

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005110.D
 Acq On : 06 Oct 2018 11:46
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 08 00:59:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	230591	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	305418	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182573	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	159278	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
35) Dibromofluoromethane	5.49	113	137637	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	
50) Toluene-d8	8.72	98	449043	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
62) 4-Bromofluorobenzene	11.14	95	172175	55.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	164896	52.447	ug/l	99
3) Chloromethane	1.32	50	186239	48.824	ug/l	96
4) Vinyl Chloride	1.40	62	181577	50.754	ug/l	98
5) Bromomethane	1.64	94	126803	59.771	ug/l	96
6) Chloroethane	1.71	64	101026	51.905	ug/l	100
7) Trichlorofluoromethane	1.92	101	229393	51.793	ug/l	90
8) Diethyl Ether	2.19	74	94427	49.076	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	122456	48.538	ug/l	97
10) Methyl Iodide	2.51	142	138665	41.073	ug/l	96
11) Tert butyl alcohol	3.08	59	242507	263.299	ug/l	98
12) 1,1-Dichloroethene	2.37	96	123308	49.352	ug/l #	79
13) Acrolein	2.29	56	74566	113.787	ug/l	92
14) Allyl chloride	2.72	41	267035	48.983	ug/l	94
15) Acrylonitrile	3.15	53	512746	252.890	ug/l	93
16) Acetone	2.45	43	462485	240.489	ug/l	98
17) Carbon Disulfide	2.56	76	316997	42.222	ug/l	100
18) Methyl Acetate	2.78	43	299540	61.477	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	468373	54.346	ug/l	92
20) Methylene Chloride	2.85	84	141952	50.781	ug/l #	84
21) trans-1,2-Dichloroethene	3.16	96	132633	48.493	ug/l	92
22) Diisopropyl ether	3.87	45	508369	55.378	ug/l	92
23) Vinyl Acetate	3.82	43	2055814	244.653	ug/l	96
24) 1,1-Dichloroethane	3.70	63	277144	50.611	ug/l	99
25) 2-Butanone	4.70	43	734764	259.203	ug/l	100
26) 2,2-Dichloropropane	4.59	77	102890	26.982	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	158330	51.819	ug/l	94
28) Bromochloromethane	5.03	49	126865	49.197	ug/l	98
29) Tetrahydrofuran	5.16	42	469126	266.266	ug/l	98
30) Chloroform	5.22	83	262856	50.790	ug/l	85
31) Cyclohexane	5.57	56	218009	52.017	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	217168	51.382	ug/l	94
36) 1,1-Dichloropropene	5.80	75	183028	51.826	ug/l	95
37) Ethyl Acetate	4.86	43	257825	54.998	ug/l	98
38) Carbon Tetrachloride	5.79	117	186049	50.116	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	184297	51.106	ug/l #	85
40) Benzene	6.14	78	560782	50.720	ug/l	100
41) Methacrylonitrile	5.06	41	144736	55.672	ug/l	97
42) 1,2-Dichloroethane	6.19	62	201660	51.595	ug/l	98
43) Isopropyl Acetate	6.46	43	393277	58.123	ug/l	98
44) Trichloroethene	7.21	130	137124	50.450	ug/l	98
45) 1,2-Dichloropropane	7.51	63	143469	52.914	ug/l	95
46) Dibromomethane	7.66	93	88312	51.826	ug/l	100
47) Bromodichloromethane	7.90	83	172343	54.020	ug/l	99
48) Methyl methacrylate	7.78	41	179382	58.410	ug/l	100
49) 1,4-Dioxane	7.76	88	78991	1035.296	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1228624	288.387	ug/l	99
52) Toluene	8.79	92	320086	52.686	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	177087	49.120	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	189668	50.228	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	135059	50.751	ug/l	96
56) Ethyl methacrylate	9.18	69	215895	49.995	ug/l	98
57) 1,3-Dichloropropane	9.37	76	229187	51.746	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	577921	251.922	ug/l	99
59) 2-Hexanone	9.50	43	972257	273.859	ug/l	96
60) Dibromochloromethane	9.59	129	140904	52.944	ug/l	99
61) 1,2-Dibromoethane	9.67	107	138872	48.727	ug/l	95
64) Tetrachloroethene	9.34	164	139696	48.457	ug/l	95
65) Chlorobenzene	10.14	112	364041	48.467	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	132926	50.339	ug/l	100
67) Ethyl Benzene	10.25	91	618634	51.878	ug/l	94
68) m/p-Xylenes	10.36	106	477051	102.374	ug/l	94
69) o-Xylene	10.70	106	233578	54.573	ug/l	99
70) Styrene	10.71	104	397190	49.634	ug/l	100
71) Bromoform	10.86	173	117236	51.859	ug/l	96
73) Isopropylbenzene	11.02	105	630856	54.820	ug/l	100
74) N-amyl acetate	10.90	43	314238	49.692	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	229228	48.934	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	254434	62.176	ug/l	83
77) Bromobenzene	11.26	156	170202	50.920	ug/l	99
78) n-propylbenzene	11.36	91	727855	55.124	ug/l	99
79) 2-Chlorotoluene	11.42	91	437421	53.148	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	542836	51.472	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52470	35.568	ug/l	99
82) 4-Chlorotoluene	11.51	91	513930	53.052	ug/l	100
83) tert-Butylbenzene	11.77	119	538804	56.867	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	561232	51.604	ug/l	98
85) sec-Butylbenzene	11.94	105	653148	56.596	ug/l	100
86) p-Isopropyltoluene	12.07	119	582714	55.731	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	318151	50.974	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	322689	50.083	ug/l	99
89) n-Butylbenzene	12.39	91	512367	53.957	ug/l	100
90) Hexachloroethane	12.60	117	95896	55.085	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	322433	49.433	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55937	54.384	ug/l	99

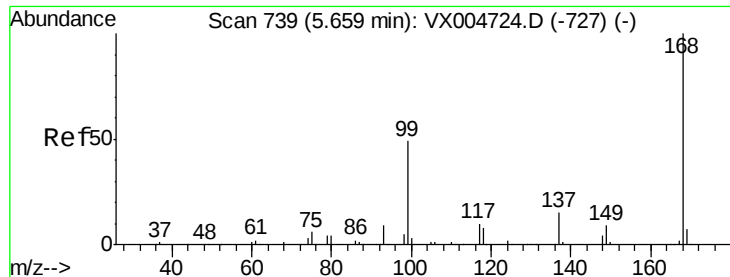
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	242663	53.035	ug/l	100
94) Hexachlorobutadiene	13.78	225	117530	49.535	ug/l	100
95) Naphthalene	13.83	128	786466	51.762	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	253502	53.634	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

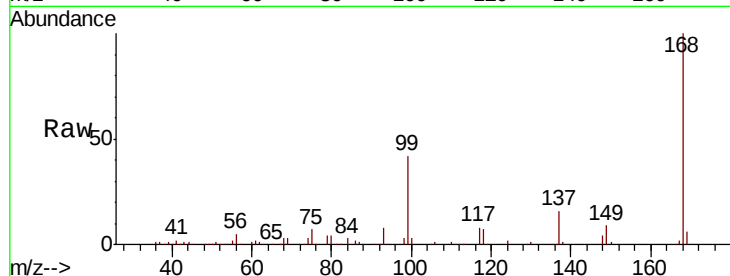
VSTDCCC050EC

Tot Ion:168 Resp: 230591

Ion Ratio Lower Upper

168 100

99 41.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

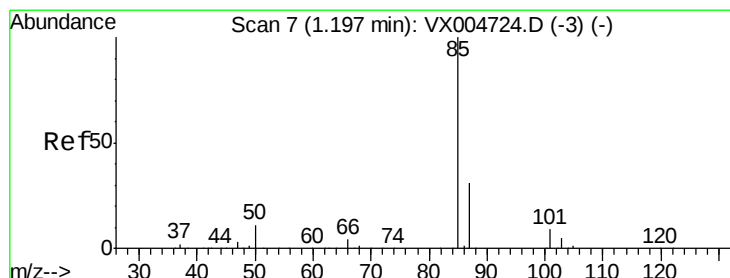
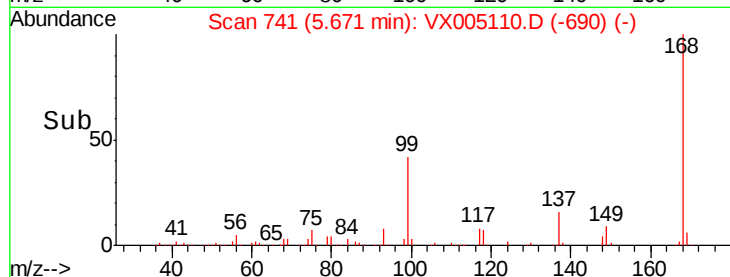
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 52.447 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005110.D

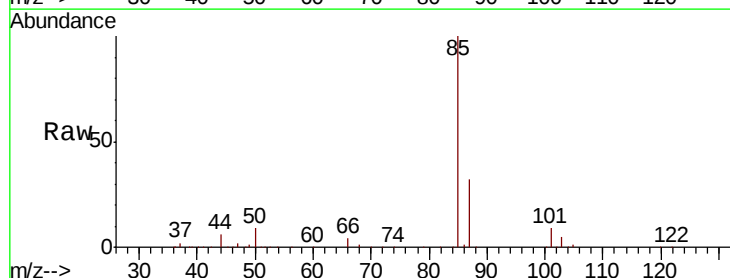
Acq: 06 Oct 2018 11:46

Tgt Ion: 85 Resp: 164896

Ion Ratio Lower Upper

85 100

87 31.8 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

150000

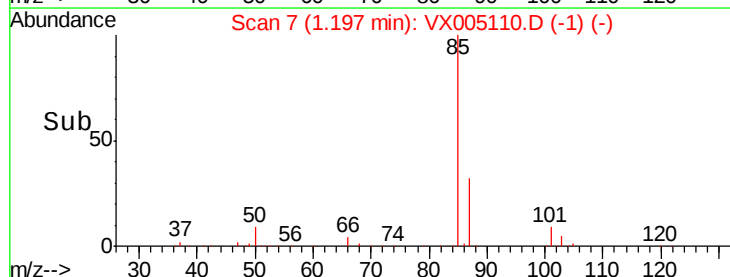
100000

50000

0

Time-->

1.10 1.20 1.30





#3

Chloromethane

Concen: 48.824 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

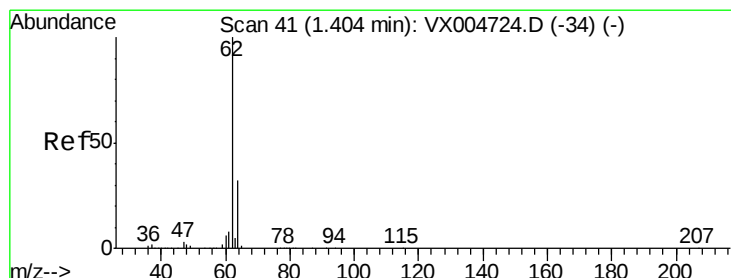
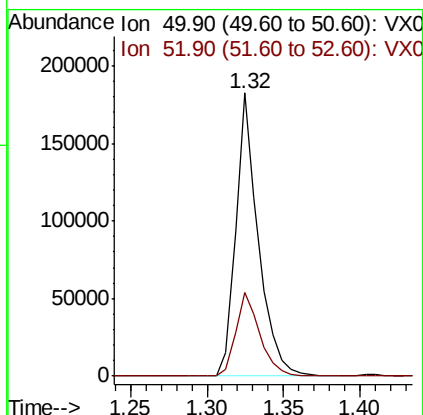
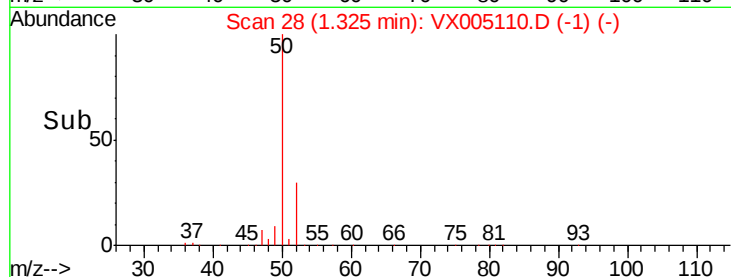
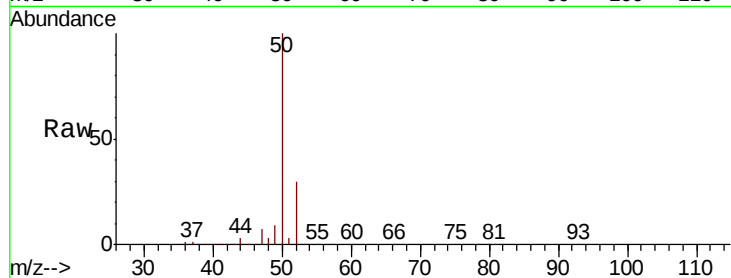
VSTDCCC050EC

Tot Ion: 50 Resp: 186239

Ion Ratio Lower Upper

50 100

52 29.8 25.8 38.6



#4

Vinyl Chloride

Concen: 50.754 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005110.D

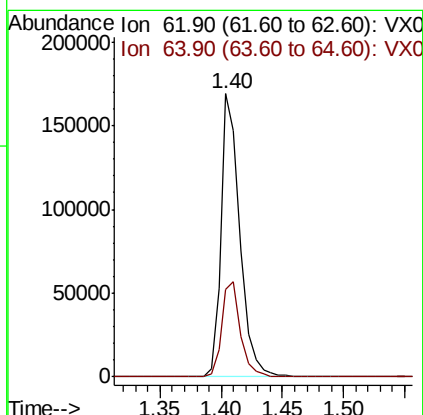
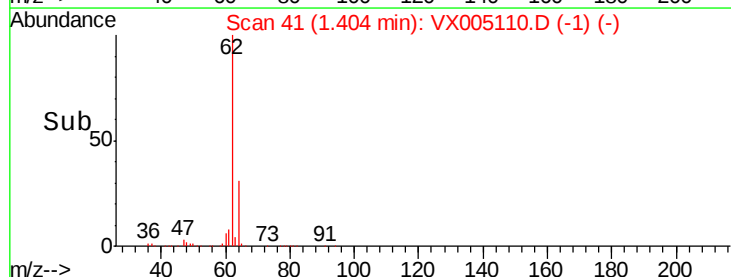
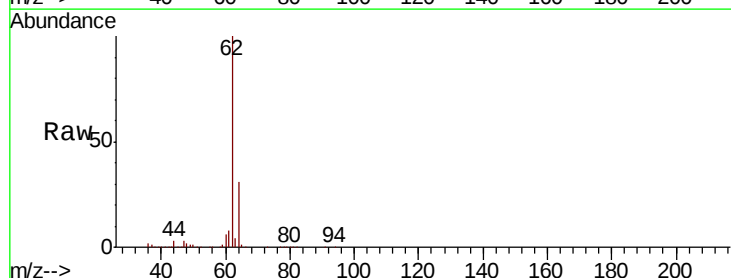
Acq: 06 Oct 2018 11:46

Tgt Ion: 62 Resp: 181577

Ion Ratio Lower Upper

62 100

64 30.8 25.5 38.3





#5

Bromomethane

Concen: 59.771 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

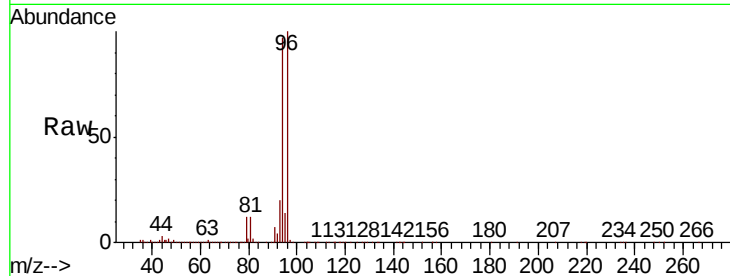
VSTDCCC050EC

Tot Ion: 94 Resp: 126803

Ion Ratio Lower Upper

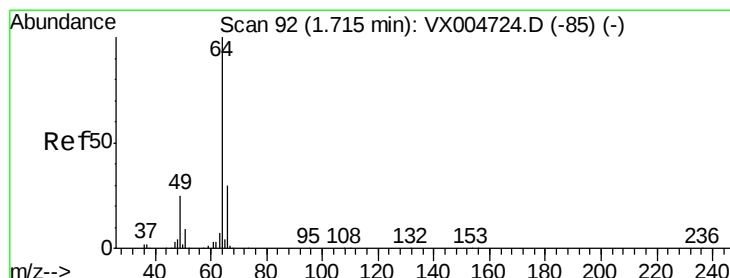
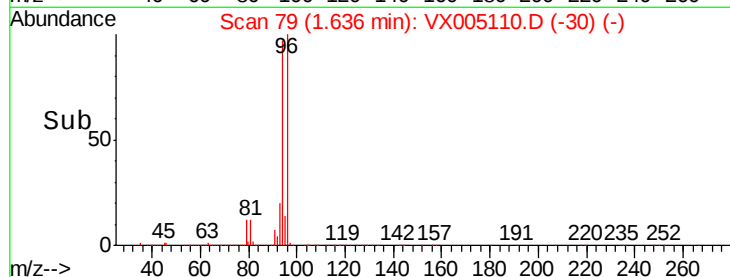
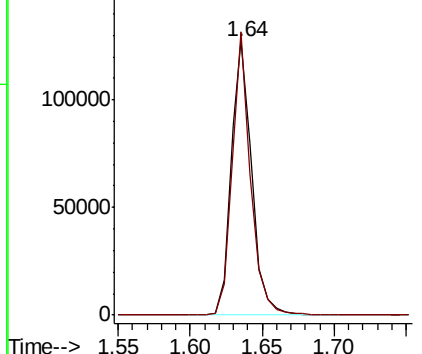
94 100

96 103.3 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.905 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX005110.D

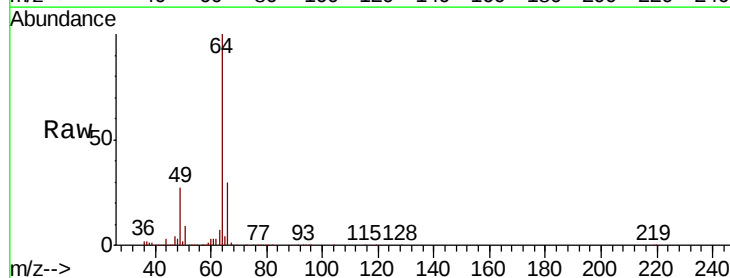
Acq: 06 Oct 2018 11:46

Tgt Ion: 64 Resp: 101026

Ion Ratio Lower Upper

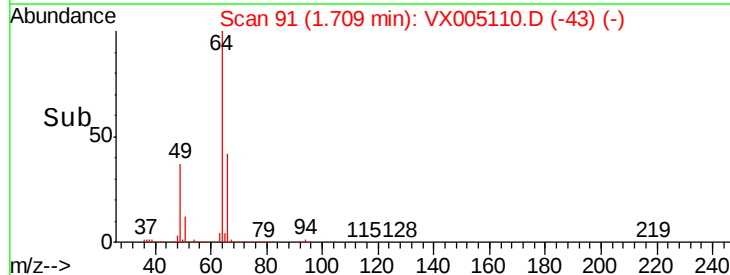
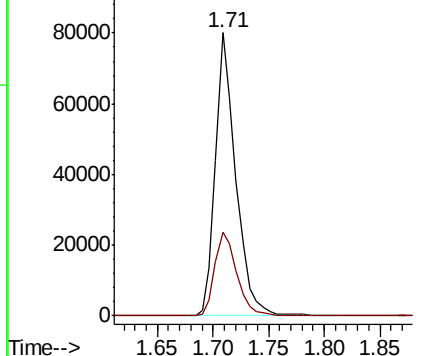
64 100

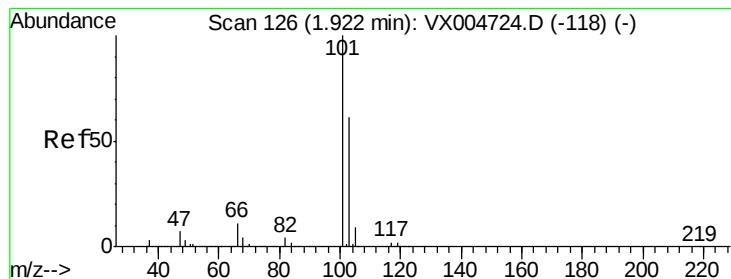
66 29.5 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



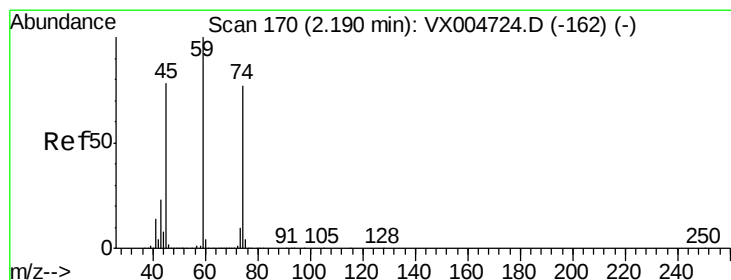
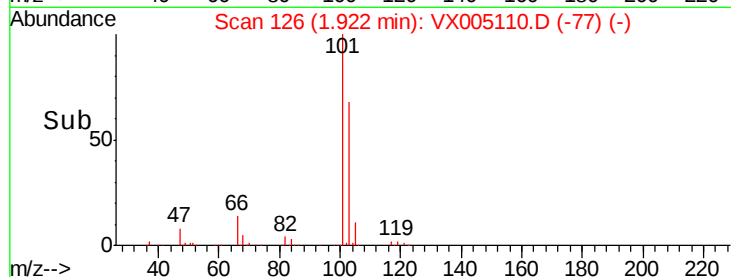
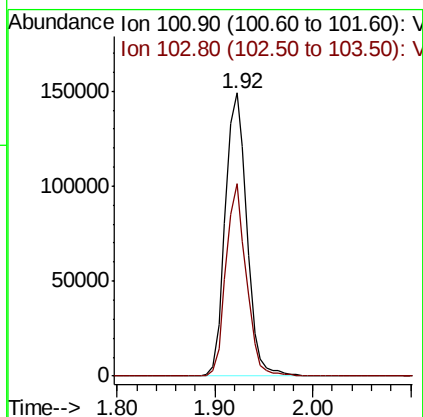
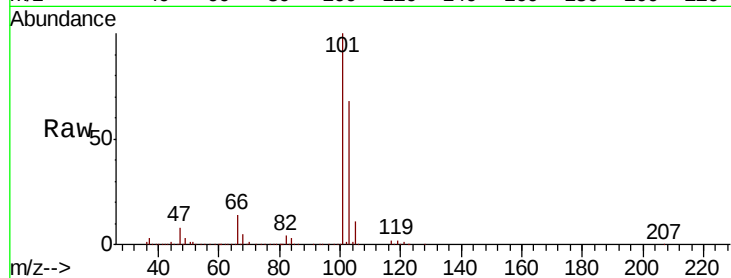


#7

Trichlorofluoromethane
 Concen: 51.793 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX005110.D
 Acq: 06 Oct 2018 11:46

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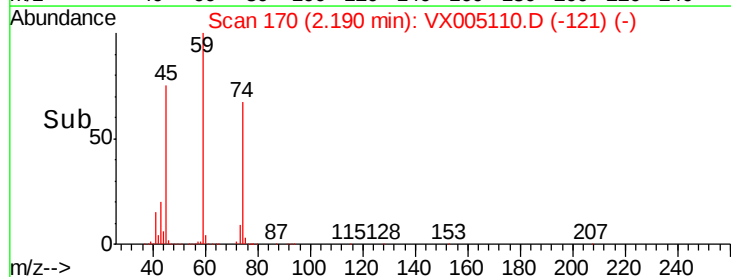
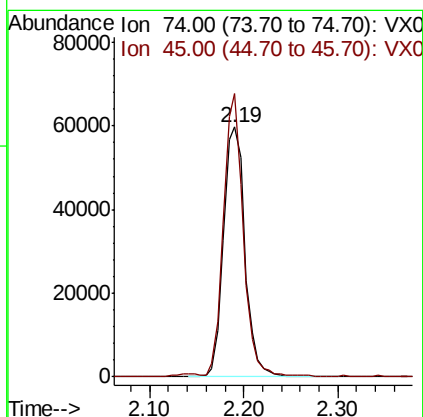
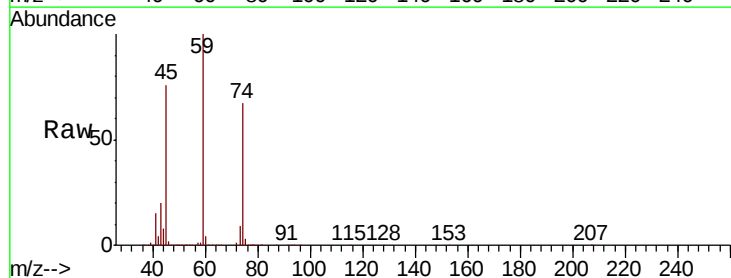
Tot Ion:101 Resp: 229393
 Ion Ratio Lower Upper
 101 100
 103 67.9 48.4 72.6

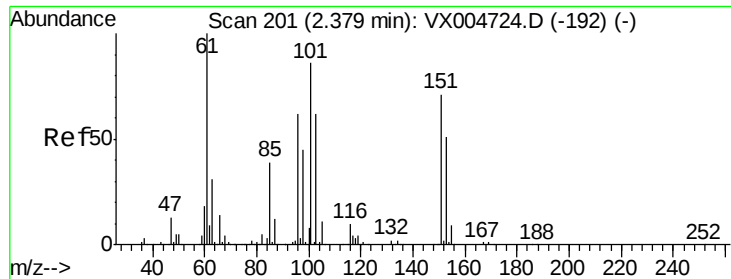


#8

Diethyl Ether
 Concen: 49.076 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX005110.D
 Acq: 06 Oct 2018 11:46

Tgt Ion: 74 Resp: 94427
 Ion Ratio Lower Upper
 74 100
 45 103.7 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.538 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

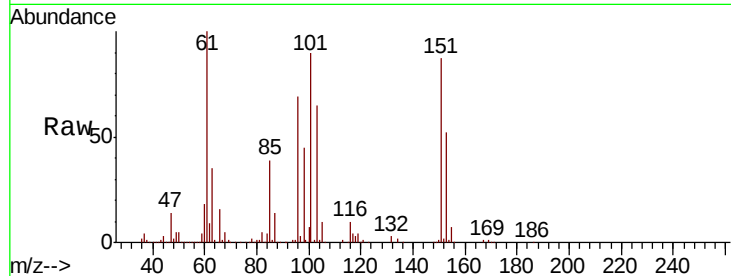
Tot Ion:101 Resp: 122456

Ion Ratio Lower Upper

101 100

85 43.9 35.9 53.9

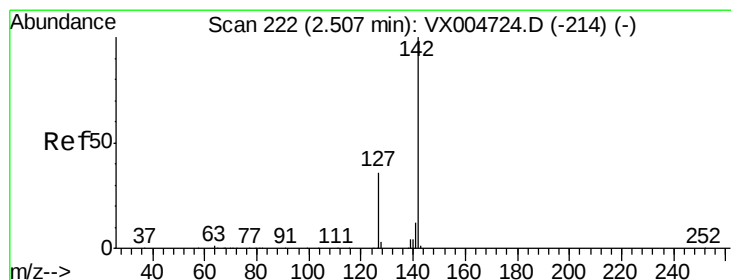
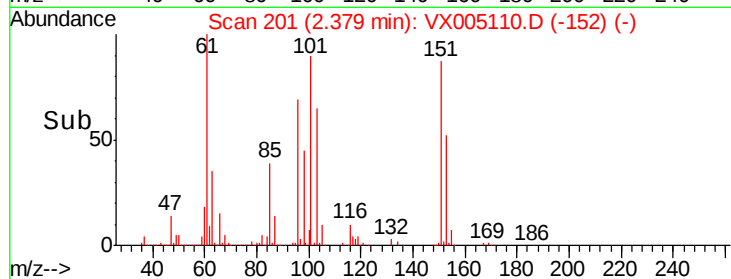
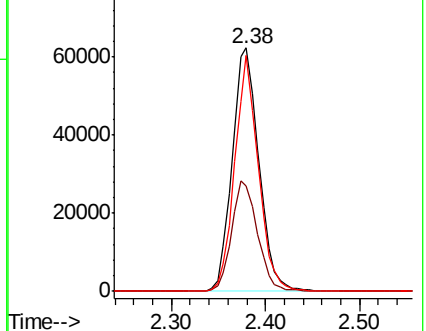
151 86.2 66.6 100.0



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: 41.073 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

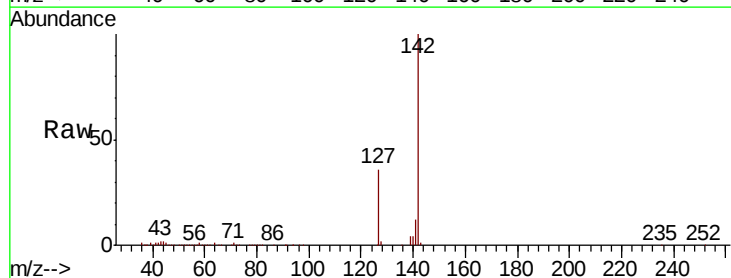
Tgt Ion:142 Resp: 138665

Ion Ratio Lower Upper

142 100

127 40.4 30.1 45.1

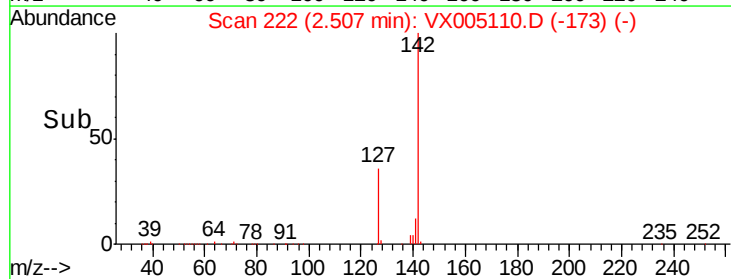
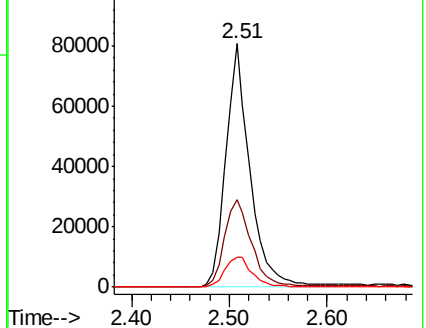
141 14.0 10.1 15.1

