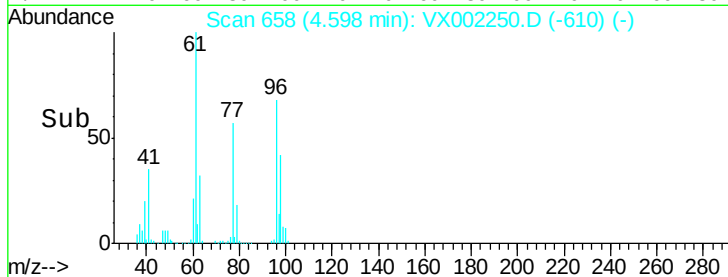
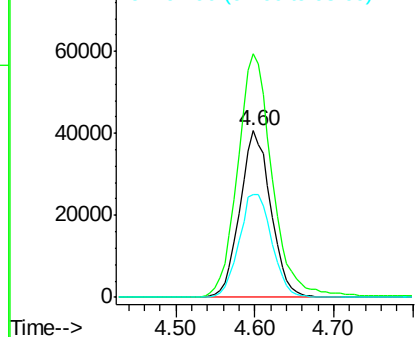
cis-1,2-Dichloroethene
Concen: 52.76 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	164.5	0.0	348.4
98	66.1	0.0	128.6



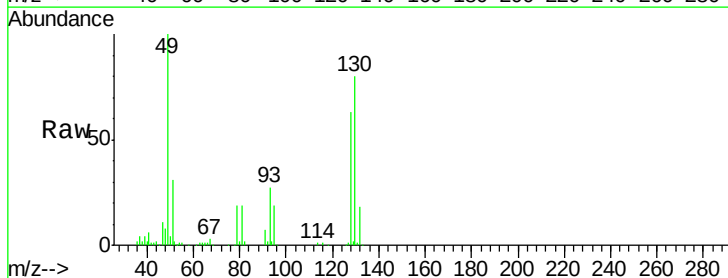
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



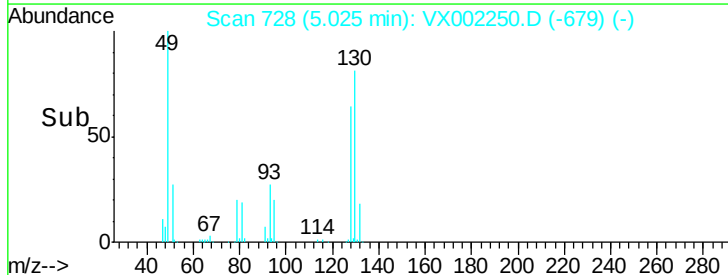
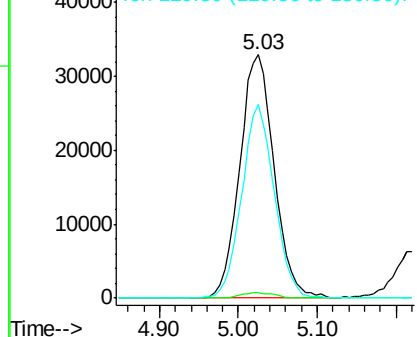
#28

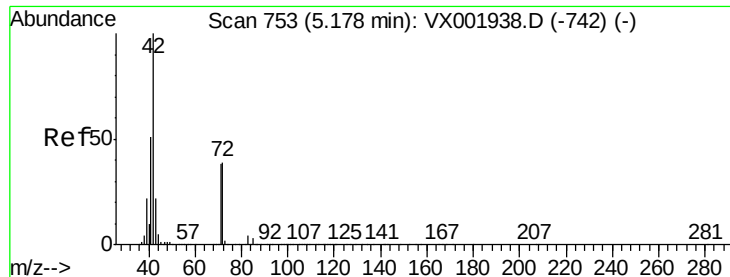
Bromochloromethane
Concen: 73.98 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.8
130	75.3	59.4	89.2



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





#29

Tetrahydrofuran

Concen: 316.31 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

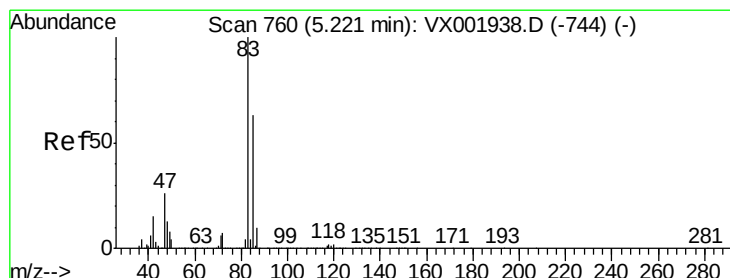
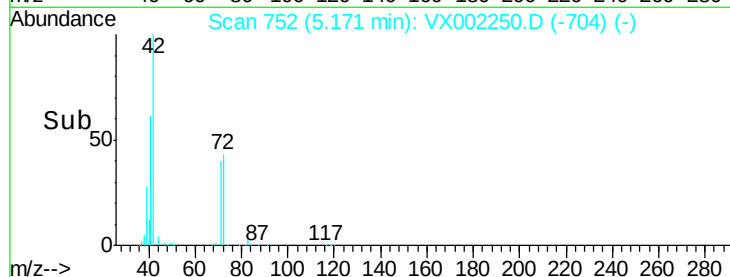
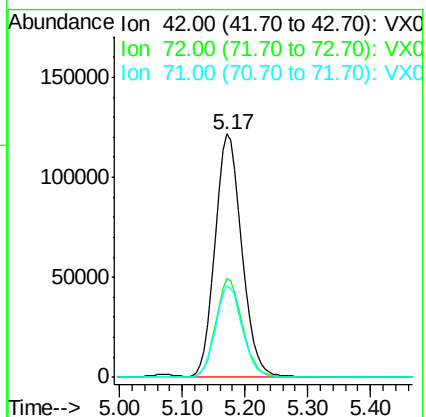
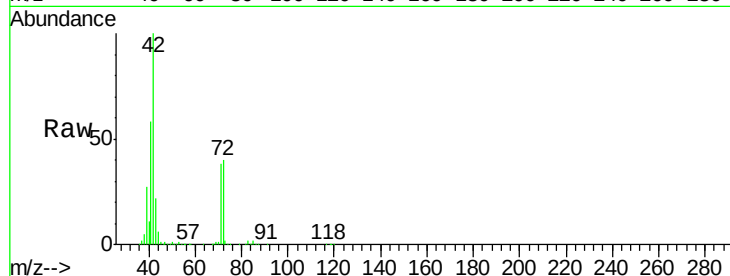
Tot Ion: 42 Resp: 358242

Ion Ratio Lower Upper

42 100

72 40.5 31.4 47.0

71 37.9 29.5 44.3



#30

Chloroform

Concen: 55.17 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002250.D

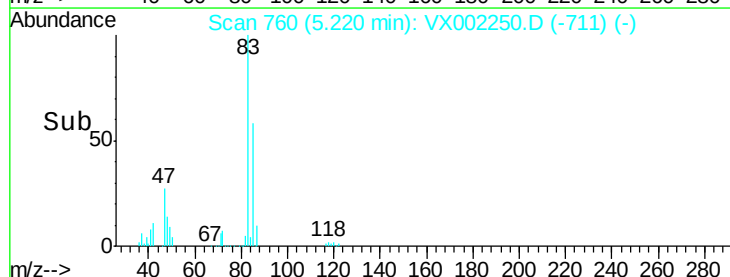
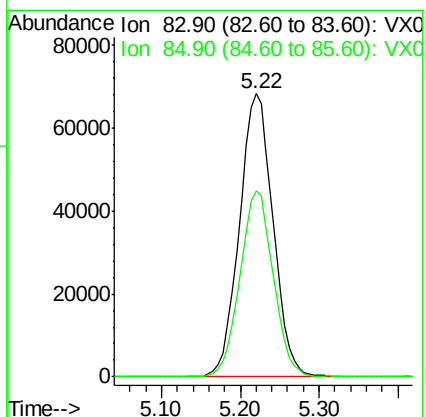
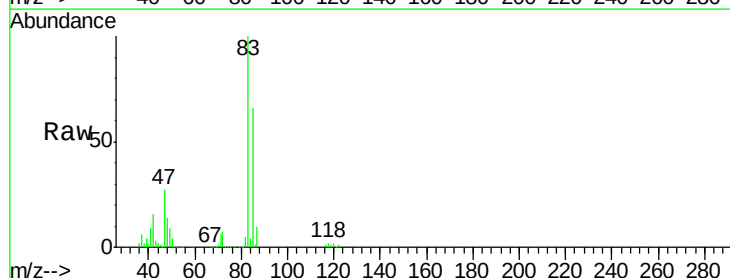
Acq: 02 Jun 2018 20:04

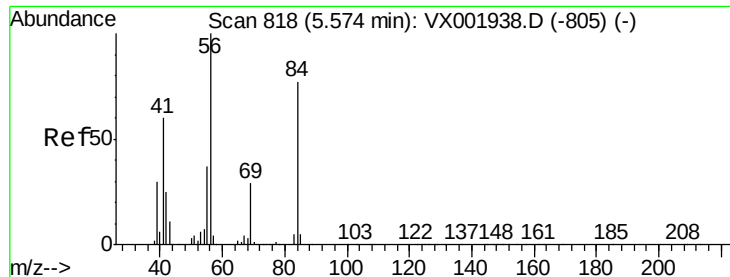
Tgt Ion: 83 Resp: 202293

Ion Ratio Lower Upper

83 100

85 65.8 50.9 76.3





#31

Cyclohexane

Concen: 40.11 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

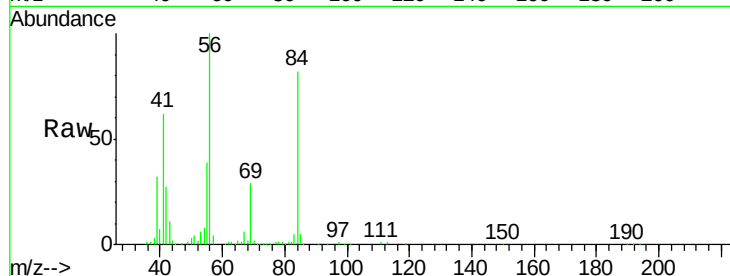
Tot Ion: 56 Resp: 136018

Ion Ratio Lower Upper

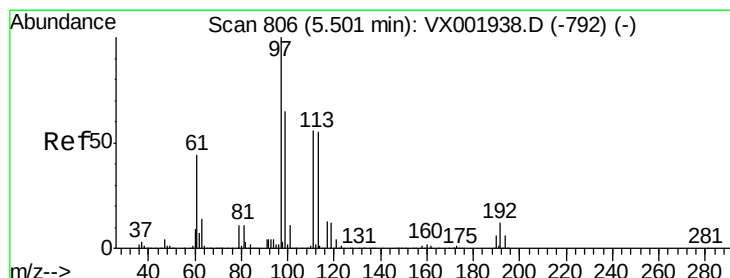
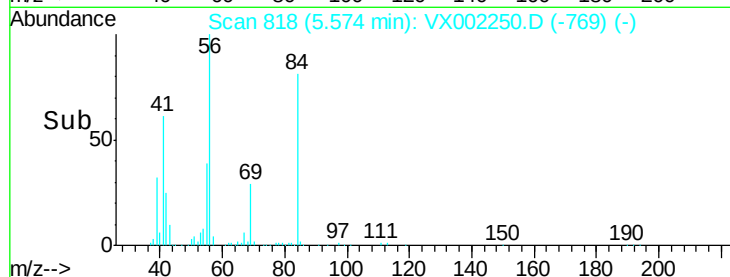
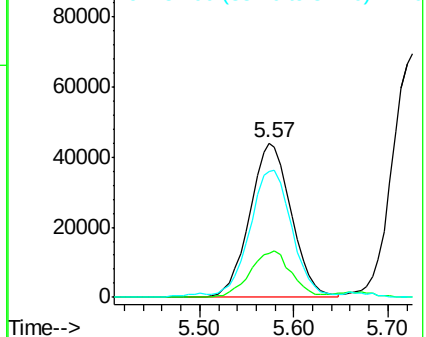
56 100

69 28.5 23.1 34.7

84 80.1 62.0 93.0



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



#32

1,1,1-Trichloroethane

Concen: 46.65 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

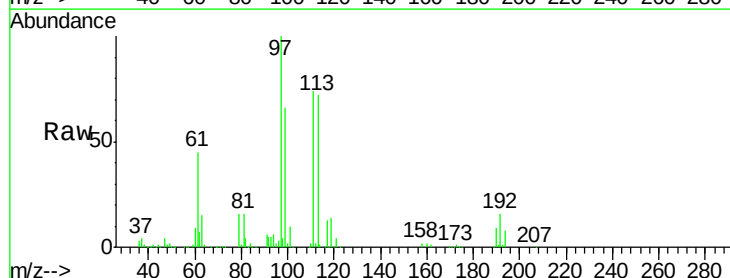
Tgt Ion: 97 Resp: 159489

Ion Ratio Lower Upper

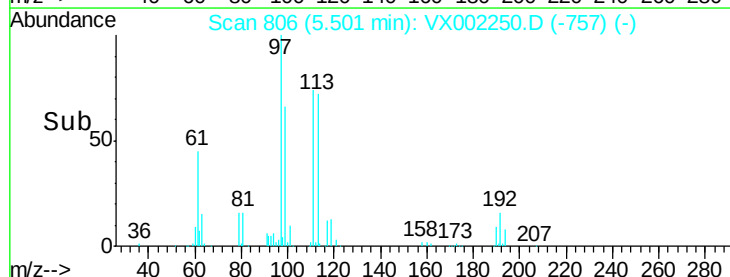
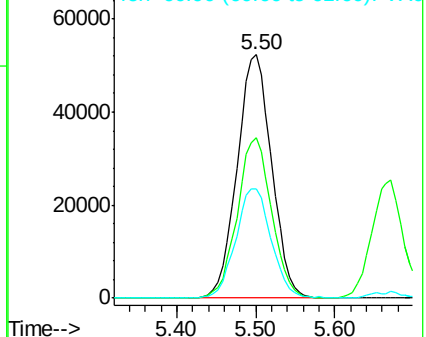
97 100

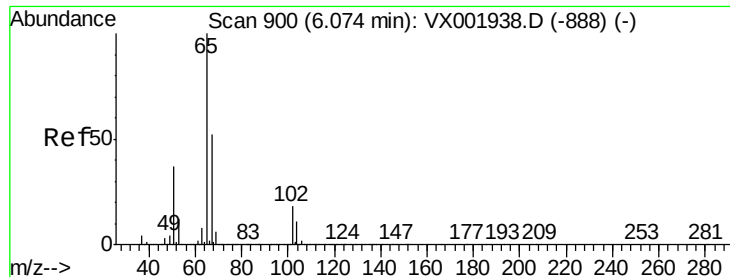
99 65.5 51.9 77.9

61 46.3 35.9 53.9



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

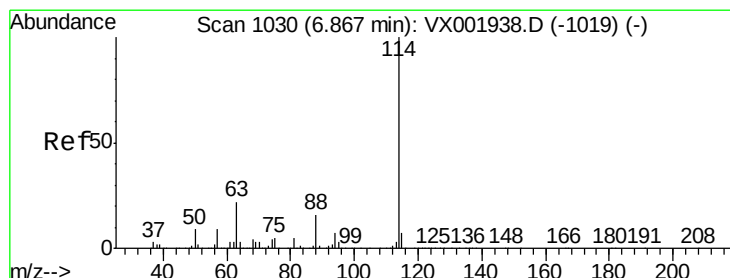
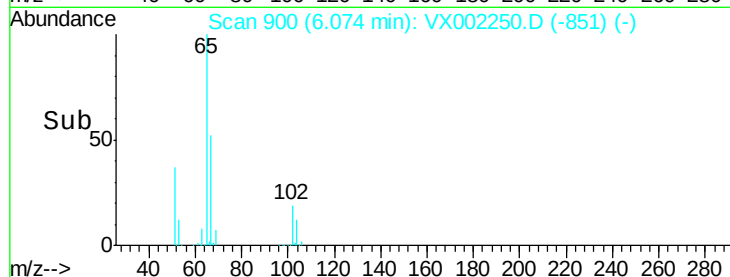
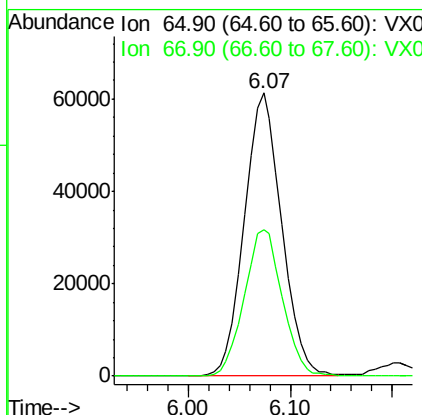
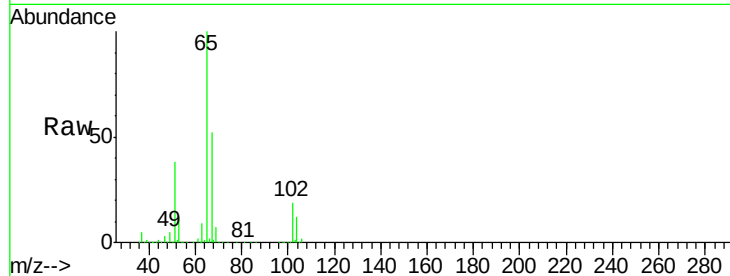




#33
 1,2-Dichloroethane-d4
 Concen: 63.42 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002250.D
 Acq: 02 Jun 2018 20:04

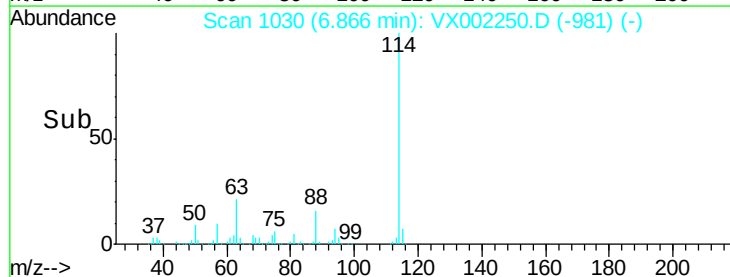
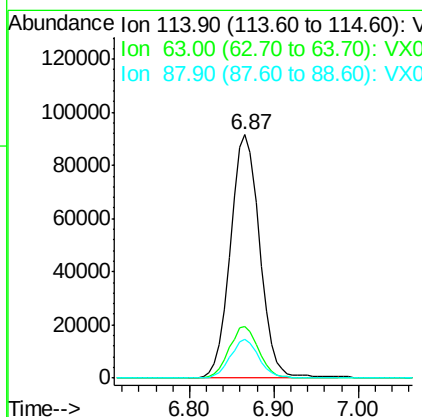
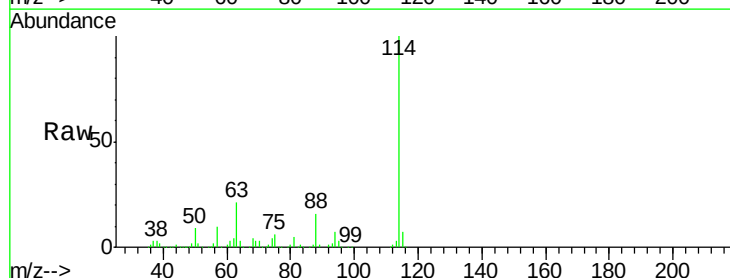
Instrument :
 MSVOA_X
 ClientSampleId :

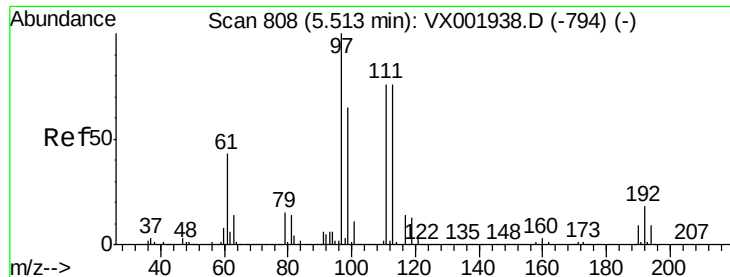
Tot Ion: 65 Resp: 156085
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002250.D
 Acq: 02 Jun 2018 20:04

Tgt Ion: 114 Resp: 215369
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.2
 88 15.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 54.37 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

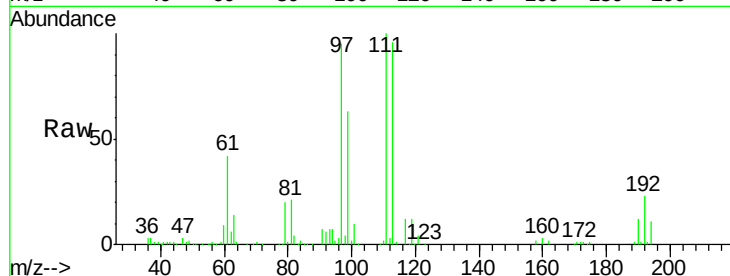
Tot Ion:113 Resp: 117096

Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

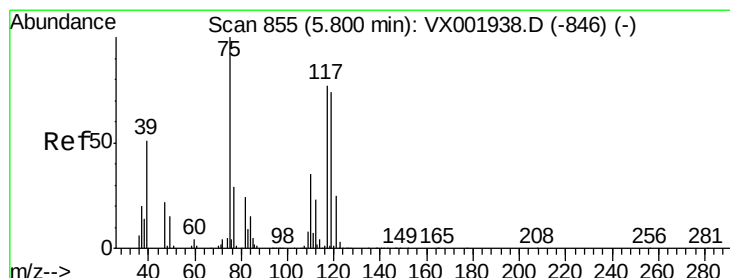
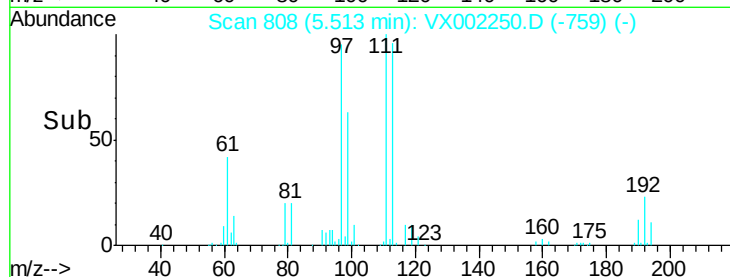
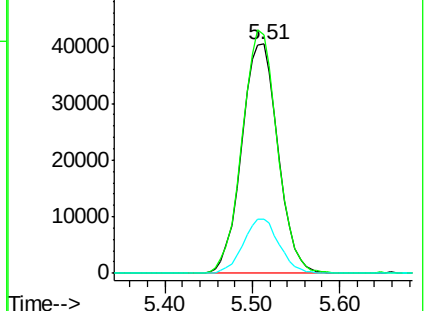
192 23.4 18.9 28.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 40.71 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

