

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX060218\
 Data File : VX002251.D
 Acq On : 02 Jun 2018 20:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 04 05:17:53 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	171100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	270304	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	265994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	179539	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	165710	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	
35) Dibromofluoromethane	5.51	113	125885	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
50) Toluene-d8	8.72	98	463417	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
62) 4-Bromofluorobenzene	11.14	95	184303	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59868	27.02	ug/l	98
3) Chloromethane	1.32	50	120770	45.88	ug/l	100
4) Vinyl Chloride	1.41	62	115540	45.45	ug/l	99
5) Bromomethane	1.64	94	79727	68.50	ug/l	98
6) Chloroethane	1.71	64	85420	57.01	ug/l	99
7) Trichlorofluoromethane	1.92	101	168478	44.14	ug/l	97
8) Diethyl Ether	2.19	74	93835	67.75	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	85927	40.34	ug/l	98
10) Methyl Iodide	2.51	142	164548	57.09	ug/l	97
11) Tert butyl alcohol	3.09	59	204353	340.39	ug/l	100
12) 1,1-Dichloroethene	2.37	96	100950	50.62	ug/l	93
13) Acrolein	2.30	56	61913	238.52	ug/l	99
14) Allyl chloride	2.73	41	245327	58.60	ug/l	98
15) Acrylonitrile	3.15	53	433878	351.45	ug/l	99
16) Acetone	2.45	43	430069	364.36	ug/l	99
17) Carbon Disulfide	2.56	76	220176	38.36	ug/l	99
18) Methyl Acetate	2.78	43	224815	79.74	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	507060	67.60	ug/l	100
20) Methylene Chloride	2.86	84	147544	72.96	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	120305	62.35	ug/l	97
22) Diisopropyl ether	3.88	45	478658	56.21	ug/l	98
23) Vinyl Acetate	3.83	43	2077868	294.32	ug/l	99
24) 1,1-Dichloroethane	3.70	63	249112	61.59	ug/l	100
25) 2-Butanone	4.71	43	597370	276.13	ug/l	98
26) 2,2-Dichloropropane	4.59	77	143205	34.98	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	138077	53.10	ug/l	92
28) Bromochloromethane	5.03	49	118778	70.73	ug/l	96
29) Tetrahydrofuran	5.17	42	382311	271.62	ug/l	98
30) Chloroform	5.22	83	251035	55.09	ug/l	97
31) Cyclohexane	5.57	56	137980	32.74	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	193337	45.51	ug/l	99
36) 1,1-Dichloropropene	5.80	75	150070	39.91	ug/l	98
37) Ethyl Acetate	4.87	43	231368	47.20	ug/l	99
38) Carbon Tetrachloride	5.78	117	152484	34.78	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX060218\
 Data File : VX002251.D
 Acq On : 02 Jun 2018 20:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 04 05:17:53 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)
39) Methylcyclohexane	7.46	83	130524	28.26	ug/l	97
40) Benzene	6.15	78	526812	47.83	ug/l	99
41) Methacrylonitrile	5.07	41	132618	51.31	ug/l	99
42) 1,2-Dichloroethane	6.20	62	220315	50.07	ug/l	99
43) Isopropyl Acetate	6.48	43	383546	46.96	ug/l	100
44) Trichloroethene	7.22	130	144177	44.92	ug/l	97
45) 1,2-Dichloropropane	7.52	63	144971	48.46	ug/l	98
46) Dibromomethane	7.67	93	99518	50.25	ug/l	99
47) Bromodichloromethane	7.90	83	183985	43.57	ug/l	100
48) Methyl methacrylate	7.78	41	195999	47.15	ug/l	97
49) 1,4-Dioxane	7.76	88	78063	1065.69	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1266696	257.28	ug/l	100
52) Toluene	8.79	92	339354	48.41	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	218942	45.01	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	206442	43.56	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	152279	52.00	ug/l	98
56) Ethyl methacrylate	9.19	69	242289	48.10	ug/l	98
57) 1,3-Dichloropropane	9.38	76	252068	52.25	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	539035	241.44	ug/l	99
59) 2-Hexanone	9.50	43	981267	258.48	ug/l	100
60) Dibromochloromethane	9.59	129	154644	44.58	ug/l	99
61) 1,2-Dibromoethane	9.68	107	158510	51.58	ug/l	99
64) Tetrachloroethene	9.34	164	161398	42.32	ug/l	99
65) Chlorobenzene	10.14	112	403538	47.88	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	152335	44.76	ug/l	100
67) Ethyl Benzene	10.26	91	655967	44.80	ug/l	100
68) m/p-Xylenes	10.37	106	512321	91.53	ug/l	99
69) o-Xylene	10.70	106	262189	46.91	ug/l	99
70) Styrene	10.71	104	444088	47.92	ug/l	99
71) Bromoform	10.86	173	122013	37.81	ug/l #	100
73) Isopropylbenzene	11.02	105	656472	43.18	ug/l	100
74) N-amyl acetate	6.48	43	383546	48.54	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	227796	54.91	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	273738	63.48	ug/l	80
77) Bromobenzene	11.26	156	198108	49.11	ug/l	95
78) n-propylbenzene	11.37	91	737861	43.33	ug/l	100
79) 2-Chlorotoluene	11.43	91	474857	50.88	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	572124	44.03	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	60174	33.54	ug/l	87
82) 4-Chlorotoluene	11.51	91	556931	46.37	ug/l	100
83) tert-Butylbenzene	11.77	119	545076	42.75	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	609423	45.39	ug/l	99
85) sec-Butylbenzene	11.95	105	638980	41.69	ug/l	100
86) p-Isopropyltoluene	12.07	119	591854	43.15	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	346610	47.98	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	349372	48.37	ug/l	99
89) n-Butylbenzene	12.39	91	482496	41.52	ug/l	99
90) Hexachloroethane	12.60	117	92935	34.35	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	366783	49.83	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52887	39.13	ug/l	97

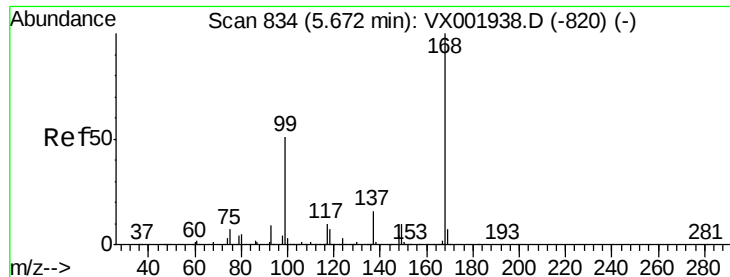
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX060218\
Data File : VX002251.D
Acq On : 02 Jun 2018 20:31
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 04 05:17:53 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)
93) 1,2,4-Trichlorobenzene	13.65	180	250965	47.68	ug/l	99
94) Hexachlorobutadiene	13.79	225	108020	38.15	ug/l	99
95) Naphthalene	13.84	128	798525	49.25	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	265389	48.73	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

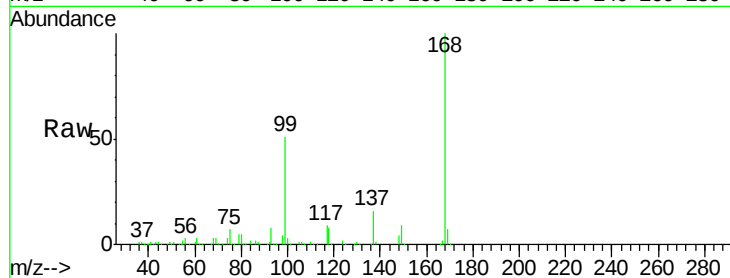
VSTDCCC050EC

Tot Ion:168 Resp: 171100

Ion Ratio Lower Upper

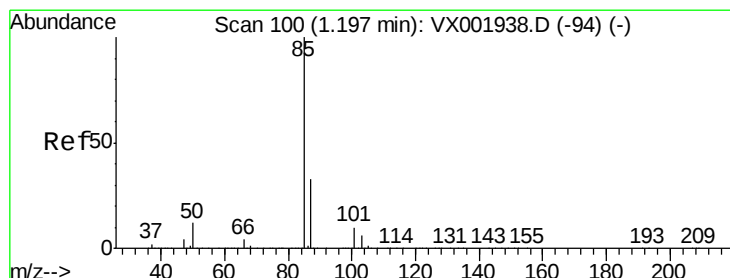
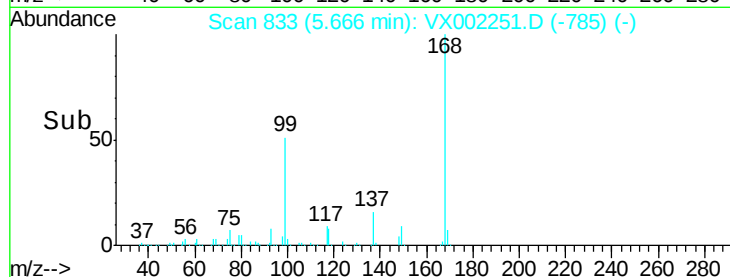
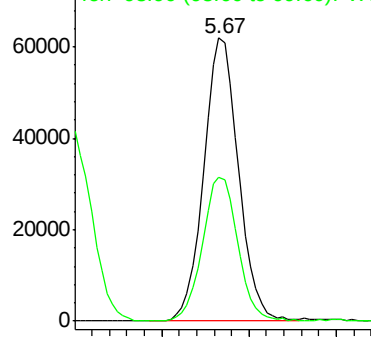
168 100

99 50.7 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 27.02 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002251.D

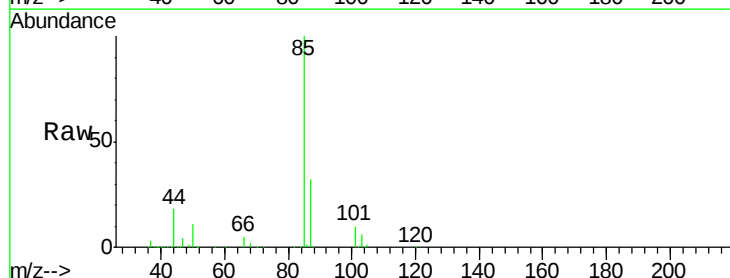
Acq: 02 Jun 2018 20:31

Tgt Ion: 85 Resp: 59868

Ion Ratio Lower Upper

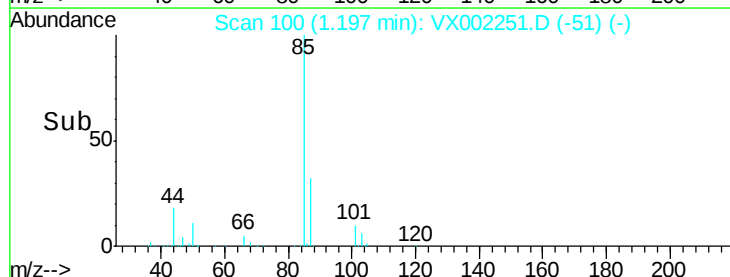
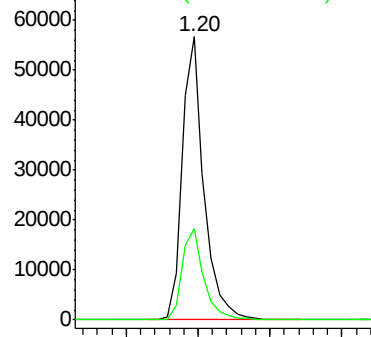
85 100

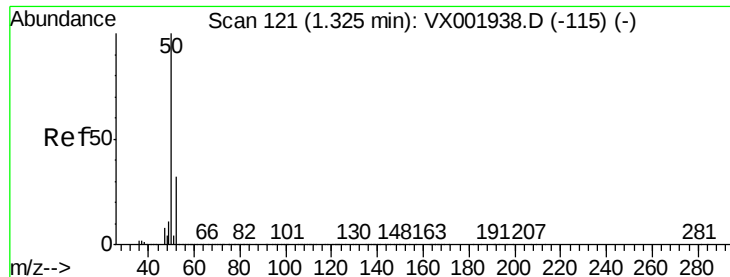
87 32.1 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.88 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

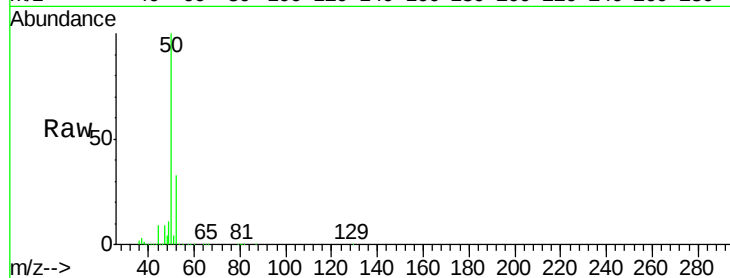
VSTDCCC050EC

Tot Ion: 50 Resp: 120770

Ion Ratio Lower Upper

50 100

52 32.6 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

120000

100000

80000

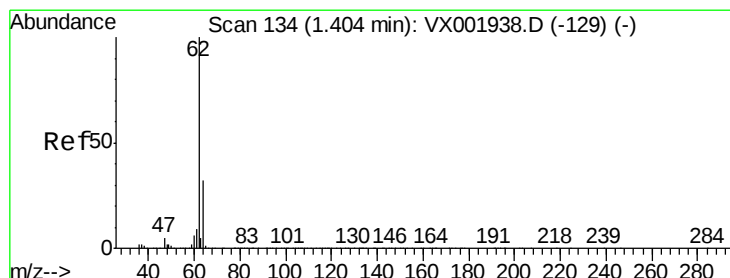
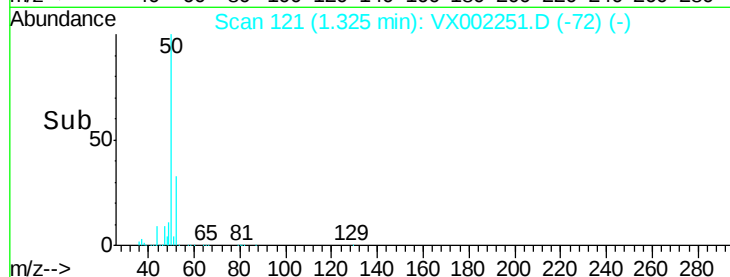
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 45.45 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002251.D

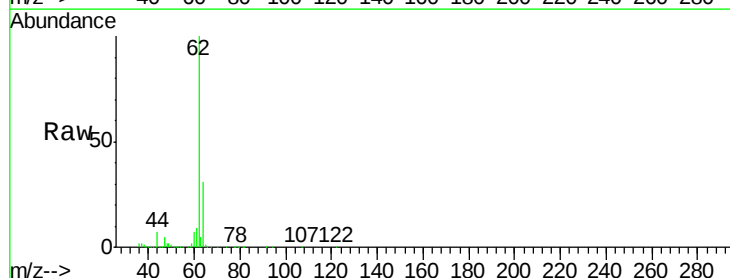
Acq: 02 Jun 2018 20:31

Tgt Ion: 62 Resp: 115540

Ion Ratio Lower Upper

62 100

64 31.4 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

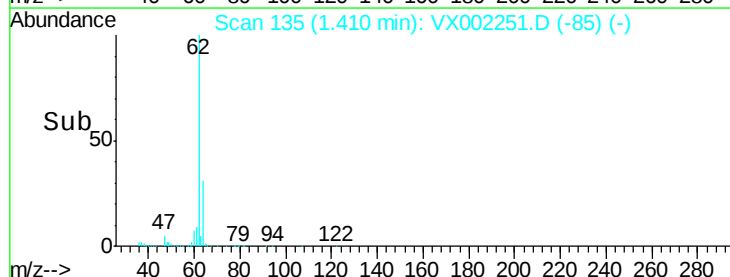
60000

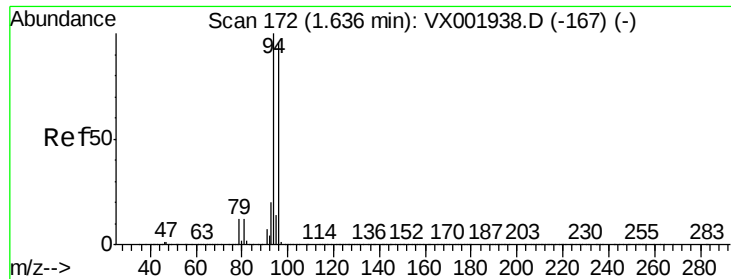
40000

20000

0

Time-->





#5

Bromomethane

Concen: 68.50 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

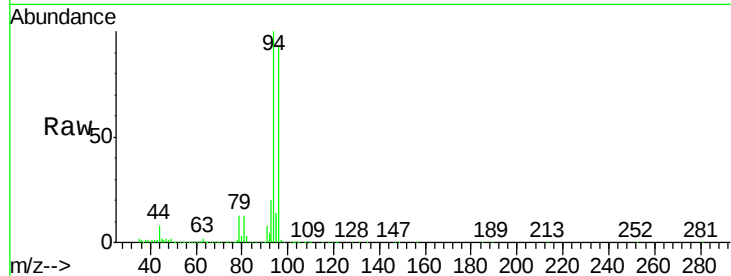
VSTDCCC050EC

Tot Ion: 94 Resp: 79727

Ion Ratio Lower Upper

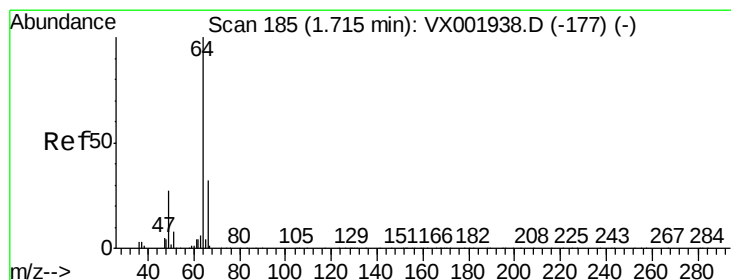
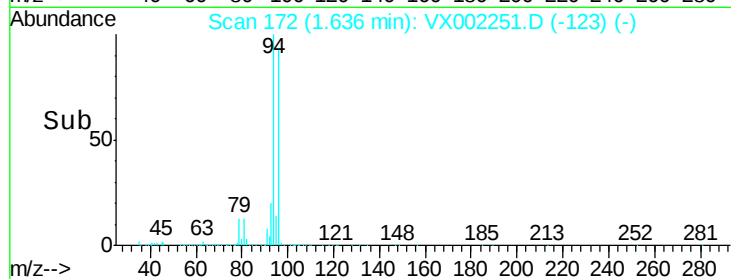
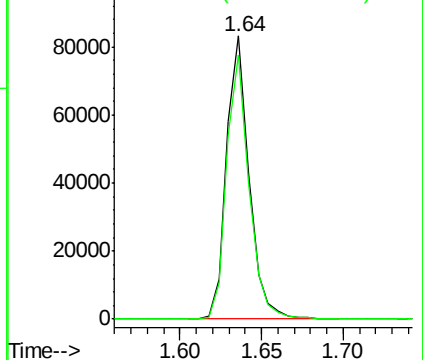
94 100

96 93.2 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: 57.01 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX002251.D

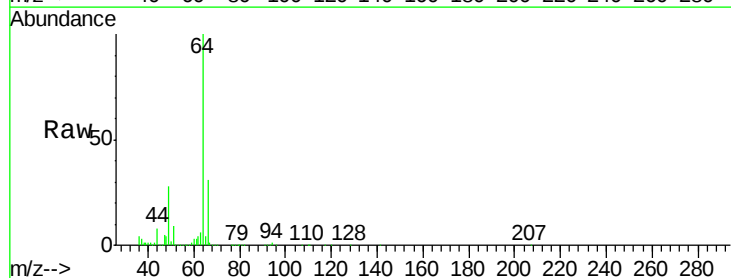
Acq: 02 Jun 2018 20:31

Tgt Ion: 64 Resp: 85420

Ion Ratio Lower Upper

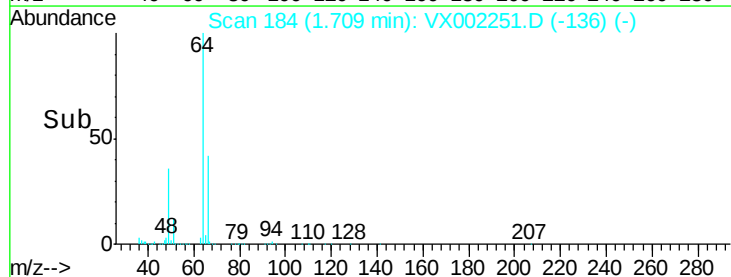
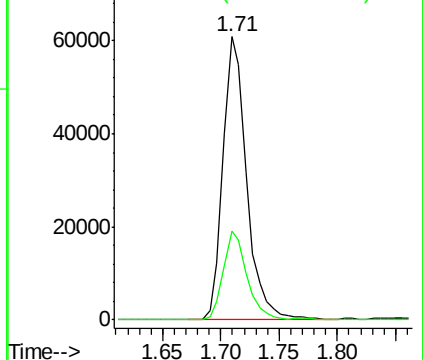
64 100

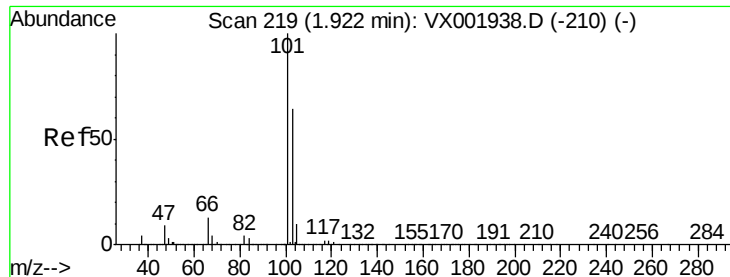
66 31.2 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



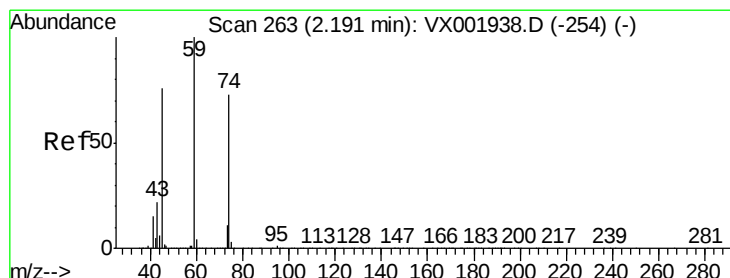
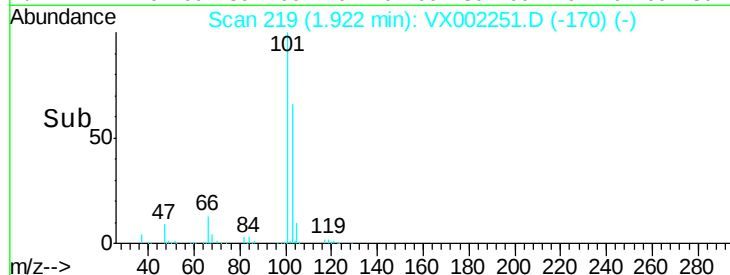
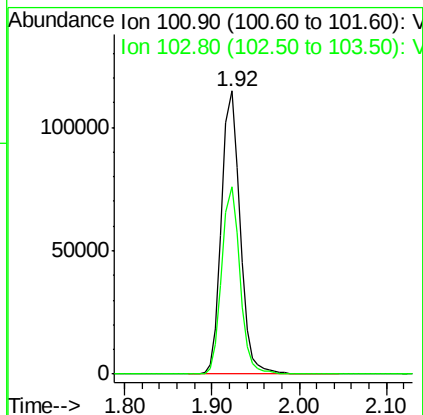
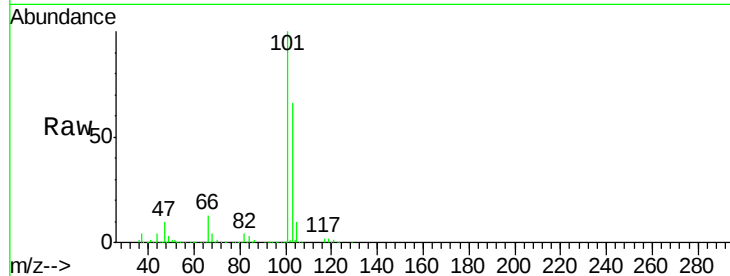


#7

Trichlorofluoromethane
Concen: 44.14 ug/l
RT: 1.92 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX002251.D
Acq: 02 Jun 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

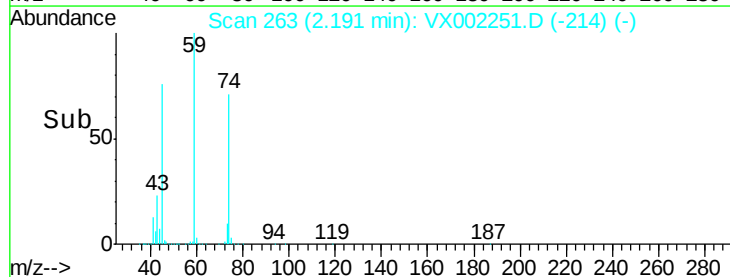
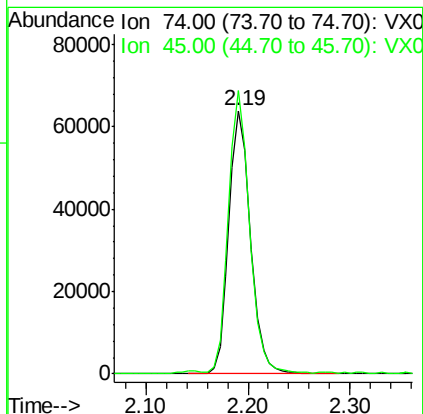
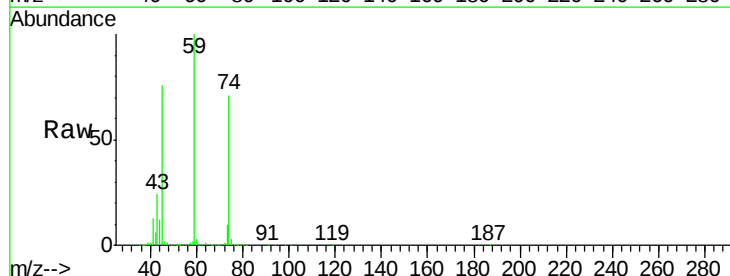
Tot Ion:101 Resp: 168478
Ion Ratio Lower Upper
101 100
103 66.4 51.4 77.0

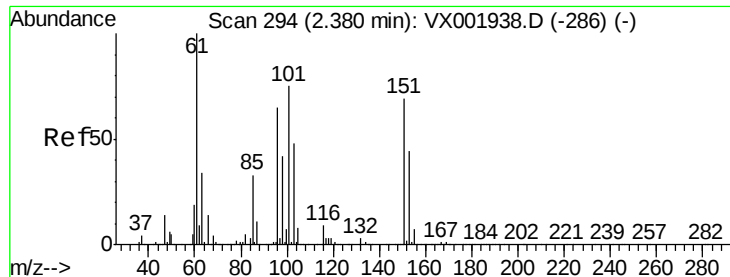


#8

Diethyl Ether
Concen: 67.75 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002251.D
Acq: 02 Jun 2018 20:31

Tgt Ion: 74 Resp: 93835
Ion Ratio Lower Upper
74 100
45 104.1 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.34 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

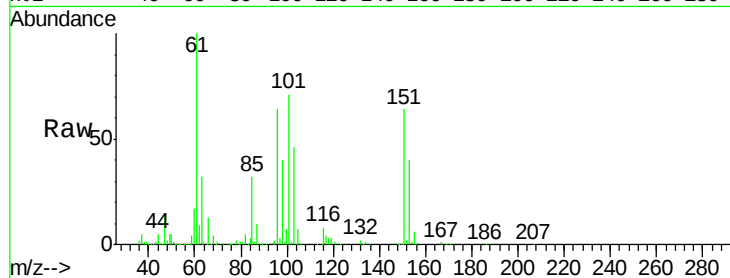
Tot Ion:101 Resp: 85927

Ion Ratio Lower Upper

101 100

85 45.0 35.6 53.4

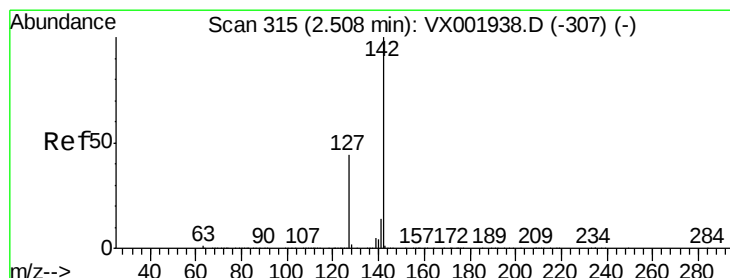
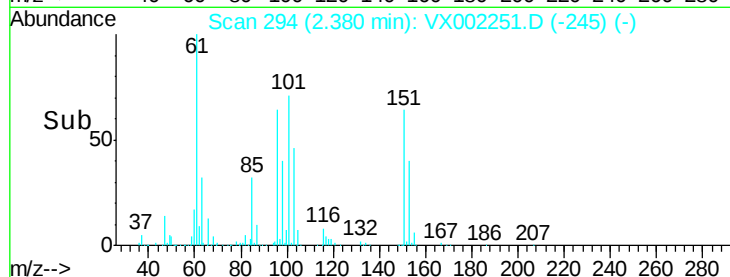
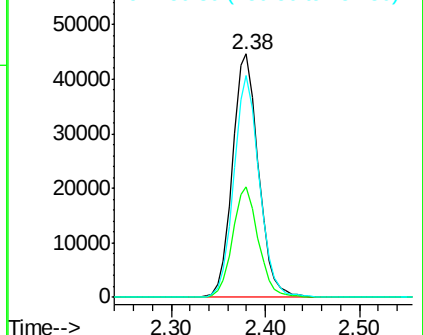
151 89.1 73.2 109.8



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



#10

Methyl Iodide

Concen: 57.09 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

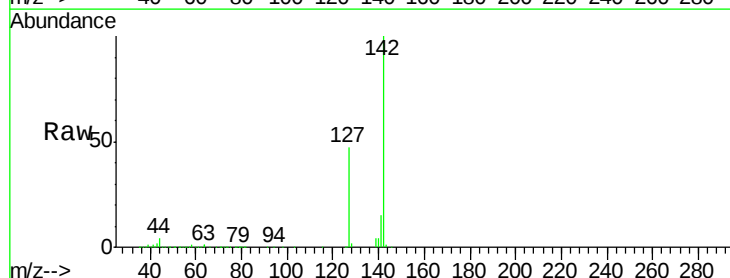
Tgt Ion:142 Resp: 164548

Ion Ratio Lower Upper

142 100

127 46.6 35.5 53.3

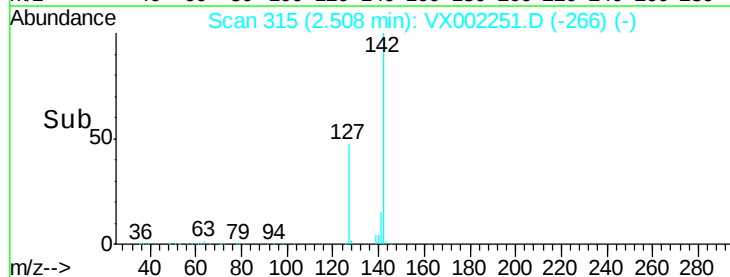
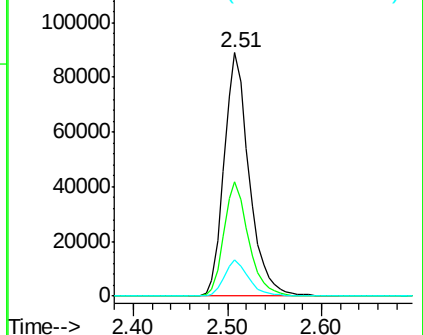
141 14.5 11.3 16.9