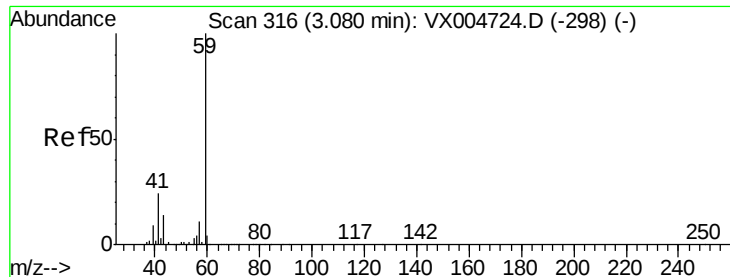


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



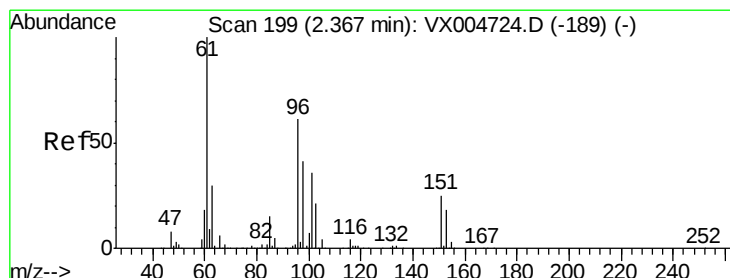
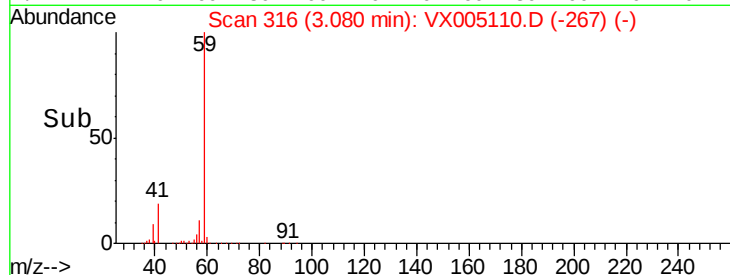
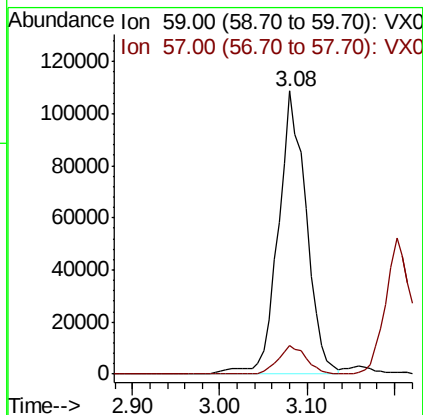
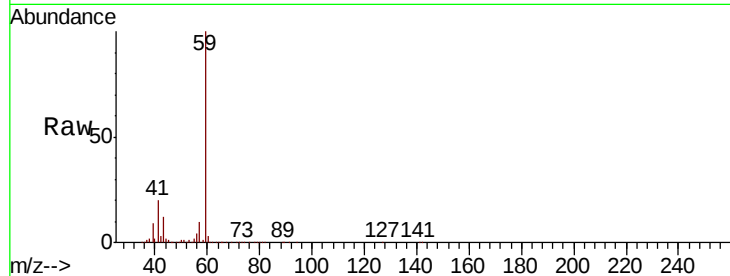


#11

Tert butyl alcohol
 Concen: 263.299 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX005110.D
 Acq: 06 Oct 2018 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

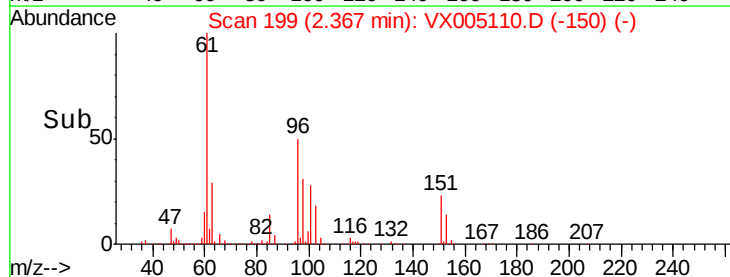
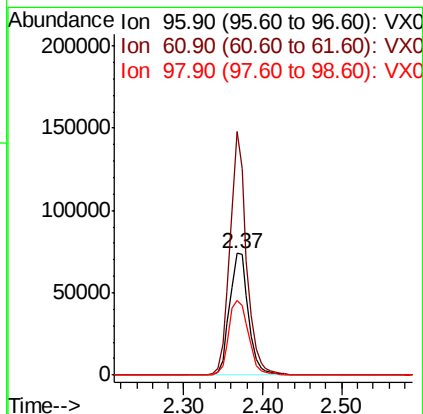
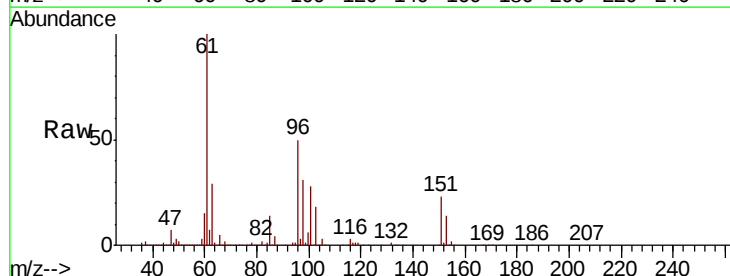
Tot Ion: 59 Resp: 242507
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.6 12.8



#12

1,1-Dichloroethene
 Concen: 49.352 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX005110.D
 Acq: 06 Oct 2018 11:46

Tgt Ion: 96 Resp: 123308
 Ion Ratio Lower Upper
 96 100
 61 199.8 130.2 195.4#
 98 61.8 53.4 80.0





#13

Acrolein

Concen: 113.787 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

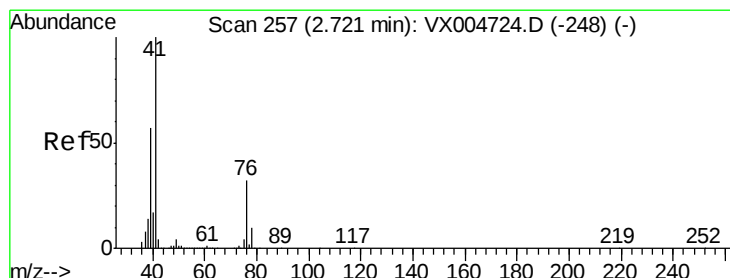
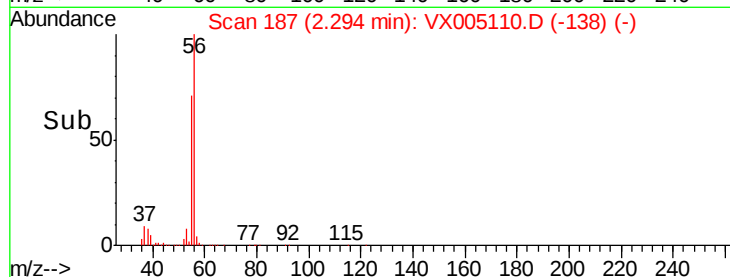
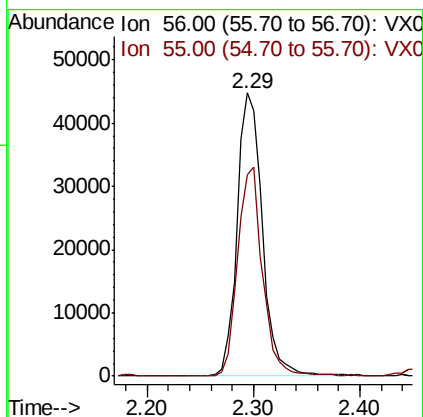
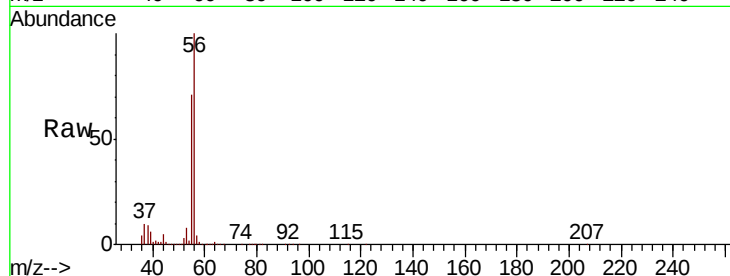
VSTDCCC050EC

Tot Ion: 56 Resp: 74566

Ion Ratio Lower Upper

56 100

55 71.9 63.4 95.2



#14

Allyl chloride

Concen: 48.983 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

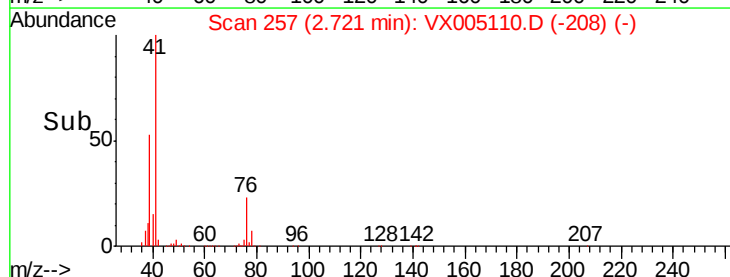
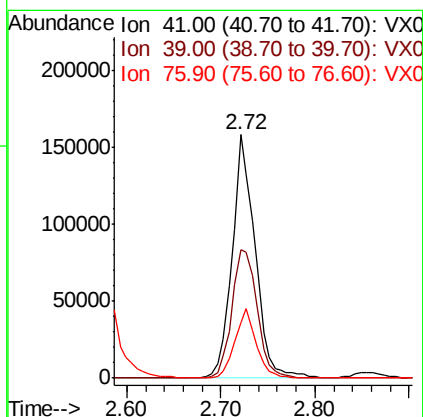
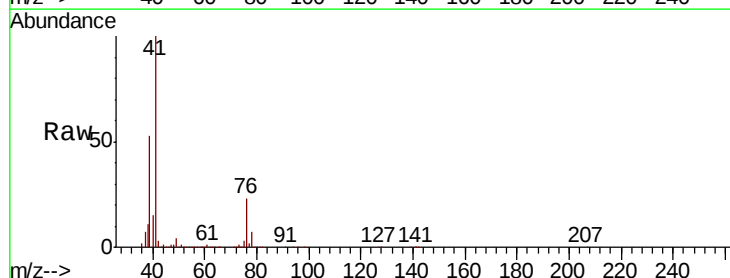
Tgt Ion: 41 Resp: 267035

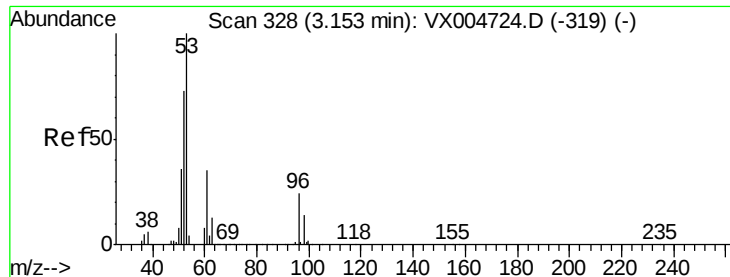
Ion Ratio Lower Upper

41 100

39 58.0 44.1 66.1

76 26.4 25.0 37.4





#15

Acrylonitrile

Concen: 252.890 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

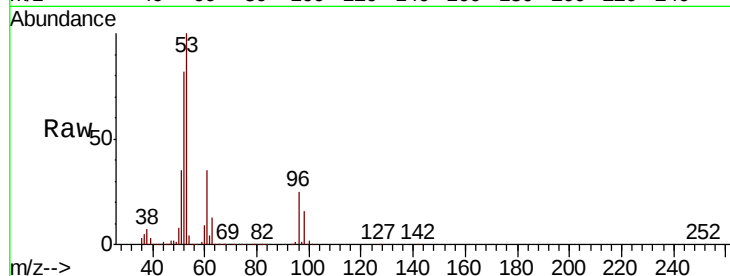
Tot Ion: 53 Resp: 512746

Ion Ratio Lower Upper

53 100

52 87.0 63.0 94.4

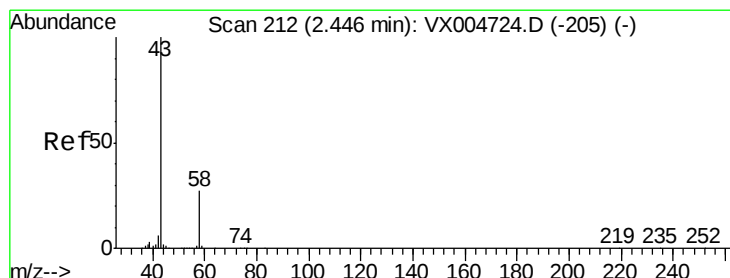
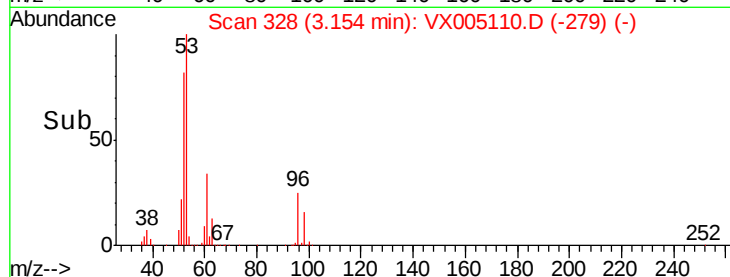
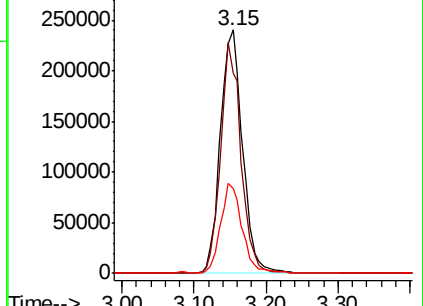
51 36.0 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 240.489 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX005110.D

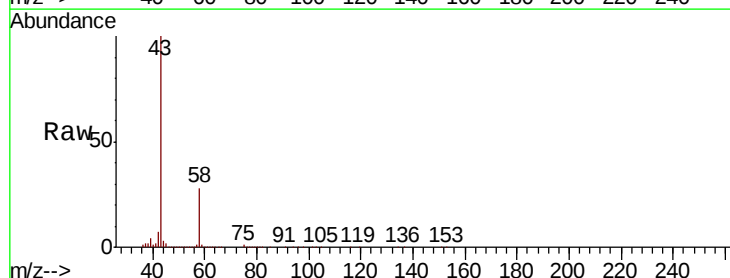
Acq: 06 Oct 2018 11:46

Tgt Ion: 43 Resp: 462485

Ion Ratio Lower Upper

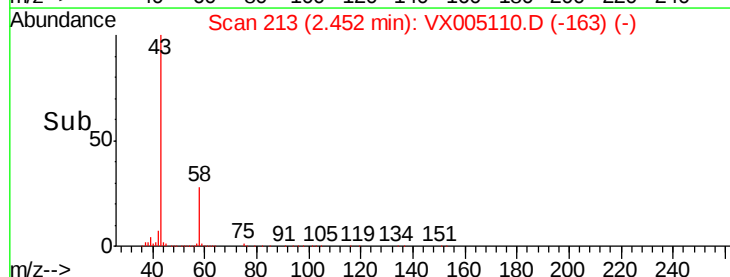
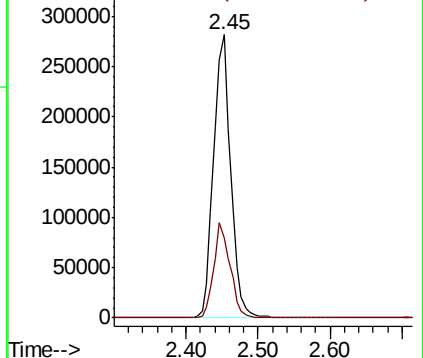
43 100

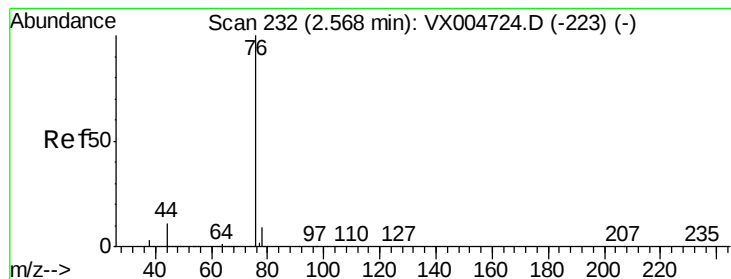
58 28.0 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 42.222 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

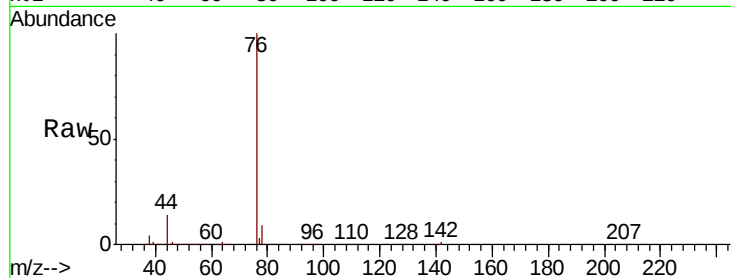
VSTDCCC050EC

Tot Ion: 76 Resp: 316997

Ion Ratio Lower Upper

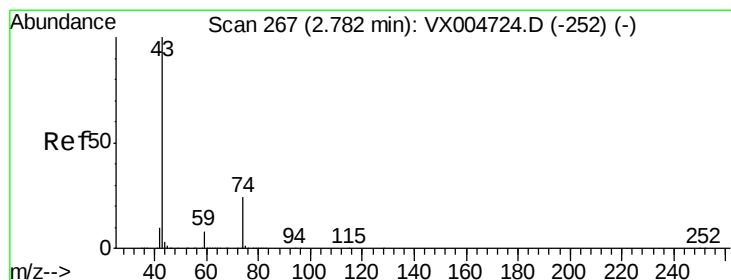
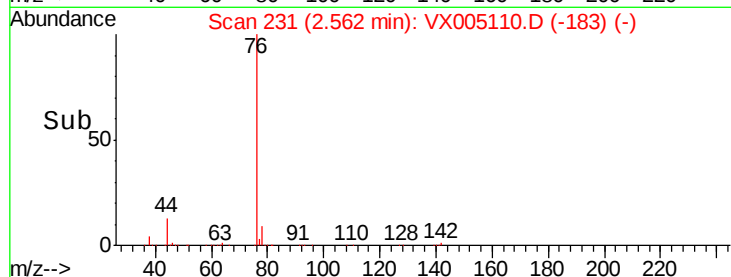
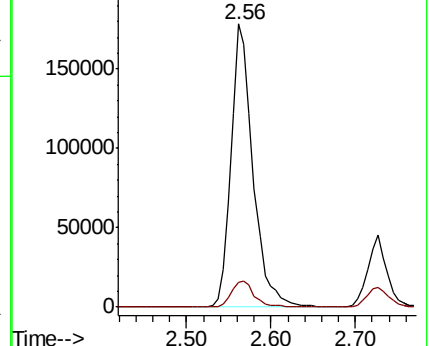
76 100

78 8.9 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 61.477 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005110.D

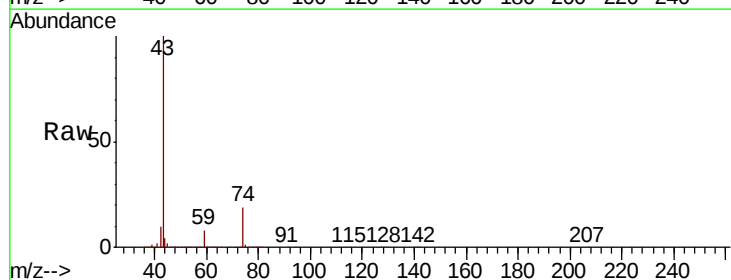
Acq: 06 Oct 2018 11:46

Tgt Ion: 43 Resp: 299540

Ion Ratio Lower Upper

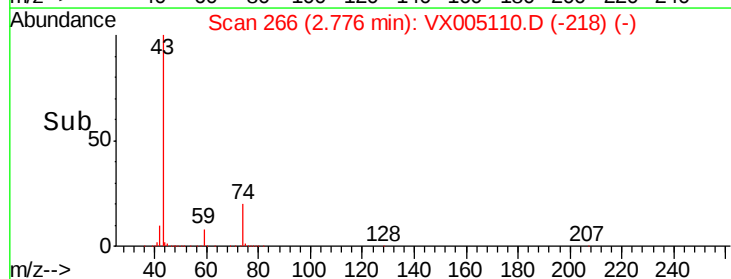
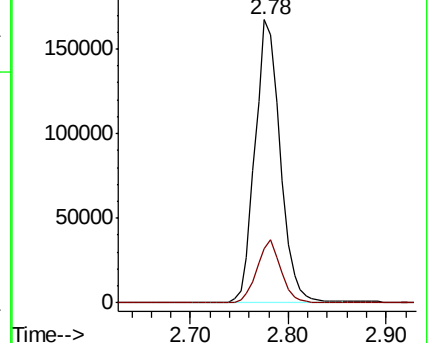
43 100

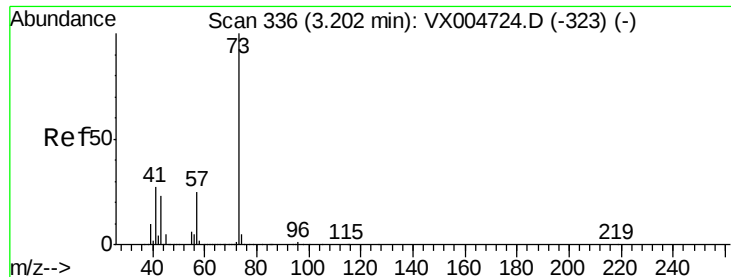
74 21.1 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



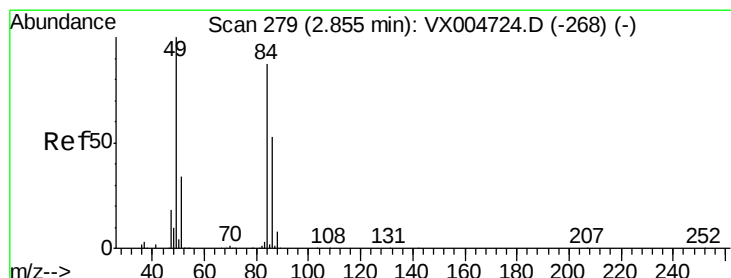
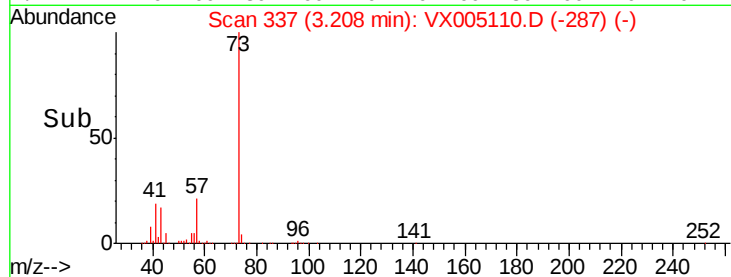
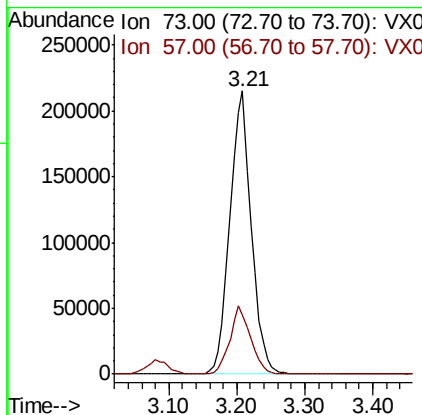
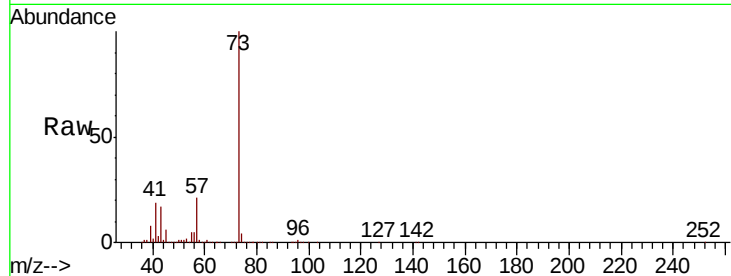


#19

Methyl tert-butyl Ether
 Concen: 54.346 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX005110.D
 Acq: 06 Oct 2018 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

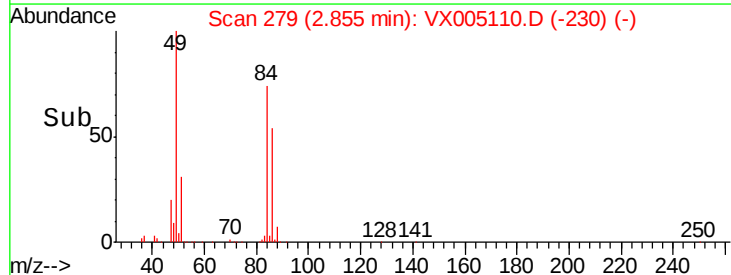
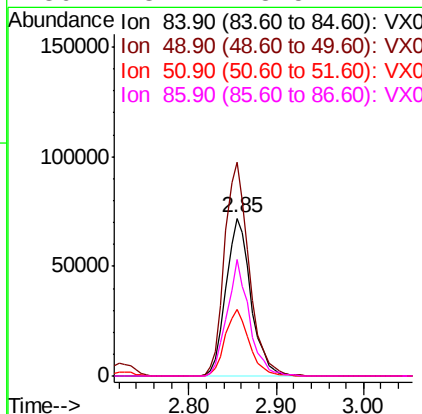
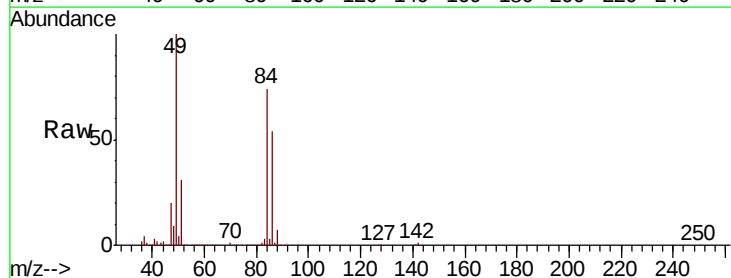
Tot Ion: 73 Resp: 468373
 Ion Ratio Lower Upper
 73 100
 57 21.1 19.9 29.9

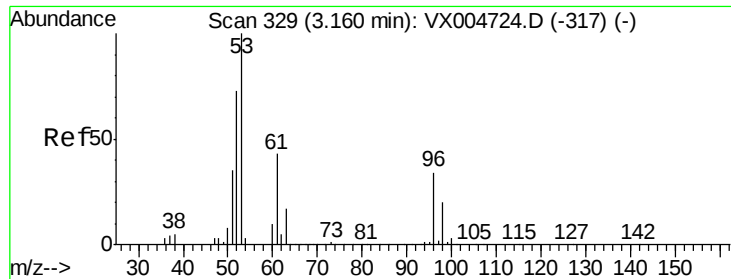


#20

Methylene Chloride
 Concen: 50.781 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX005110.D
 Acq: 06 Oct 2018 11:46

Tgt Ion: 84 Resp: 141952
 Ion Ratio Lower Upper
 84 100
 49 135.6 92.3 138.5
 51 42.1 31.8 47.6
 86 73.7 48.5 72.7#





#21

trans-1,2-Dichloroethene

Concen: 48.493 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

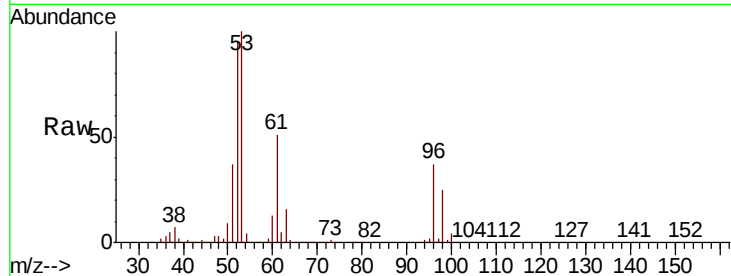
Tot Ion: 96 Resp: 132633

Ion Ratio Lower Upper

96 100

61 135.1 101.0 151.6

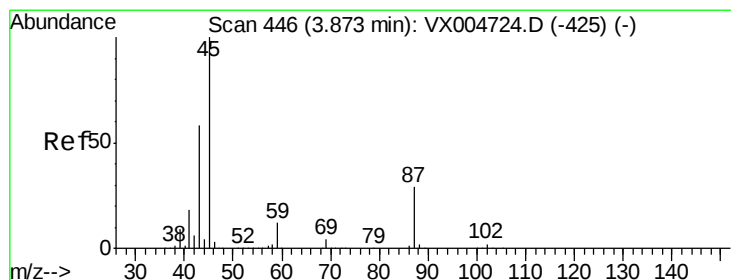
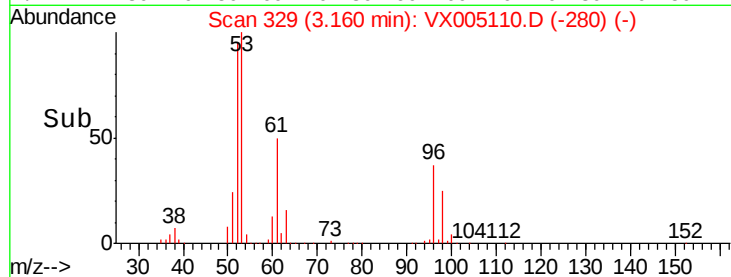
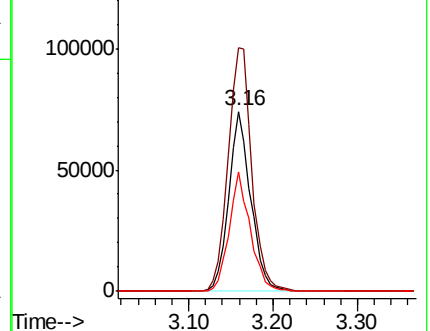
98 66.0 47.2 70.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 55.378 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

Tgt Ion: 45 Resp: 508369

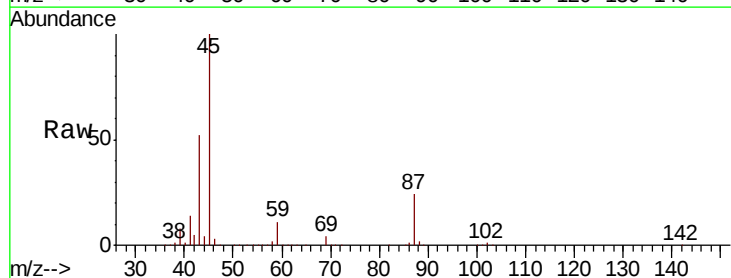
Ion Ratio Lower Upper

45 100

43 51.5 46.7 70.1

87 23.9 22.9 34.3

59 10.9 9.3 13.9

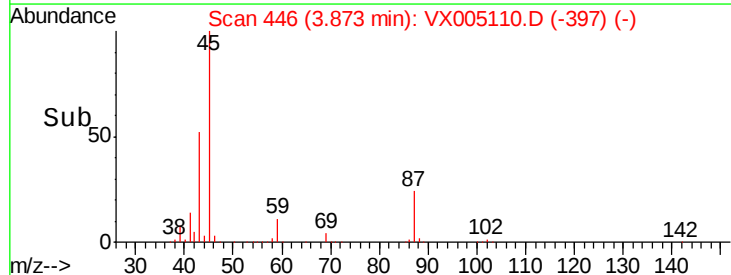
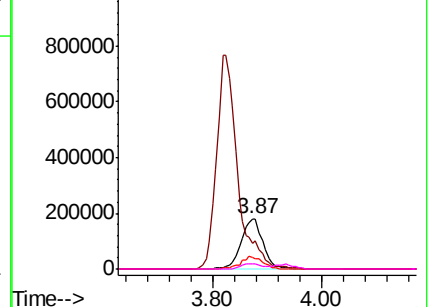