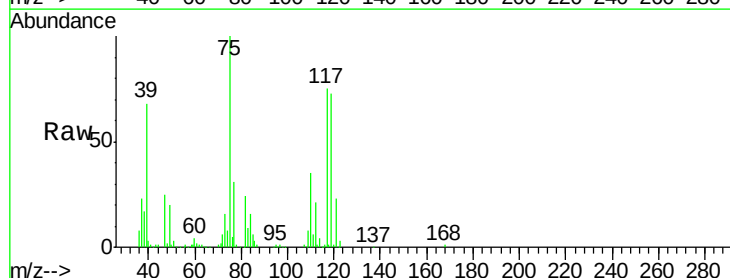
Tgt Ion: 75 Resp: 121947

Ion Ratio Lower Upper

75 100

110 36.6 17.4 52.2

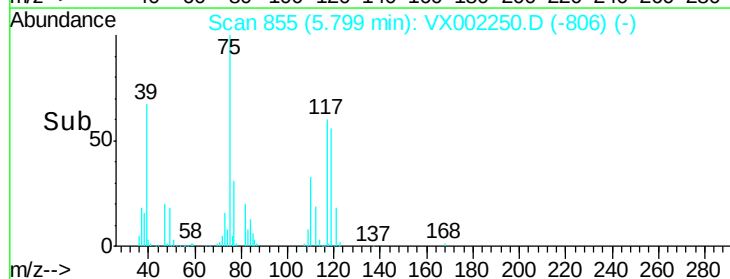
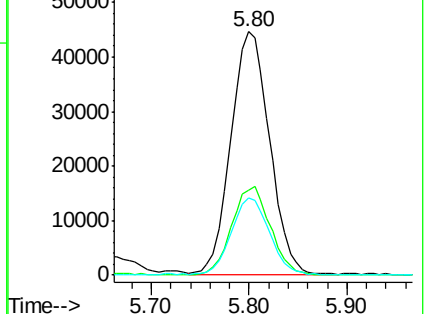
77 31.1 24.4 36.6

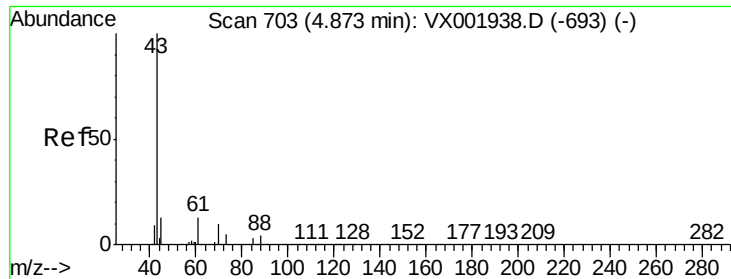


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

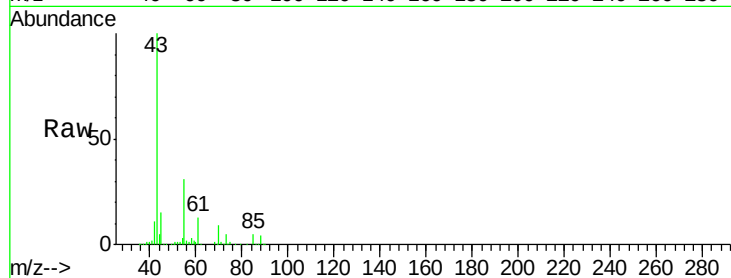




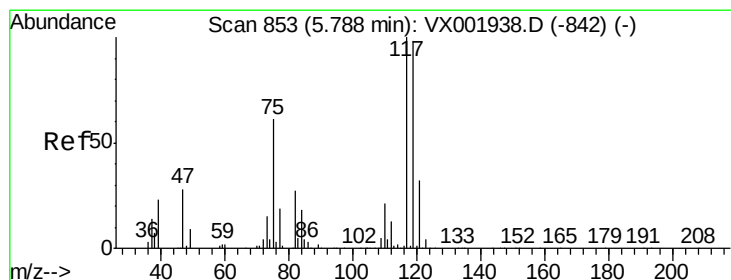
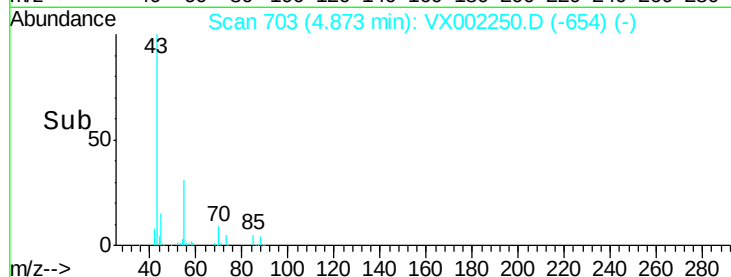
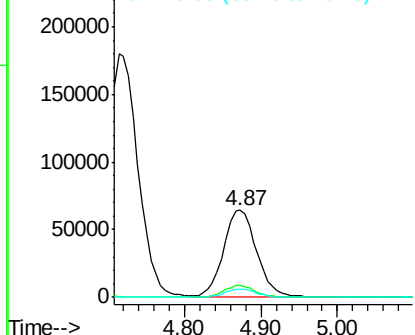
#37
Ethyl Acetate
Concen: 49.23 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	43	Resp	192255
Ion Ratio	Lower	Upper	
43	100		
61	12.4	10.2	15.2
70	9.3	7.8	11.8

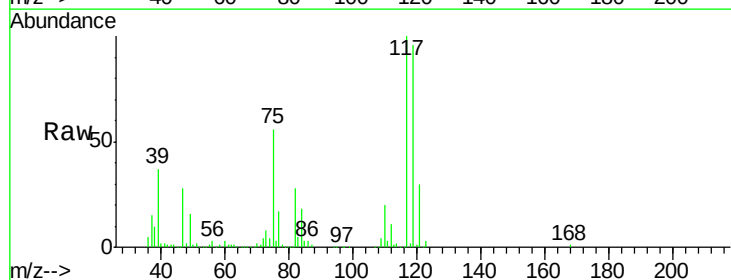


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

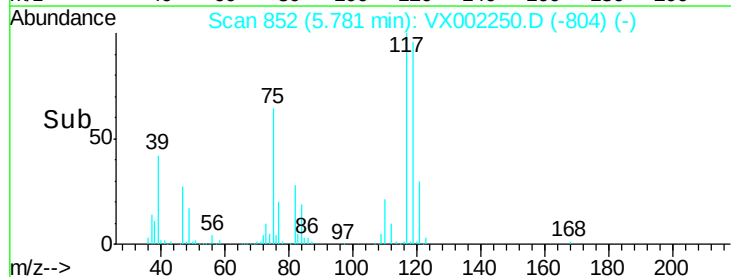
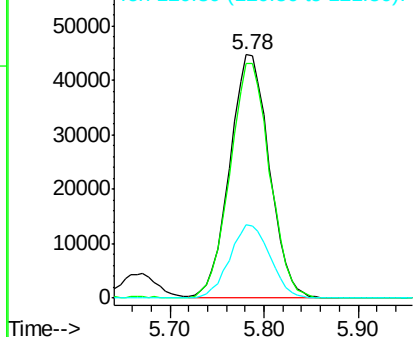


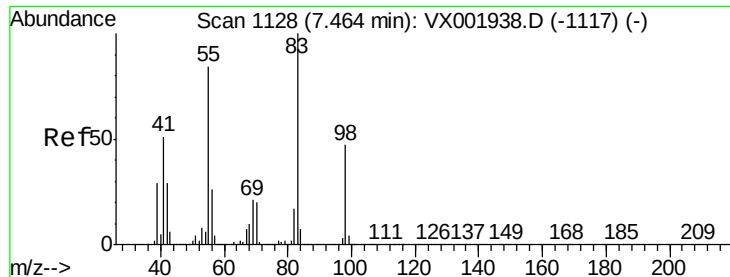
#38
Carbon Tetrachloride
Concen: 37.42 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Tgt Ion	117	Resp	130735
Ion Ratio	Lower	Upper	
117	100		
119	96.5	78.5	117.7
121	30.0	25.5	38.3



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

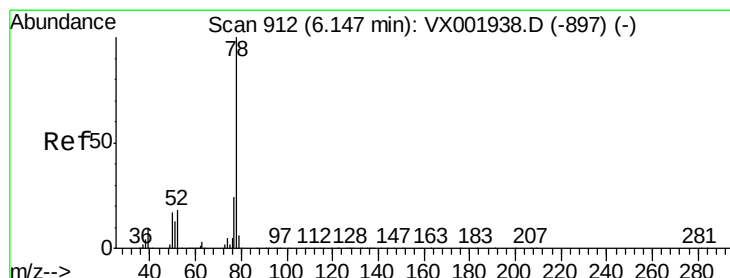
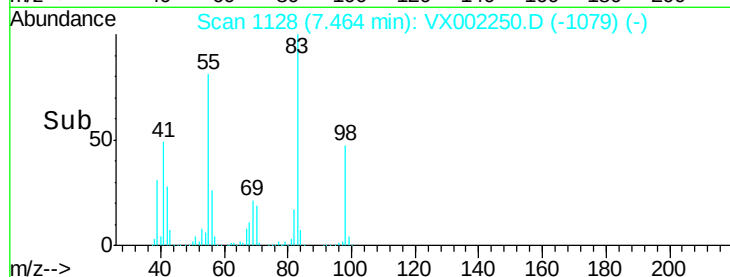
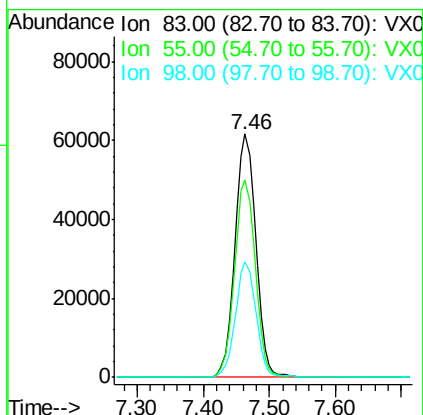
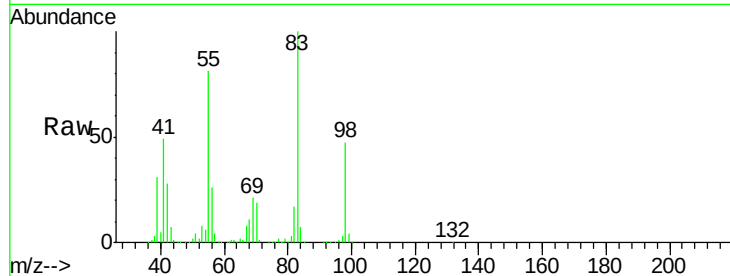




#39
Methylvlcyclohexane
Concen: 36.82 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

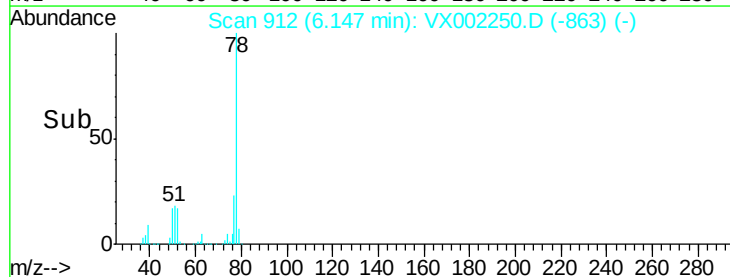
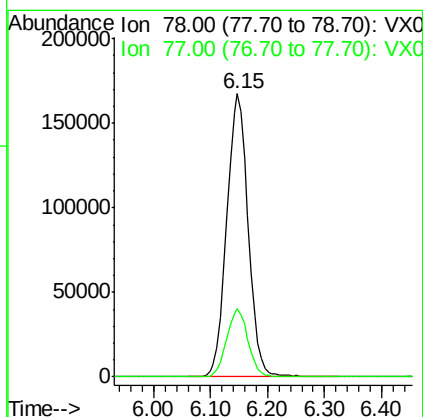
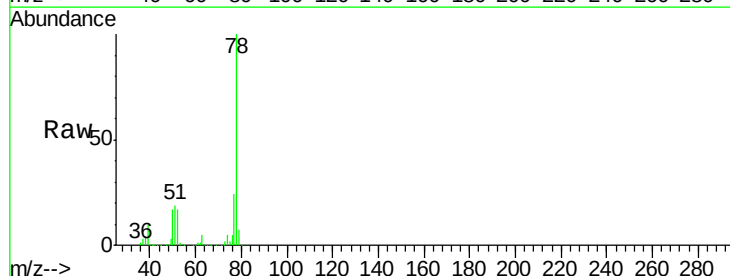
Instrument :
MSVOA_X
ClientSampled :

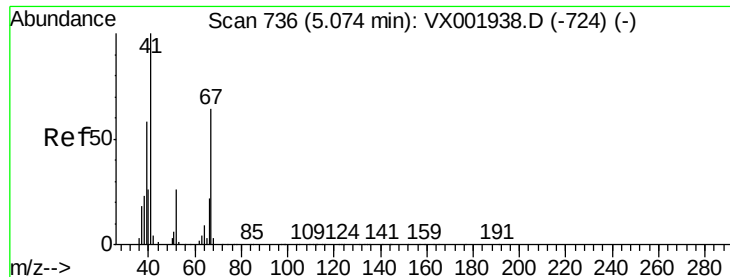
Tot Ion	83.00	Resp:	135498
Ion	Ratio	Lower	Upper
83	100		
55	81.0	67.3	100.9
98	47.3	37.5	56.3



#40
Benzene
Concen: 50.02 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Tgt Ion	78	Resp:	438965
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7

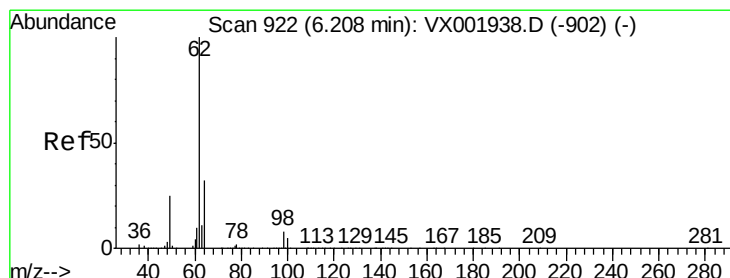
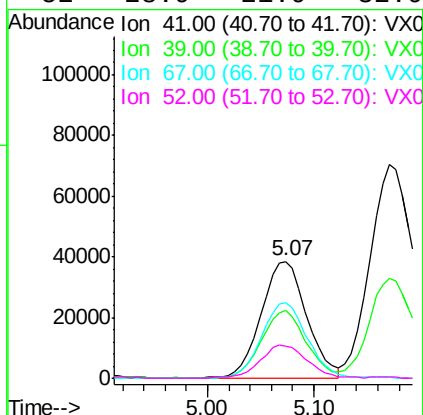
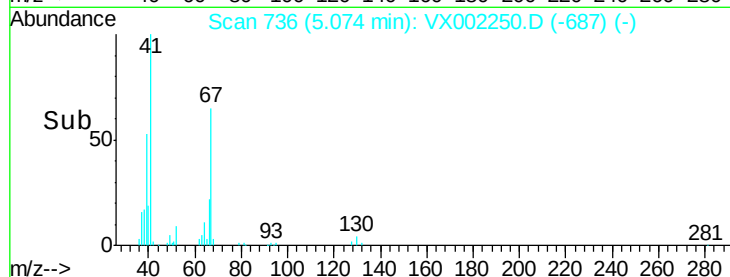
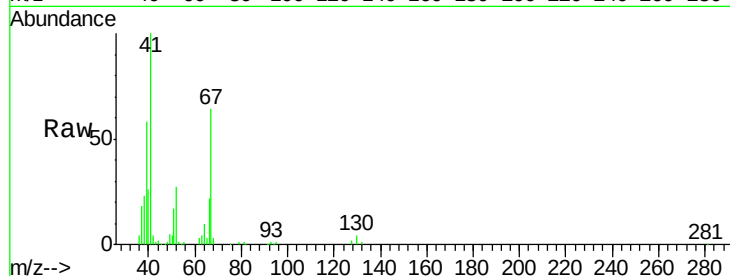




#41
Methacrylonitrile
Concen: 55.57 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

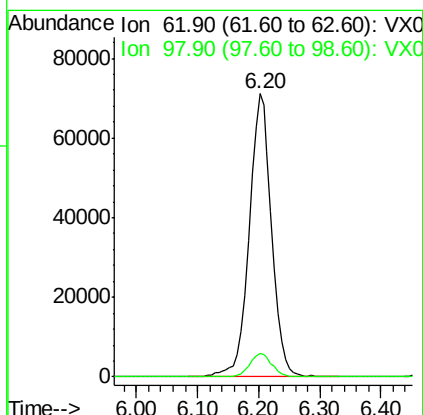
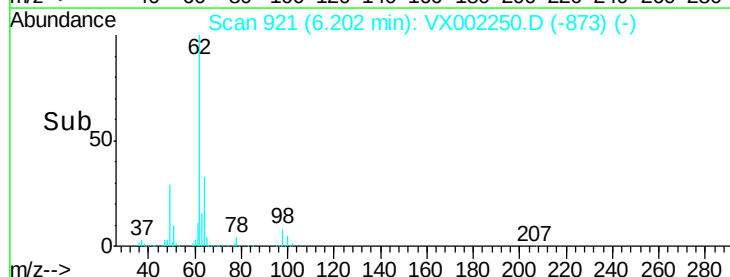
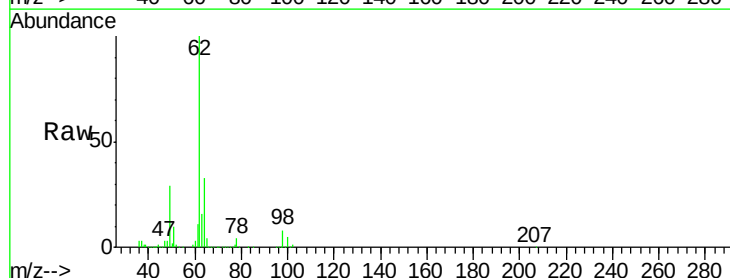
Instrument :
MSVOA_X
ClientSampleId :

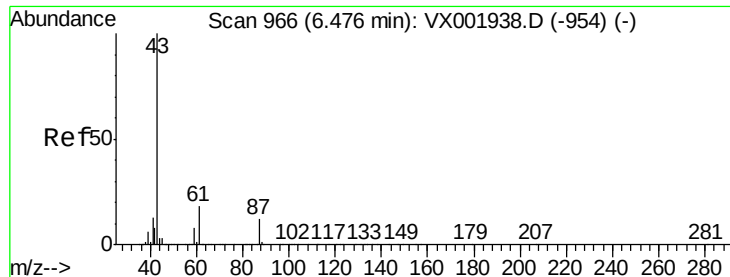
Tot Ion:	41	Resp:	114223
Ion	Ratio	Lower	Upper
41	100		
39	56.9	46.0	69.0
67	65.2	50.6	75.8
52	28.9	21.9	32.9



#42
1,2-Dichloroethane
Concen: 51.93 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Tgt Ion:	62	Resp:	182058
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.0



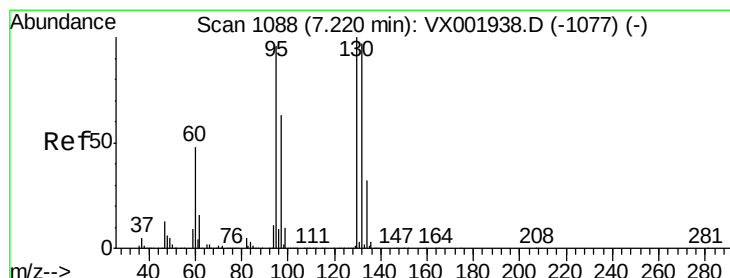
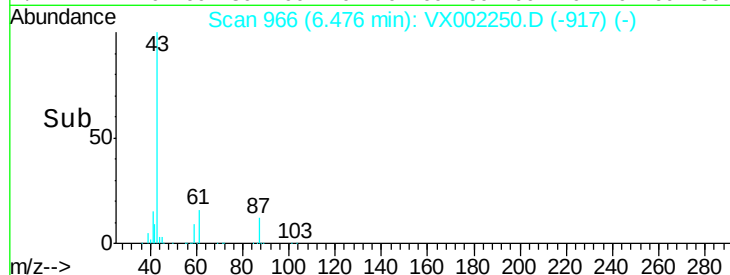
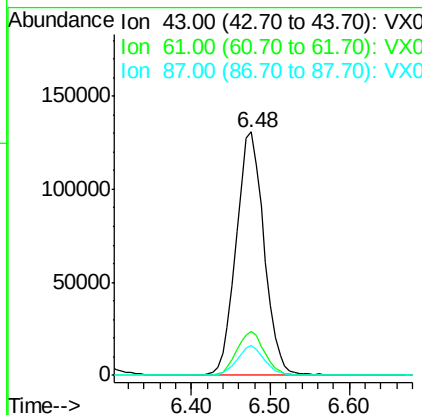
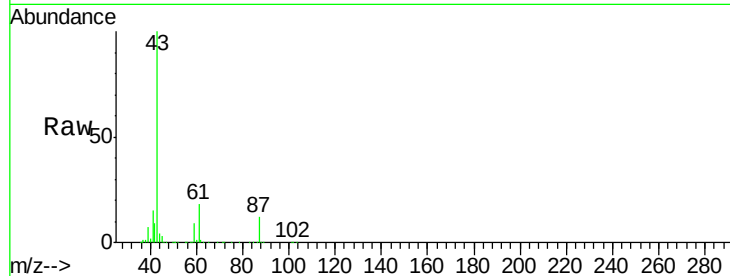


#43

Isopropyl Acetate
 Concen: 49.24 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX002250.D
 Acq: 02 Jun 2018 20:04

Instrument :
 MSVOA_X
 ClientSampleId :

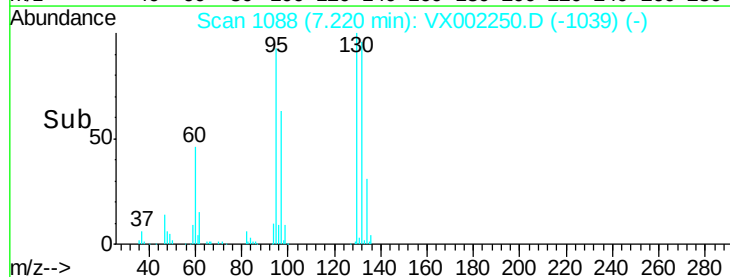
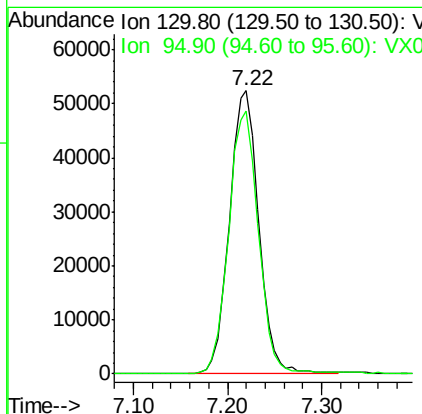
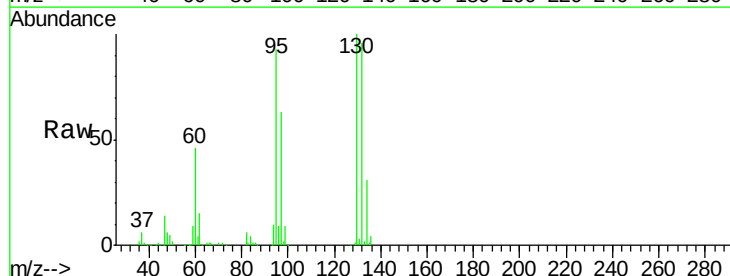
Tot Ion	43	Resp	320437
Ion Ratio	Lower	Upper	
43	100		
61	18.1	14.5	21.7
87	11.9	9.5	14.3

