

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005253.D
 Acq On : 11 Oct 2018 13:54
 Operator : JC/MD
 Sample : VSTDCCC050ECC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 11 14:26:06 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	222832	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	320846	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	305559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173962	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	124897	39.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.48%	
35) Dibromofluoromethane	5.50	113	105889	38.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.88%	
50) Toluene-d8	8.72	98	374857	41.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.94%	
62) 4-Bromofluorobenzene	11.14	95	144665	44.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	157448	51.82	ug/l	98
3) Chloromethane	1.32	50	169911	46.09	ug/l	100
4) Vinyl Chloride	1.40	62	172826	49.99	ug/l	99
5) Bromomethane	1.64	94	72218	35.23	ug/l	95
6) Chloroethane	1.71	64	100398	53.45	ug/l	95
7) Trichlorofluoromethane	1.92	101	229901	53.71	ug/l	95
8) Diethyl Ether	2.19	74	89471	48.12	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	123827	50.79	ug/l	99
10) Methyl Iodide	2.51	142	107836	33.05	ug/l	91
11) Tert butyl alcohol	3.09	59	212772	239.06	ug/l	100
12) 1,1-Dichloroethene	2.37	96	119029	49.30	ug/l	95
13) Acrolein	2.29	56	102126	161.27	ug/l	91
14) Allyl chloride	2.72	41	266555	50.60	ug/l	95
15) Acrylonitrile	3.15	53	493026	251.63	ug/l	96
16) Acetone	2.45	43	433074	233.04	ug/l	94
17) Carbon Disulfide	2.56	76	339403	46.78	ug/l	98
18) Methyl Acetate	2.78	43	261612	55.56	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	442193	53.10	ug/l	96
20) Methylene Chloride	2.85	84	139316	51.59	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	128047	48.45	ug/l	86
22) Diisopropyl ether	3.87	45	454679	51.25	ug/l	99
23) Vinyl Acetate	3.82	43	2162266	266.28	ug/l	97
24) 1,1-Dichloroethane	3.70	63	259454	49.03	ug/l	100
25) 2-Butanone	4.71	43	645240	235.55	ug/l	97
26) 2,2-Dichloropropane	4.58	77	171951	46.66	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	144003	48.77	ug/l	95
28) Bromochloromethane	5.02	49	91505	36.72	ug/l	96
29) Tetrahydrofuran	5.17	42	438950	257.81	ug/l	96
30) Chloroform	5.22	83	237647	47.52	ug/l	99
31) Cyclohexane	5.57	56	206848	51.07	ug/l	# 83
32) 1,1,1-Trichloroethane	5.50	97	207232	50.74	ug/l	97
36) 1,1-Dichloropropene	5.80	75	176340	47.53	ug/l	93
37) Ethyl Acetate	4.87	43	227734	46.24	ug/l	98
38) Carbon Tetrachloride	5.78	117	183002	46.92	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	196947	51.99	ug/l	86
40) Benzene	6.14	78	518703	44.66	ug/l	95
41) Methacrylonitrile	5.06	41	132269	48.43	ug/l	98
42) 1,2-Dichloroethane	6.20	62	188328	45.87	ug/l	98
43) Isopropyl Acetate	6.47	43	336125	47.29	ug/l	96
44) Trichloroethene	7.21	130	138658	48.56	ug/l	94
45) 1,2-Dichloropropane	7.52	63	138172	48.51	ug/l	98
46) Dibromomethane	7.66	93	90802	50.73	ug/l	99
47) Bromodichloromethane	7.90	83	177789	53.05	ug/l	99
48) Methyl methacrylate	7.78	41	180297	55.88	ug/l	100
49) 1,4-Dioxane	7.76	88	72723	907.31	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1212803	270.98	ug/l	99
52) Toluene	8.79	92	329236	51.59	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	198358	52.37	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	213345	53.78	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	138097	49.40	ug/l	96
56) Ethyl methacrylate	9.18	69	216905	47.94	ug/l	97
57) 1,3-Dichloropropane	9.37	76	230125	49.46	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	471293	198.75	ug/l	98
59) 2-Hexanone	9.50	43	960751	257.60	ug/l	95
60) Dibromochloromethane	9.59	129	147394	52.72	ug/l	97
61) 1,2-Dibromoethane	9.68	107	143433	47.91	ug/l	96
64) Tetrachloroethene	9.34	164	136575	45.41	ug/l	95
65) Chlorobenzene	10.14	112	372151	47.50	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	138374	50.23	ug/l	99
67) Ethyl Benzene	10.26	91	635100	51.05	ug/l	96
68) m/p-Xylenes	10.36	106	496082	102.05	ug/l	96
69) o-Xylene	10.70	106	237753	53.25	ug/l	100
70) Styrene	10.71	104	408699	48.99	ug/l	100
71) Bromoform	10.86	173	123098	52.20	ug/l	97
73) Isopropylbenzene	11.02	105	648136	59.11	ug/l	100
74) N-amyl acetate	10.90	43	315782	52.31	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	227058	50.87	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	268347	68.82	ug/l	84
77) Bromobenzene	11.26	156	174895	54.91	ug/l	99
78) n-propylbenzene	11.36	91	752300	59.80	ug/l	99
79) 2-Chlorotoluene	11.42	91	444924	56.74	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	557643	55.51	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	65985	46.31	ug/l	97
82) 4-Chlorotoluene	11.51	91	526322	57.02	ug/l	100
83) tert-Butylbenzene	11.77	119	558256	61.84	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	574273	55.43	ug/l	100
85) sec-Butylbenzene	11.94	105	662280	60.23	ug/l	99
86) p-Isopropyltoluene	12.07	119	600709	60.30	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	323567	54.41	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	329724	53.71	ug/l	100
89) n-Butylbenzene	12.39	91	535879	59.23	ug/l	100
90) Hexachloroethane	12.60	117	99681	60.09	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	328890	52.92	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	57392	58.56	ug/l	98

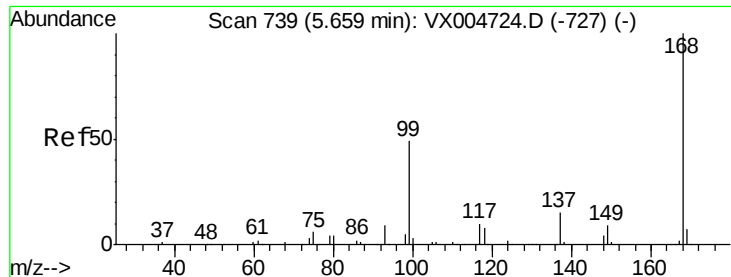
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	252894	58.01	ug/l	100
94) Hexachlorobutadiene	13.79	225	124064	54.88	ug/l	100
95) Naphthalene	13.83	128	795323	54.89	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	260603	57.87	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

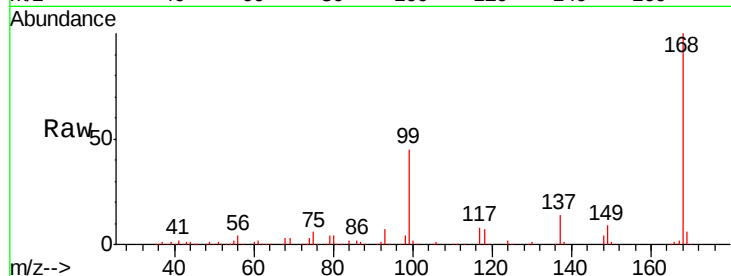
VSTDCCC050EC

Tgt Ion:168 Resp: 222832

Ion Ratio Lower Upper

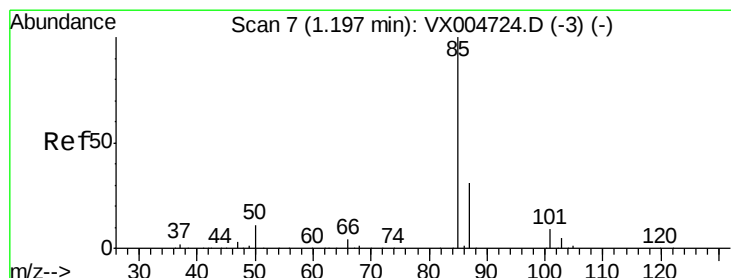
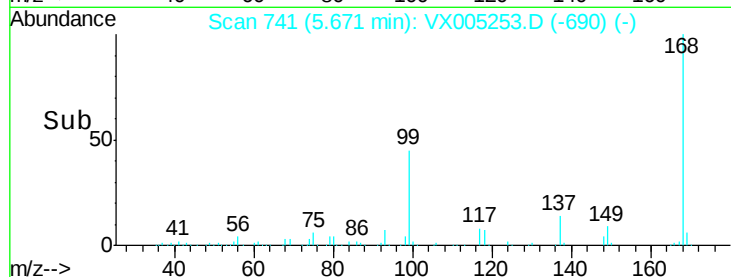
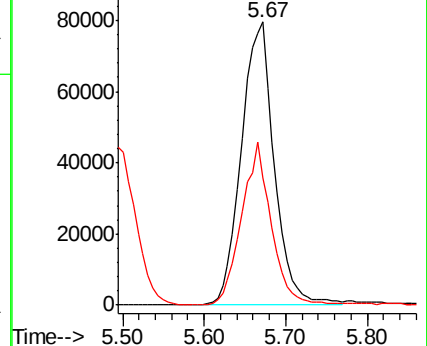
168 100

99 44.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.82 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005253.D

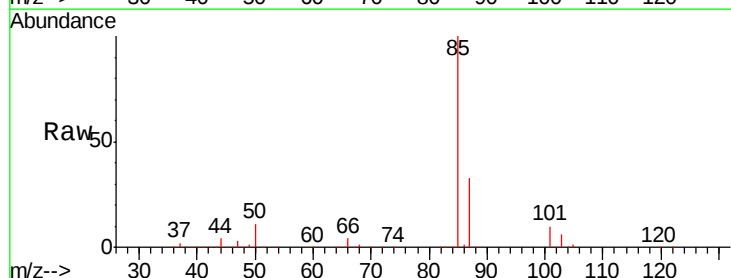
Acq: 11 Oct 2018 13:54

Tgt Ion: 85 Resp: 157448

Ion Ratio Lower Upper

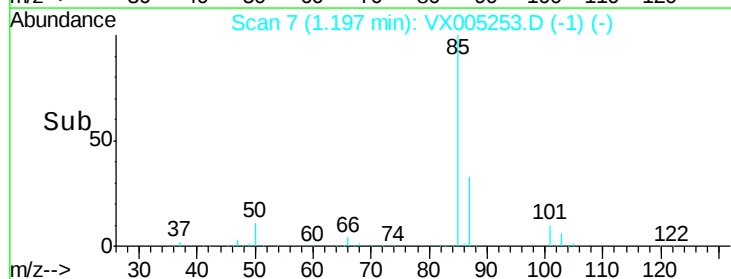
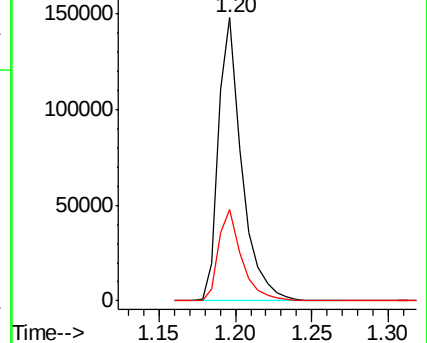
85 100

87 32.5 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

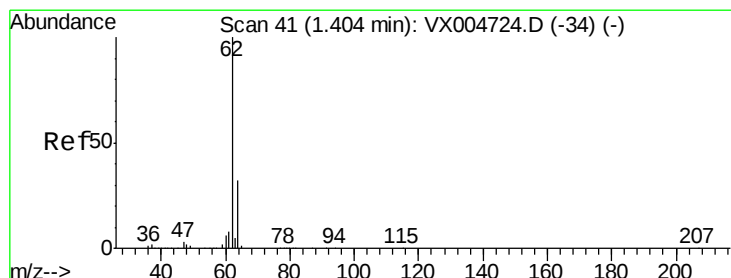
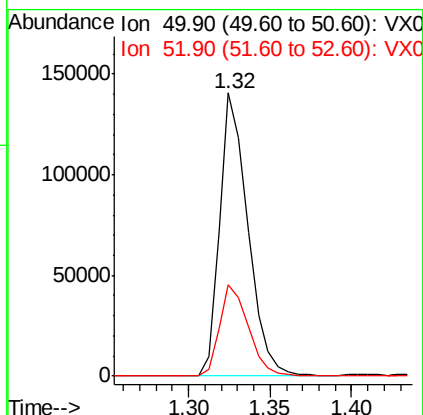
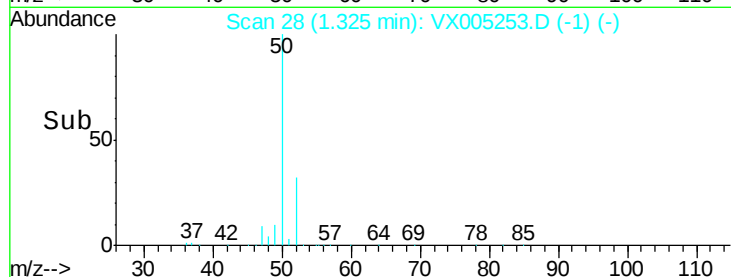
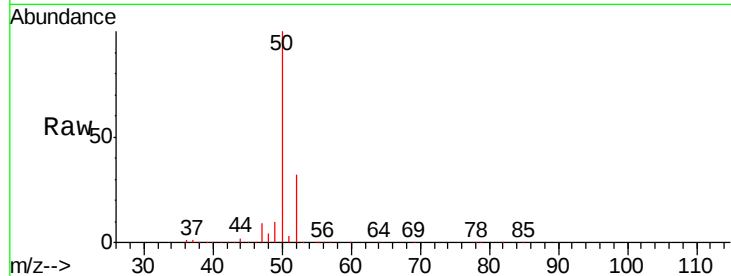




#3
 Chloromethane
 Concen: 46.09 ug/l
 RT: 1.32 min Scan# 28
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

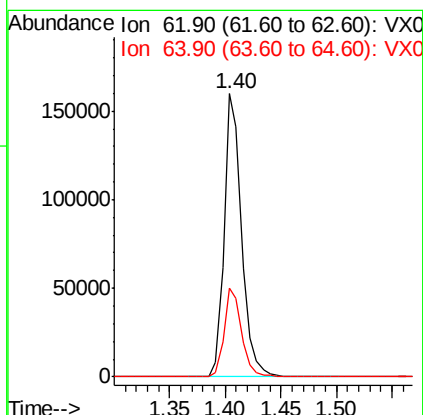
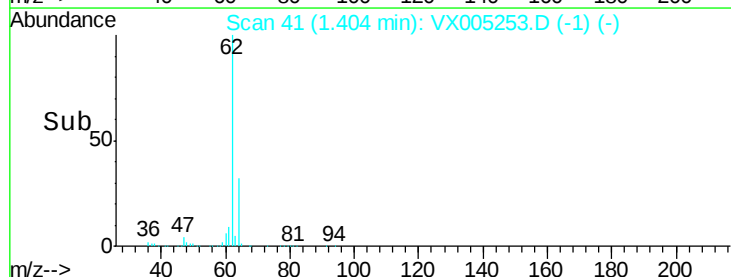
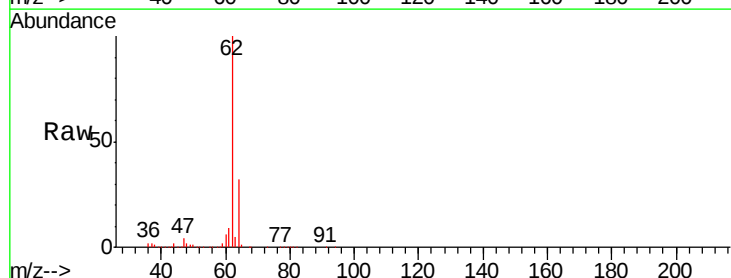
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 50 Resp: 169911
 Ion Ratio Lower Upper
 50 100
 52 32.4 25.8 38.6



#4
 Vinyl Chloride
 Concen: 49.99 ug/l
 RT: 1.40 min Scan# 41
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

Tgt Ion: 62 Resp: 172826
 Ion Ratio Lower Upper
 62 100
 64 31.5 25.5 38.3





#5

Bromomethane

Concen: 35.23 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

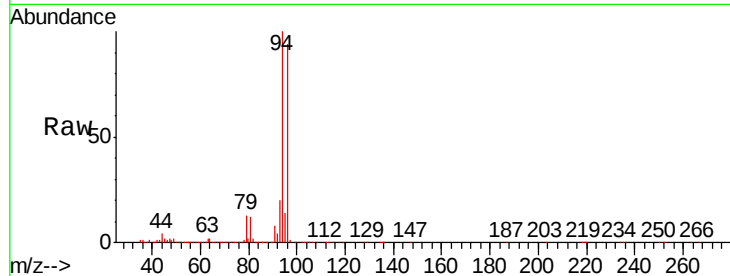
VSTDCCC050EC

Tgt Ion: 94 Resp: 72218

Ion Ratio Lower Upper

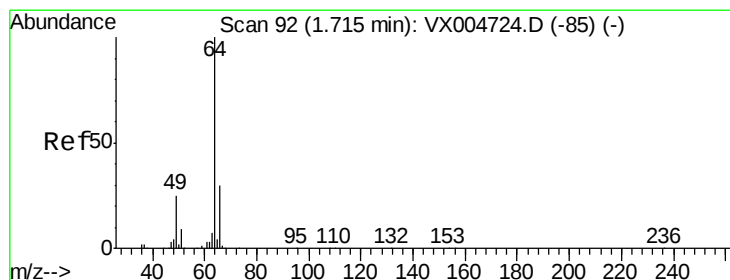
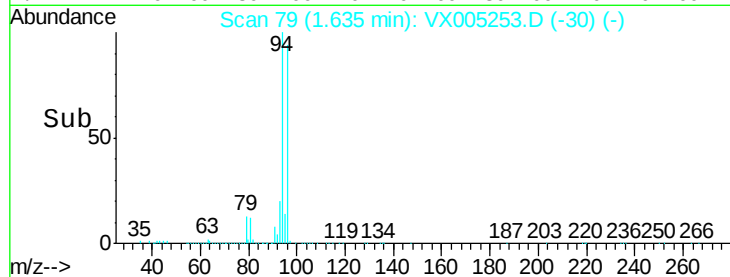
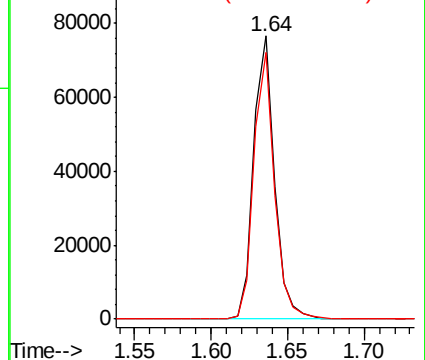
94 100

96 94.3 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: 53.45 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX005253.D

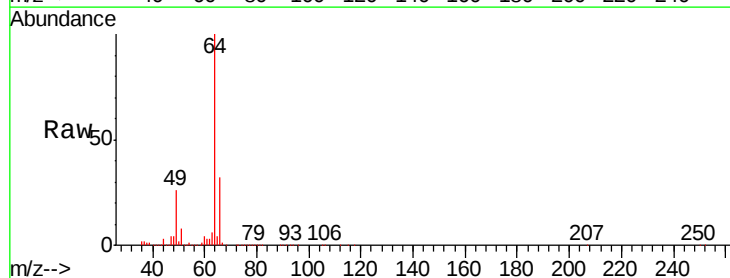
Acq: 11 Oct 2018 13:54

Tgt Ion: 64 Resp: 100398

Ion Ratio Lower Upper

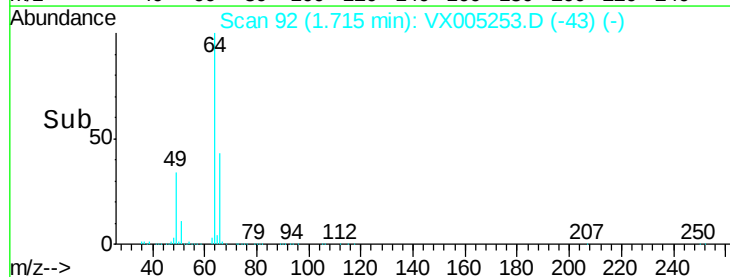
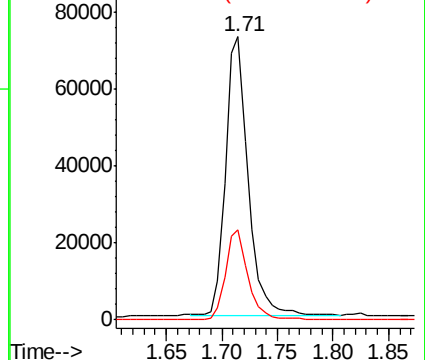
64 100

66 32.4 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



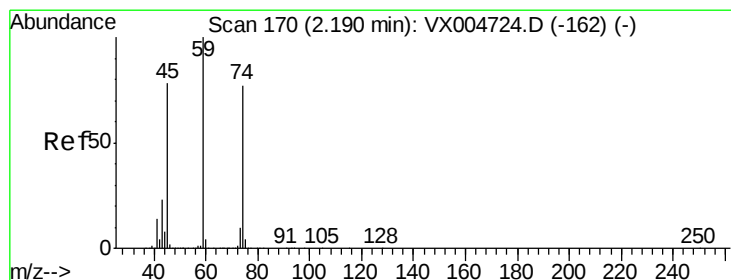
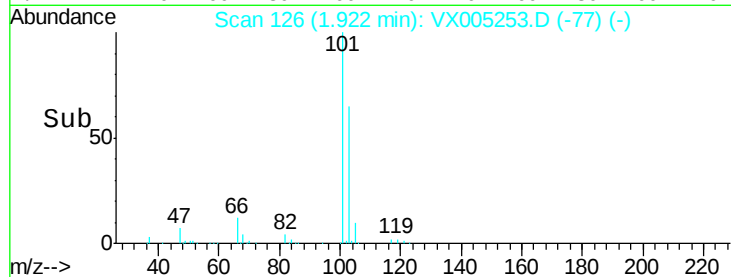
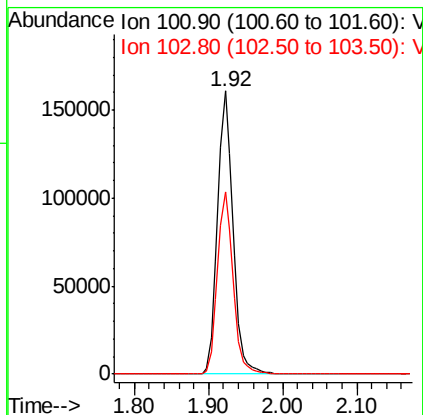
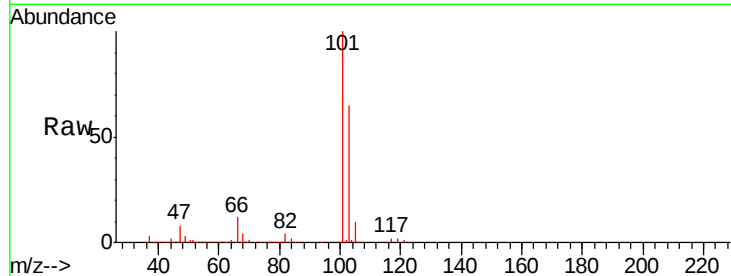