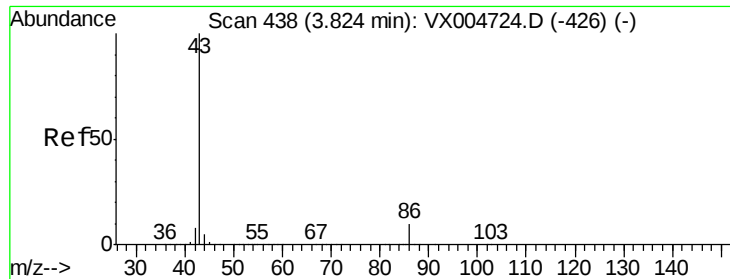
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 244.653 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

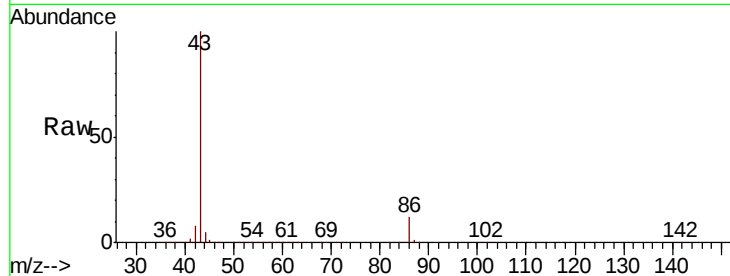
VSTDCCC050EC

Tot Ion: 43 Resp: 2055814

Ion Ratio Lower Upper

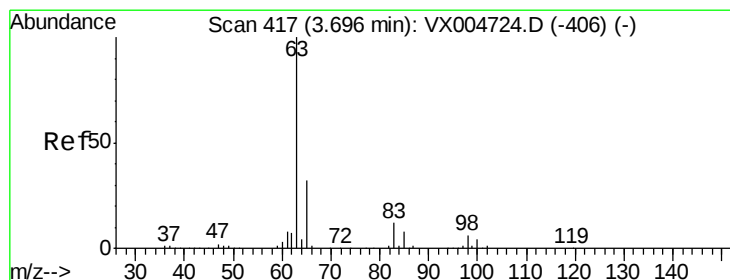
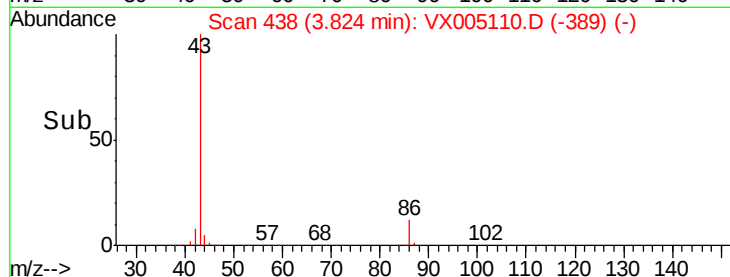
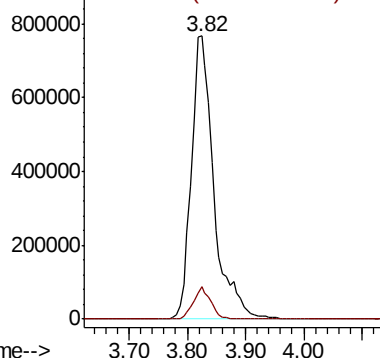
43 100

86 11.6 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.611 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

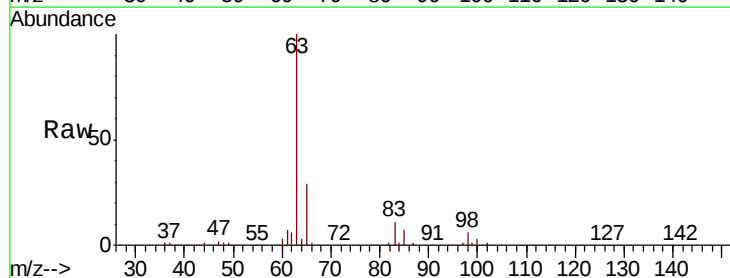
Tgt Ion: 63 Resp: 277144

Ion Ratio Lower Upper

63 100

98 5.8 3.0 9.2

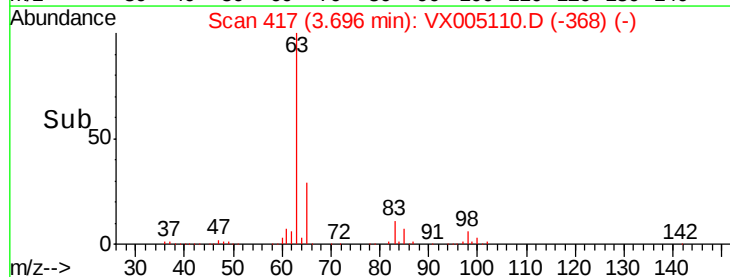
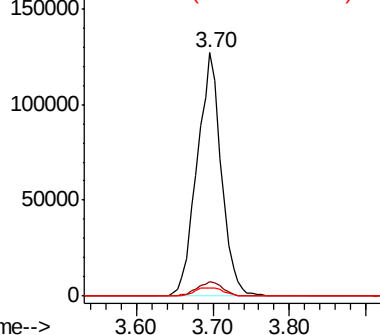
100 3.5 2.0 5.8

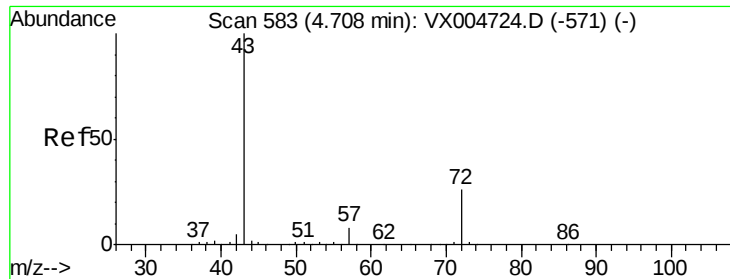


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 259.203 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

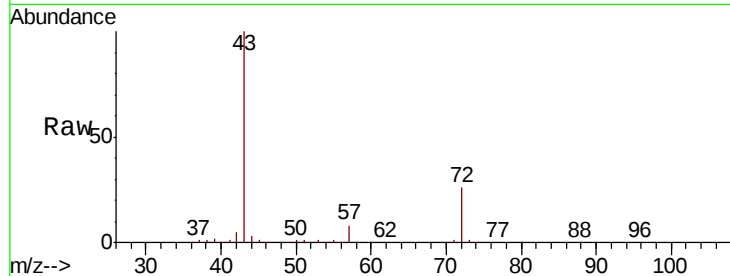
VSTDCCC050EC

Tot Ion: 43 Resp: 734764

Ion Ratio Lower Upper

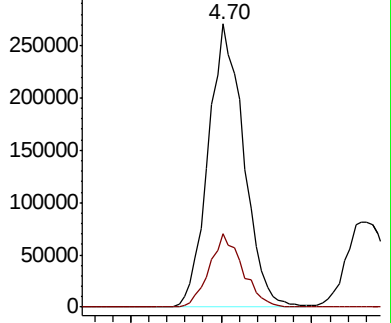
43 100

72 26.1 20.8 31.2

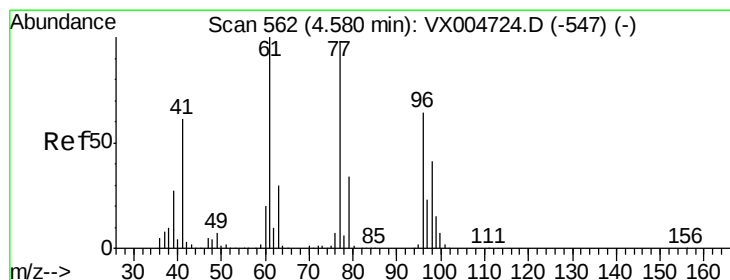
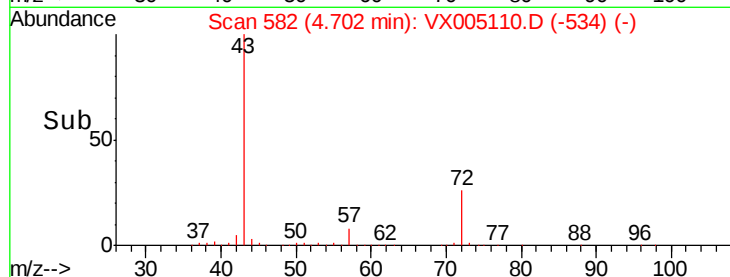


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 26.982 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005110.D

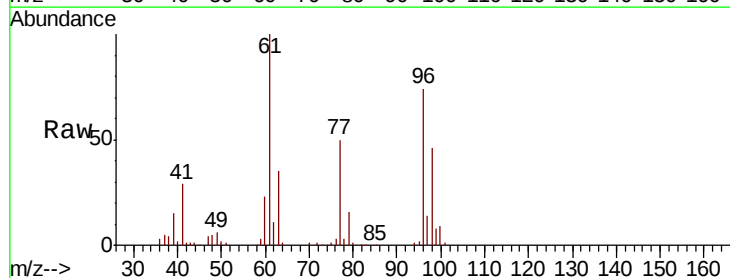
Acq: 06 Oct 2018 11:46

Tgt Ion: 77 Resp: 102890

Ion Ratio Lower Upper

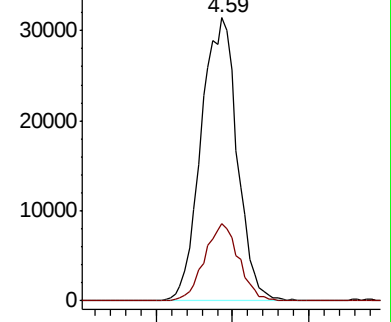
77 100

97 25.9 12.6 37.8

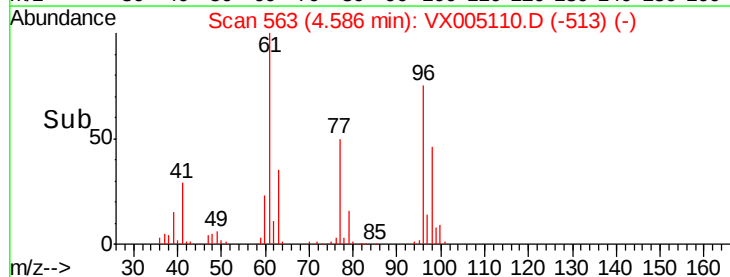


Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->



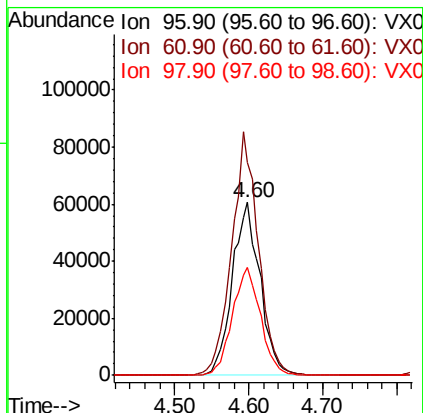
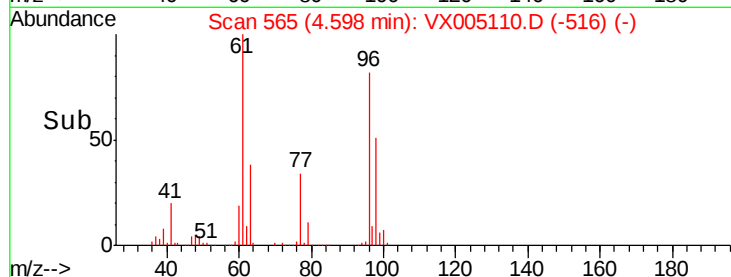
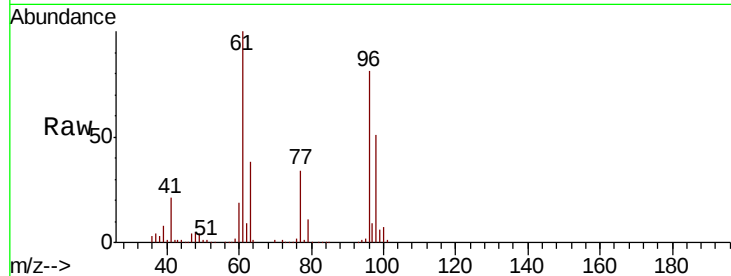


#27

cis-1,2-Dichloroethene
 Concen: 51.819 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX005110.D
 Acq: 06 Oct 2018 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

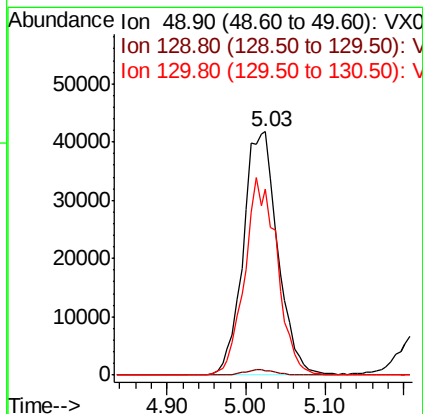
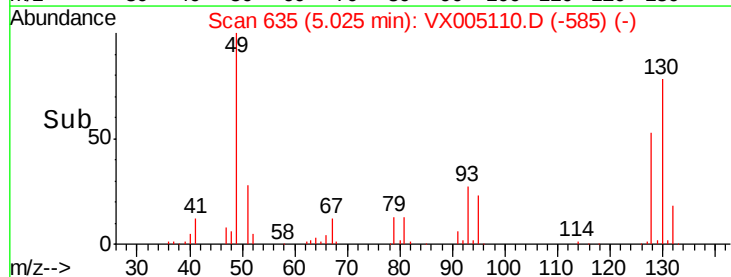
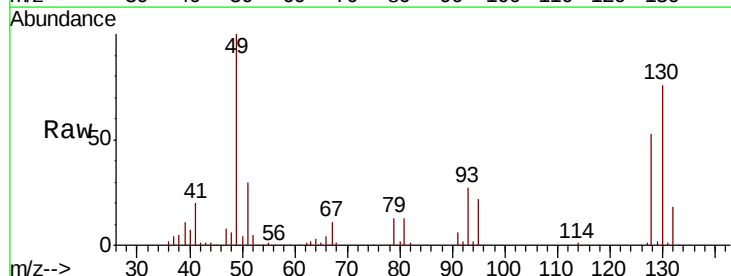
Tot Ion: 96 Resp: 158330
 Ion Ratio Lower Upper
 96 100
 61 135.3 0.0 285.8
 98 63.0 0.0 136.2

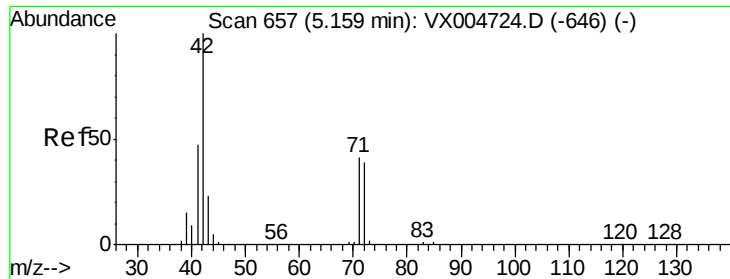


#28

Bromochloromethane
 Concen: 49.197 ug/l
 RT: 5.03 min Scan# 635
 Delta R.T. 0.01 min
 Lab File: VX005110.D
 Acq: 06 Oct 2018 11:46

Tgt Ion: 49 Resp: 126865
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 76.1 62.0 93.0

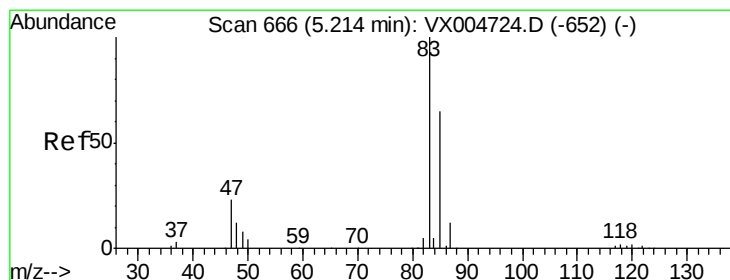
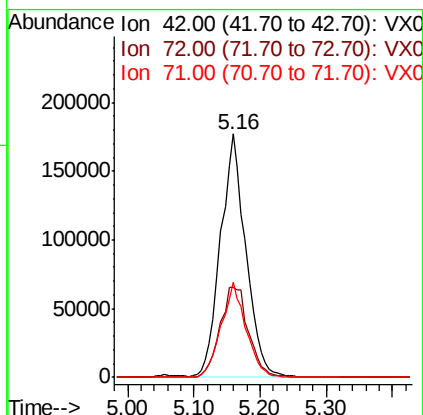
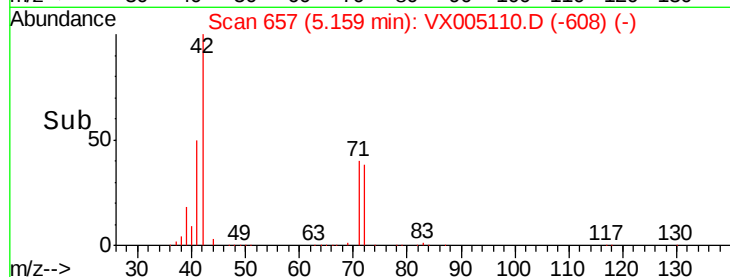
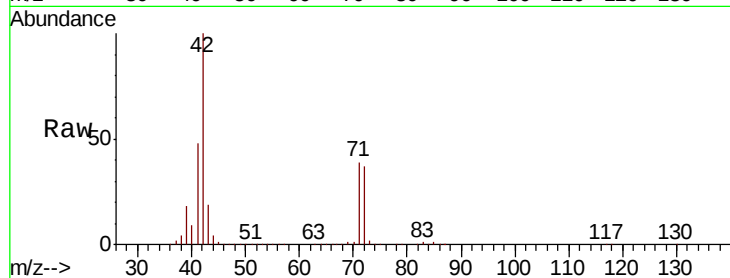




#29
Tetrahydrofuran
Concen: 266.266 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX005110.D
Acq: 06 Oct 2018 11:46

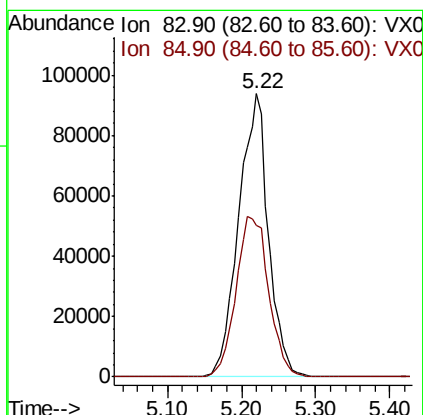
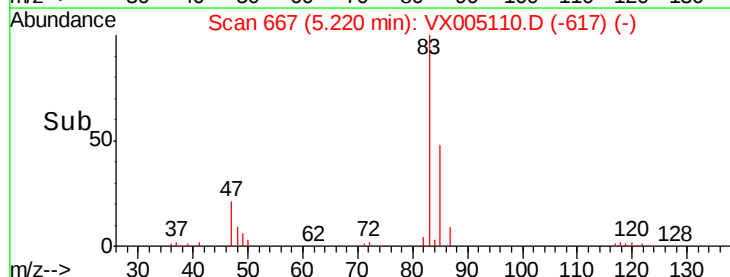
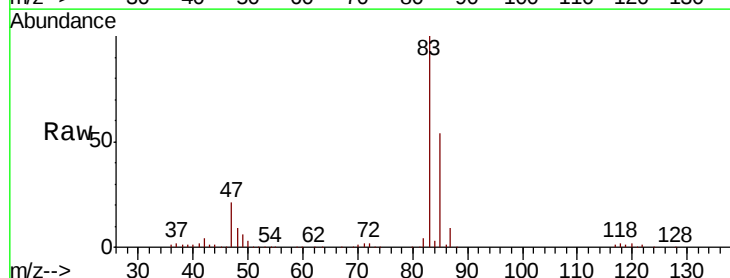
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

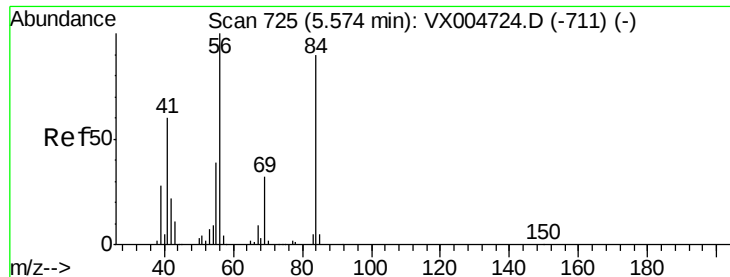
Tot Ion: 42 Resp: 469126
Ion Ratio Lower Upper
42 100
72 42.0 33.7 50.5
71 38.2 32.2 48.4



#30
Chloroform
Concen: 50.790 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005110.D
Acq: 06 Oct 2018 11:46

Tgt Ion: 83 Resp: 262856
Ion Ratio Lower Upper
83 100
85 53.6 52.4 78.6

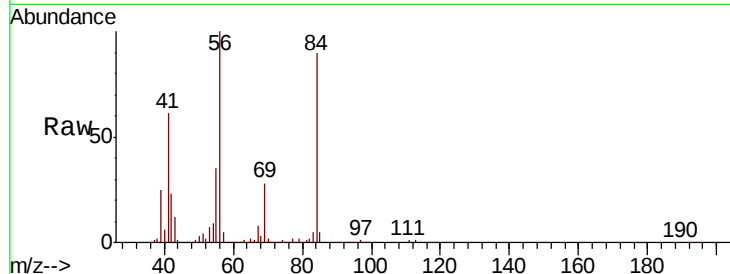




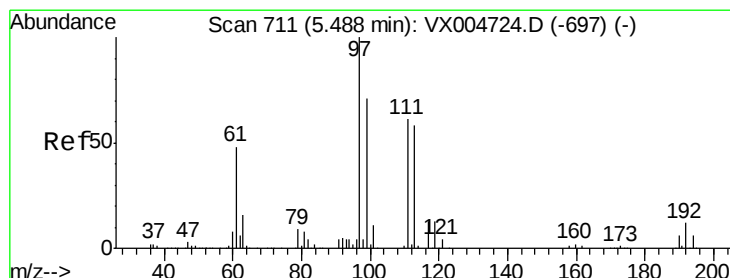
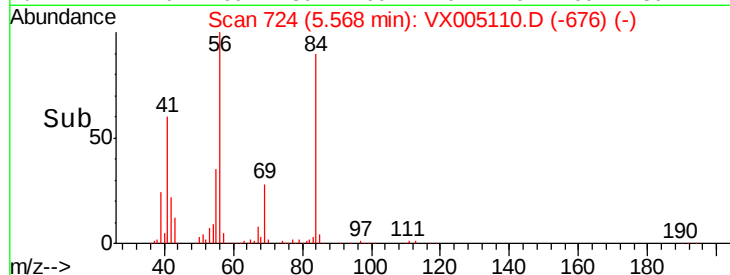
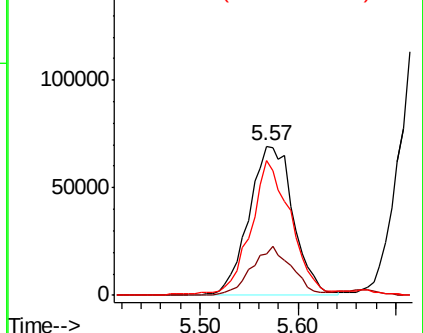
#31
Cyclohexane
Concen: 52.017 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX005110.D
Acq: 06 Oct 2018 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 218009
Ion Ratio Lower Upper
56 100
69 27.6 25.9 38.9
84 88.5 71.9 107.9

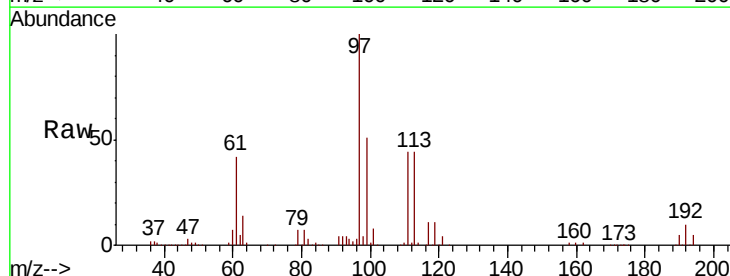


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

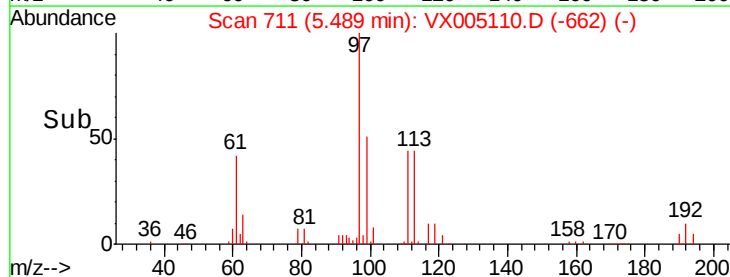
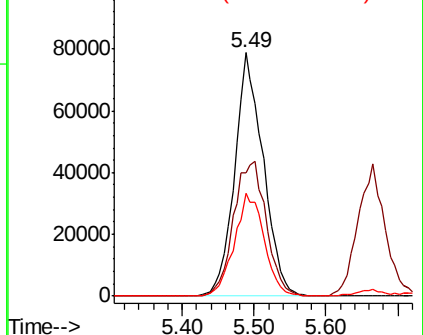


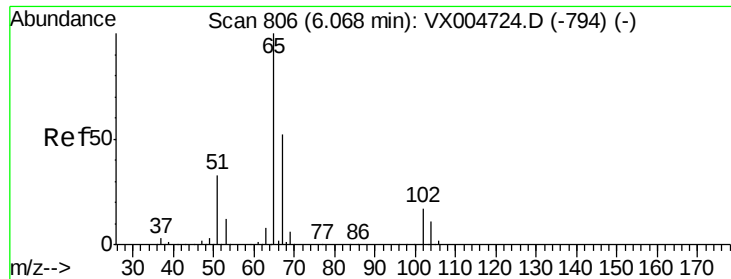
#32
1,1,1-Trichloroethane
Concen: 51.382 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX005110.D
Acq: 06 Oct 2018 11:46

Tgt Ion: 97 Resp: 217168
Ion Ratio Lower Upper
97 100
99 63.1 54.6 82.0
61 44.1 37.5 56.3



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





#33

1,2-Dichloroethane-d4

Concen: 48.354 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

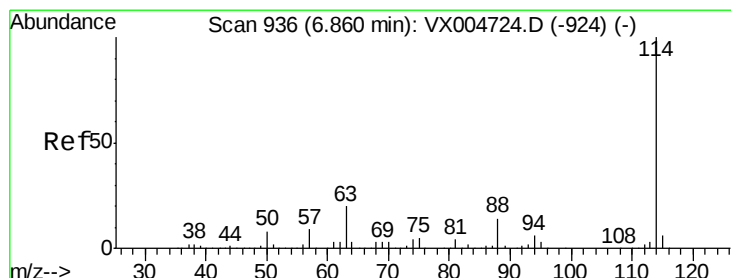
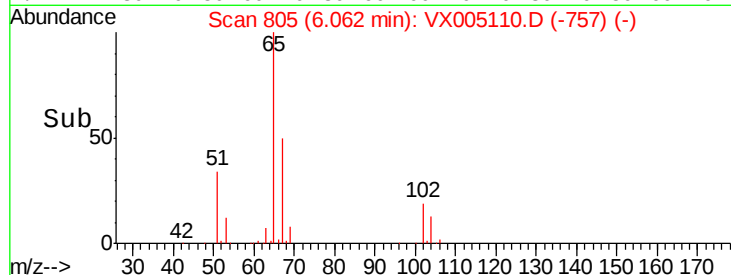
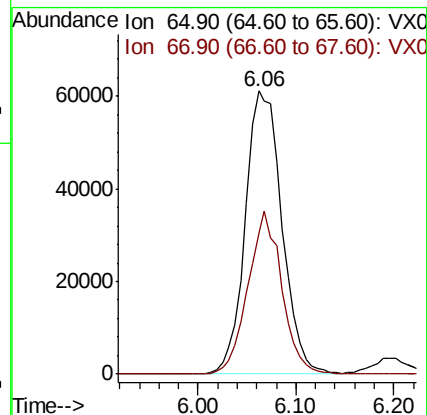
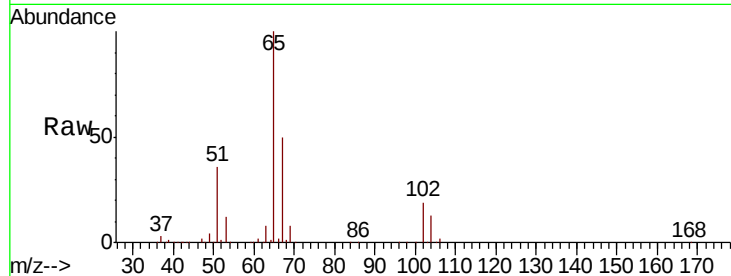
VSTDCCC050EC

Tot Ion: 65 Resp: 159278

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

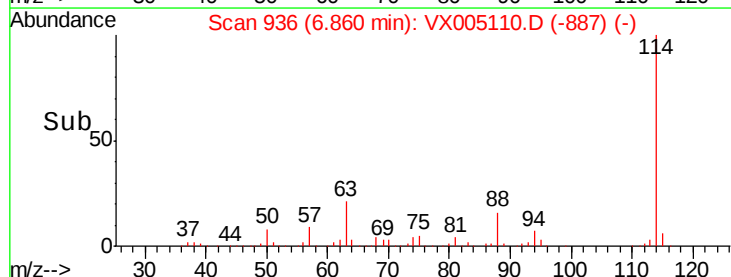
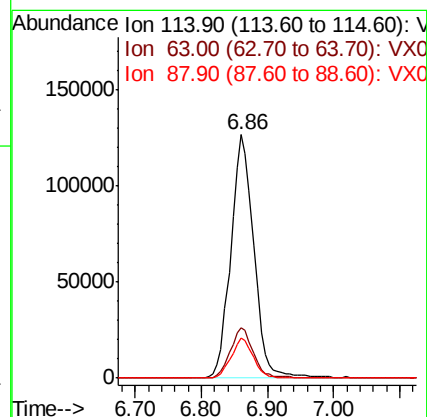
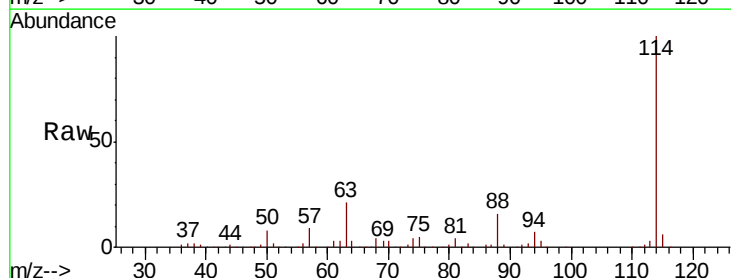
Tgt Ion: 114 Resp: 305418

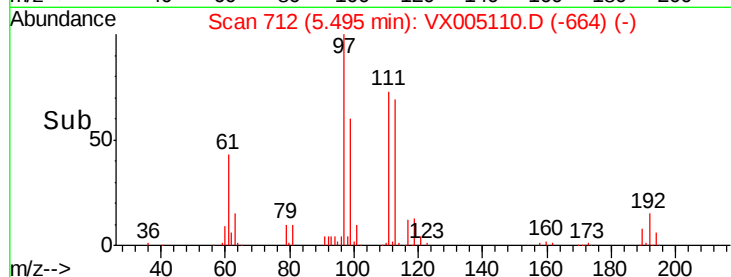
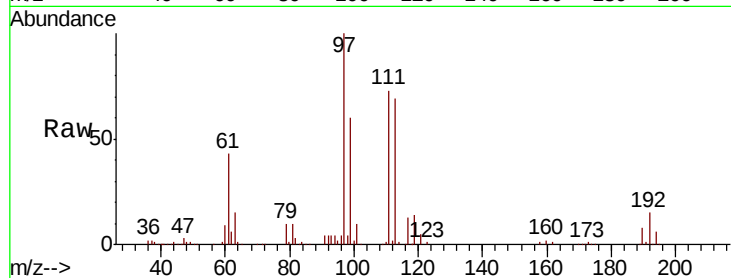
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.8