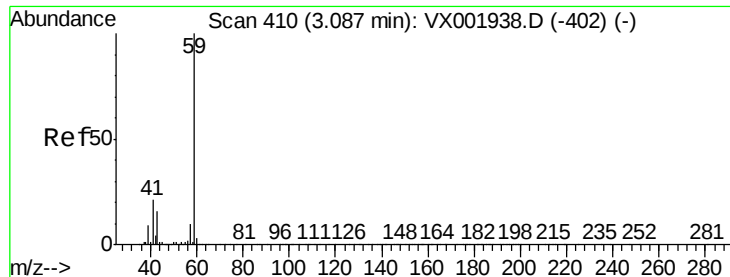


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



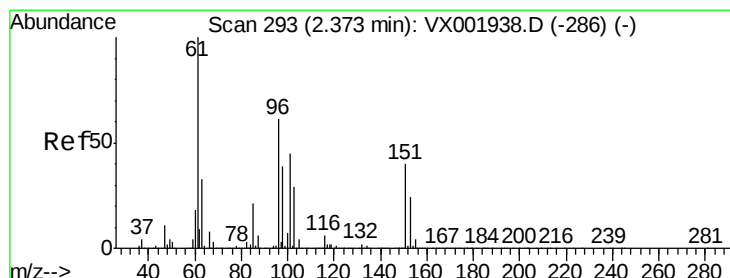
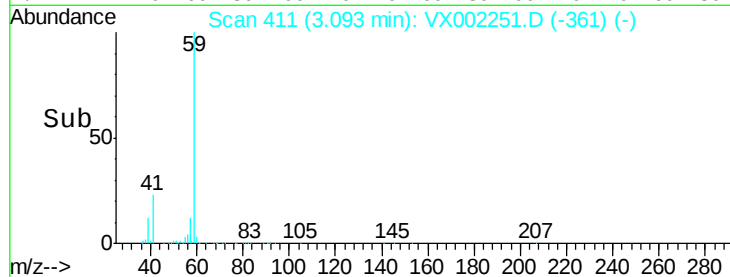
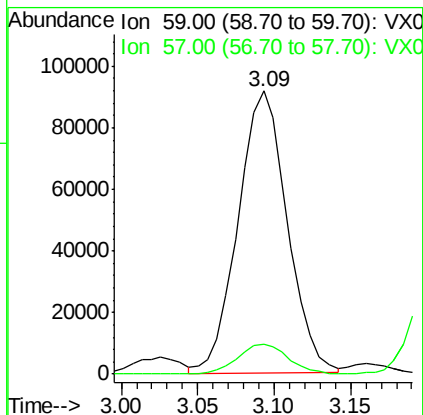
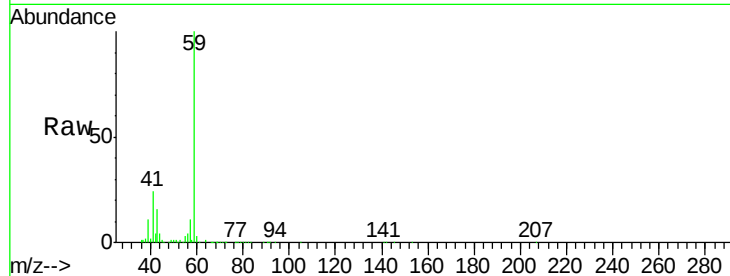


#11

Tert butyl alcohol
Concen: 340.39 ug/l
RT: 3.09 min Scan# 411
Delta R.T. 0.01 min
Lab File: VX002251.D
Acq: 02 Jun 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

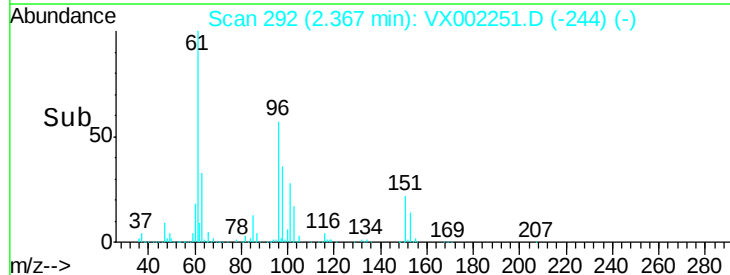
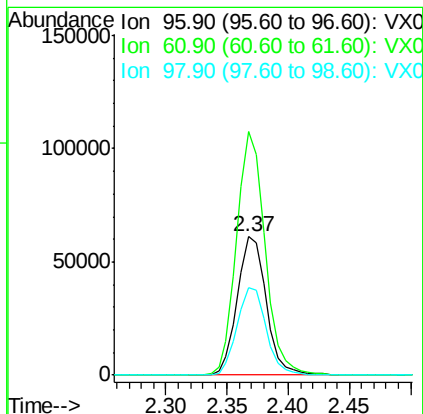
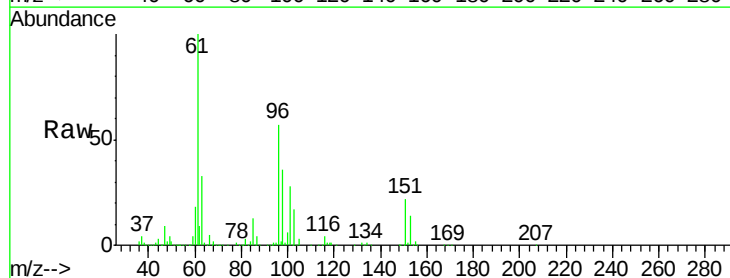
Tot Ion: 59 Resp: 204353
Ion Ratio Lower Upper
59 100
57 11.1 8.9 13.3

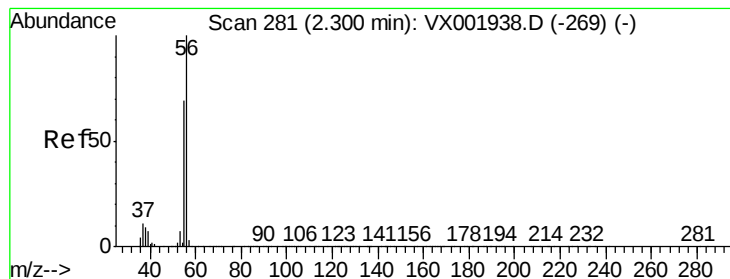


#12

1,1-Dichloroethene
Concen: 50.62 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX002251.D
Acq: 02 Jun 2018 20:31

Tgt Ion: 96 Resp: 100950
Ion Ratio Lower Upper
96 100
61 176.2 131.7 197.5
98 63.0 51.6 77.4





#13

Acrolein

Concen: 238.52 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

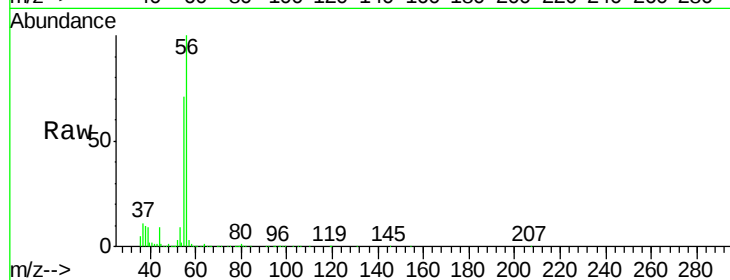
VSTDCCC050EC

Tot Ion: 56 Resp: 61913

Ion Ratio Lower Upper

56 100

55 70.6 56.8 85.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

40000

30000

20000

10000

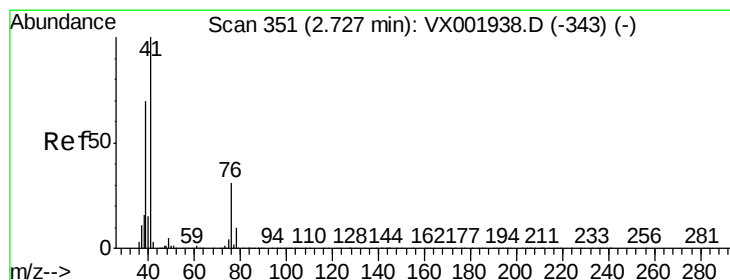
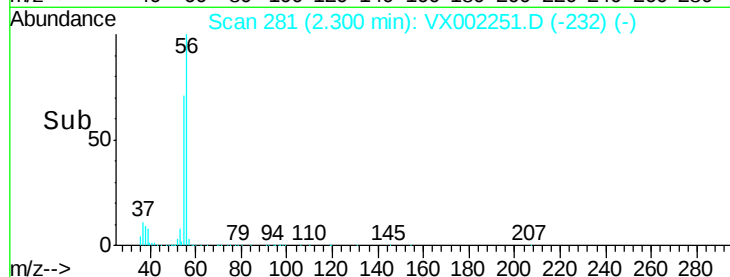
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 58.60 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

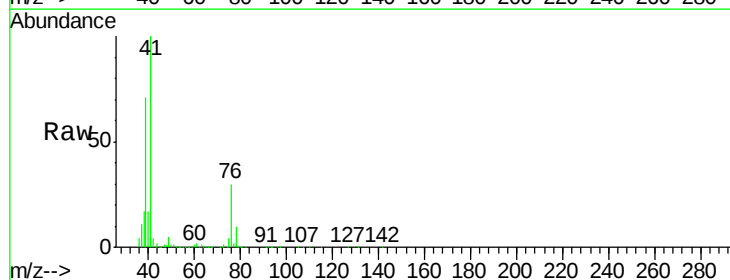
Tgt Ion: 41 Resp: 245327

Ion Ratio Lower Upper

41 100

39 69.4 54.3 81.5

76 28.7 24.2 36.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

150000

100000

50000

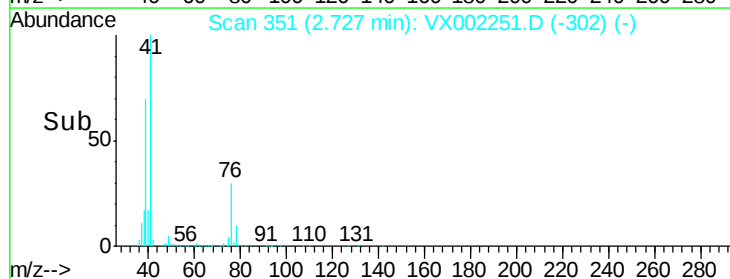
0

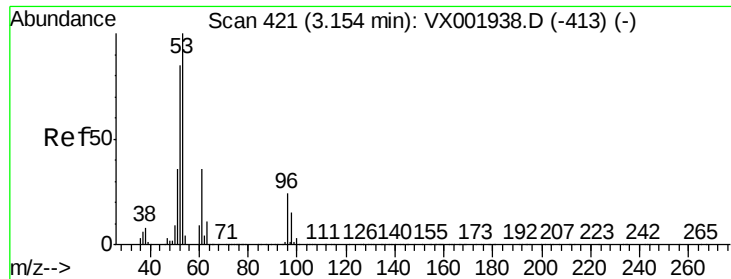
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 351.45 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

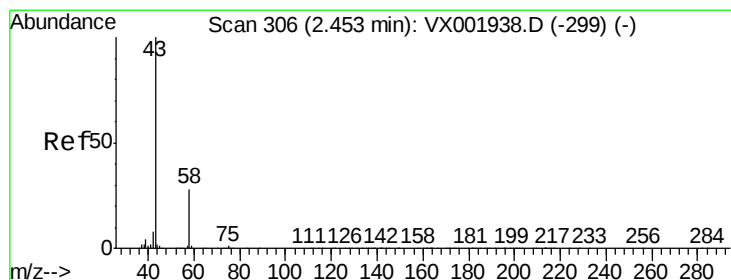
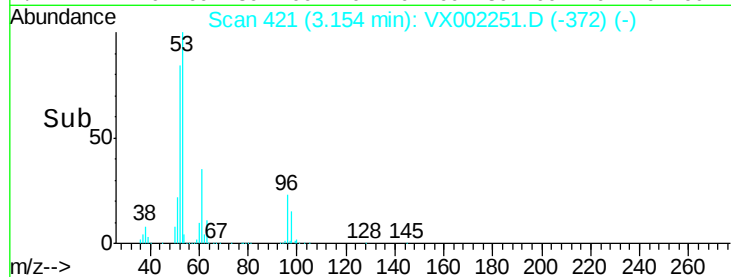
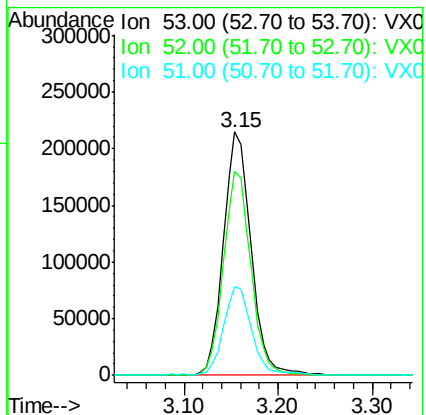
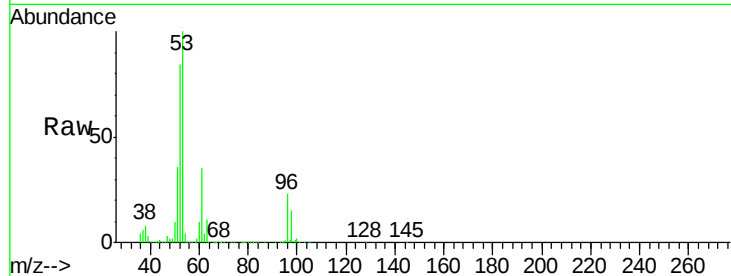
Tot Ion: 53 Resp: 433878

Ion Ratio Lower Upper

53 100

52 83.4 66.4 99.6

51 37.1 29.3 43.9



#16

Acetone

Concen: 364.36 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002251.D

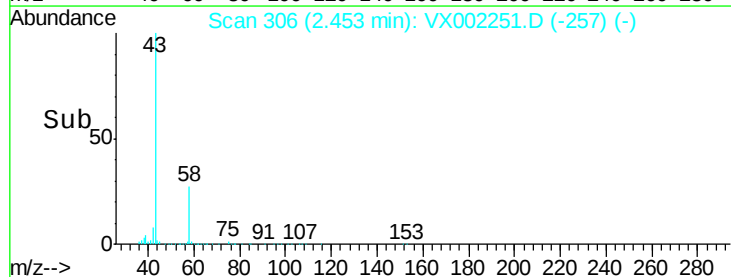
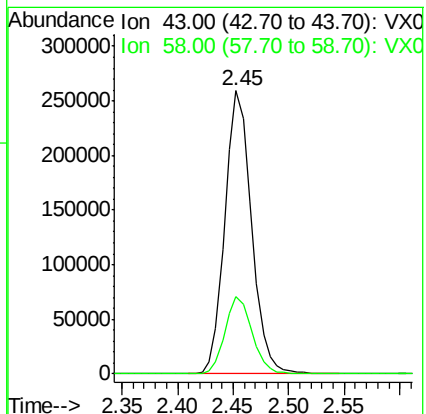
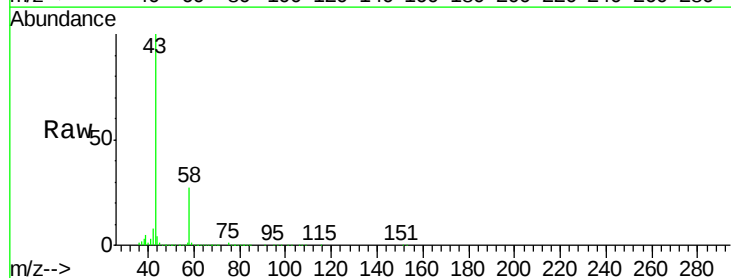
Acq: 02 Jun 2018 20:31

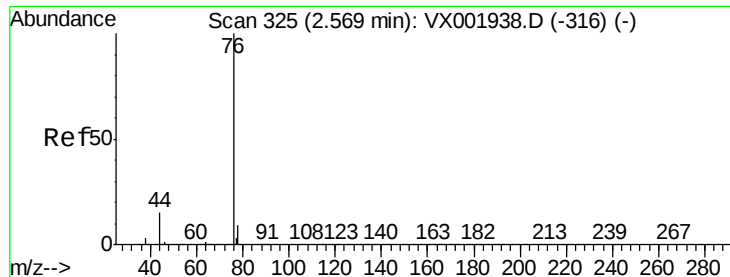
Tgt Ion: 43 Resp: 430069

Ion Ratio Lower Upper

43 100

58 27.4 22.3 33.5

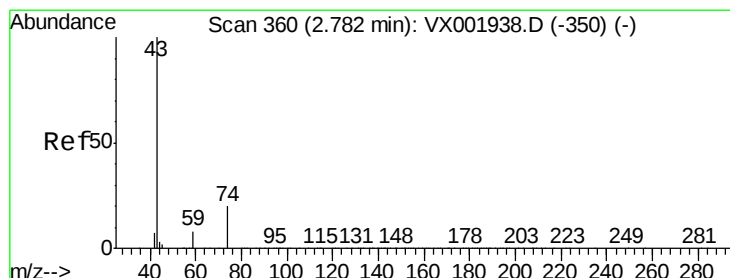
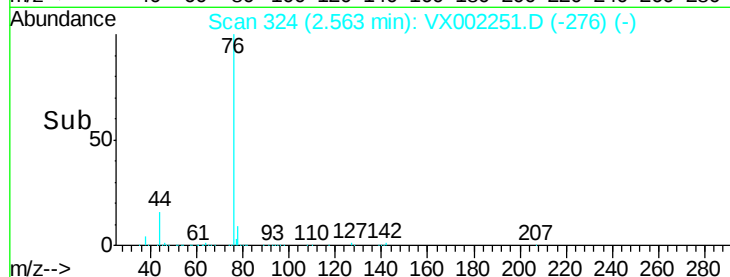
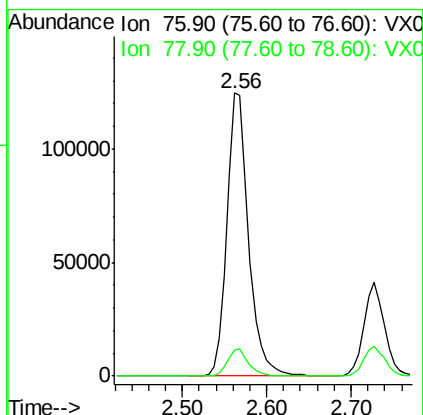
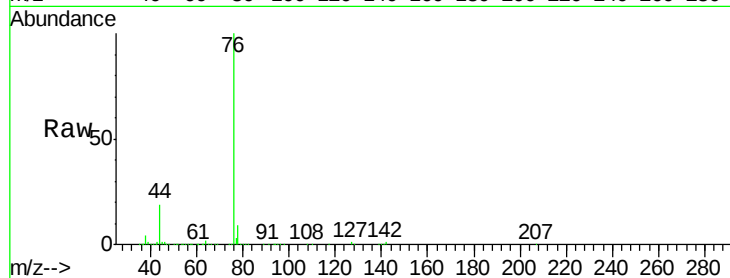




#17
Carbon Disulfide
Concen: 38.36 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX002251.D
Acq: 02 Jun 2018 20:31

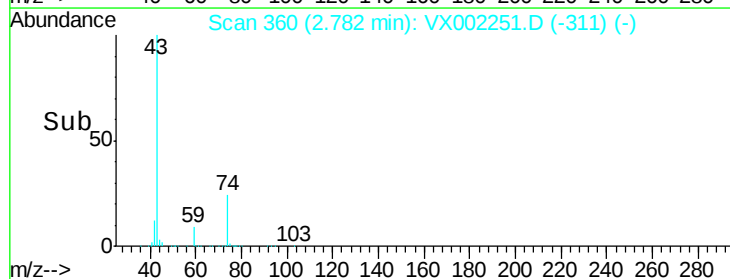
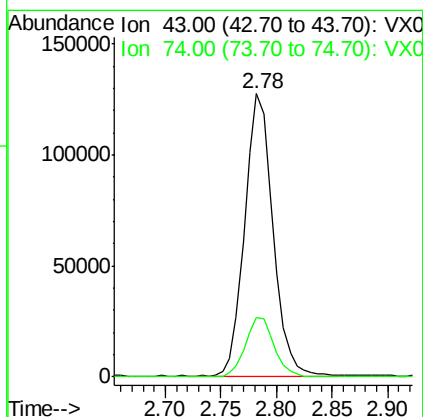
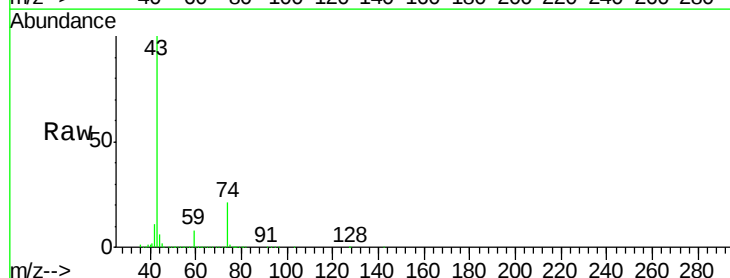
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

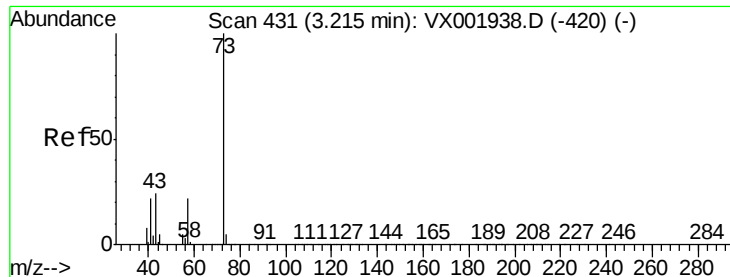
Tot Ion: 76 Resp: 220176
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 79.74 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002251.D
Acq: 02 Jun 2018 20:31

Tgt Ion: 43 Resp: 224815
Ion Ratio Lower Upper
43 100
74 21.2 16.8 25.2

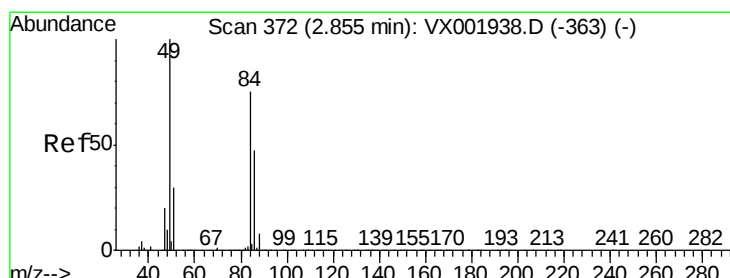
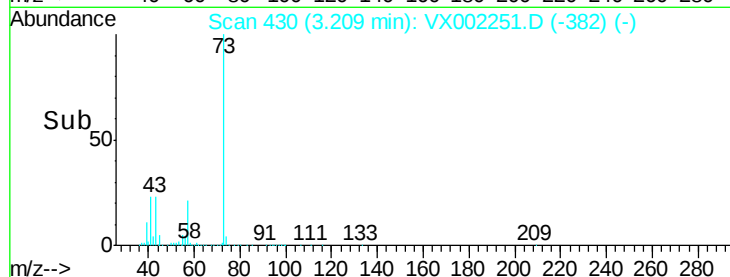
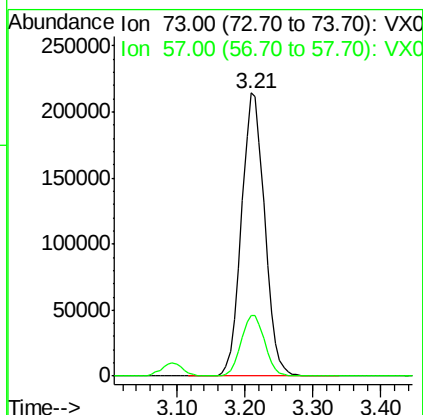
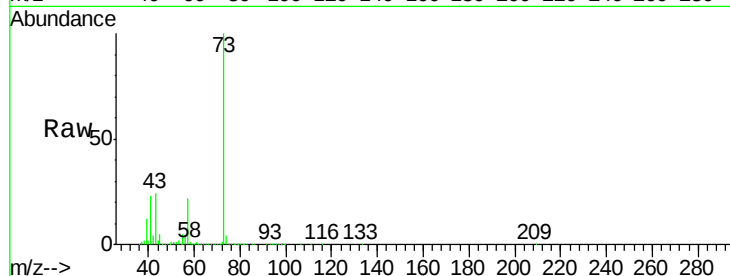




#19
Methvl tert-butvl Ether
Concen: 67.60 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002251.D
Acq: 02 Jun 2018 20:31

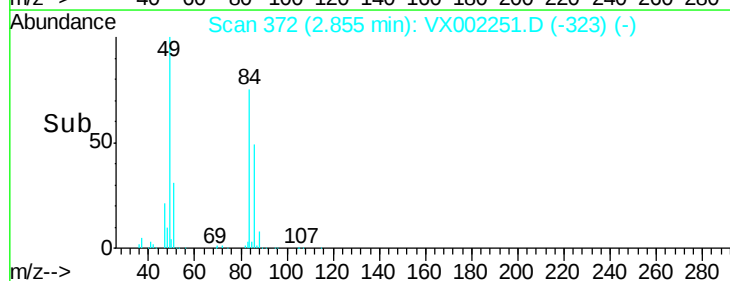
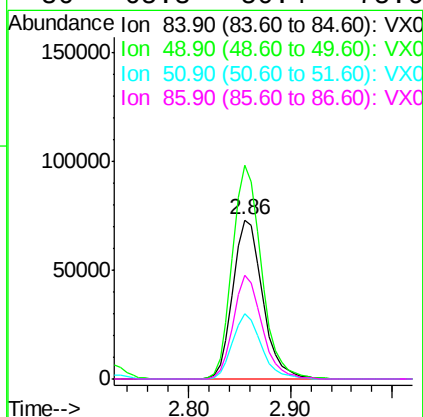
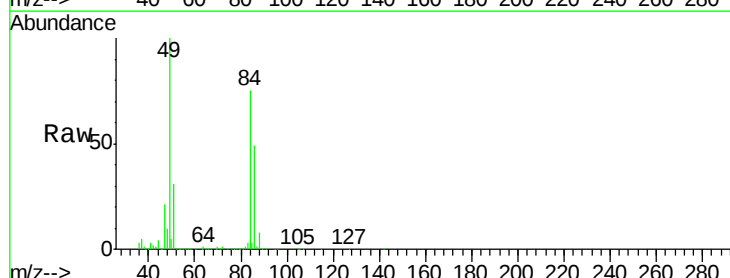
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

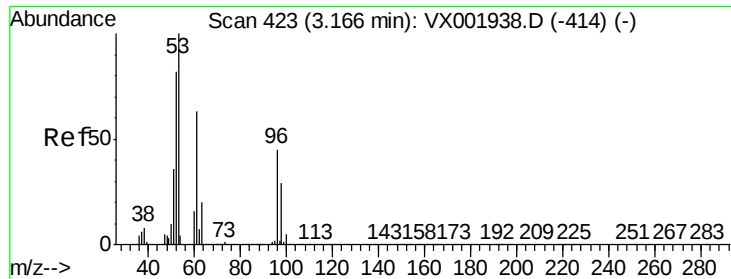
Tot Ion: 73 Resp: 507060
Ion Ratio Lower Upper
73 100
57 21.5 17.4 26.0



#20
Methylene Chloride
Concen: 72.96 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX002251.D
Acq: 02 Jun 2018 20:31

Tgt Ion: 84 Resp: 147544
Ion Ratio Lower Upper
84 100
49 134.1 107.2 160.8
51 41.2 32.4 48.6
86 65.3 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 62.35 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

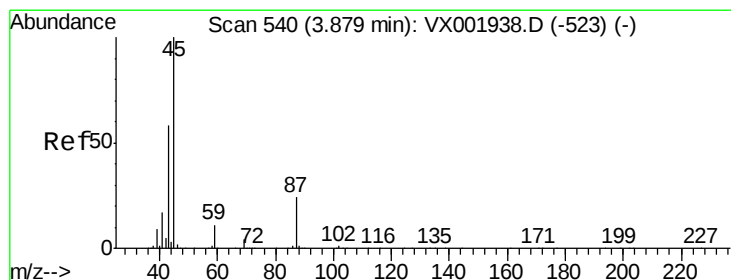
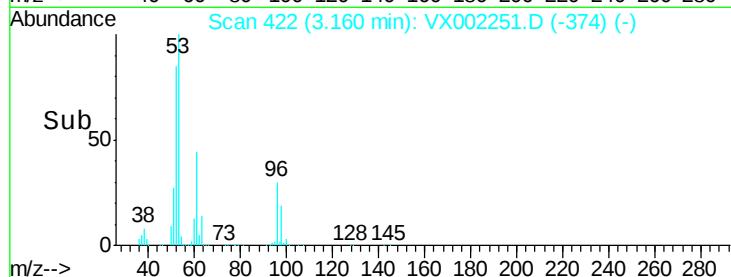
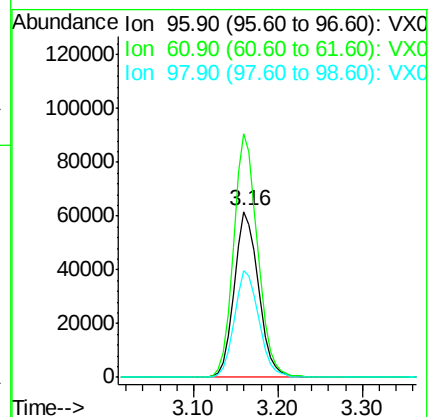
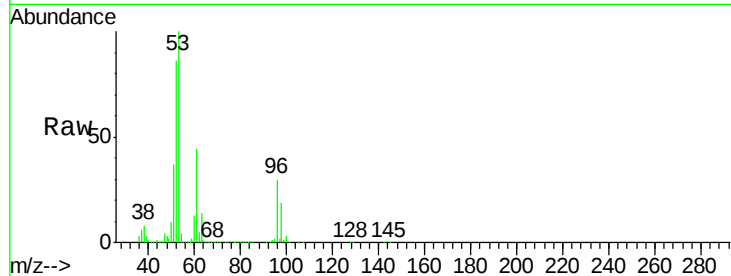
Tot Ion: 96 Resp: 120305

Ion Ratio Lower Upper

96 100

61 146.4 113.3 169.9

98 64.2 51.7 77.5



#22

Diisopropyl ether

Concen: 56.21 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Tgt Ion: 45 Resp: 478658

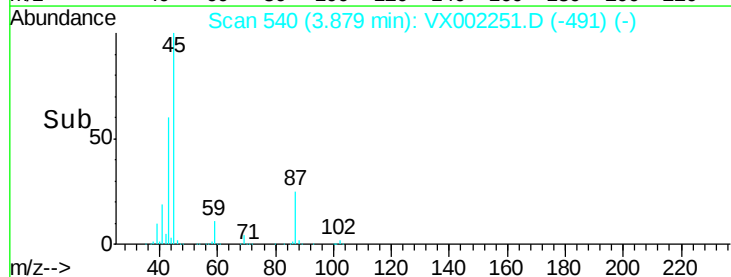
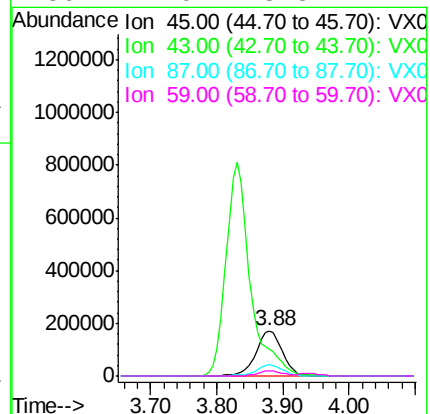
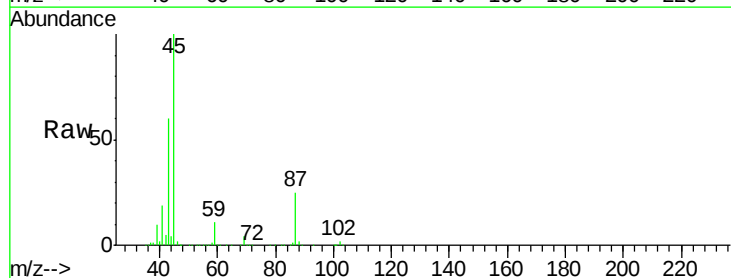
Ion Ratio Lower Upper