#7

Trichlorofluoromethane
 Concen: 53.71 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

Instrument :
 MSVOA_X
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 VSTDCCC050EC

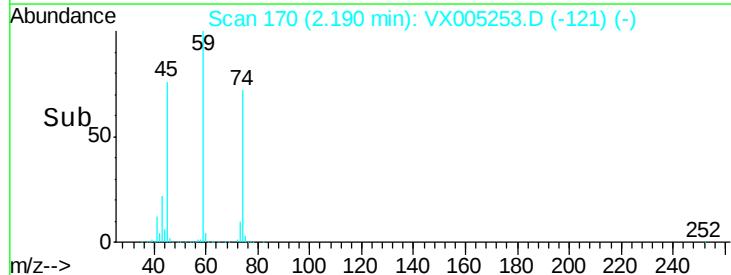
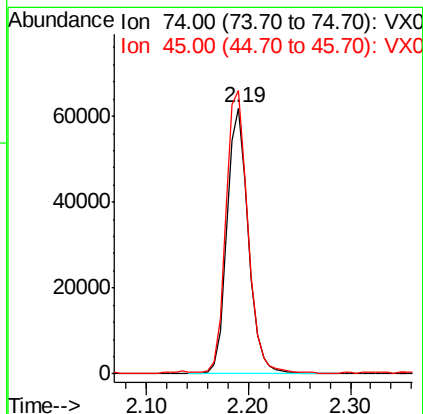
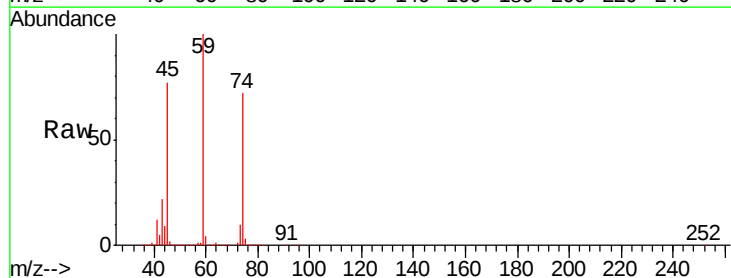
Tgt Ion:101 Resp: 229901
 Ion Ratio Lower Upper
 101 100
 103 64.6 48.4 72.6



#8

Diethyl Ether
 Concen: 48.12 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

Tgt Ion: 74 Resp: 89471
 Ion Ratio Lower Upper
 74 100
 45 108.7 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.79 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

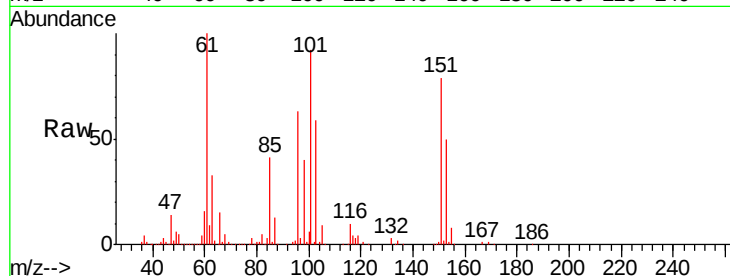
Tgt Ion:101 Resp: 123827

Ion Ratio Lower Upper

101 100

85 44.6 35.9 53.9

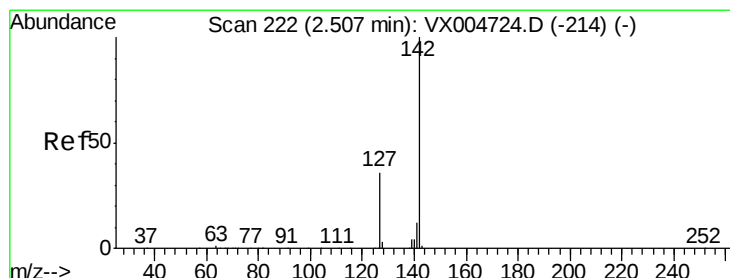
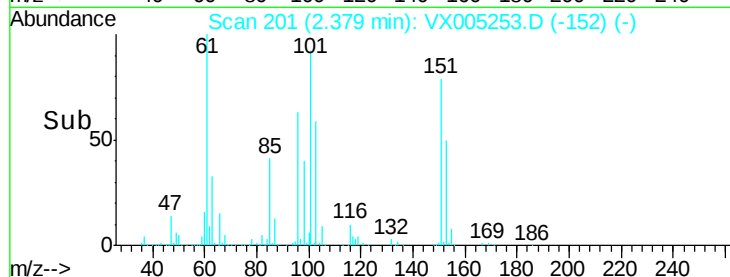
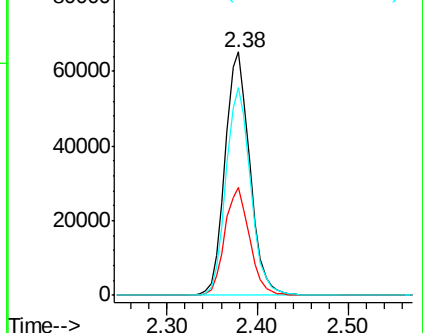
151 85.1 66.6 100.0



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: 33.05 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

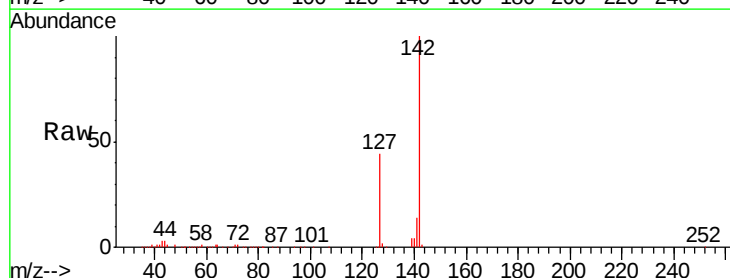
Tgt Ion:142 Resp: 107836

Ion Ratio Lower Upper

142 100

127 44.1 30.1 45.1

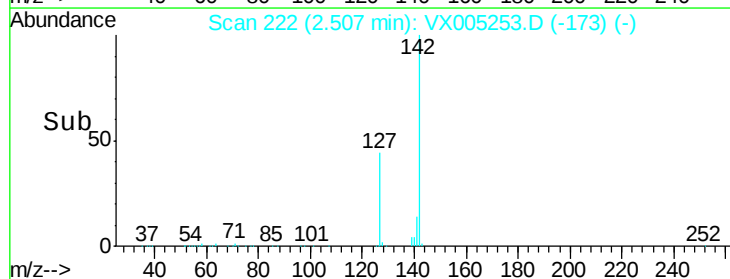
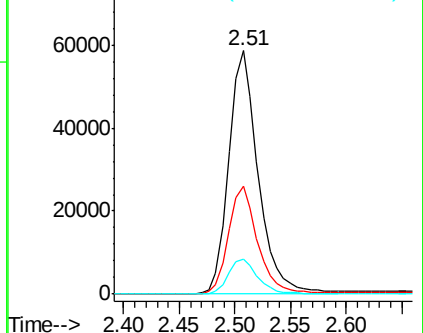
141 14.4 10.1 15.1

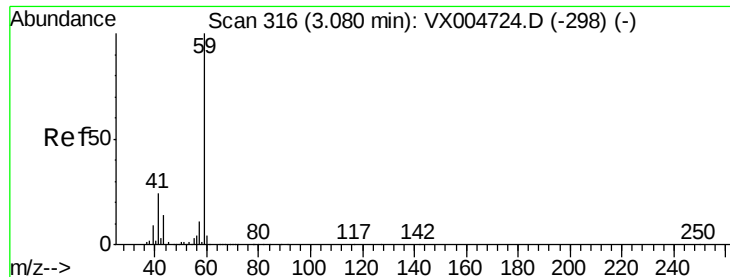


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

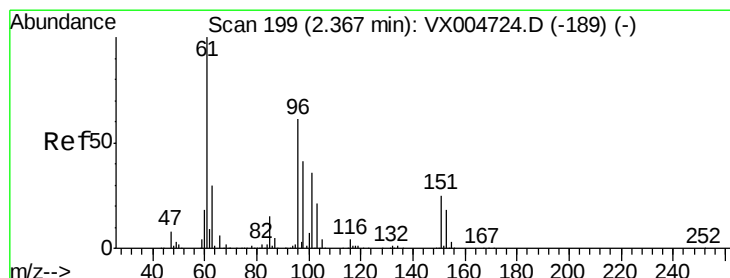
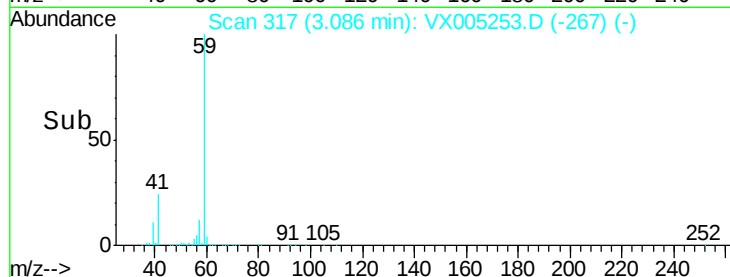
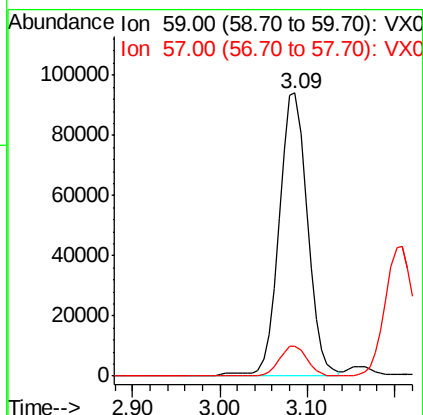
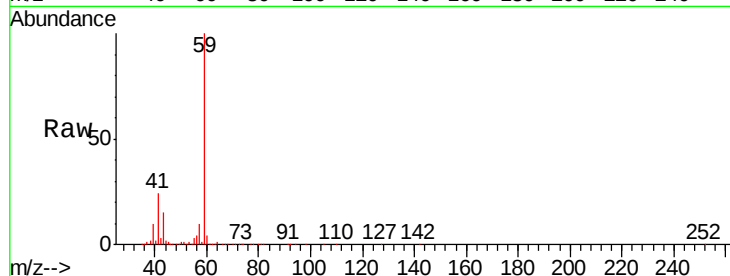




#11
Tert butyl alcohol
Concen: 239.06 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

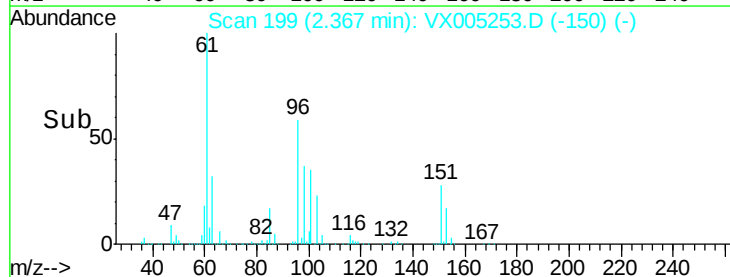
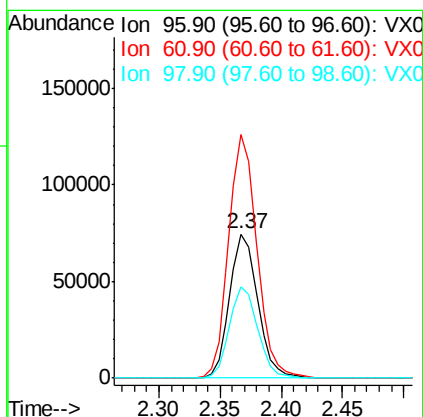
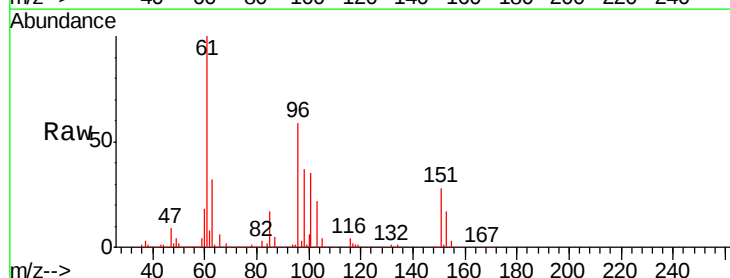
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 212772
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8



#12
1,1-Dichloroethene
Concen: 49.30 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Tgt Ion: 96 Resp: 119029
Ion Ratio Lower Upper
96 100
61 168.8 130.2 195.4
98 63.0 53.4 80.0





#13

Acrolein

Concen: 161.27 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

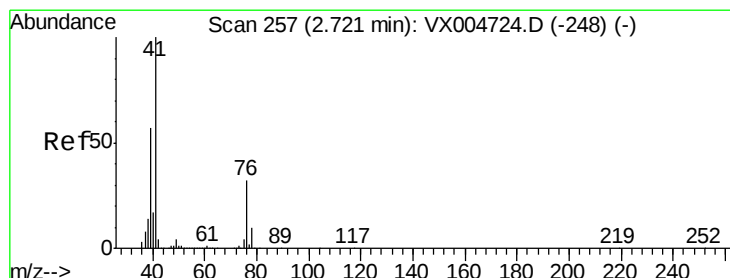
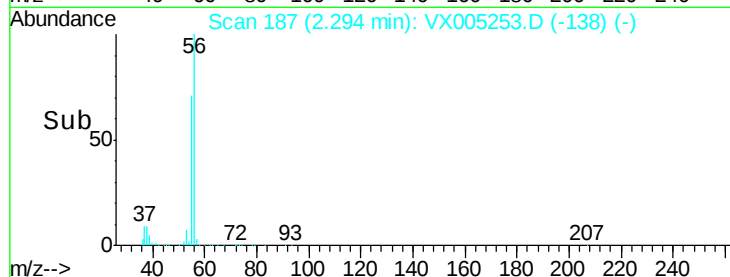
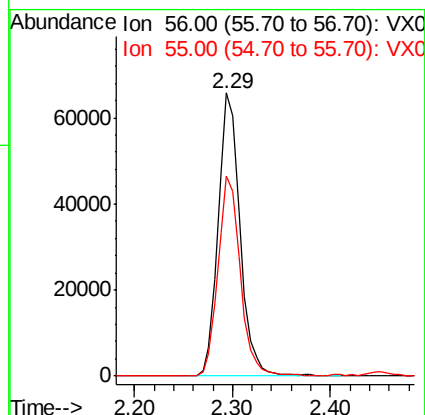
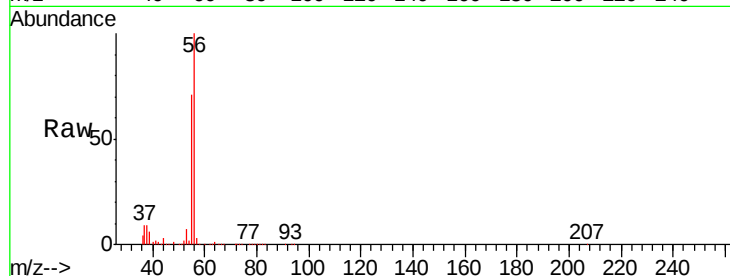
VSTDCCC050EC

Tgt Ion: 56 Resp: 102126

Ion Ratio Lower Upper

56 100

55 71.6 63.4 95.2



#14

Allyl chloride

Concen: 50.60 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

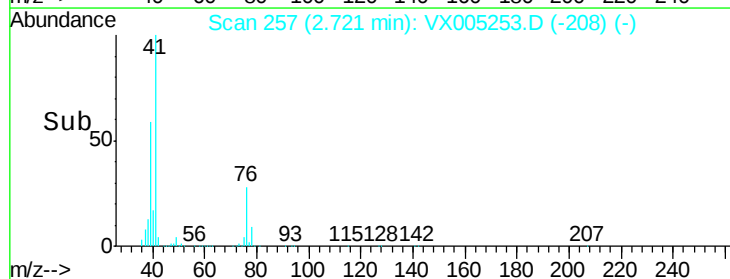
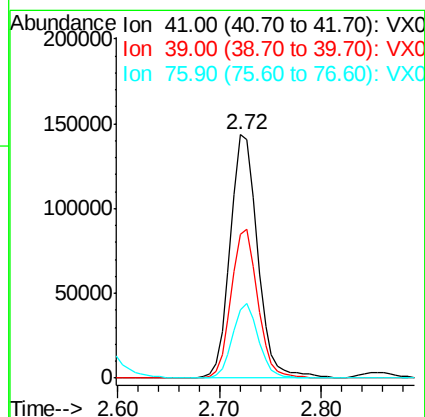
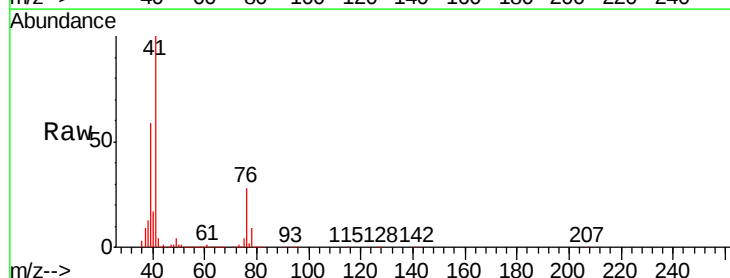
Tgt Ion: 41 Resp: 266555

Ion Ratio Lower Upper

41 100

39 59.1 44.1 66.1

76 28.9 25.0 37.4





#15

Acrylonitrile

Concen: 251.63 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

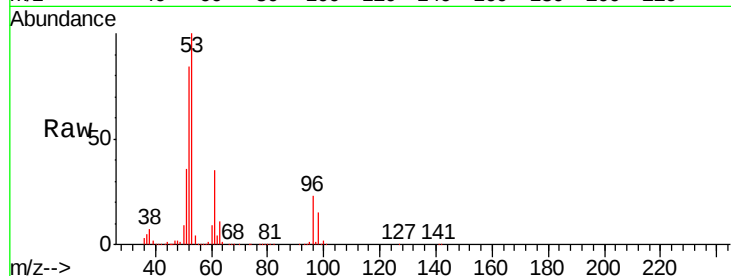
Tgt Ion: 53 Resp: 493026

Ion Ratio Lower Upper

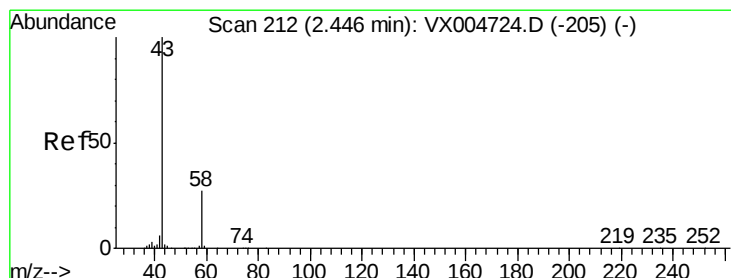
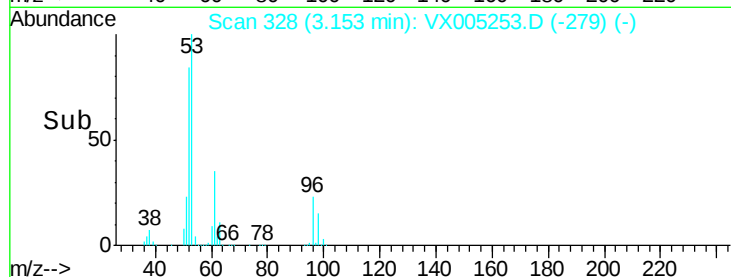
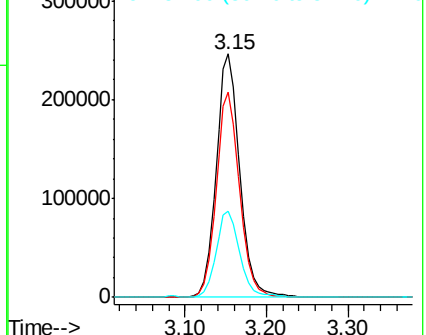
53 100

52 83.5 63.0 94.4

51 35.8 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: 233.04 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX005253.D

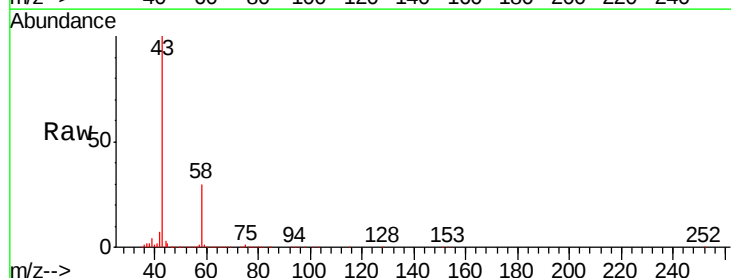
Acq: 11 Oct 2018 13:54

Tgt Ion: 43 Resp: 433074

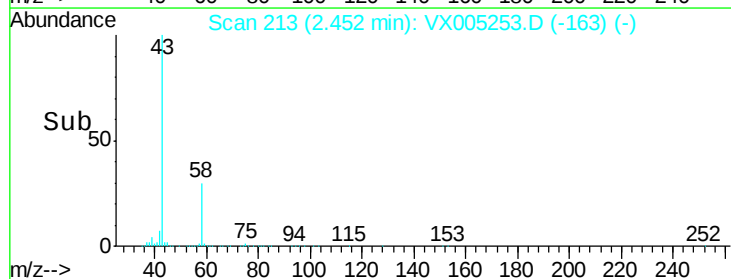
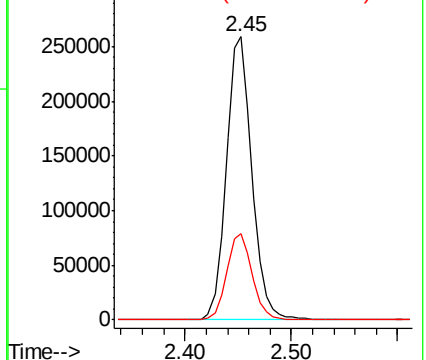
Ion Ratio Lower Upper