88 16.3 0.0 27.0





#35

Dibromofluoromethane

Concen: 53.173 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

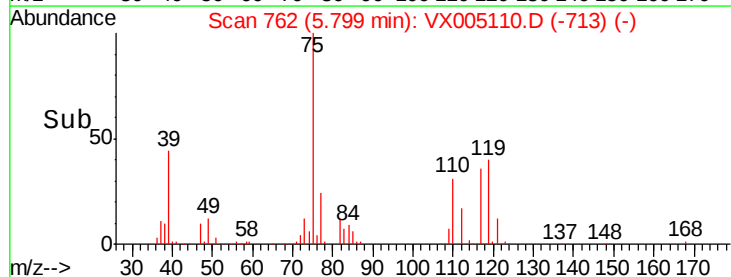
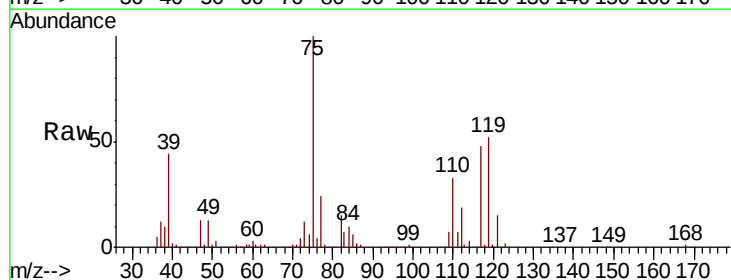
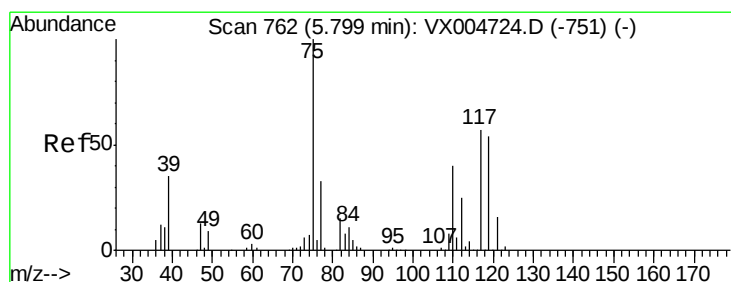
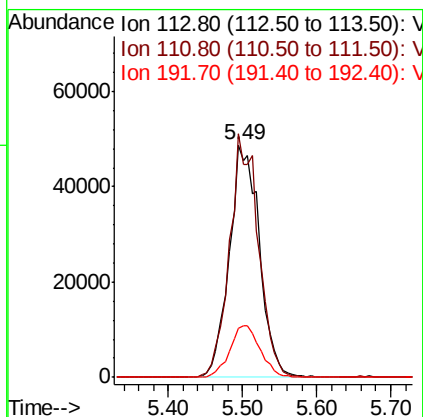
Tot Ion:113 Resp: 137637

Ion Ratio Lower Upper

113 100

111 100.7 77.0 115.4

192 22.5 17.0 25.6



#36

1,1-Dichloropropene

Concen: 51.826 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

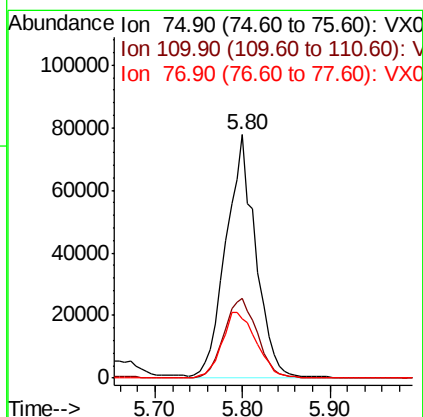
Tgt Ion: 75 Resp: 183028

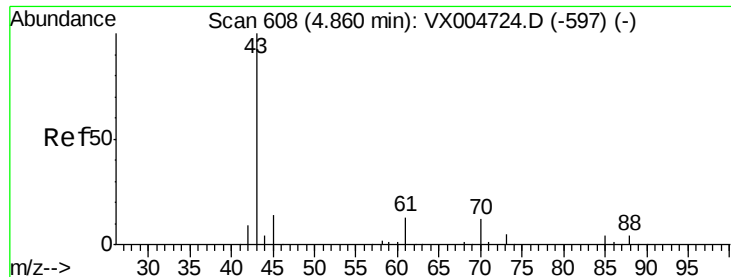
Ion Ratio Lower Upper

75 100

110 36.8 20.0 59.9

77 31.1 27.1 40.7

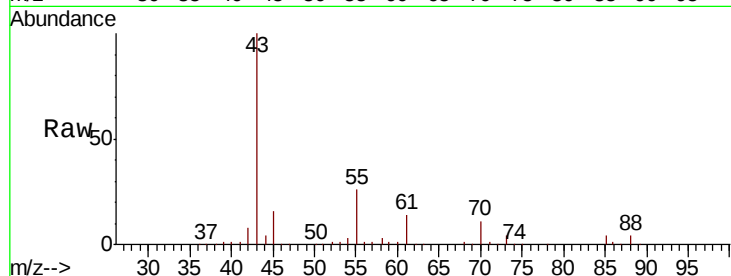




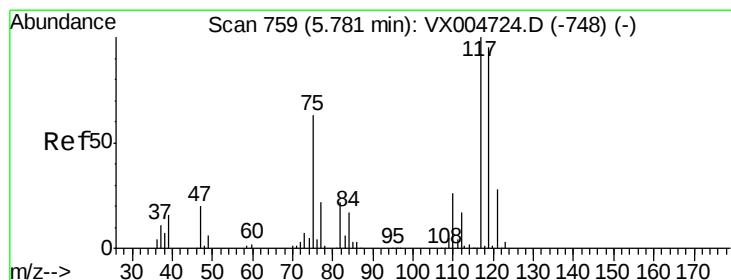
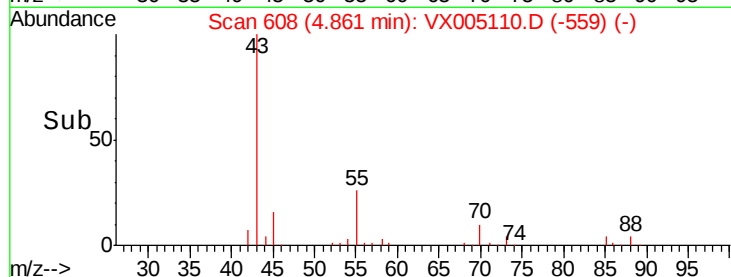
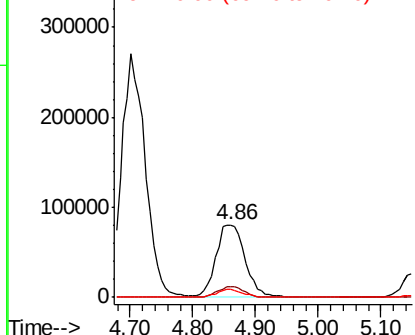
#37
Ethyl Acetate
Concen: 54.998 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX005110.D
Acq: 06 Oct 2018 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 257825
Ion Ratio Lower Upper
43 100
61 13.8 10.4 15.6
70 10.2 8.7 13.1

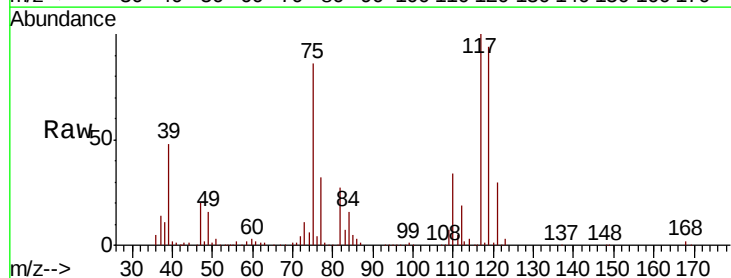


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

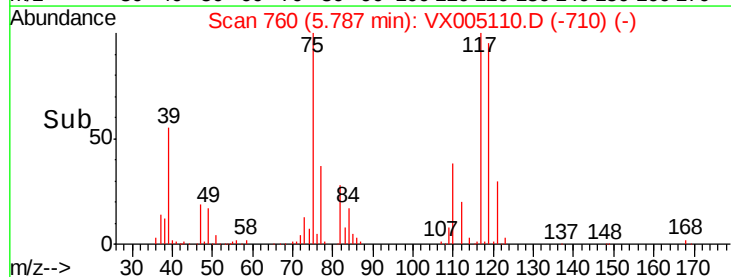
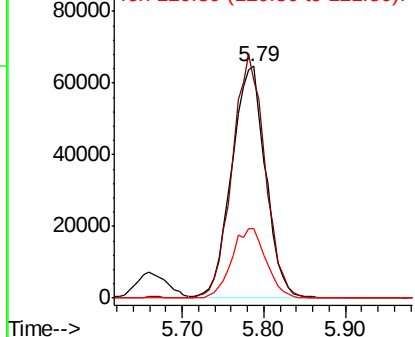


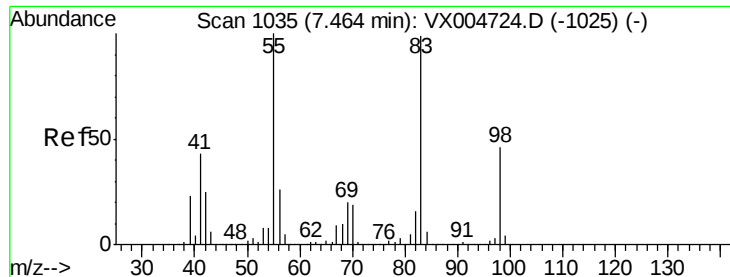
#38
Carbon Tetrachloride
Concen: 50.116 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX005110.D
Acq: 06 Oct 2018 11:46

Tgt Ion: 117 Resp: 186049
Ion Ratio Lower Upper
117 100
119 94.4 75.2 112.8
121 29.8 22.5 33.7



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

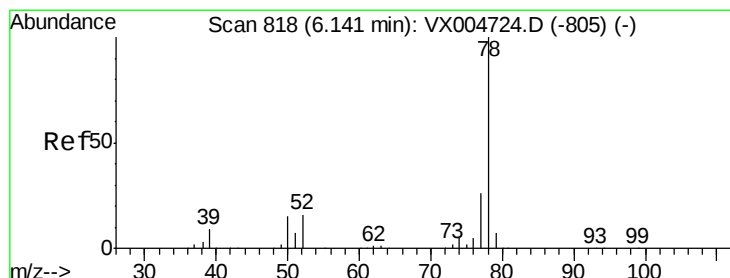
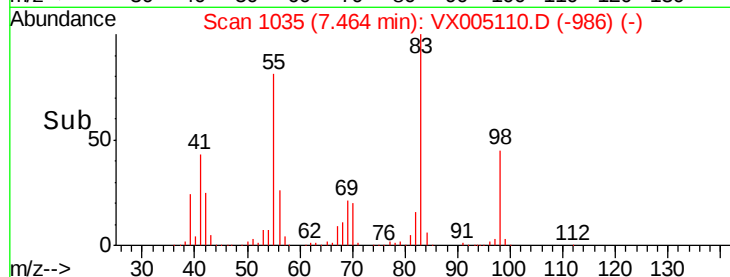
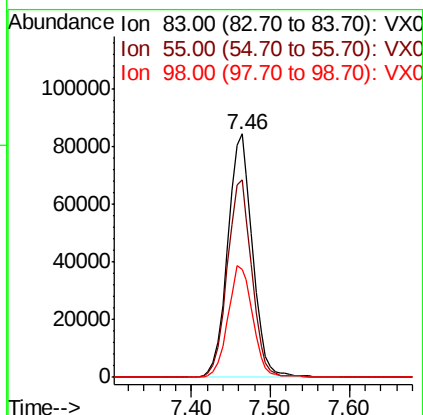
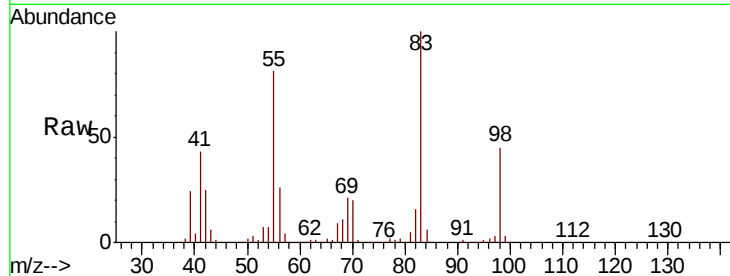




#39
Methylvlcvclohexane
Concen: 51.106 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX005110.D
Acq: 06 Oct 2018 11:46

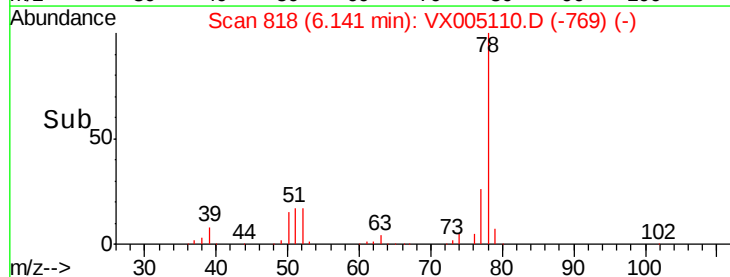
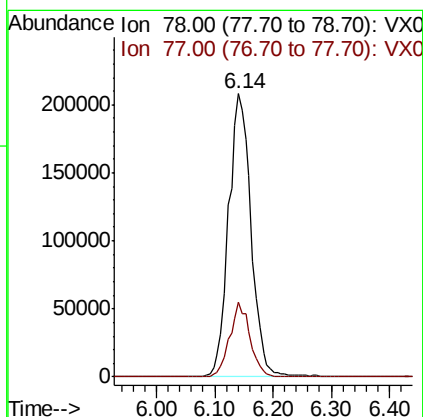
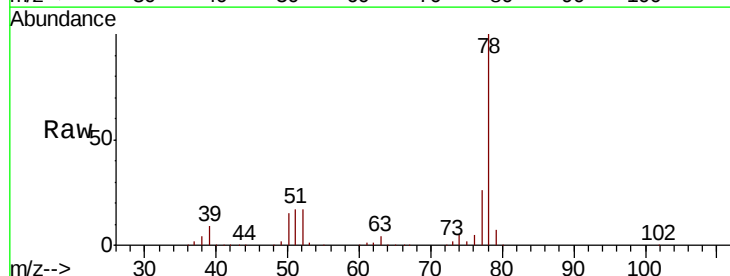
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 184297
Ion Ratio Lower Upper
83 100
55 80.9 81.1 121.7#
98 44.6 37.3 55.9



#40
Benzene
Concen: 50.720 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX005110.D
Acq: 06 Oct 2018 11:46

Tgt Ion: 78 Resp: 560782
Ion Ratio Lower Upper
78 100
77 26.4 21.0 31.4

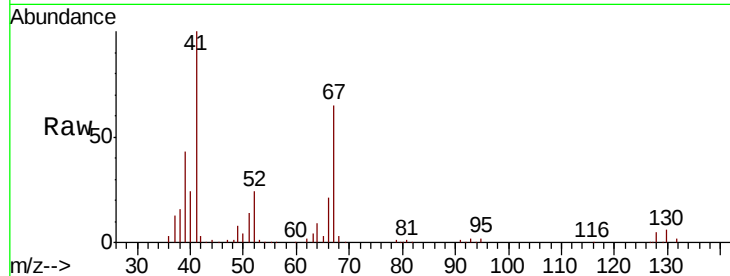




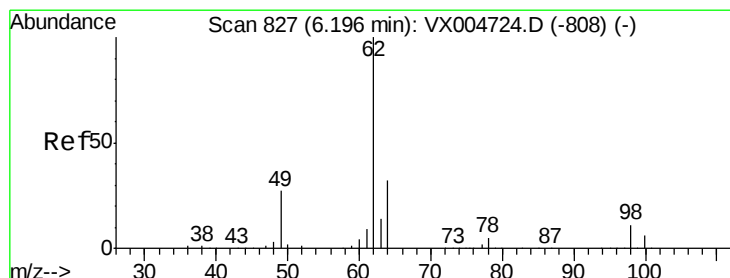
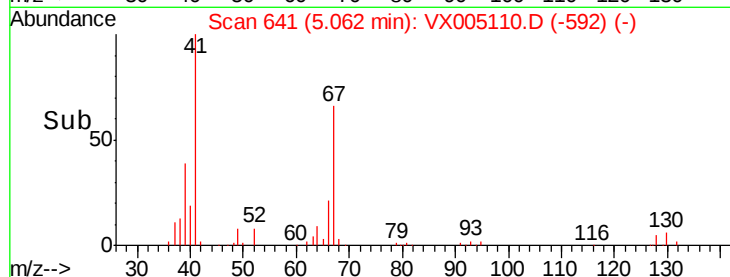
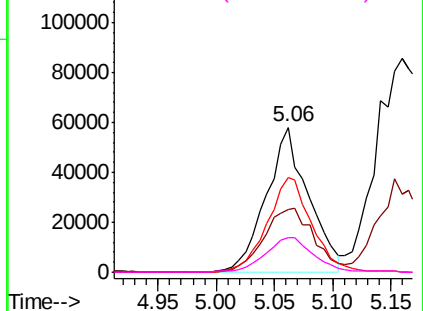
#41
Methacrylonitrile
Concen: 55.672 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005110.D
Acq: 06 Oct 2018 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	144736
Ion	Ratio	Lower	Upper
41	100		
39	53.0	42.5	63.7
67	69.2	53.0	79.6
52	27.9	19.8	29.8

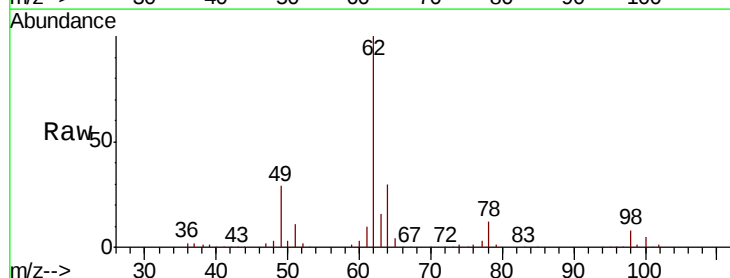


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

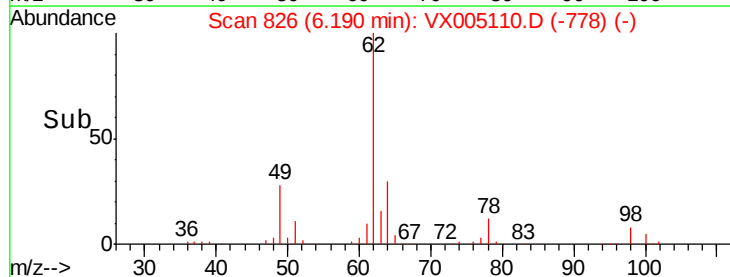
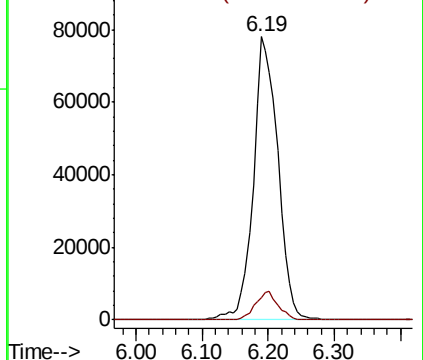


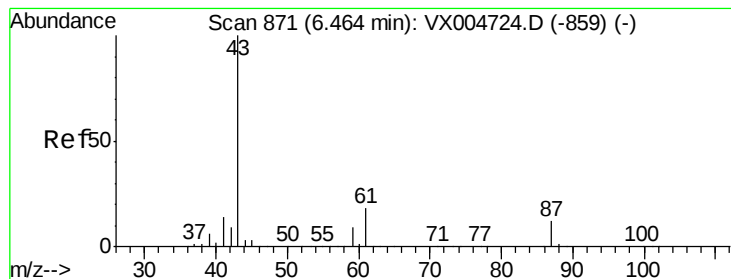
#42
1,2-Dichloroethane
Concen: 51.595 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX005110.D
Acq: 06 Oct 2018 11:46

Tgt Ion:	62	Resp:	201660
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	20.2



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





#43

Isopropyl Acetate

Concen: 58.123 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

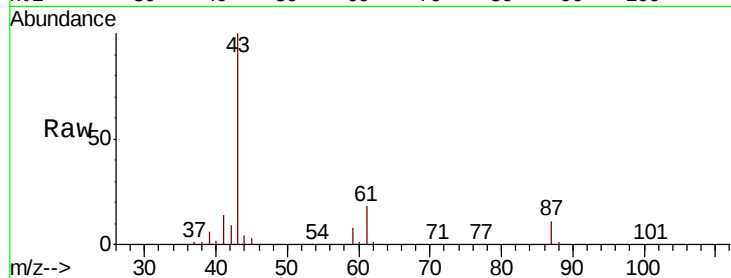
Tot Ion: 43 Resp: 393277

Ion Ratio Lower Upper

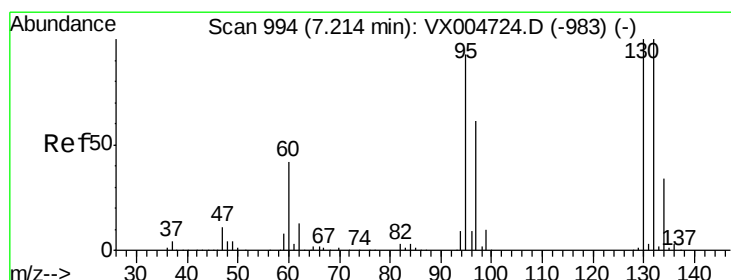
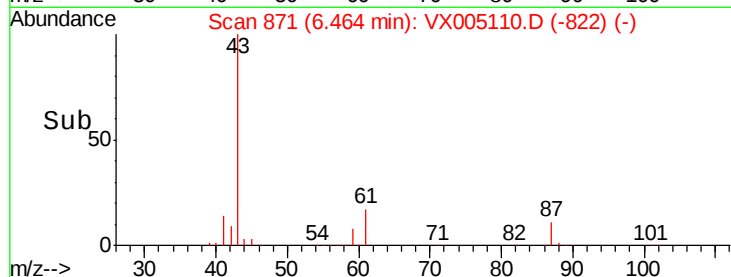
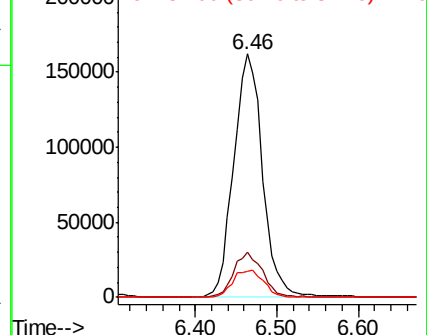
43 100

61 18.8 14.2 21.4

87 12.2 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.450 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005110.D

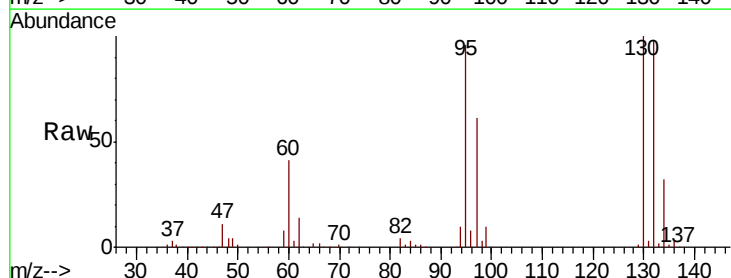
Acq: 06 Oct 2018 11:46

Tgt Ion:130 Resp: 137124

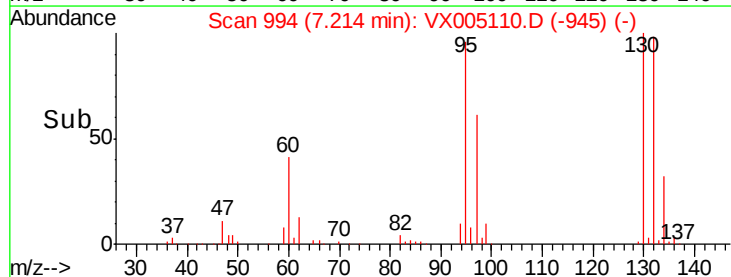
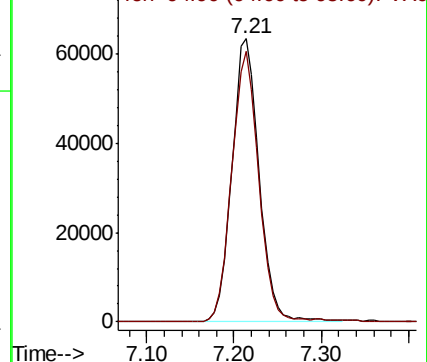
Ion Ratio Lower Upper

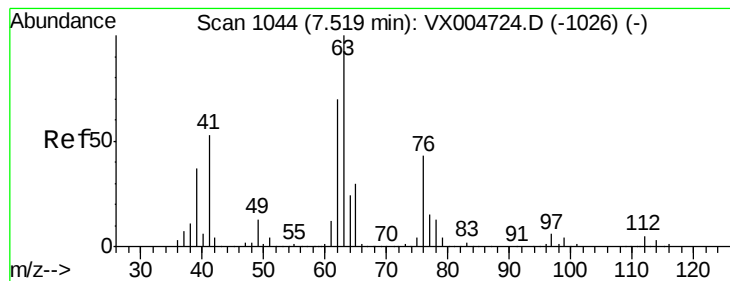
130 100

95 95.7 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 52.914 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

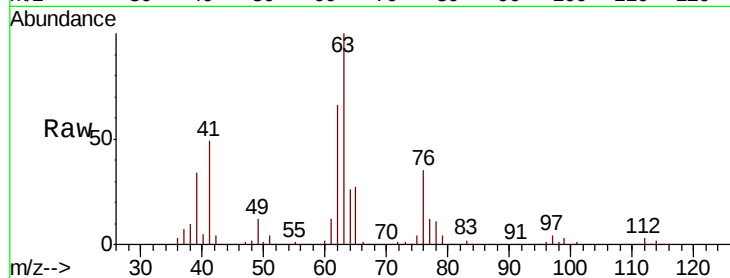
VSTDCCC050EC

Tot Ion: 63 Resp: 143469

Ion Ratio Lower Upper

63 100

65 27.1 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

80000

60000

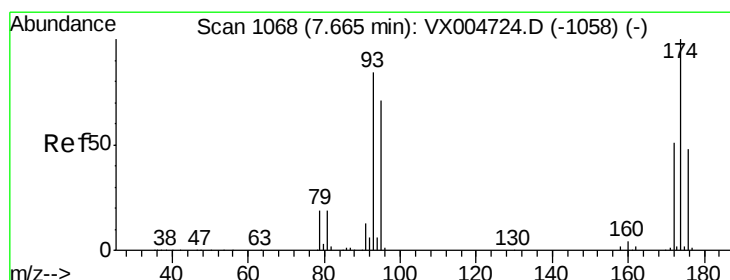
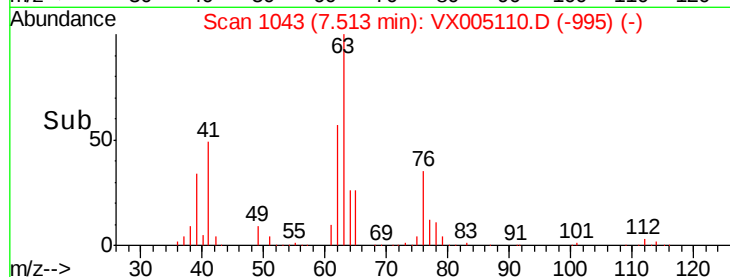
40000

20000

0

7.40 7.50 7.60 7.70

Time-->



#46

Dibromomethane

Concen: 51.826 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

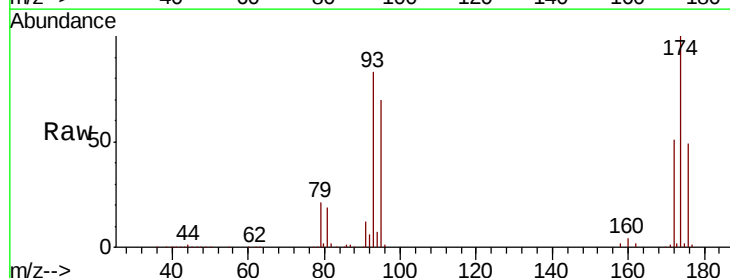
Tgt Ion: 93 Resp: 88312

Ion Ratio Lower Upper

93 100

95 83.5 66.7 100.1

174 115.1 92.7 139.1



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

60000

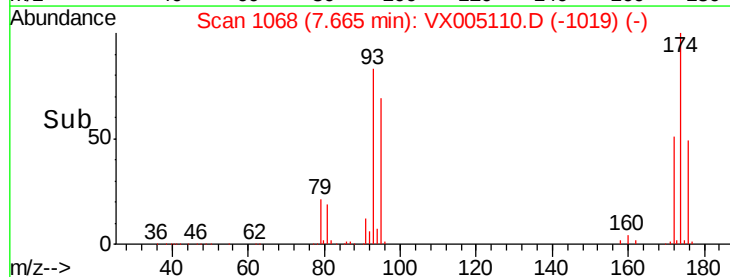
40000

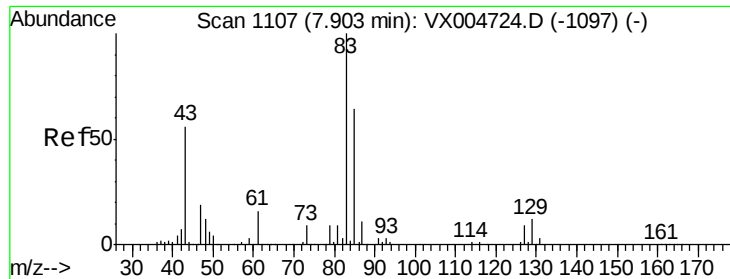
20000

0

7.60 7.70 7.80

Time-->

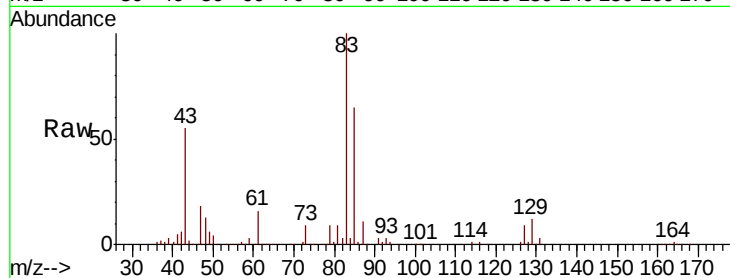




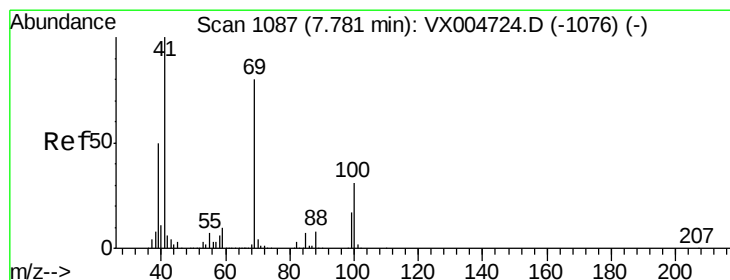
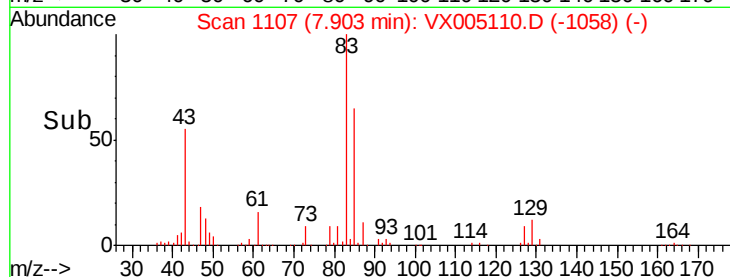
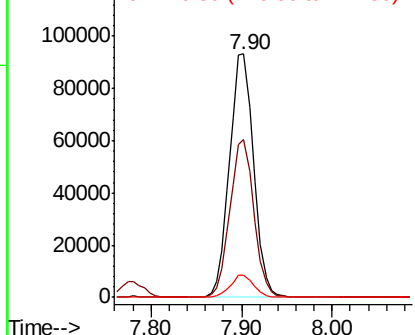
#47
Bromodichloromethane
Concen: 54.020 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VX005110.D
Acq: 06 Oct 2018 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 172343
Ion Ratio Lower Upper
83 100
85 64.7 51.2 76.8
127 9.0 7.0 10.6