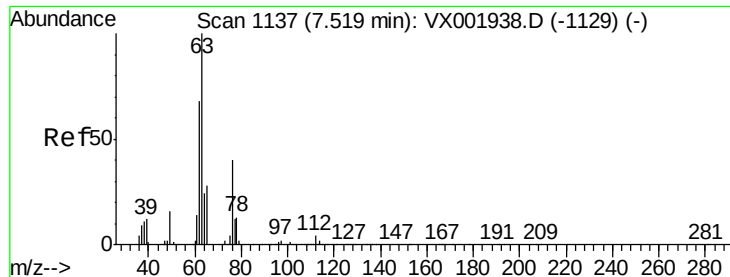


#44

Trichloroethene
 Concen: 44.33 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX002250.D
 Acq: 02 Jun 2018 20:04

Tgt Ion	130	Resp	113362
Ion Ratio	Lower	Upper	
130	100		
95	92.9	0.0	192.0





#45

1,2-Dichloropropane

Concen: 51.61 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

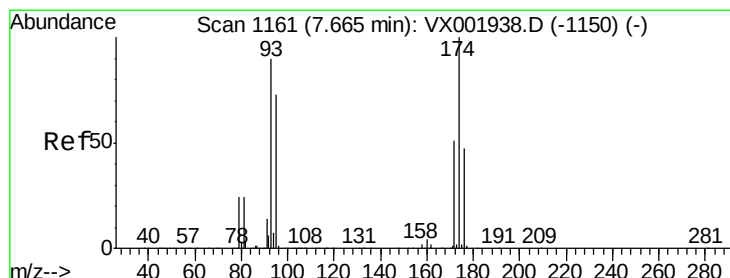
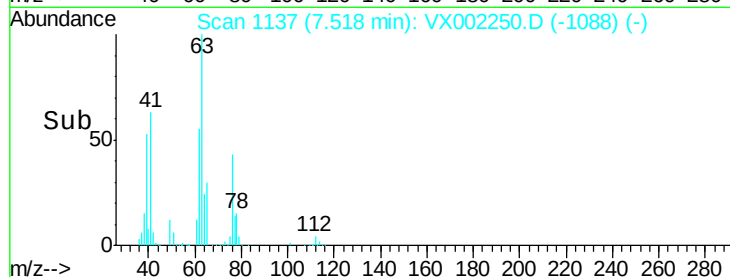
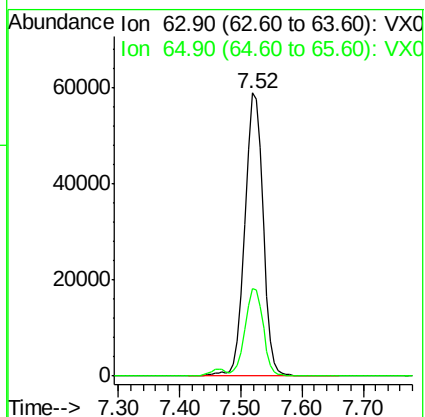
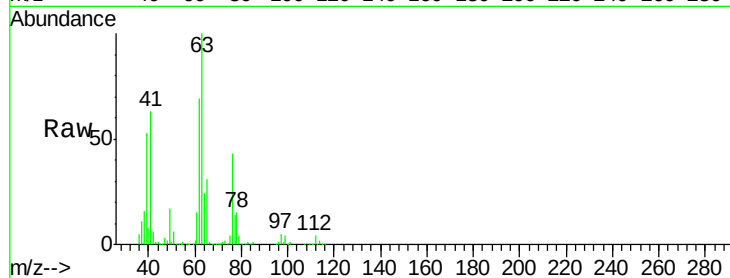
ClientSampleId :

Tot Ion: 63 Resp: 123021

Ion Ratio Lower Upper

63 100

65 30.8 24.1 36.1



#46

Dibromomethane

Concen: 52.86 ug/l

RT: 7.66 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

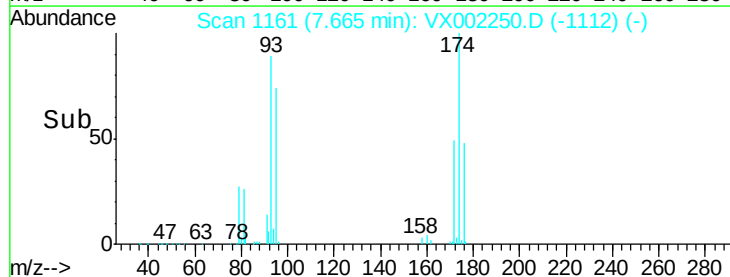
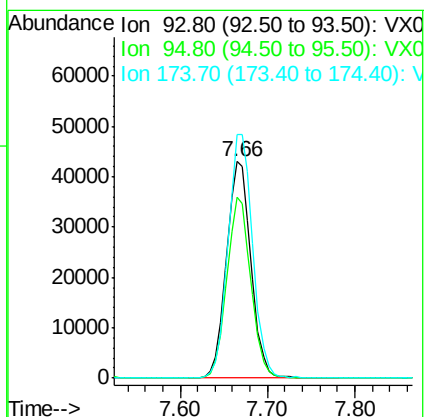
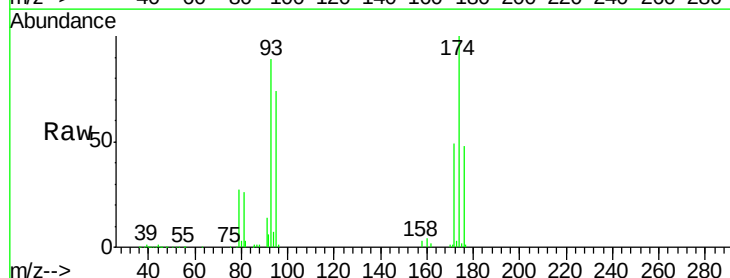
Tgt Ion: 93 Resp: 83421

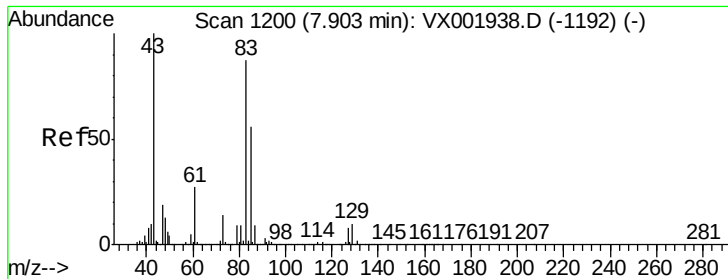
Ion Ratio Lower Upper

93 100

95 82.3 66.1 99.1

174 114.0 92.5 138.7





#47

Bromodichloromethane

Concen: 43.60 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :
MSVOA_X
ClientSampleId :

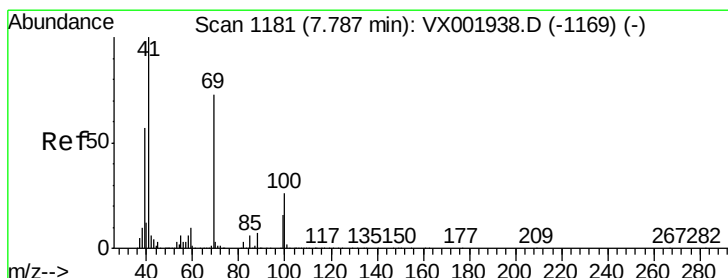
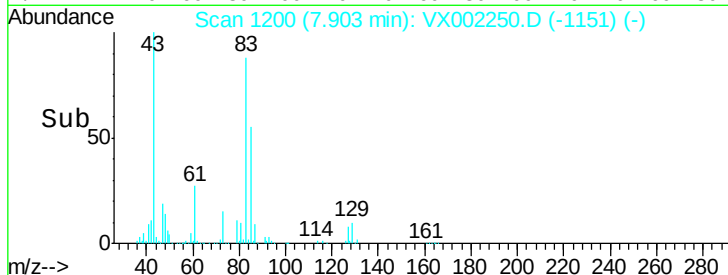
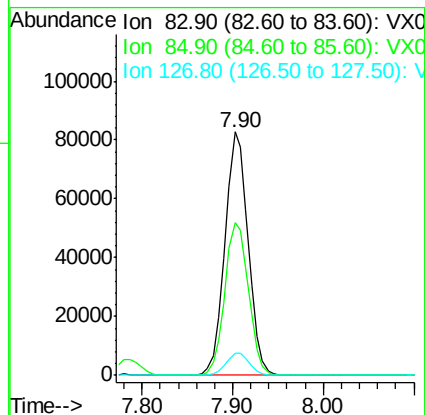
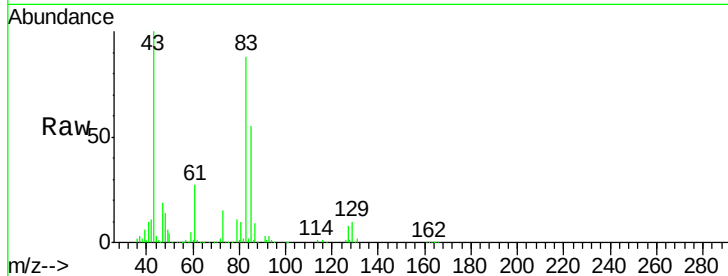
Tot Ion: 83 Resp: 146711

Ion Ratio Lower Upper

83 100

85 62.7 51.4 77.2

127 8.9 7.1 10.7



#48

Methyl methacrylate

Concen: 50.83 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

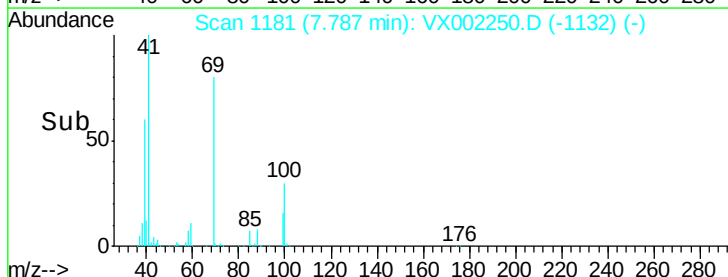
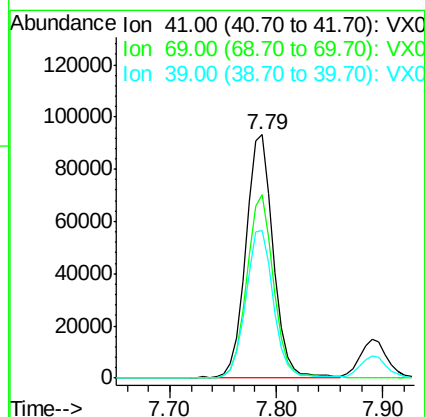
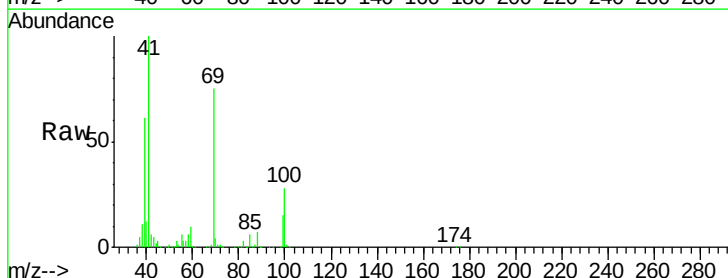
Tgt Ion: 41 Resp: 168365

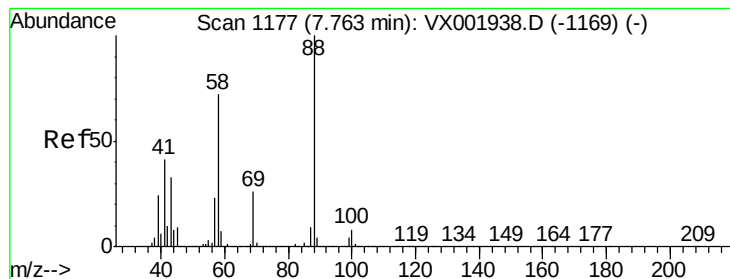
Ion Ratio Lower Upper

41 100

69 74.2 58.6 87.8

39 60.9 46.3 69.5





#49

1,4-Dioxane

Concen: 1039.22 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :
MSVOA_X
ClientSampled :

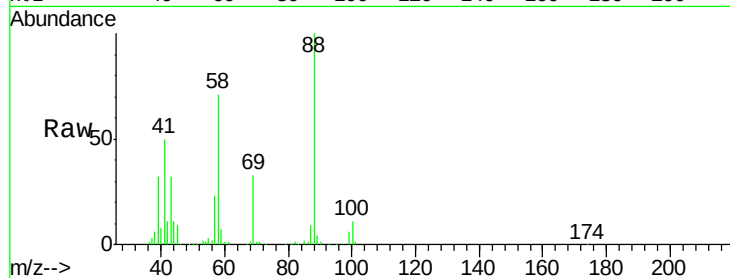
Tot Ion: 88 Resp: 60653

Ion Ratio Lower Upper

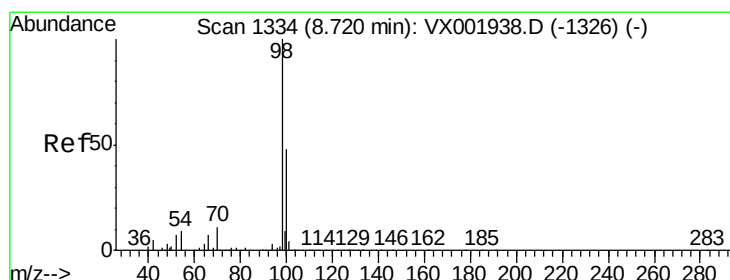
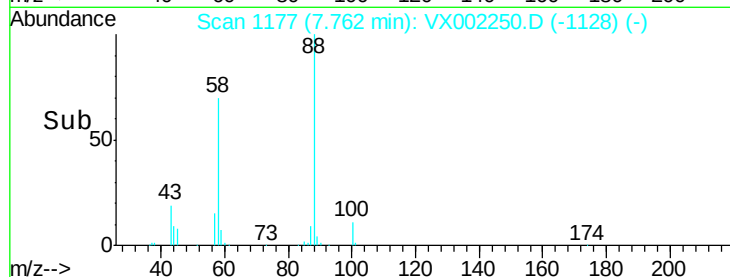
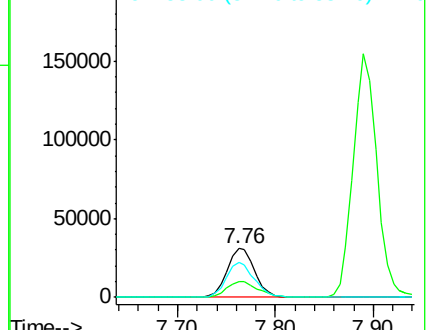
88 100

43 36.6 29.8 44.8

58 72.5 58.7 88.1



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 54.71 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002250.D

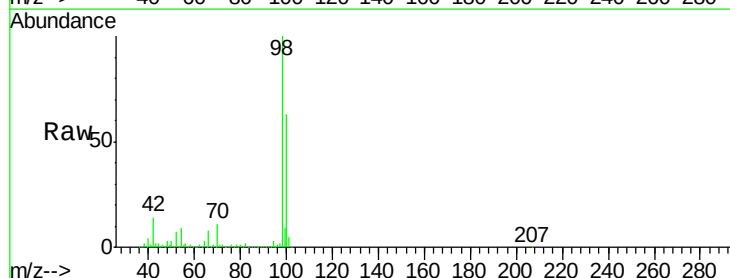
Acq: 02 Jun 2018 20:04

Tgt Ion: 98 Resp: 426570

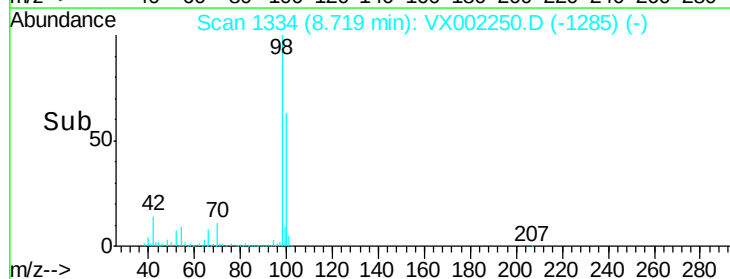
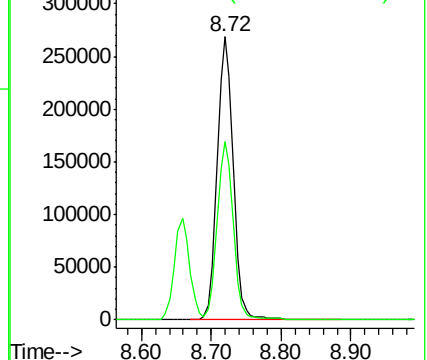
Ion Ratio Lower Upper

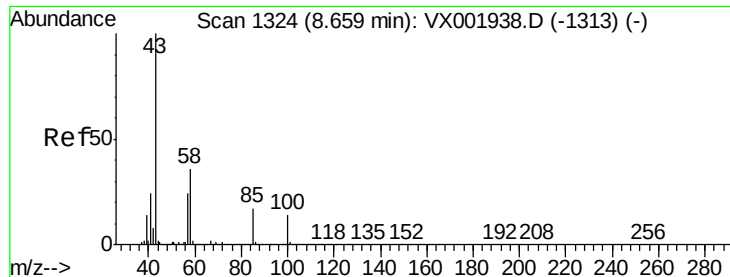
98 100

100 63.5 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 281.44 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

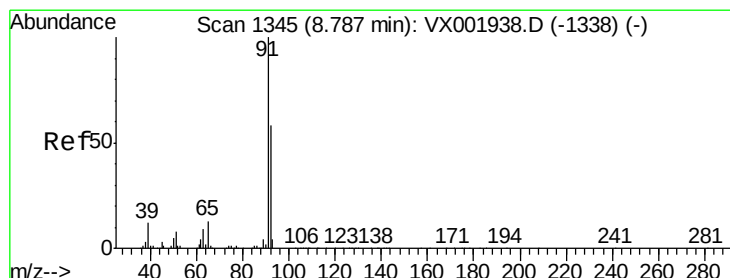
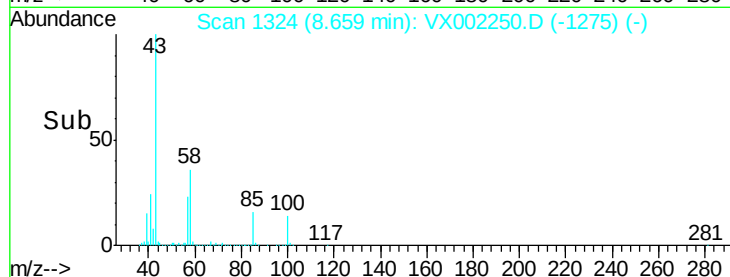
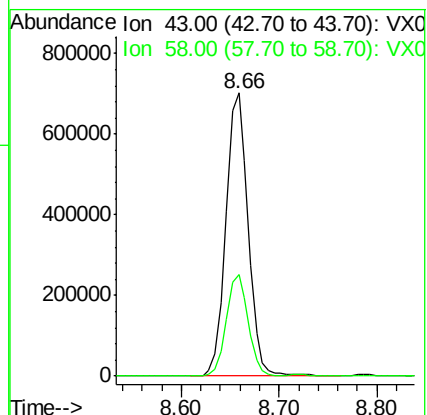
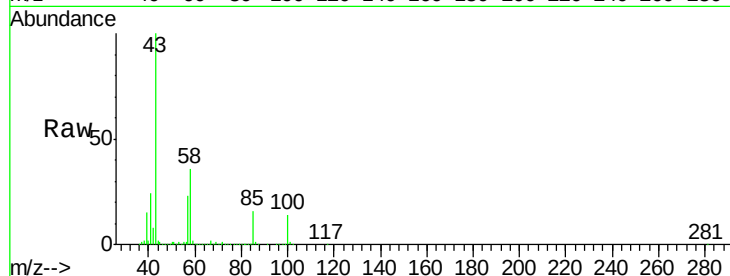
ClientSampleId :

Tot Ion: 43 Resp: 1104017

Ion Ratio Lower Upper

43 100

58 35.4 28.5 42.7



#52

Toluene

Concen: 48.28 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002250.D

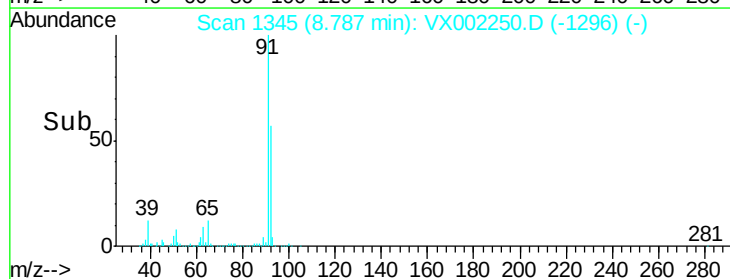
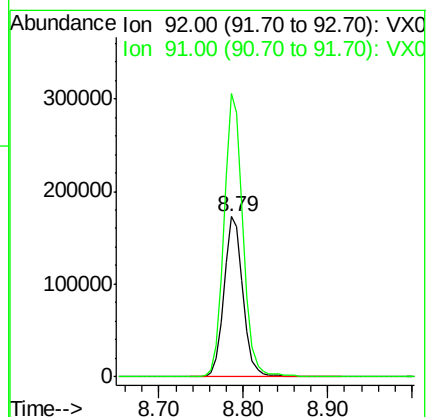
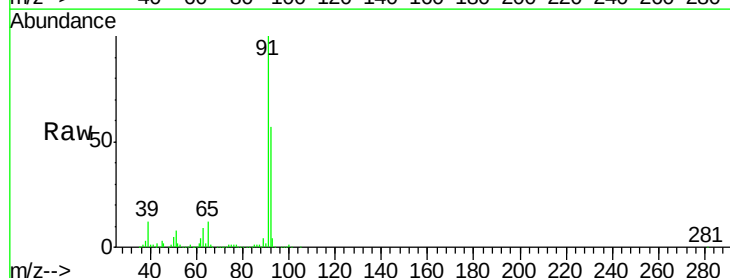
Acq: 02 Jun 2018 20:04