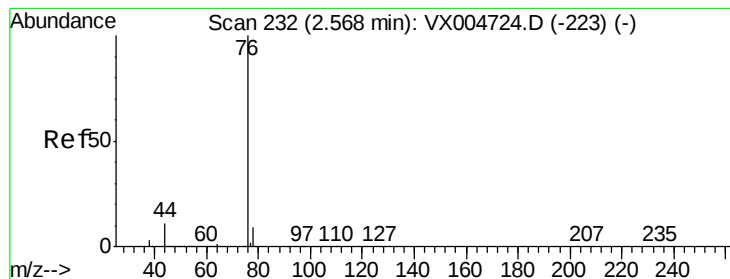
43 100

58 30.4 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: 46.78 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

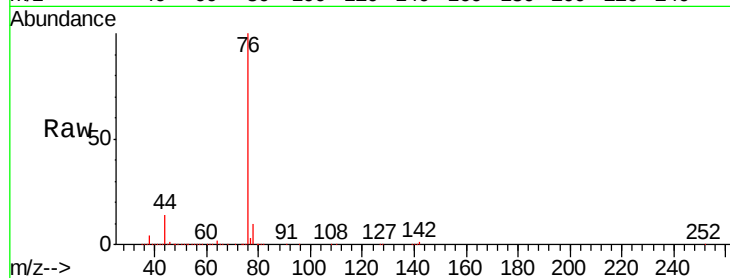
VSTDCCC050EC

Tgt Ion: 76 Resp: 339403

Ion Ratio Lower Upper

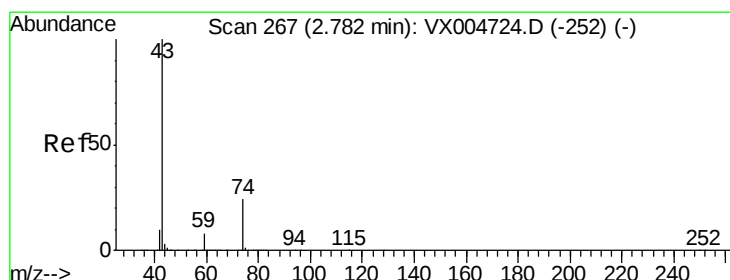
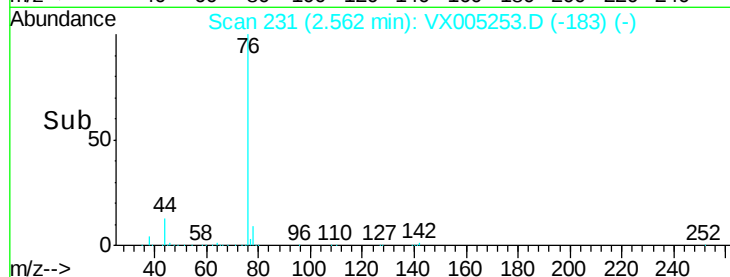
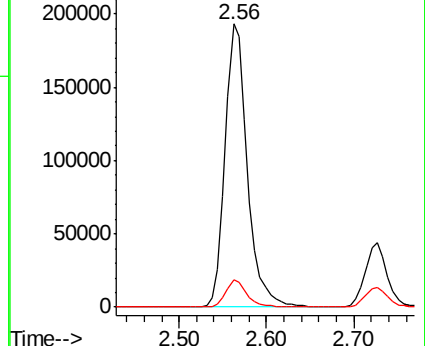
76 100

78 9.5 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: 55.56 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005253.D

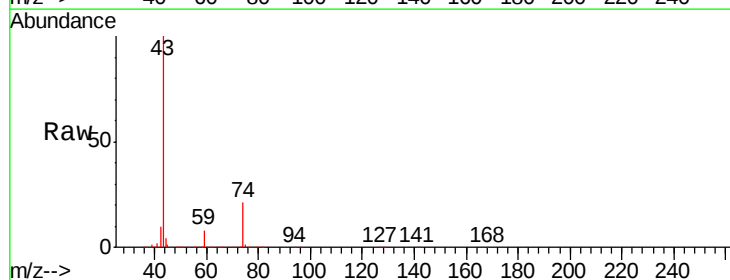
Acq: 11 Oct 2018 13:54

Tgt Ion: 43 Resp: 261612

Ion Ratio Lower Upper

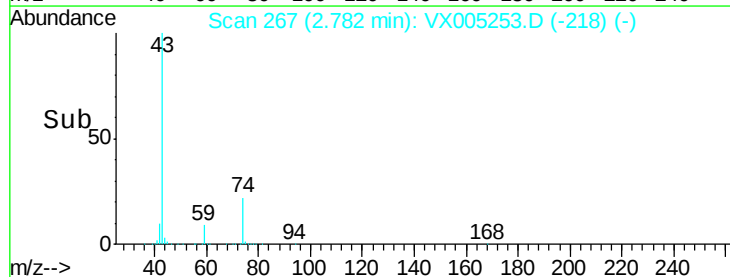
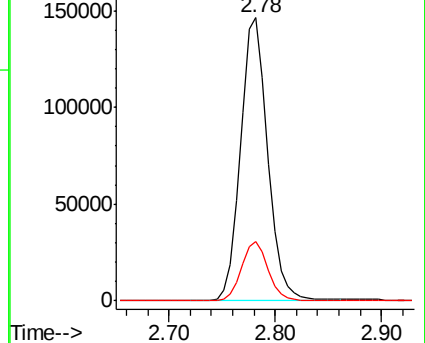
43 100

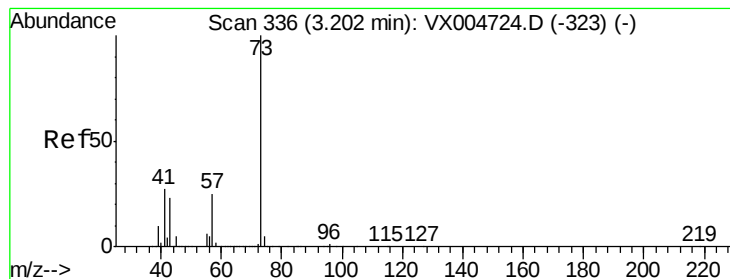
74 20.4 17.8 26.8



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: 53.10 ug/l

RT: 3.21 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

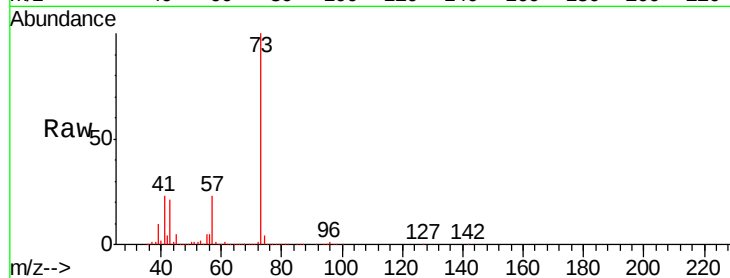
VSTDCCC050EC

Tgt Ion: 73 Resp: 442193

Ion Ratio Lower Upper

73 100

57 22.8 19.9 29.9



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

200000

150000

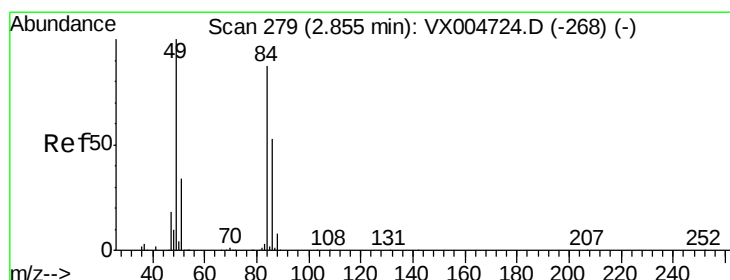
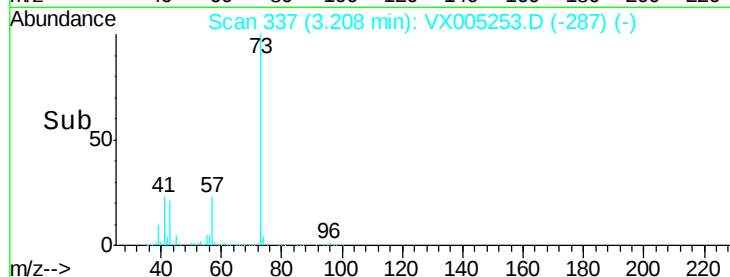
100000

50000

0

Time-->

3.10 3.20 3.30 3.40



#20

Methylene Chloride

Concen: 51.59 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Tgt Ion: 84 Resp: 139316

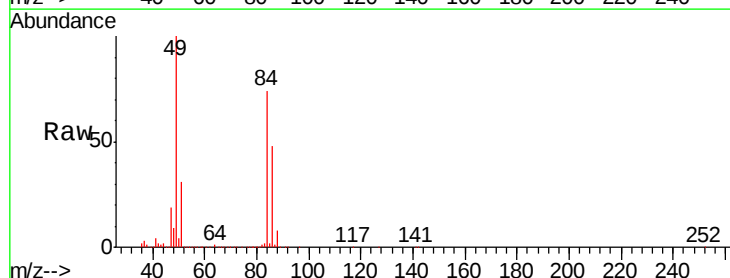
Ion Ratio Lower Upper

84 100

49 134.5 92.3 138.5

51 41.8 31.8 47.6

86 64.5 48.5 72.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

150000

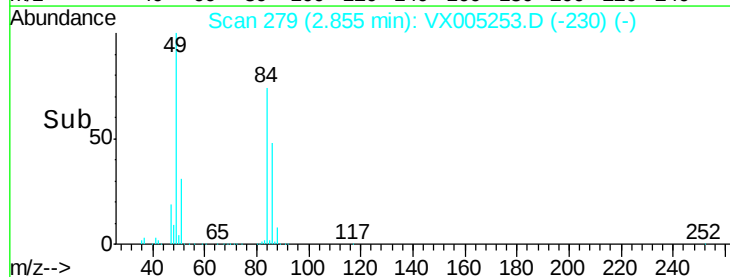
100000

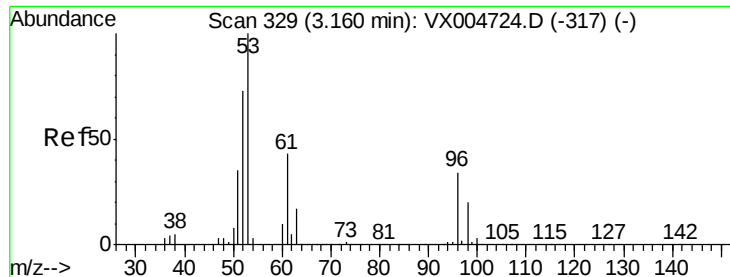
50000

0

Time-->

2.80 2.90 3.00





#21

trans-1,2-Dichloroethene

Concen: 48.45 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

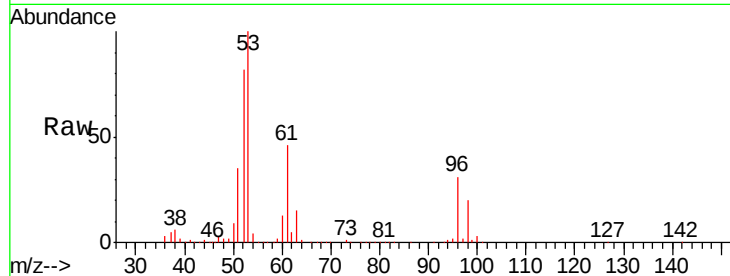
Tgt Ion: 96 Resp: 128047

Ion Ratio Lower Upper

96 100

61 146.7 101.0 151.6

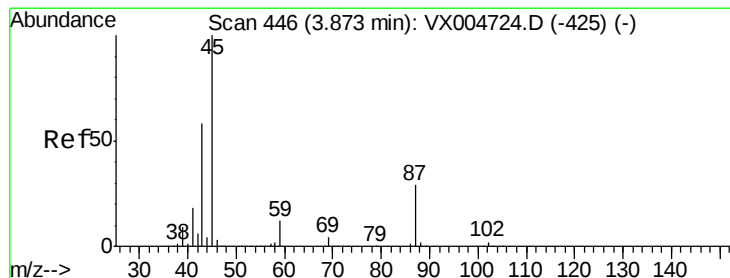
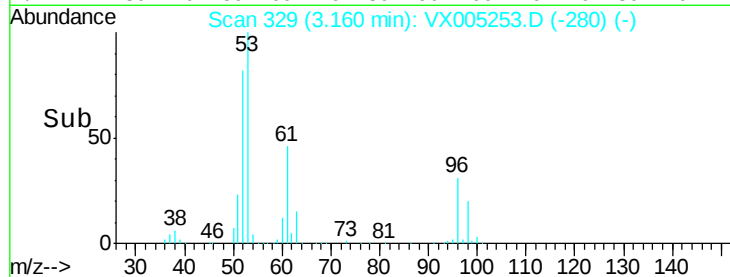
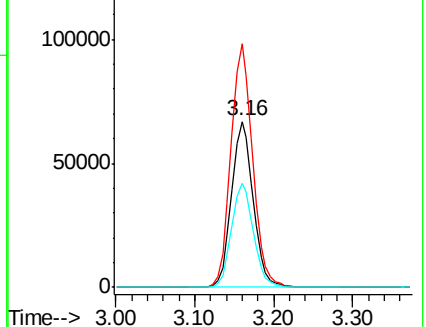
98 62.8 47.2 70.8



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: 51.25 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Tgt Ion: 45 Resp: 454679

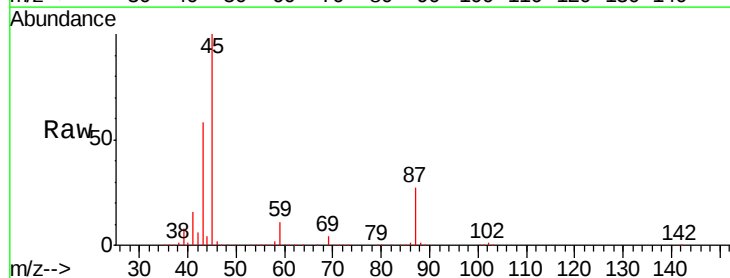
Ion Ratio Lower Upper

45 100

43 58.3 46.7 70.1

87 27.1 22.9 34.3

59 11.1 9.3 13.9

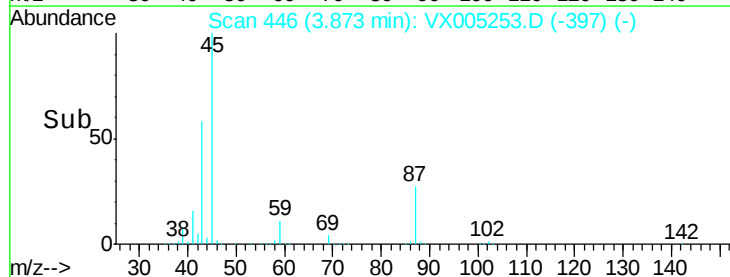
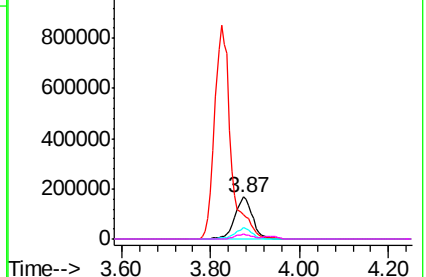


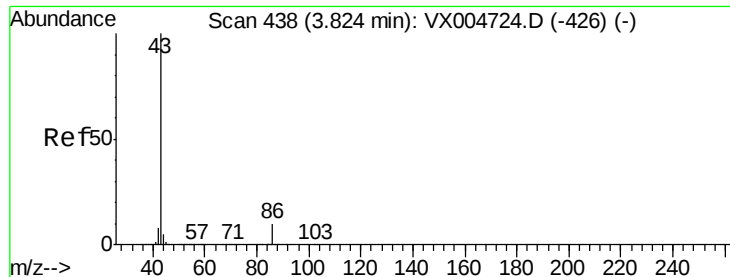
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 266.28 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

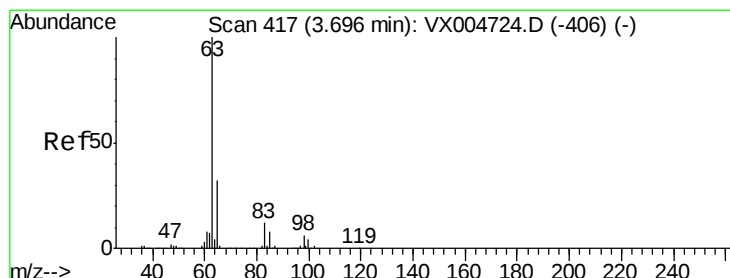
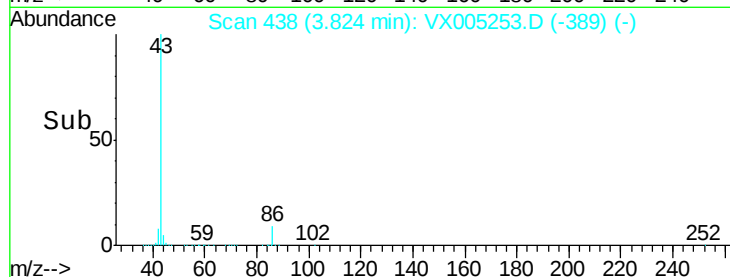
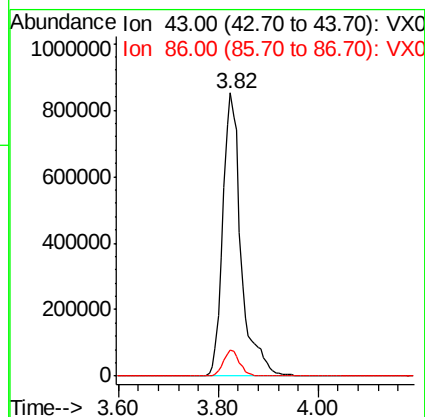
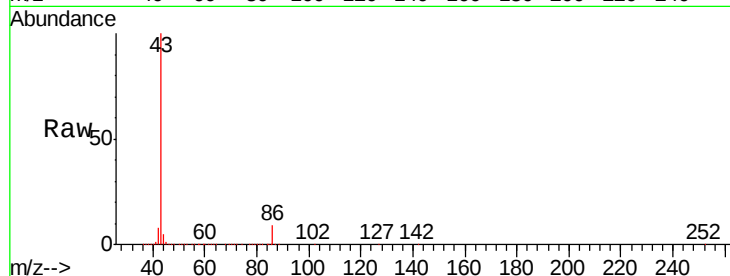
VSTDCCC050EC

Tgt Ion: 43 Resp: 2162266

Ion Ratio Lower Upper

43 100

86 9.2 8.1 12.1



#24

1,1-Dichloroethane

Concen: 49.03 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

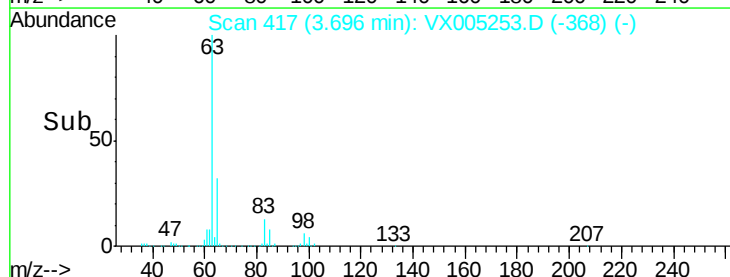
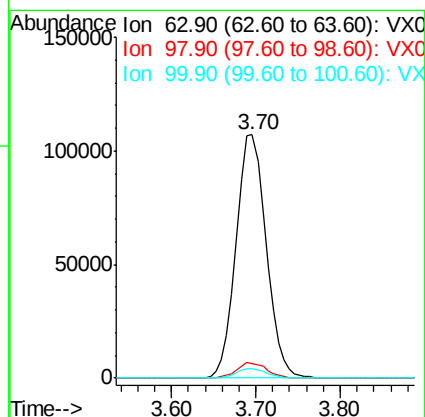
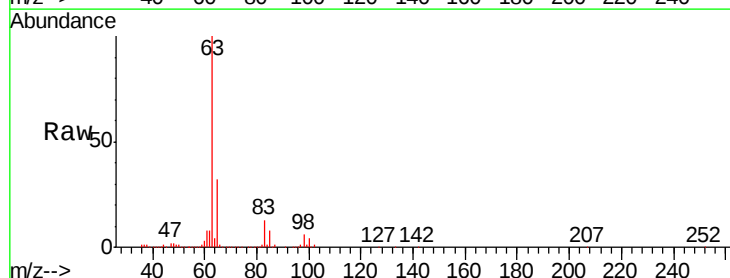
Tgt Ion: 63 Resp: 259454

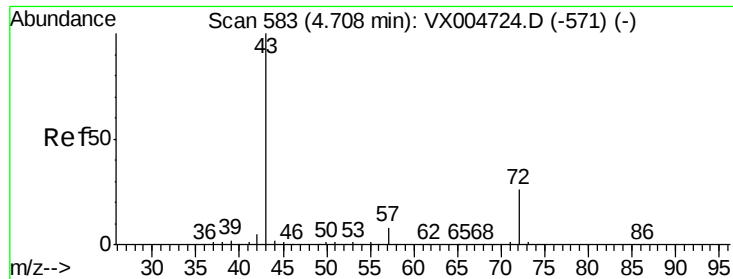
Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