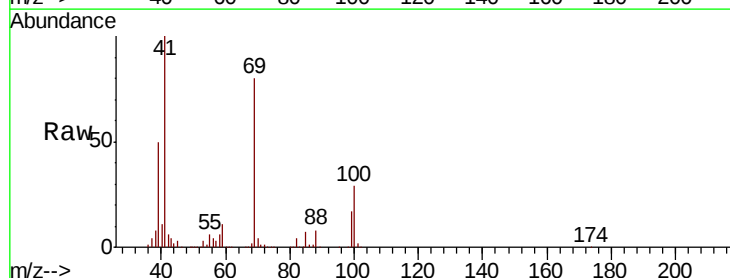


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V

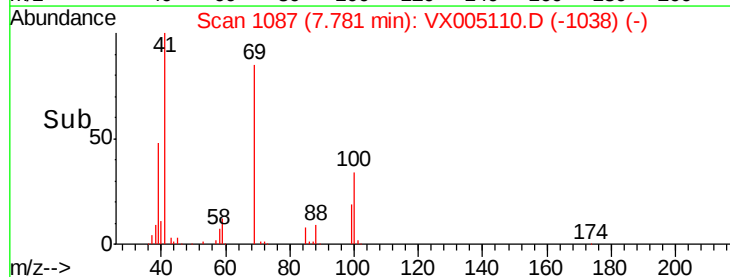
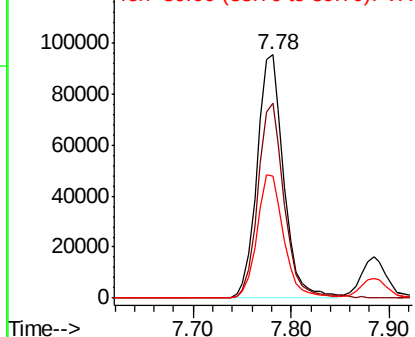


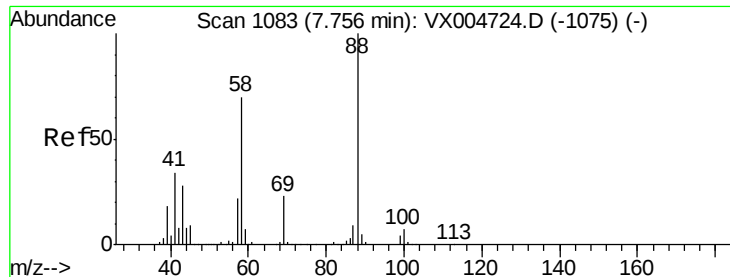
#48
Methyl methacrylate
Concen: 58.410 ug/l
RT: 7.78 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX005110.D
Acq: 06 Oct 2018 11:46

Tgt Ion: 41 Resp: 179382
Ion Ratio Lower Upper
41 100
69 79.7 63.8 95.6
39 50.7 40.7 61.1



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

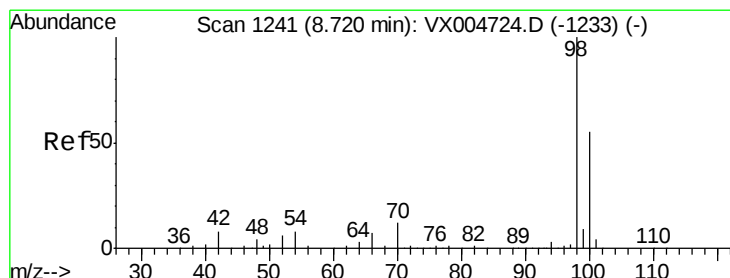
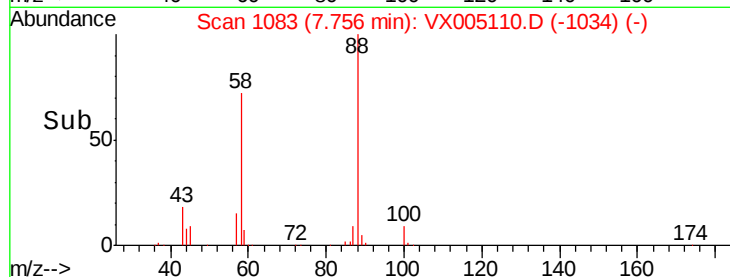
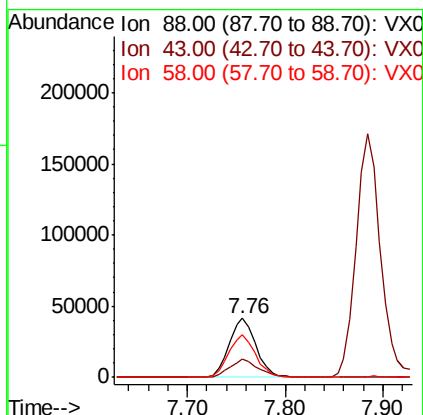
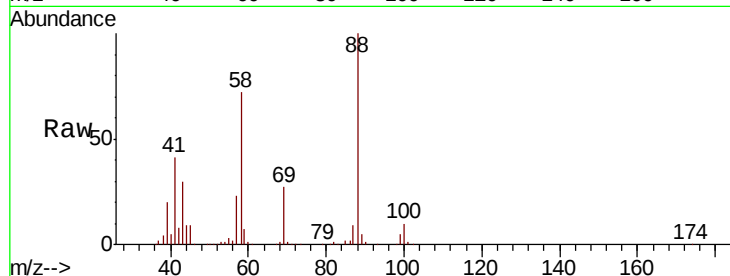




#49
1,4-Dioxane
Concen: 1035.296 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005110.D
Acq: 06 Oct 2018 11:46

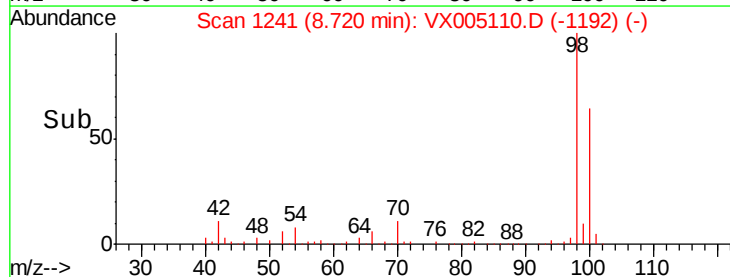
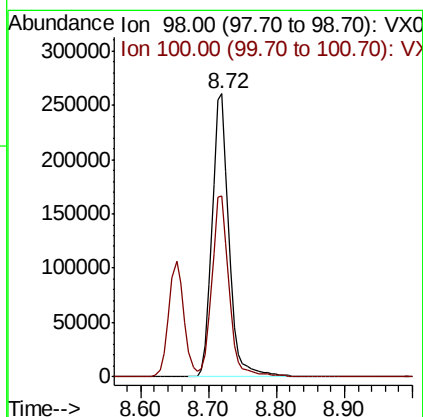
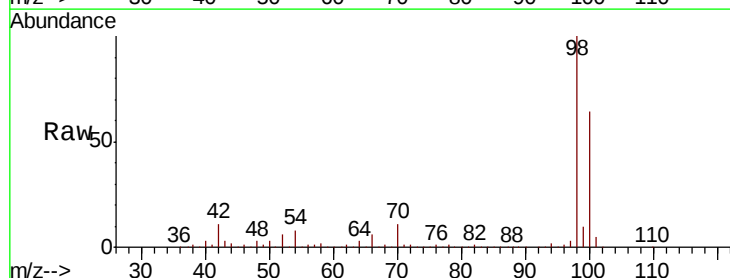
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

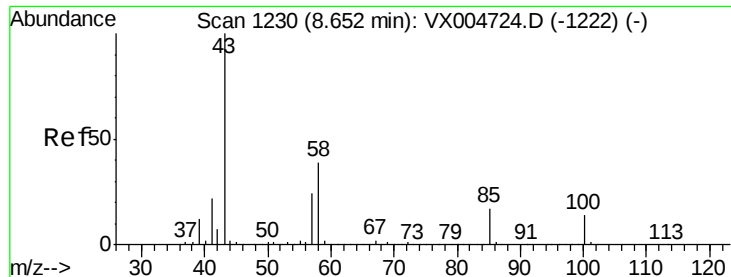
Tot Ion: 88 Resp: 78991
Ion Ratio Lower Upper
88 100
43 33.3 25.1 37.7
58 73.0 56.2 84.2



#50
Toluene-d8
Concen: 52.182 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005110.D
Acq: 06 Oct 2018 11:46

Tgt Ion: 98 Resp: 449043
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 288.387 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

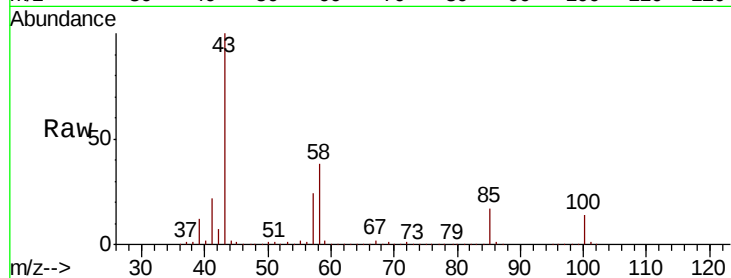
VSTDCCC050EC

Tot Ion: 43 Resp: 1228624

Ion Ratio Lower Upper

43 100

58 38.4 30.5 45.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

800000

600000

400000

200000

0

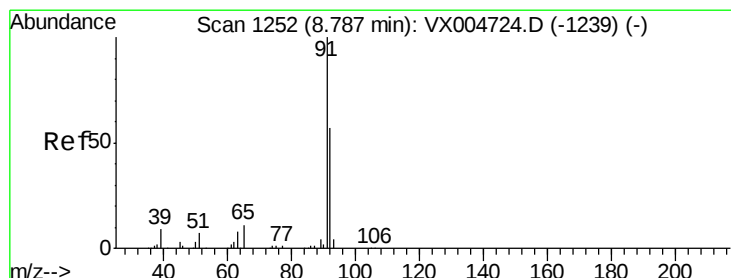
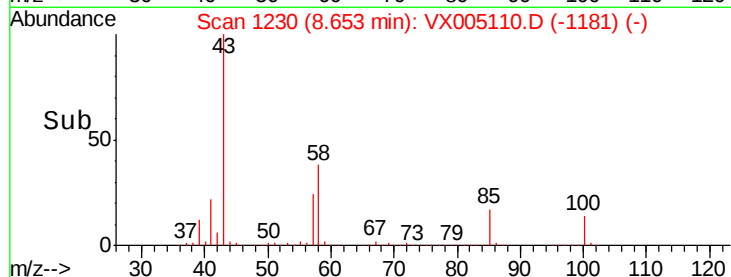
8.60

8.65

8.70

8.80

Time-->



#52

Toluene

Concen: 52.686 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005110.D

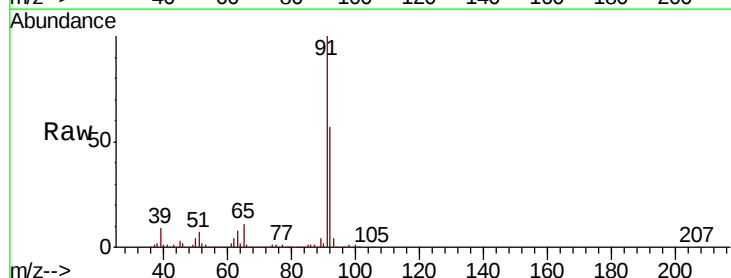
Acq: 06 Oct 2018 11:46

Tgt Ion: 92 Resp: 320086

Ion Ratio Lower Upper

92 100

91 173.7 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

300000

200000

100000

0

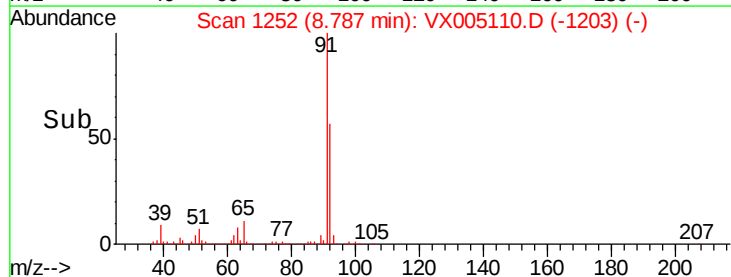
8.70

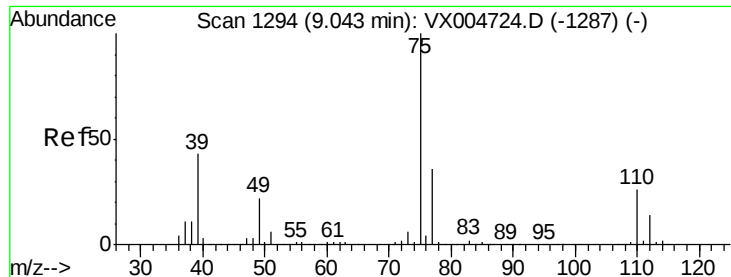
8.75

8.80

8.90

Time-->

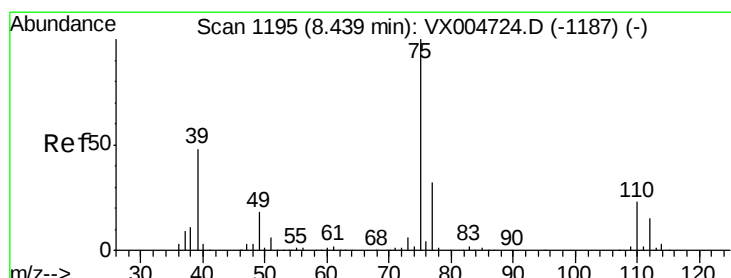
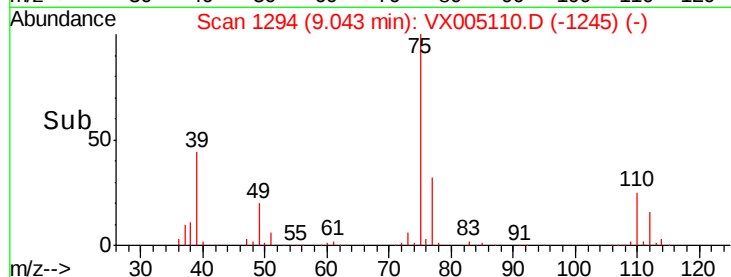
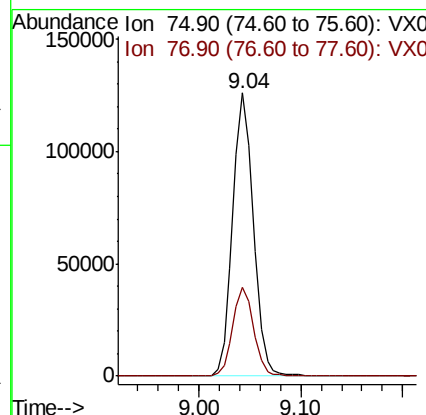
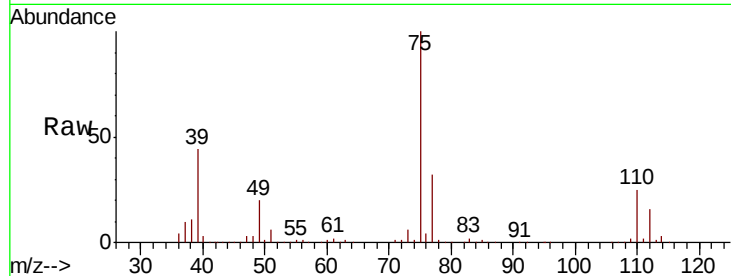




#53
 t-1,3-Dichloropropene
 Concen: 49.120 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX005110.D
 Acq: 06 Oct 2018 11:46

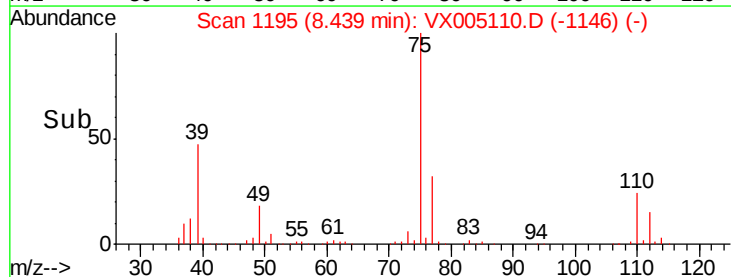
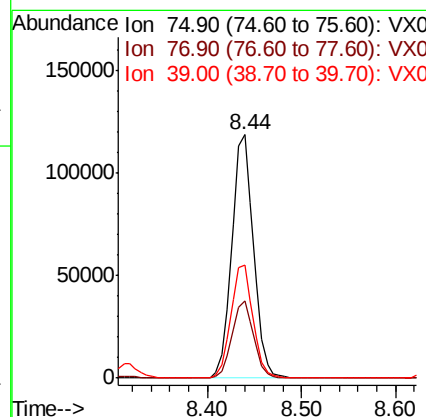
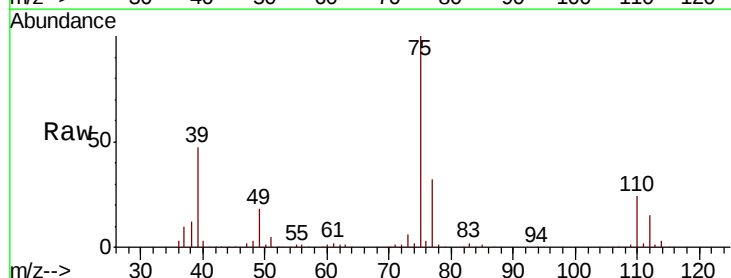
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

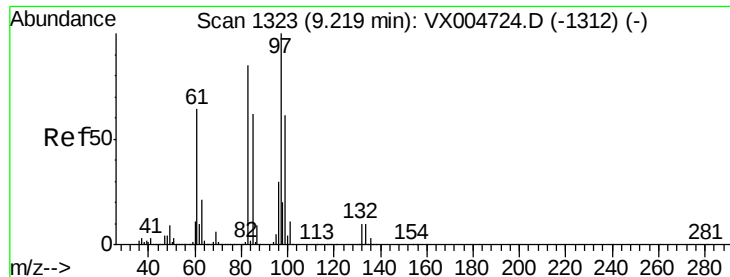
Tot Ion: 75 Resp: 177087
 Ion Ratio Lower Upper
 75 100
 77 31.5 28.9 43.3



#54
 cis-1,3-Dichloropropene
 Concen: 50.228 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: VX005110.D
 Acq: 06 Oct 2018 11:46

Tgt Ion: 75 Resp: 189668
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.7 38.5
 39 46.6 38.3 57.5

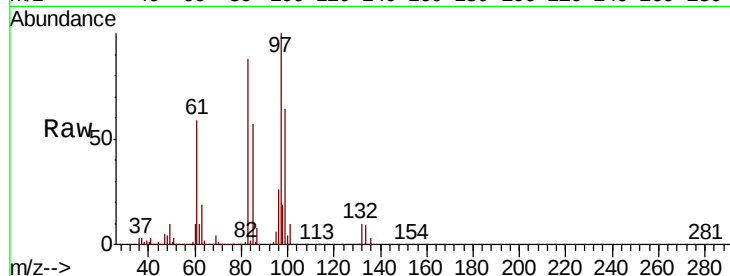




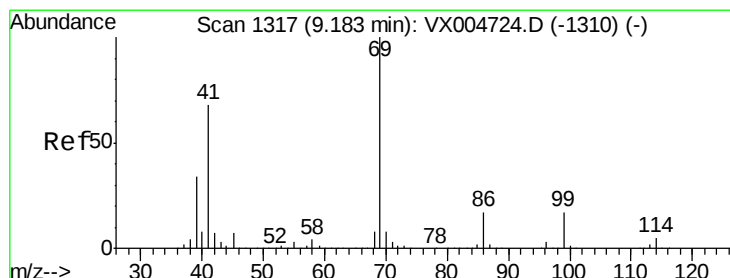
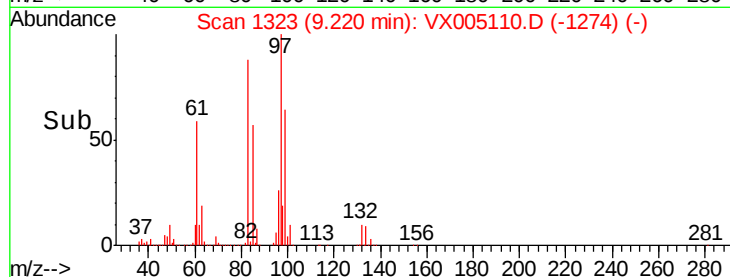
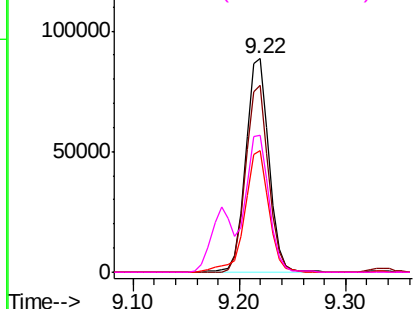
#55
 1,1,2-Trichloroethane
 Concen: 50.751 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005110.D
 Acq: 06 Oct 2018 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	135059
Ion	Ratio	Lower	Upper
97	100		
83	87.6	68.2	102.2
85	57.1	49.9	74.9
99	64.0	48.9	73.3

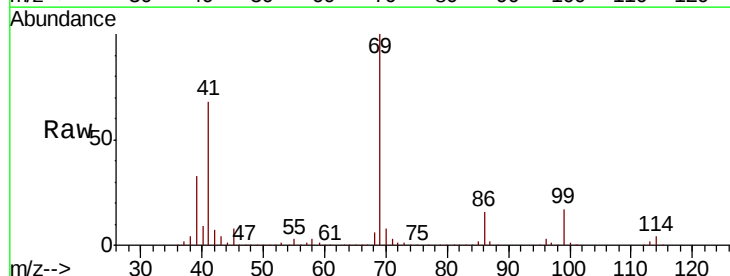


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

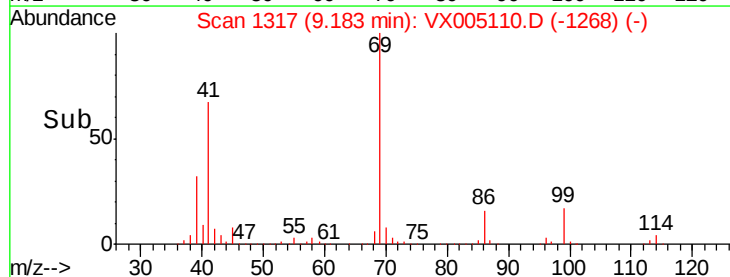
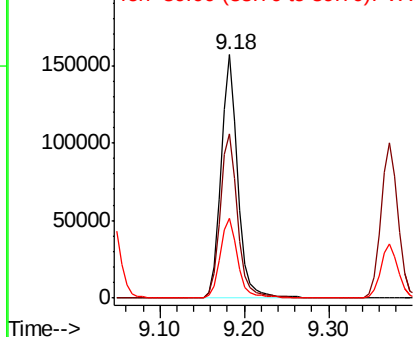


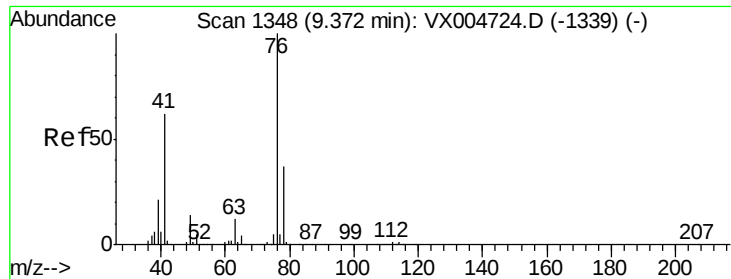
#56
 Ethyl methacrylate
 Concen: 49.995 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005110.D
 Acq: 06 Oct 2018 11:46

Tgt Ion:	69	Resp:	215895
Ion	Ratio	Lower	Upper
69	100		
41	70.0	56.9	85.3
39	34.1	28.4	42.6



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: 51.746 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

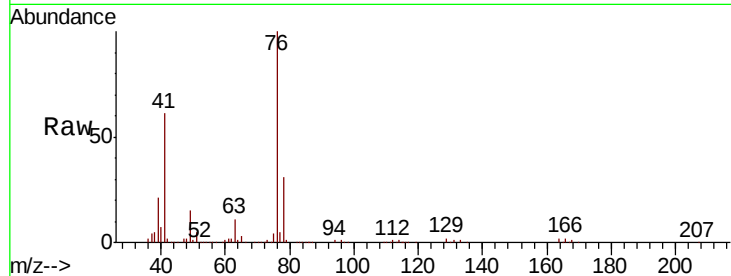
VSTDCCC050EC

Tot Ion: 76 Resp: 229187

Ion Ratio Lower Upper

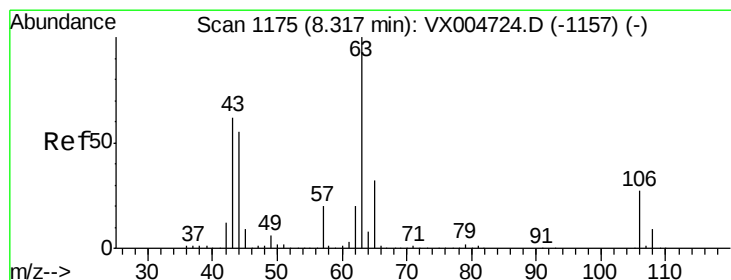
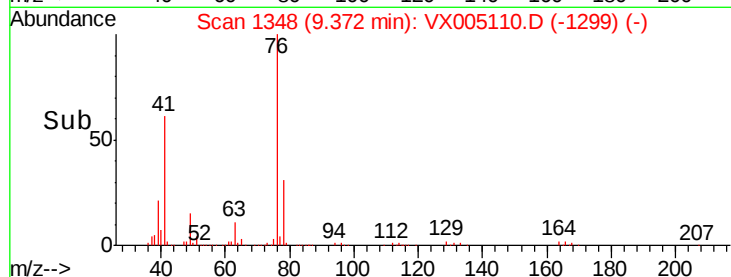
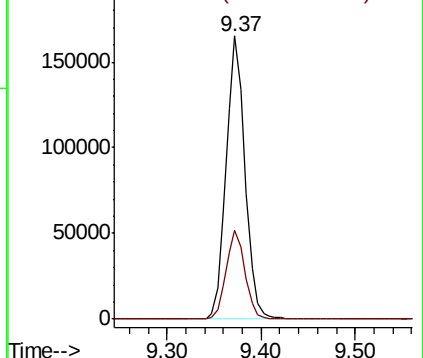
76 100

78 31.7 26.6 40.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 251.922 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX005110.D

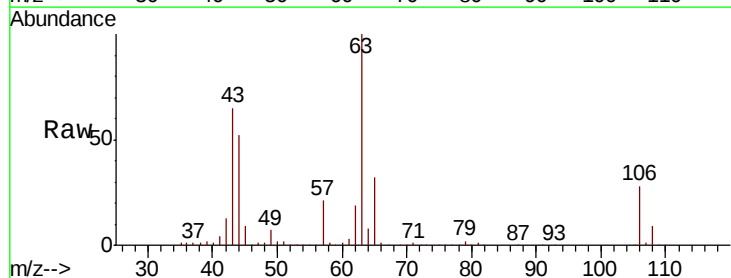
Acq: 06 Oct 2018 11:46

Tgt Ion: 63 Resp: 577921

Ion Ratio Lower Upper

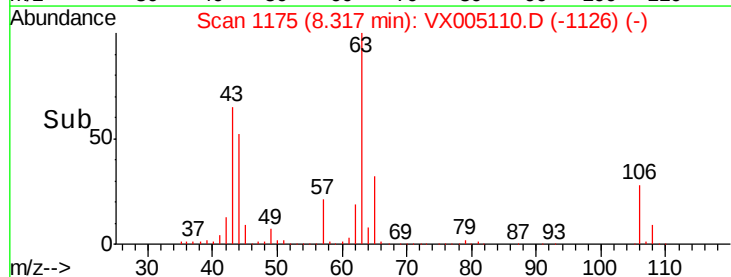
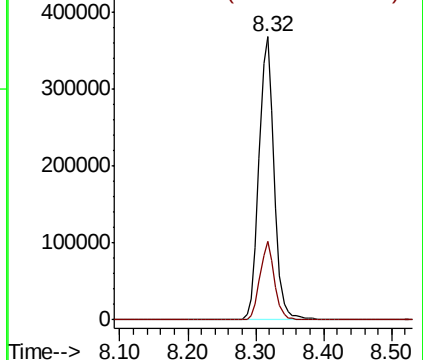
63 100

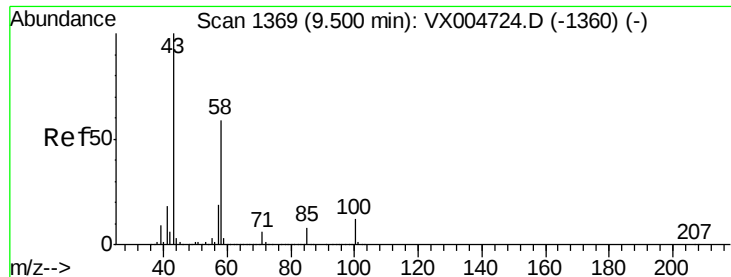
106 26.6 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