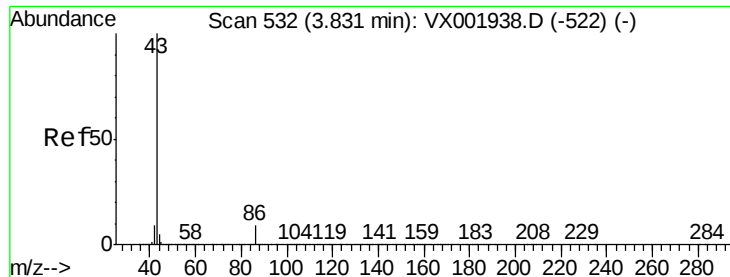
45 100

43 60.0 47.0 70.6

87 25.4 19.4 29.0

59 11.0 8.5 12.7





#23

Vinyl Acetate

Concen: 294.32 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

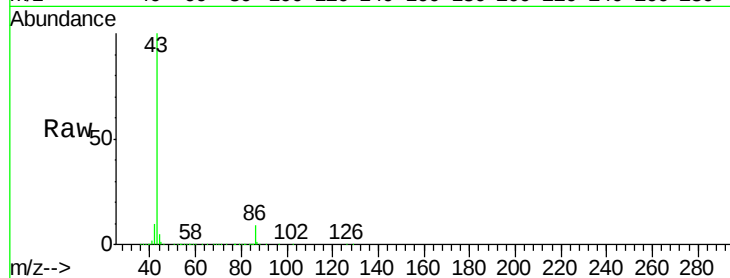
VSTDCCC050EC

Tot Ion: 43 Resp: 2077868

Ion Ratio Lower Upper

43 100

86 9.2 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

800000

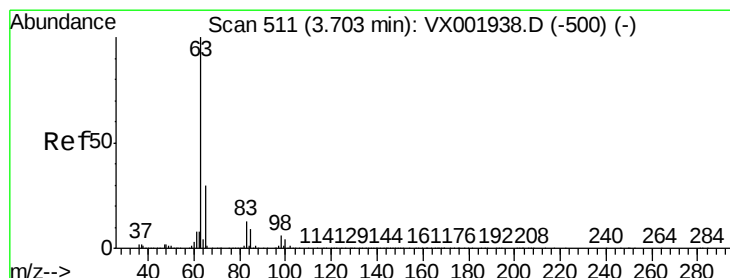
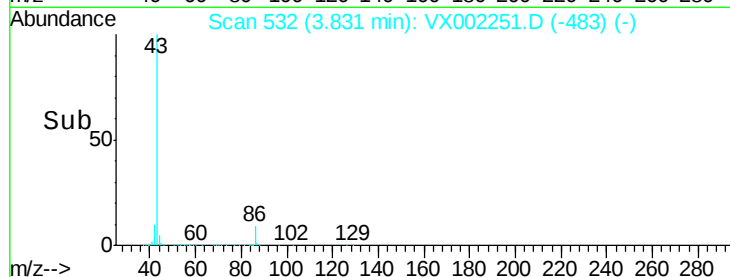
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 61.59 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

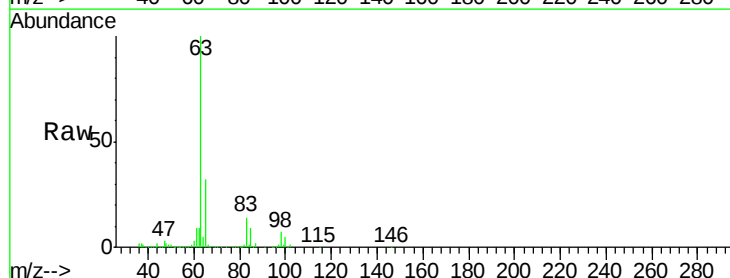
Tgt Ion: 63 Resp: 249112

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

100 4.5 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

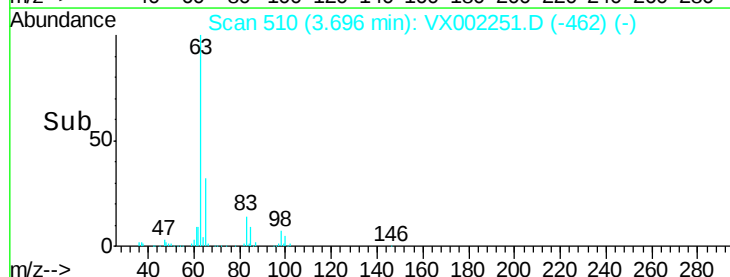
3.70

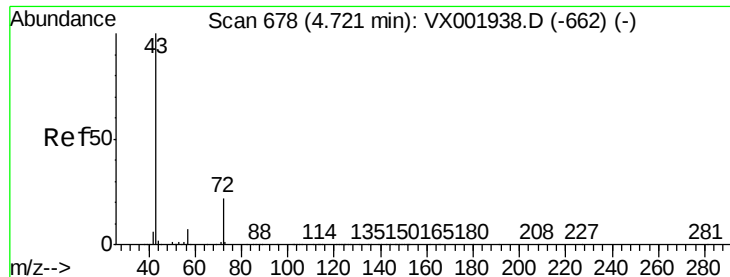
100000

50000

0

Time-->





#25

2-Butanone

Concen: 276.13 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

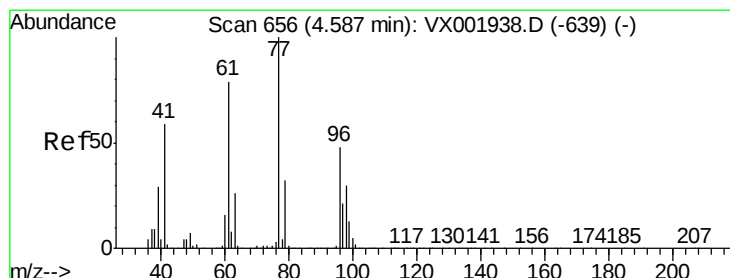
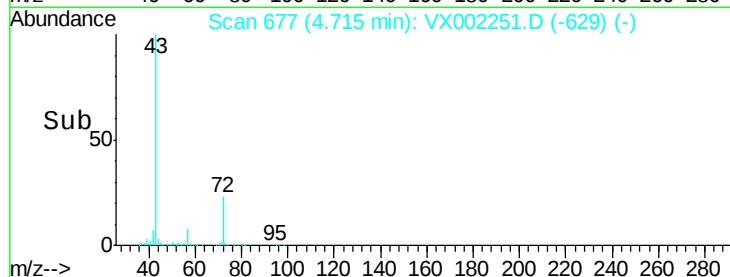
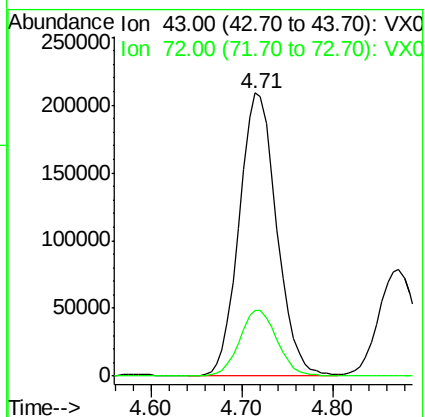
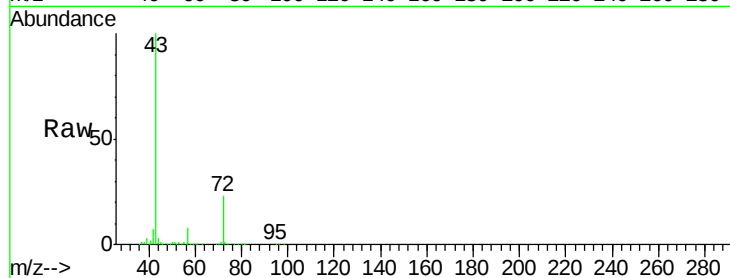
VSTDCCC050EC

Tot Ion: 43 Resp: 597370

Ion Ratio Lower Upper

43 100

72 23.4 17.9 26.9



#26

2,2-Dichloropropane

Concen: 34.98 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002251.D

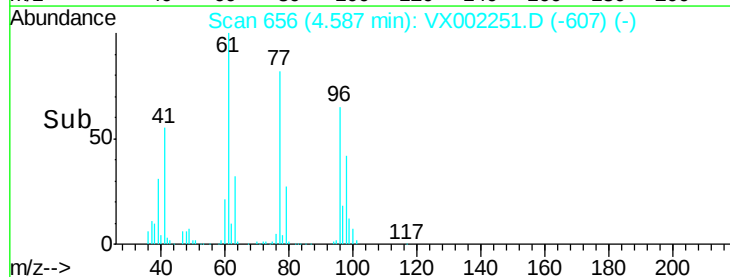
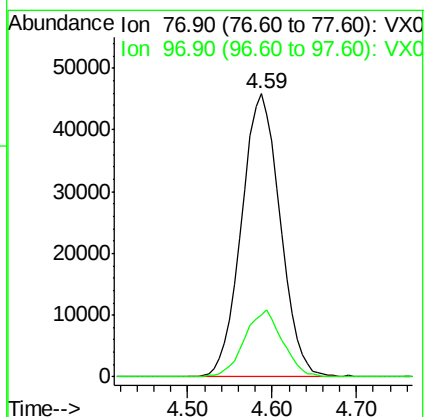
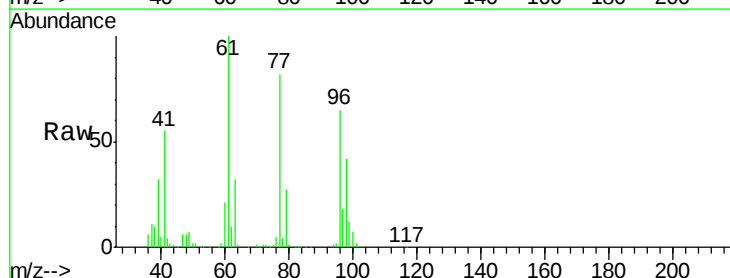
Acq: 02 Jun 2018 20:31

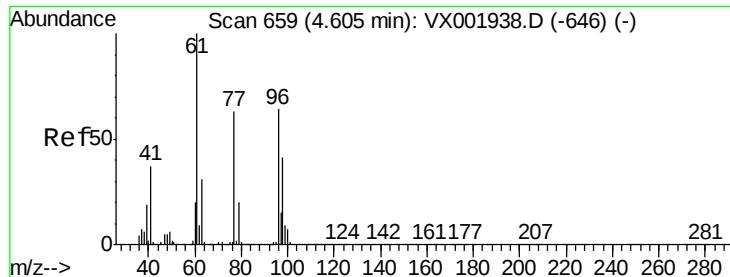
Tgt Ion: 77 Resp: 143205

Ion Ratio Lower Upper

77 100

97 23.2 11.2 33.5



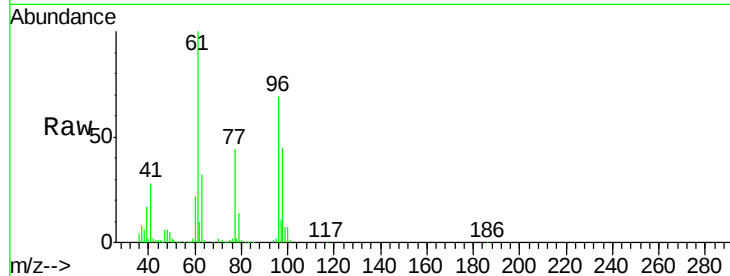


#27

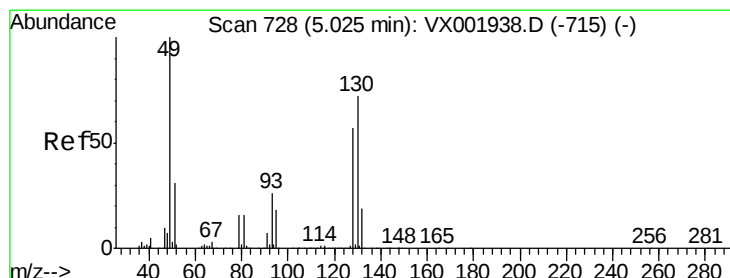
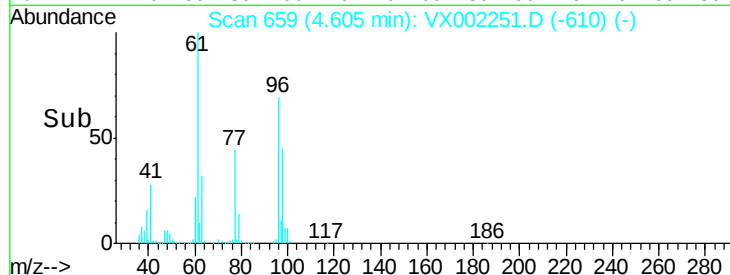
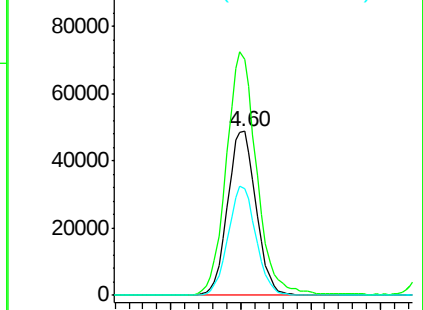
cis-1,2-Dichloroethene
Concen: 53.10 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX002251.D
Acq: 02 Jun 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.8	0.0	348.4
98	65.1	0.0	128.6



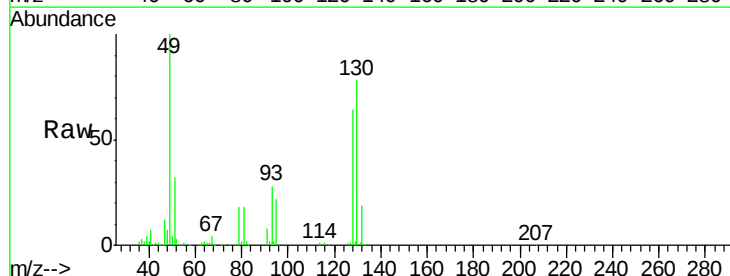
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



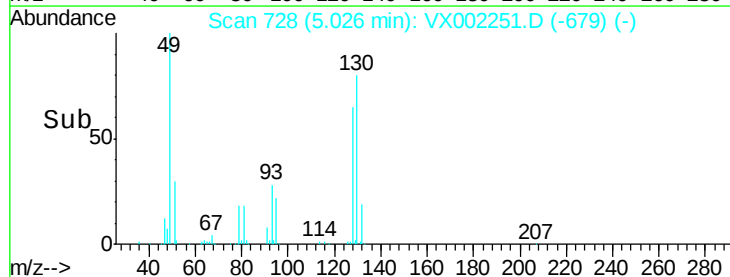
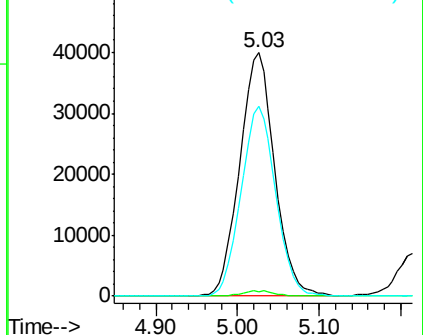
#28

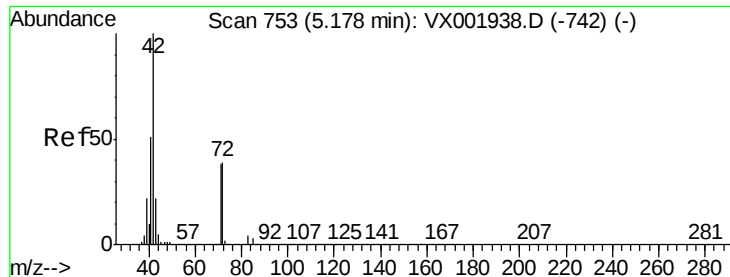
Bromochloromethane
Concen: 70.73 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002251.D
Acq: 02 Jun 2018 20:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	77.4	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: 271.62 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

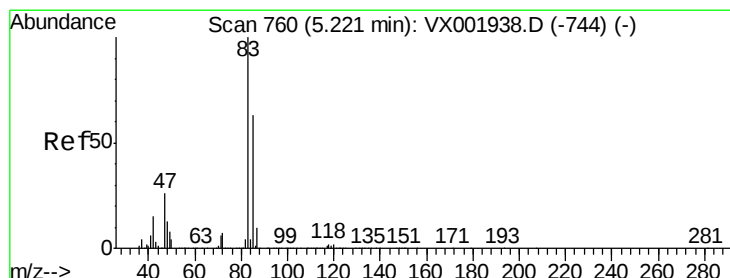
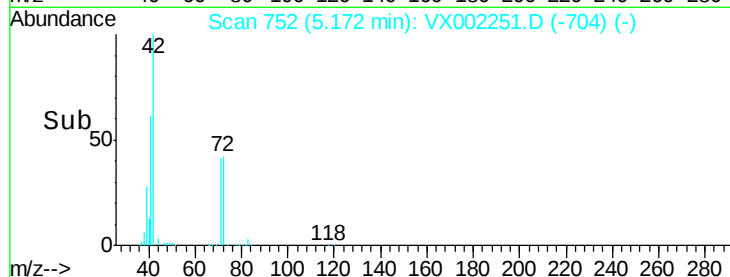
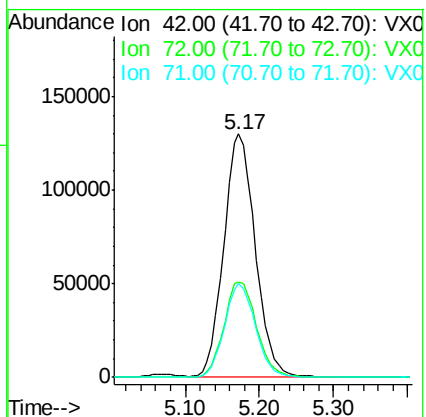
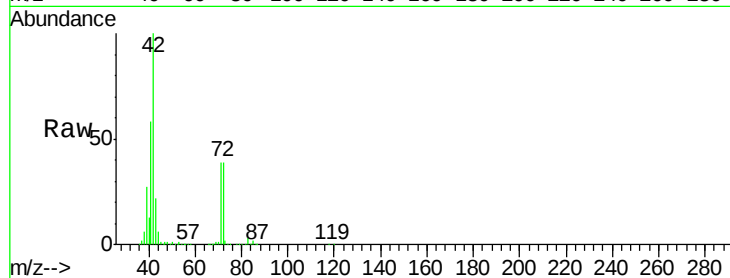
Tot Ion: 42 Resp: 382311

Ion Ratio Lower Upper

42 100

72 40.9 31.4 47.0

71 38.0 29.5 44.3



#30

Chloroform

Concen: 55.09 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX002251.D

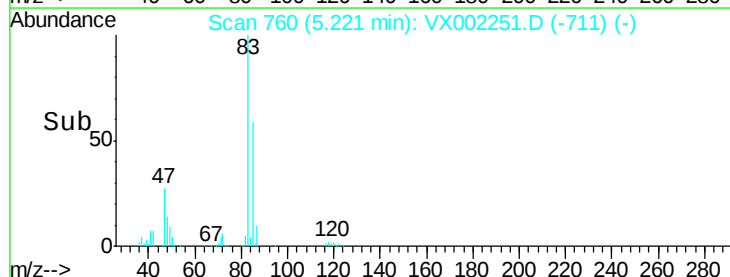
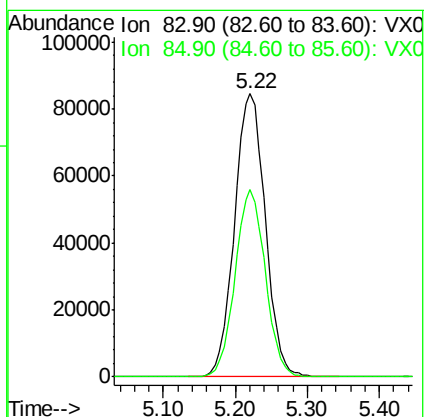
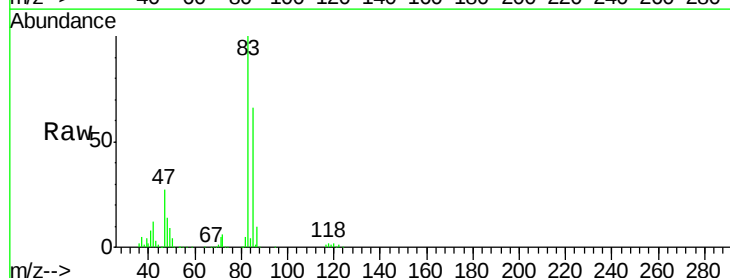
Acq: 02 Jun 2018 20:31

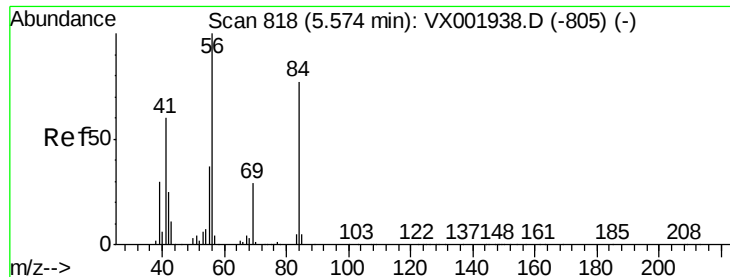
Tgt Ion: 83 Resp: 251035

Ion Ratio Lower Upper

83 100

85 66.1 50.9 76.3

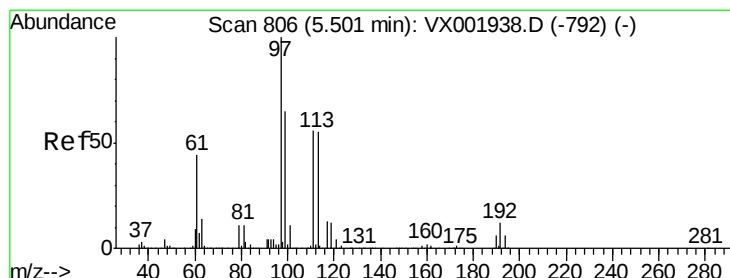
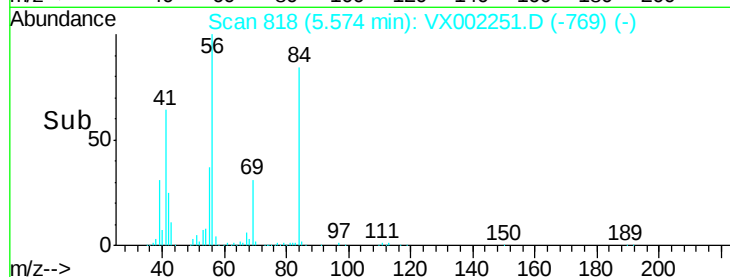
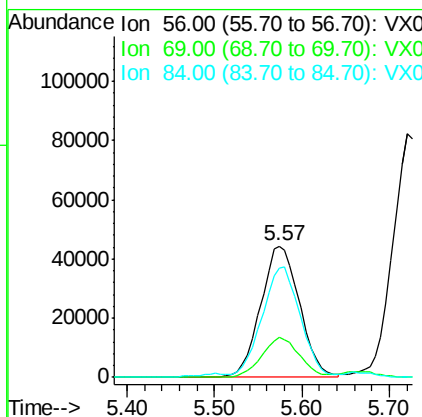
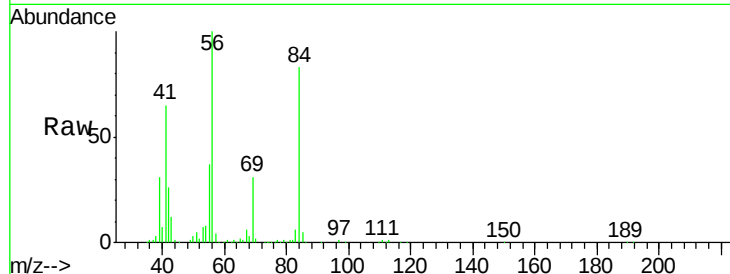




#31
Cyclohexane
Concen: 32.74 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX002251.D
Acq: 02 Jun 2018 20:31

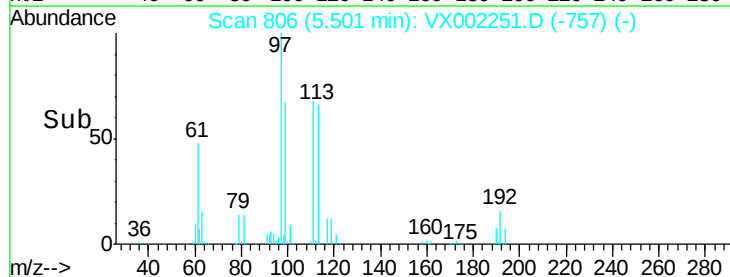
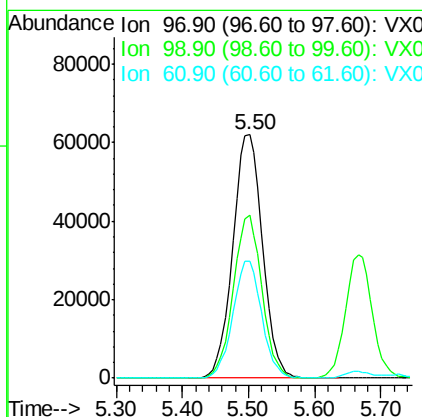
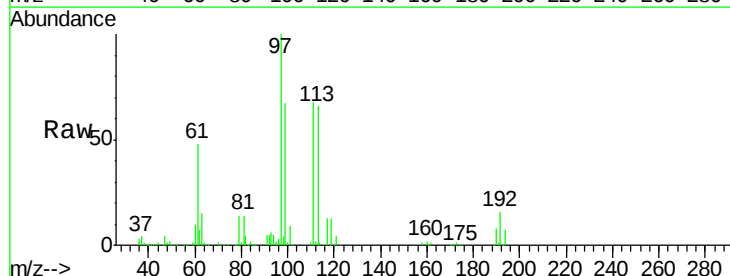
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

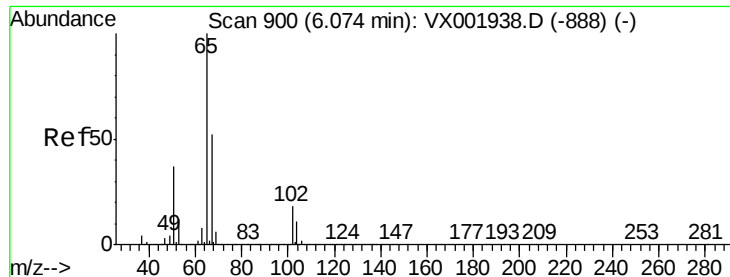
Tot Ion: 56 Resp: 137980
Ion Ratio Lower Upper
56 100
69 30.7 23.1 34.7
84 82.5 62.0 93.0



#32
1,1,1-Trichloroethane
Concen: 45.51 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX002251.D
Acq: 02 Jun 2018 20:31

Tgt Ion: 97 Resp: 193337
Ion Ratio Lower Upper
97 100
99 64.4 51.9 77.9
61 46.6 35.9 53.9

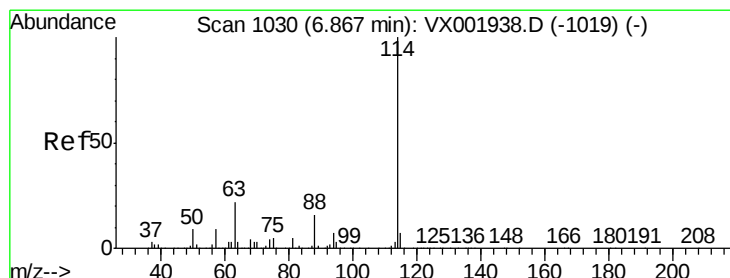
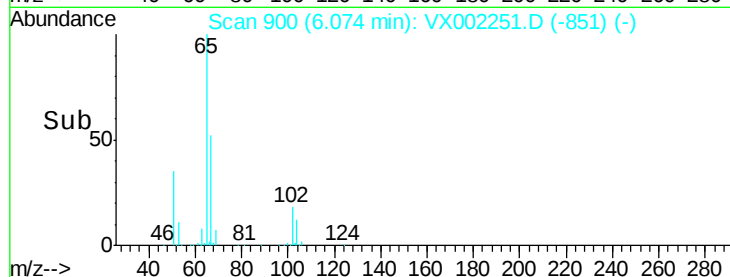
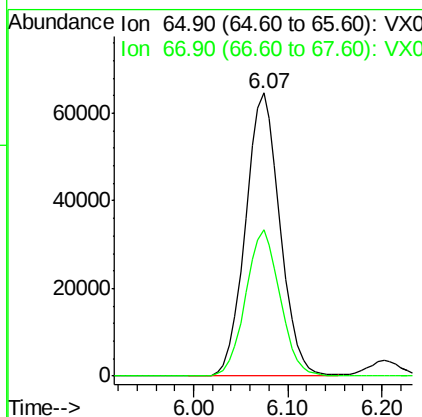
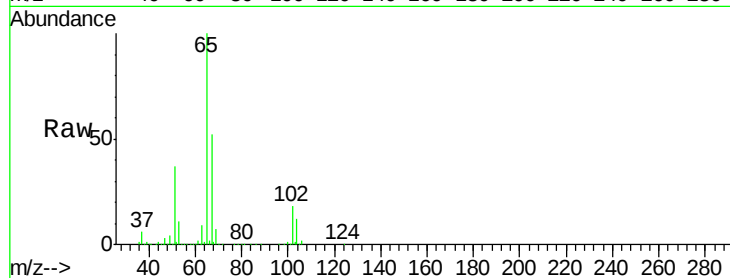




#33
 1,2-Dichloroethane-d4
 Concen: 54.18 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002251.D
 Acq: 02 Jun 2018 20:31

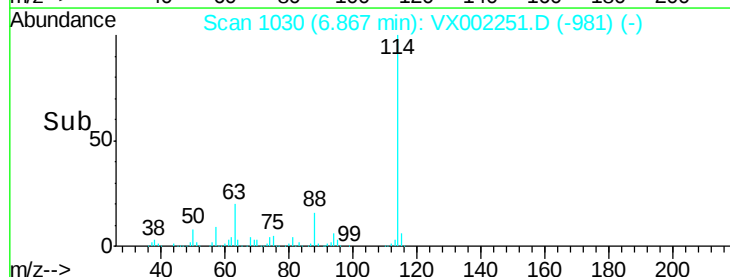
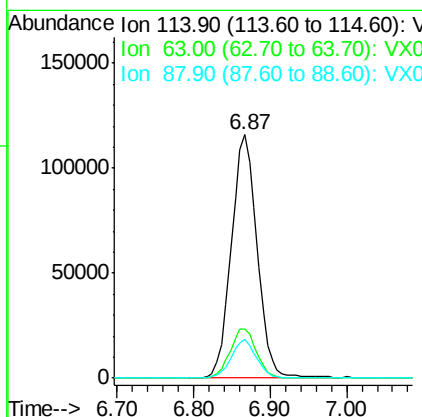
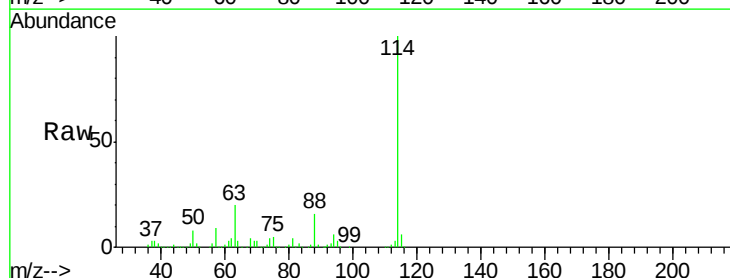
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

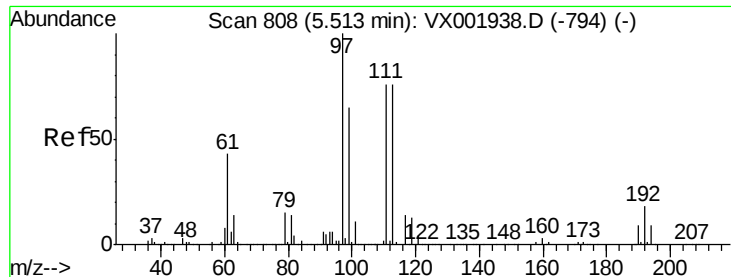
Tot Ion: 65 Resp: 165710
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002251.D
 Acq: 02 Jun 2018 20:31

Tgt Ion: 114 Resp: 270304
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 43.2
 88 15.7 0.0 31.6