100 4.1 2.0 5.8





#25

2-Butanone

Concen: 235.55 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

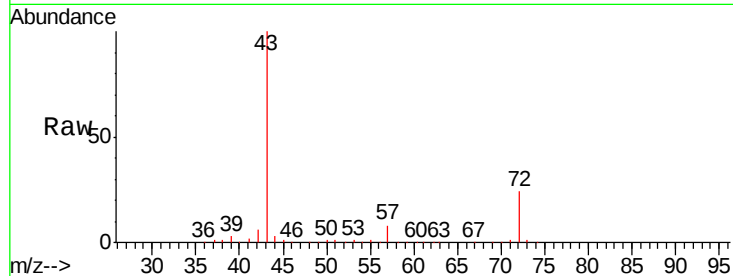
VSTDCCC050EC

Tgt Ion: 43 Resp: 645240

Ion Ratio Lower Upper

43 100

72 24.3 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

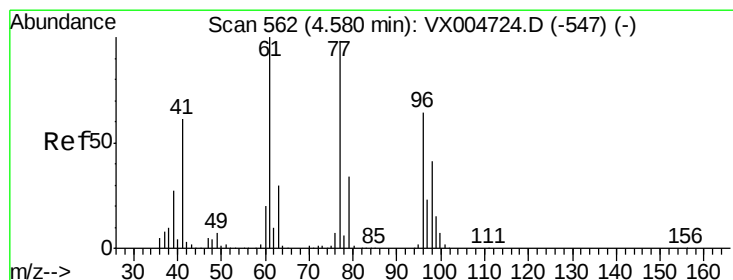
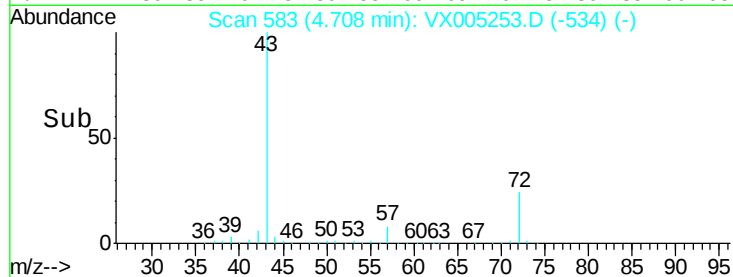
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 46.66 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005253.D

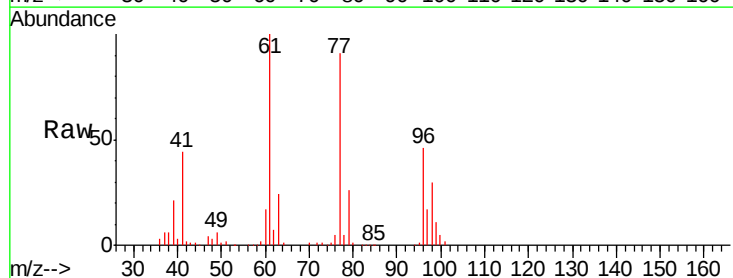
Acq: 11 Oct 2018 13:54

Tgt Ion: 77 Resp: 171951

Ion Ratio Lower Upper

77 100

97 23.4 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

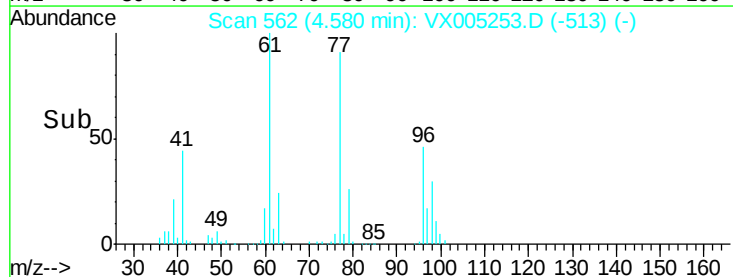
40000

20000

0

4.40 4.50 4.60 4.70 4.80

Time-->





#27

cis-1,2-Dichloroethene

Concen: 48.77 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

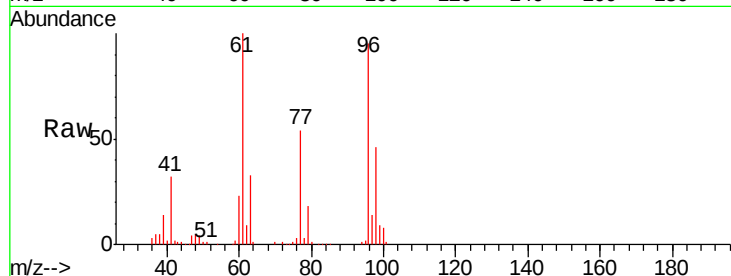
Tgt Ion: 96 Resp: 144003

Ion Ratio Lower Upper

96 100

61 149.1 0.0 285.8

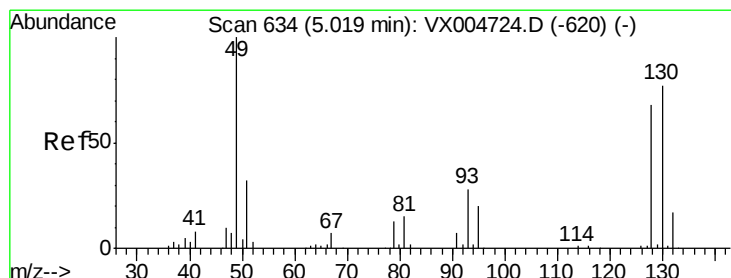
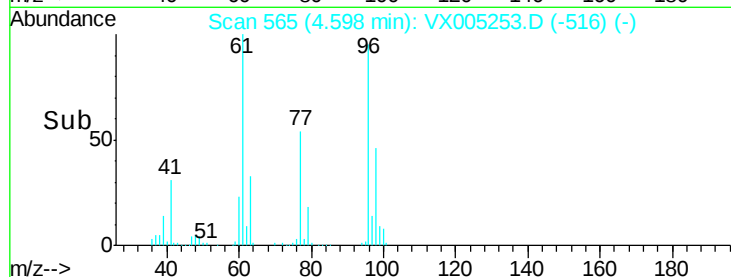
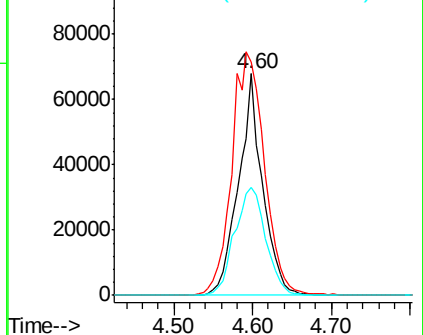
98 63.1 0.0 136.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 36.72 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

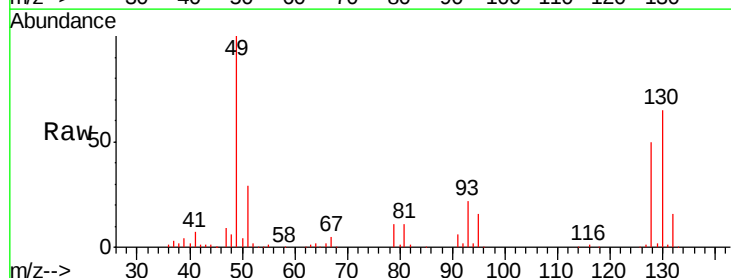
Tgt Ion: 49 Resp: 91505

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

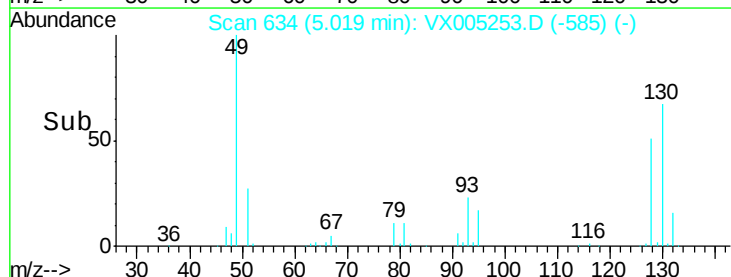
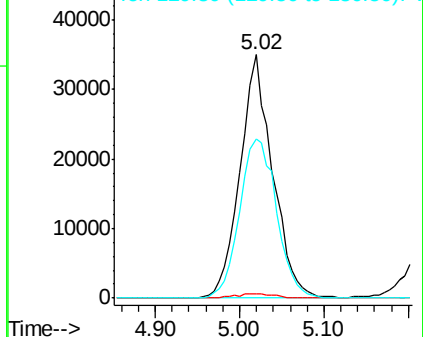
130 74.2 62.0 93.0

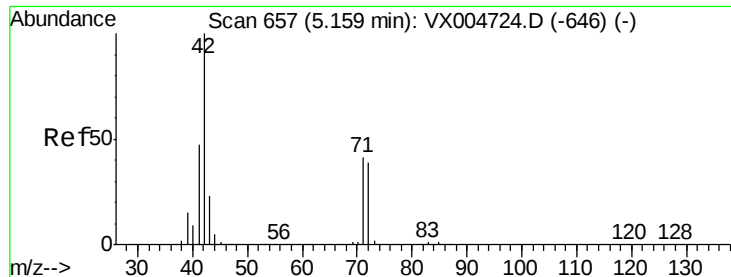


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 257.81 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

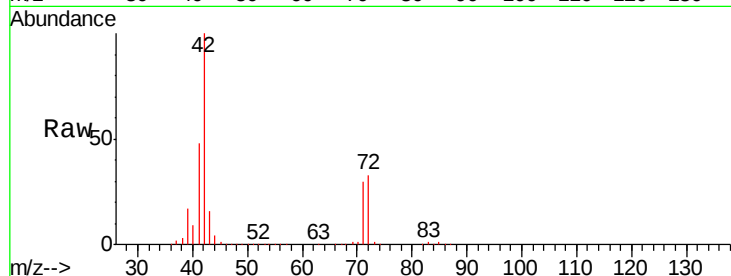
Tgt Ion: 42 Resp: 438950

Ion Ratio Lower Upper

42 100

72 39.7 33.7 50.5

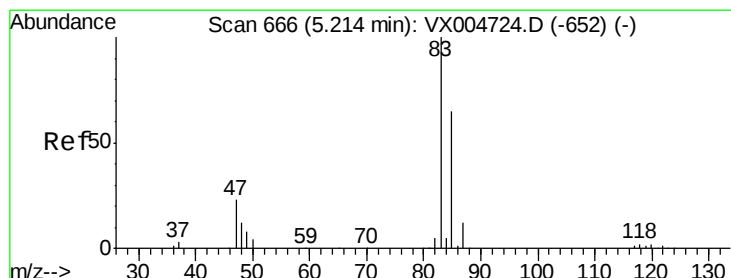
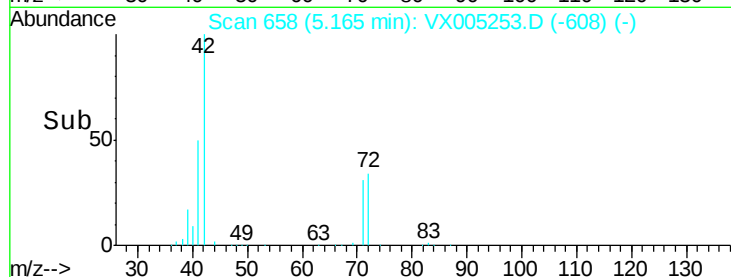
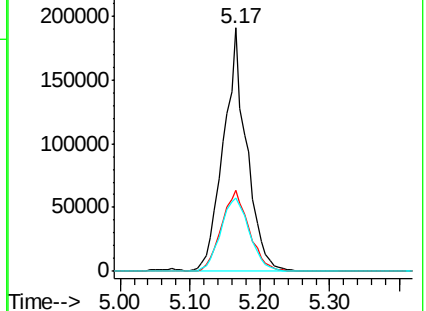
71 37.3 32.2 48.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 47.52 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX005253.D

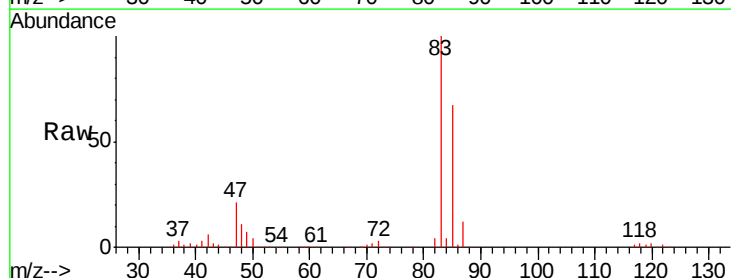
Acq: 11 Oct 2018 13:54

Tgt Ion: 83 Resp: 237647

Ion Ratio Lower Upper

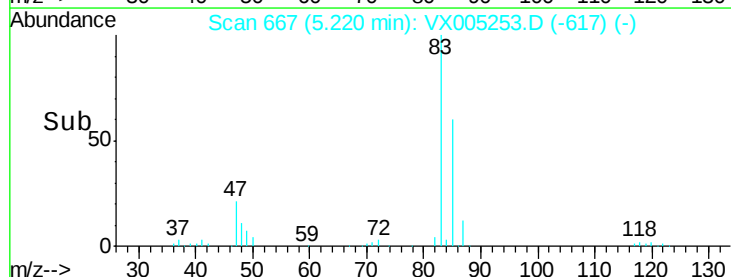
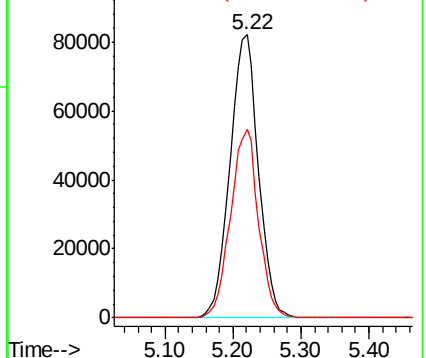
83 100

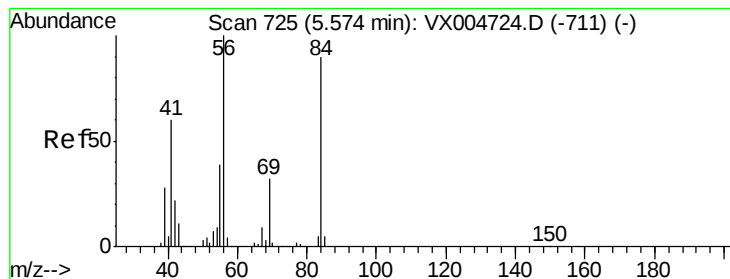
85 66.5 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 51.07 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

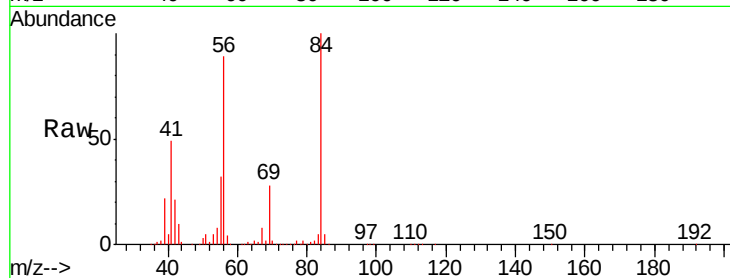
Tgt Ion: 56 Resp: 206848

Ion Ratio Lower Upper

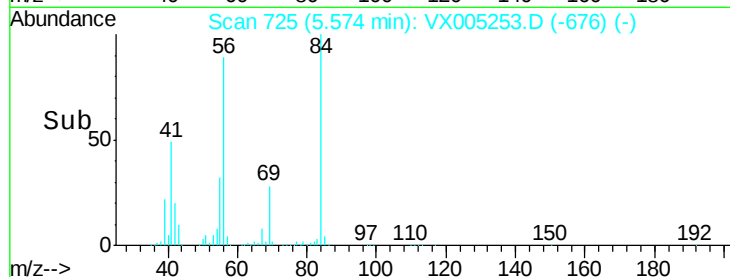
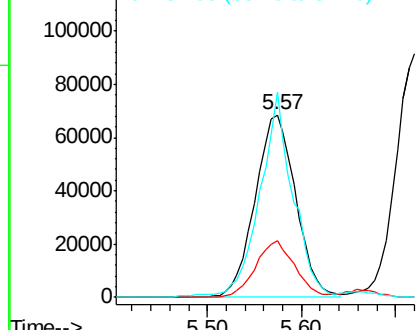
56 100

69 31.1 25.9 38.9

84 110.8 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: 50.74 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

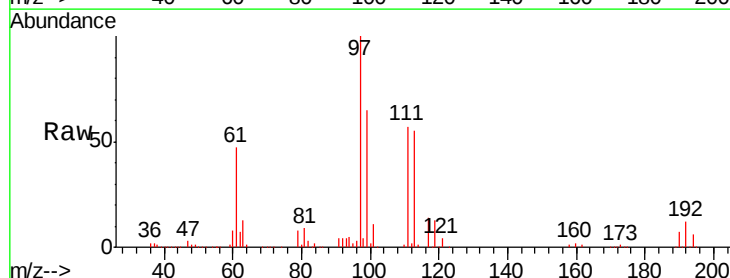
Tgt Ion: 97 Resp: 207232

Ion Ratio Lower Upper

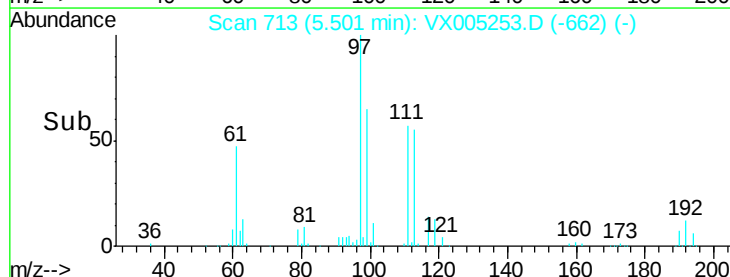
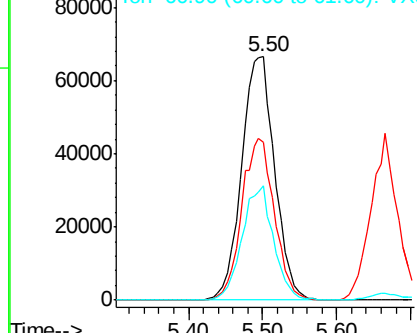
97 100

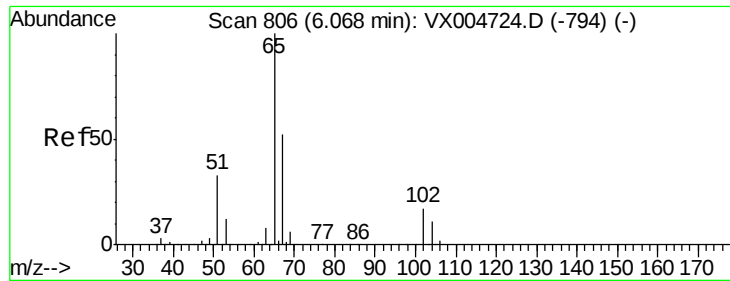
99 65.4 54.6 82.0

61 44.8 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

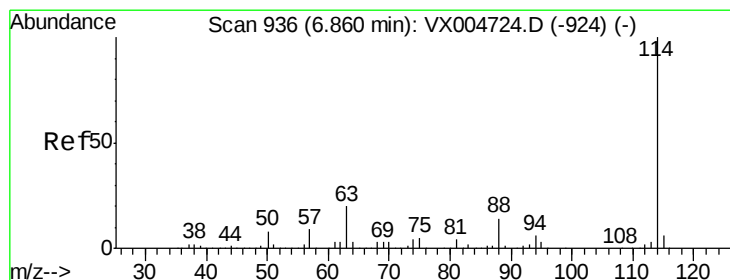
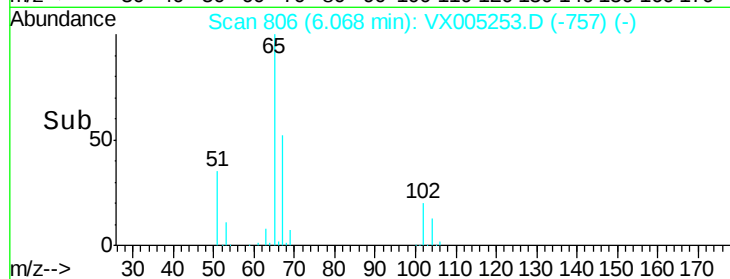
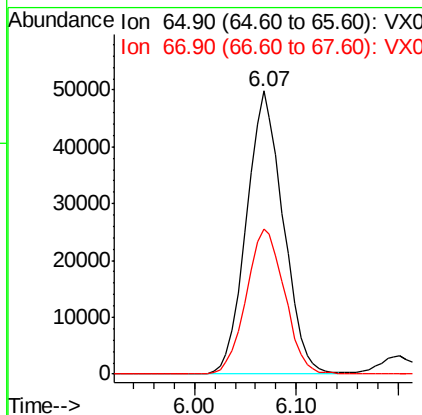
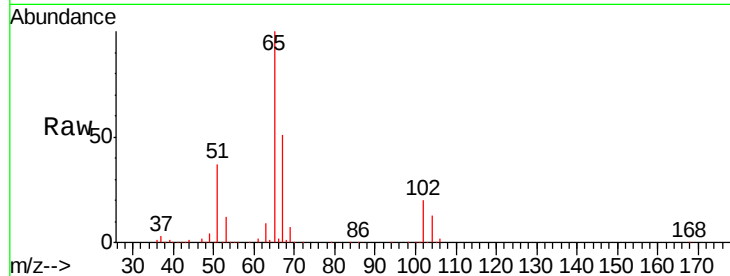




#33
 1,2-Dichloroethane-d4
 Concen: 39.24 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

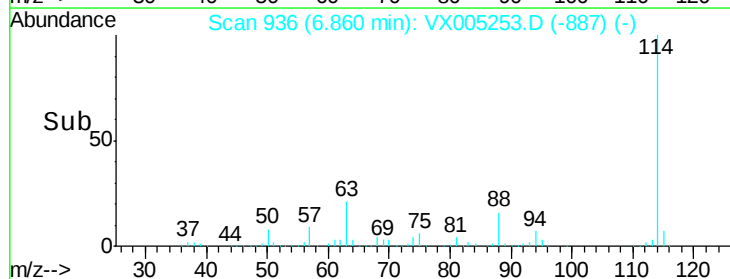
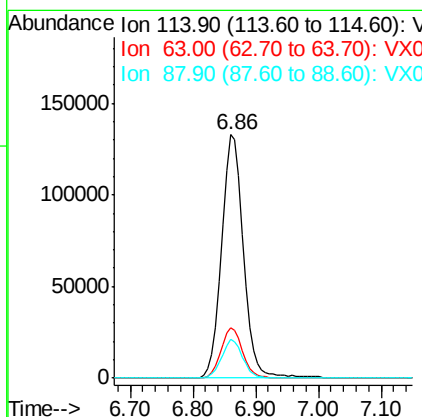
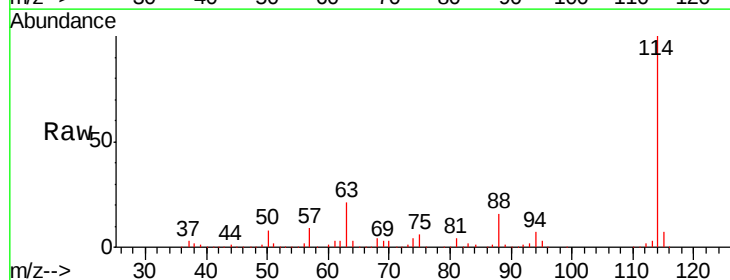
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