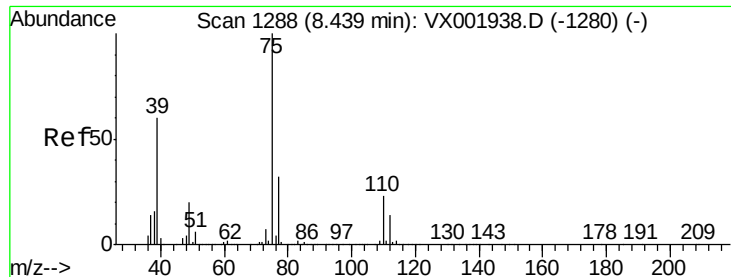
Tgt Ion: 92 Resp: 269651

Ion Ratio Lower Upper

92 100

91 176.2 139.4 209.2

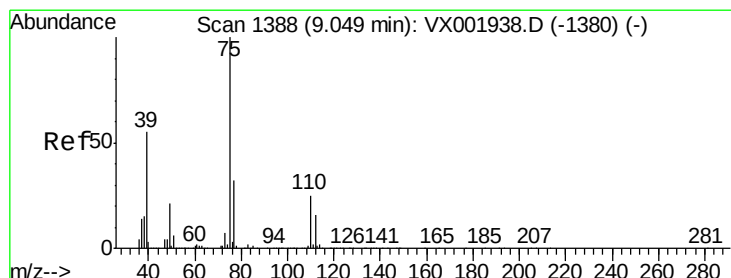
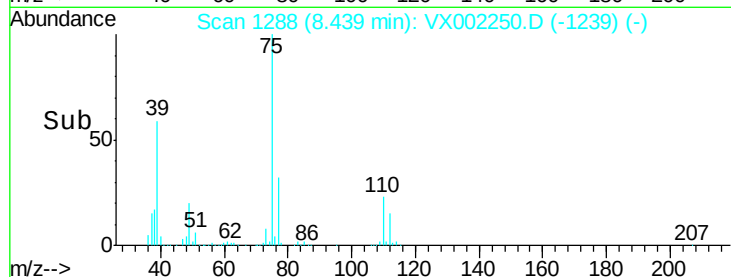
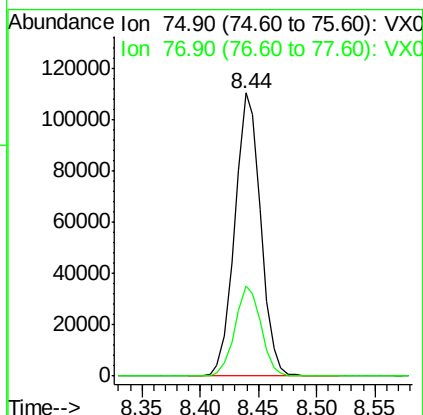
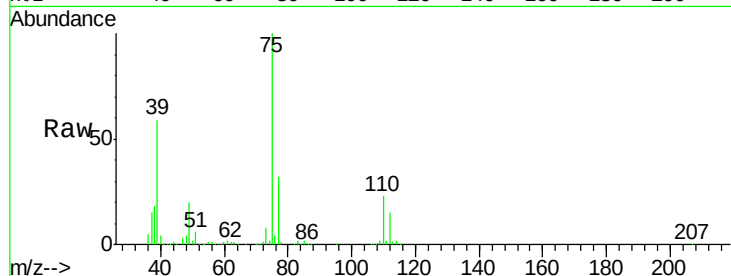




#53
t-1,3-Dichloropropene
Concen: 44.31 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

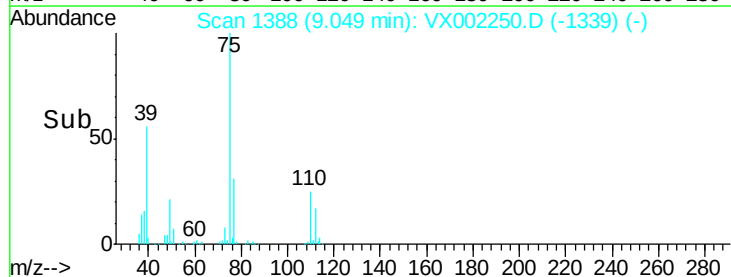
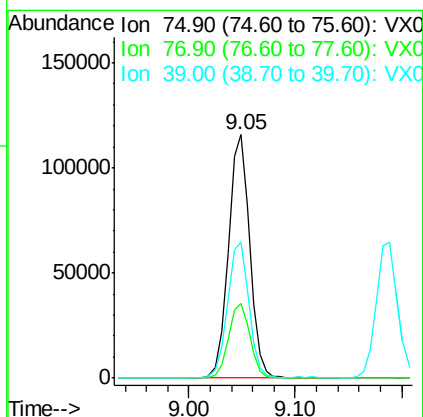
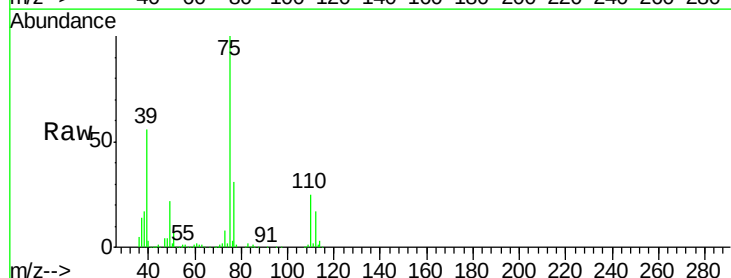
Instrument :
MSVOA_X
ClientSampled :

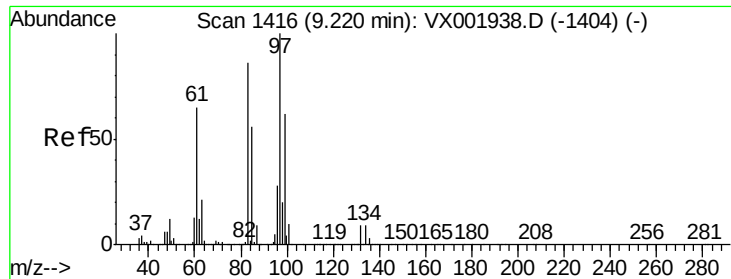
Tot Ion: 75 Resp: 171714
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 43.01 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Tgt Ion: 75 Resp: 162395
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0
39 55.7 44.1 66.1

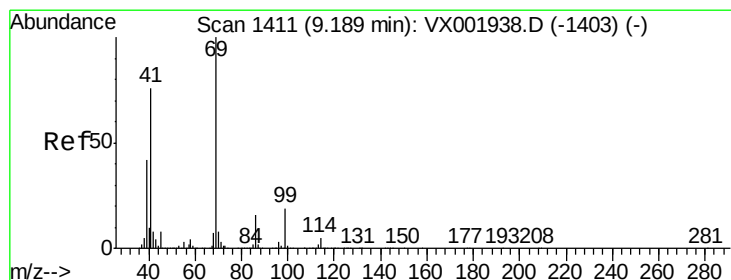
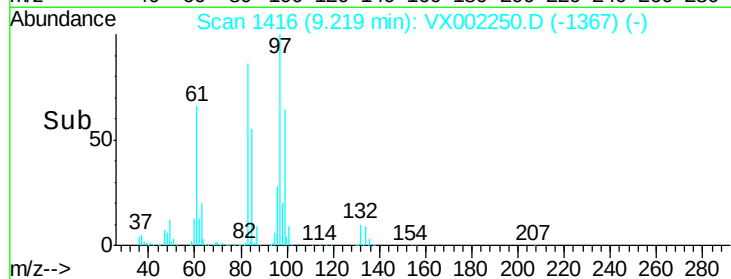
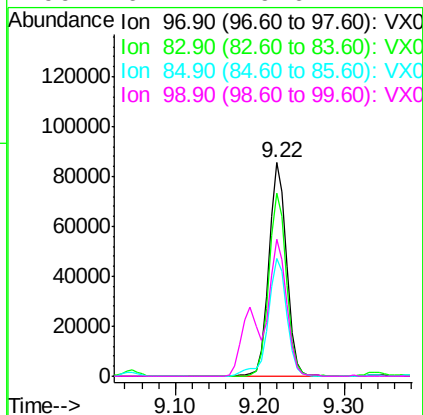
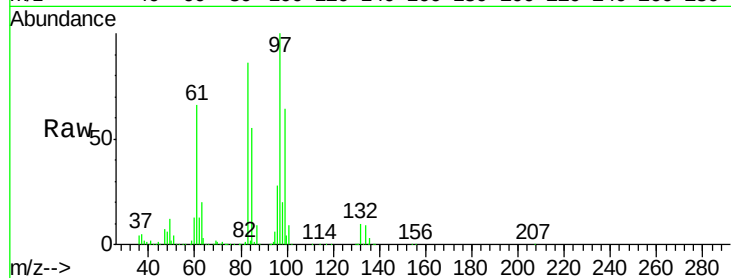




#55
 1,1,2-Trichloroethane
 Concen: 53.51 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002250.D
 Acq: 02 Jun 2018 20:04

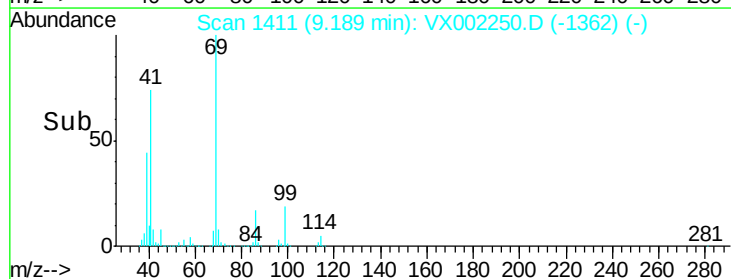
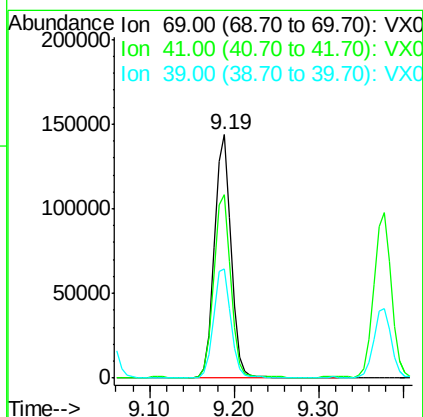
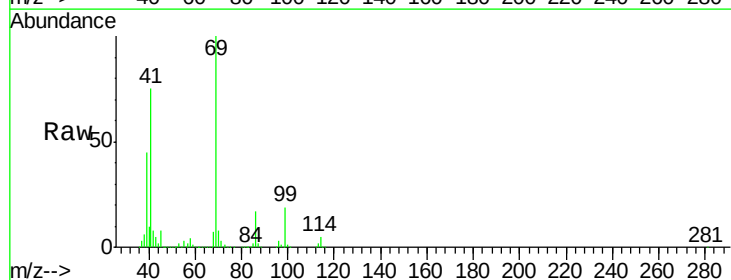
Instrument :
 MSVOA_X
 ClientSampleId :

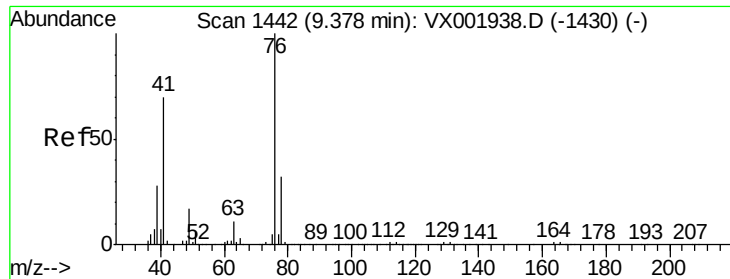
Tot Ion:	97	Resp:	124859
Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.1	103.7
85	55.0	45.2	67.8
99	64.2	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 49.30 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX002250.D
 Acq: 02 Jun 2018 20:04

Tgt Ion:	69	Resp:	197860
Ion	Ratio	Lower	Upper
69	100		
41	76.6	61.0	91.6
39	46.1	34.4	51.6

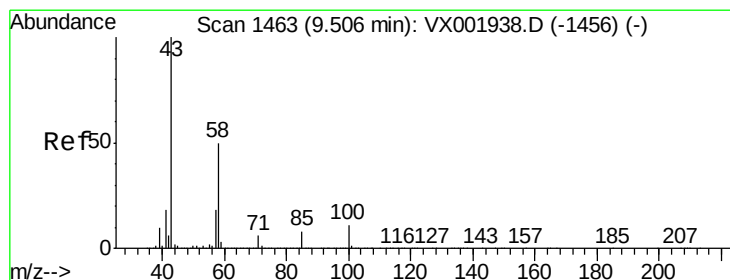
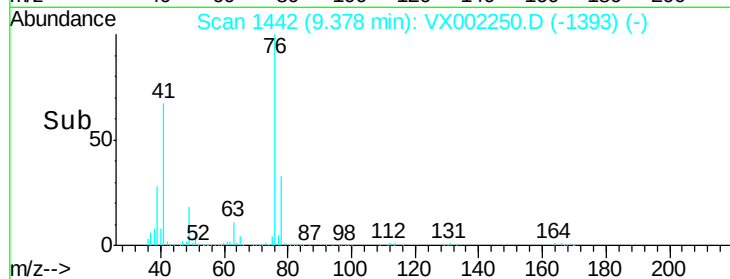
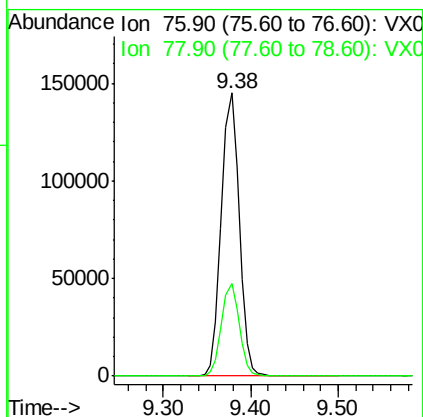
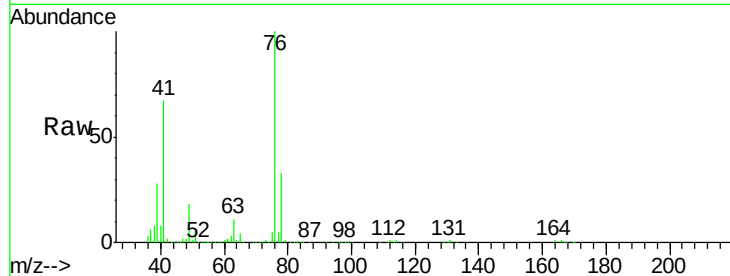




#57
 1,3-Dichloropropane
 Concen: 53.79 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX002250.D
 Acq: 02 Jun 2018 20:04

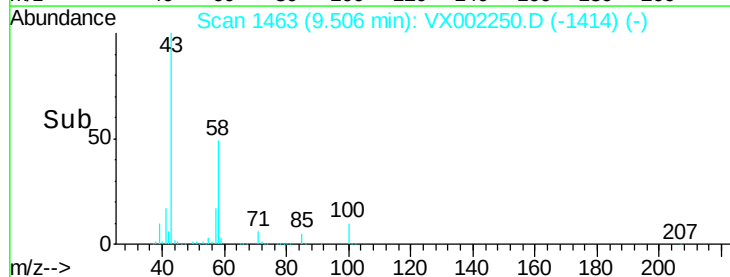
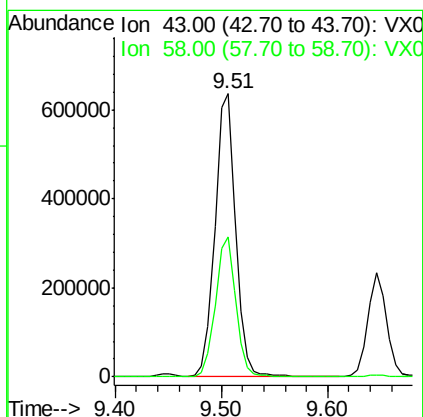
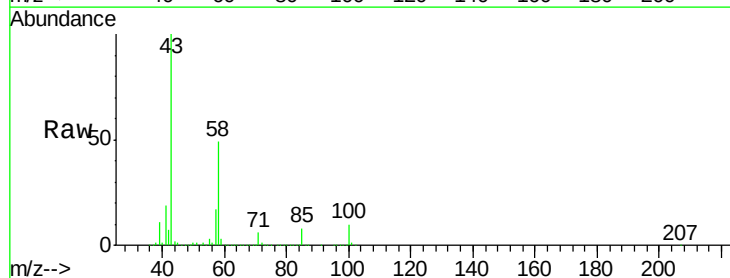
Instrument :
 MSVOA_X
 ClientSampled :

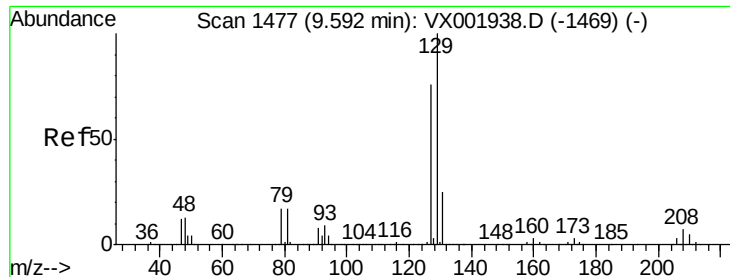
Tot Ion: 76 Resp: 206768
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.6 38.4



#59
 2-Hexanone
 Concen: 279.37 ug/l
 RT: 9.51 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VX002250.D
 Acq: 02 Jun 2018 20:04

Tgt Ion: 43 Resp: 845021
 Ion Ratio Lower Upper
 43 100
 58 49.4 24.9 74.6

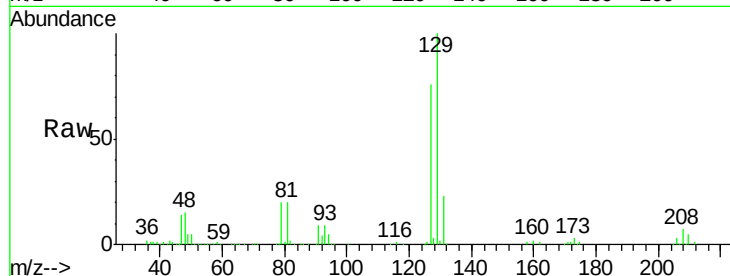




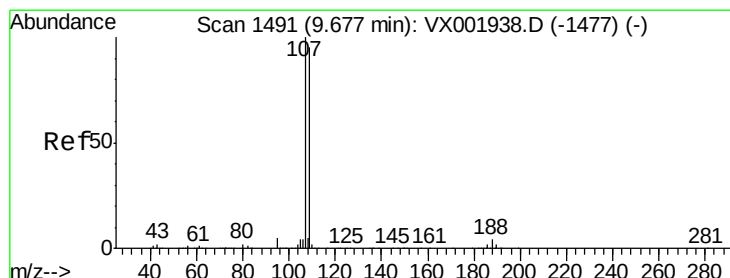
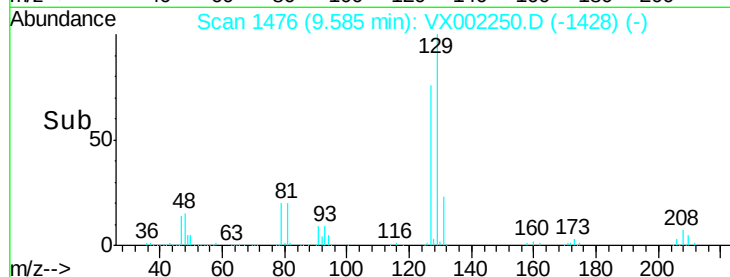
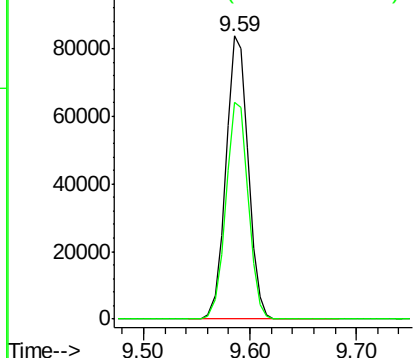
#60
Dibromochloromethane
Concen: 44.38 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 122653
Ion Ratio Lower Upper
129 100
127 76.9 38.3 114.9

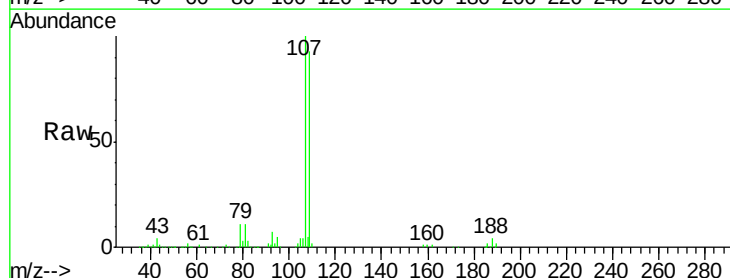


Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V

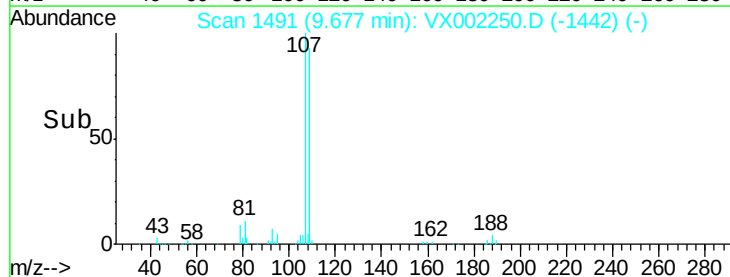
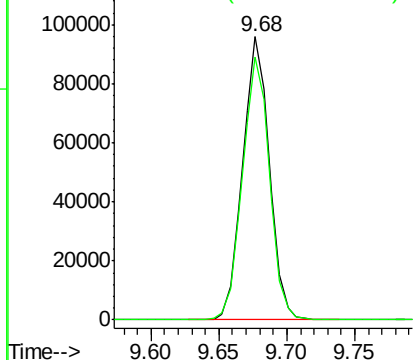


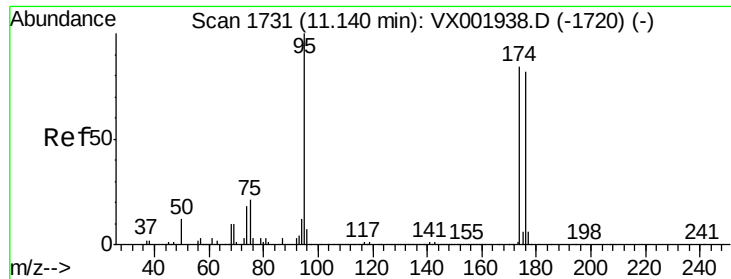
#61
1,2-Dibromoethane
Concen: 53.76 ug/l
RT: 9.68 min Scan# 1491
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Tgt Ion:107 Resp: 131618
Ion Ratio Lower Upper
107 100
109 94.0 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V