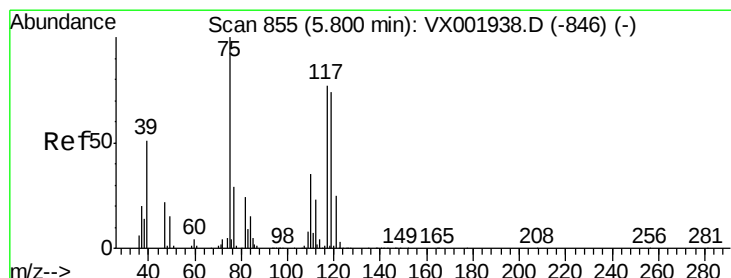
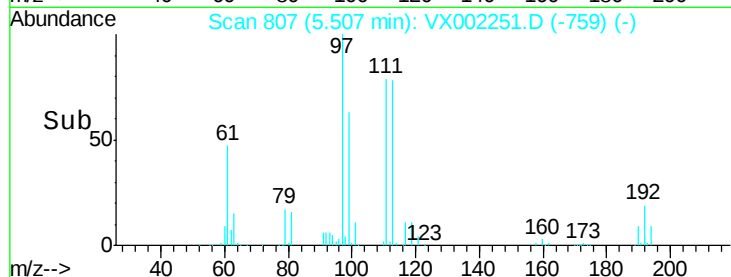
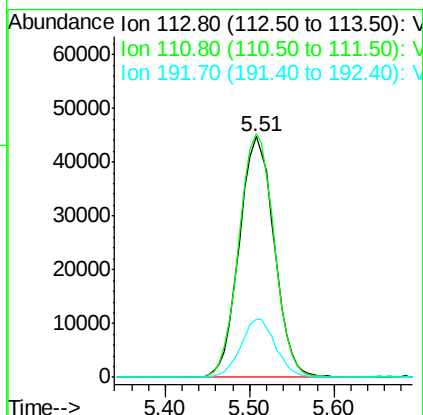
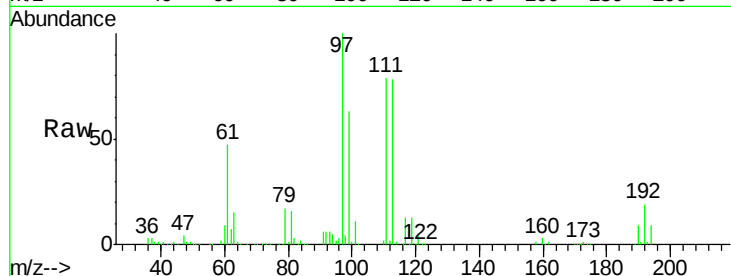




#35
 Dibromofluoromethane
 Concen: 46.57 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX002251.D
 Acq: 02 Jun 2018 20:31

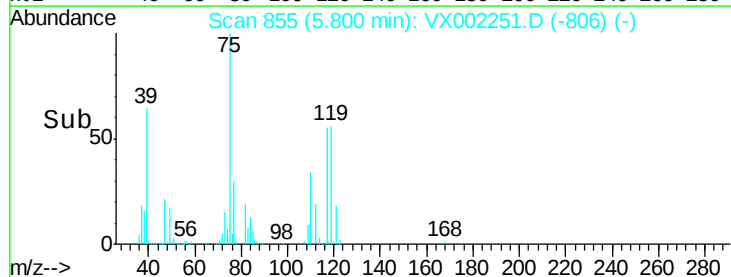
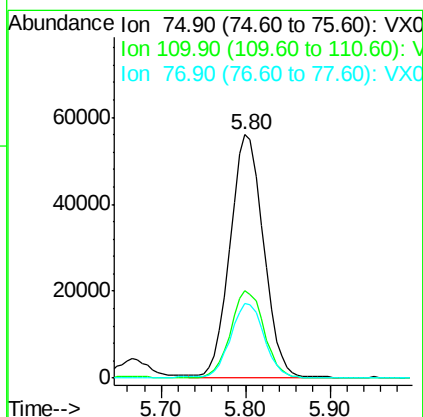
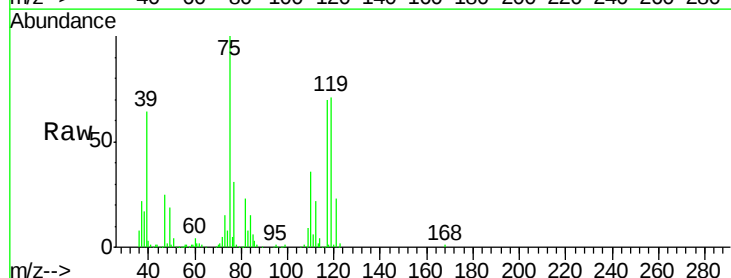
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

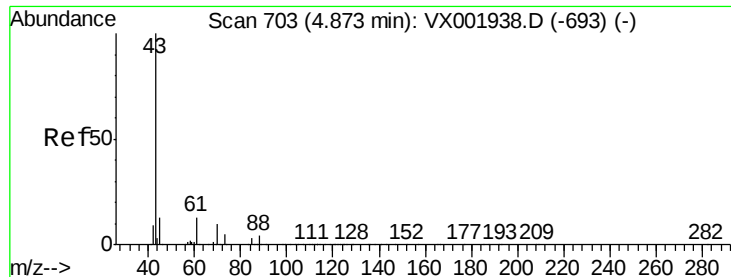
Tot Ion:113 Resp: 125885
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.0 123.0
 192 23.9 18.9 28.3



#36
 1,1-Dichloropropene
 Concen: 39.91 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX002251.D
 Acq: 02 Jun 2018 20:31

Tgt Ion: 75 Resp: 150070
 Ion Ratio Lower Upper
 75 100
 110 36.3 17.4 52.2
 77 30.8 24.4 36.6

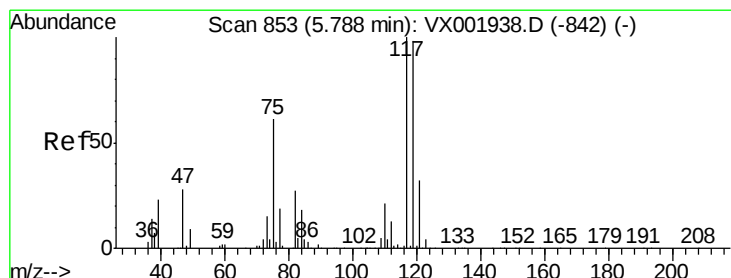
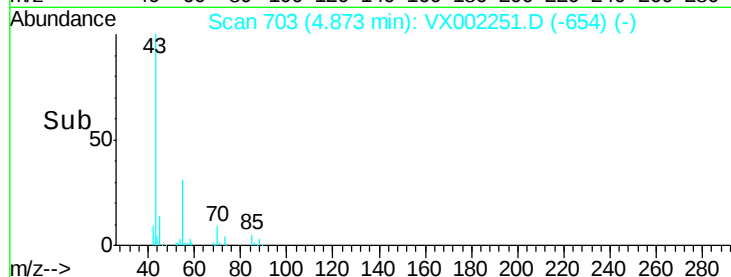
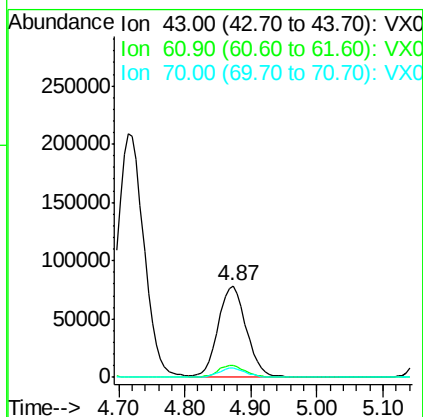
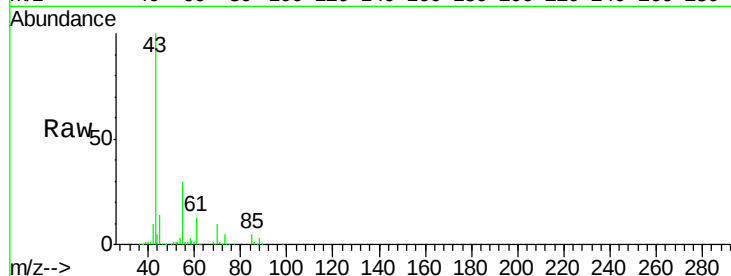




#37
Ethyl Acetate
Concen: 47.20 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX002251.D
Acq: 02 Jun 2018 20:31

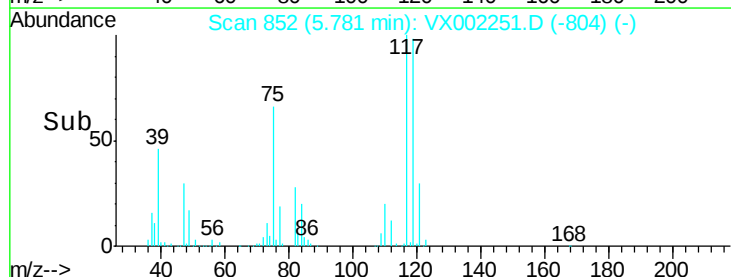
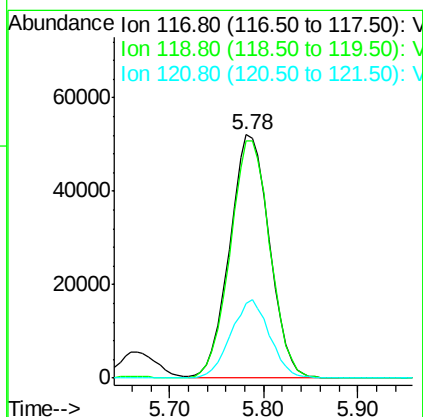
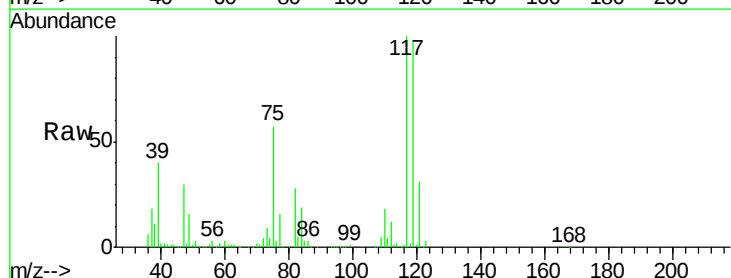
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

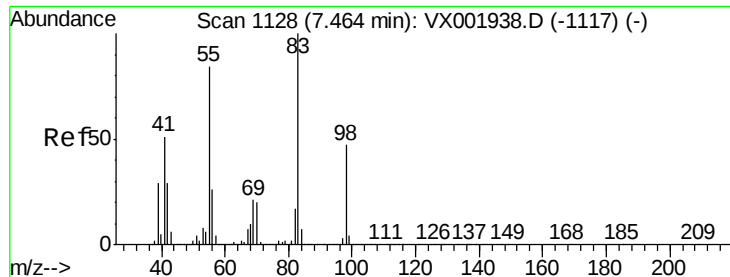
Tot Ion: 43 Resp: 231368
Ion Ratio Lower Upper
43 100
61 12.8 10.2 15.2
70 9.3 7.8 11.8



#38
Carbon Tetrachloride
Concen: 34.78 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002251.D
Acq: 02 Jun 2018 20:31

Tgt Ion: 117 Resp: 152484
Ion Ratio Lower Upper
117 100
119 97.6 78.5 117.7
121 30.6 25.5 38.3

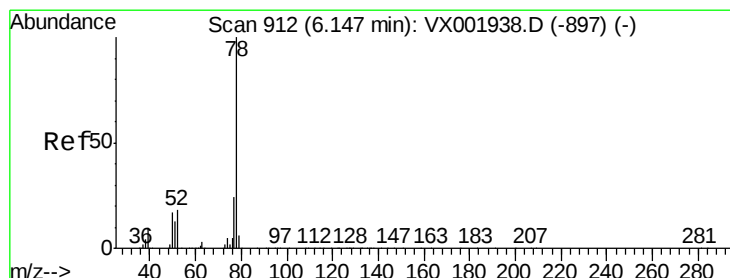
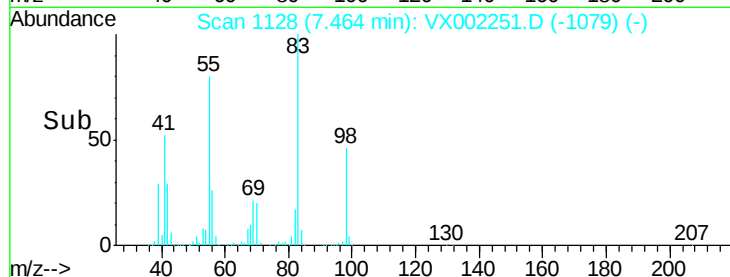
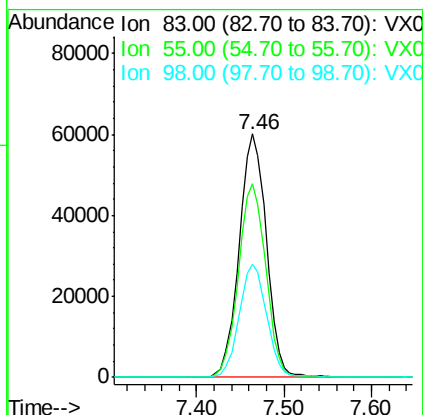
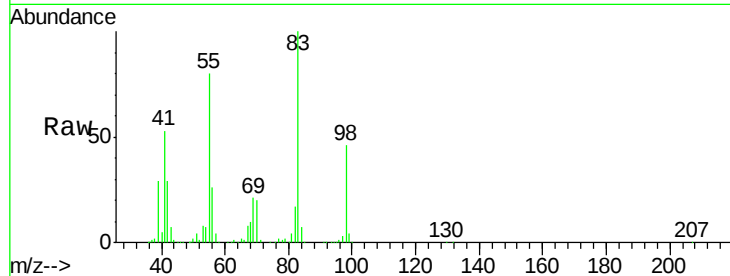




#39
Methvlcvclohexane
Concen: 28.26 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002251.D
Acq: 02 Jun 2018 20:31

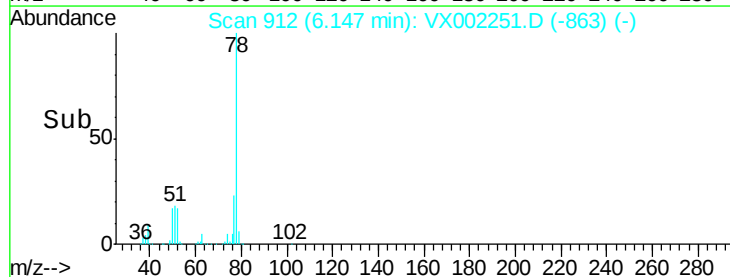
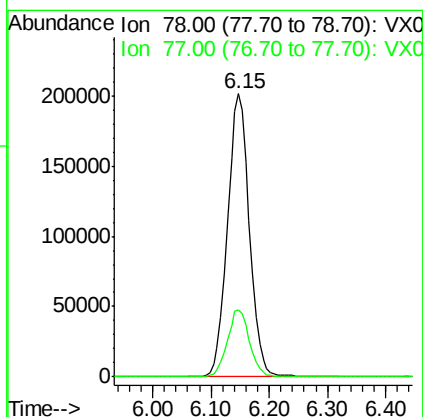
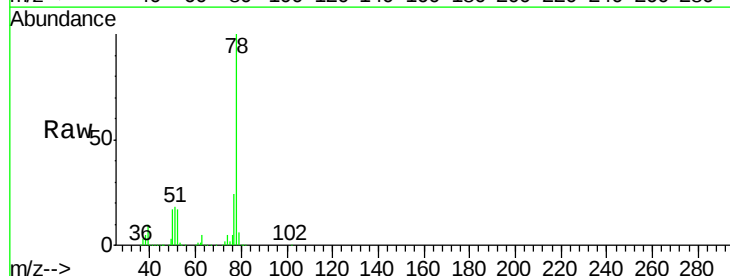
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

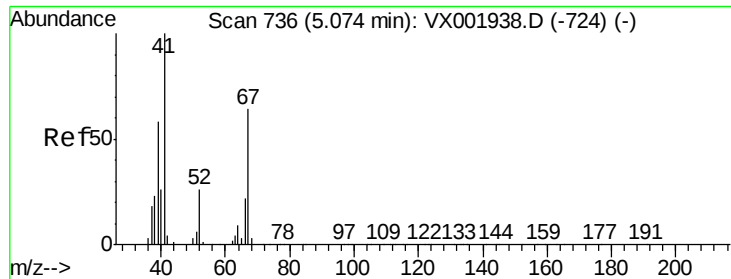
Tot Ion: 83 Resp: 130524
Ion Ratio Lower Upper
83 100
55 79.7 67.3 100.9
98 46.5 37.5 56.3



#40
Benzene
Concen: 47.83 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002251.D
Acq: 02 Jun 2018 20:31

Tgt Ion: 78 Resp: 526812
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7

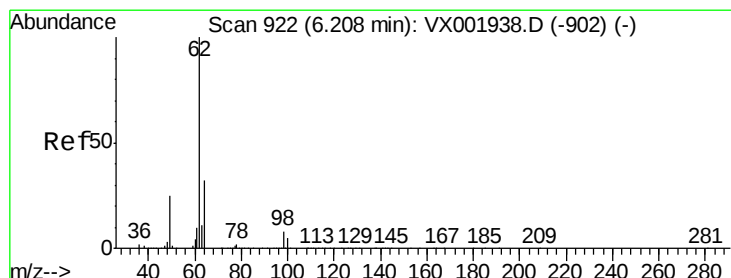
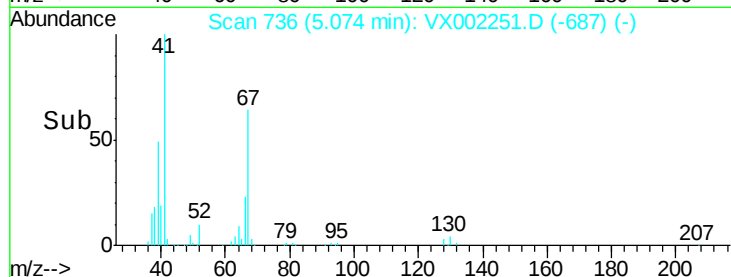
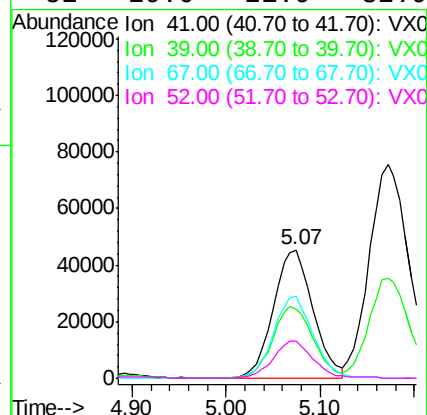
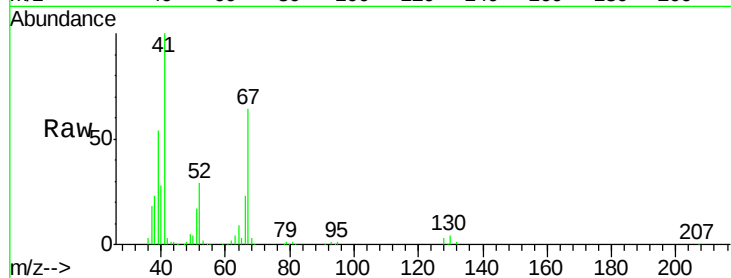




#41
Methacrylonitrile
Concen: 51.31 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX002251.D
Acq: 02 Jun 2018 20:31

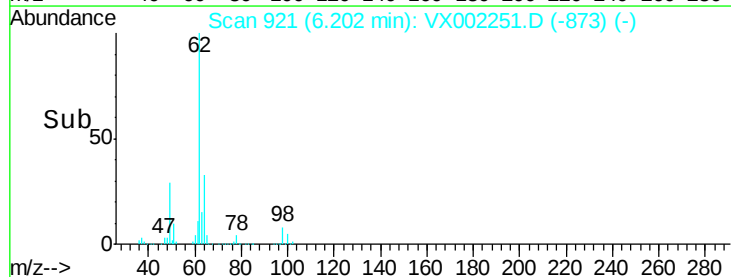
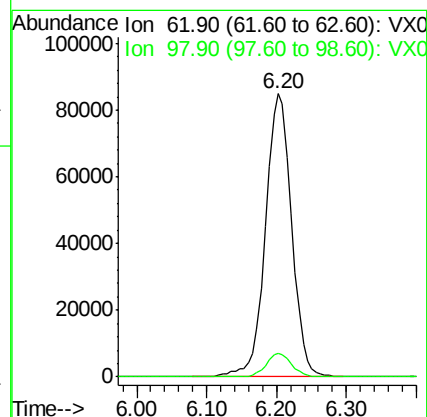
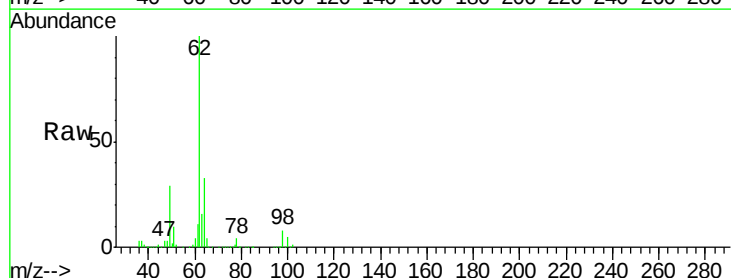
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

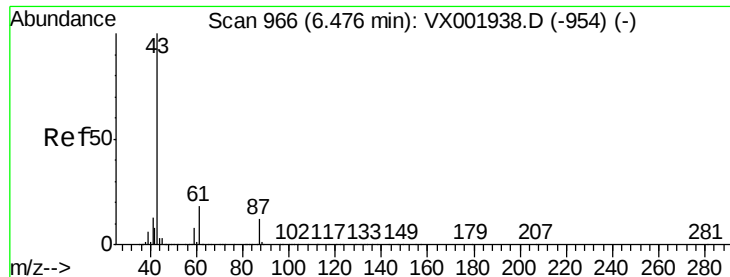
Tot Ion:	41	Resp:	132618
Ion	Ratio	Lower	Upper
41	100		
39	56.8	46.0	69.0
67	64.0	50.6	75.8
52	29.0	21.9	32.9



#42
1,2-Dichloroethane
Concen: 50.07 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002251.D
Acq: 02 Jun 2018 20:31

Tgt Ion:	62	Resp:	220315
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.0



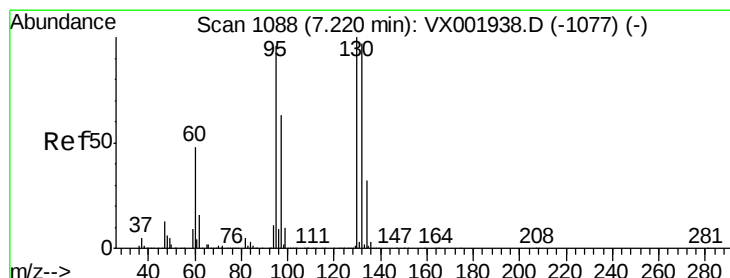
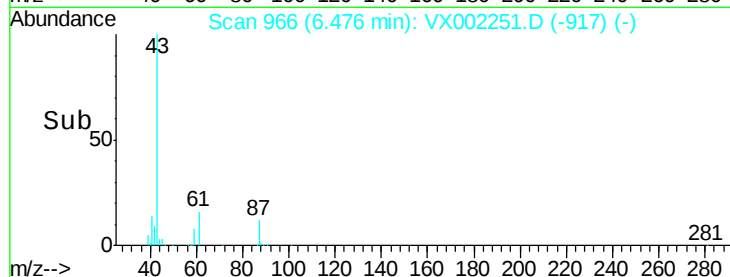
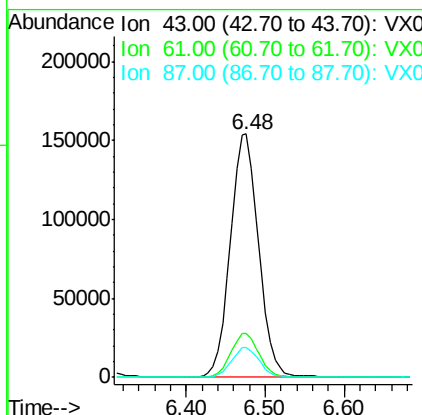
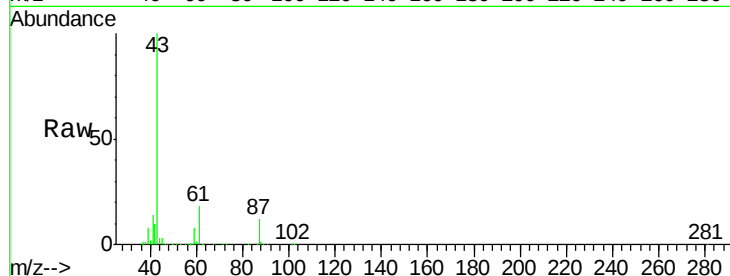


#43

Isopropyl Acetate
 Concen: 46.96 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VX002251.D
 Acq: 02 Jun 2018 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

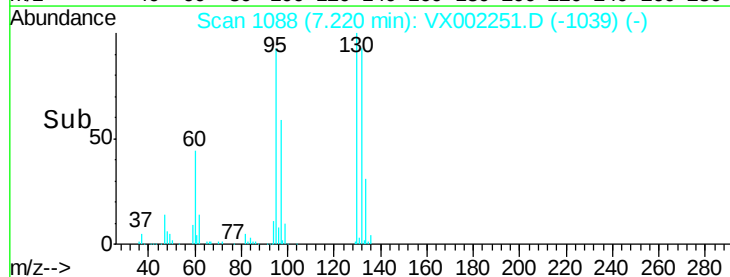
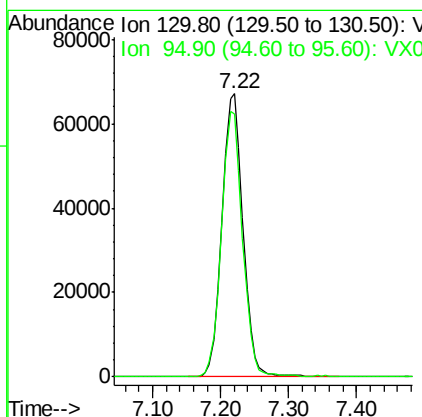
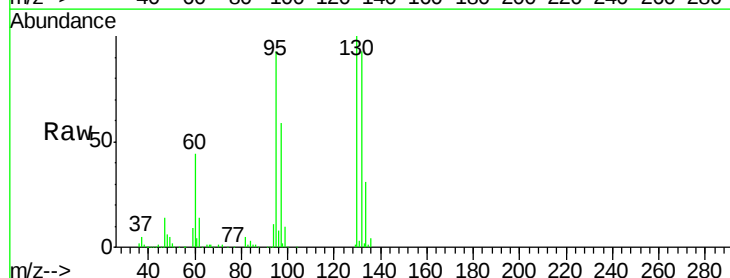
Tot Ion	43	Resp	383546
Ion Ratio	Lower	Upper	
43	100		
61	17.9	14.5	21.7
87	12.1	9.5	14.3

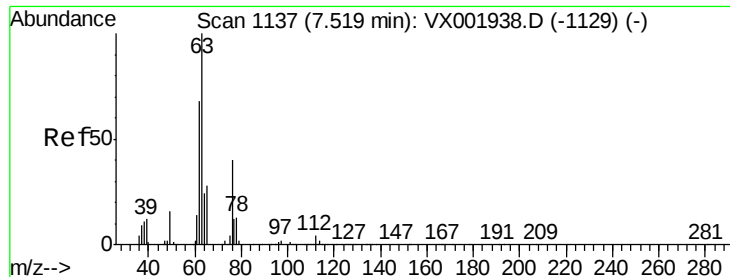


#44

Trichloroethene
 Concen: 44.92 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX002251.D
 Acq: 02 Jun 2018 20:31

Tgt Ion	130	Resp	144177
Ion Ratio	Lower	Upper	
130	100		
95	92.7	0.0	192.0





#45

1,2-Dichloropropane

Concen: 48.46 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

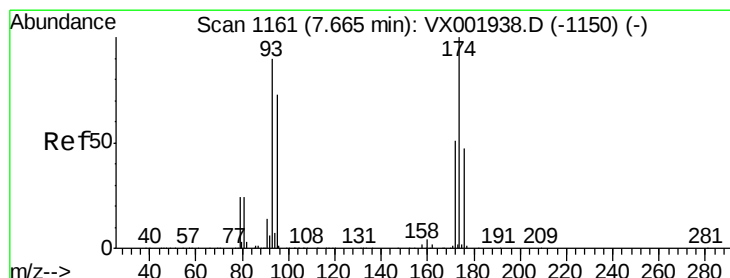
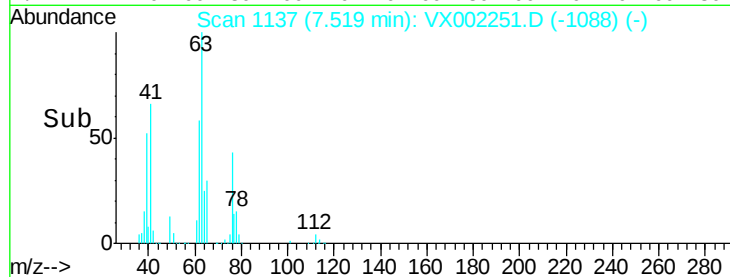
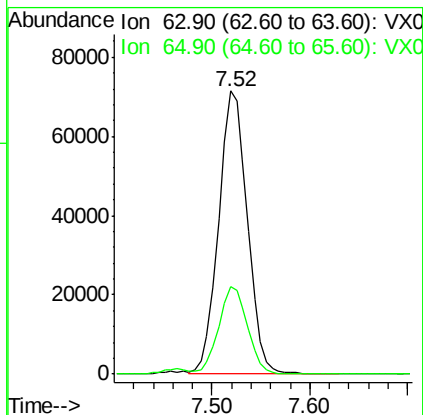
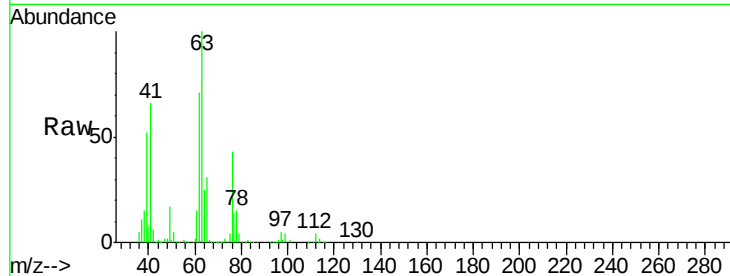
VSTDCCC050EC

Tot Ion: 63 Resp: 144971

Ion Ratio Lower Upper

63 100

65 31.1 24.1 36.1



#46

Dibromomethane

Concen: 50.25 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

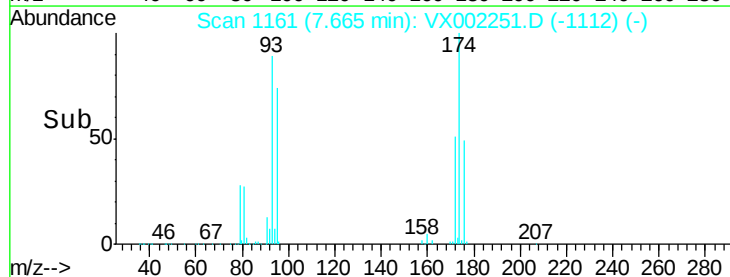
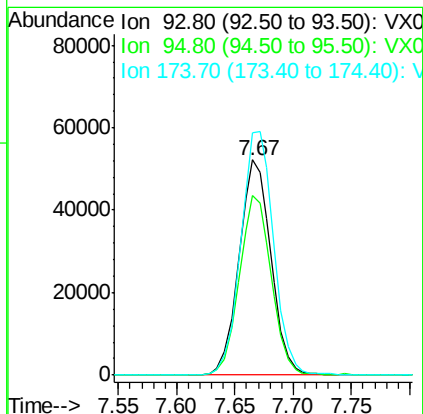
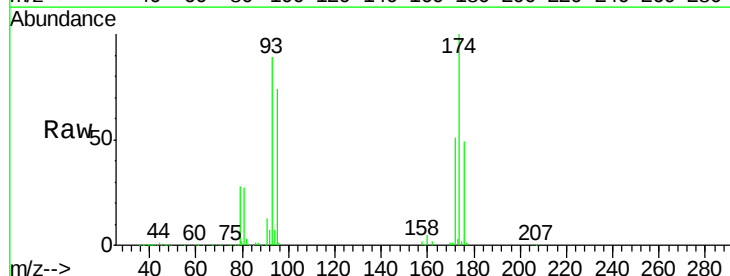
Tgt Ion: 93 Resp: 99518