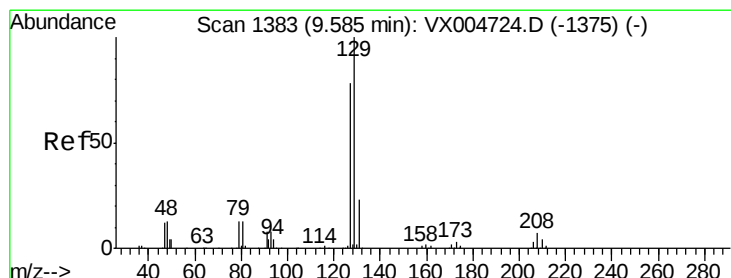
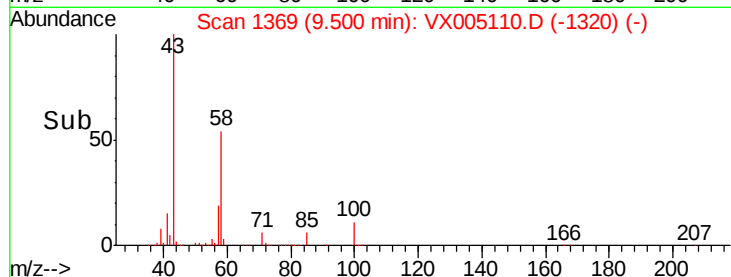
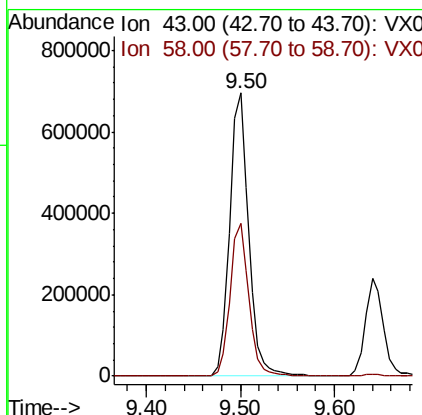
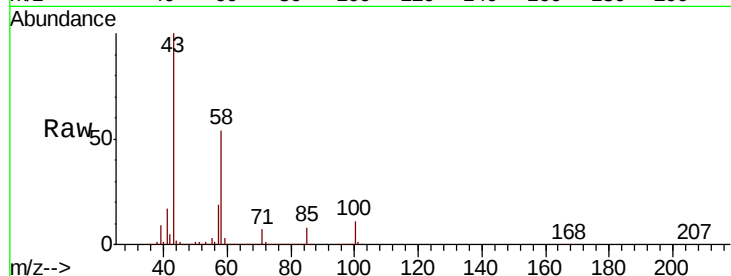




#59
2-Hexanone
Concen: 273.859 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005110.D
Acq: 06 Oct 2018 11:46

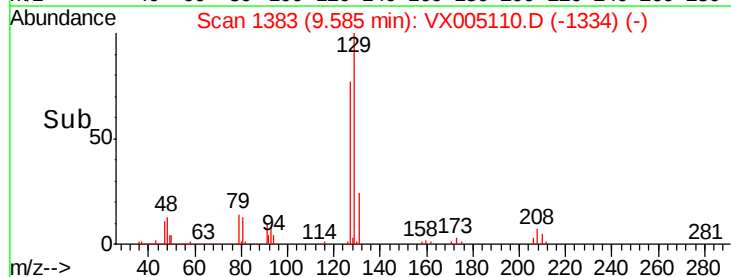
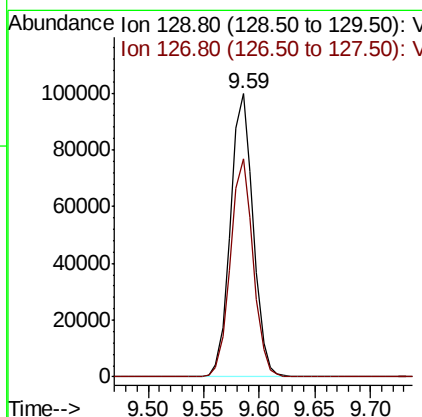
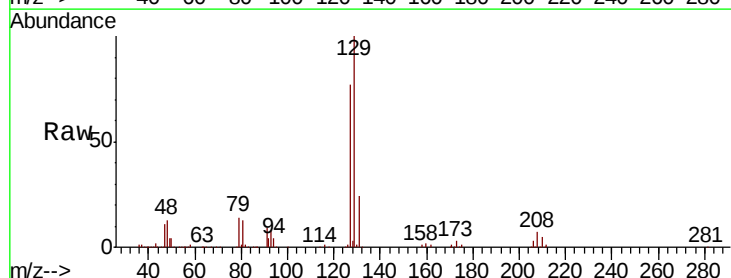
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

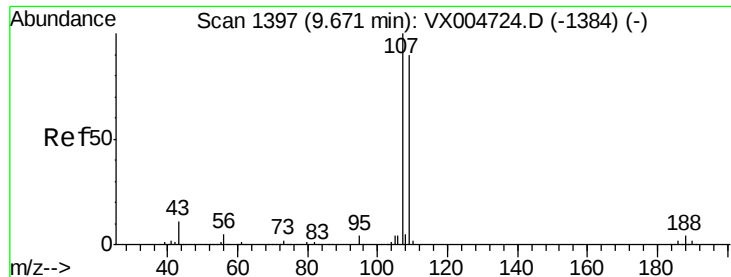
Tot Ion: 43 Resp: 972257
Ion Ratio Lower Upper
43 100
58 53.6 28.4 85.3



#60
Dibromochloromethane
Concen: 52.944 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005110.D
Acq: 06 Oct 2018 11:46

Tgt Ion: 129 Resp: 140904
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.2





#61

1,2-Dibromoethane

Concen: 48.727 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

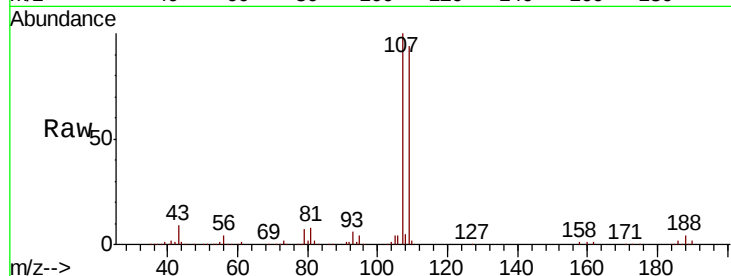
VSTDCCC050EC

Tot Ion:107 Resp: 138872

Ion Ratio Lower Upper

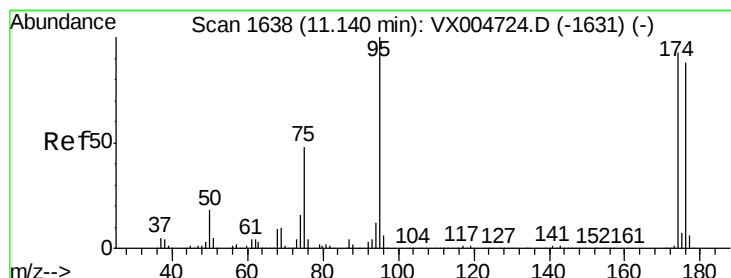
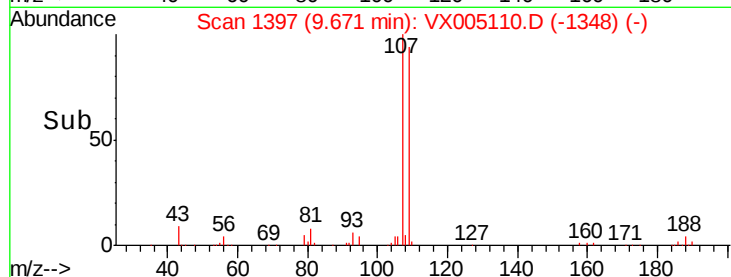
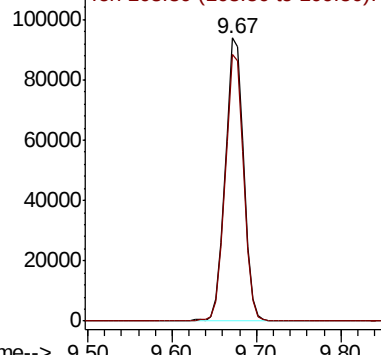
107 100

109 94.6 72.1 108.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.538 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

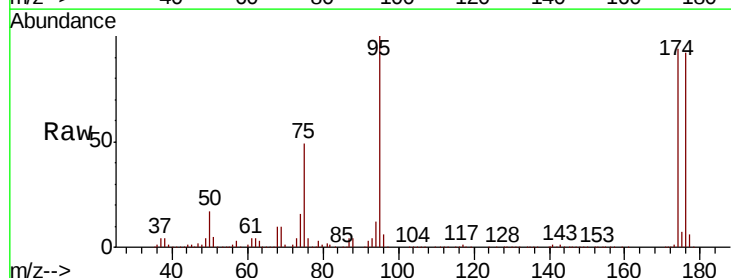
Tgt Ion: 95 Resp: 172175

Ion Ratio Lower Upper

95 100

174 90.8 0.0 185.0

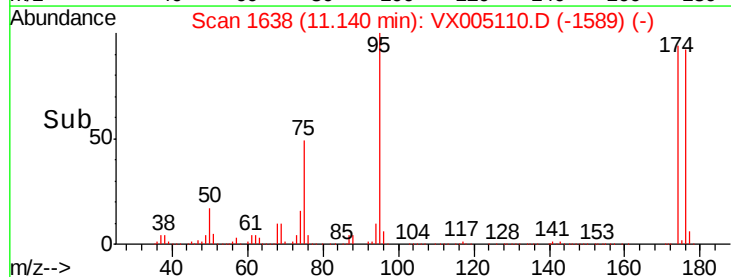
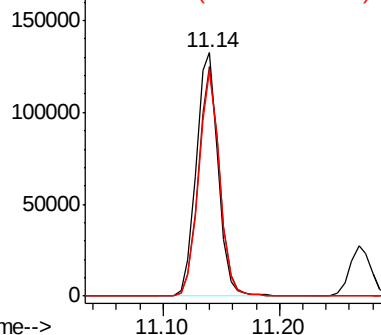
176 88.6 0.0 180.2

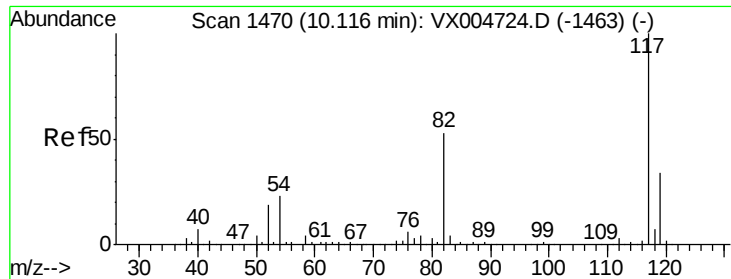


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

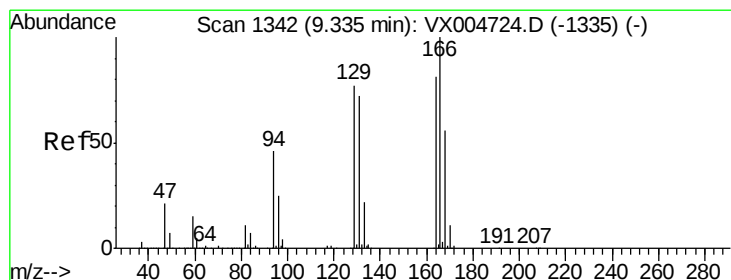
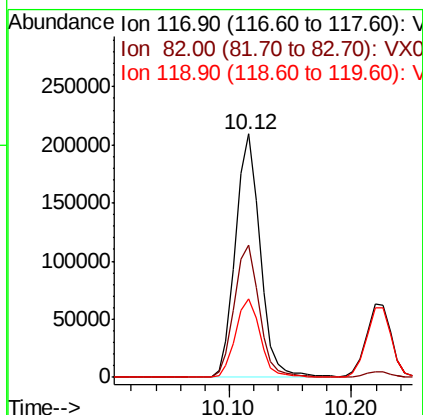
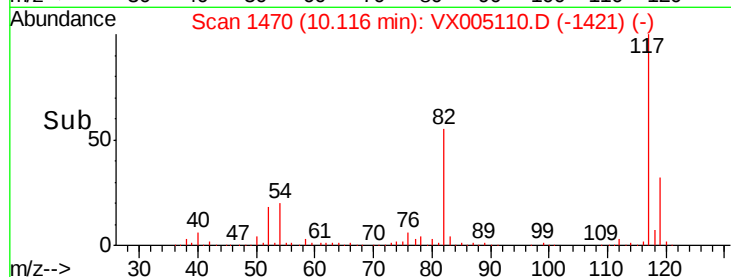
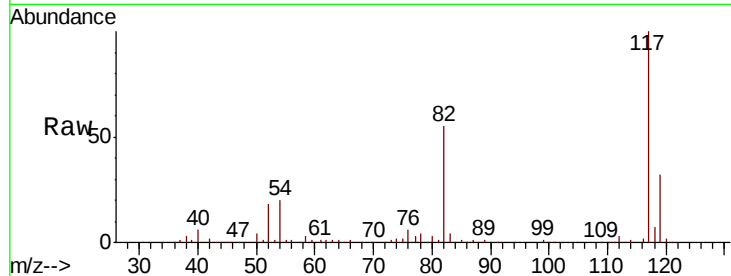




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005110.D
Acq: 06 Oct 2018 11:46

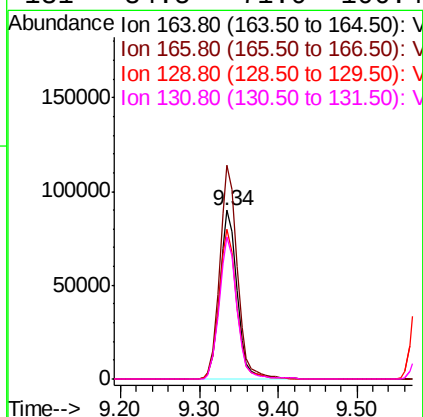
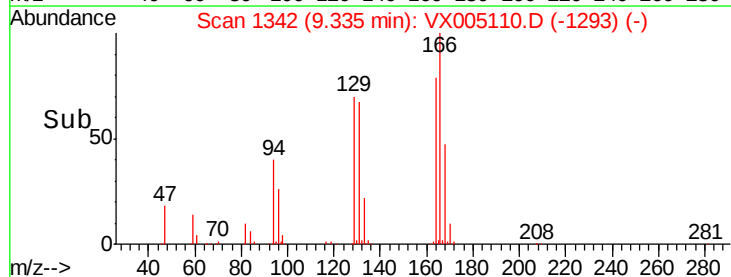
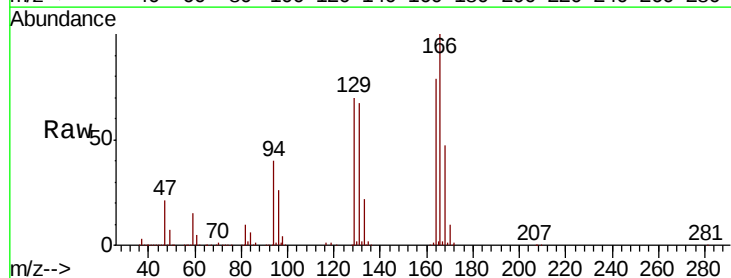
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 292914
Ion Ratio Lower Upper
117 100
82 54.5 42.2 63.4
119 32.3 27.4 41.0



#64
Tetrachloroethene
Concen: 48.457 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005110.D
Acq: 06 Oct 2018 11:46

Tgt Ion:164 Resp: 139696
Ion Ratio Lower Upper
164 100
166 126.6 98.4 147.6
129 88.5 76.1 114.1
131 84.5 71.0 106.4

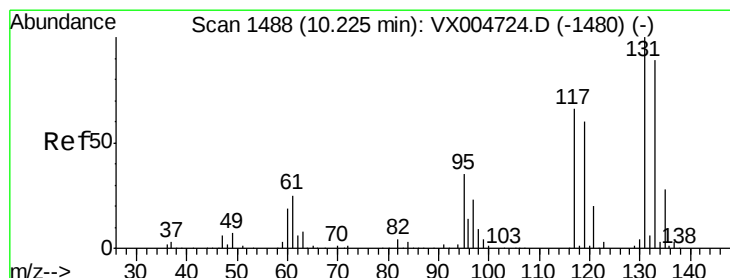
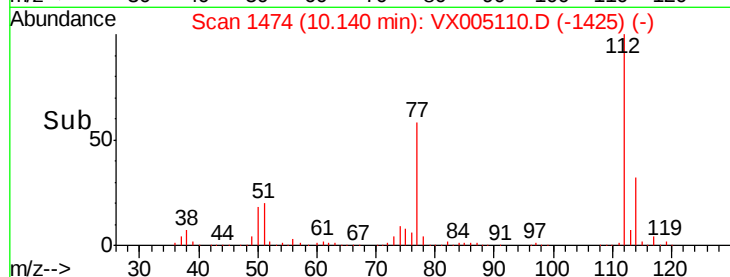
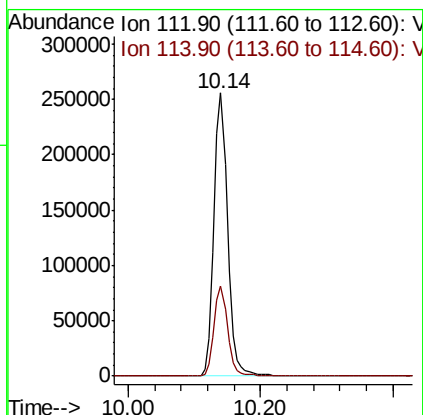
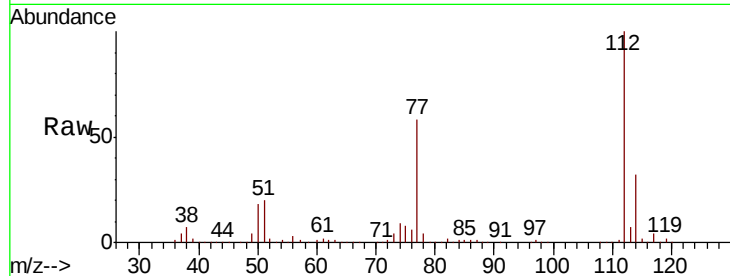




#65
Chlorobenzene
Concen: 48.467 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005110.D
Acq: 06 Oct 2018 11:46

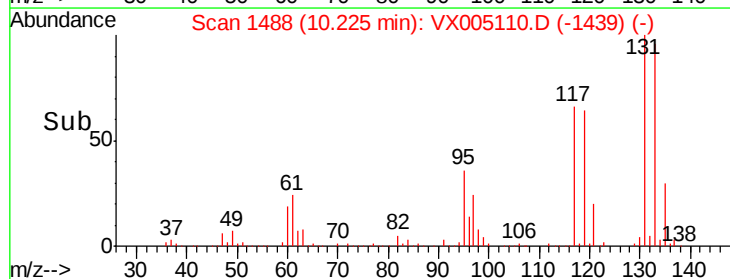
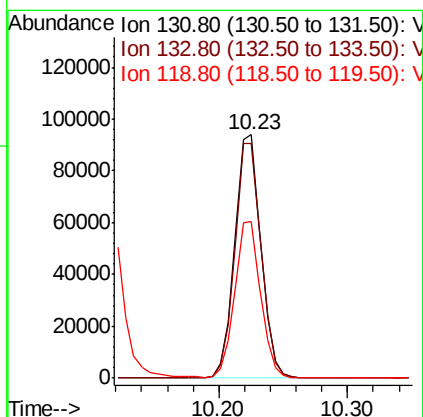
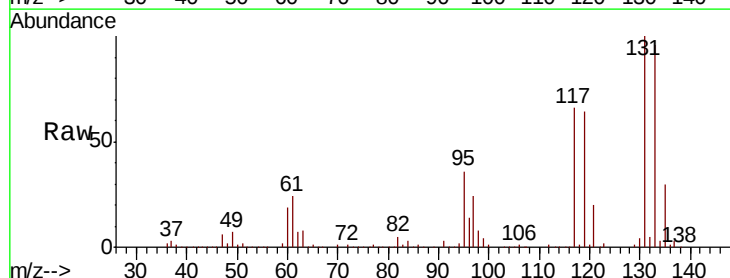
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 364041
Ion Ratio Lower Upper
112 100
114 31.6 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.339 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX005110.D
Acq: 06 Oct 2018 11:46

Tgt Ion:131 Resp: 132926
Ion Ratio Lower Upper
131 100
133 97.0 48.4 145.0
119 64.2 32.3 96.8

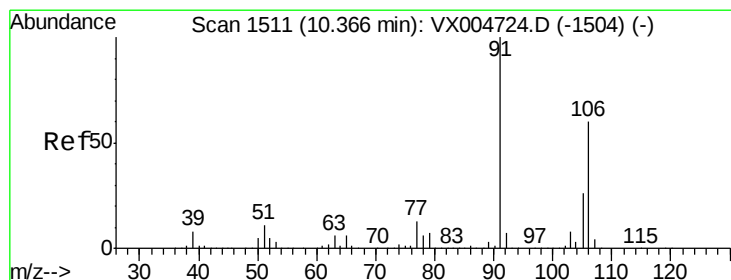
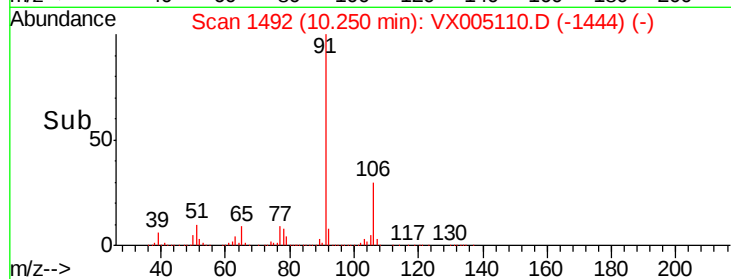
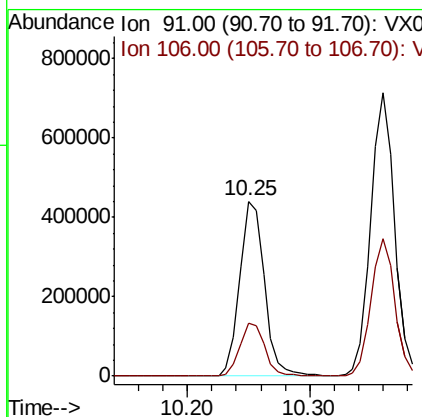
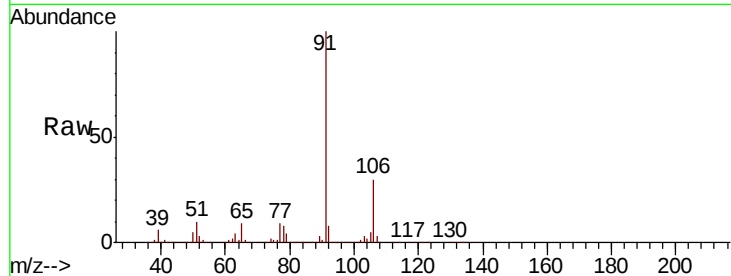




#67
Ethyl Benzene
Concen: 51.878 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005110.D
Acq: 06 Oct 2018 11:46

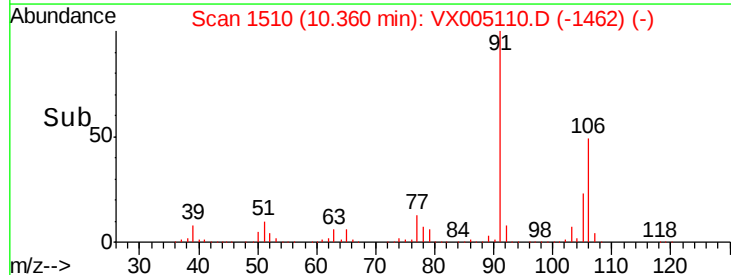
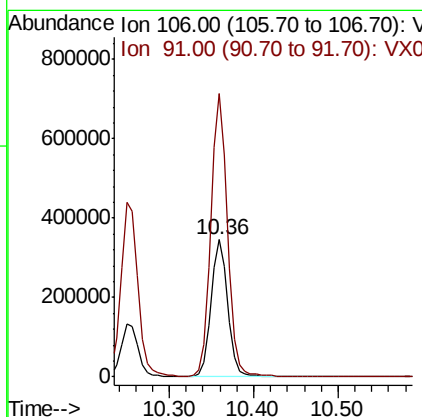
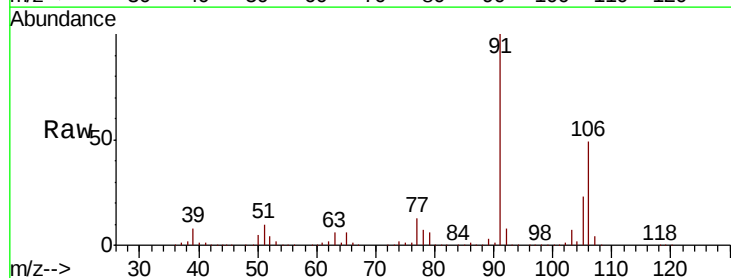
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 618634
Ion Ratio Lower Upper
91 100
106 30.4 26.9 40.3



#68
m/p-Xylenes
Concen: 102.374 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005110.D
Acq: 06 Oct 2018 11:46

Tgt Ion: 106 Resp: 477051
Ion Ratio Lower Upper
106 100
91 205.2 157.5 236.3

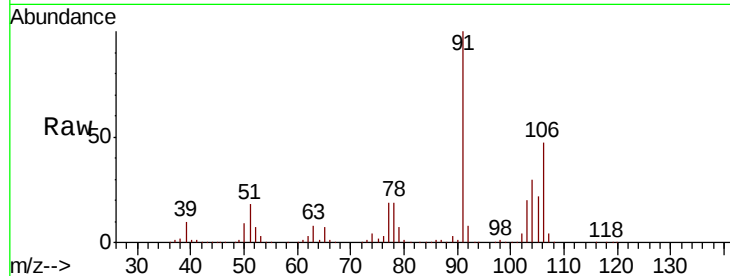




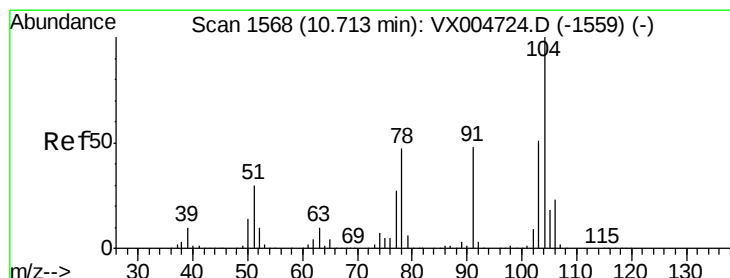
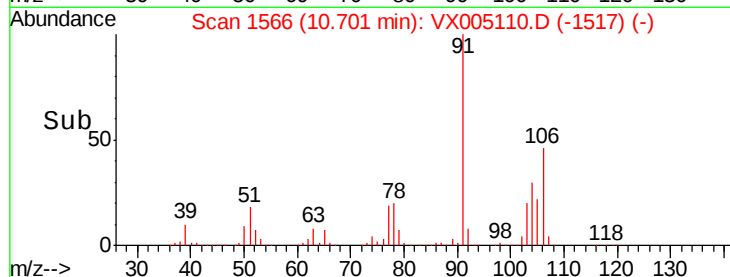
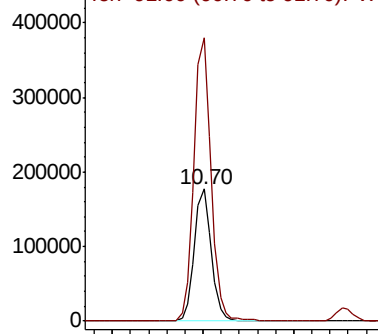
#69
o-Xylene
Concen: 54.573 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005110.D
Acq: 06 Oct 2018 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 233578
Ion Ratio Lower Upper
106 100
91 215.0 108.3 324.8

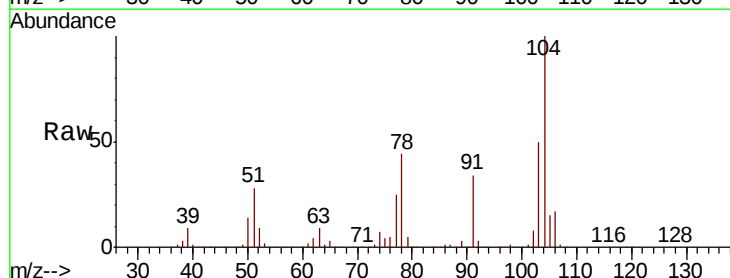


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

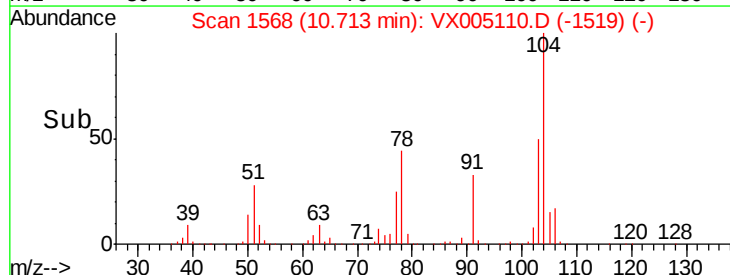
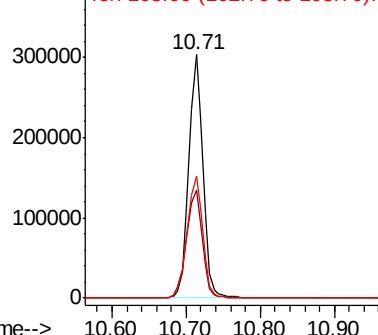


#70
Styrene
Concen: 49.634 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005110.D
Acq: 06 Oct 2018 11:46

Tgt Ion:104 Resp: 397190
Ion Ratio Lower Upper
104 100
78 50.0 40.0 60.0
103 55.5 44.3 66.5



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





#71

Bromoform

Concen: 51.859 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

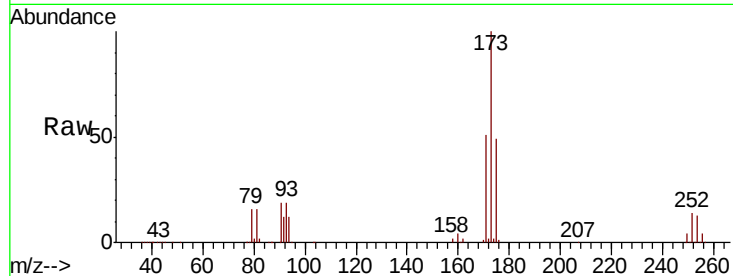
Tot Ion:173 Resp: 117236

Ion Ratio Lower Upper

173 100

175 49.0 23.3 69.8

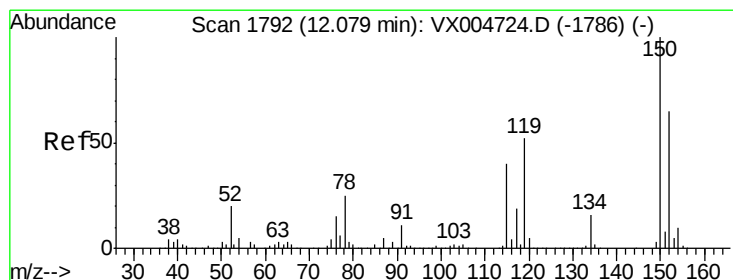
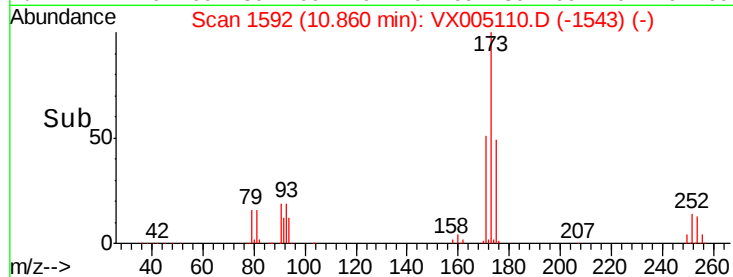
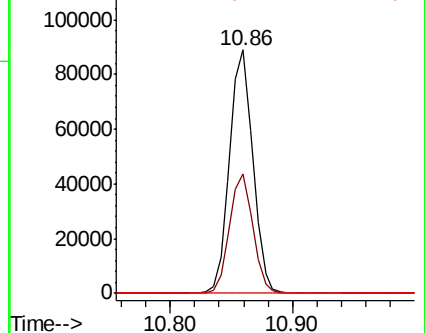
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