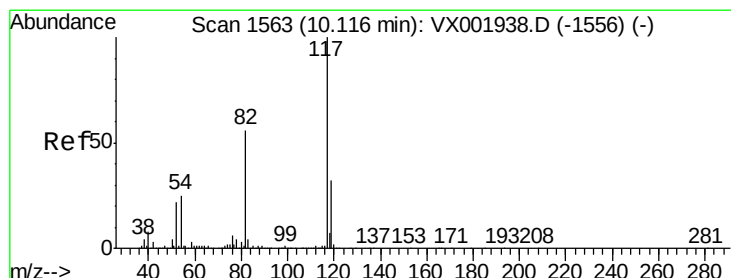
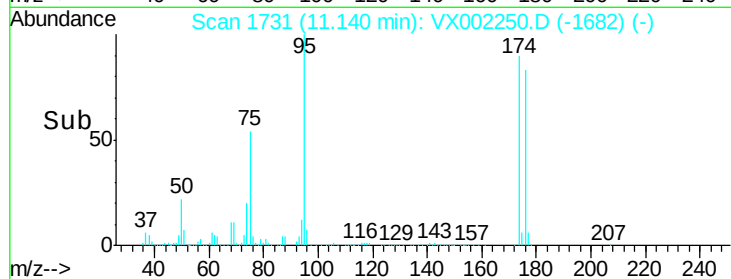
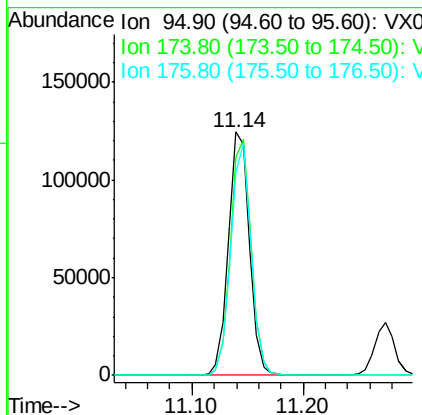
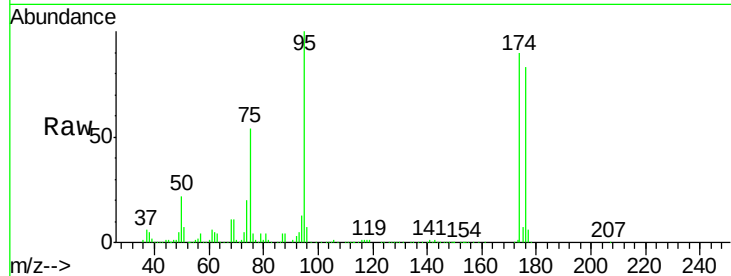




#62
4-Bromofluorobenzene
Concen: 53.23 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

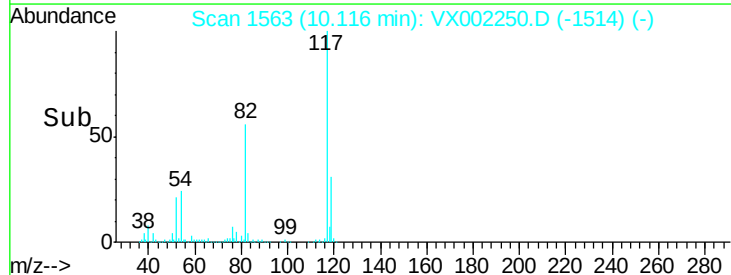
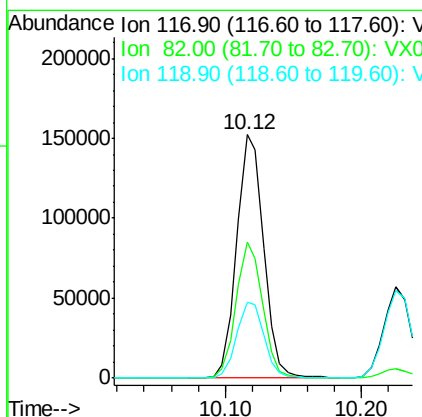
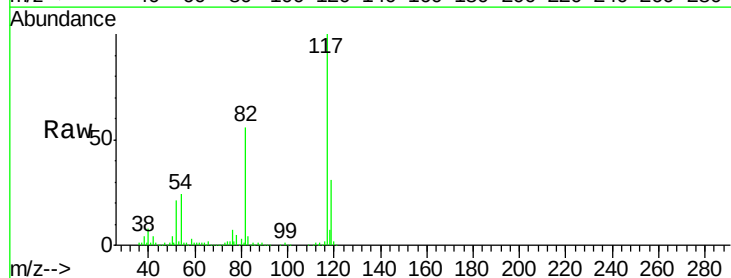
Instrument :
MSVOA_X
ClientSampleId :

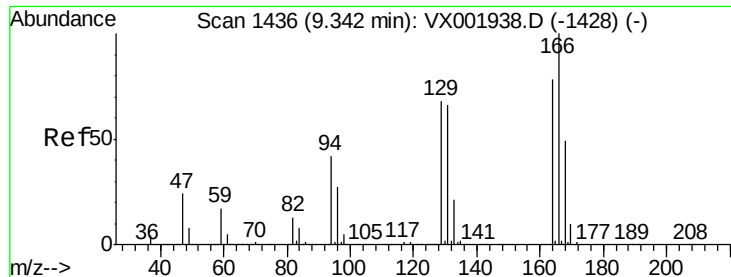
Tot Ion: 95 Resp: 162379
Ion Ratio Lower Upper
95 100
174 96.1 0.0 178.8
176 92.3 0.0 175.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Tgt Ion: 117 Resp: 210462
Ion Ratio Lower Upper
117 100
82 55.9 44.8 67.2
119 31.2 25.5 38.3





#64

Tetrachloroethene

Concen: 39.35 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:164 Resp: 118729

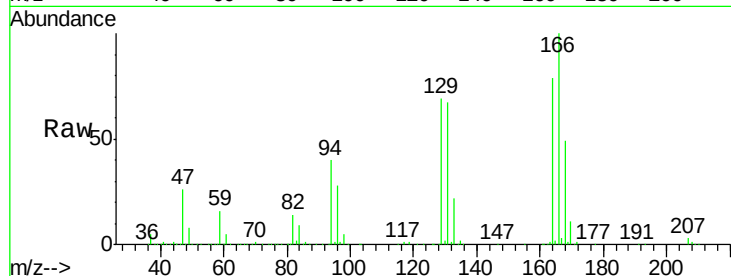
Ion Ratio Lower Upper

164 100

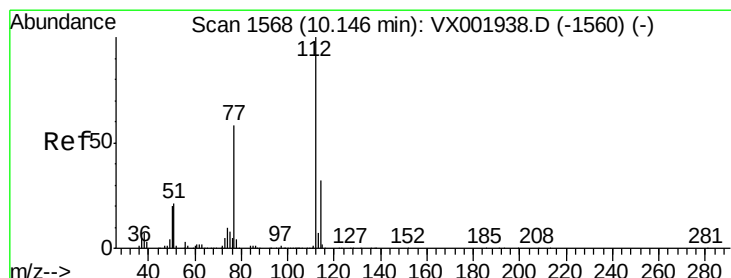
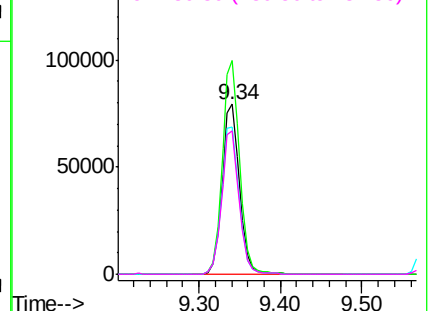
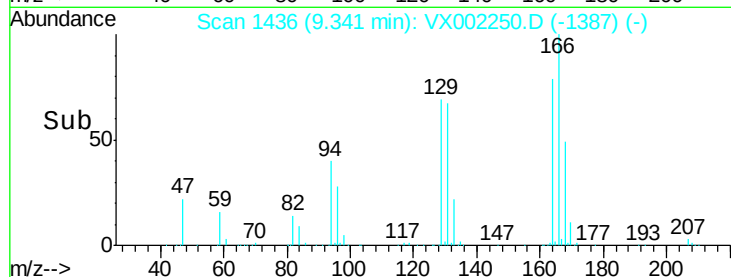
166 125.8 102.7 154.1

129 86.9 70.3 105.5

131 84.3 68.2 102.4



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



#65

Chlorobenzene

Concen: 53.12 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002250.D

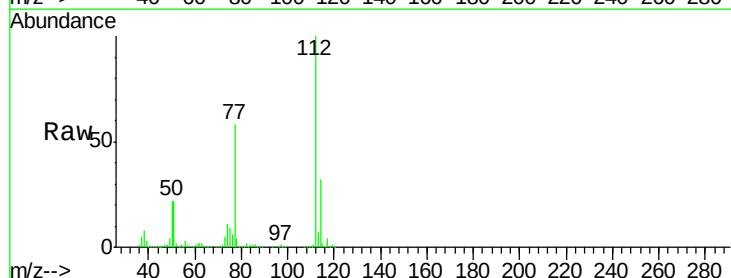
Acq: 02 Jun 2018 20:04

Tgt Ion:112 Resp: 354236

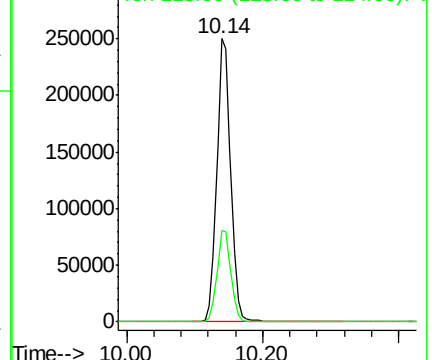
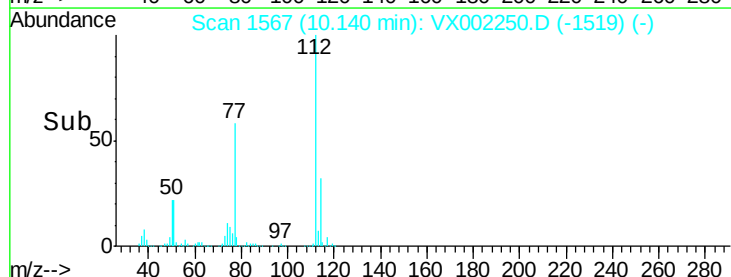
Ion Ratio Lower Upper

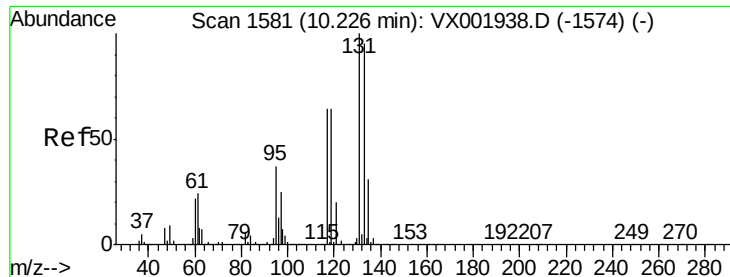
112 100

114 32.3 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 45.35 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampled :

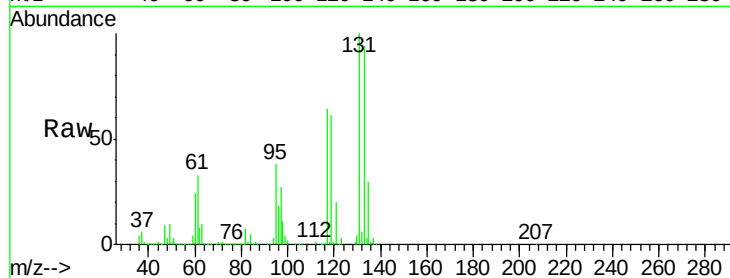
Tot Ion:131 Resp: 122108

Ion Ratio Lower Upper

131 100

133 94.8 48.0 144.0

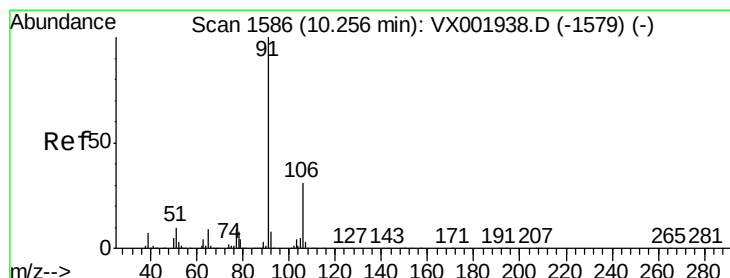
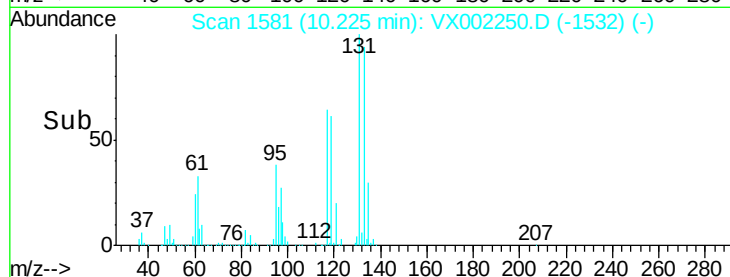
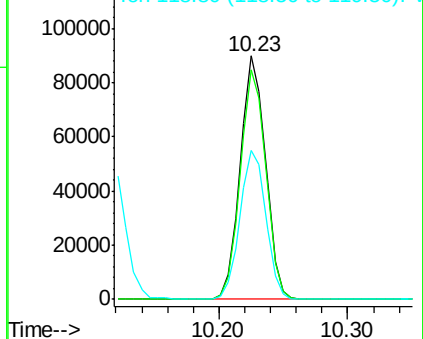
119 62.8 31.9 95.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 46.45 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002250.D

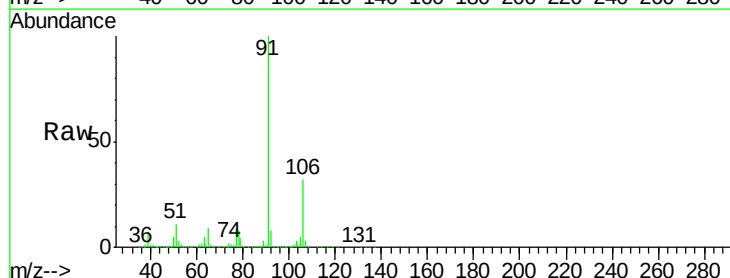
Acq: 02 Jun 2018 20:04

Tgt Ion: 91 Resp: 538176

Ion Ratio Lower Upper

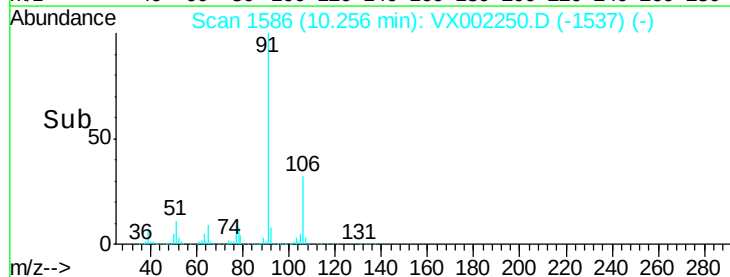
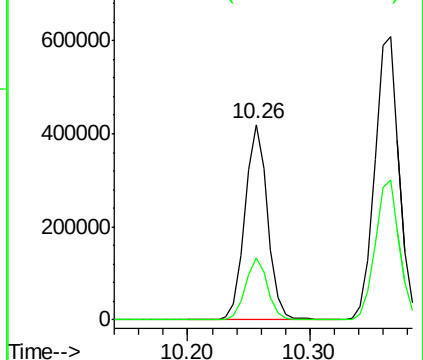
91 100

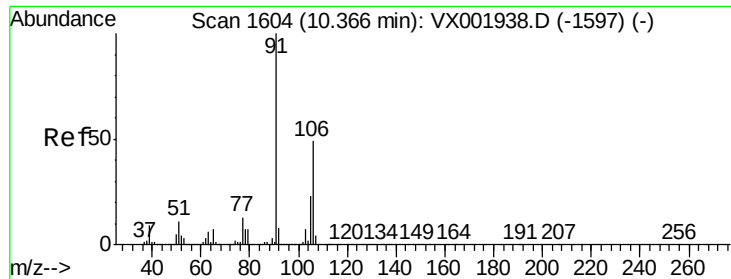
106 31.5 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

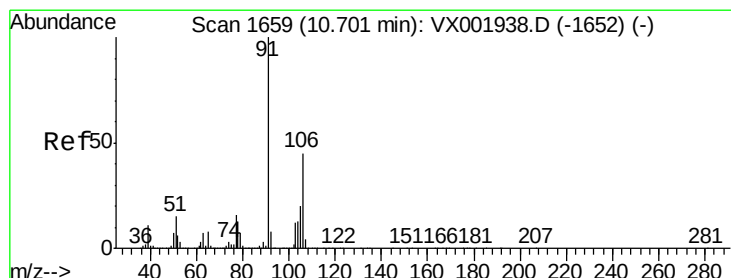
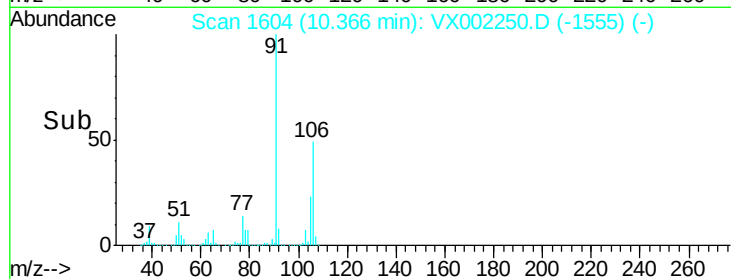
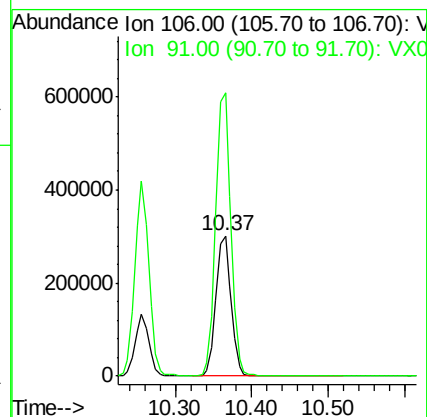
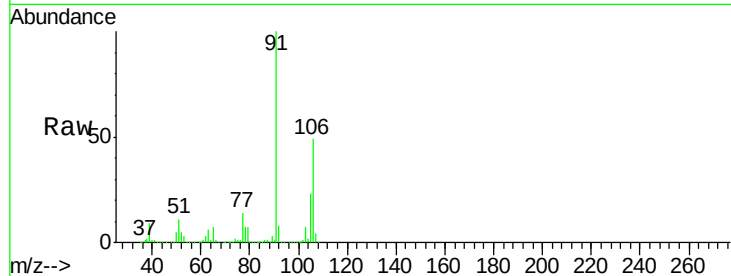




#68
m/p-Xylenes
Concen: 93.66 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

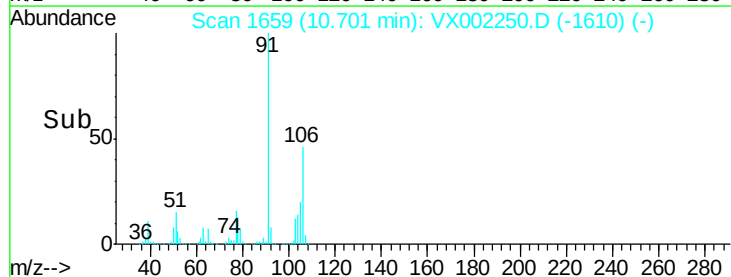
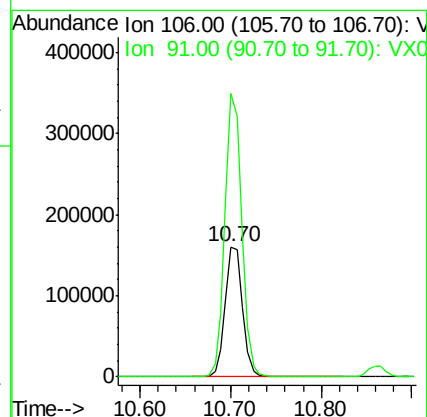
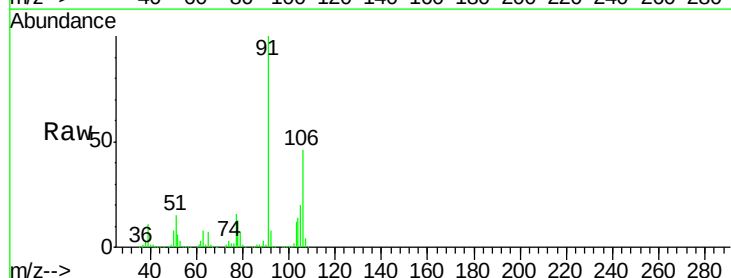
Instrument :
MSVOA_X
ClientSampleId :

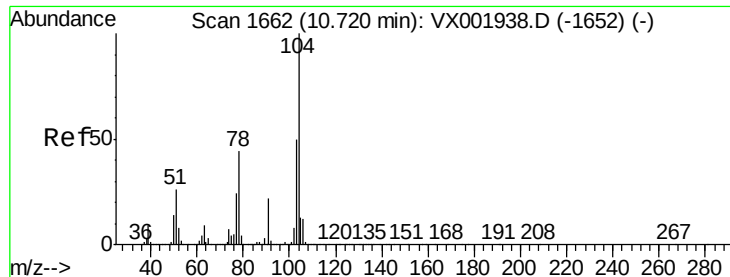
Tot Ion:106 Resp: 414771
Ion Ratio Lower Upper
106 100
91 202.8 165.0 247.6



#69
o-Xylene
Concen: 48.60 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Tgt Ion:106 Resp: 214886
Ion Ratio Lower Upper
106 100
91 212.8 108.7 325.9





#70

Stvrene

Concen: 47.58 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. -0.00 min

Lab File: VX002250.D

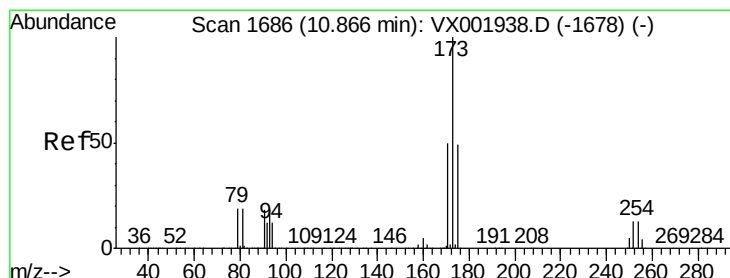
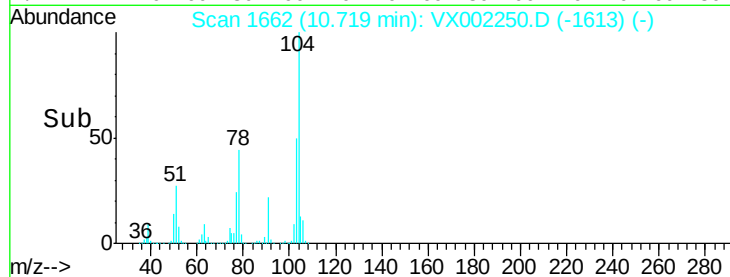
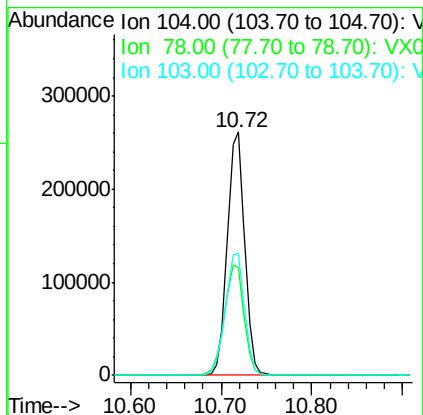
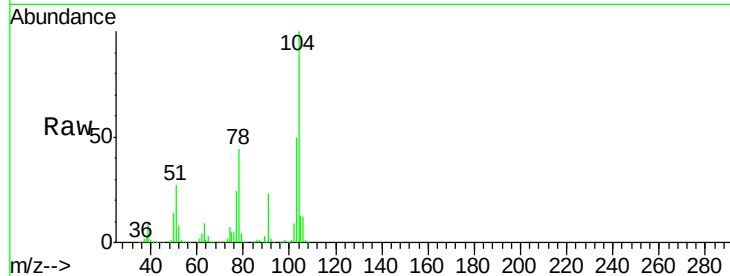
Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	104	Resp:	348905
Ion	Ratio	Lower	Upper
104	100		
78	51.2	41.8	62.6
103	55.5	44.6	67.0