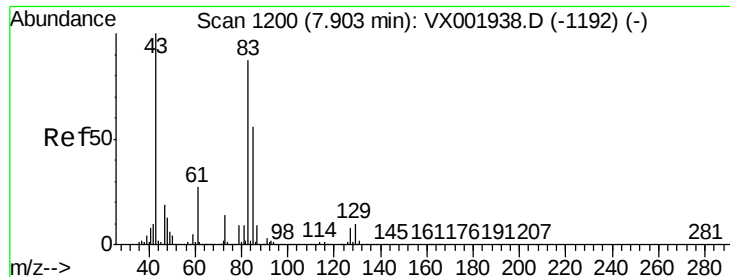
Ion Ratio Lower Upper

93 100

95 83.6 66.1 99.1

174 116.5 92.5 138.7





#47

Bromodichloromethane

Concen: 43.57 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

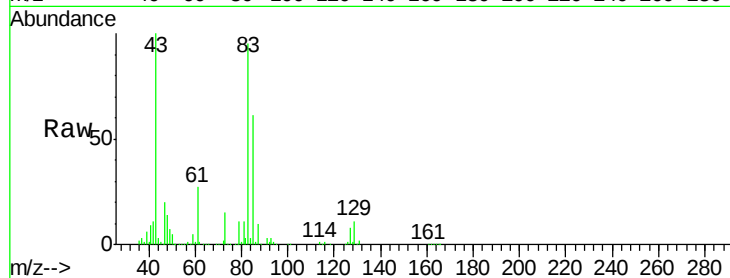
Tot Ion: 83 Resp: 183985

Ion Ratio Lower Upper

83 100

85 64.0 51.4 77.2

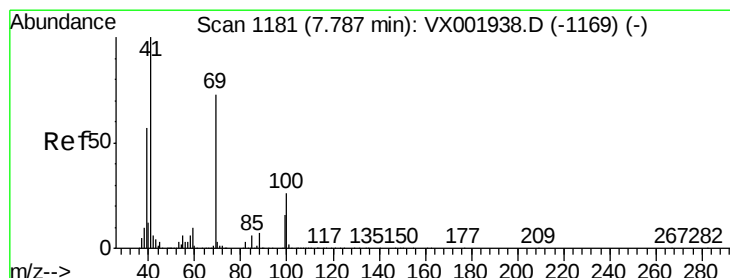
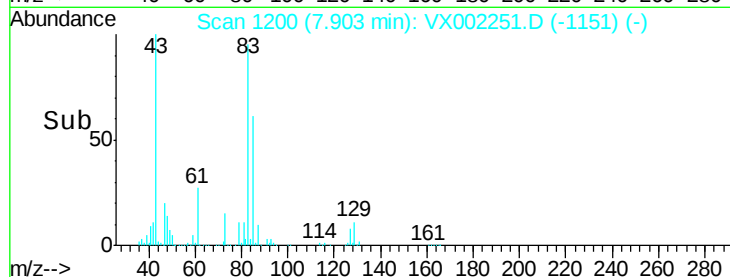
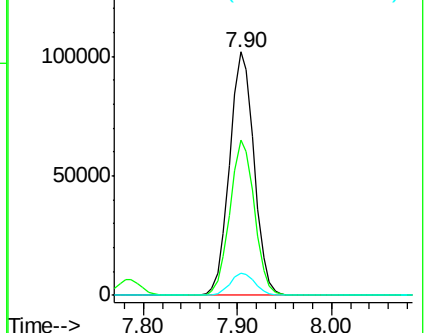
127 8.9 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 47.15 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

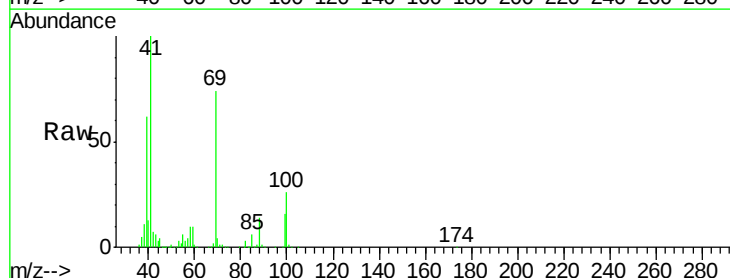
Tgt Ion: 41 Resp: 195999

Ion Ratio Lower Upper

41 100

69 74.8 58.6 87.8

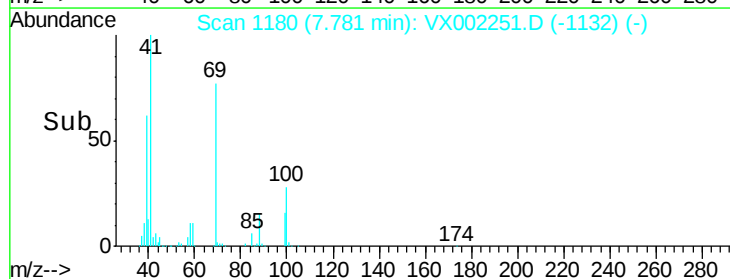
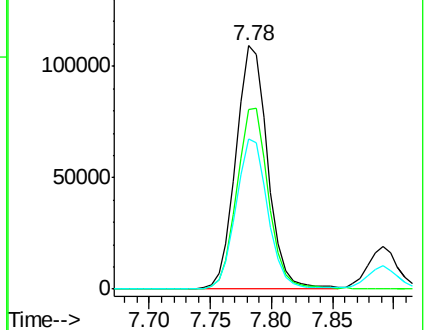
39 61.5 46.3 69.5

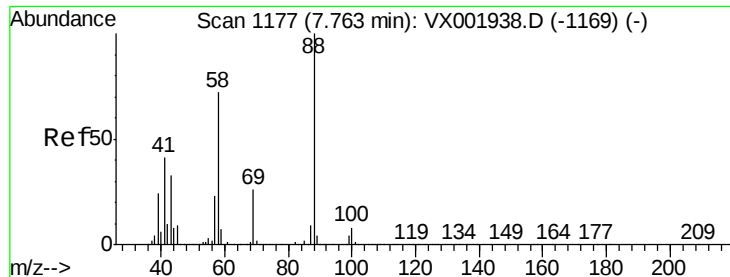


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1065.69 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

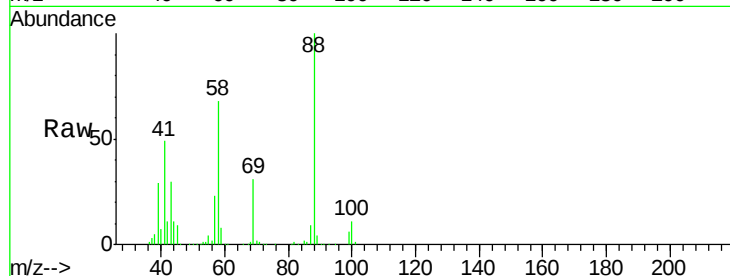
Tot Ion: 88 Resp: 78063

Ion Ratio Lower Upper

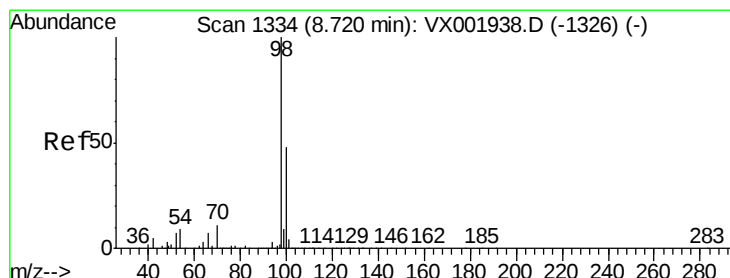
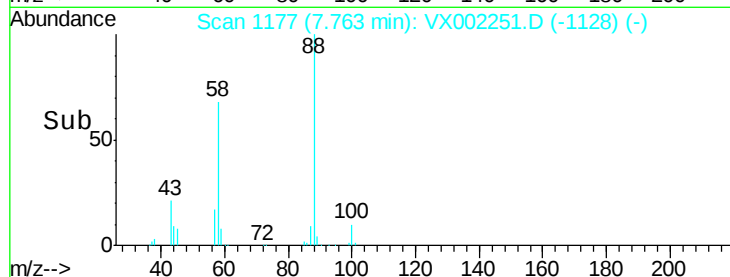
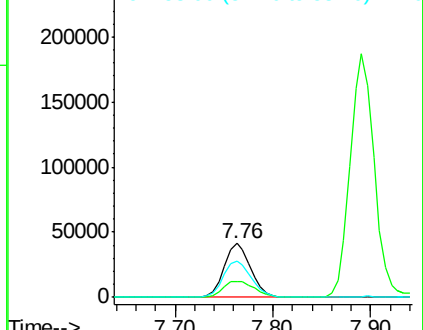
88 100

43 35.7 29.8 44.8

58 71.0 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: 47.36 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002251.D

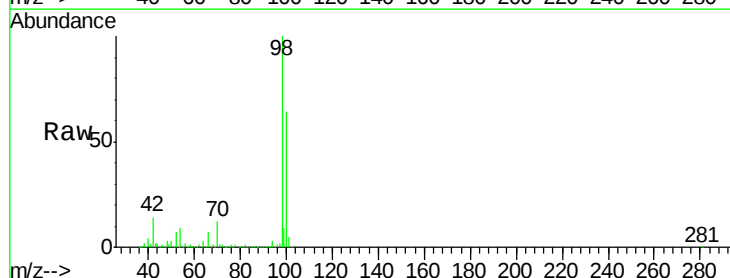
Acq: 02 Jun 2018 20:31

Tgt Ion: 98 Resp: 463417

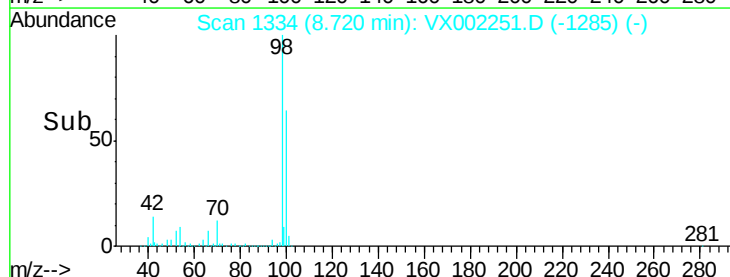
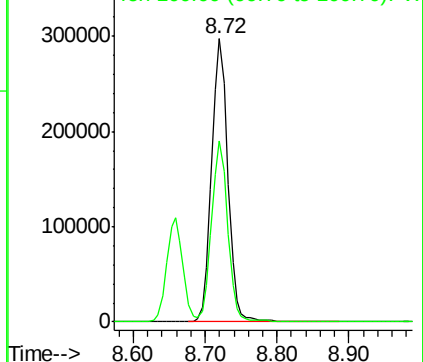
Ion Ratio Lower Upper

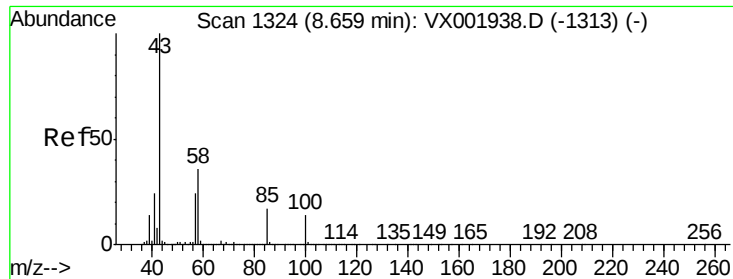
98 100

100 63.8 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: 257.28 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

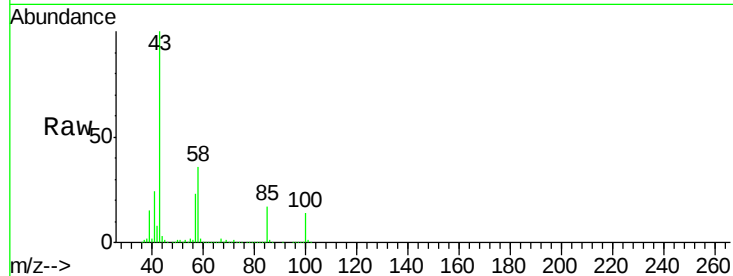
VSTDCCC050EC

Tot Ion: 43 Resp: 1266696

Ion Ratio Lower Upper

43 100

58 35.3 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

800000

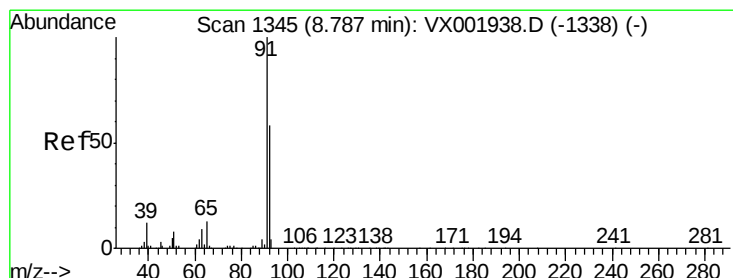
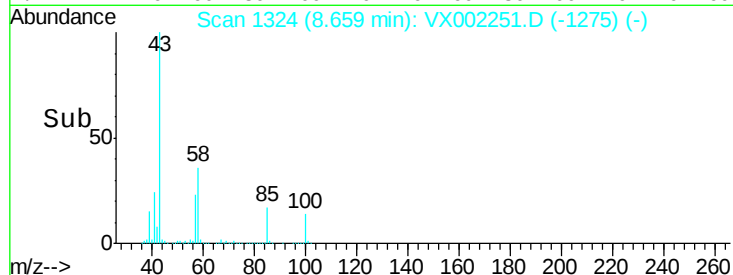
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 48.41 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002251.D

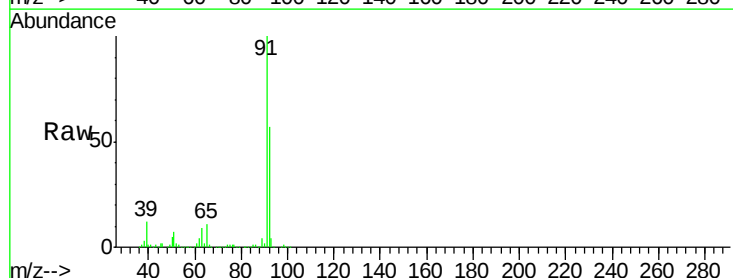
Acq: 02 Jun 2018 20:31

Tgt Ion: 92 Resp: 339354

Ion Ratio Lower Upper

92 100

91 174.6 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

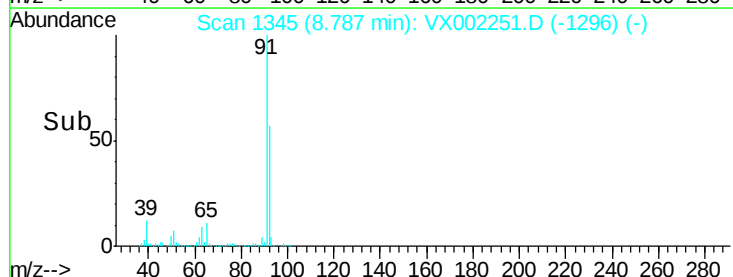
300000

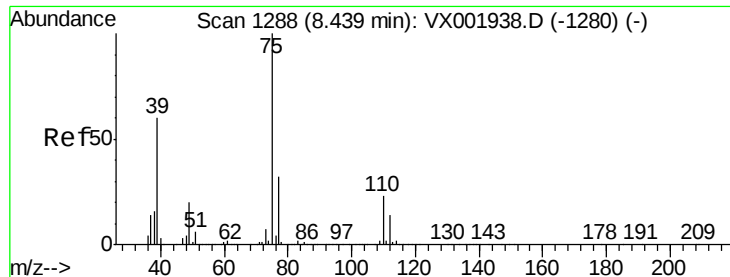
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 45.01 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

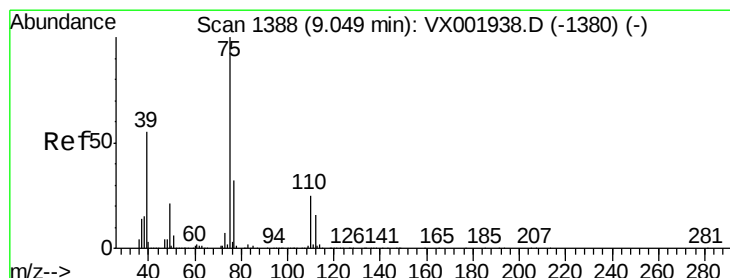
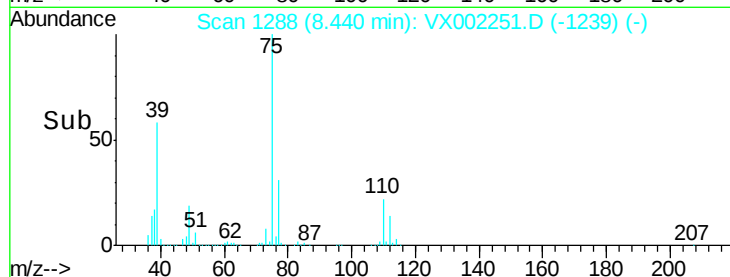
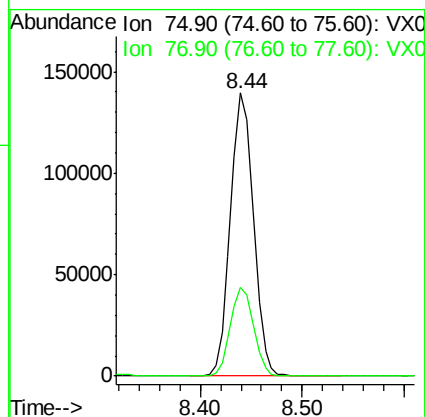
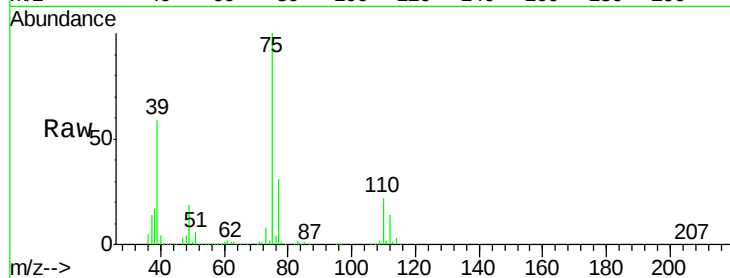
VSTDCCC050EC

Tot Ion: 75 Resp: 218942

Ion Ratio Lower Upper

75 100

77 31.2 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 43.56 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

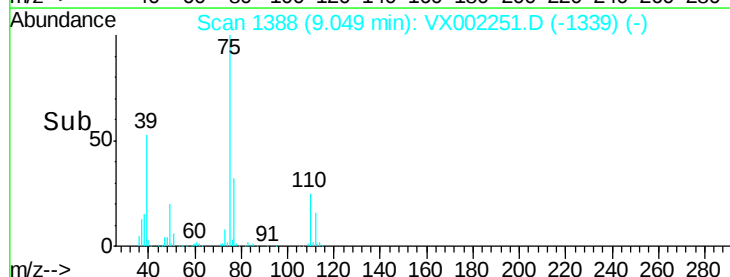
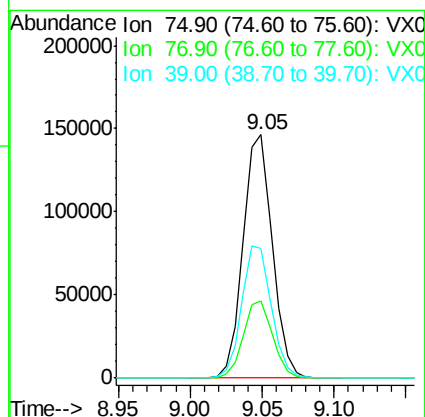
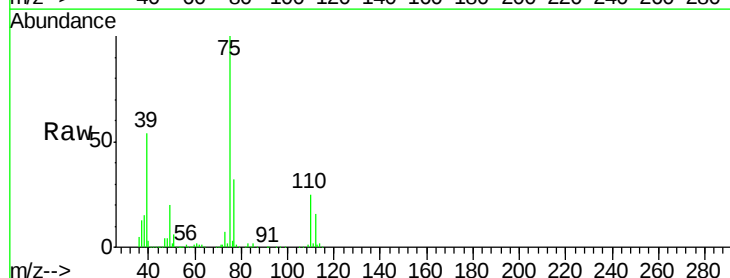
Tgt Ion: 75 Resp: 206442

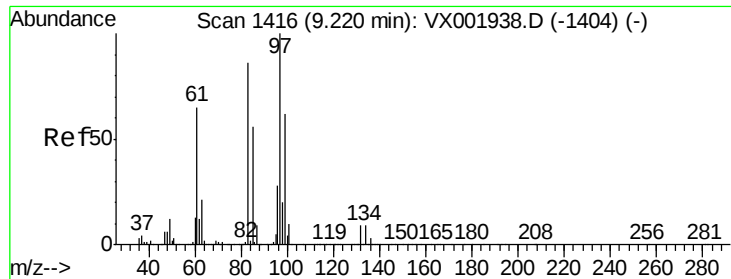
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0

39 53.4 44.1 66.1

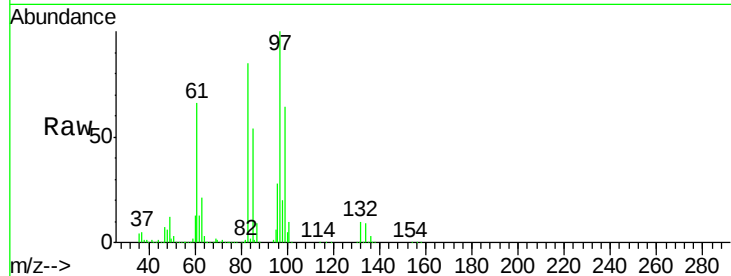




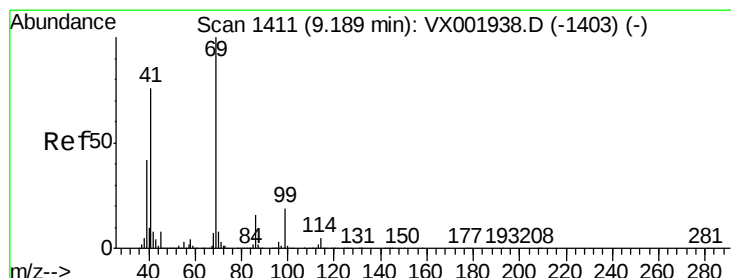
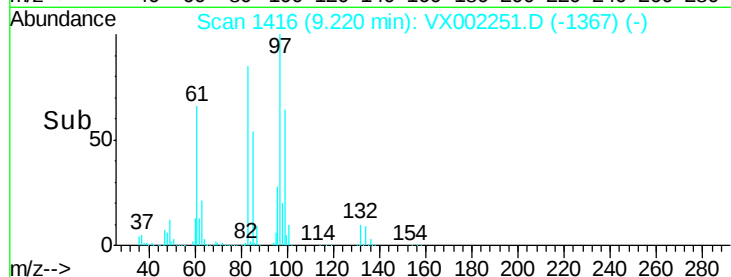
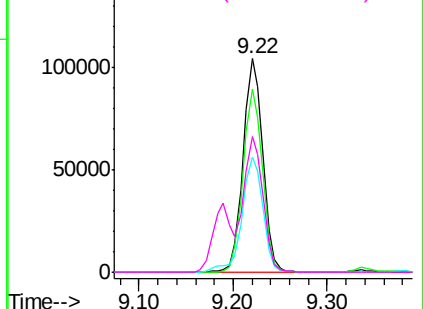
#55
 1,1,2-Trichloroethane
 Concen: 52.00 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002251.D
 Acq: 02 Jun 2018 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	152279
Ion	Ratio	Lower	Upper
97	100		
83	85.5	69.1	103.7
85	53.7	45.2	67.8
99	63.6	49.6	74.4

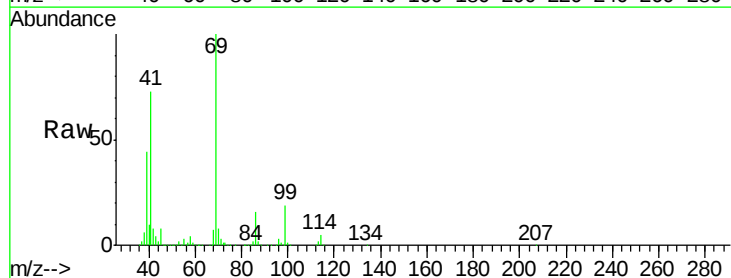


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

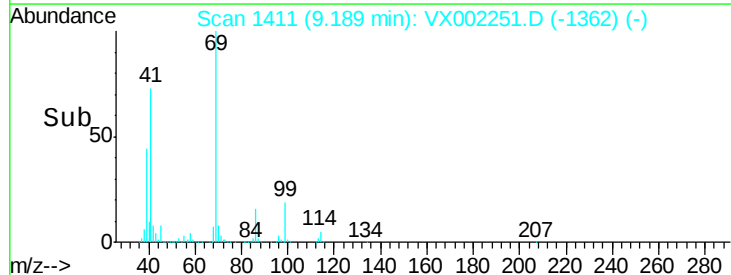
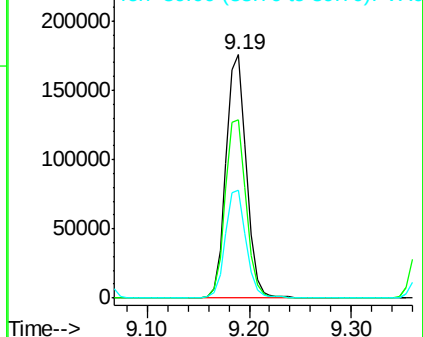


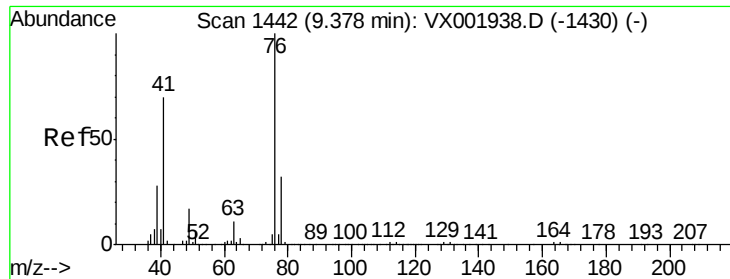
#56
 Ethyl methacrylate
 Concen: 48.10 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX002251.D
 Acq: 02 Jun 2018 20:31

Tgt Ion:	69	Resp:	242289
Ion	Ratio	Lower	Upper
69	100		
41	75.2	61.0	91.6
39	45.0	34.4	51.6



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





#57

1,3-Dichloropropane

Concen: 52.25 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

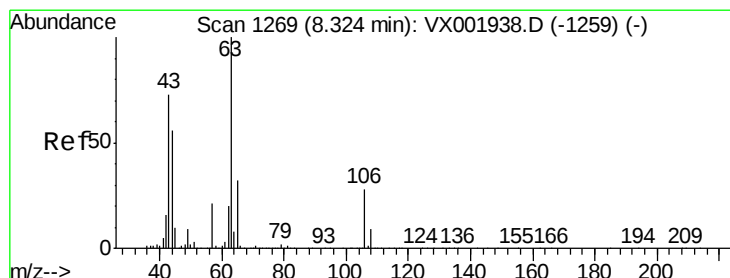
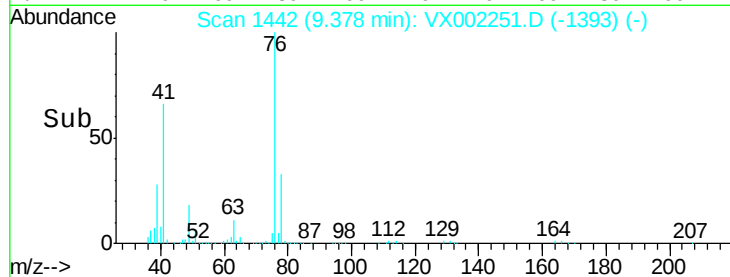
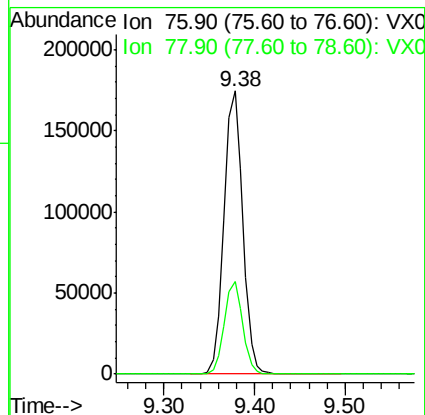
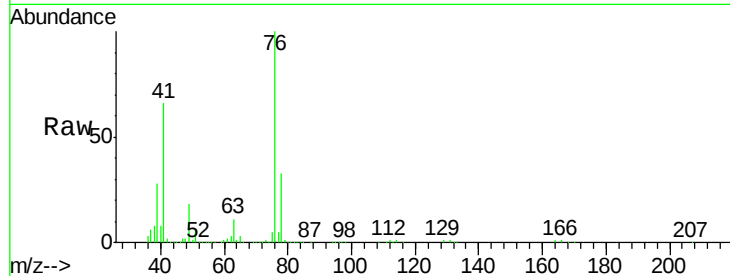
VSTDCCC050EC

Tot Ion: 76 Resp: 252068

Ion Ratio Lower Upper

76 100

78 32.1 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 241.44 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002251.D

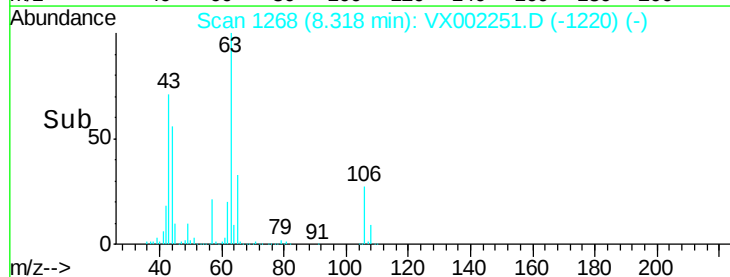
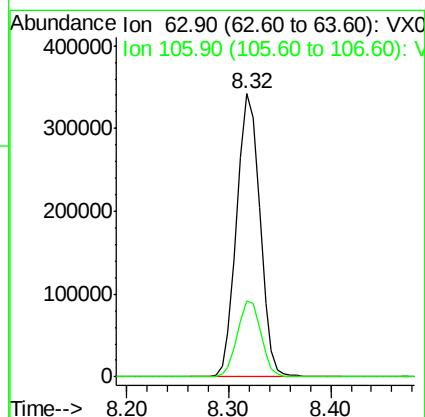
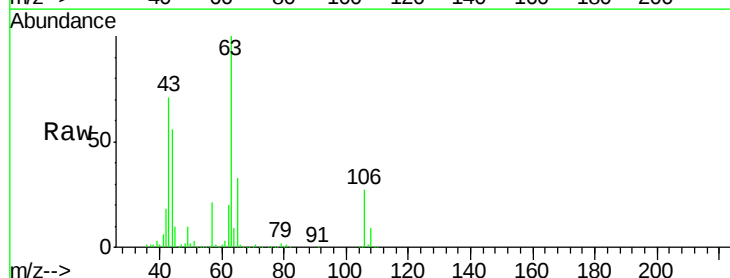
Acq: 02 Jun 2018 20:31