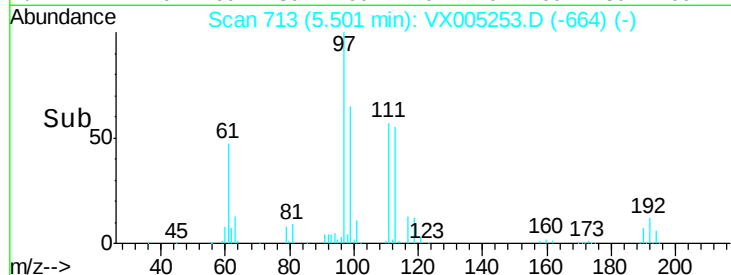
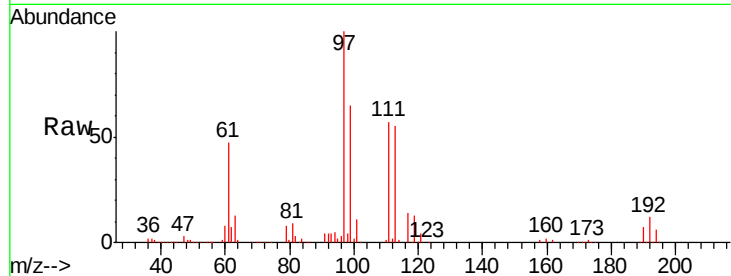
Tgt Ion: 65 Resp: 124897
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

Tgt Ion: 114 Resp: 320846
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.8
 88 15.7 0.0 27.0

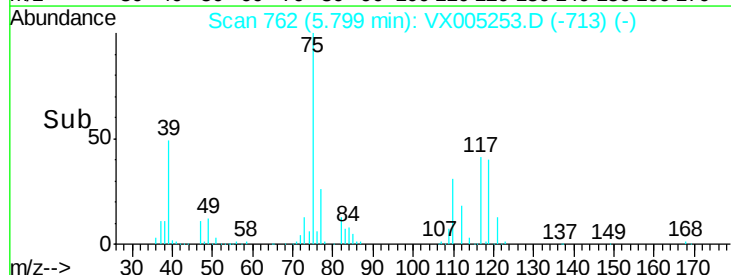
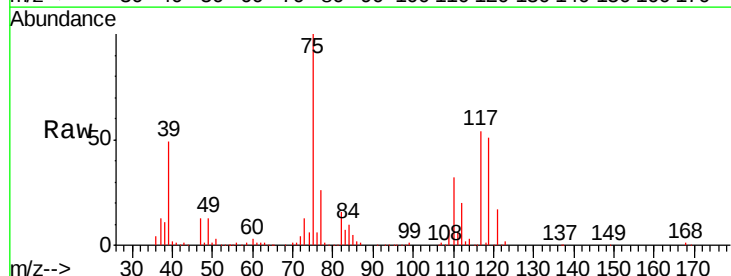
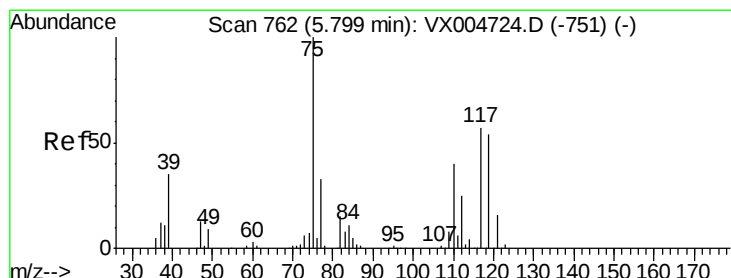
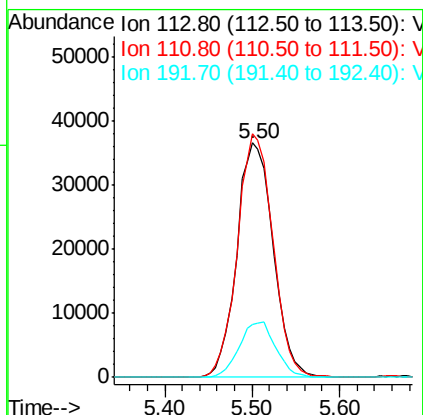




#35
Dibromofluoromethane
Concen: 38.94 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

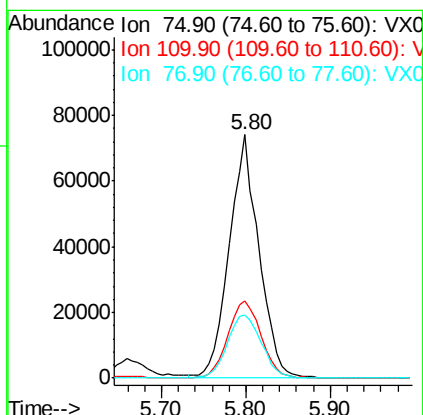
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

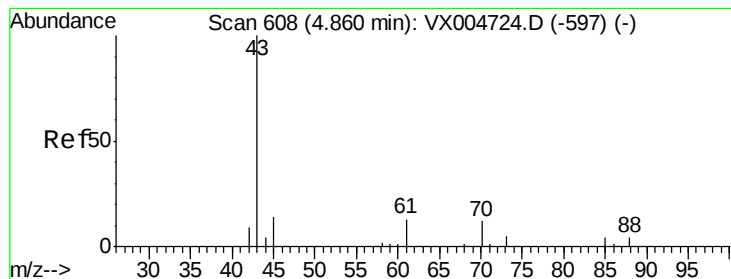
Tgt Ion:113 Resp: 105889
Ion Ratio Lower Upper
113 100
111 101.2 77.0 115.4
192 23.6 17.0 25.6



#36
1,1-Dichloropropene
Concen: 47.53 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Tgt Ion: 75 Resp: 176340
Ion Ratio Lower Upper
75 100
110 35.5 20.0 59.9
77 29.7 27.1 40.7





#37

Ethyl Acetate

Concen: 46.24 ug/l

RT: 4.87 min Scan# 609

Delta R.T. 0.01 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

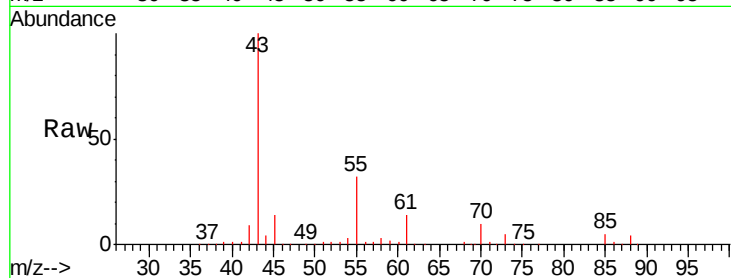
Tgt Ion: 43 Resp: 227734

Ion Ratio Lower Upper

43 100

61 13.8 10.4 15.6

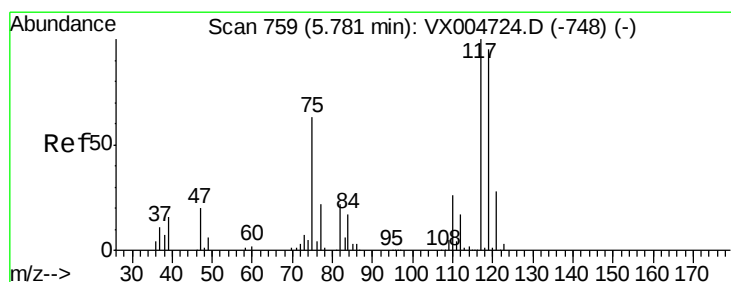
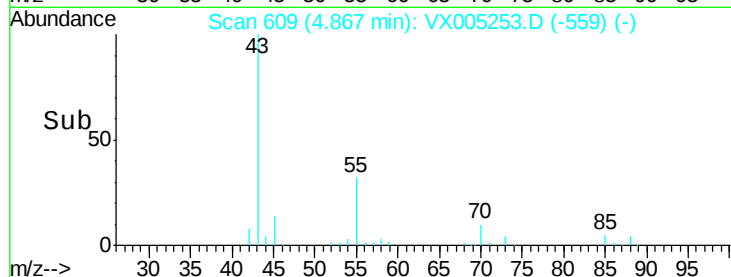
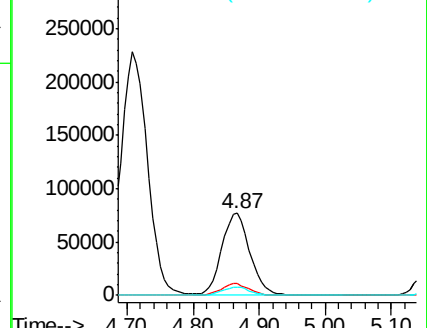
70 10.0 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-597) (-)

Ion 60.90 (60.60 to 61.60): VX004724.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX004724.D (-597) (-)



#38

Carbon Tetrachloride

Concen: 46.92 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

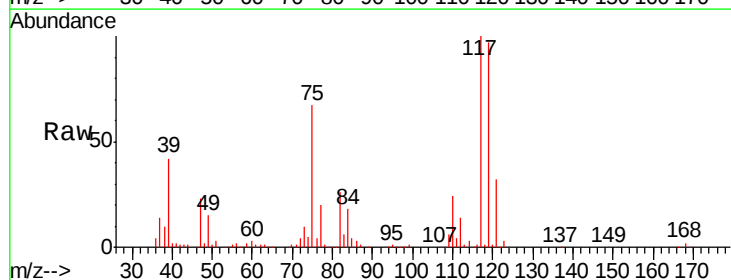
Tgt Ion: 117 Resp: 183002

Ion Ratio Lower Upper

117 100

119 97.4 75.2 112.8

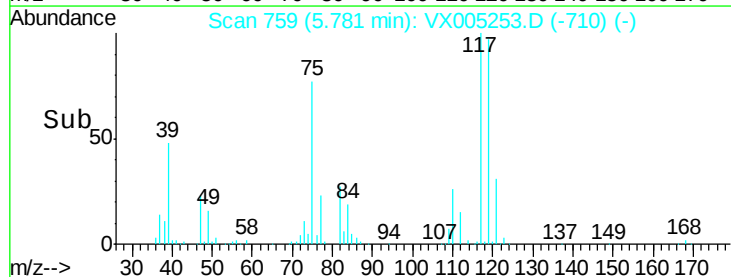
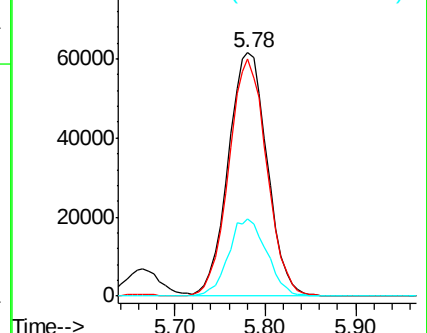
121 31.6 22.5 33.7

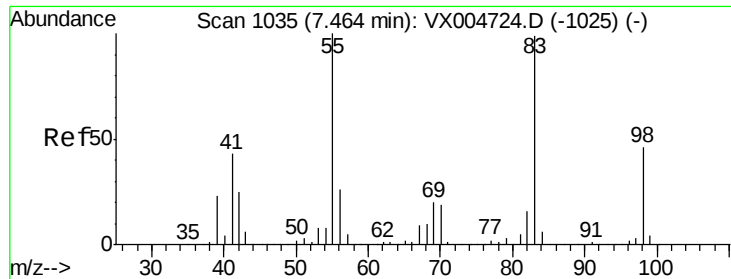


Abundance Ion 116.80 (116.50 to 117.50): VX004724.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX004724.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX004724.D (-748) (-)

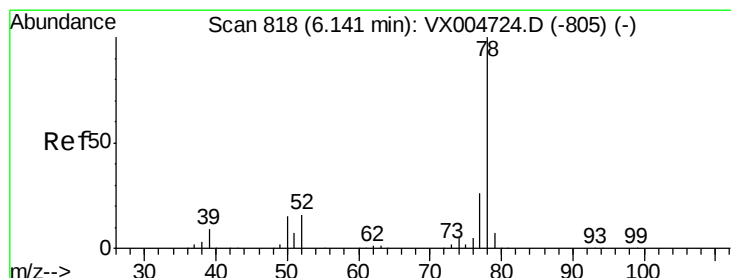
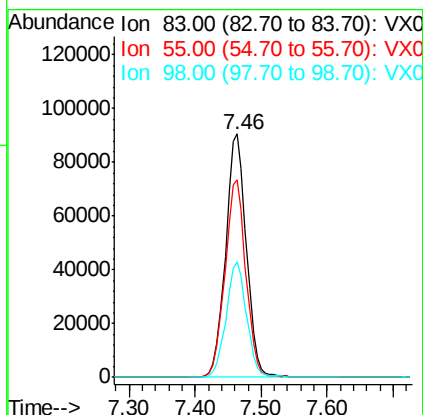
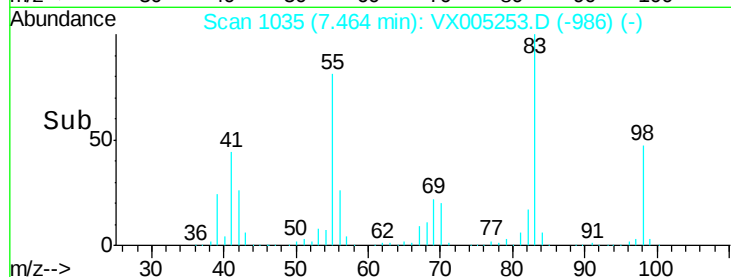
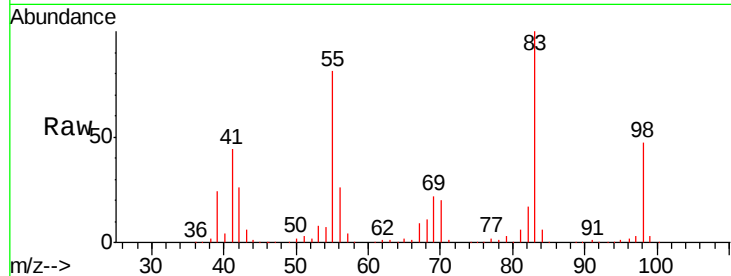




#39
Methylcyclohexane
Concen: 51.99 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

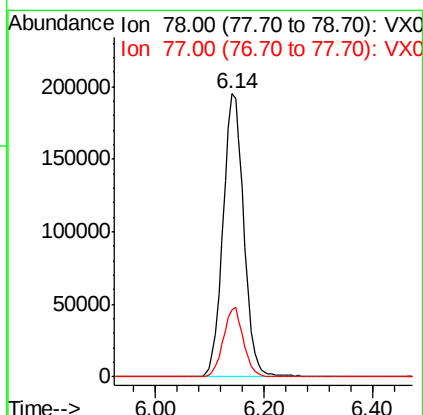
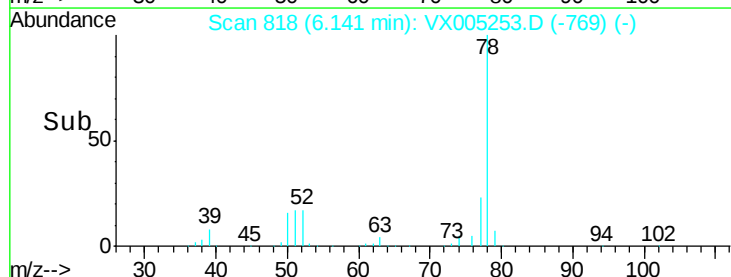
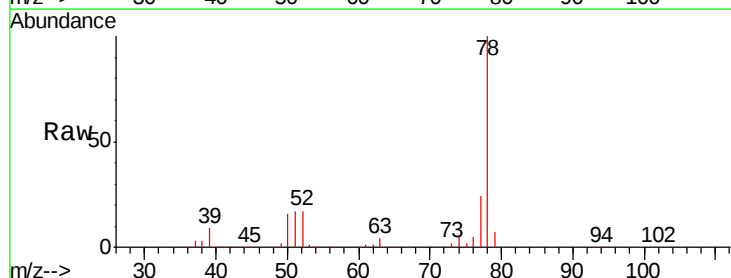
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 196947
Ion Ratio Lower Upper
83 100
55 81.4 81.1 121.7
98 47.3 37.3 55.9



#40
Benzene
Concen: 44.66 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Tgt Ion: 78 Resp: 518703
Ion Ratio Lower Upper
78 100
77 23.7 21.0 31.4

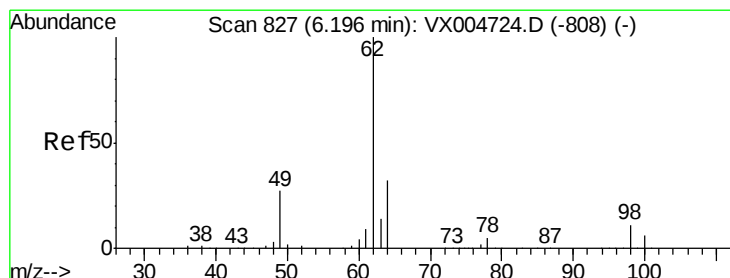
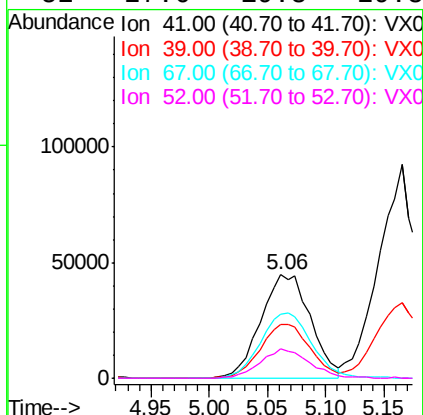
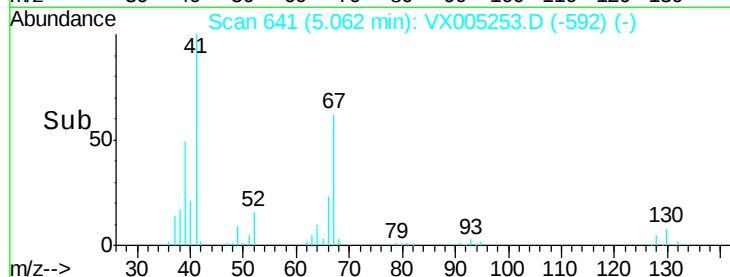
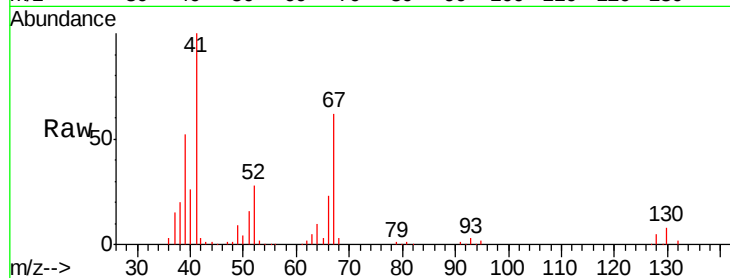




#41
Methacrylonitrile
Concen: 48.43 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

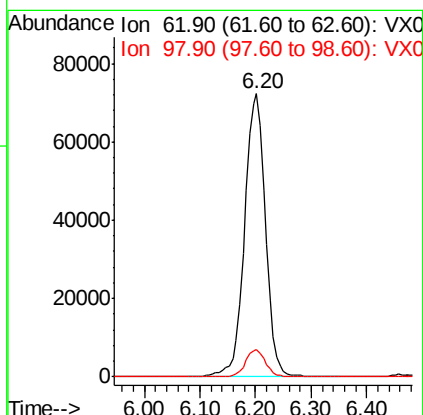
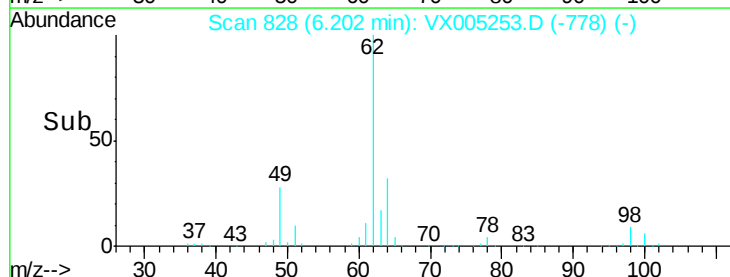
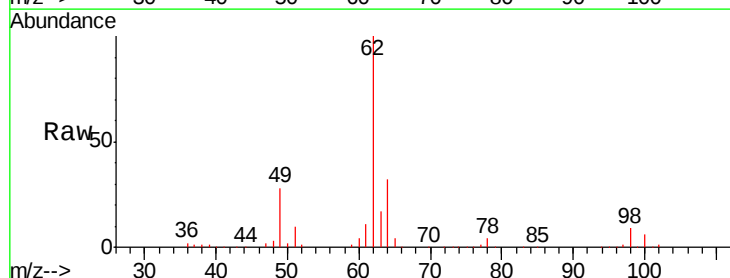
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

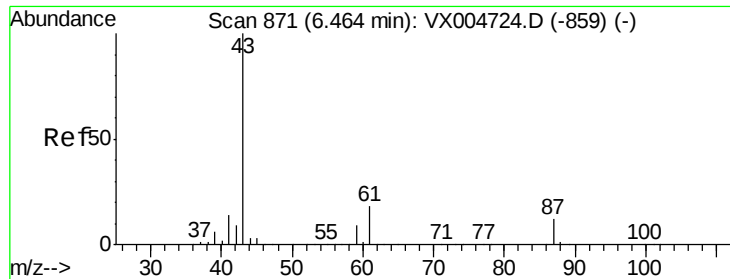
Tgt Ion:	41	Resp:	132269
Ion	Ratio	Lower	Upper
41	100		
39	52.0	42.5	63.7
67	65.4	53.0	79.6
52	27.6	19.8	29.8



#42
1,2-Dichloroethane
Concen: 45.87 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Tgt Ion:	62	Resp:	188328
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	20.2