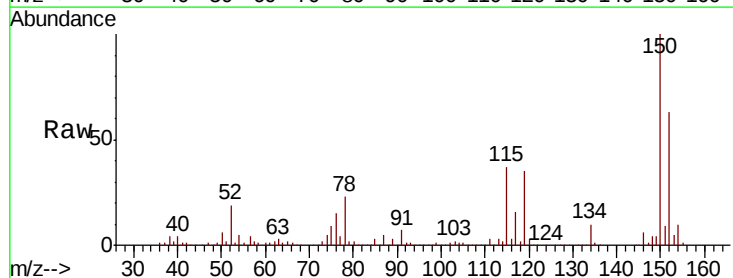
Tgt Ion:152 Resp: 182573

Ion Ratio Lower Upper

152 100

115 79.9 40.2 120.6

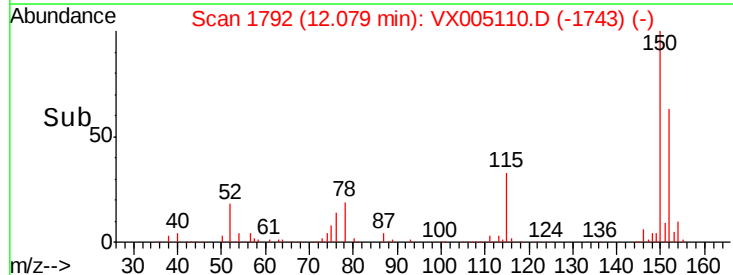
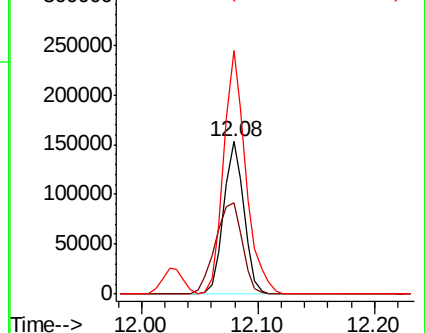
150 175.4 0.0 351.0

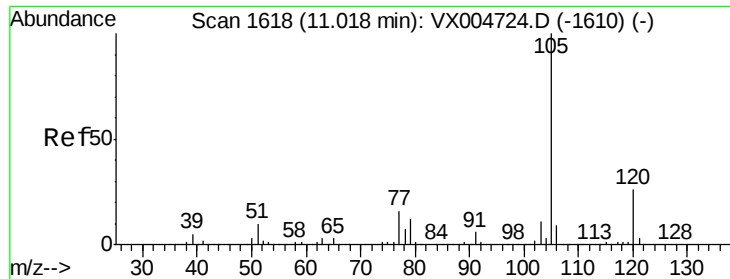


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.820 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

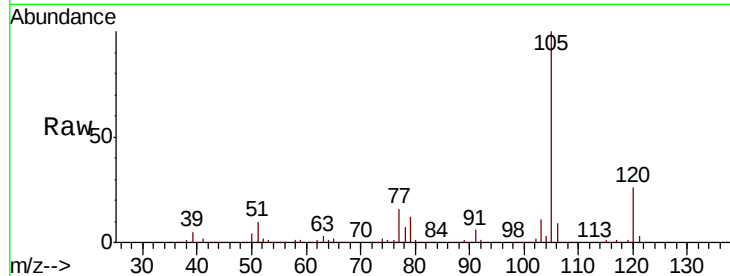
VSTDCCC050EC

Tot Ion:105 Resp: 630856

Ion Ratio Lower Upper

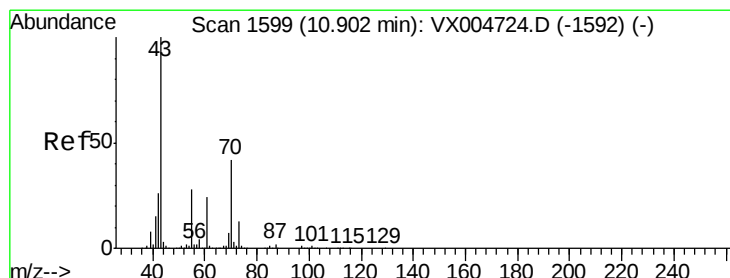
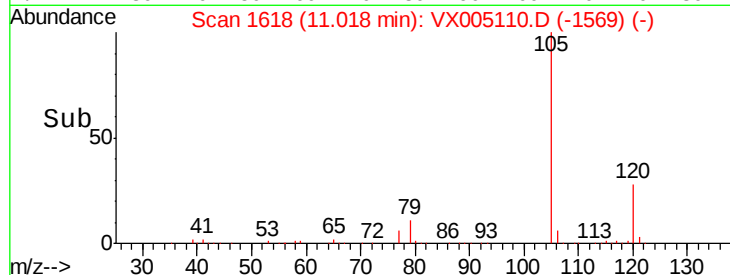
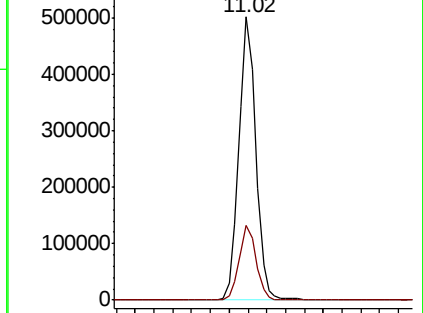
105 100

120 26.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.692 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

Tgt Ion: 43 Resp: 314238

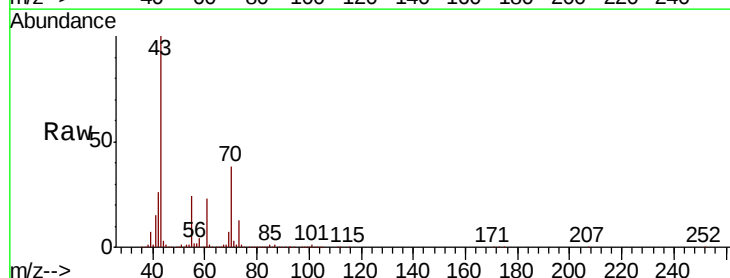
Ion Ratio Lower Upper

43 100

70 40.0 32.6 48.8

55 24.9 21.6 32.4

61 23.8 19.1 28.7

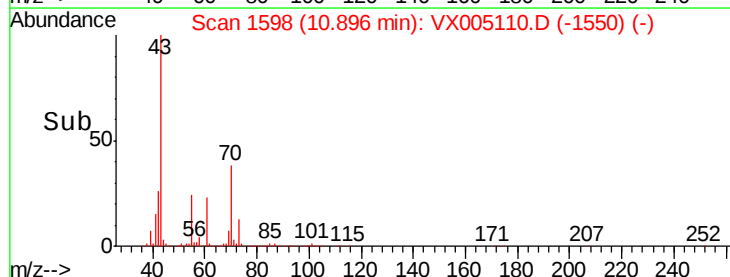
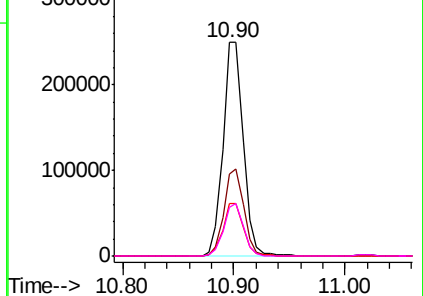


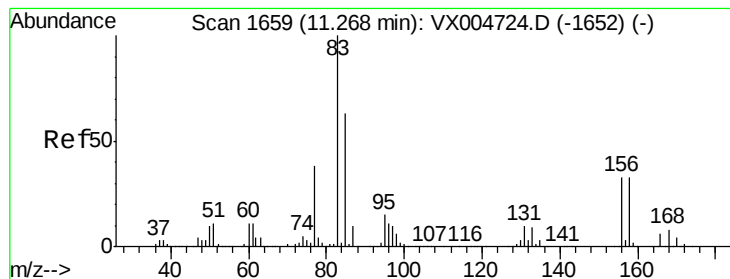
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.934 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

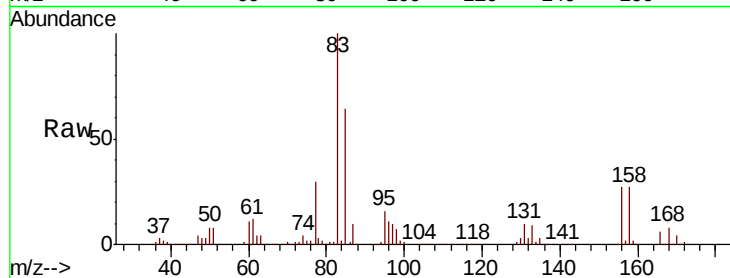
Tot Ion: 83 Resp: 229228

Ion Ratio Lower Upper

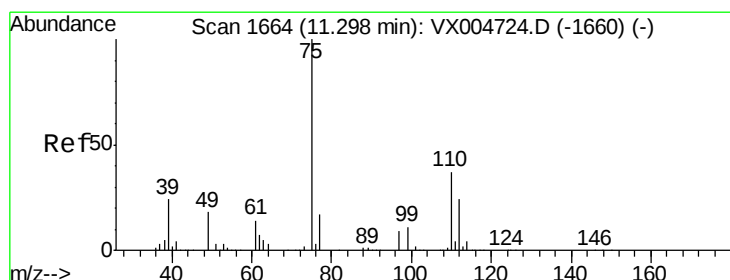
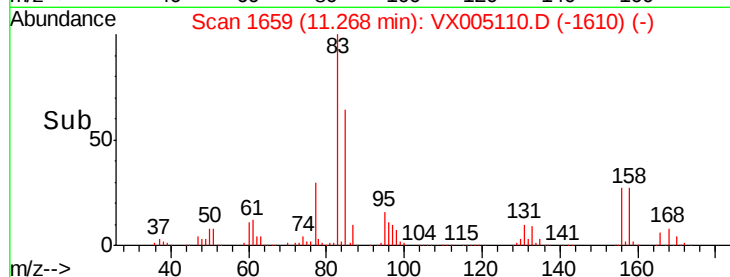
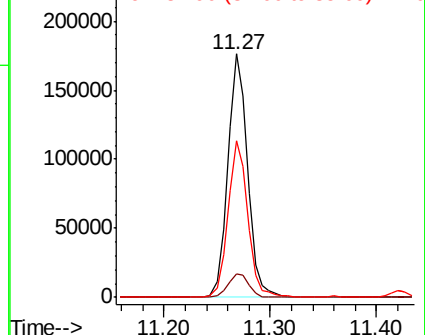
83 100

131 10.3 5.1 15.3

85 64.3 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.176 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005110.D

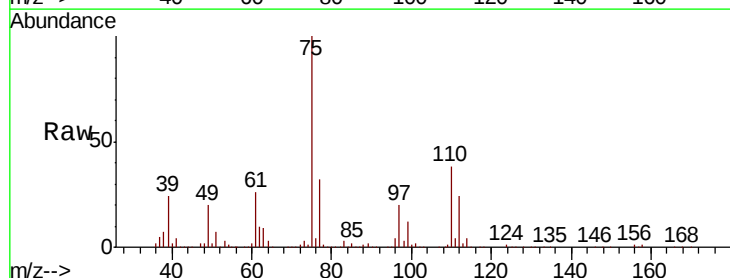
Acq: 06 Oct 2018 11:46

Tgt Ion: 75 Resp: 254434

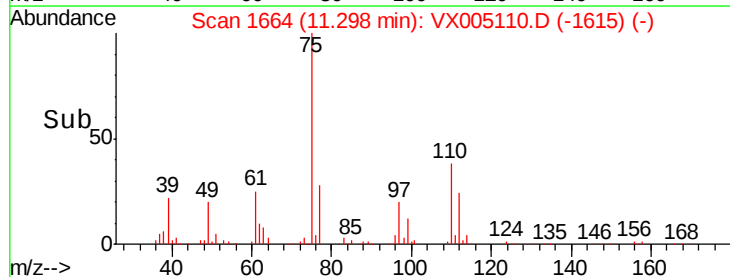
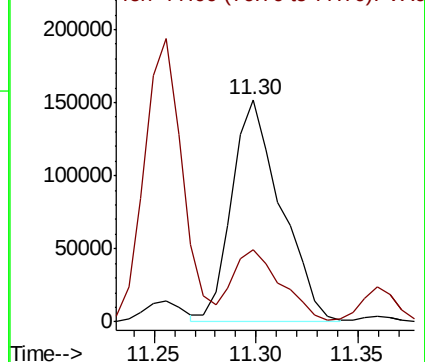
Ion Ratio Lower Upper

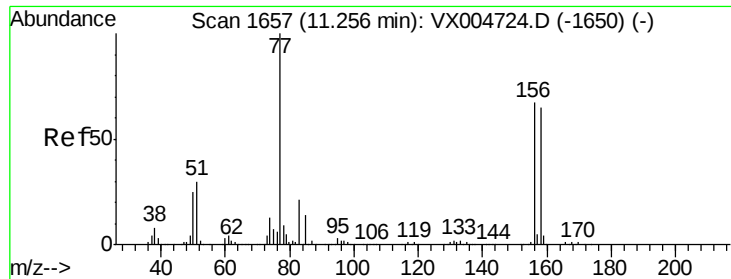
75 100

77 32.2 21.4 64.3



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





#77

Bromobenzene

Concen: 50.920 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

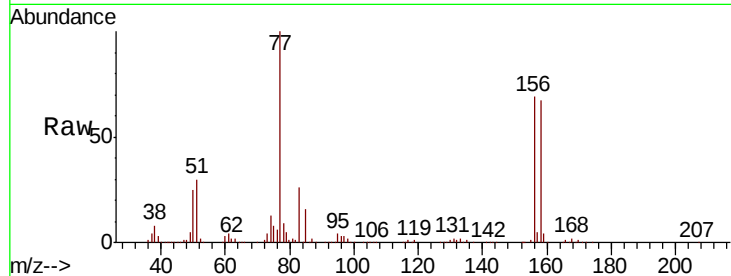
Tot Ion:156 Resp: 170202

Ion Ratio Lower Upper

156 100

77 147.4 73.4 220.2

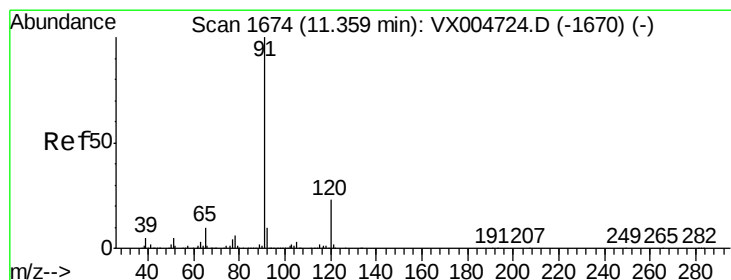
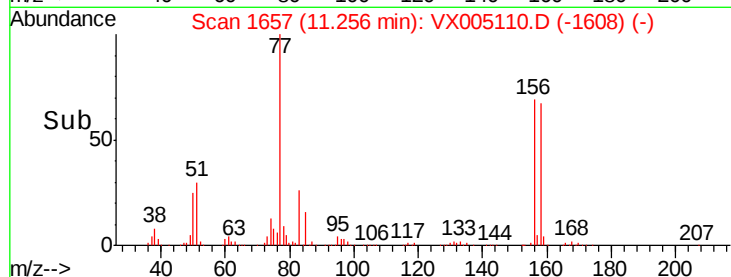
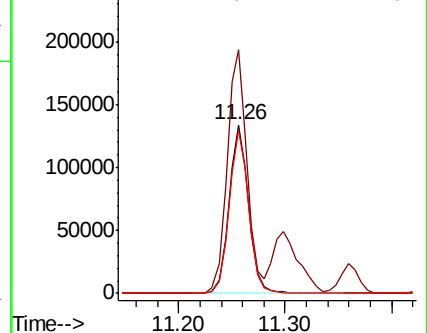
158 97.1 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.124 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005110.D

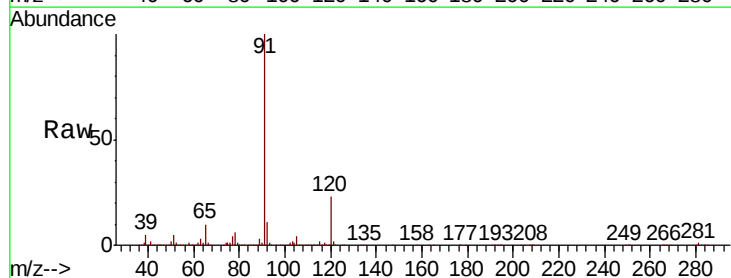
Acq: 06 Oct 2018 11:46

Tgt Ion: 91 Resp: 727855

Ion Ratio Lower Upper

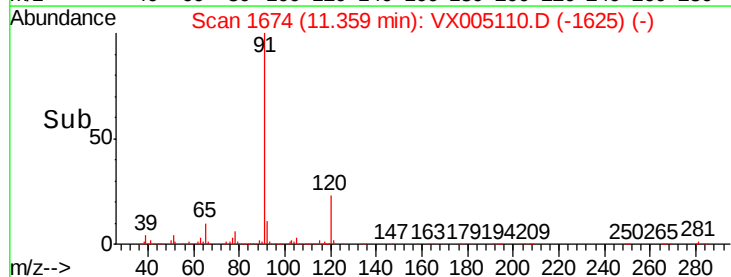
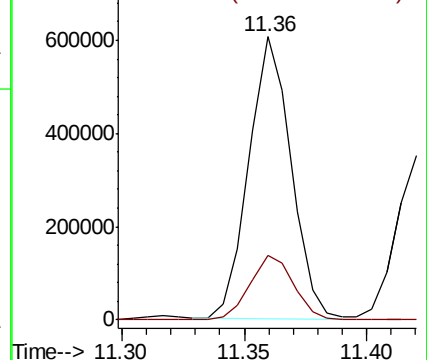
91 100

120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

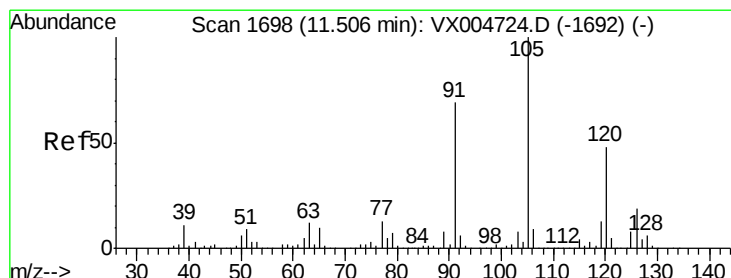
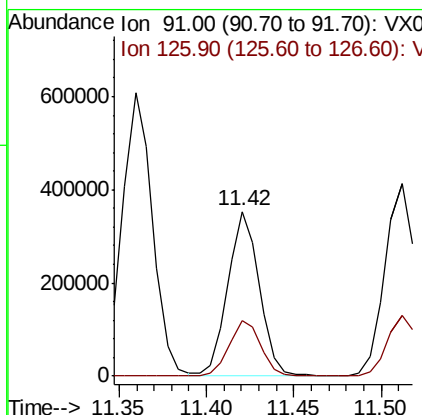
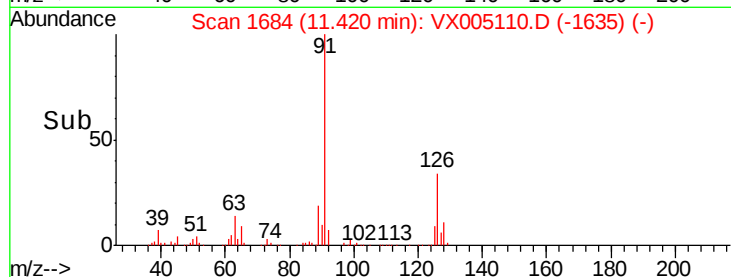
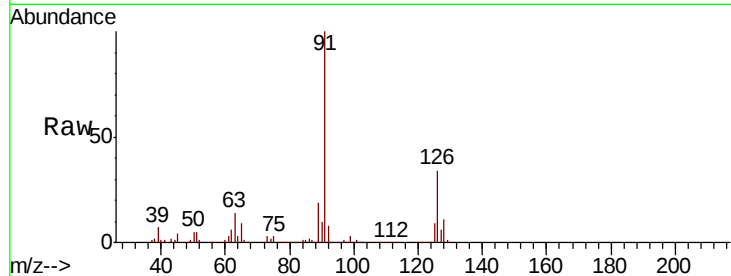




#79
 2-Chlorotoluene
 Concen: 53.148 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX005110.D
 Acq: 06 Oct 2018 11:46

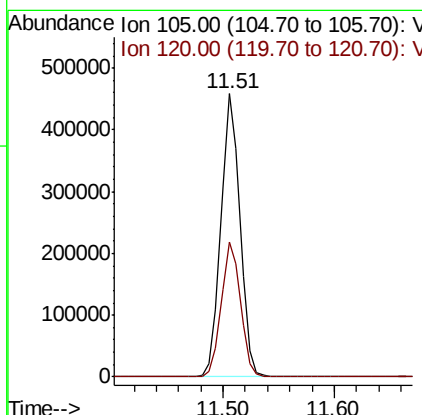
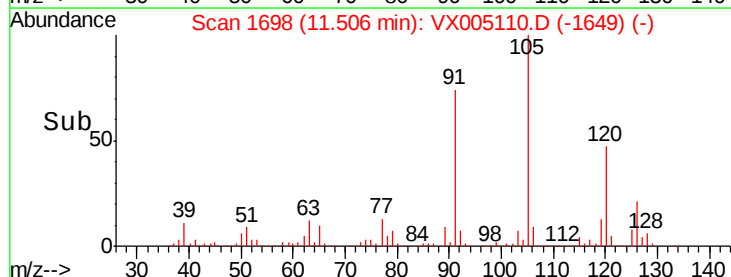
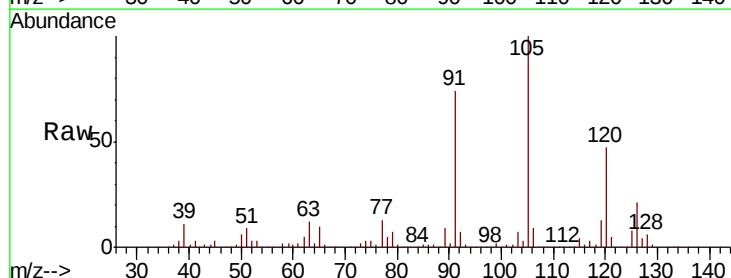
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

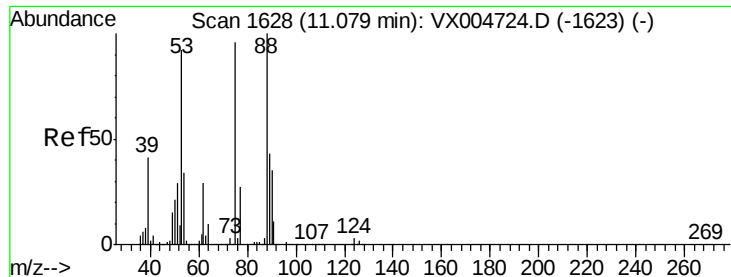
Tot Ion: 91 Resp: 437421
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 51.472 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX005110.D
 Acq: 06 Oct 2018 11:46

Tgt Ion: 105 Resp: 542836
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 35.568 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

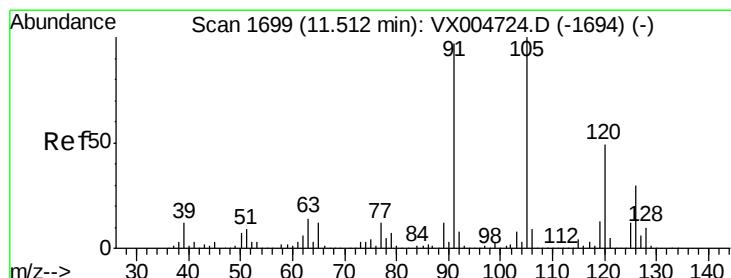
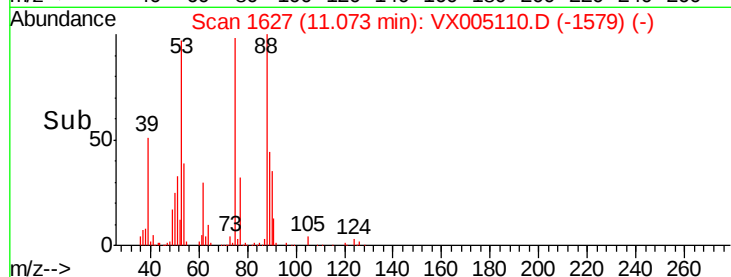
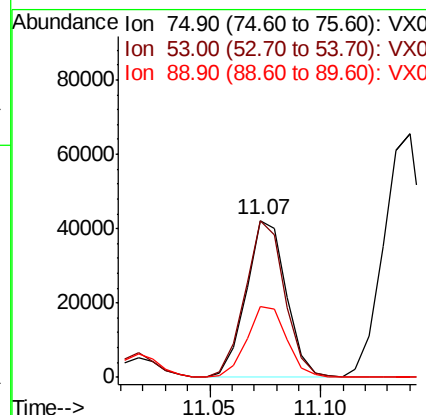
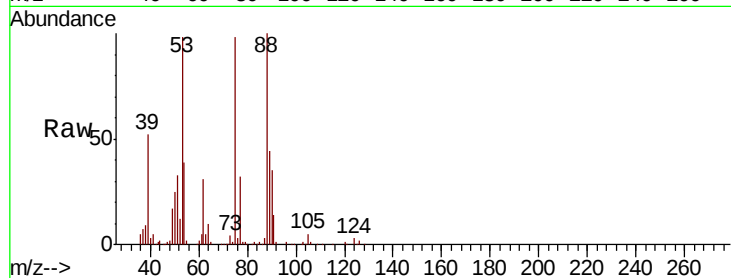
Tot Ion: 75 Resp: 52470

Ion Ratio Lower Upper

75 100

53 98.7 80.2 120.4

89 45.8 37.1 55.7



#82

4-Chlorotoluene

Concen: 53.052 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005110.D

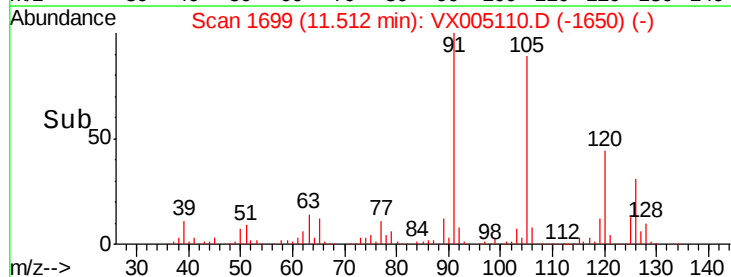
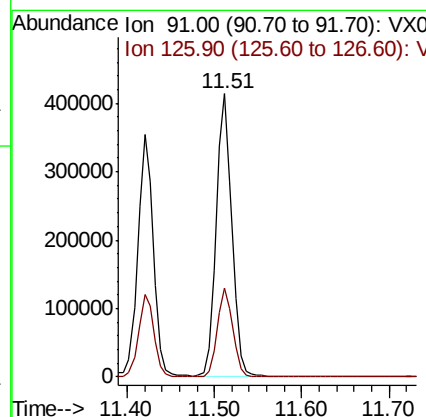
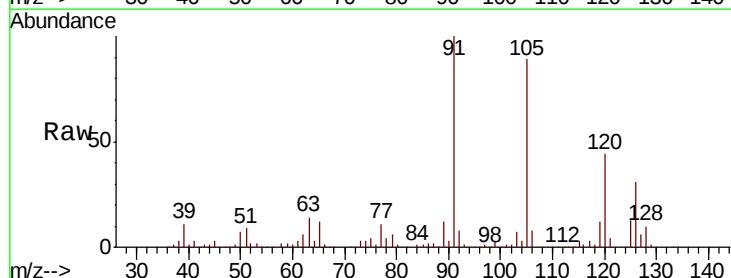
Acq: 06 Oct 2018 11:46

Tgt Ion: 91 Resp: 513930

Ion Ratio Lower Upper

91 100

126 30.8 15.5 46.5

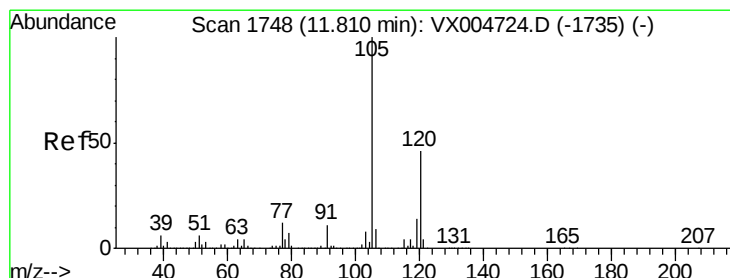
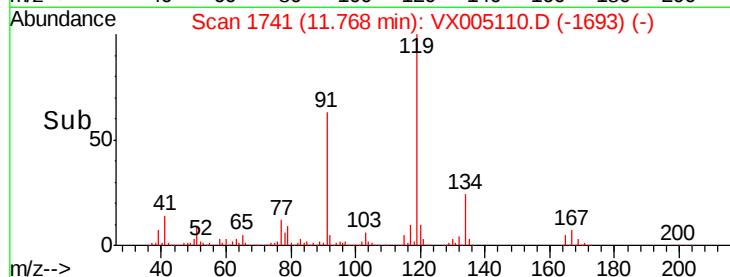
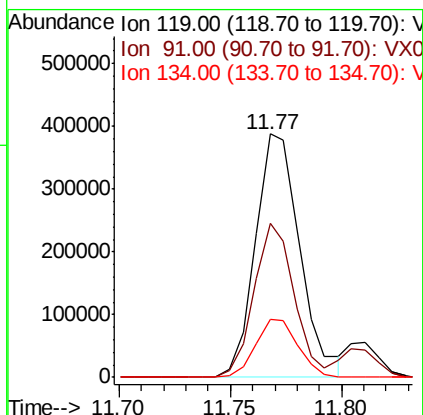
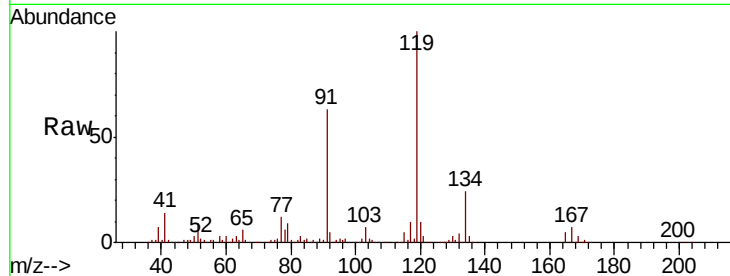




#83
 tert-Butylbenzene
 Concen: 56.867 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: VX005110.D
 Acq: 06 Oct 2018 11:46