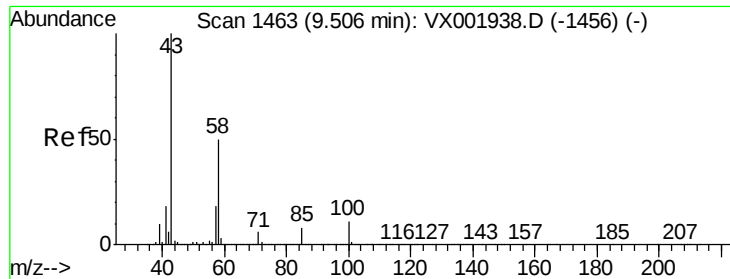
Tgt Ion: 63 Resp: 539035

Ion Ratio Lower Upper

63 100

106 27.5 21.7 32.5

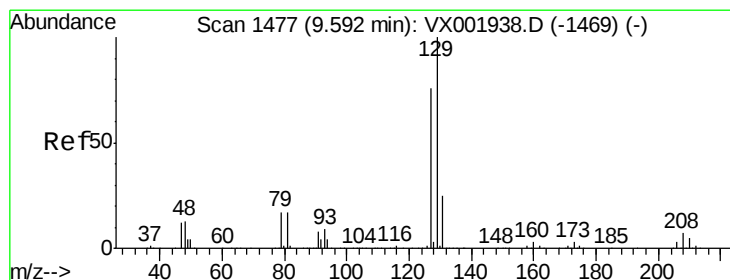
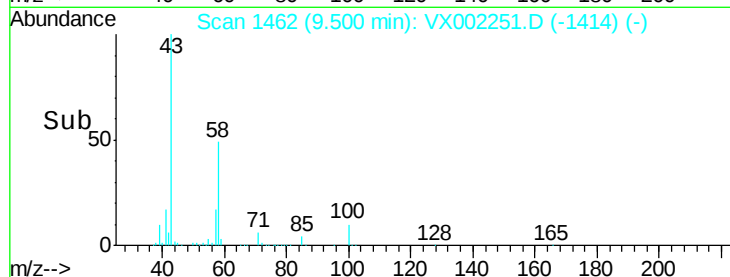
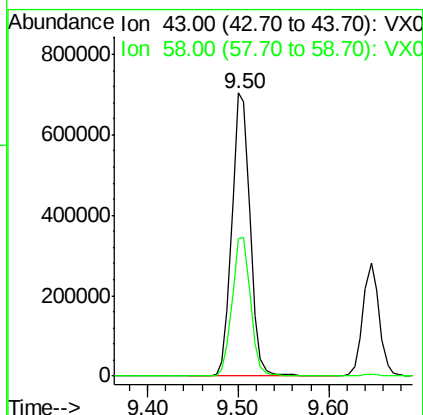
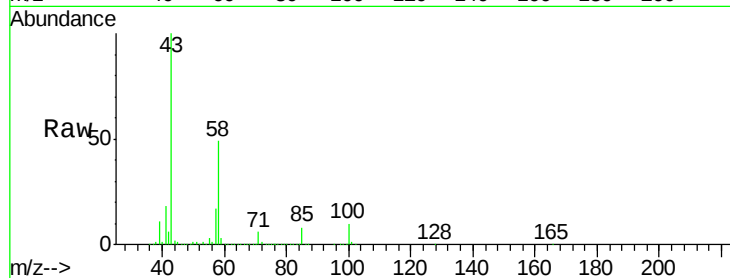




#59
2-Hexanone
Concen: 258.48 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002251.D
Acq: 02 Jun 2018 20:31

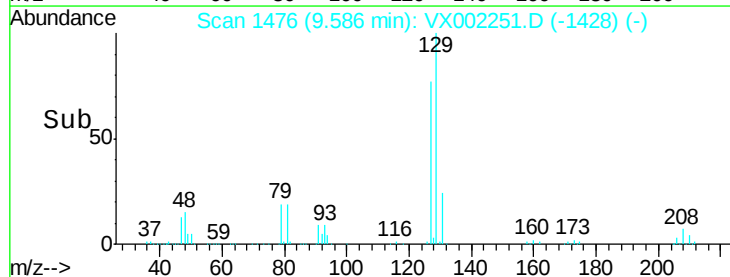
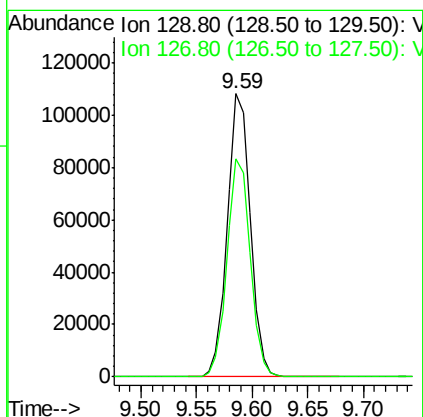
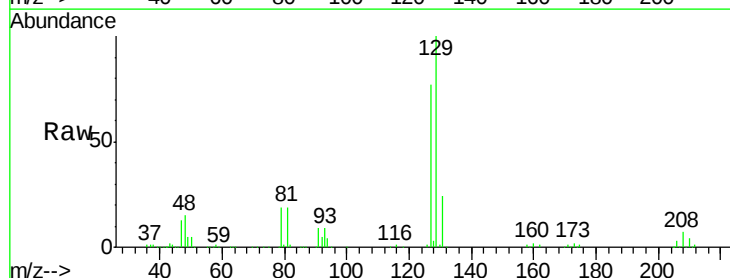
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

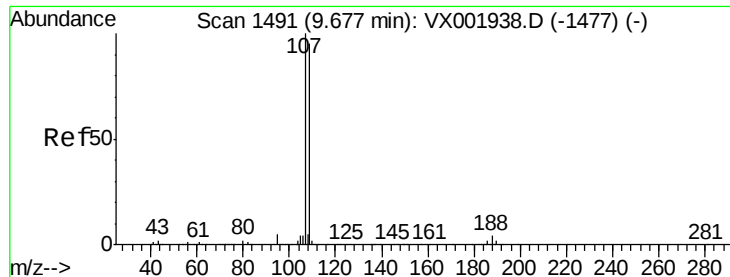
Tot Ion: 43 Resp: 981267
Ion Ratio Lower Upper
43 100
58 49.7 24.9 74.6



#60
Dibromochloromethane
Concen: 44.58 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002251.D
Acq: 02 Jun 2018 20:31

Tgt Ion: 129 Resp: 154644
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.9





#61

1,2-Dibromoethane

Concen: 51.58 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

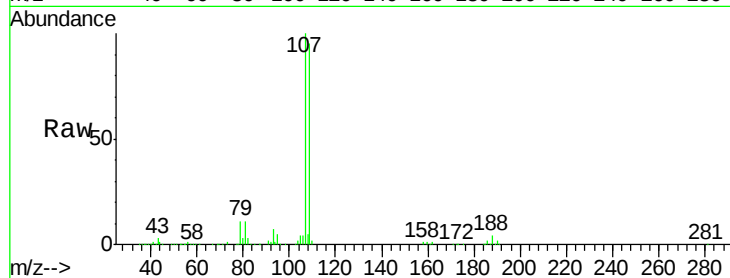
VSTDCCC050EC

Tot Ion:107 Resp: 158510

Ion Ratio Lower Upper

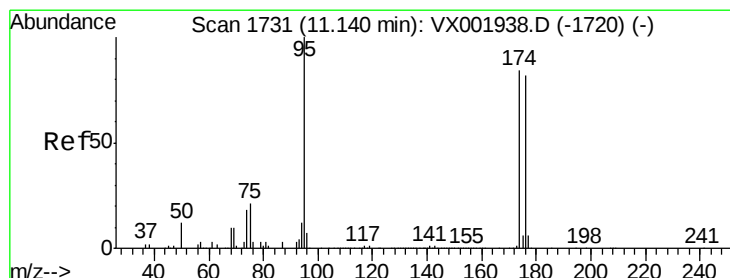
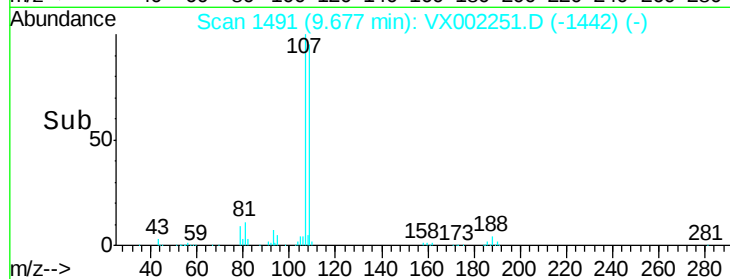
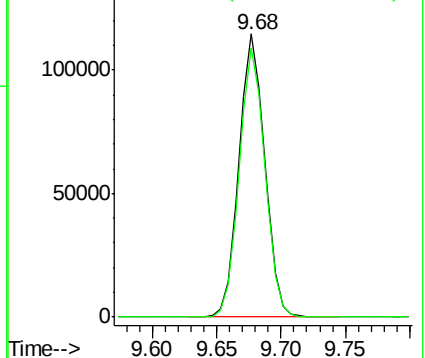
107 100

109 95.2 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: 48.14 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

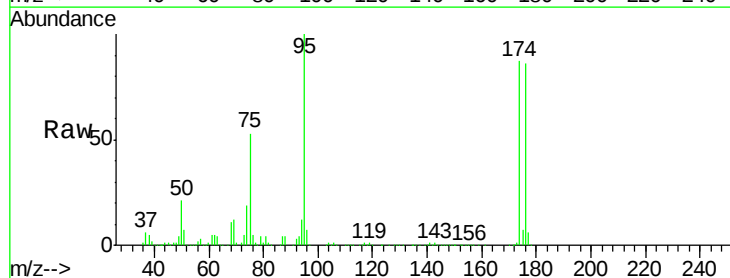
Tgt Ion: 95 Resp: 184303

Ion Ratio Lower Upper

95 100

174 94.3 0.0 178.8

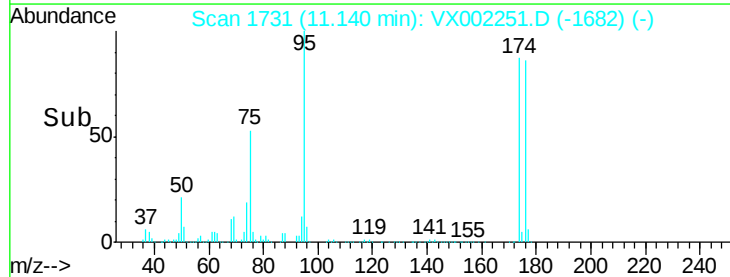
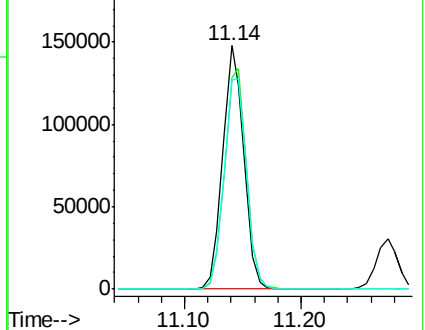
176 91.7 0.0 175.6

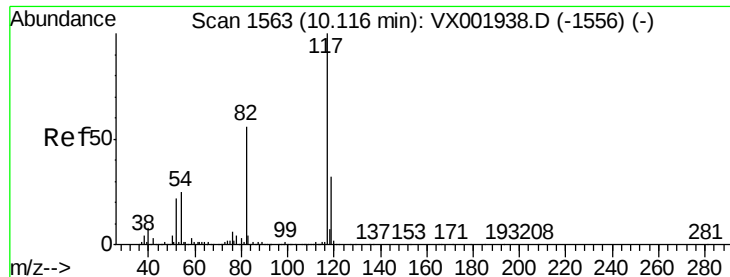


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

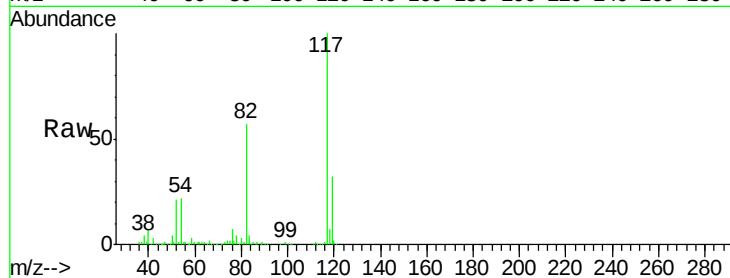
Tot Ion:117 Resp: 265994

Ion Ratio Lower Upper

117 100

82 57.1 44.8 67.2

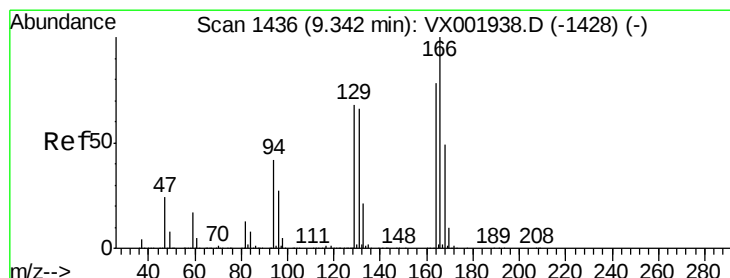
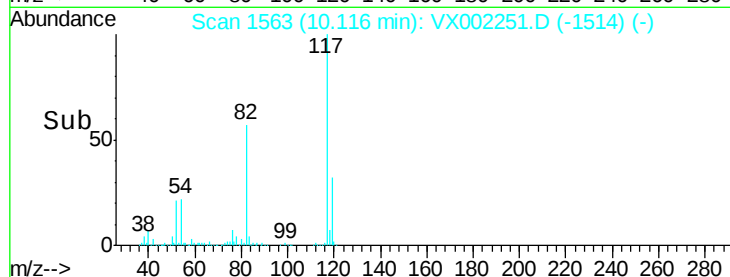
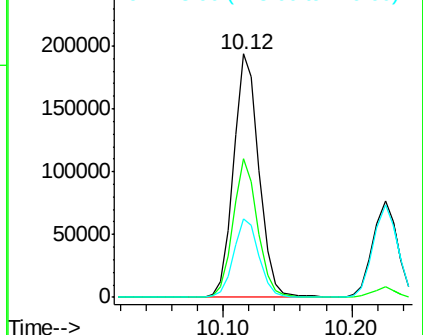
119 32.1 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 42.32 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Tgt Ion:164 Resp: 161398

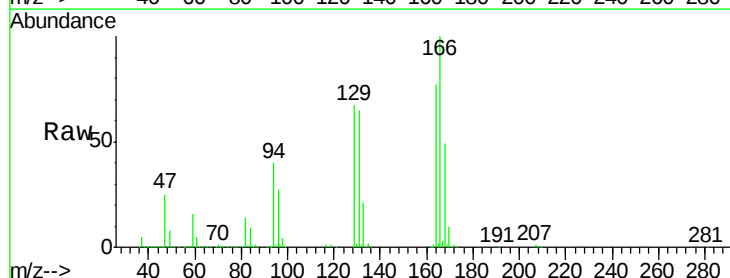
Ion Ratio Lower Upper

164 100

166 130.6 102.7 154.1

129 87.5 70.3 105.5

131 84.6 68.2 102.4

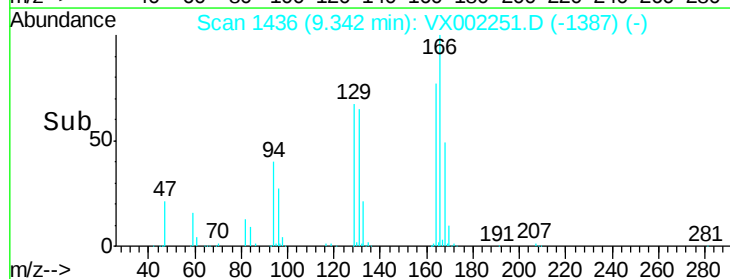
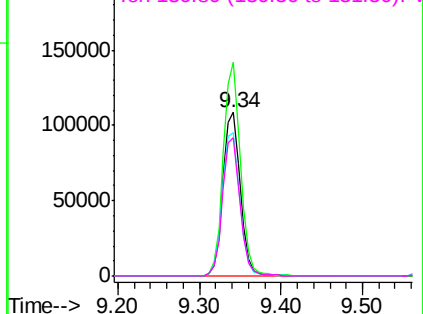


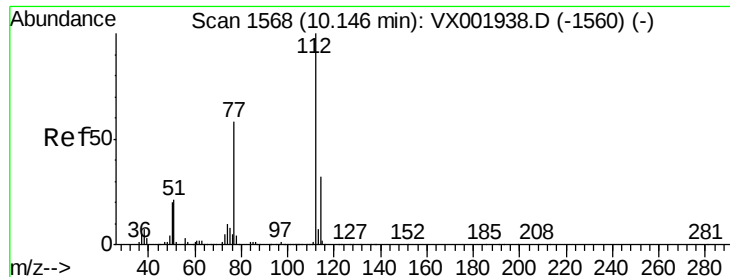
Abundance Ion 163.80 (163.50 to 164.50): V

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

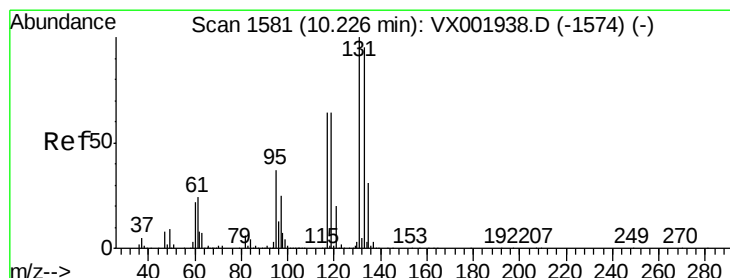
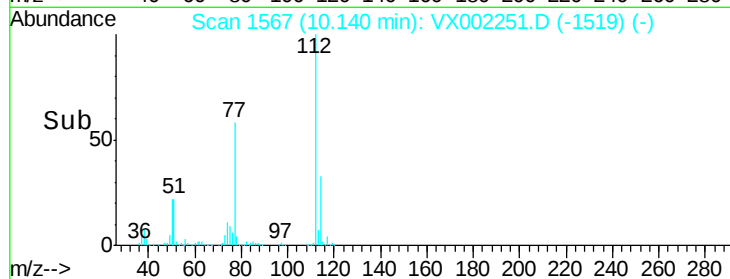
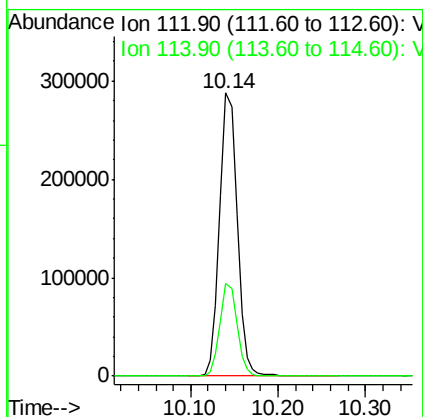
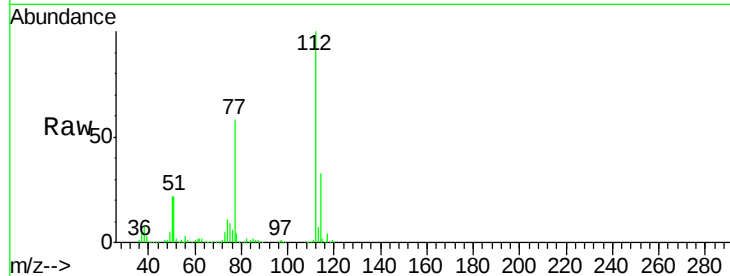




#65
Chlorobenzene
Concen: 47.88 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX002251.D
Acq: 02 Jun 2018 20:31

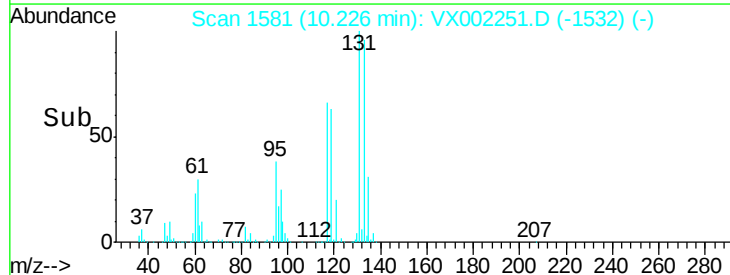
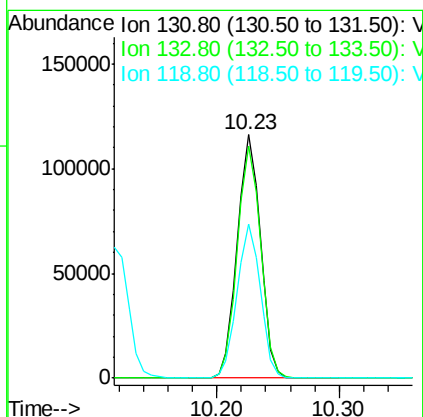
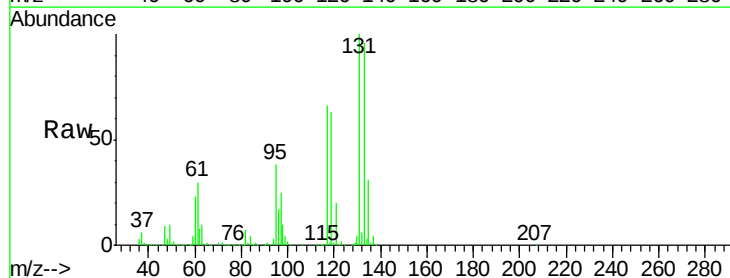
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

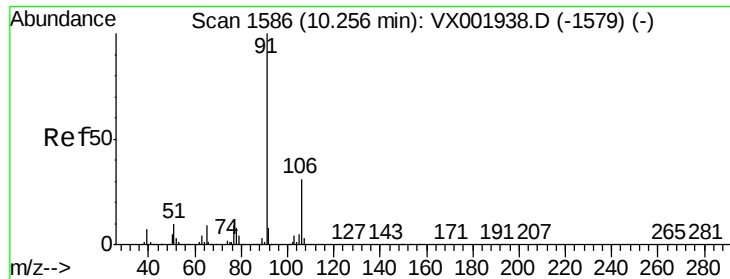
Tot Ion:112 Resp: 403538
Ion Ratio Lower Upper
112 100
114 32.7 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 44.76 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002251.D
Acq: 02 Jun 2018 20:31

Tgt Ion:131 Resp: 152335
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.0
119 63.5 31.9 95.5





#67

Ethyl Benzene

Concen: 44.80 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

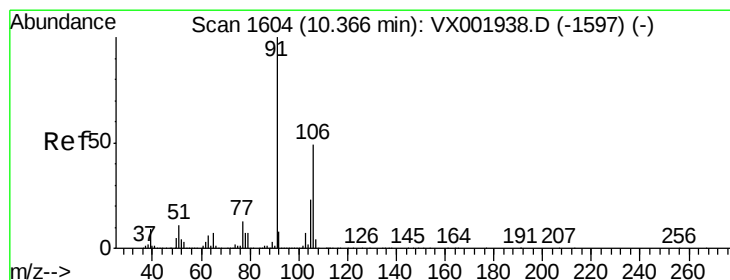
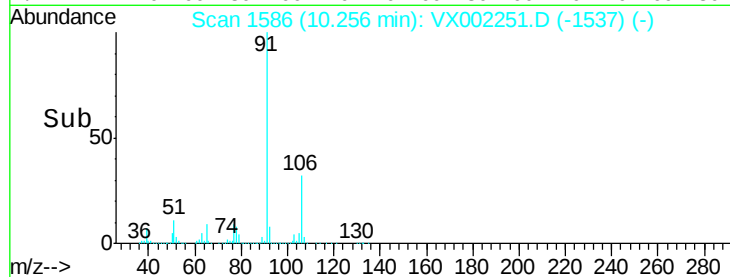
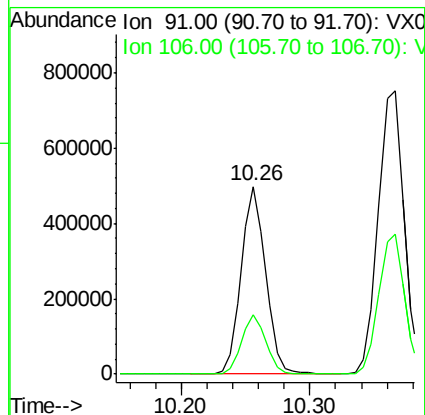
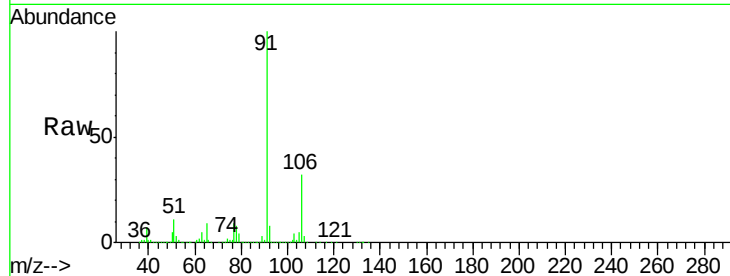
VSTDCCC050EC

Tot Ion: 91 Resp: 655967

Ion Ratio Lower Upper

91 100

106 31.6 25.0 37.6



#68

m/p-Xylenes

Concen: 91.53 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX002251.D

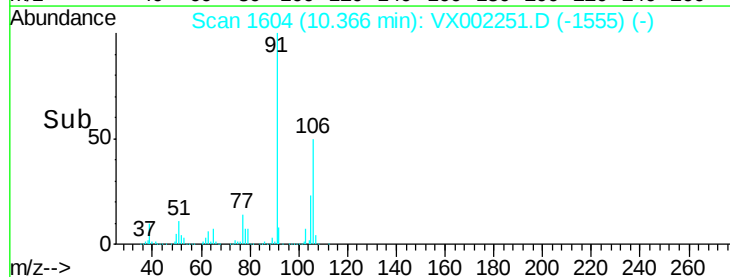
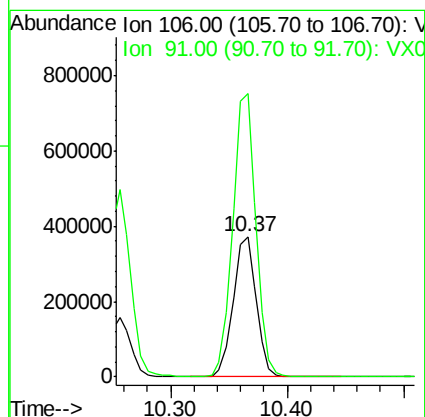
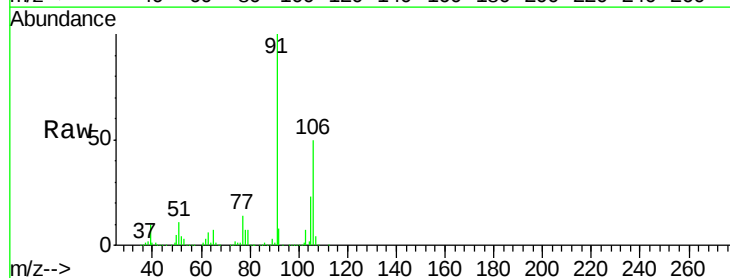
Acq: 02 Jun 2018 20:31

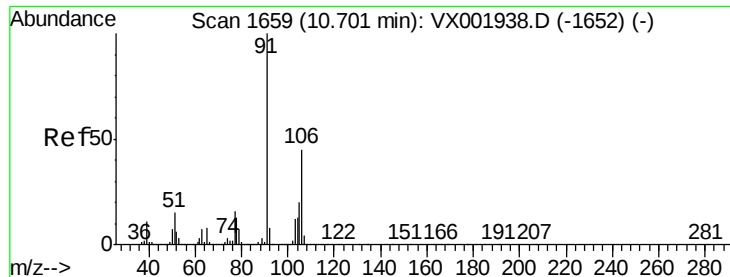
Tgt Ion: 106 Resp: 512321

Ion Ratio Lower Upper

106 100

91 204.2 165.0 247.6

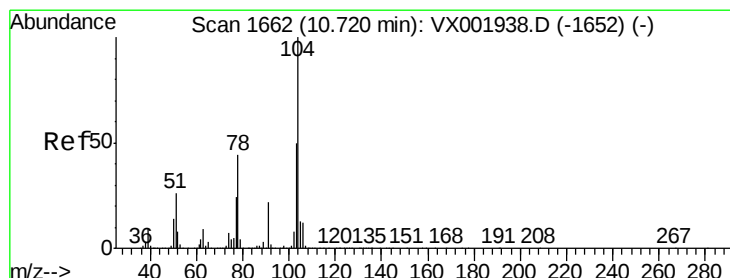
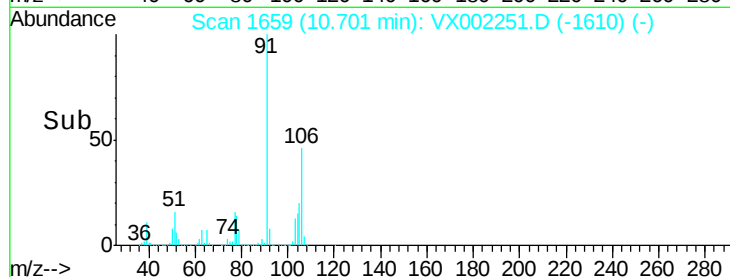
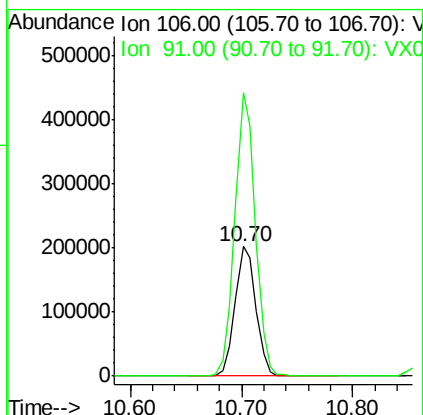
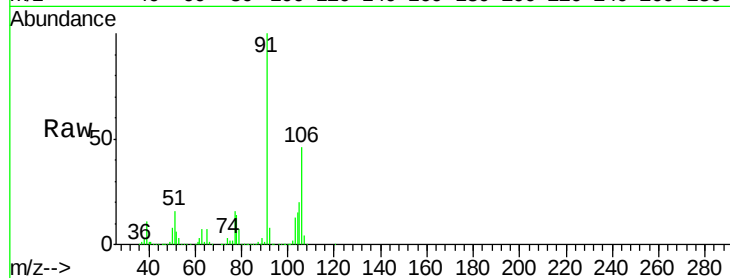




#69
o-Xylene
Concen: 46.91 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002251.D
Acq: 02 Jun 2018 20:31

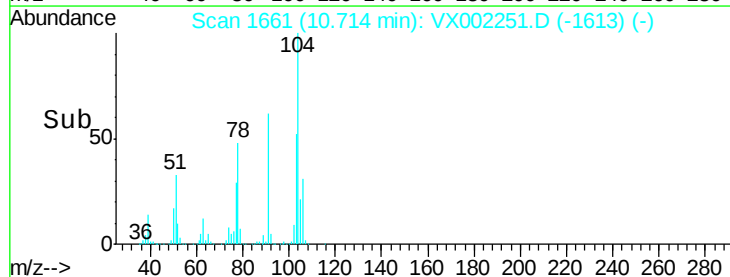
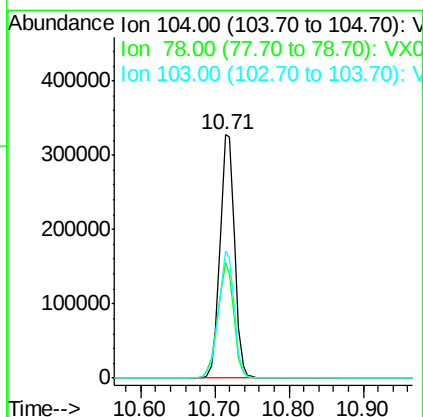
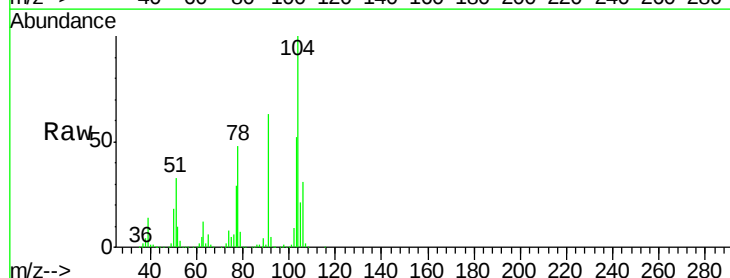
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

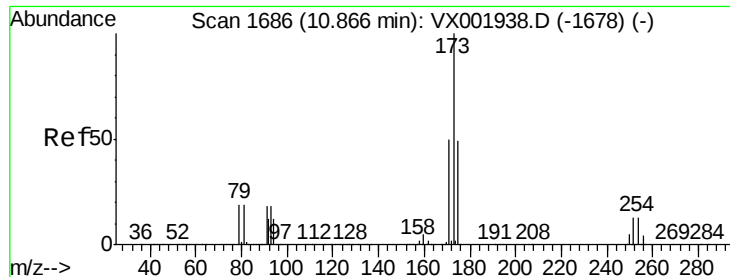
Tot Ion:106 Resp: 262189
Ion Ratio Lower Upper
106 100
91 215.5 108.7 325.9



#70
Styrene
Concen: 47.92 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002251.D
Acq: 02 Jun 2018 20:31