#43

Isopropyl Acetate

Concen: 47.29 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

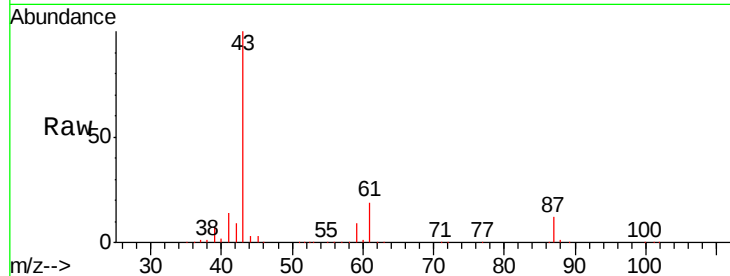
Tgt Ion: 43 Resp: 336125

Ion Ratio Lower Upper

43 100

61 19.5 14.2 21.4

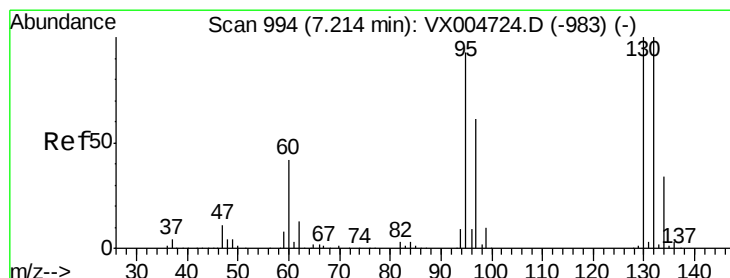
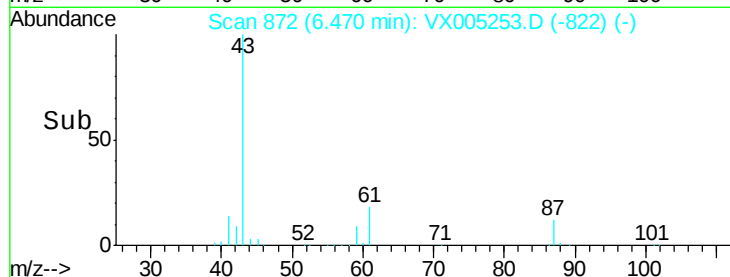
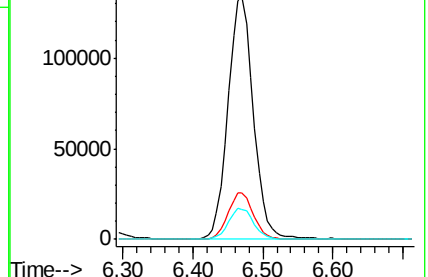
87 12.8 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-859) (-)

Ion 61.00 (60.70 to 61.70): VX004724.D (-859) (-)

Ion 87.00 (86.70 to 87.70): VX004724.D (-859) (-)



#44

Trichloroethene

Concen: 48.56 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005253.D

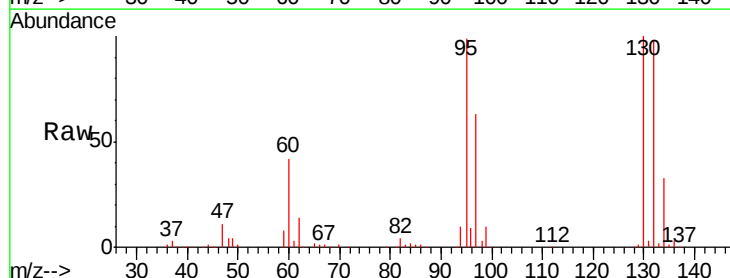
Acq: 11 Oct 2018 13:54

Tgt Ion: 130 Resp: 138658

Ion Ratio Lower Upper

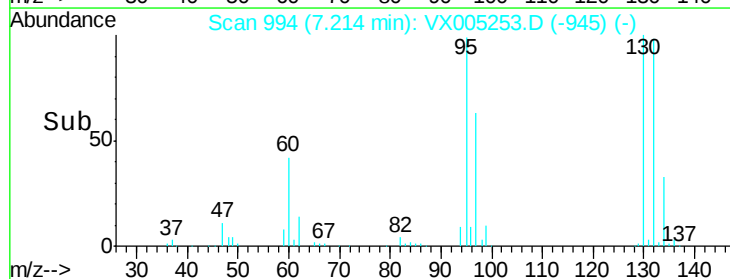
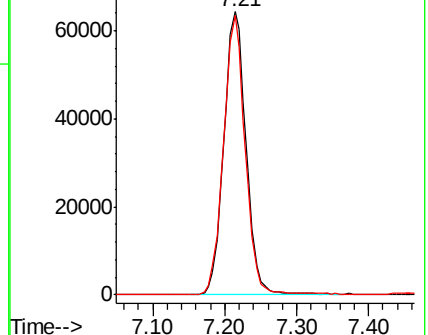
130 100

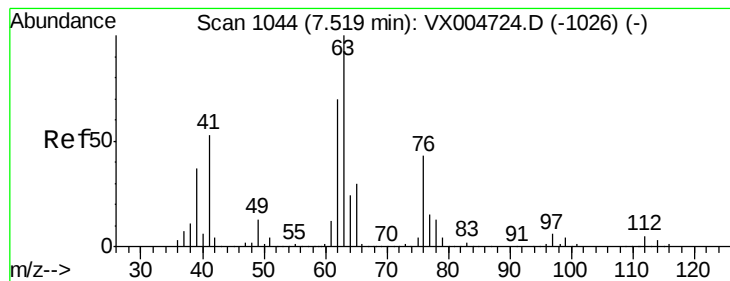
95 98.8 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): VX004724.D (-983) (-)

Ion 94.90 (94.60 to 95.60): VX004724.D (-983) (-)





#45

1,2-Dichloropropane

Concen: 48.51 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

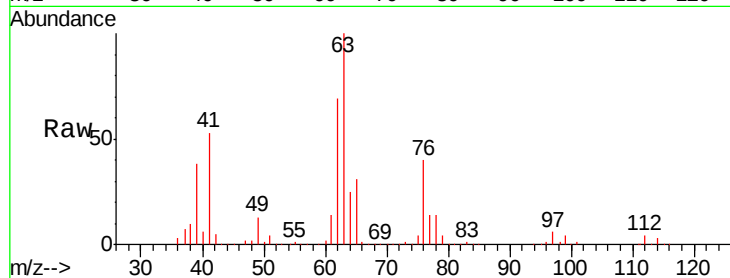
VSTDCCC050EC

Tgt Ion: 63 Resp: 138172

Ion Ratio Lower Upper

63 100

65 30.9 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

80000

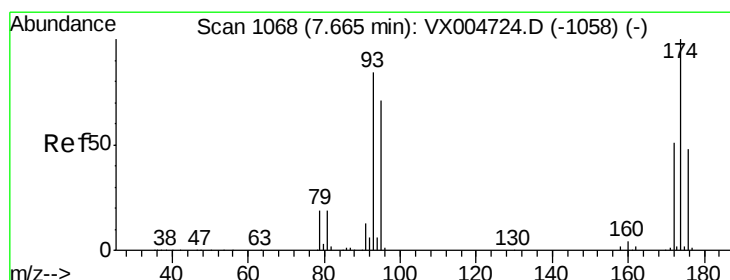
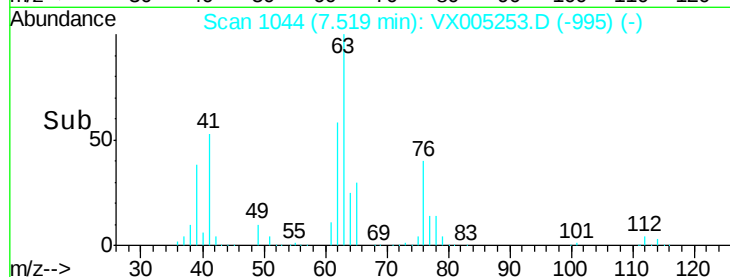
60000

40000

20000

0

Time--> 7.40 7.50 7.60



#46

Dibromomethane

Concen: 50.73 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

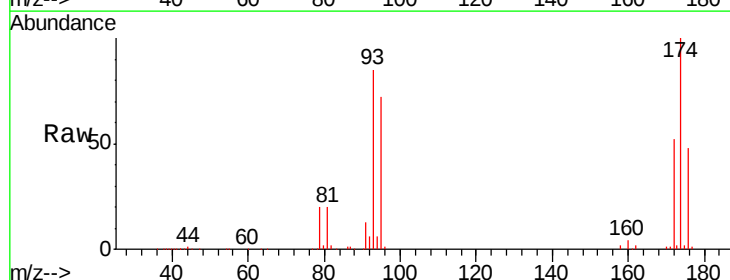
Tgt Ion: 93 Resp: 90802

Ion Ratio Lower Upper

93 100

95 83.1 66.7 100.1

174 118.0 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

80000

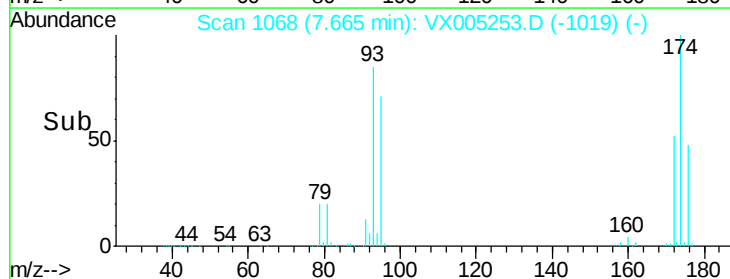
60000

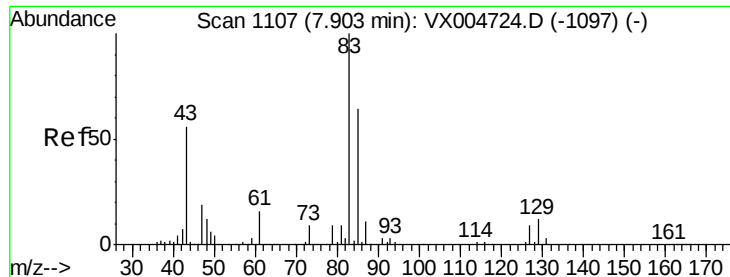
40000

20000

0

Time--> 7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 53.05 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

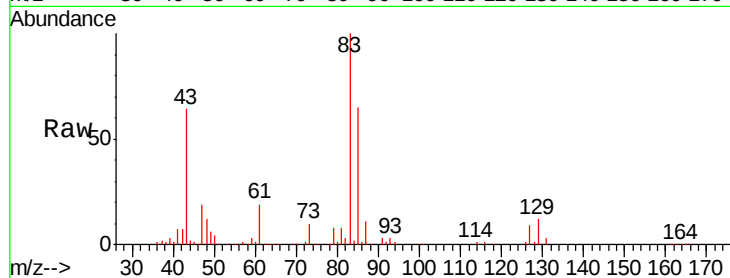
Tgt Ion: 83 Resp: 177789

Ion Ratio Lower Upper

83 100

85 65.0 51.2 76.8

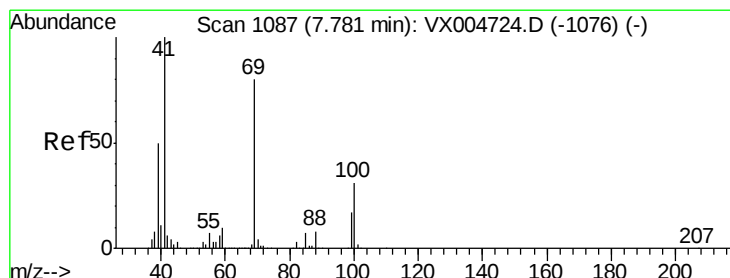
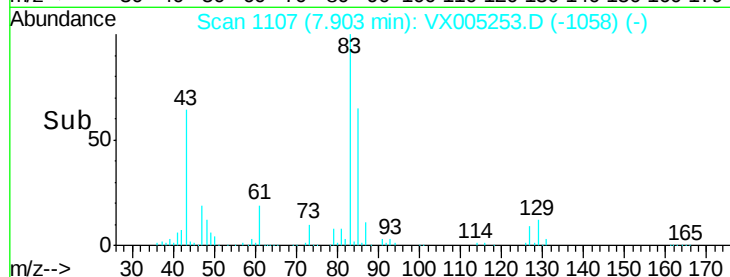
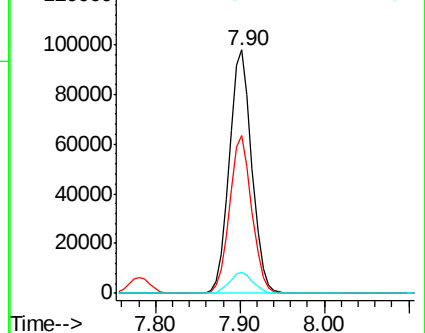
127 8.6 7.0 10.6



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: 55.88 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

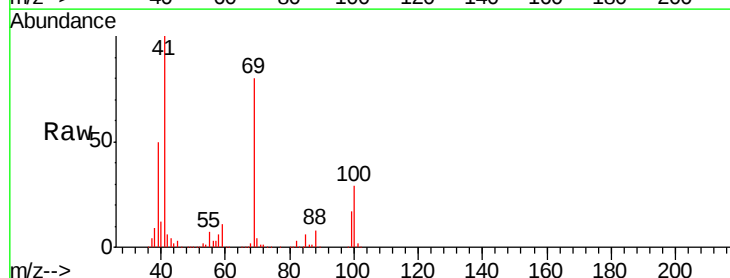
Tgt Ion: 41 Resp: 180297

Ion Ratio Lower Upper

41 100

69 80.3 63.8 95.6

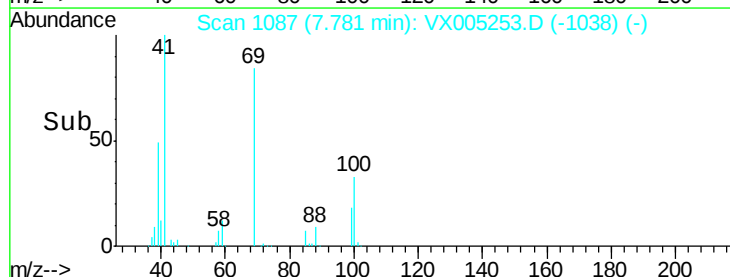
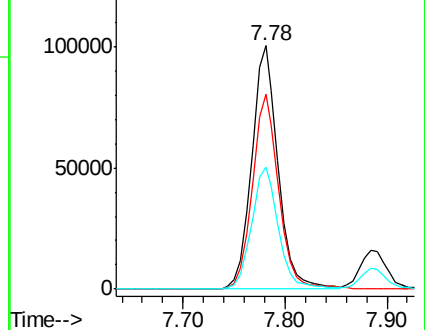
39 50.9 40.7 61.1

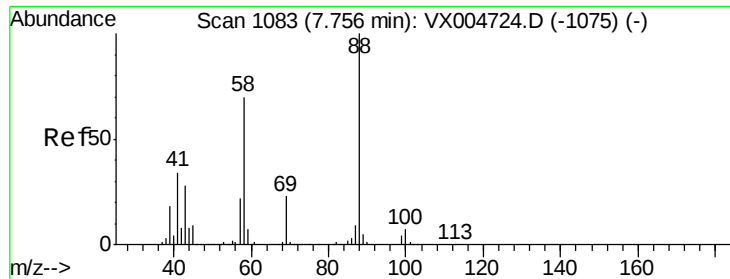


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

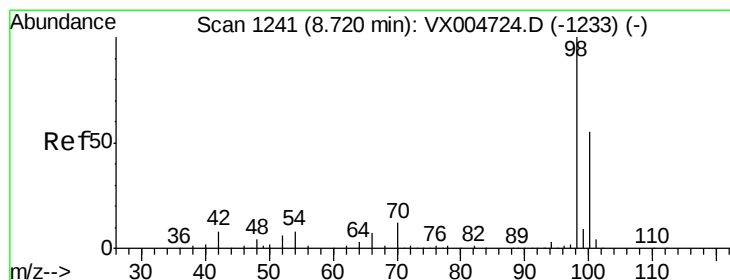
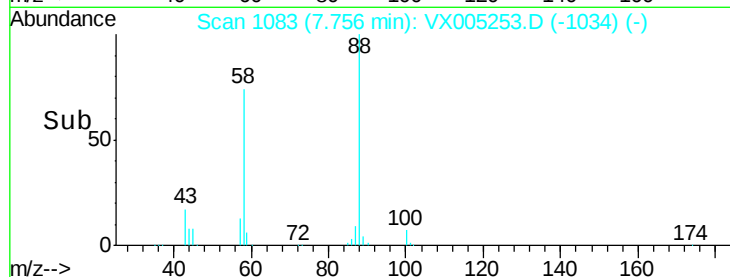
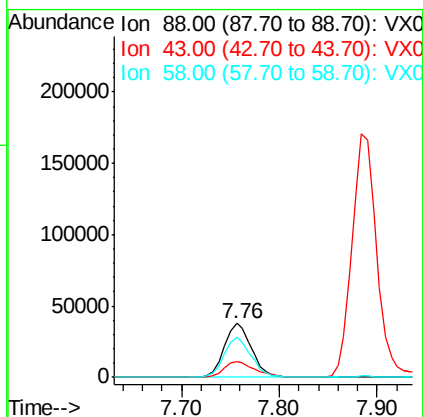
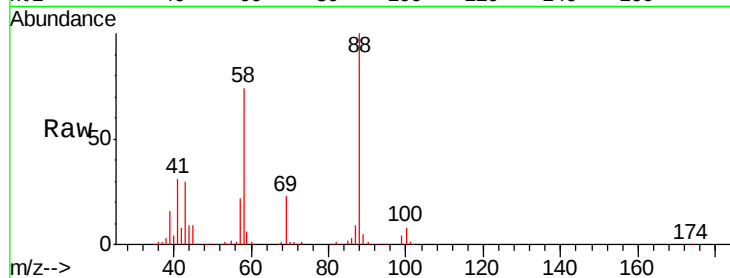




#49
1,4-Dioxane
Concen: 907.31 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

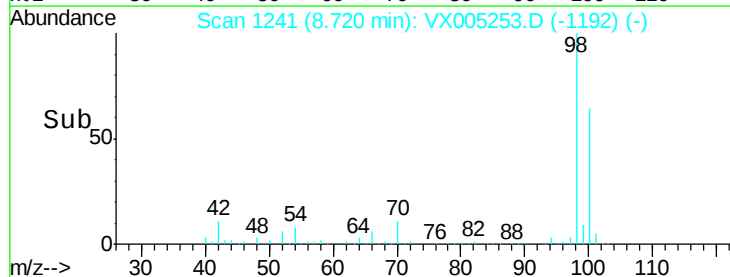
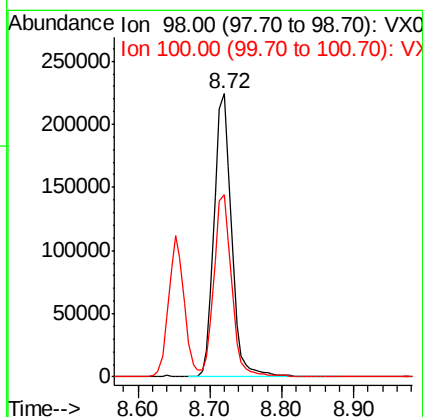
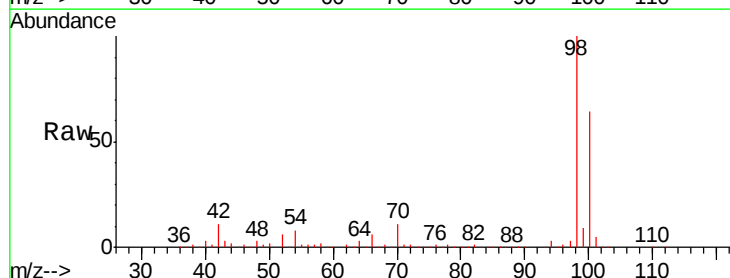
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

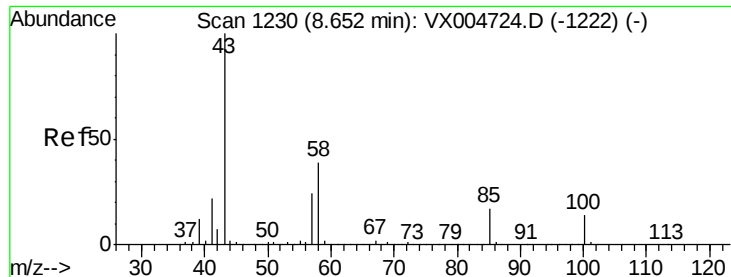
Tgt Ion: 88 Resp: 72723
Ion Ratio Lower Upper
88 100
43 33.1 25.1 37.7
58 74.0 56.2 84.2



#50
Toluene-d8
Concen: 41.47 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Tgt Ion: 98 Resp: 374857
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

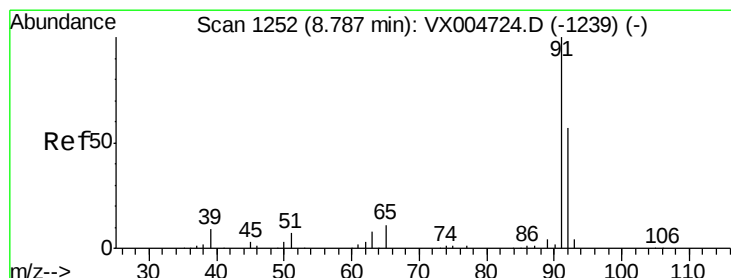
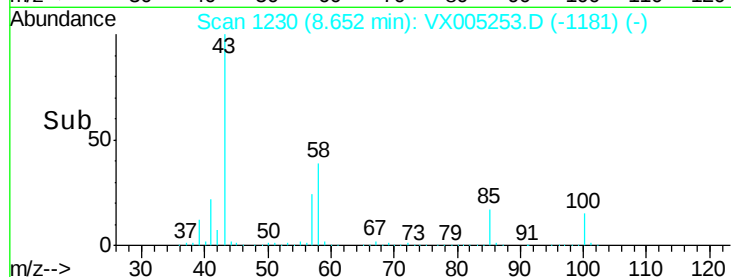
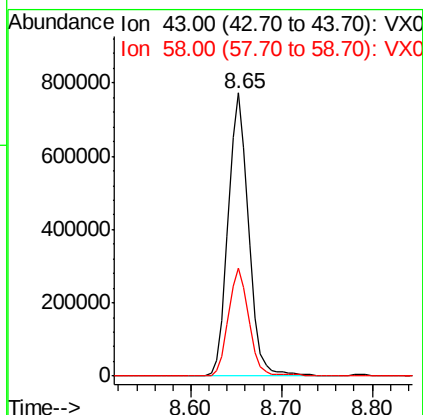
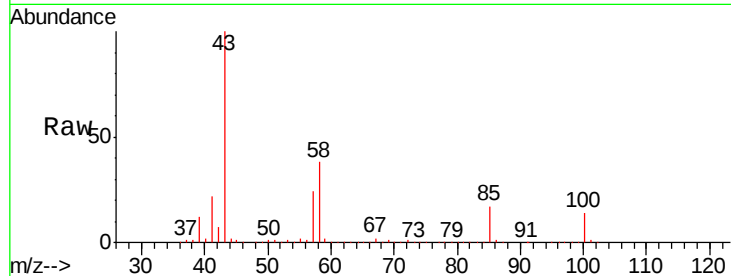