#71

Bromoform

Concen: 37.97 ug/l

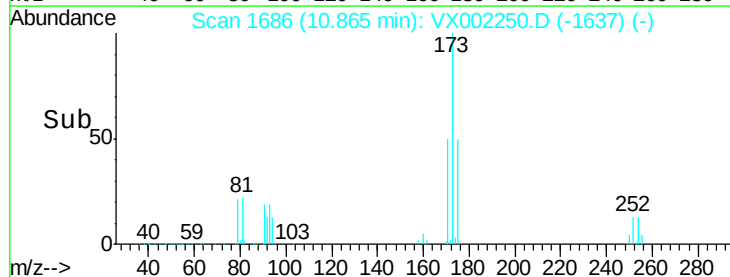
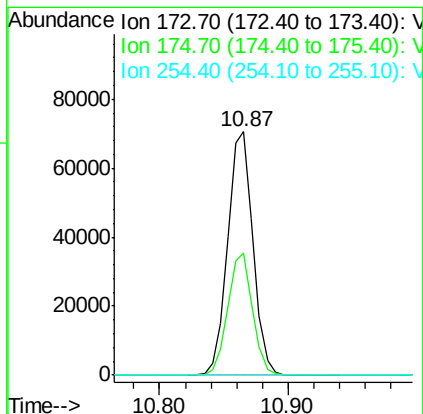
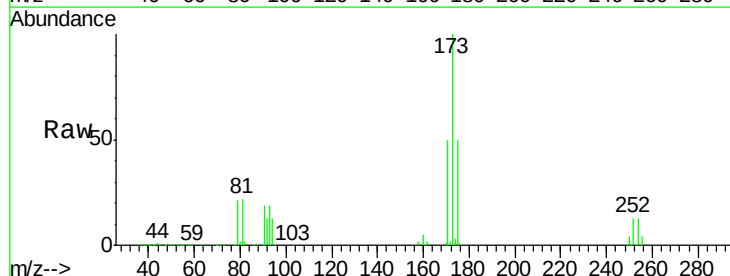
RT: 10.87 min Scan# 1686

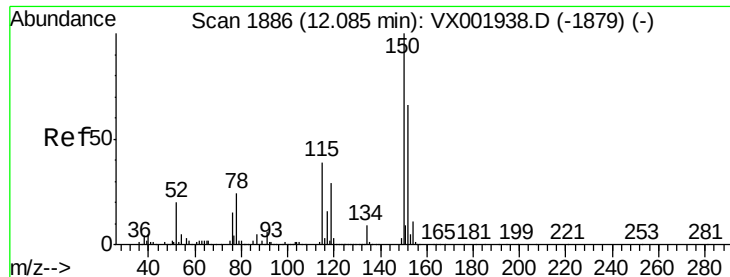
Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Tgt Ion:	173	Resp:	96945
Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.3	72.9
254	0.2	0.1	0.1#

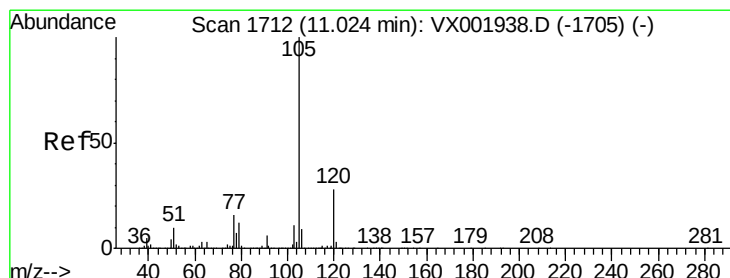
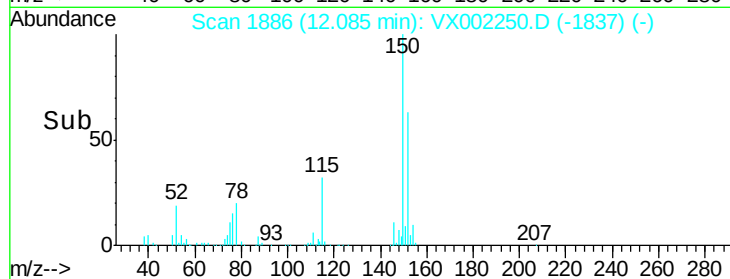
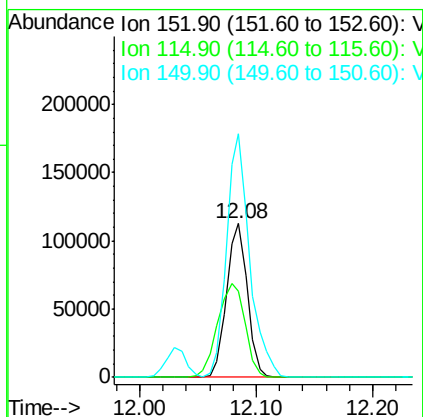
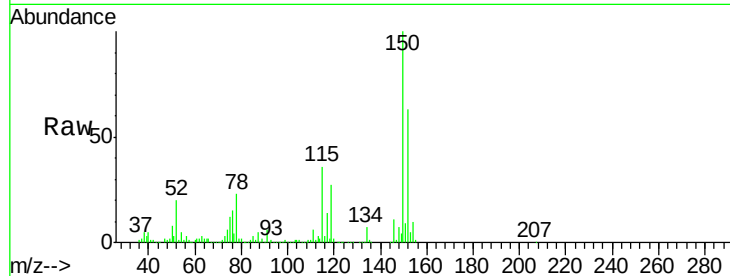




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX002250.D
 Acq: 02 Jun 2018 20:04

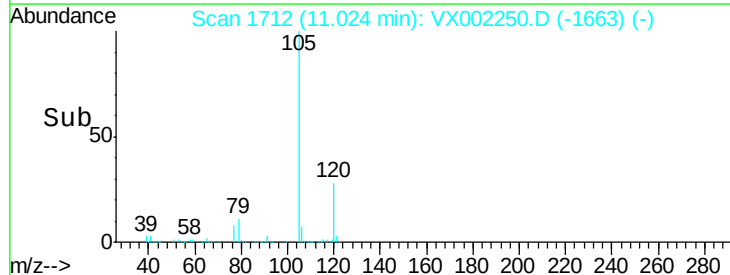
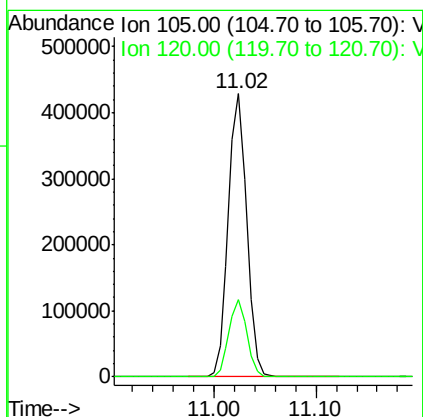
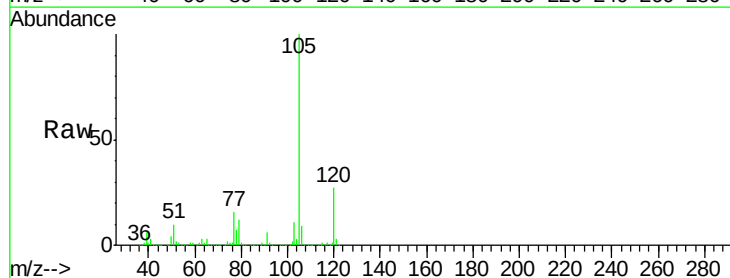
Instrument :
 MSVOA_X
 ClientSampled :

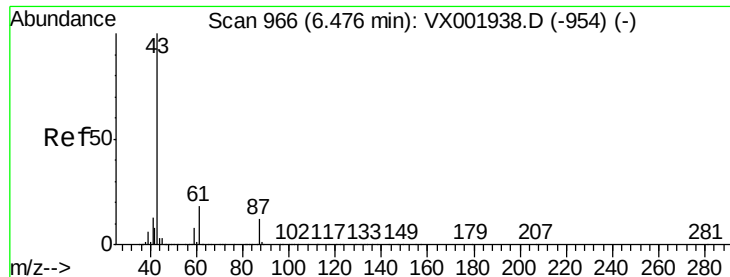
Tot Ion	Ratio	Lower	Upper
152	100		
115	79.9	42.3	126.8
150	176.4	0.0	351.0



#73
 Isopropylbenzene
 Concen: 45.61 ug/l
 RT: 11.02 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: VX002250.D
 Acq: 02 Jun 2018 20:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.6	40.7





#74

N-amyl acetate

Concen: 52.60 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 320437

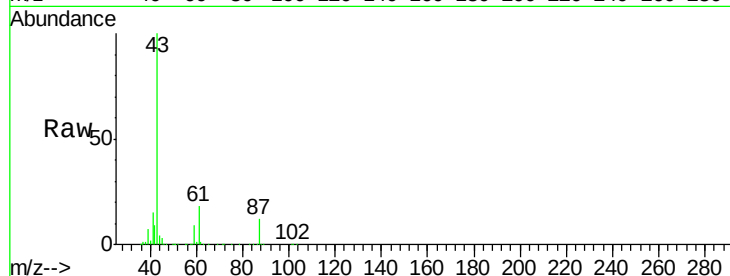
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.2 0.1 0.1#

61 18.1 14.5 21.7

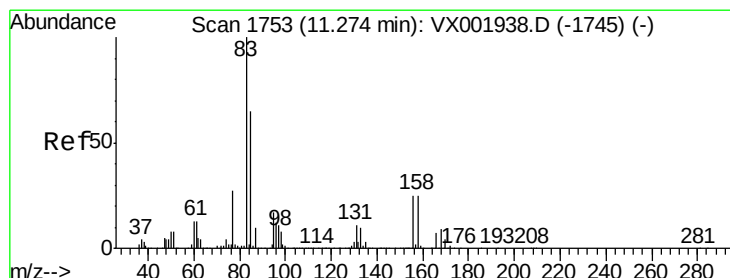
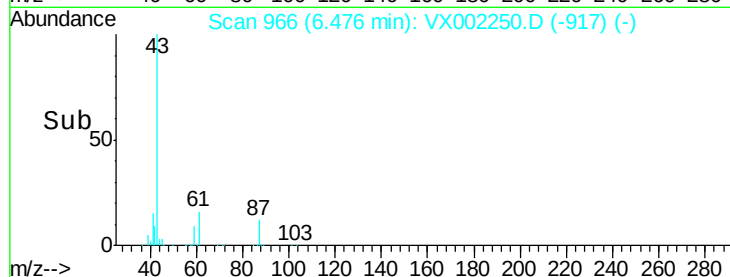
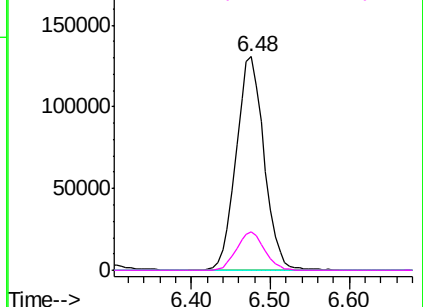


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 61.75 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

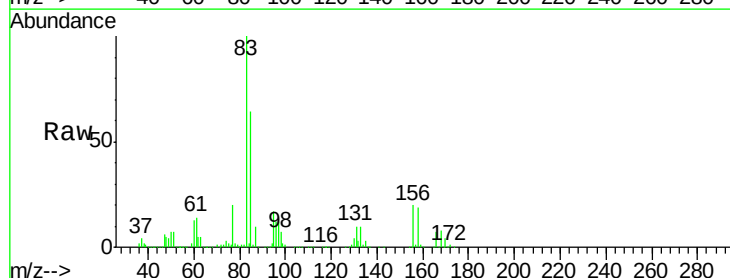
Tgt Ion: 83 Resp: 197977

Ion Ratio Lower Upper

83 100

131 10.7 5.7 17.0

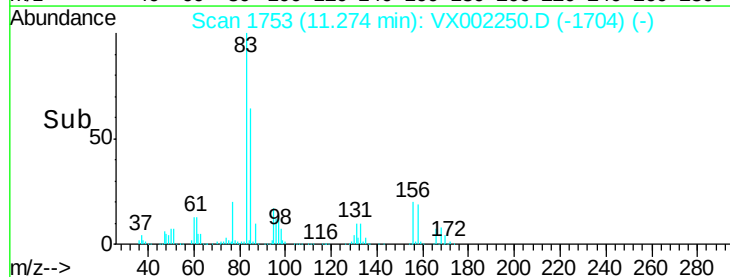
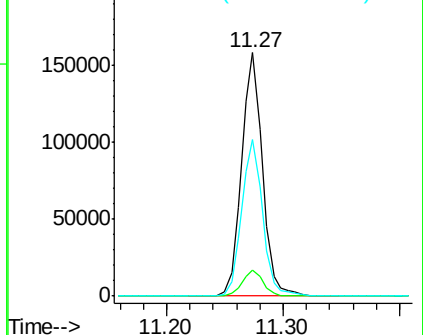
85 64.6 32.6 97.7

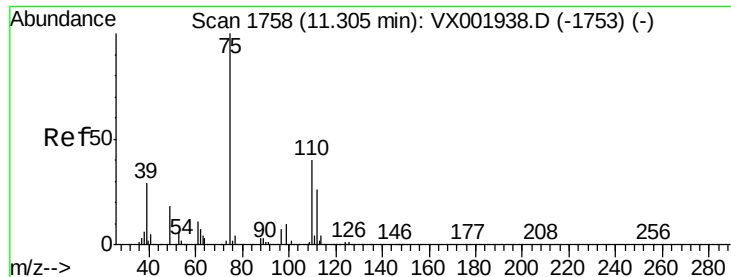


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

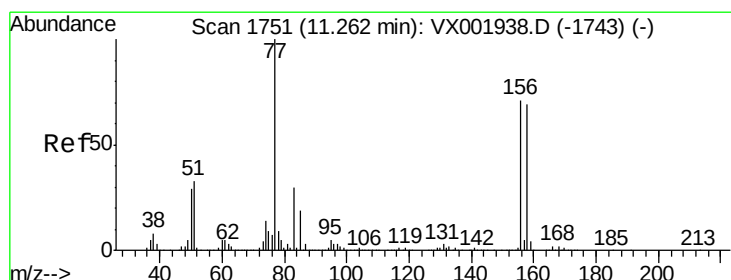
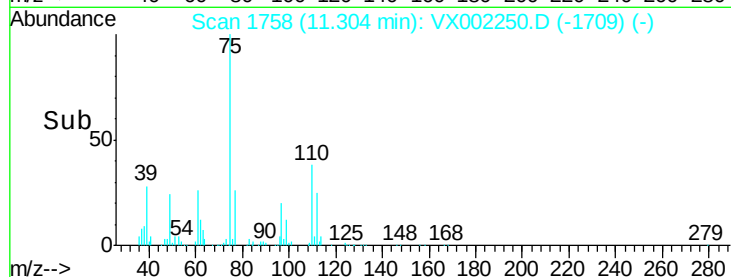
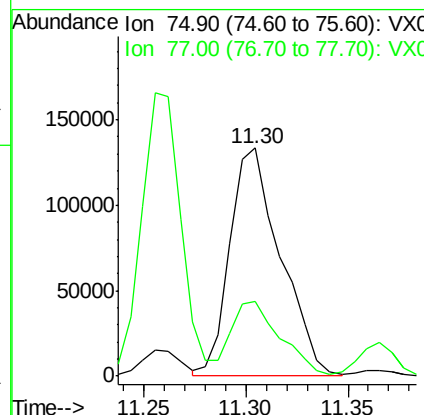
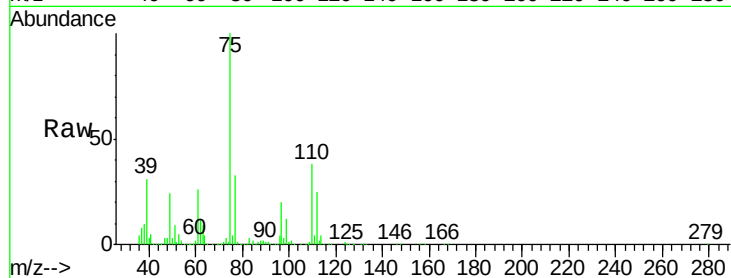




#76
 1,2,3-Trichloropropane
 Concen: 68.77 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX002250.D
 Acq: 02 Jun 2018 20:04

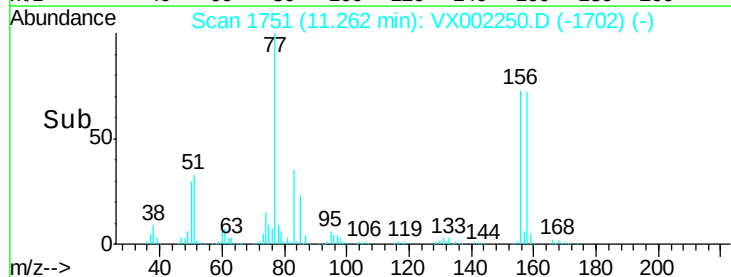
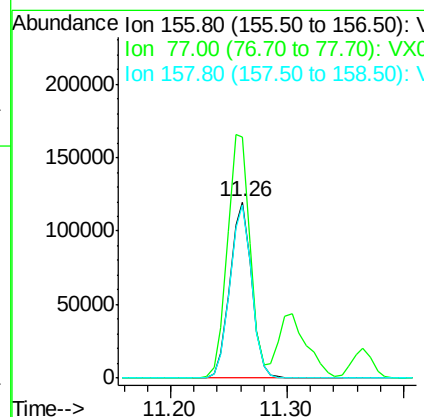
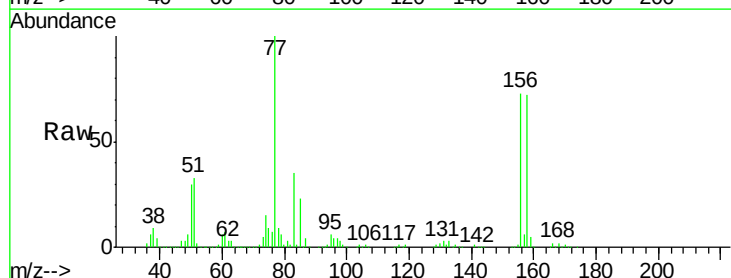
Instrument :
 MSVOA_X
 ClientSampleId :

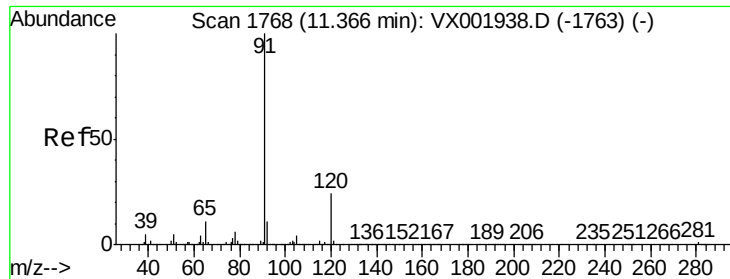
Tot Ion: 75 Resp: 229778
 Ion Ratio Lower Upper
 75 100
 77 32.5 22.8 68.3



#77
 Bromobenzene
 Concen: 49.61 ug/l
 RT: 11.26 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: VX002250.D
 Acq: 02 Jun 2018 20:04

Tgt Ion: 156 Resp: 155036
 Ion Ratio Lower Upper
 156 100
 77 142.3 75.2 225.6
 158 98.1 48.6 145.8

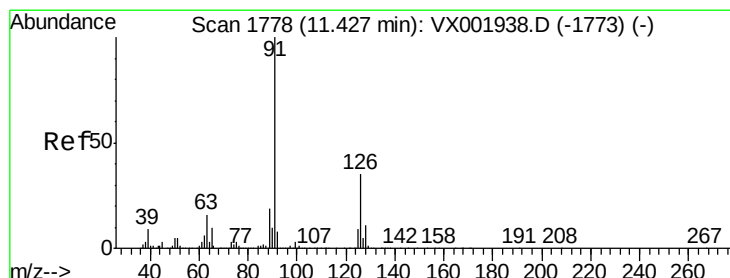
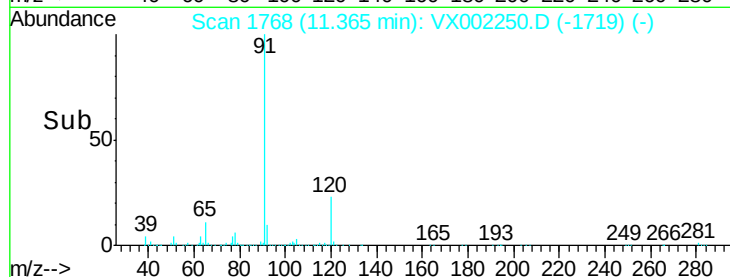
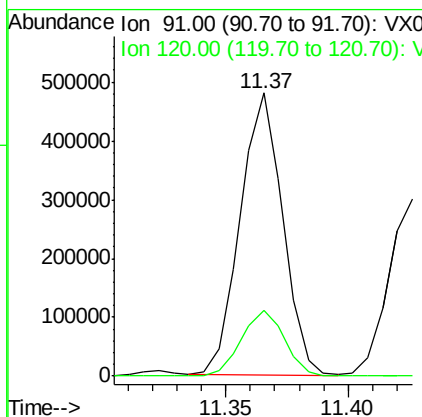
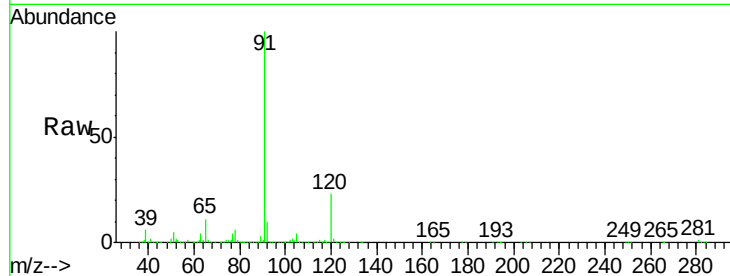




#78
n-propylbenzene
Concen: 43.87 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