Tgt Ion:104 Resp: 444088
Ion Ratio Lower Upper
104 100
78 51.4 41.8 62.6
103 55.8 44.6 67.0





#71

Bromoform

Concen: 37.81 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

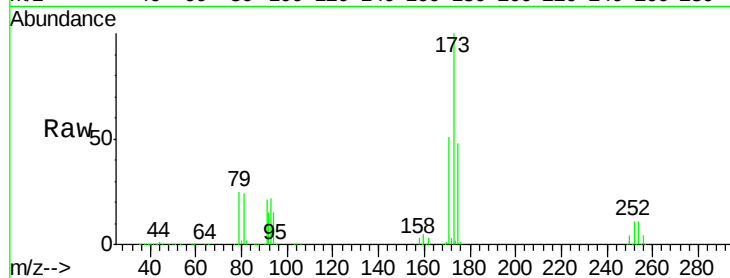
Tot Ion:173 Resp: 122013

Ion Ratio Lower Upper

173 100

175 48.6 24.3 72.9

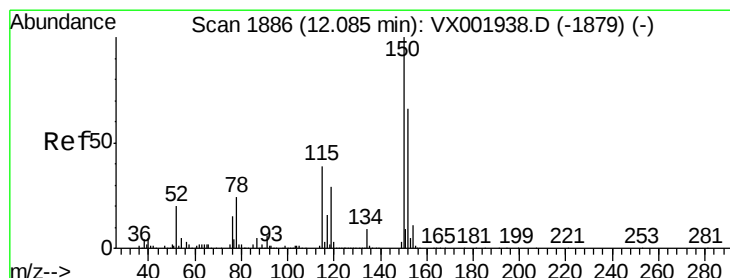
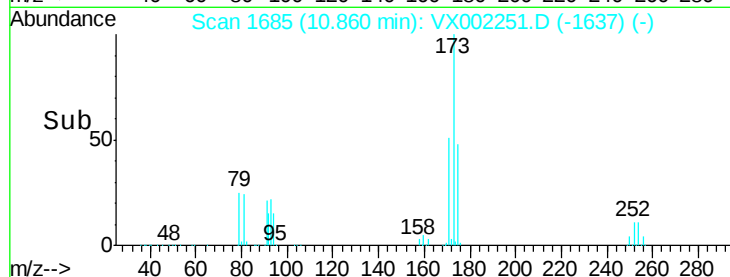
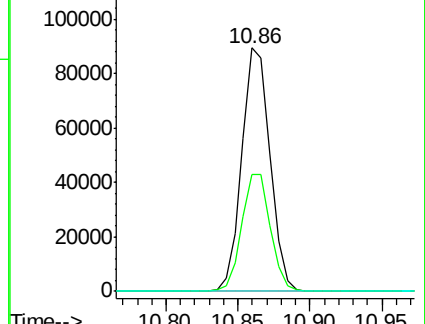
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

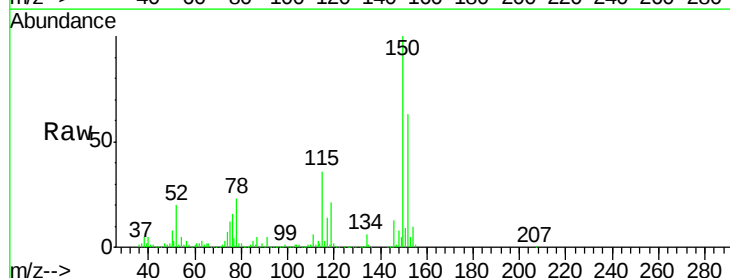
Tgt Ion:152 Resp: 179539

Ion Ratio Lower Upper

152 100

115 81.4 42.3 126.8

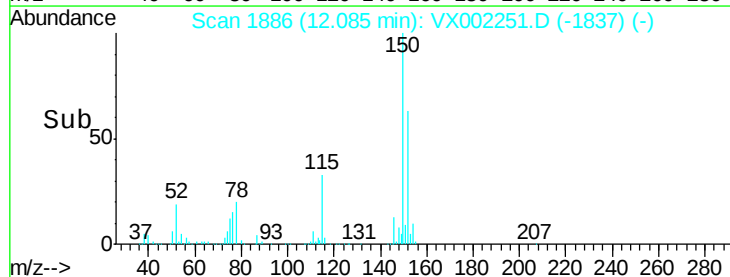
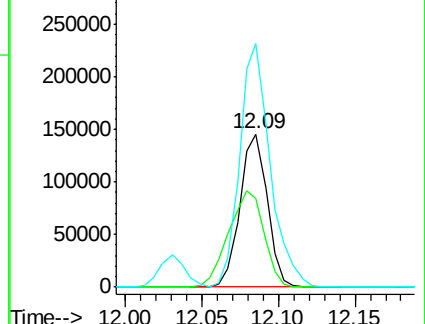
150 177.8 0.0 351.0

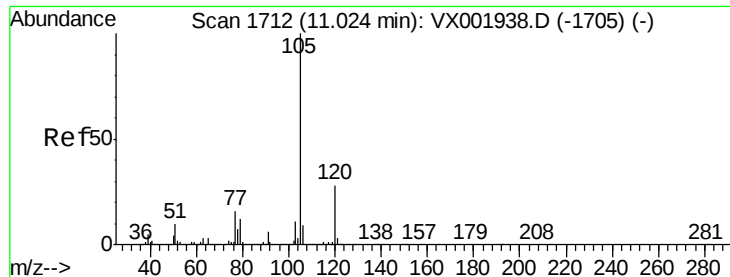


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 43.18 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

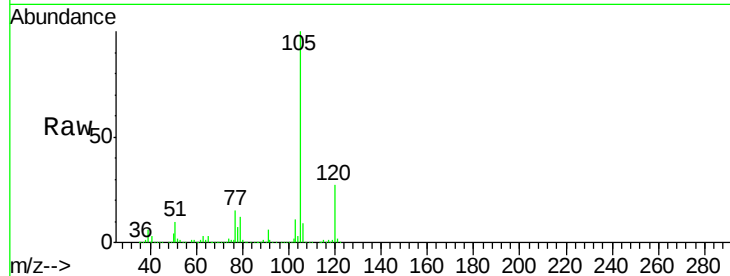
VSTDCCC050EC

Tot Ion:105 Resp: 656472

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

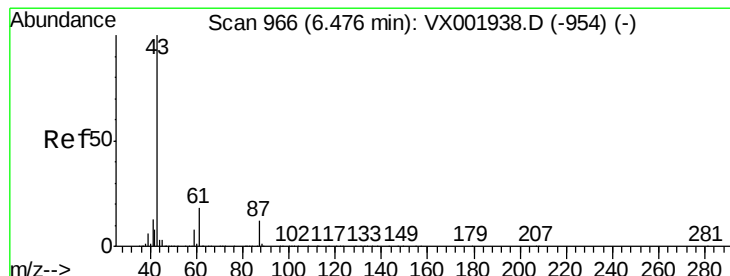
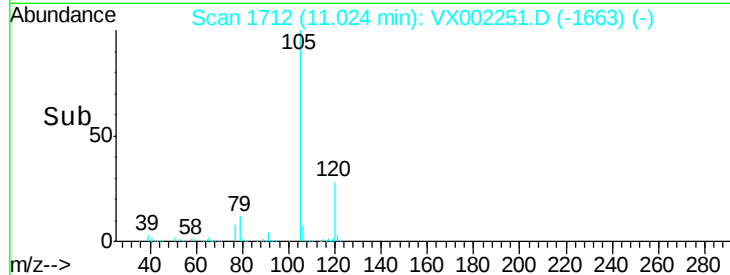
100000

0

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 48.54 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Tgt Ion: 43 Resp: 383546

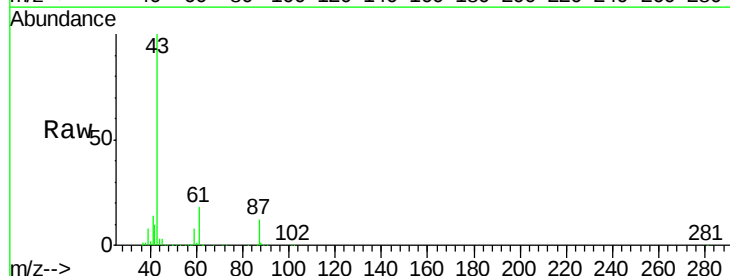
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.1 0.1 0.1

61 17.9 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

200000

150000

100000

50000

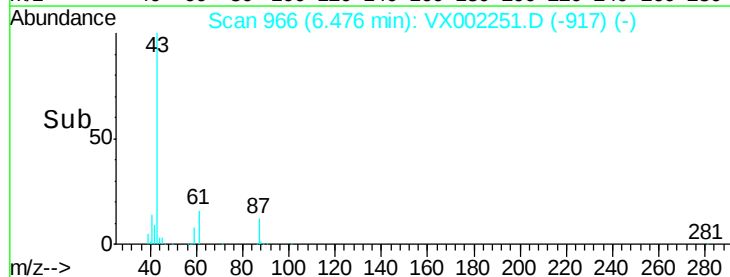
0

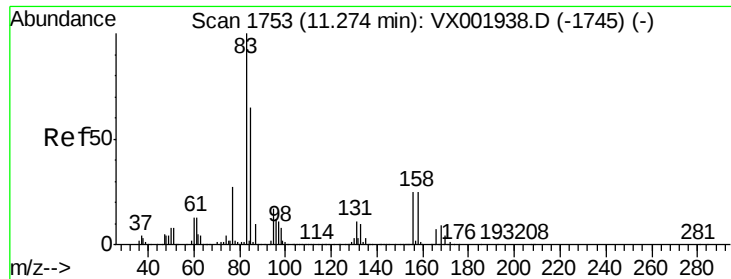
6.40

6.50

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 54.91 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Instrument :

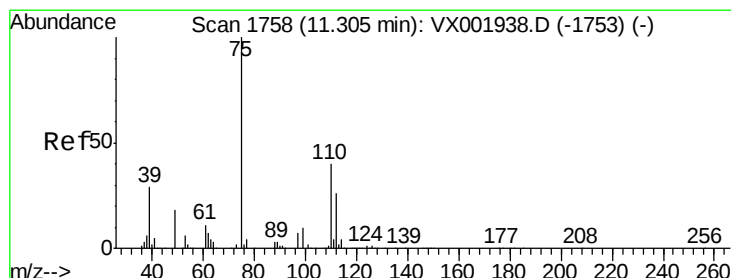
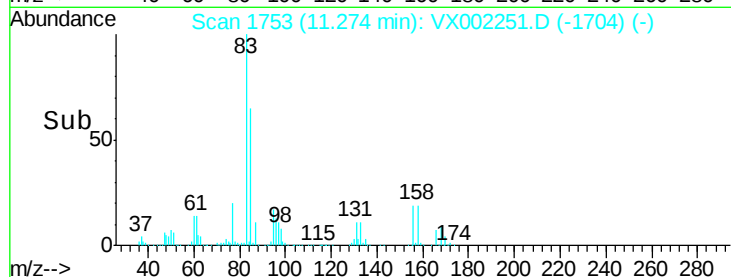
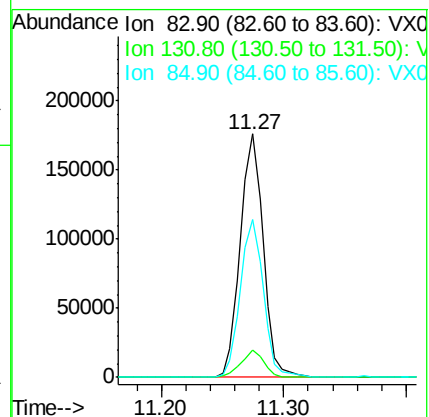
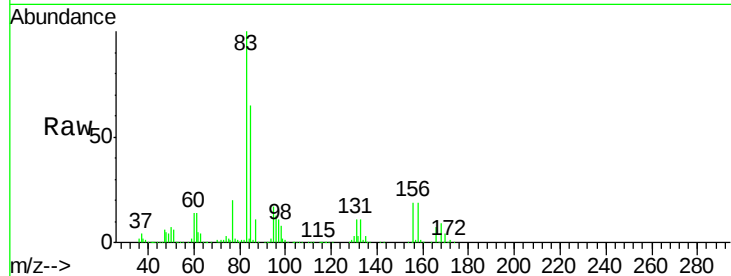
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 227796

Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.7	17.0
85	65.3	32.6	97.7



#76

1,2,3-Trichloropropane

Concen: 63.48 ug/l

RT: 11.30 min Scan# 1757

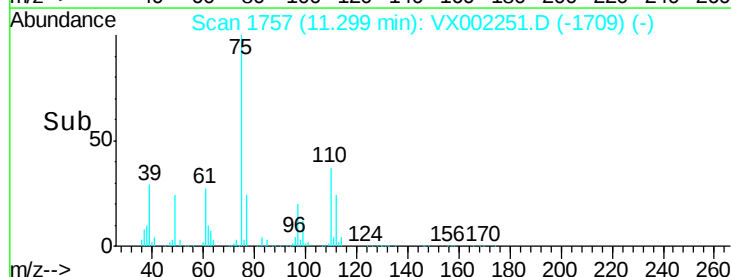
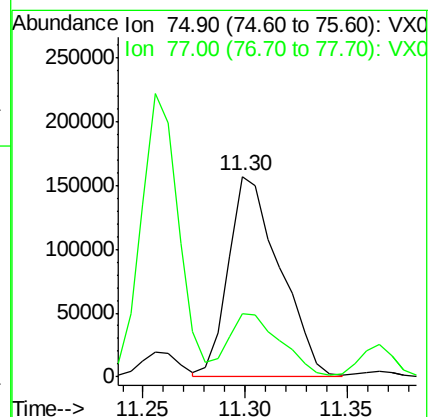
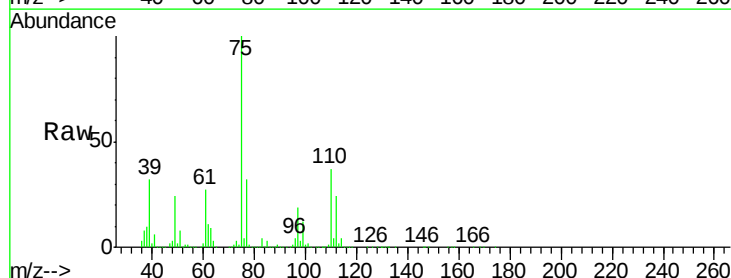
Delta R.T. -0.01 min

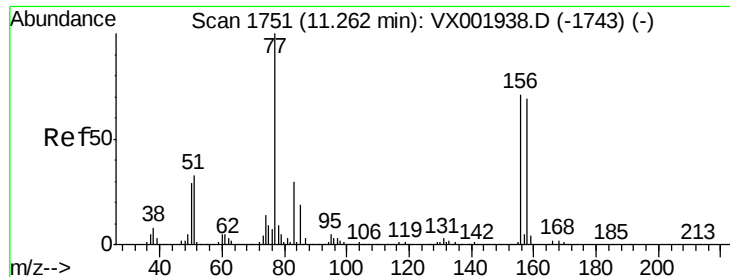
Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Tgt Ion: 75 Resp: 273738

Ion	Ratio	Lower	Upper
75	100		
77	32.5	22.8	68.3





#77

Bromobenzene

Concen: 49.11 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

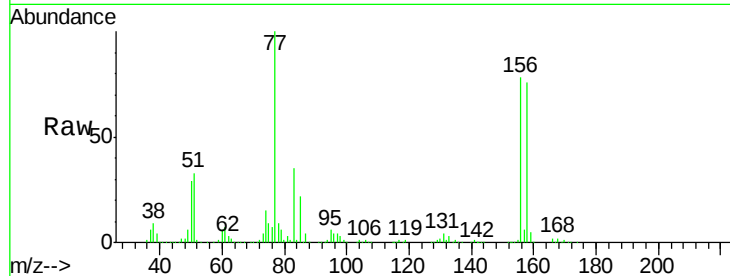
Tot Ion:156 Resp: 198108

Ion Ratio Lower Upper

156 100

77 141.7 75.2 225.6

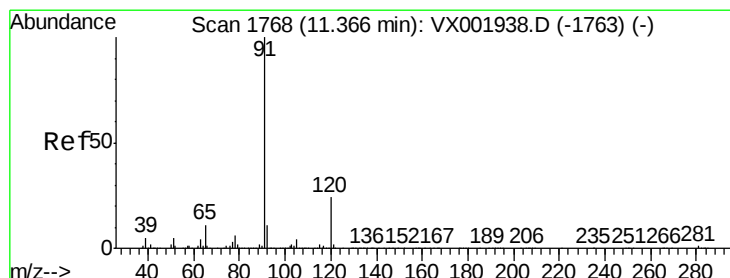
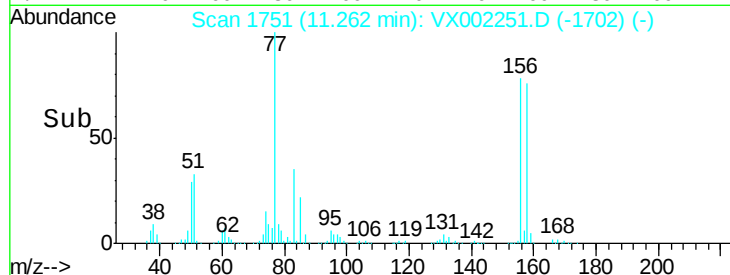
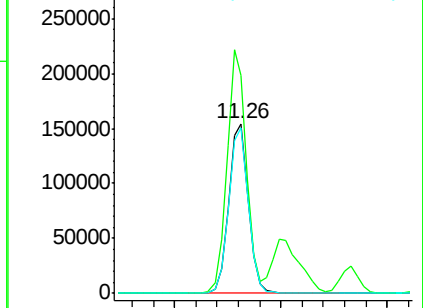
158 98.0 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 43.33 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002251.D

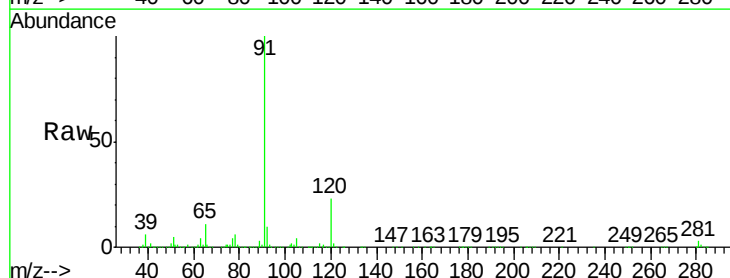
Acq: 02 Jun 2018 20:31

Tgt Ion: 91 Resp: 737861

Ion Ratio Lower Upper

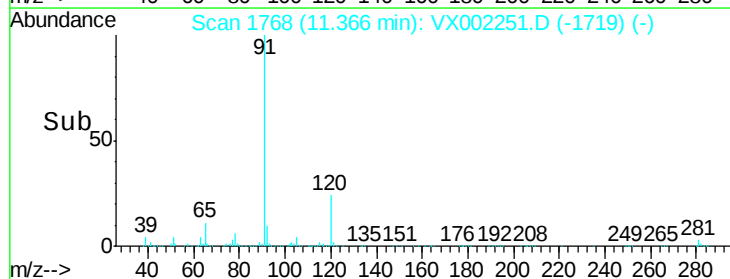
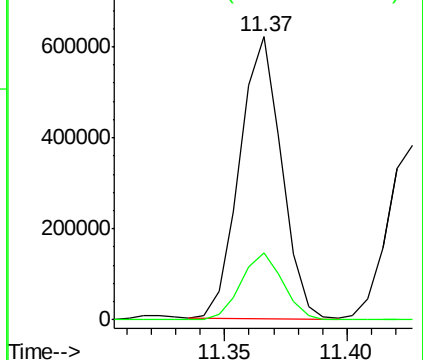
91 100

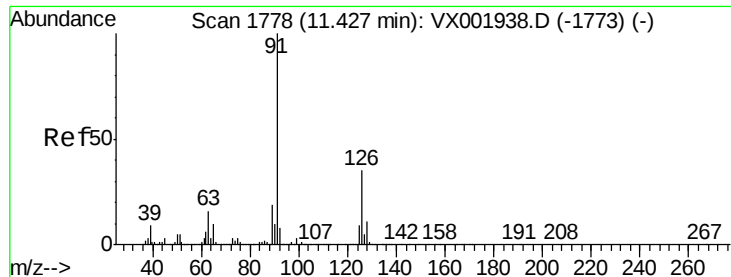
120 23.8 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.88 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

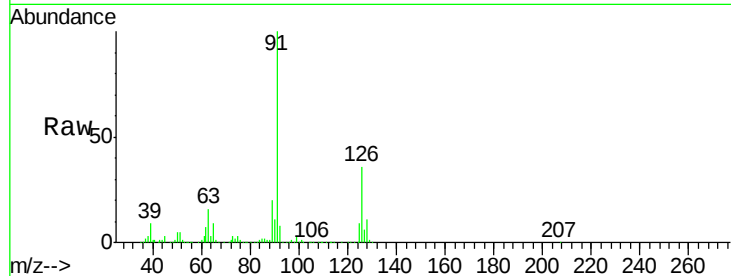
VSTDCCC050EC

Tot Ion: 91 Resp: 474857

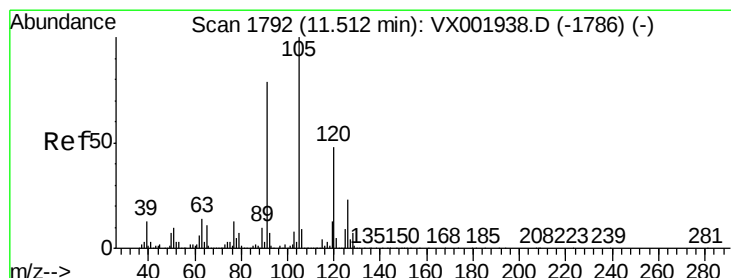
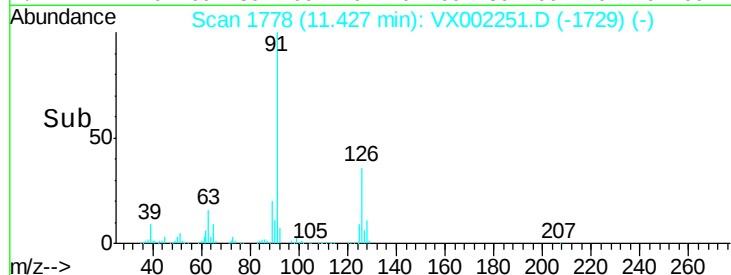
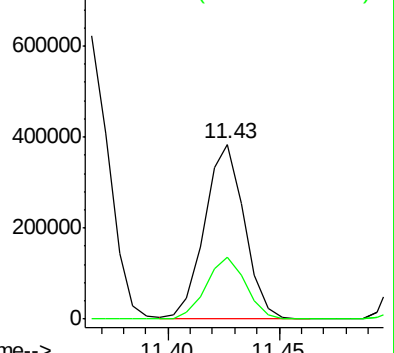
Ion Ratio Lower Upper

91 100

126 35.4 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VX001938.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 44.03 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002251.D

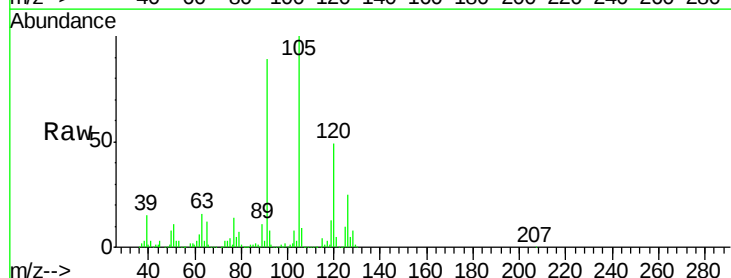
Acq: 02 Jun 2018 20:31

Tgt Ion: 105 Resp: 572124

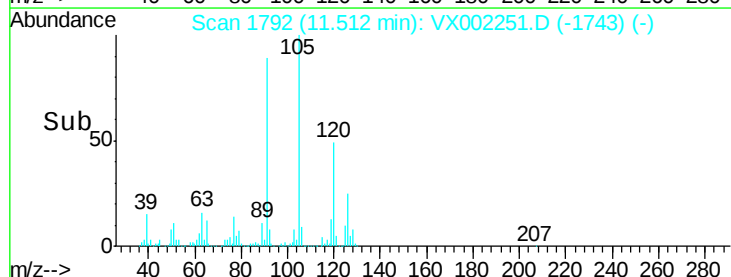
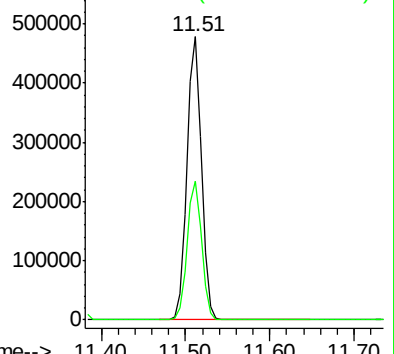
Ion Ratio Lower Upper

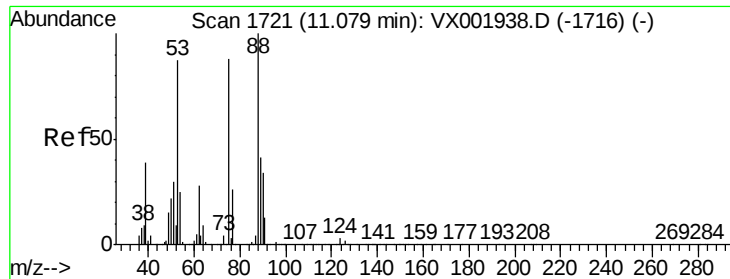
105 100

120 49.0 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX001938.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 33.54 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

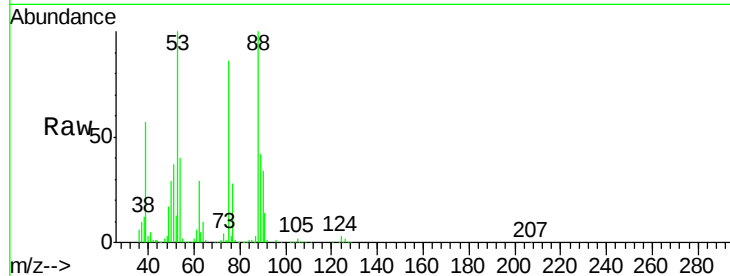
Tot Ion: 75 Resp: 60174

Ion Ratio Lower Upper

75 100

53 115.0 78.0 117.0

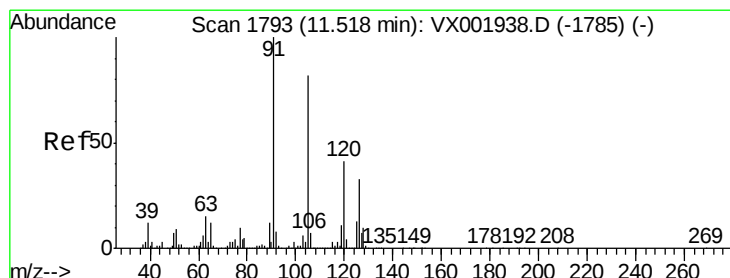
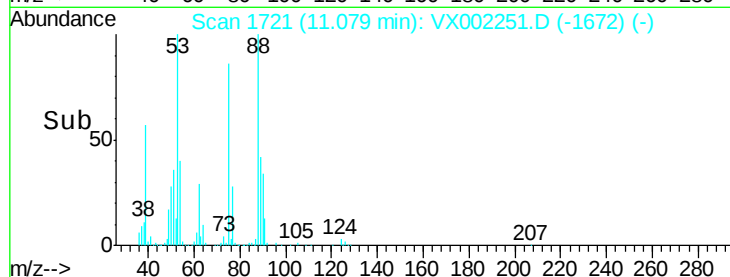
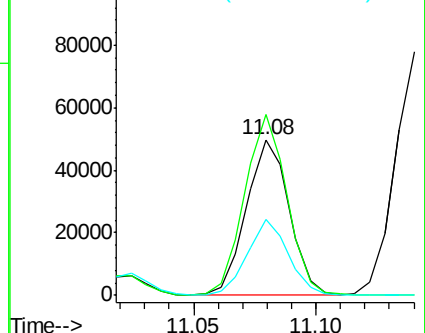
89 47.1 39.4 59.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 46.37 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX002251.D

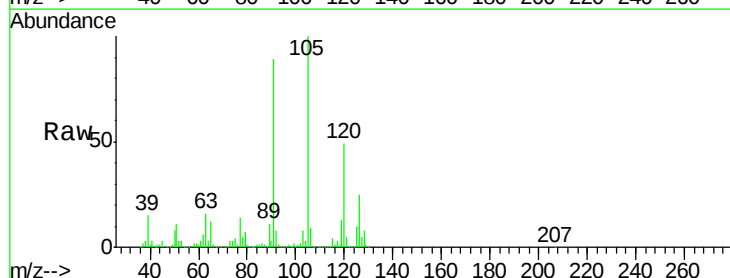
Acq: 02 Jun 2018 20:31

Tgt Ion: 91 Resp: 556931

Ion Ratio Lower Upper

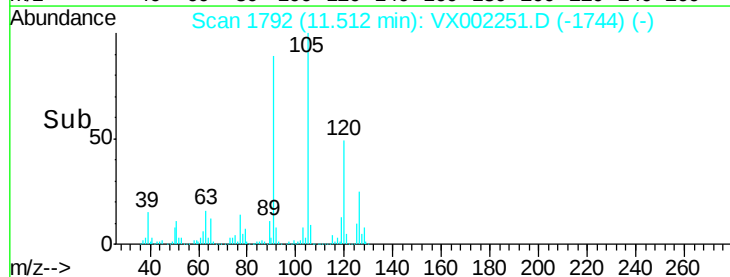
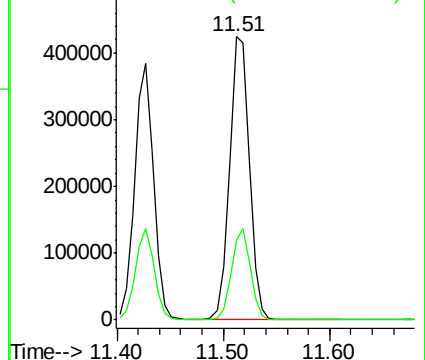
91 100

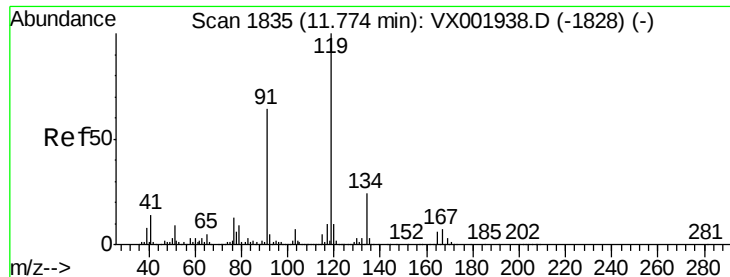
126 30.7 15.3 45.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 42.75 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

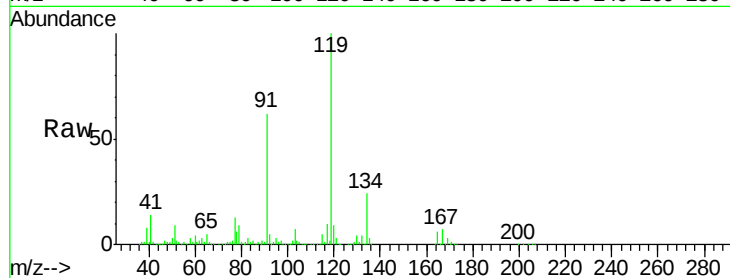
Tot Ion:119 Resp: 545076

Ion Ratio Lower Upper

119 100

91 60.3 30.6 91.8

134 23.9 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

11.77

400000

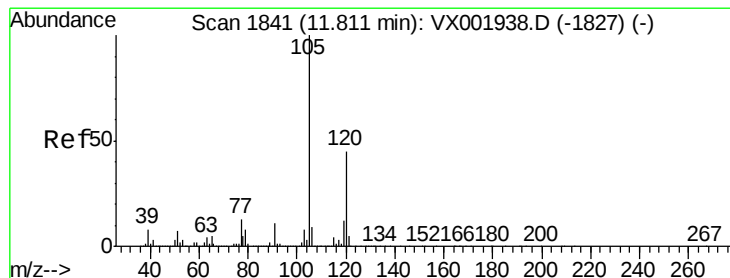
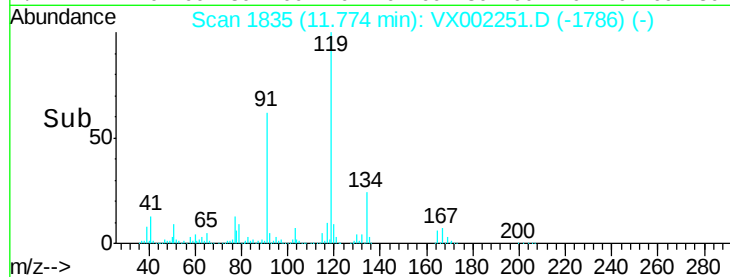
300000