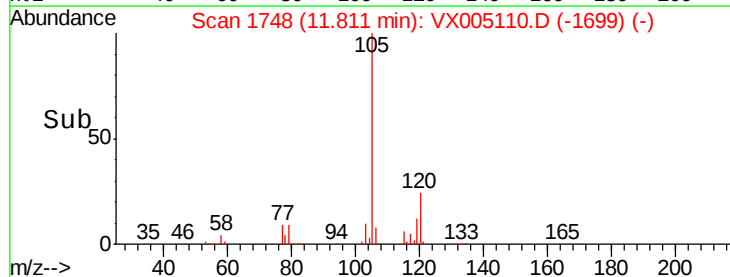
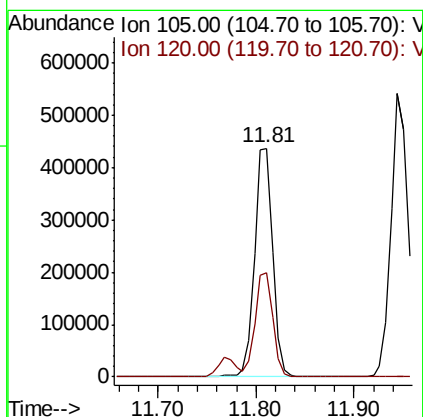
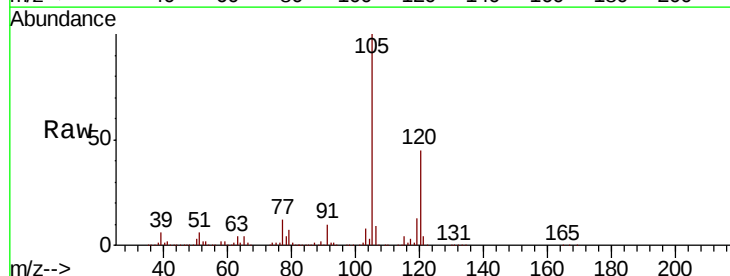
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

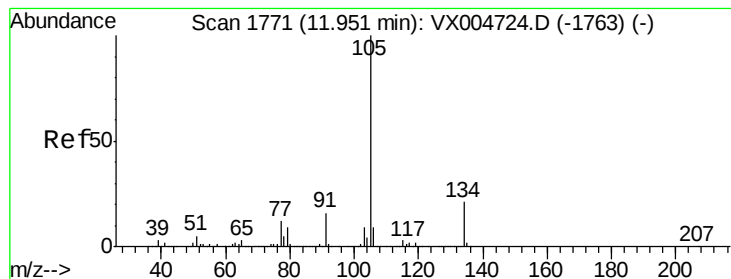
Tot Ion:119 Resp: 538804
 Ion Ratio Lower Upper
 119 100
 91 57.1 27.5 82.5
 134 22.8 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.604 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005110.D
 Acq: 06 Oct 2018 11:46

Tgt Ion:105 Resp: 561232
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.8 68.3





#85

sec-Butylbenzene

Concen: 56.596 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

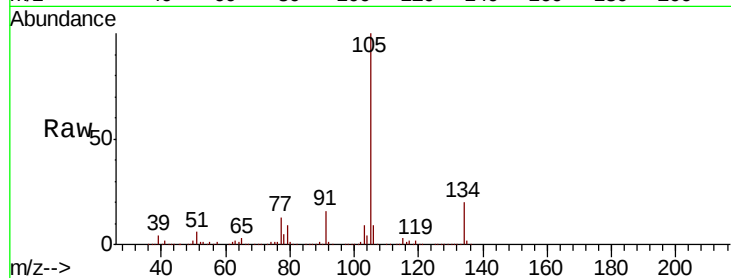
VSTDCCC050EC

Tot Ion:105 Resp: 653148

Ion Ratio Lower Upper

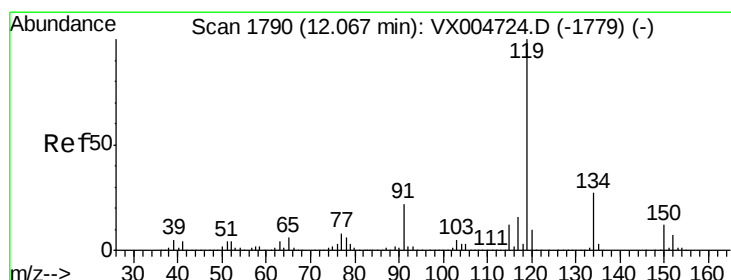
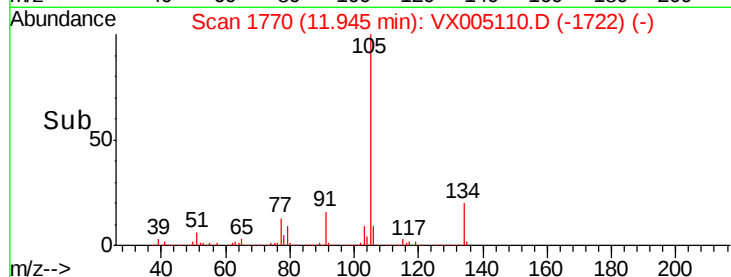
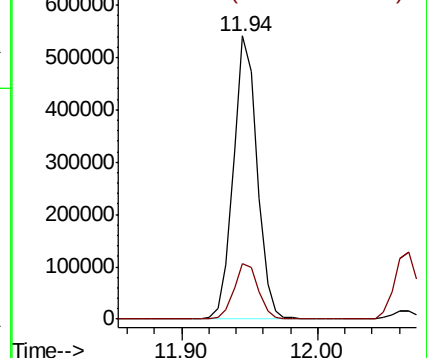
105 100

134 20.4 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.731 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

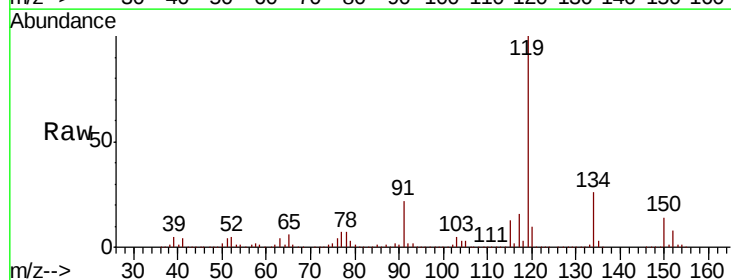
Tgt Ion:119 Resp: 582714

Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.1

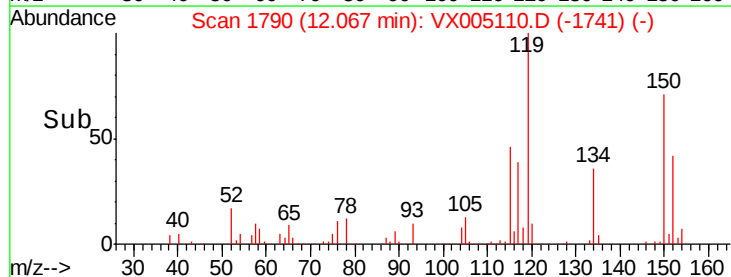
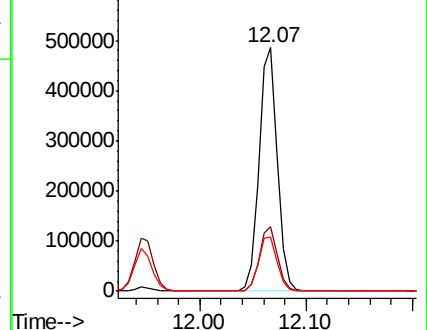
91 23.0 11.5 34.4



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): VX0

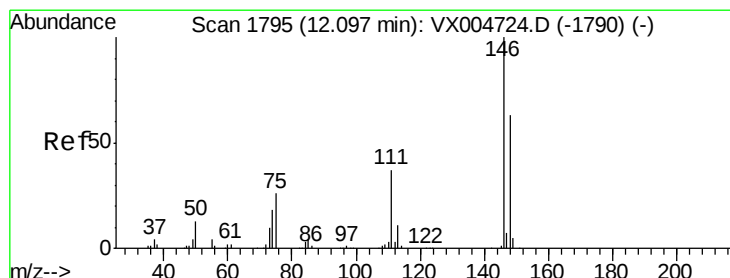
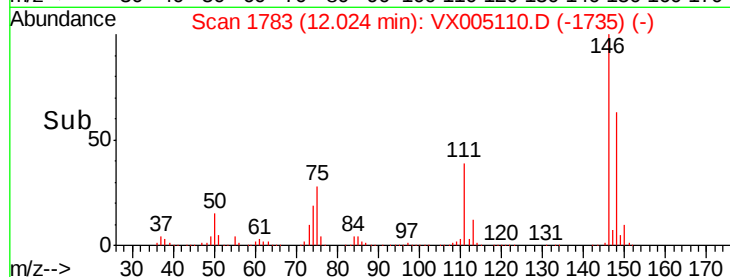
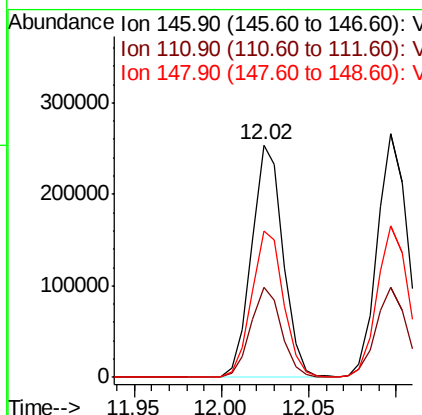
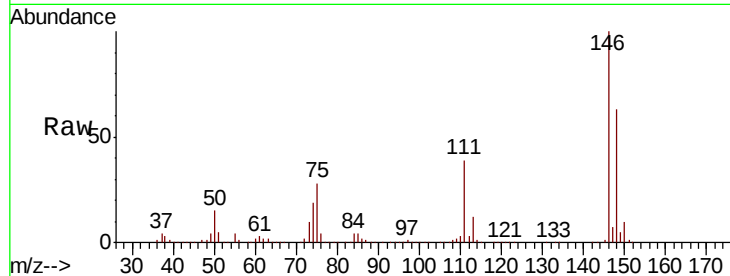




#87
 1,3-Dichlorobenzene
 Concen: 50.974 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005110.D
 Acq: 06 Oct 2018 11:46

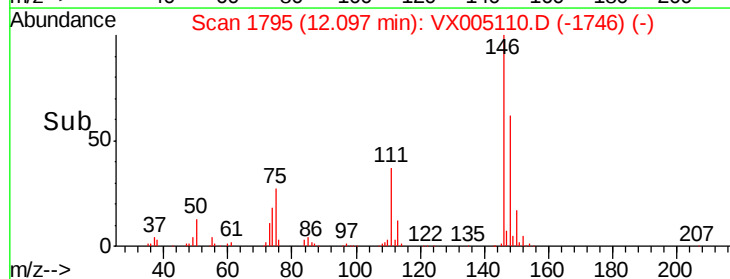
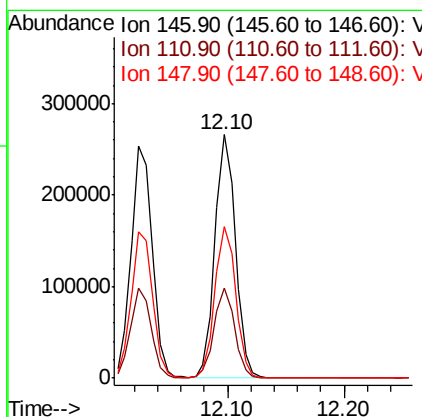
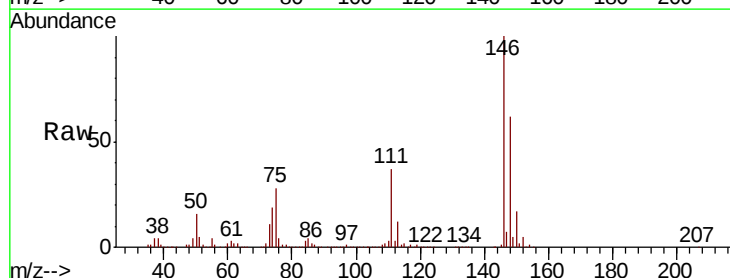
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

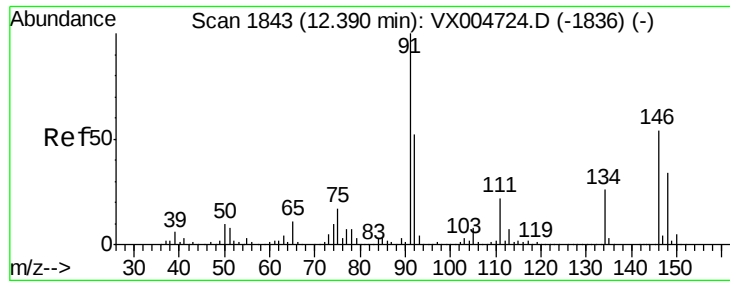
Tot Ion:146 Resp: 318151
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.9 56.9
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.083 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005110.D
 Acq: 06 Oct 2018 11:46

Tgt Ion:146 Resp: 322689
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.4 55.2
 148 63.4 32.0 96.0

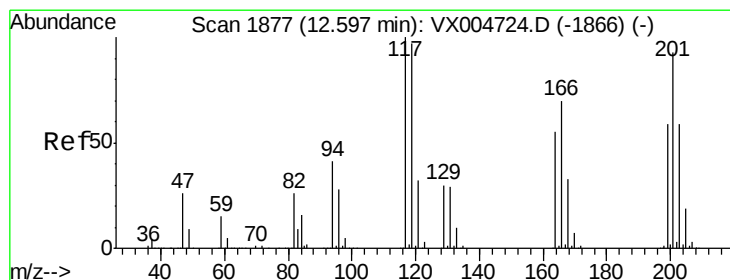
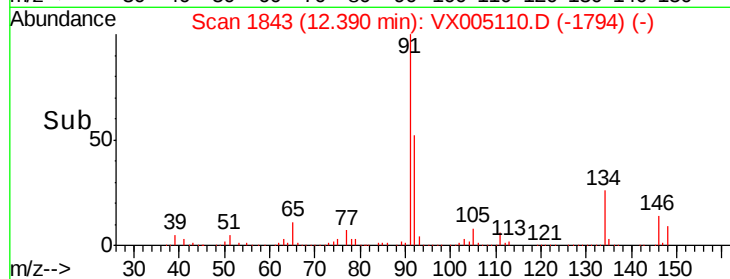
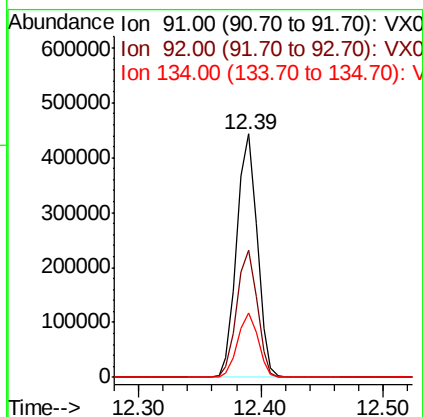
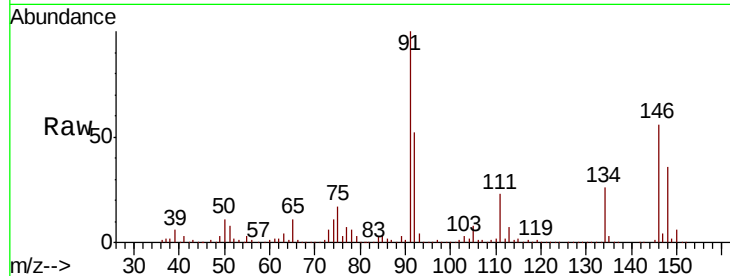




#89
n-Butylbenzene
Concen: 53.957 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005110.D
Acq: 06 Oct 2018 11:46

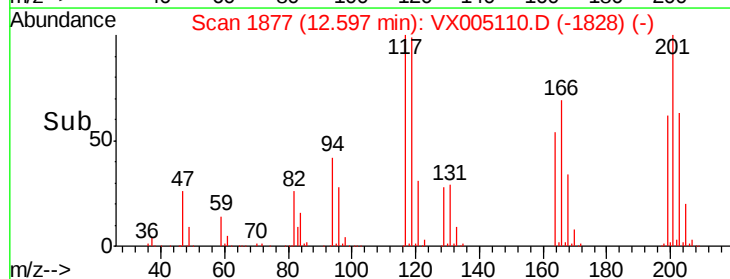
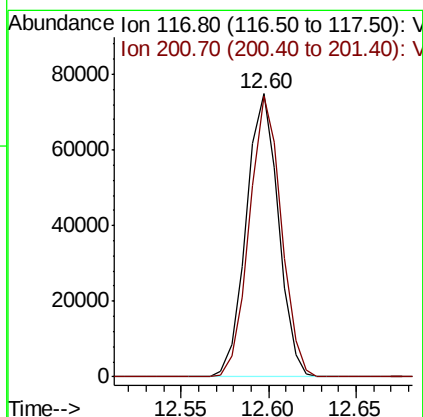
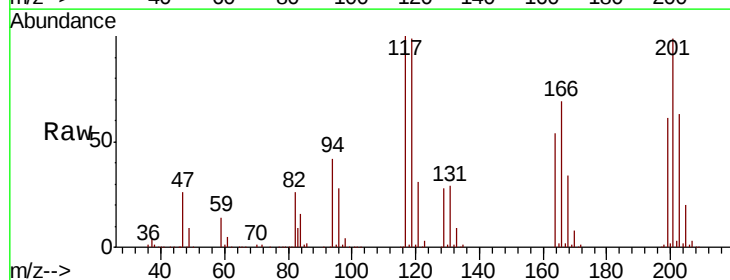
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 512367
Ion Ratio Lower Upper
91 100
92 52.4 26.0 78.0
134 26.3 13.2 39.6



#90
Hexachloroethane
Concen: 55.085 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005110.D
Acq: 06 Oct 2018 11:46

Tgt Ion: 117 Resp: 95896
Ion Ratio Lower Upper
117 100
201 98.1 48.4 145.0

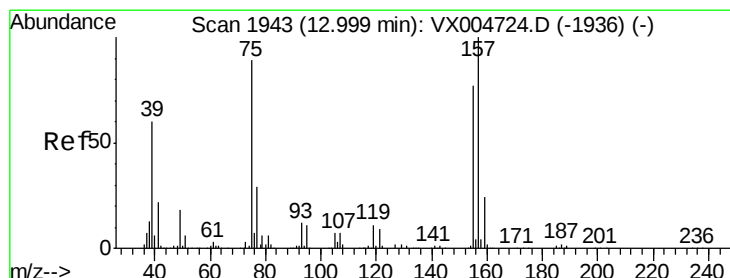
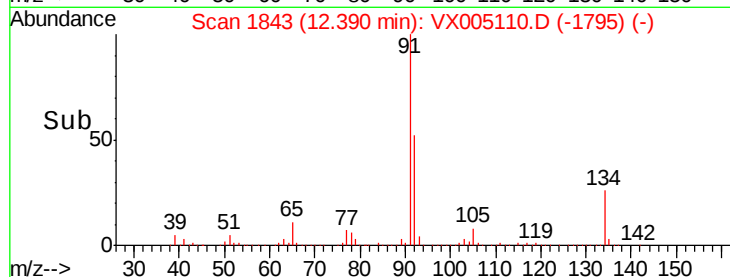
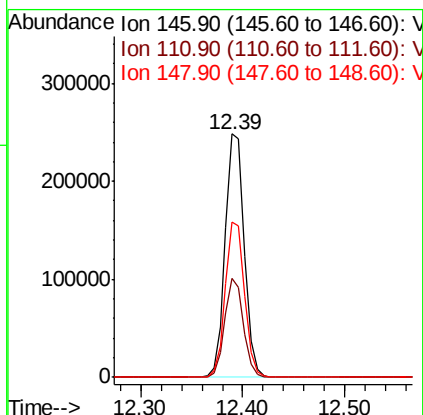
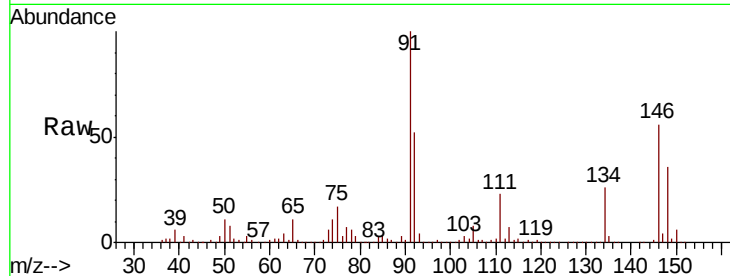




#91
 1,2-Dichlorobenzene
 Concen: 49.433 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX005110.D
 Acq: 06 Oct 2018 11:46

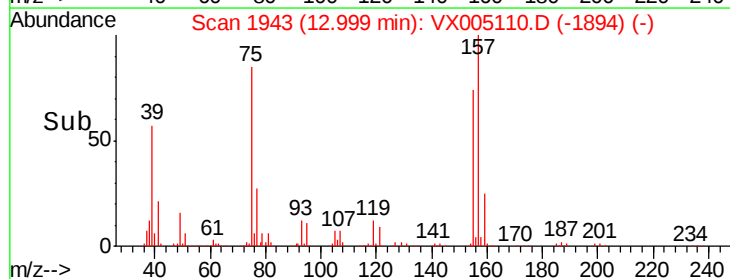
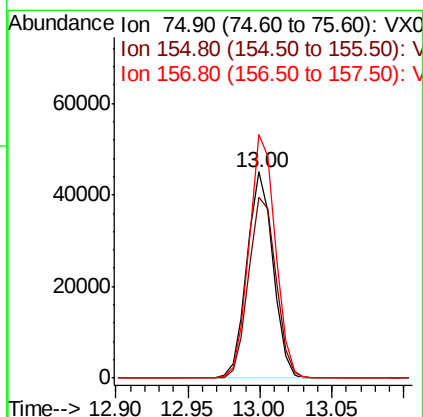
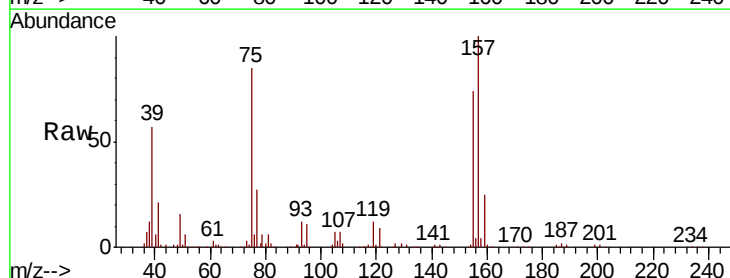
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 322433
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.6 58.7
 148 64.1 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.384 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005110.D
 Acq: 06 Oct 2018 11:46

Tgt Ion: 75 Resp: 55937
 Ion Ratio Lower Upper
 75 100
 155 92.1 46.1 138.3
 157 119.4 60.2 180.6

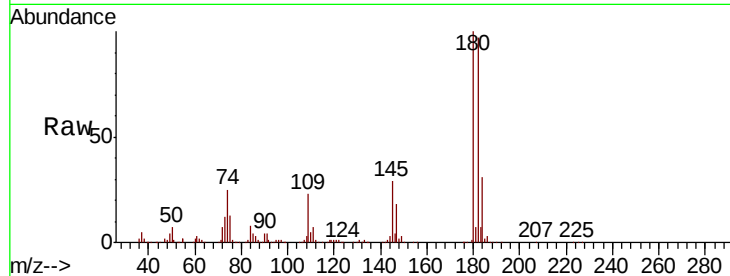




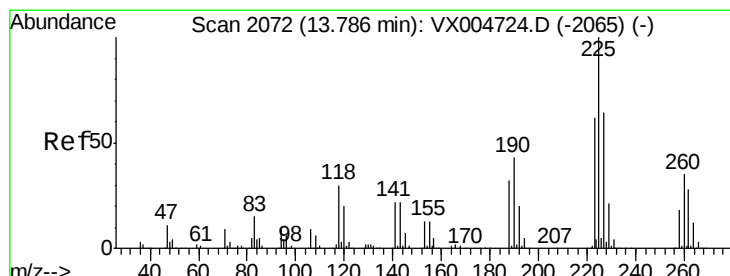
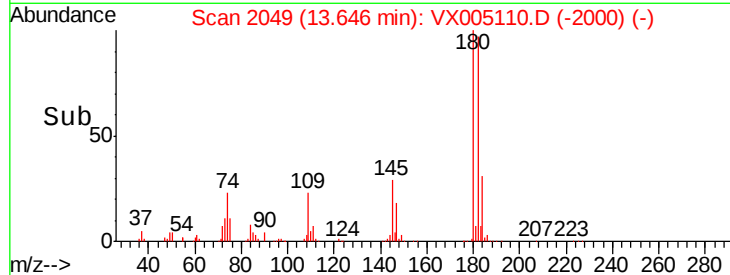
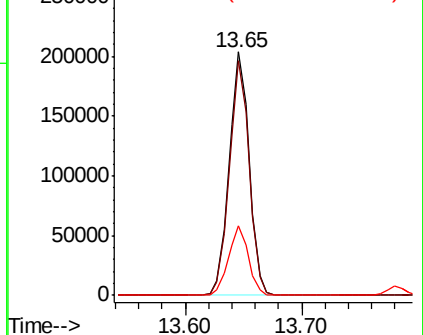
#93
 1,2,4-Trichlorobenzene
 Concen: 53.035 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005110.D
 Acq: 06 Oct 2018 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 242663
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.8 143.4
 145 28.3 14.1 42.4

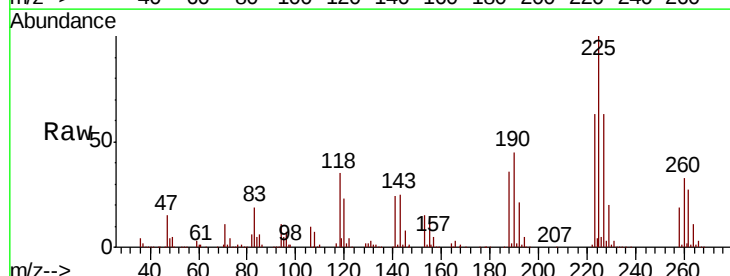


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

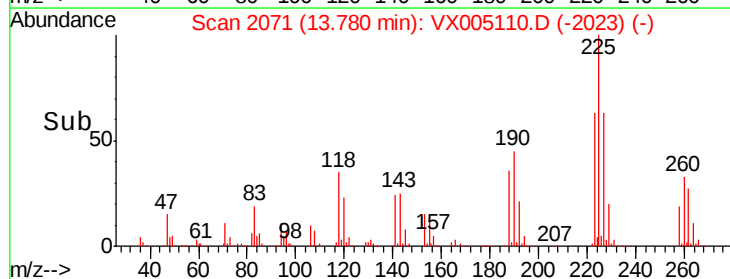
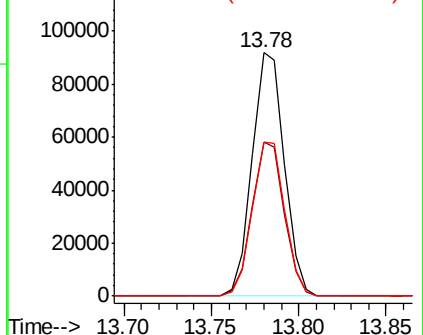


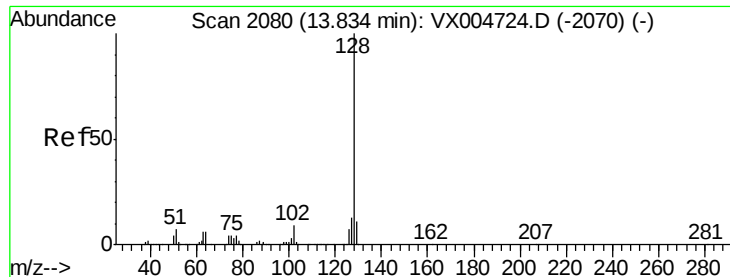
#94
 Hexachlorobutadiene
 Concen: 49.535 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005110.D
 Acq: 06 Oct 2018 11:46

Tgt Ion:225 Resp: 117530
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.3 93.8
 227 63.8 31.9 95.5



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





#95

Naphthalene

Concen: 51.762 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

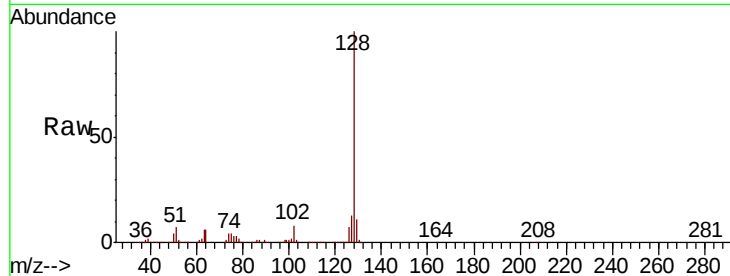
Tot Ion:128 Resp: 786466

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

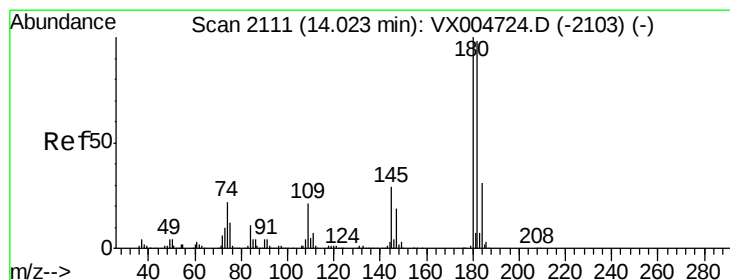
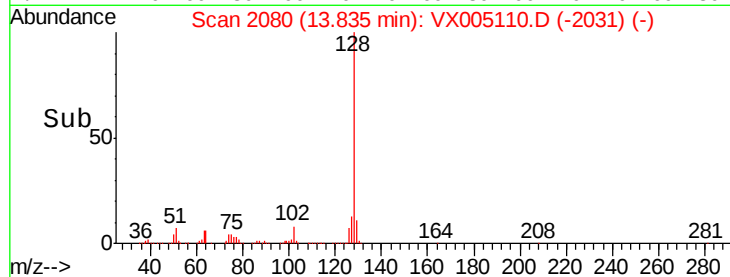
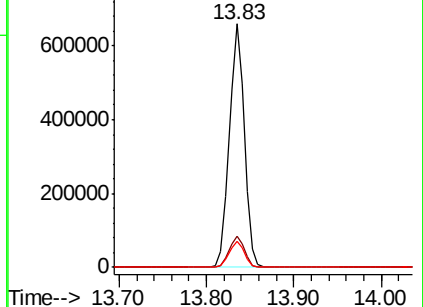
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.634 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX005110.D

Acq: 06 Oct 2018 11:46

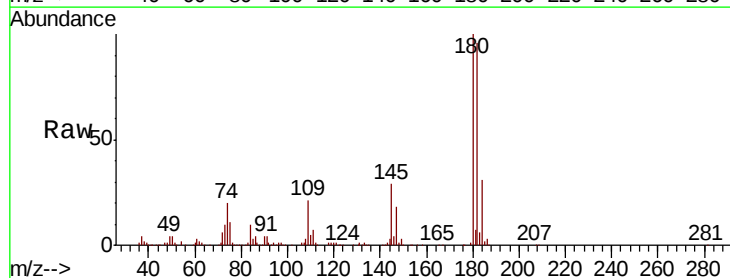
Tgt Ion:180 Resp: 253502

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.8

145 29.9 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