#51
4-Methyl-2-Pentanone
Concen: 270.98 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

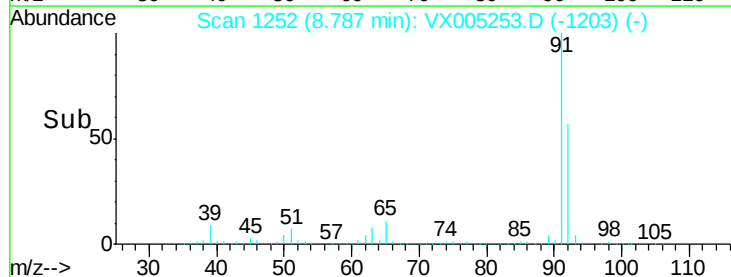
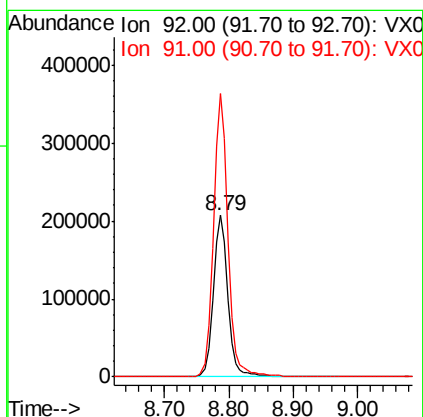
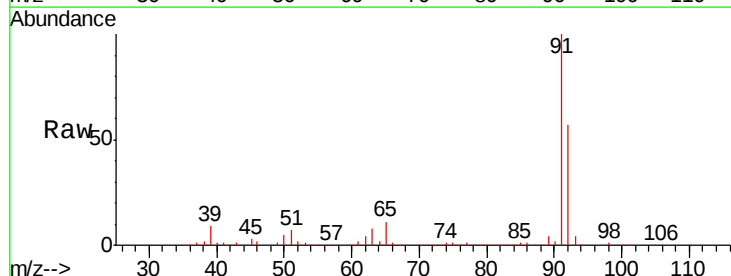
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1212803
Ion Ratio Lower Upper
43 100
58 38.6 30.5 45.7



#52
Toluene
Concen: 51.59 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Tgt Ion: 92 Resp: 329236
Ion Ratio Lower Upper
92 100
91 174.4 136.7 205.1

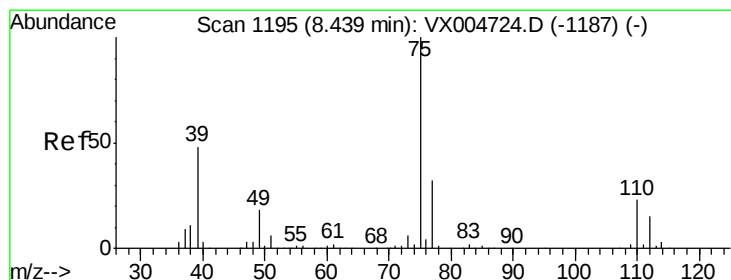
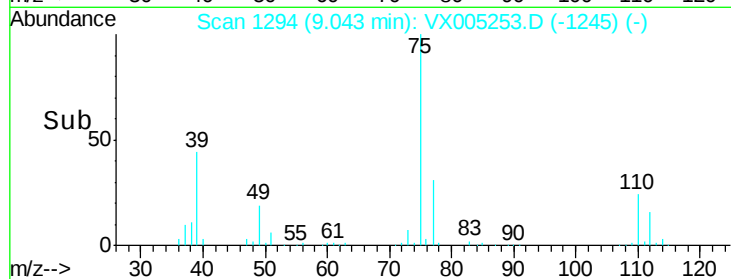
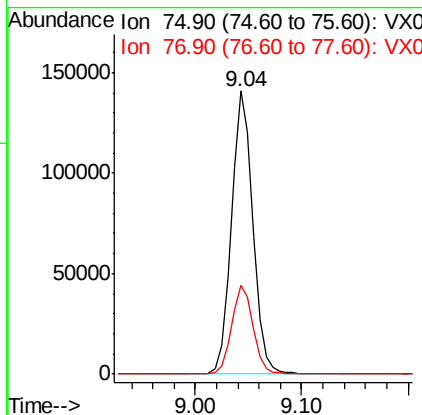
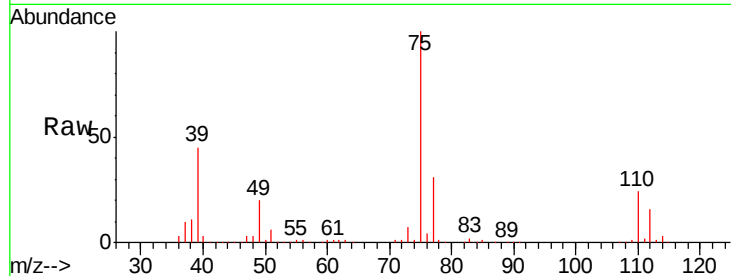




#53
 t-1,3-Dichloropropene
 Concen: 52.37 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

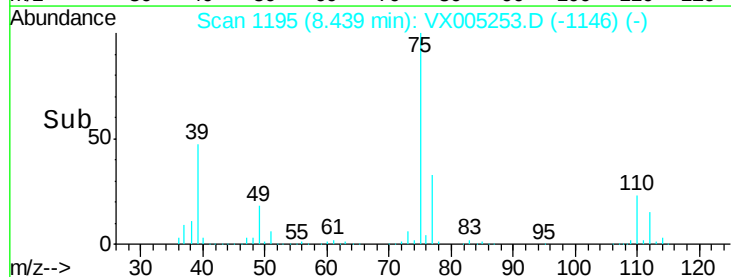
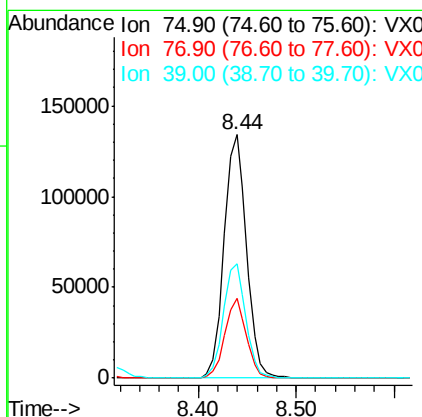
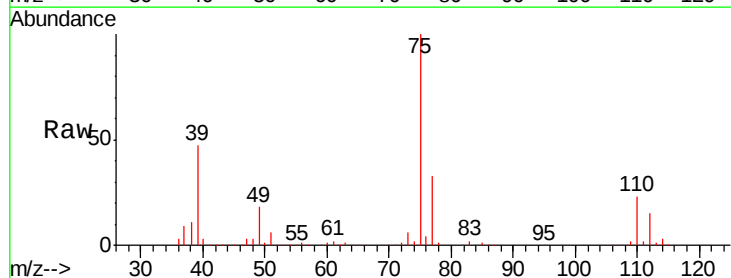
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 198358
 Ion Ratio Lower Upper
 75 100
 77 31.4 28.9 43.3



#54
 cis-1,3-Dichloropropene
 Concen: 53.78 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

Tgt Ion: 75 Resp: 213345
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.7 38.5
 39 46.9 38.3 57.5

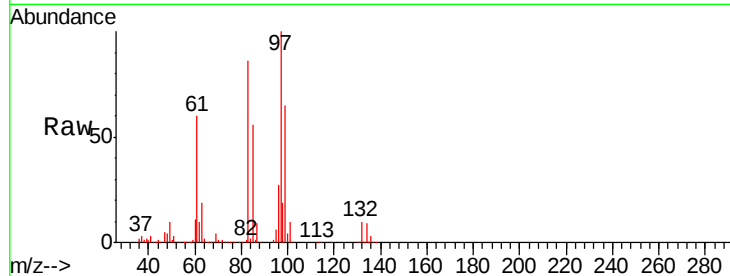




#55
 1,1,2-Trichloroethane
 Concen: 49.40 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	138097
Ion	Ratio	Lower	Upper
97	100		
83	85.7	68.2	102.2
85	55.8	49.9	74.9
99	64.7	48.9	73.3

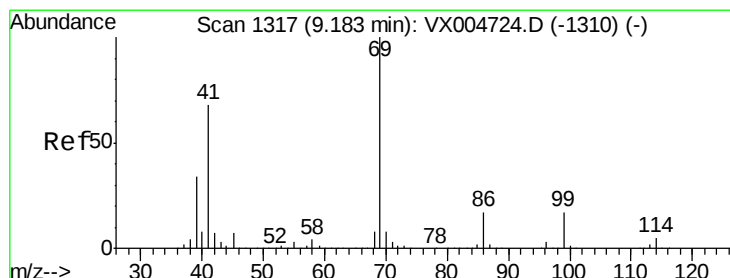
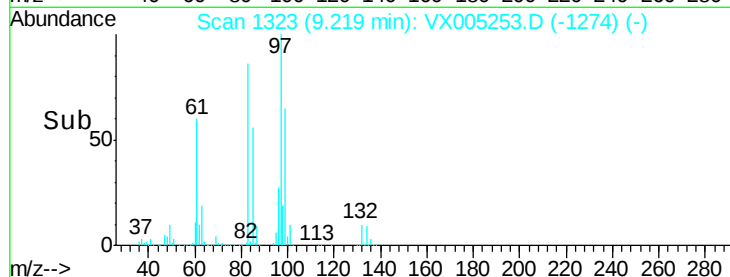
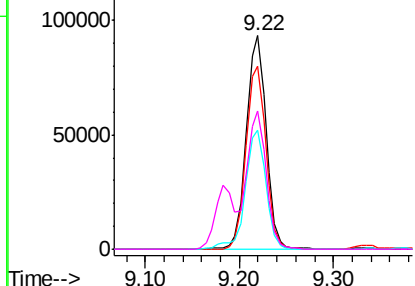


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

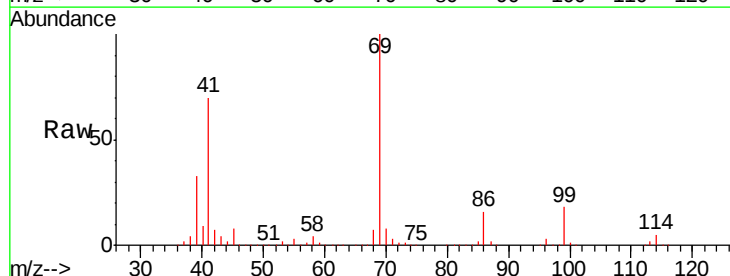
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 47.94 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

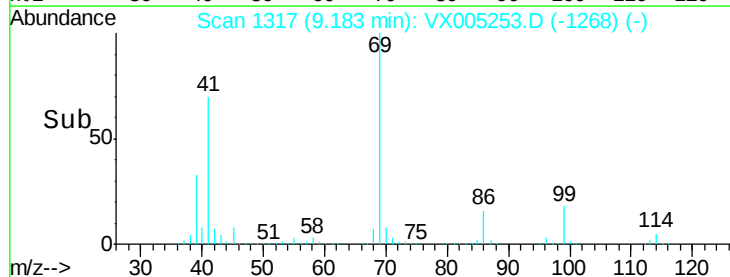
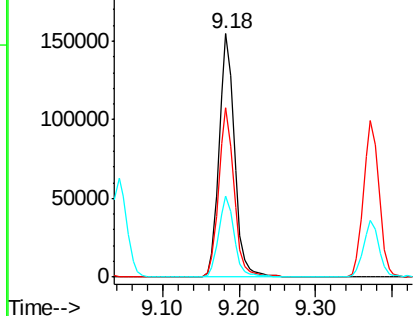
Tgt Ion:	69	Resp:	216905
Ion	Ratio	Lower	Upper
69	100		
41	69.3	56.9	85.3
39	33.3	28.4	42.6

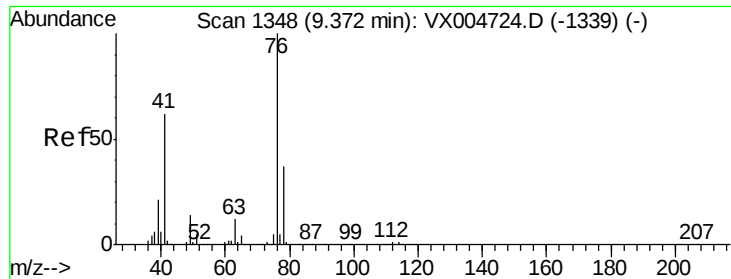


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.46 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

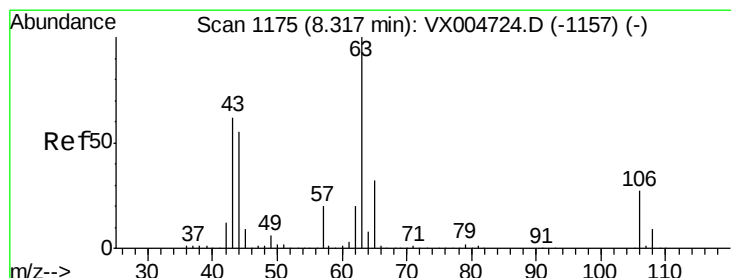
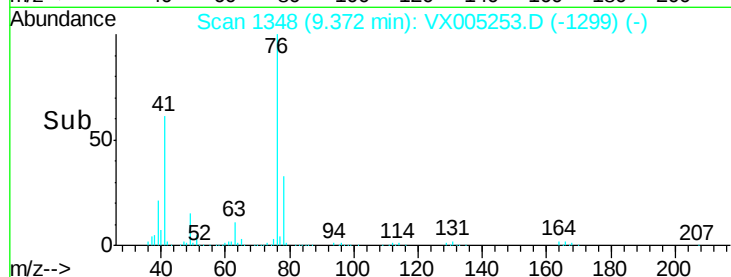
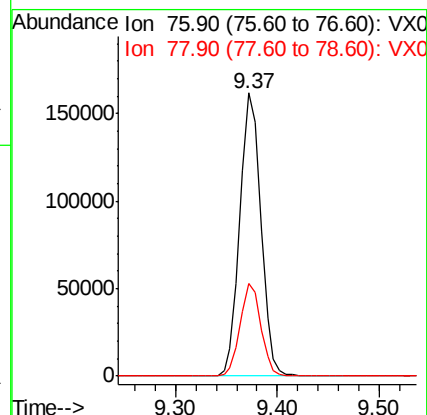
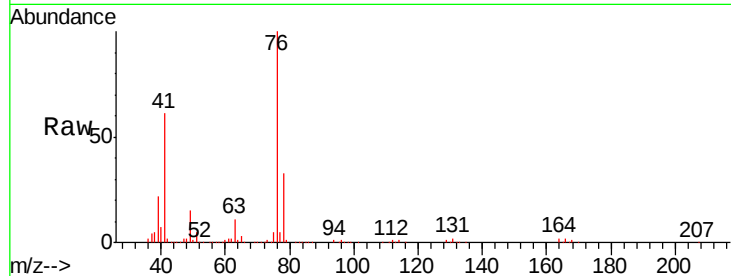
VSTDCCC050EC

Tgt Ion: 76 Resp: 230125

Ion Ratio Lower Upper

76 100

78 32.2 26.6 40.0



#58

2-Chloroethyl Vinyl ether

Concen: 198.75 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX005253.D

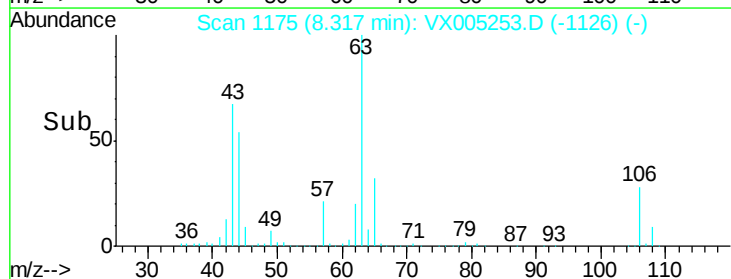
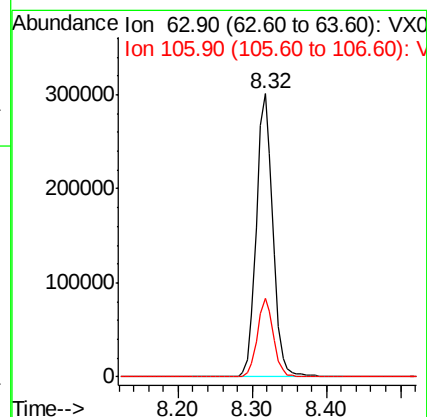
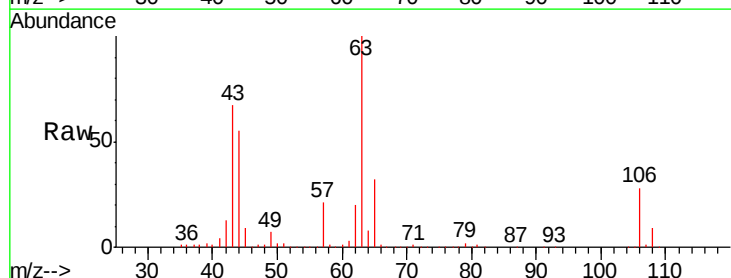
Acq: 11 Oct 2018 13:54

Tgt Ion: 63 Resp: 471293

Ion Ratio Lower Upper

63 100

106 27.1 21.0 31.6

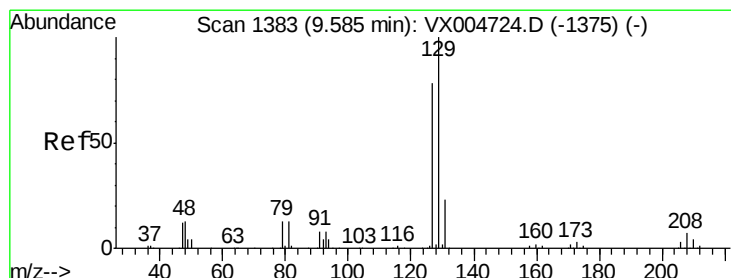
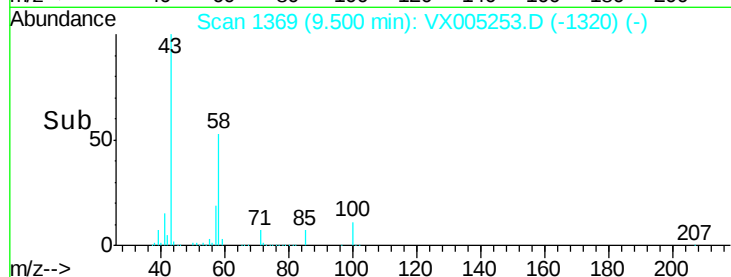
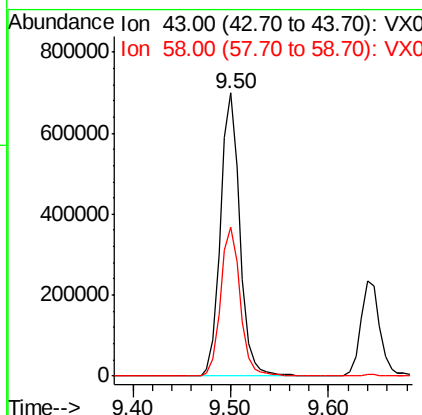
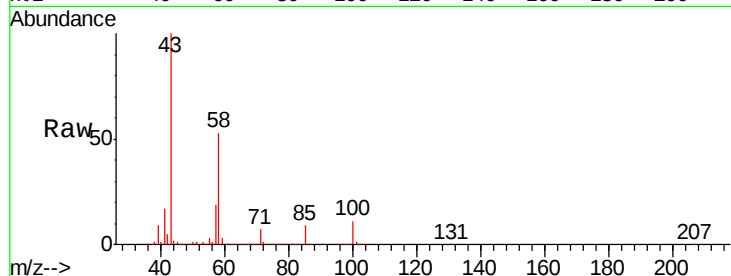




#59
2-Hexanone
Concen: 257.60 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

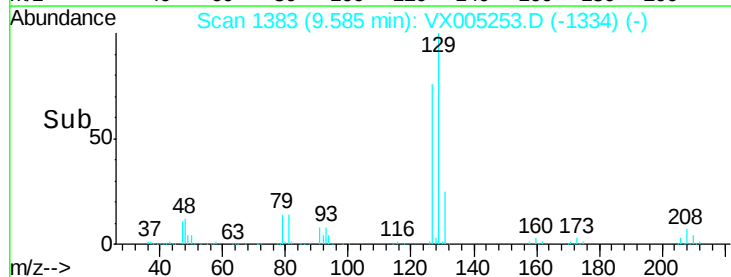
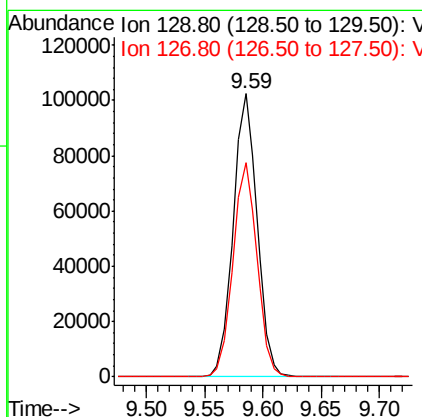
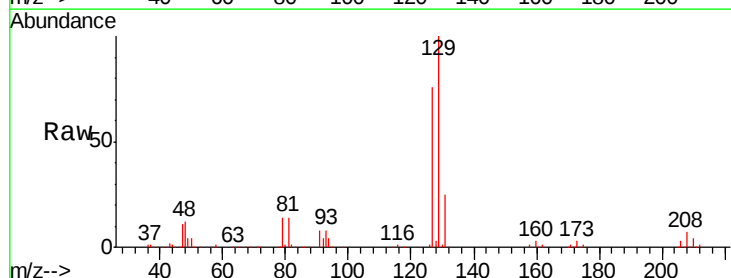
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