200000

100000

0

Time--> 11.70 11.75 11.80



#84

1,2,4-Trimethylbenzene

Concen: 45.39 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX002251.D

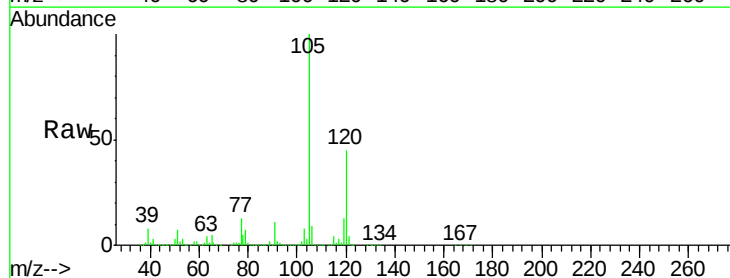
Acq: 02 Jun 2018 20:31

Tgt Ion:105 Resp: 609423

Ion Ratio Lower Upper

105 100

120 44.0 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.81

600000

500000

400000

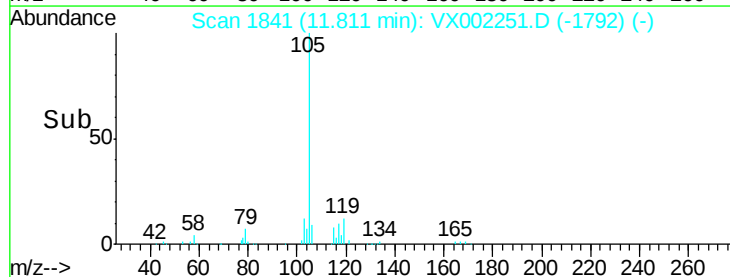
300000

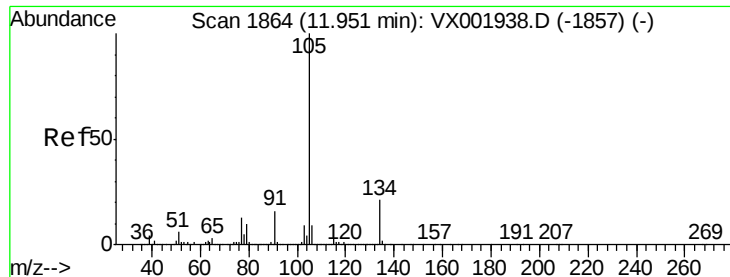
200000

100000

0

Time--> 11.70 11.80 11.90





#85

sec-Butylbenzene

Concen: 41.69 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

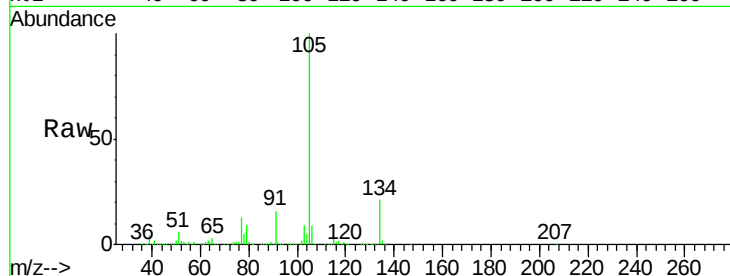
VSTDCCC050EC

Tot Ion:105 Resp: 638980

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

600000

500000

400000

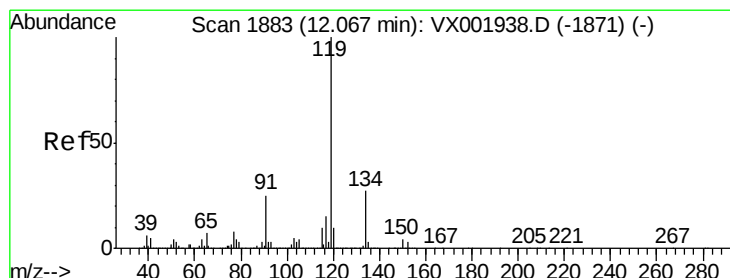
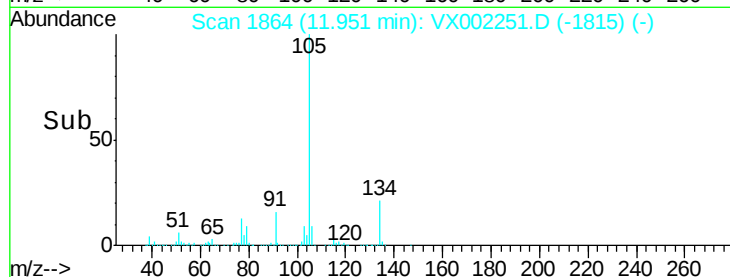
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 43.15 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

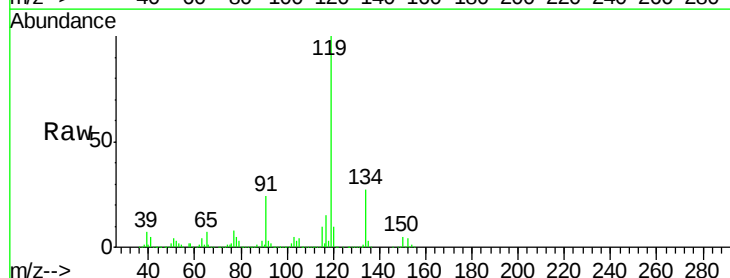
Tgt Ion:119 Resp: 591854

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.8

91 23.9 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

12.07

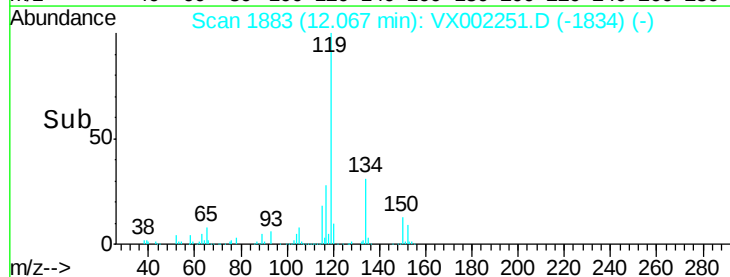
600000

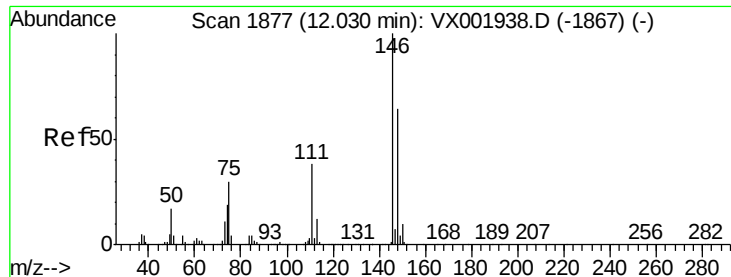
400000

200000

0

Time-->

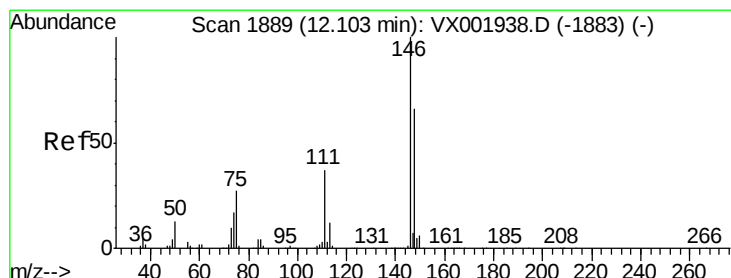
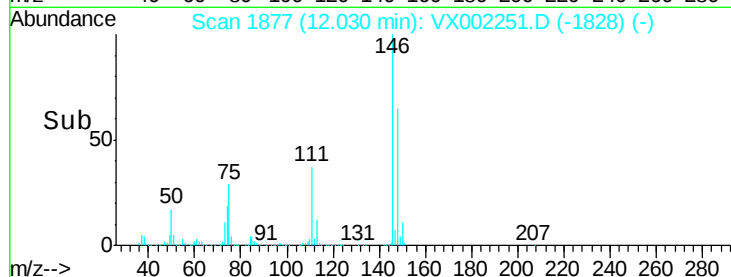
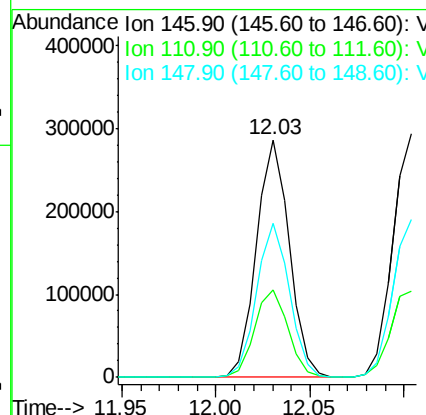
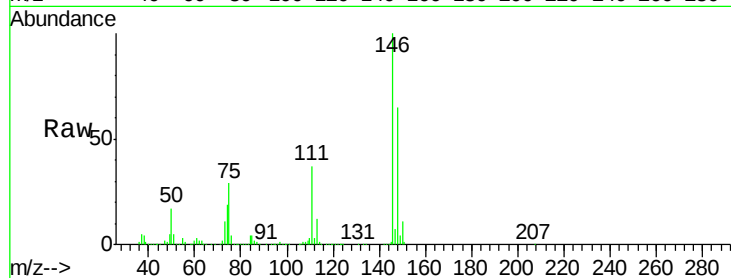




#87
 1,3-Dichlorobenzene
 Concen: 47.98 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002251.D
 Acq: 02 Jun 2018 20:31

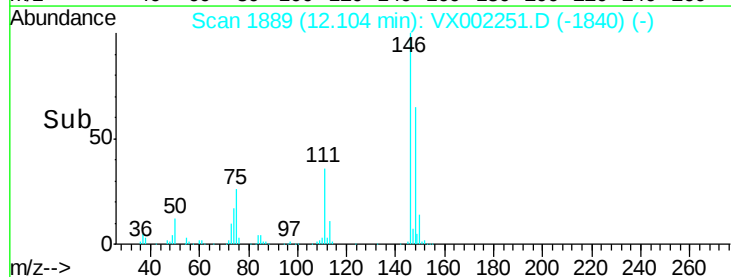
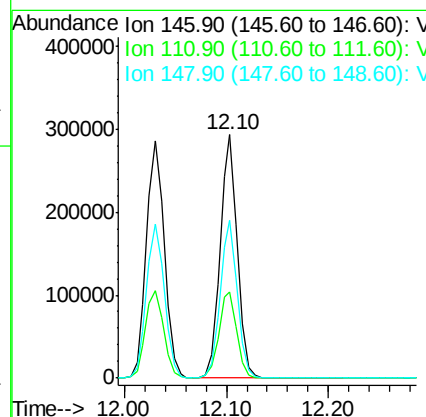
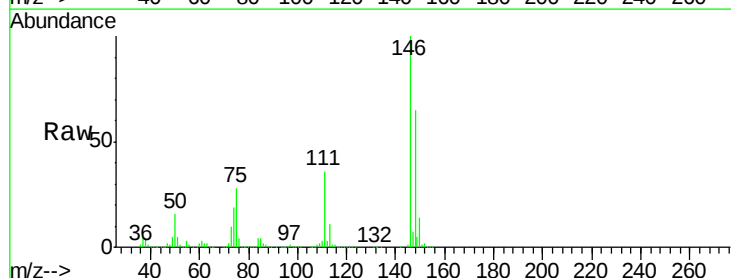
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

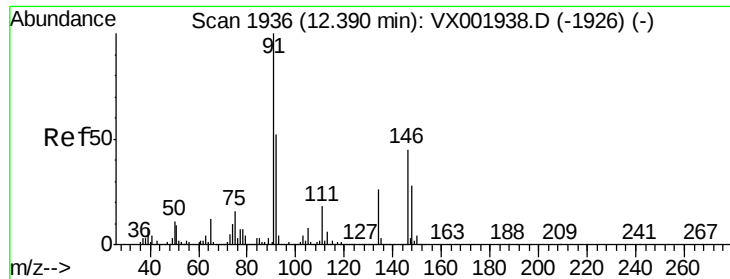
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.3	57.8
148	64.8	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 48.37 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002251.D
 Acq: 02 Jun 2018 20:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.9	56.5
148	64.8	32.3	96.8





#89

n-Butylbenzene

Concen: 41.52 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002251.D

Acq: 02 Jun 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

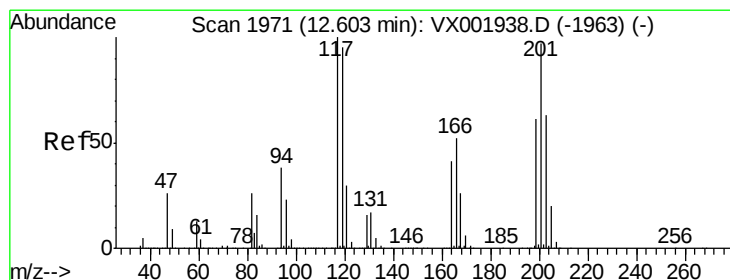
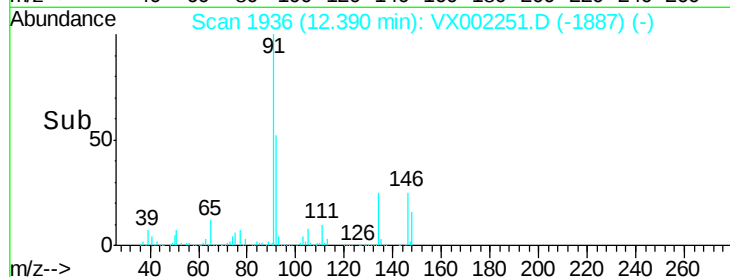
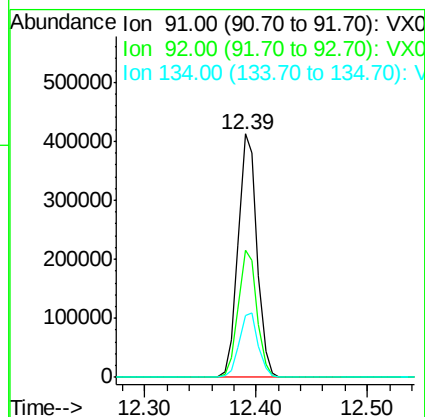
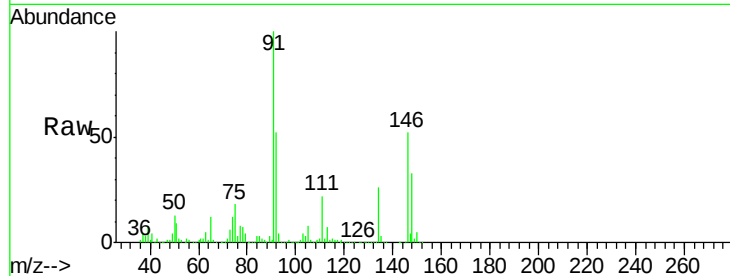
Tot Ion: 91 Resp: 482496

Ion Ratio Lower Upper

91 100

92 52.1 26.3 78.9

134 26.9 13.6 40.7



#90

Hexachloroethane

Concen: 34.35 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX002251.D

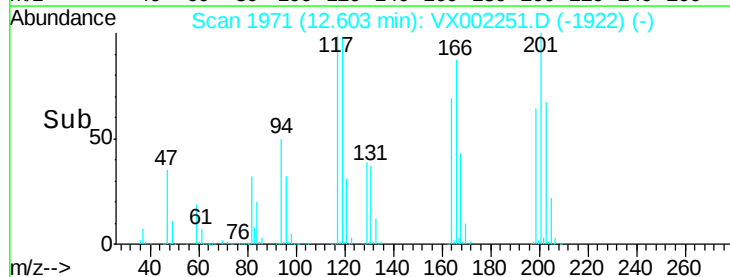
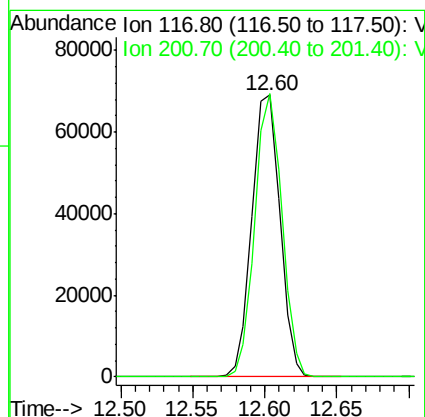
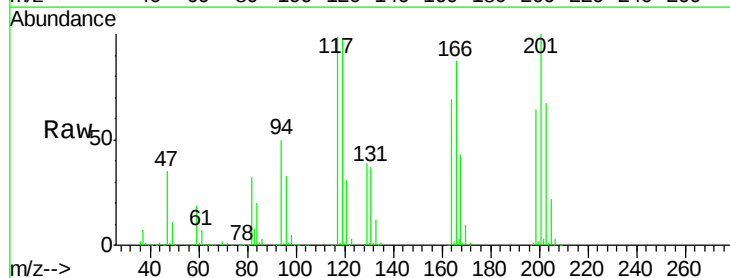
Acq: 02 Jun 2018 20:31

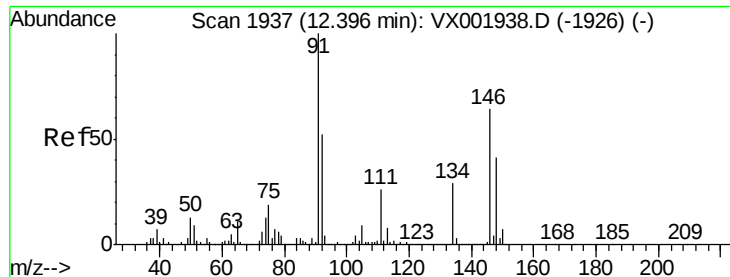
Tgt Ion: 117 Resp: 92935

Ion Ratio Lower Upper

117 100

201 96.6 48.0 144.0

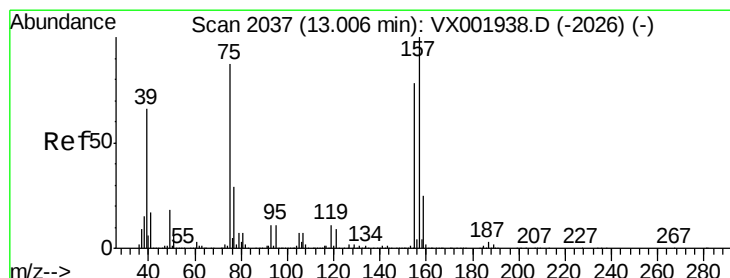
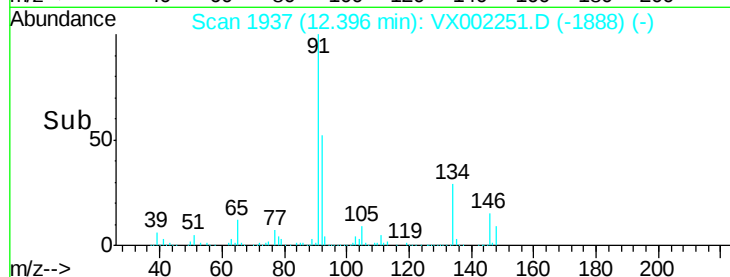
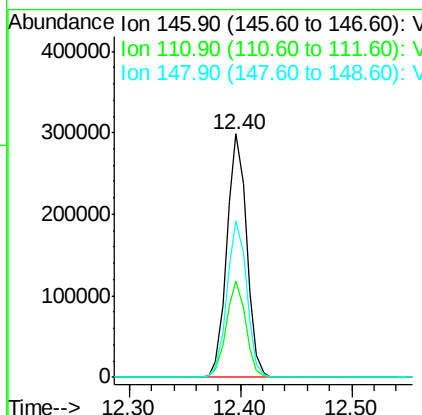
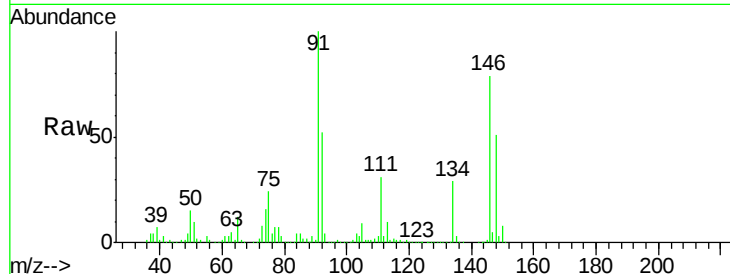




#91
 1,2-Dichlorobenzene
 Concen: 49.83 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002251.D
 Acq: 02 Jun 2018 20:31

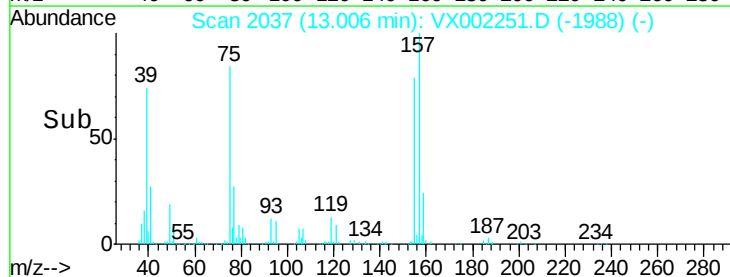
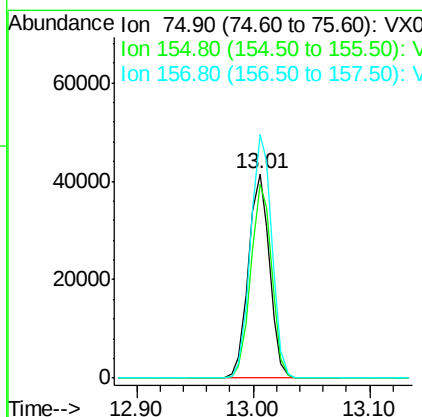
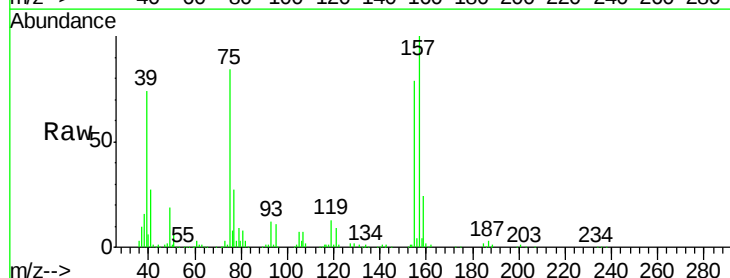
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

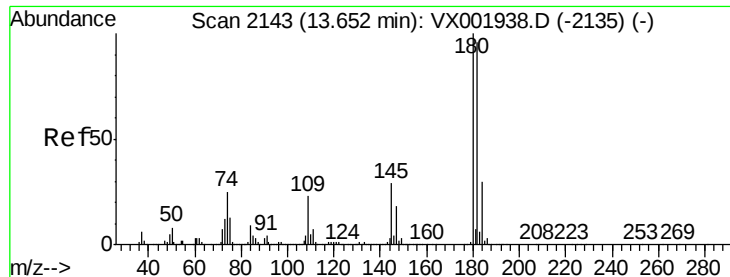
Tot Ion:146 Resp: 366783
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.8 59.3
 148 64.0 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 39.13 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002251.D
 Acq: 02 Jun 2018 20:31

Tgt Ion: 75 Resp: 52887
 Ion Ratio Lower Upper
 75 100
 155 93.6 45.1 135.2
 157 119.6 58.1 174.2

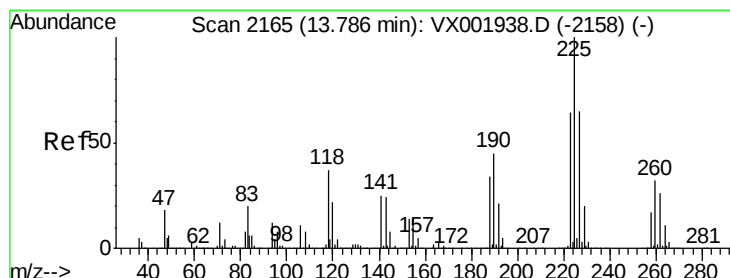
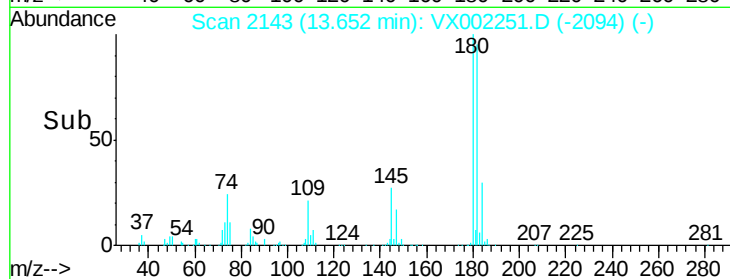
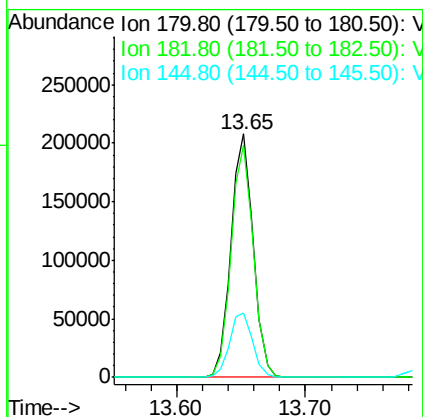
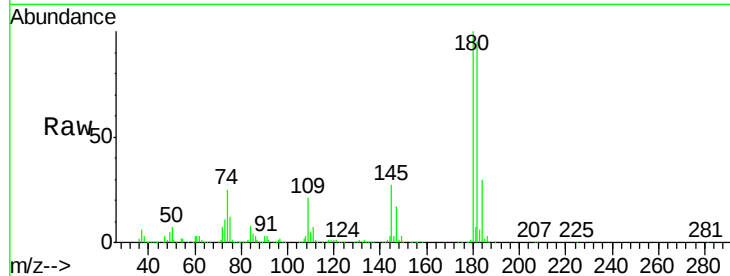




#93
 1,2,4-Trichlorobenzene
 Concen: 47.68 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002251.D
 Acq: 02 Jun 2018 20:31

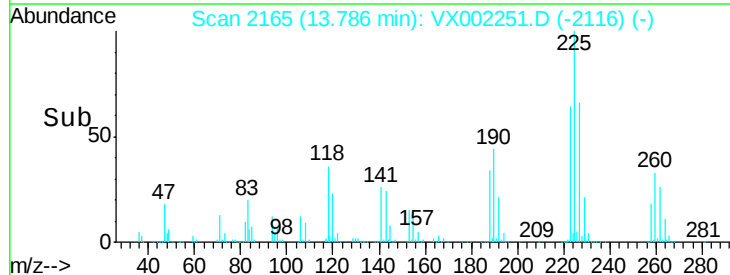
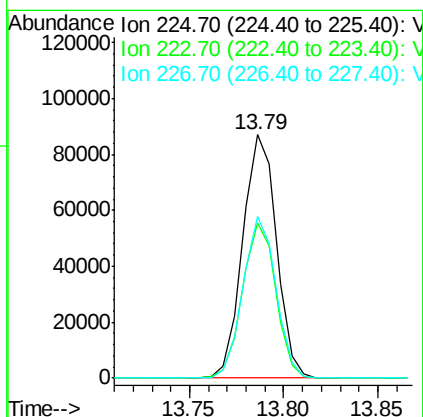
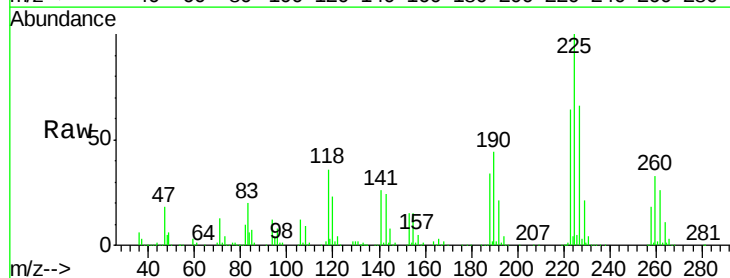
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

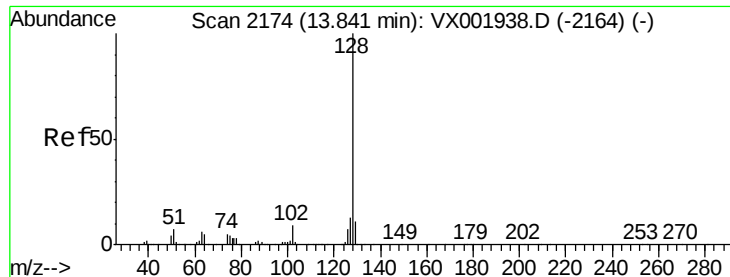
Tot Ion:180 Resp: 250965
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.7 143.1
 145 27.6 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 38.15 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002251.D
 Acq: 02 Jun 2018 20:31

Tgt Ion:225 Resp: 108020
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.1 93.5
 227 64.7 32.1 96.5

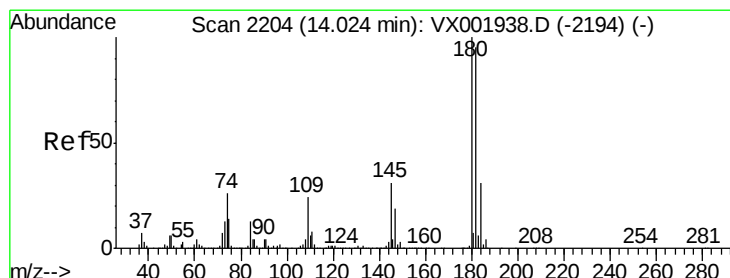
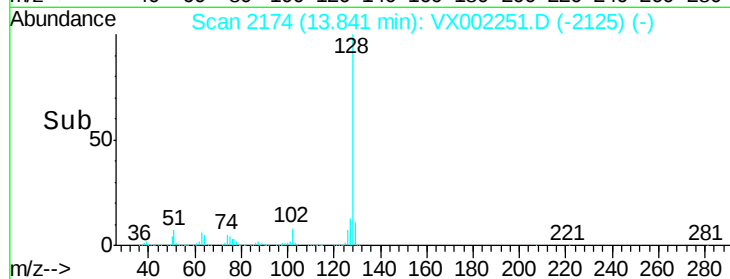
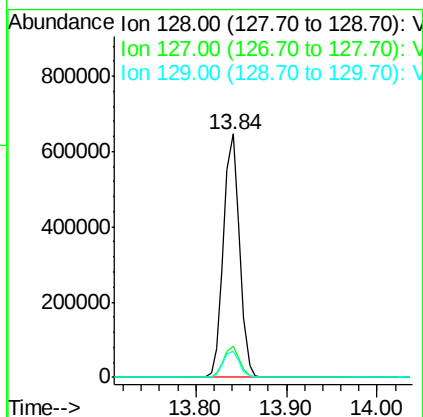
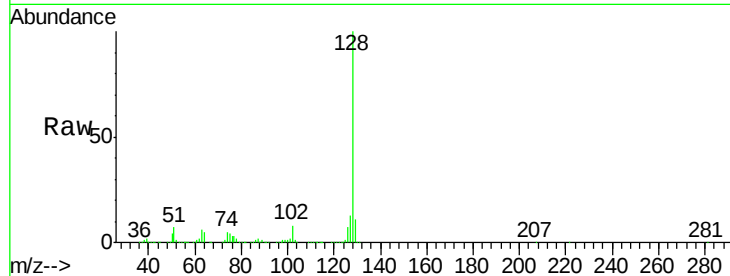




#95
Naphthalene
Concen: 49.25 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002251.D
Acq: 02 Jun 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 798525
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 48.73 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX002251.D
Acq: 02 Jun 2018 20:31

Tgt Ion:180 Resp: 265389
Ion Ratio Lower Upper
180 100
182 95.7 47.9 143.6
145 29.7 15.1 45.3