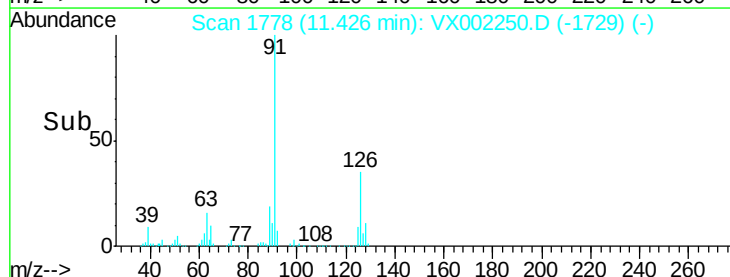
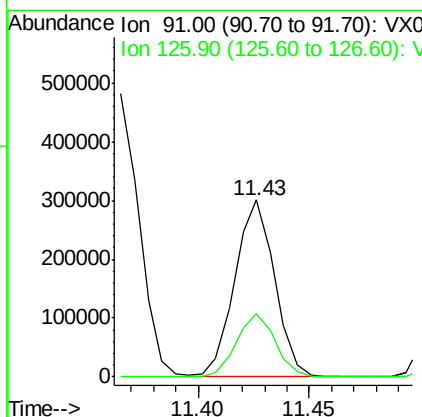
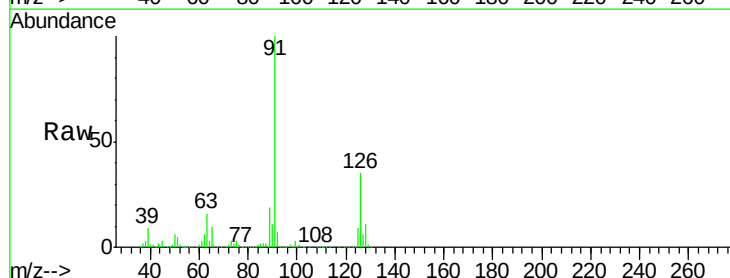
Instrument :
MSVOA_X
ClientSampleId :

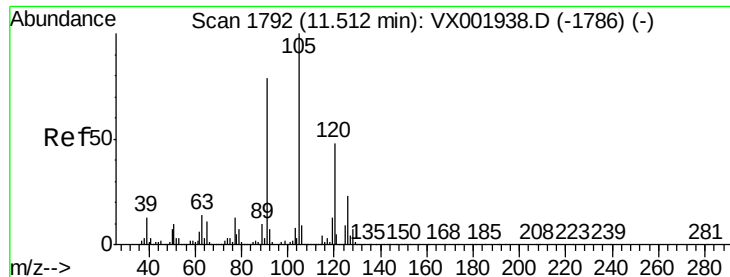
Tot Ion: 91 Resp: 578694
Ion Ratio Lower Upper
91 100
120 23.8 11.9 35.7



#79
2-Chlorotoluene
Concen: 51.46 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Tgt Ion: 91 Resp: 371904
Ion Ratio Lower Upper
91 100
126 35.4 17.4 52.2





#80

1,3,5-Trimethylbenzene

Concen: 45.17 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

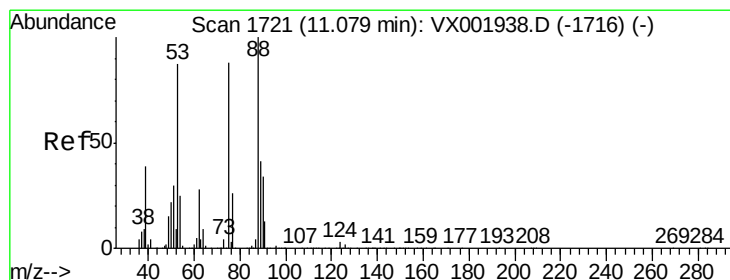
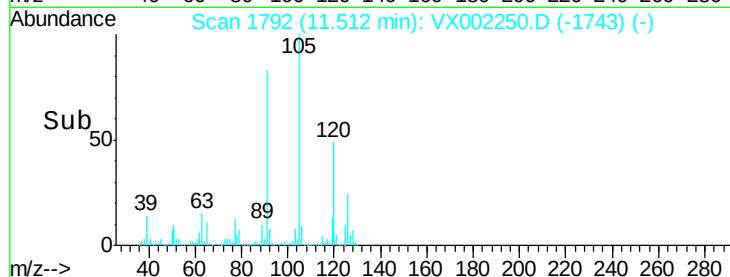
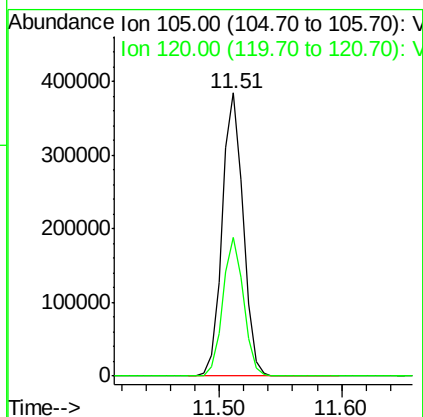
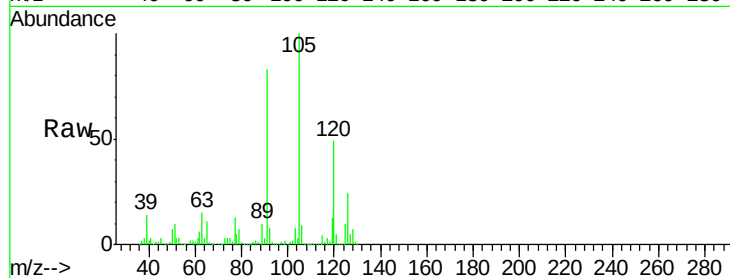
ClientSampleId :

Tot Ion:105 Resp: 454648

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.4



#81

trans-1,4-Dichloro-2-butene

Concen: 35.09 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

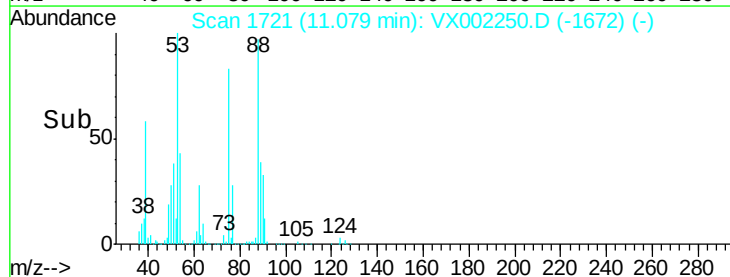
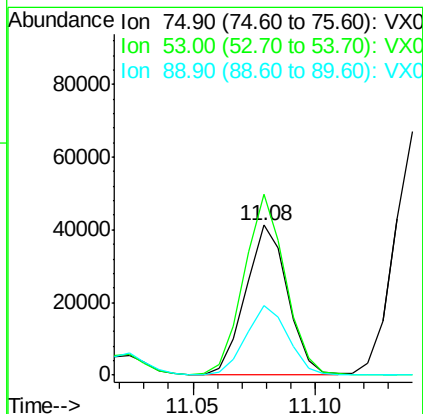
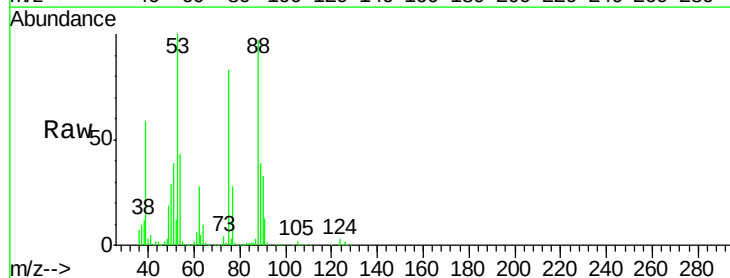
Tgt Ion: 75 Resp: 48782

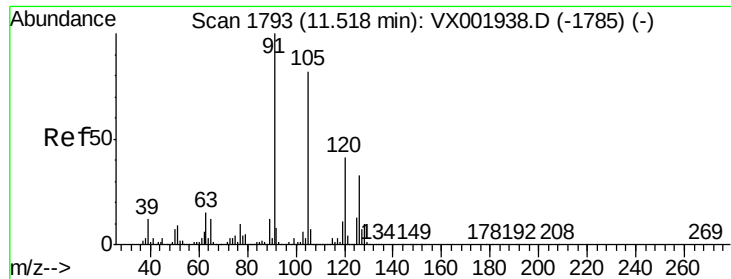
Ion Ratio Lower Upper

75 100

53 119.2 78.0 117.0#

89 47.6 39.4 59.2

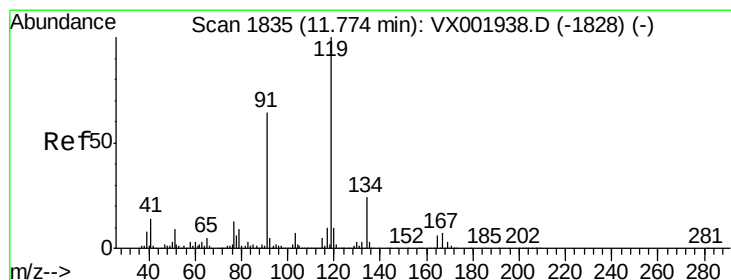
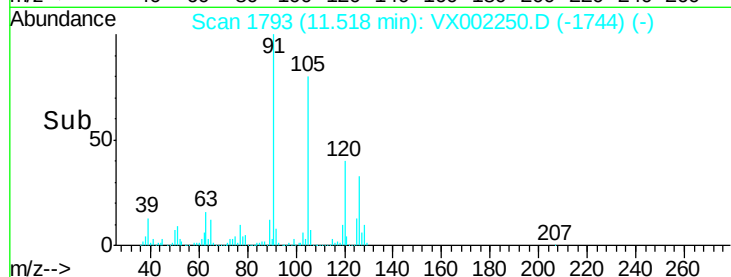
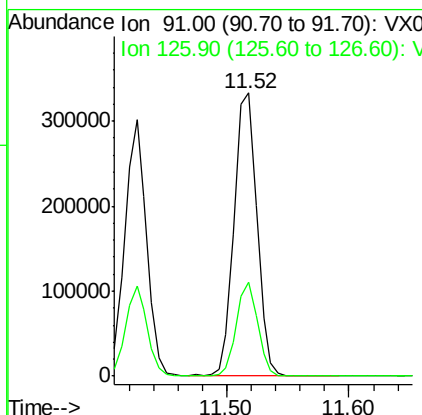
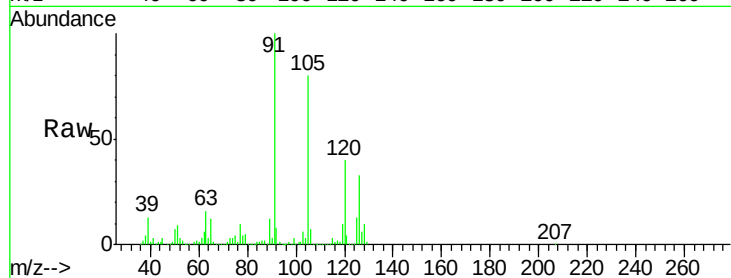




#82
4-Chlorotoluene
Concen: 45.94 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

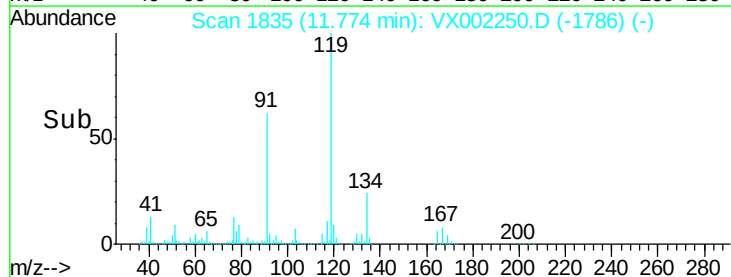
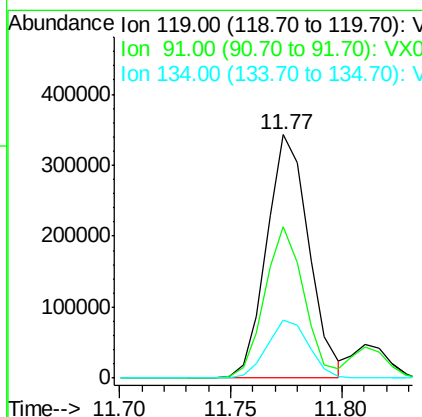
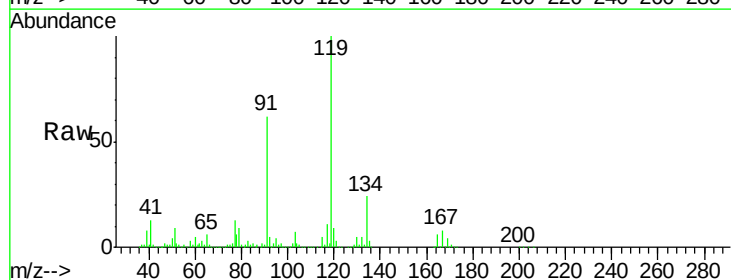
Instrument :
MSVOA_X
ClientSampled :

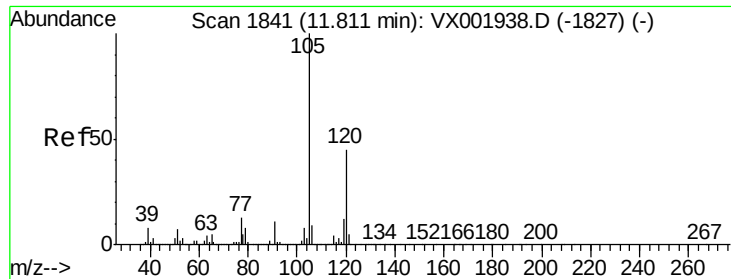
Tot Ion: 91 Resp: 427470
Ion Ratio Lower Upper
91 100
126 31.2 15.3 45.8



#83
tert-Butylbenzene
Concen: 45.54 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Tgt Ion: 119 Resp: 449874
Ion Ratio Lower Upper
119 100
91 58.6 30.6 91.8
134 23.6 11.7 35.0

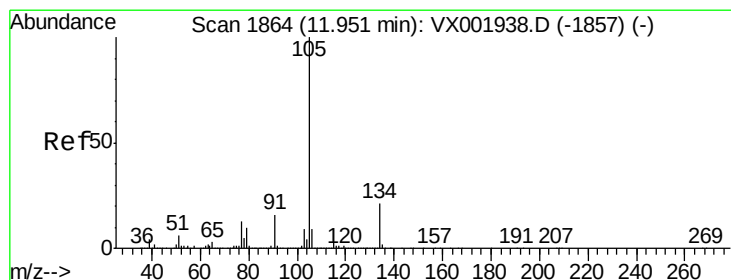
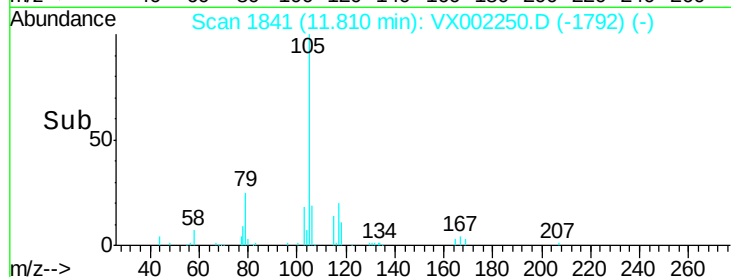
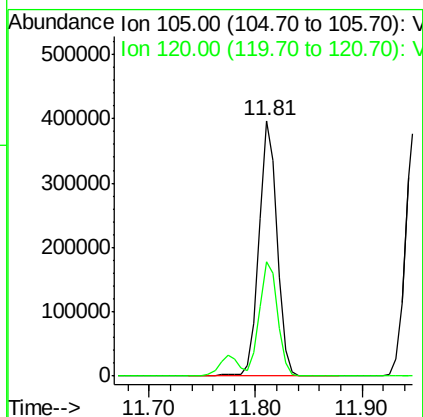
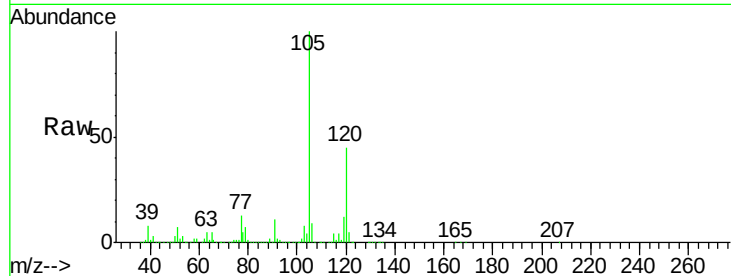




#84
 1,2,4-Trimethylbenzene
 Concen: 45.53 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002250.D
 Acq: 02 Jun 2018 20:04

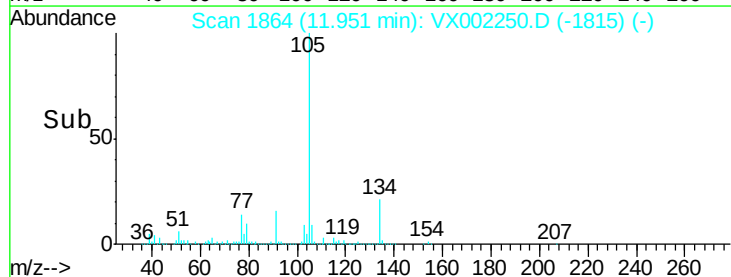
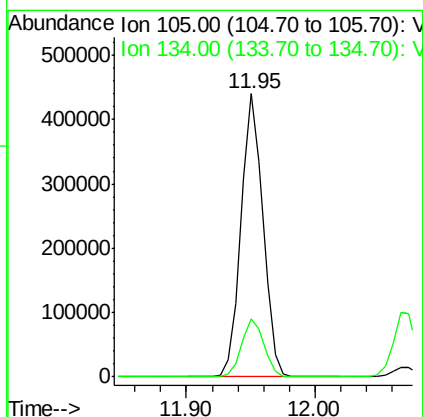
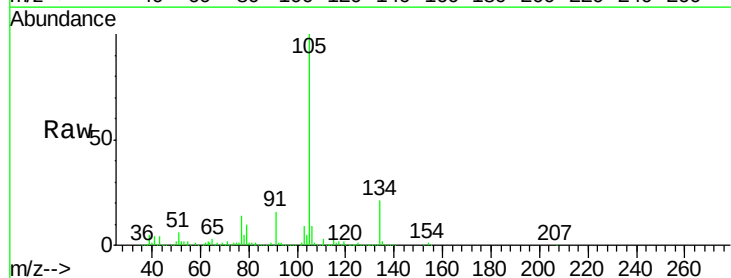
Instrument :
 MSVOA_X
 ClientSampleId :

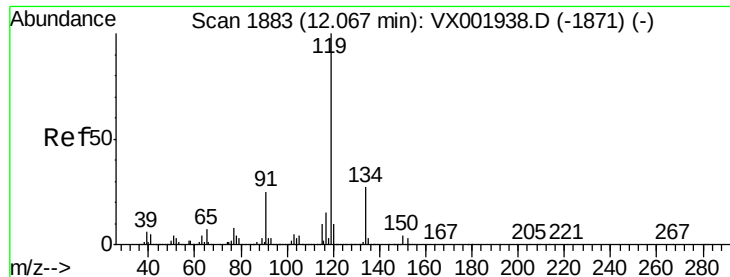
Tot Ion:105 Resp: 473591
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 43.60 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002250.D
 Acq: 02 Jun 2018 20:04

Tgt Ion:105 Resp: 517753
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.4





#86

p-Isopropyltoluene

Concen: 43.87 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampled :

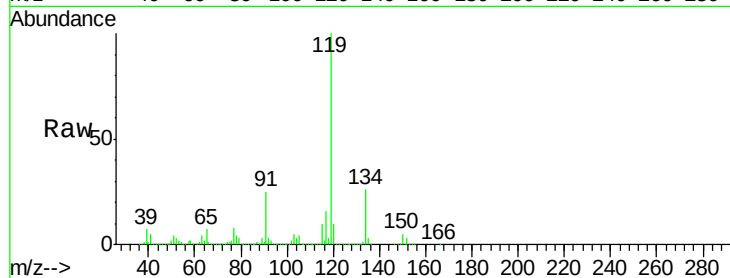
Tot Ion:119 Resp: 466180

Ion Ratio Lower Upper

119 100

134 26.5 13.6 40.8

91 24.1 12.2 36.4

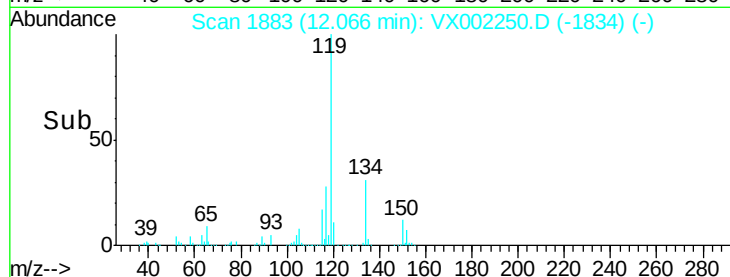


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

Time-->



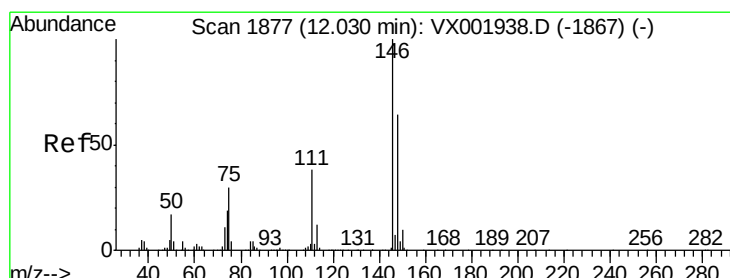
Abundance

Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

Time-->



#87

1,3-Dichlorobenzene

Concen: 47.07 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

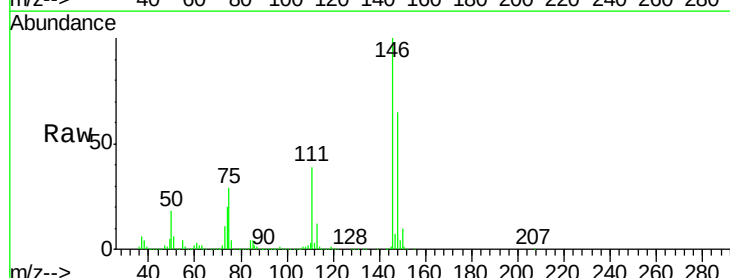
Tgt Ion:146 Resp: 263442

Ion Ratio Lower Upper

146 100

111 37.5 19.3 57.8

148 64.6 32.1 96.3

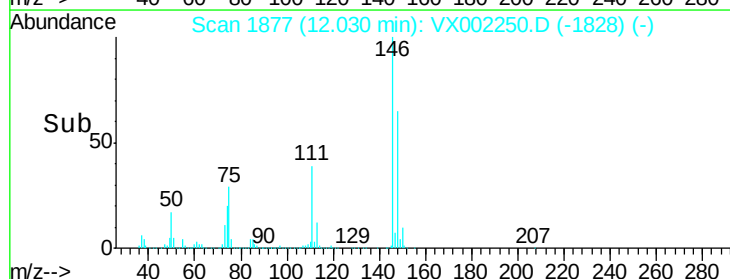


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

Time-->



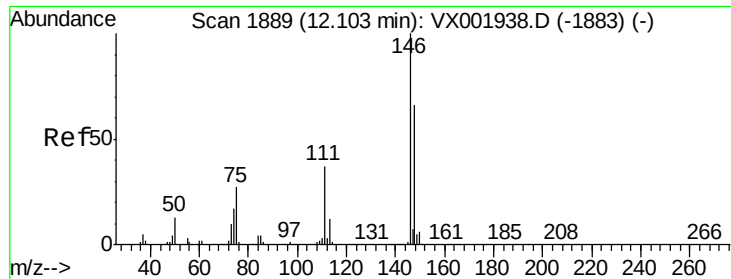
Abundance

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

Time-->



#88

1,4-Dichlorobenzene

Concen: 50.25 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002250.D

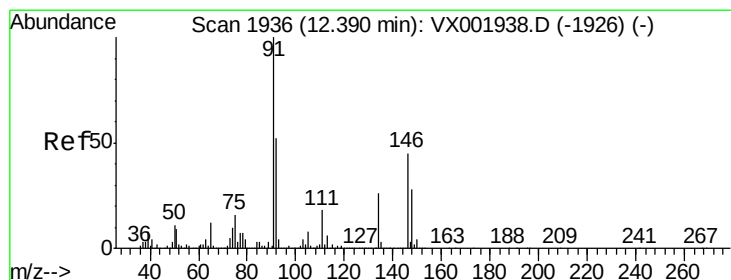
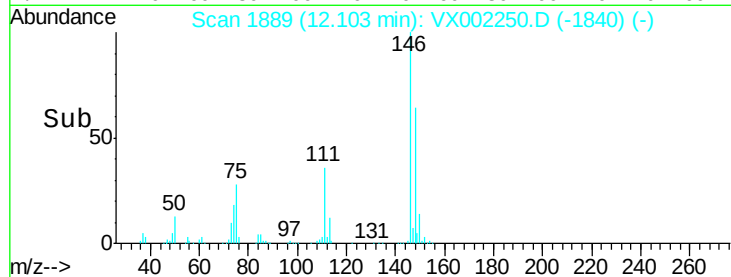
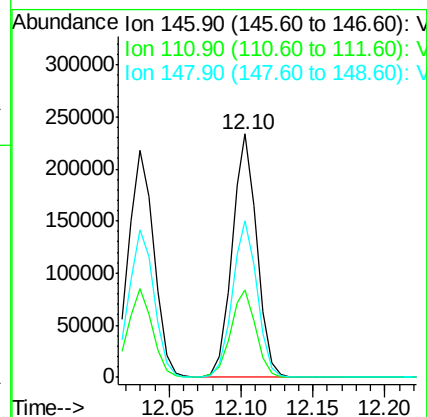
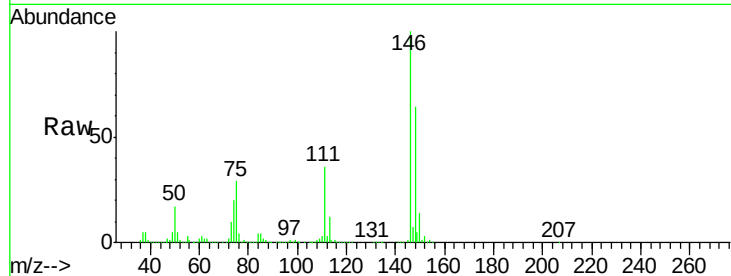
Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	146	Resp:	281191
Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.9	56.5
148	64.7	32.3	96.8



#89

n-Butylbenzene

Concen: 41.03 ug/l

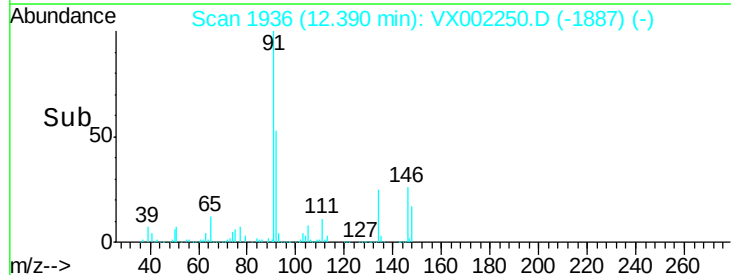
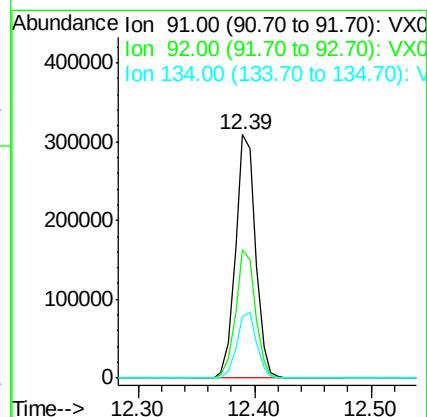
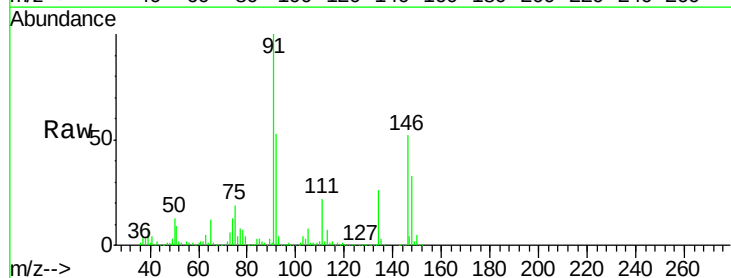
RT: 12.39 min Scan# 1936

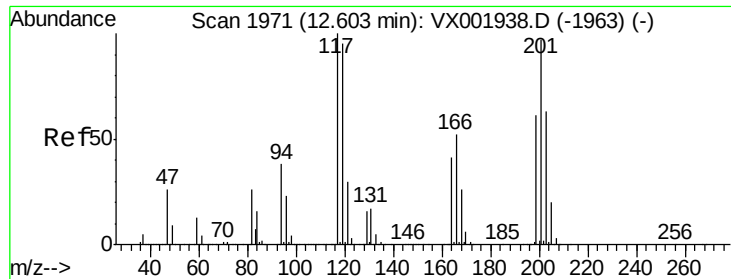
Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Tgt Ion:	91	Resp:	369397
Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.3	78.9
134	27.2	13.6	40.7

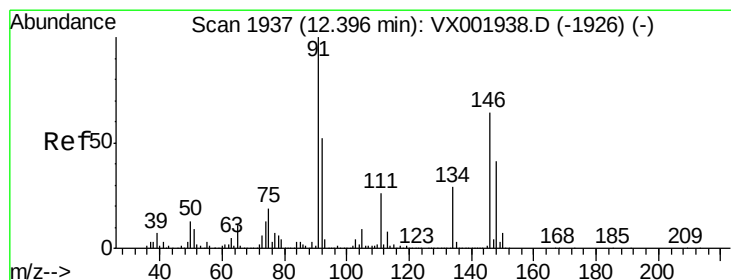
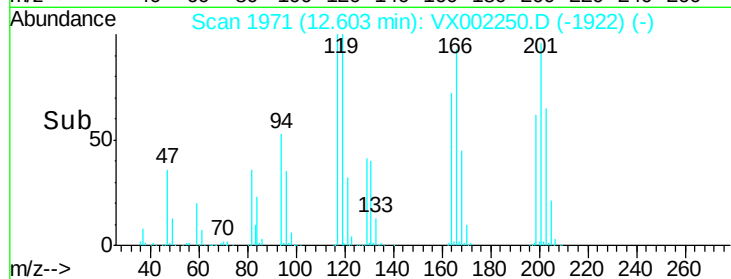
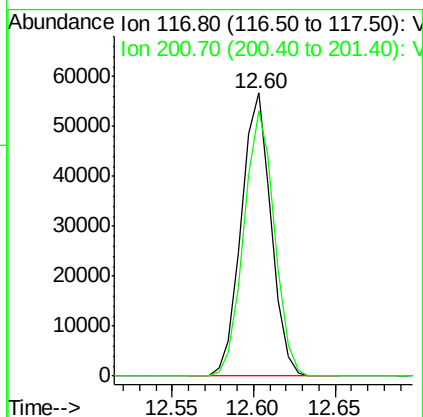
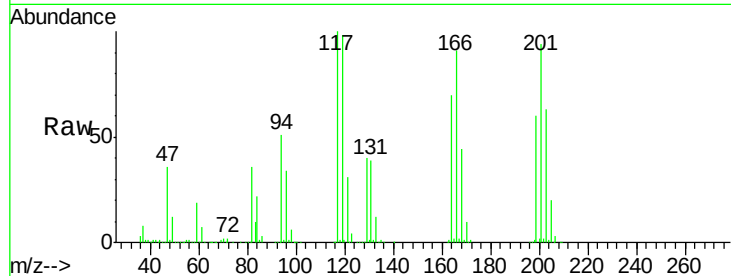




#90
Hexachloroethane
Concen: 34.40 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

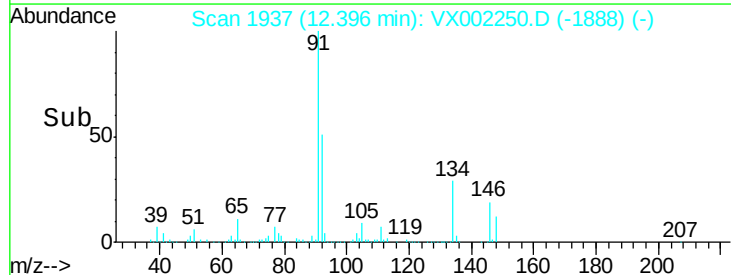
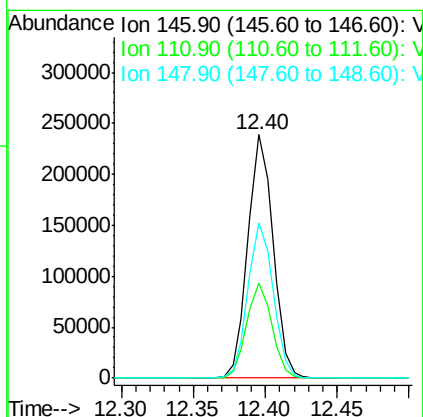
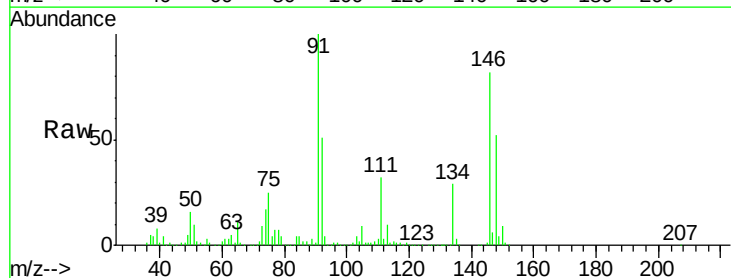
Instrument :
MSVOA_X
ClientSampleId :

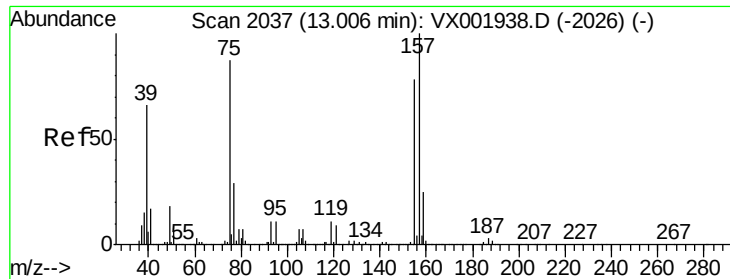
Tot Ion:117 Resp: 72091
Ion Ratio Lower Upper
117 100
201 96.4 48.0 144.0



#91
1,2-Dichlorobenzene
Concen: 50.75 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX002250.D
Acq: 02 Jun 2018 20:04

Tgt Ion:146 Resp: 289379
Ion Ratio Lower Upper
146 100
111 39.0 19.8 59.3
148 64.0 32.1 96.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 42.53 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

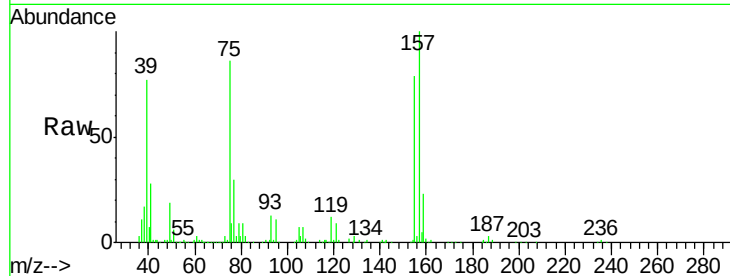
Tot Ion: 75 Resp: 44537

Ion	Ratio	Lower	Upper
75	100		
155	95.4	45.1	135.2
157	120.4	58.1	174.2

75 100

155 95.4 45.1 135.2

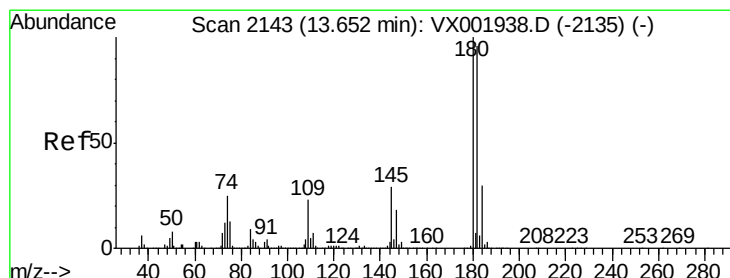
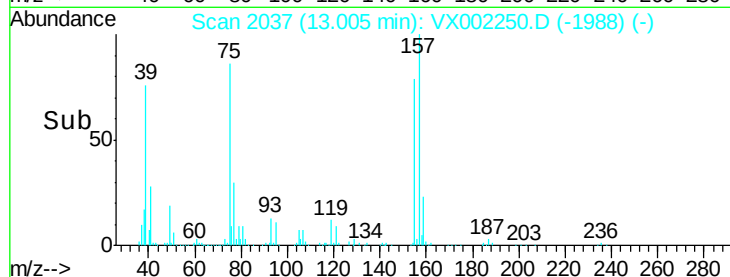
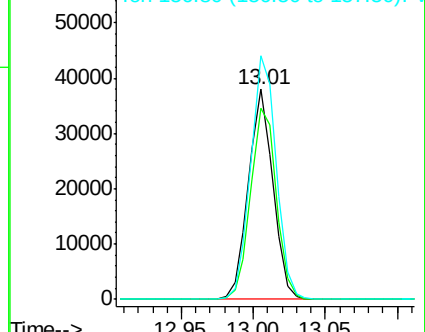
157 120.4 58.1 174.2



Abundance Ion 74.90 (74.60 to 75.60): VX001938.D (-2026) (-)

Ion 154.80 (154.50 to 155.50): VX001938.D (-2026) (-)

Ion 156.80 (156.50 to 157.50): VX001938.D (-2026) (-)



#93

1,2,4-Trichlorobenzene

Concen: 44.62 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

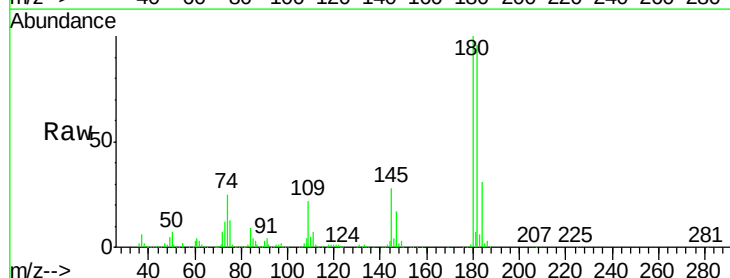
Tgt Ion: 180 Resp: 181958

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.7	143.1
145	28.4	14.4	43.0

180 100

182 95.2 47.7 143.1

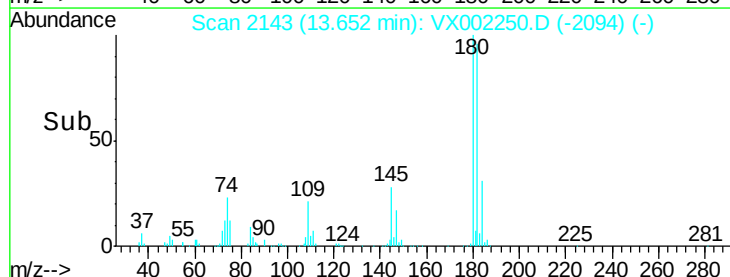
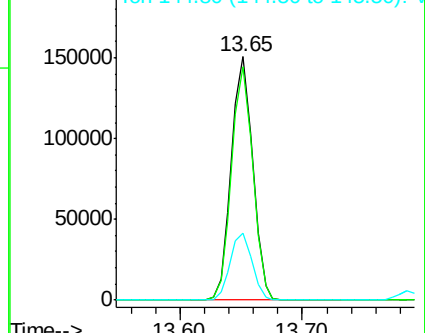
145 28.4 14.4 43.0

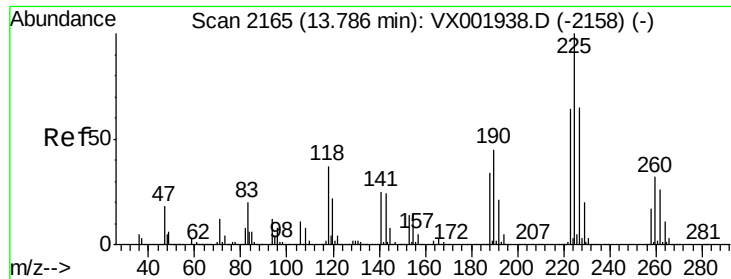


Abundance Ion 179.80 (179.50 to 180.50): VX001938.D (-2135) (-)

Ion 181.80 (181.50 to 182.50): VX001938.D (-2135) (-)

Ion 144.80 (144.50 to 145.50): VX001938.D (-2135) (-)





#94

Hexachlorobutadiene

Concen: 37.88 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

Instrument :

MSVOA_X

ClientSampleId :

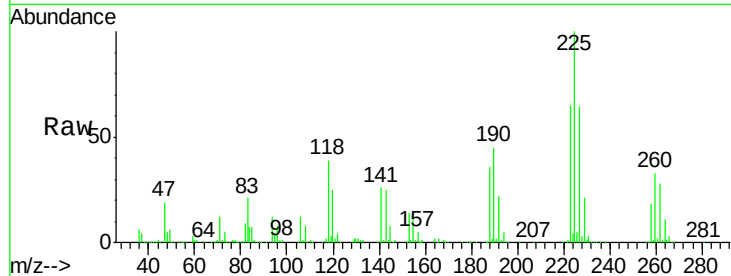
Tot Ion:225 Resp: 83089

Ion Ratio Lower Upper

225 100

223 62.9 31.1 93.5

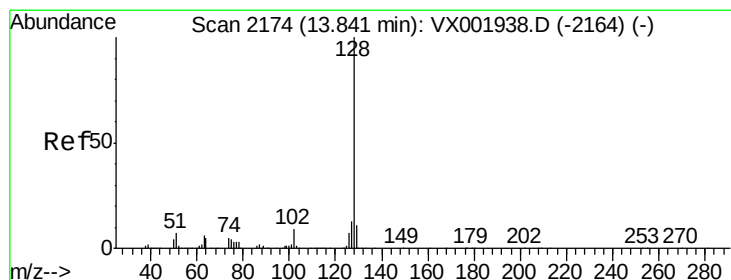
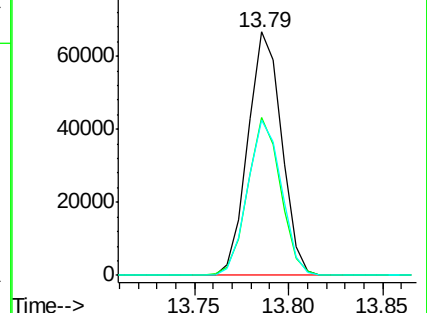
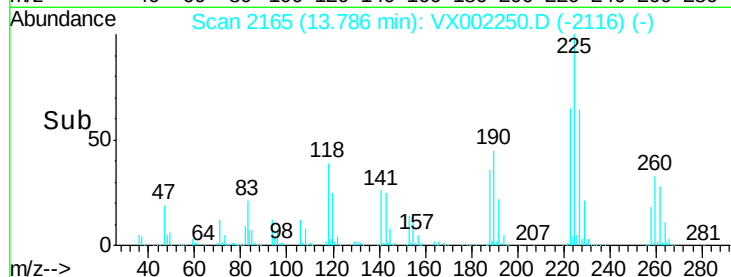
227 63.9 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 51.91 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002250.D

Acq: 02 Jun 2018 20:04

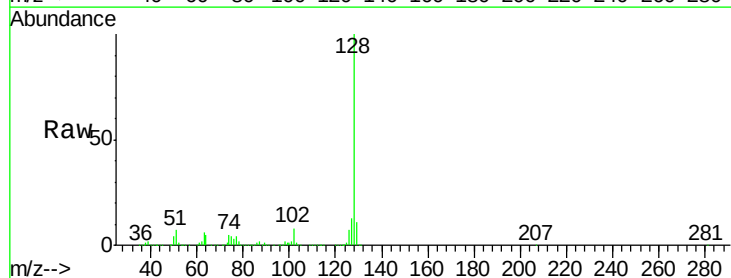
Tgt Ion:128 Resp: 652164

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

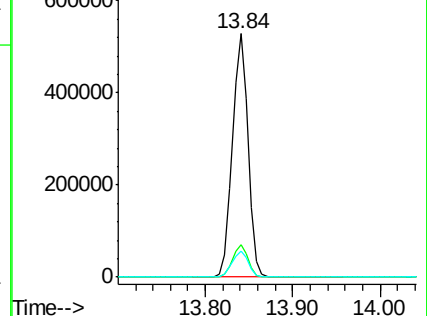
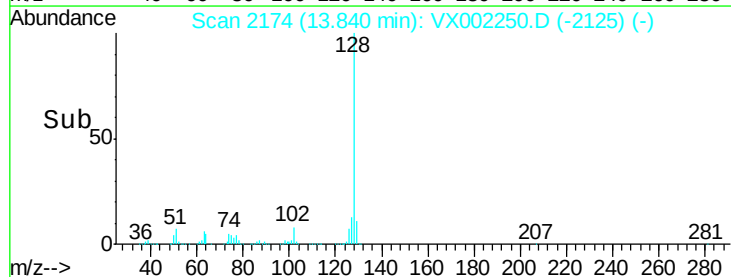
129 10.9 8.8 13.2

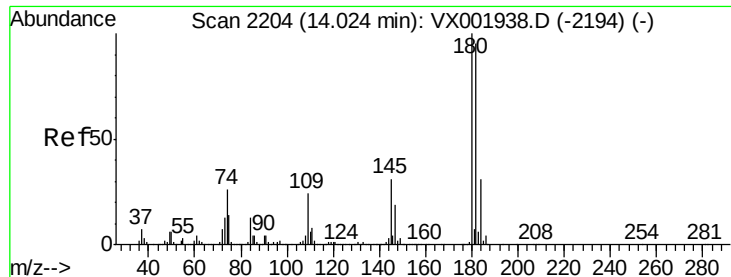


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 47.39 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX002250.D
 Acq: 02 Jun 2018 20:04

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.9	143.6
145	30.1	15.1	45.3