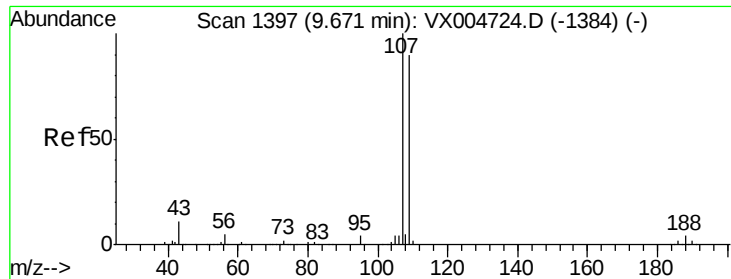
Tgt Ion: 43 Resp: 960751
Ion Ratio Lower Upper
43 100
58 53.2 28.4 85.3



#60
Dibromochloromethane
Concen: 52.72 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Tgt Ion: 129 Resp: 147394
Ion Ratio Lower Upper
129 100
127 75.9 39.1 117.2





#61

1,2-Dibromoethane

Concen: 47.91 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

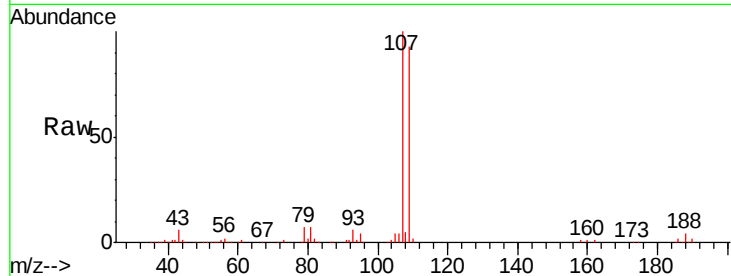
VSTDCCC050EC

Tgt Ion: 107 Resp: 143433

Ion Ratio Lower Upper

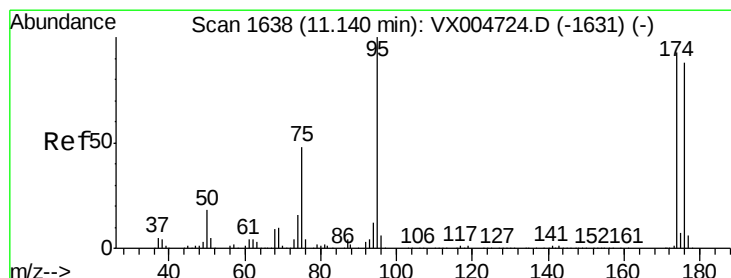
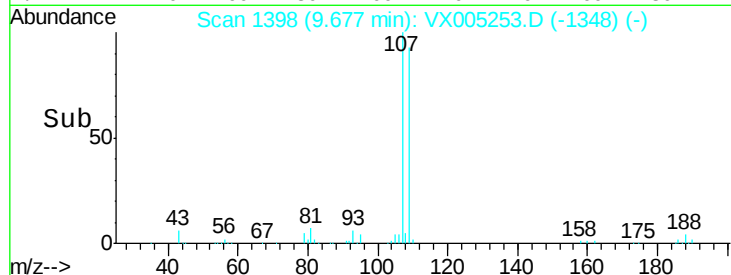
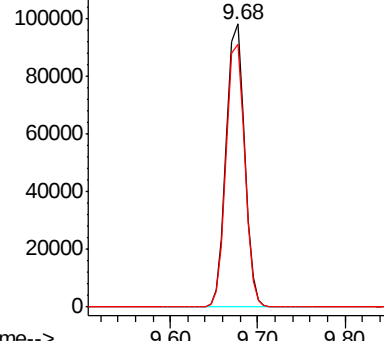
107 100

109 94.1 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: 44.42 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

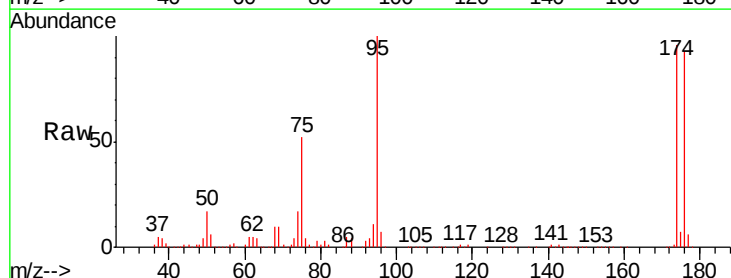
Tgt Ion: 95 Resp: 144665

Ion Ratio Lower Upper

95 100

174 92.6 0.0 185.0

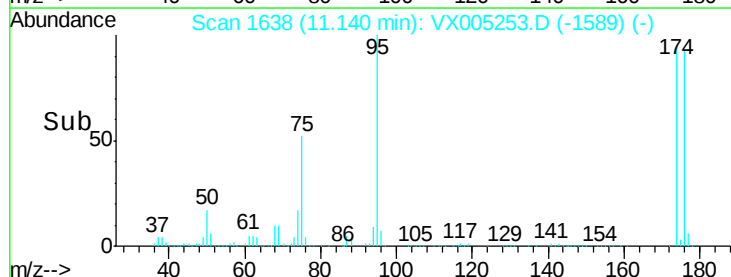
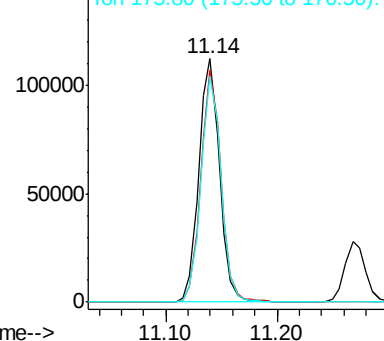
176 90.4 0.0 180.2

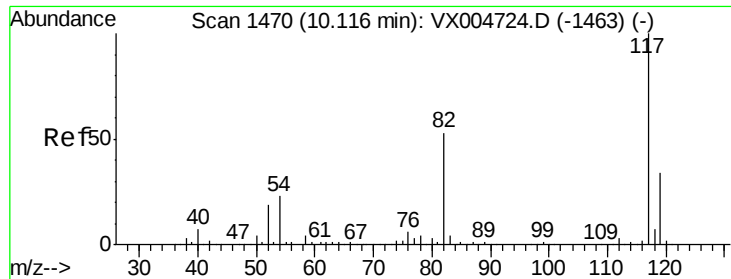


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

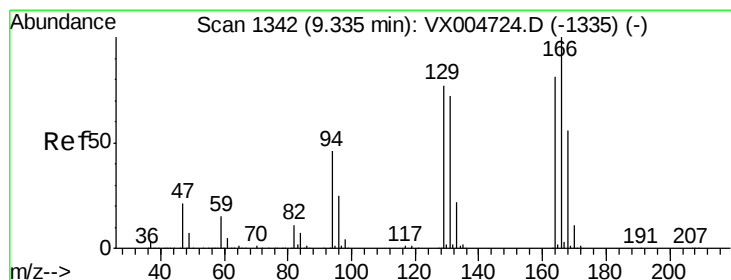
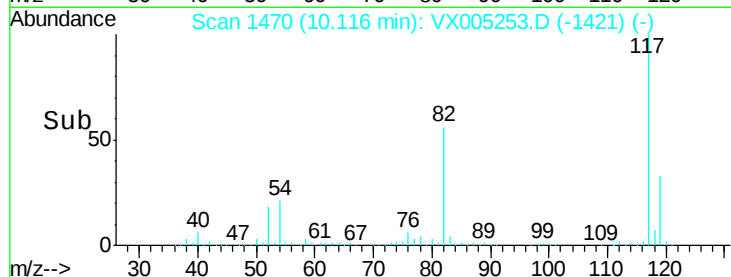
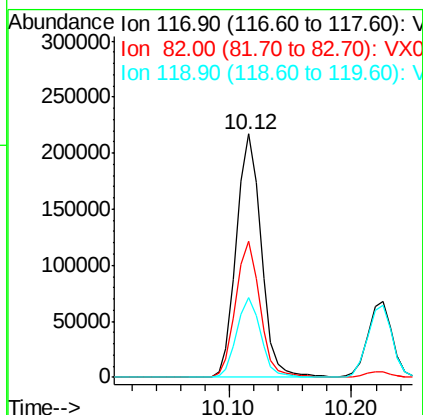
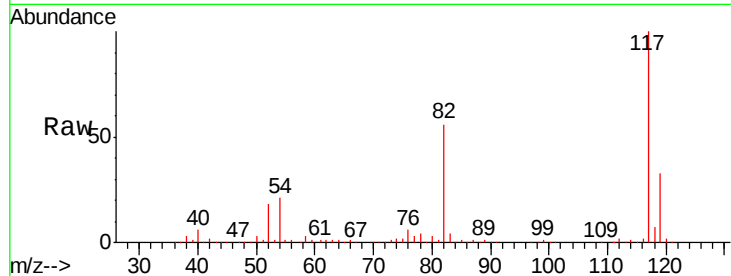




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

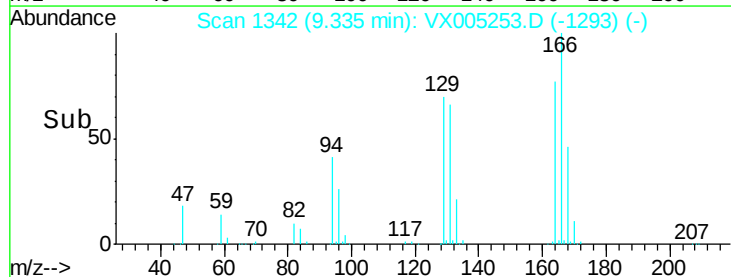
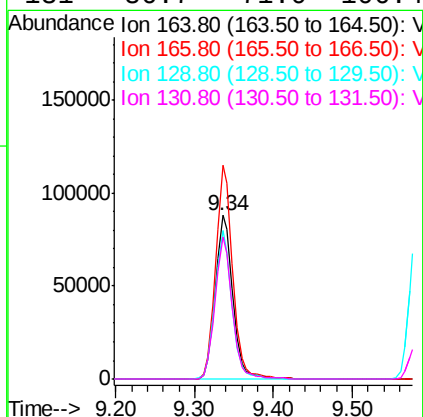
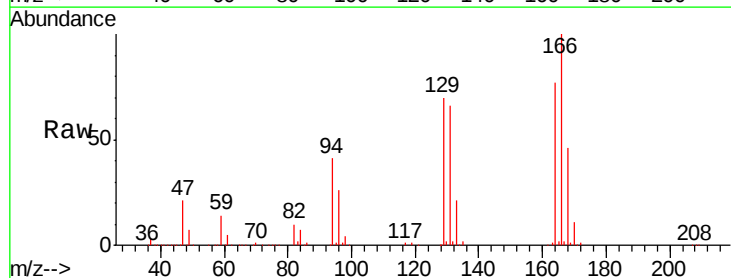
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 305559
Ion Ratio Lower Upper
117 100
82 55.7 42.2 63.4
119 32.6 27.4 41.0



#64
Tetrachloroethene
Concen: 45.41 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Tgt Ion:164 Resp: 136575
Ion Ratio Lower Upper
164 100
166 130.6 98.4 147.6
129 91.0 76.1 114.1
131 86.7 71.0 106.4

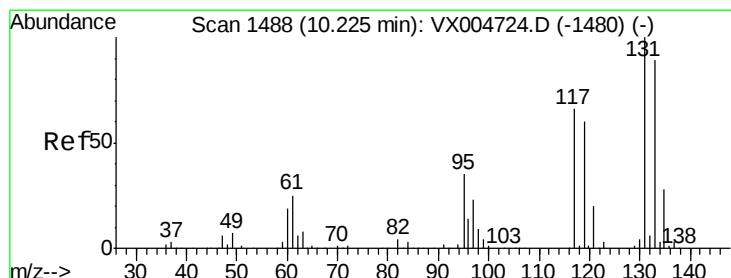
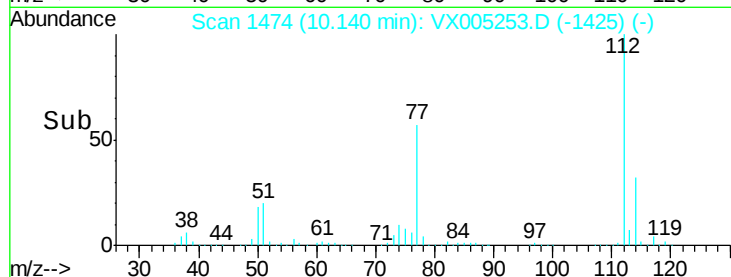
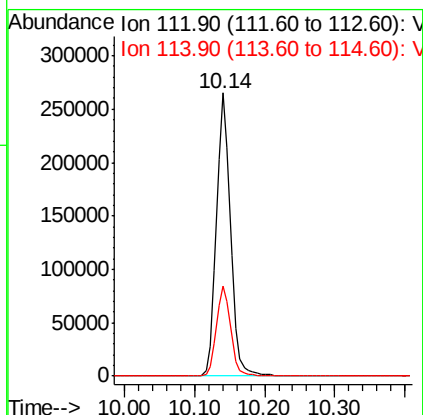
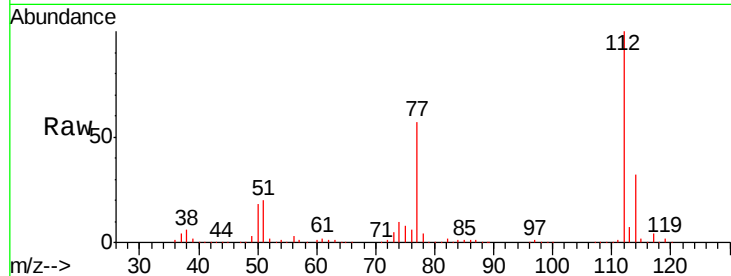




#65
Chlorobenzene
Concen: 47.50 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

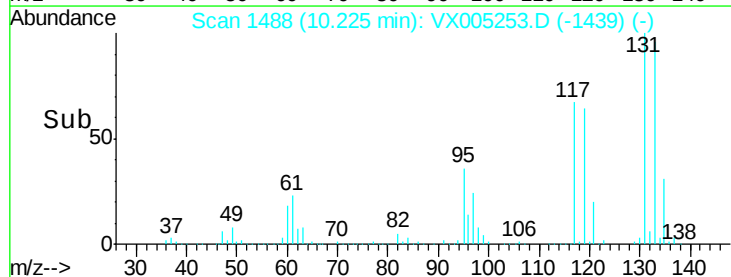
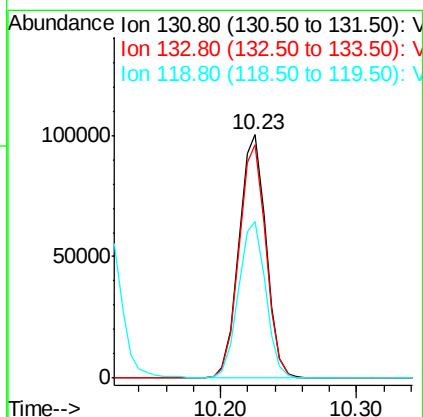
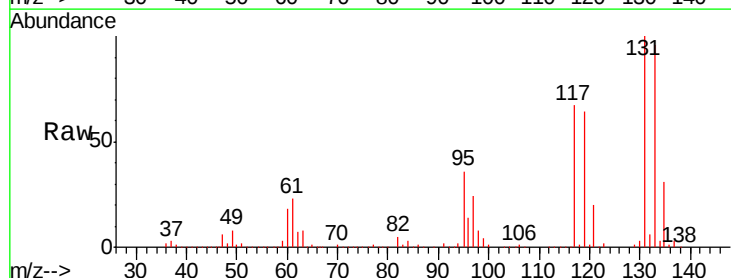
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

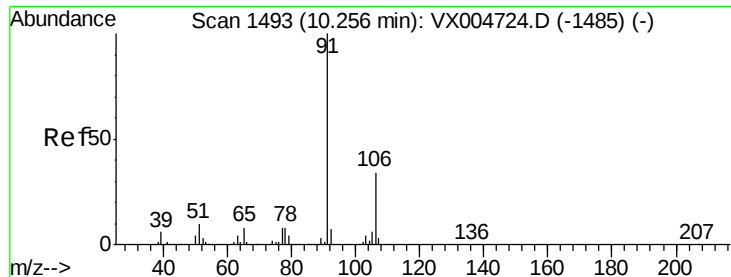
Tgt Ion:112 Resp: 372151
Ion Ratio Lower Upper
112 100
114 31.8 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.23 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Tgt Ion:131 Resp: 138374
Ion Ratio Lower Upper
131 100
133 95.8 48.4 145.0
119 64.6 32.3 96.8





#67

Ethyl Benzene

Concen: 51.05 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

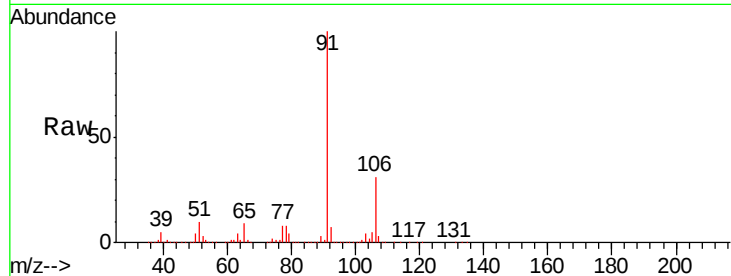
VSTDCCC050EC

Tgt Ion: 91 Resp: 635100

Ion Ratio Lower Upper

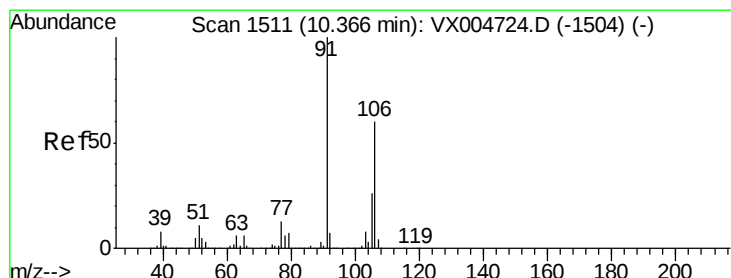
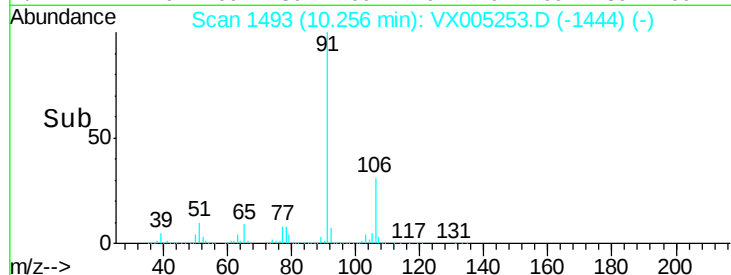
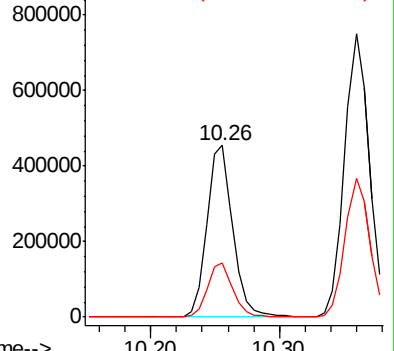
91 100

106 31.3 26.9 40.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 102.05 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005253.D

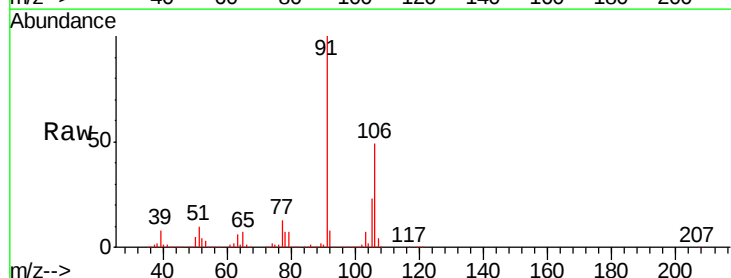
Acq: 11 Oct 2018 13:54

Tgt Ion: 106 Resp: 496082

Ion Ratio Lower Upper

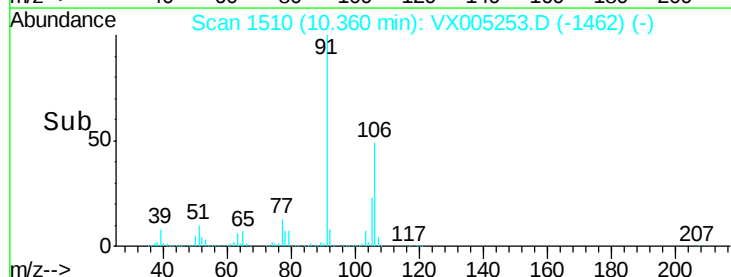
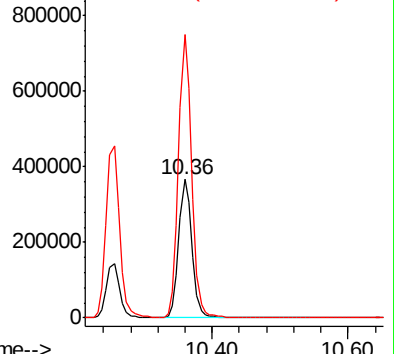
106 100

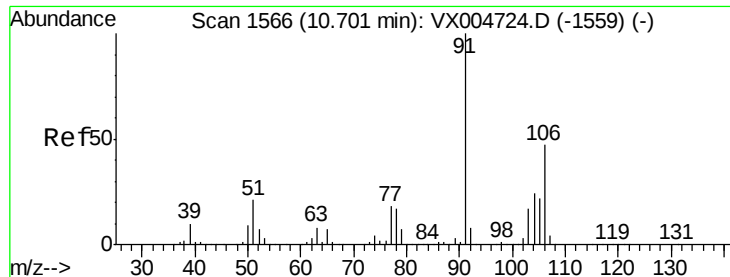
91 203.4 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

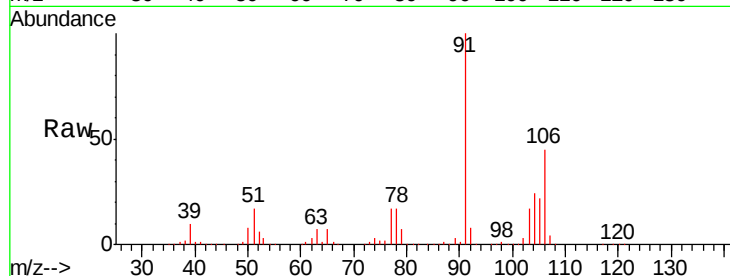




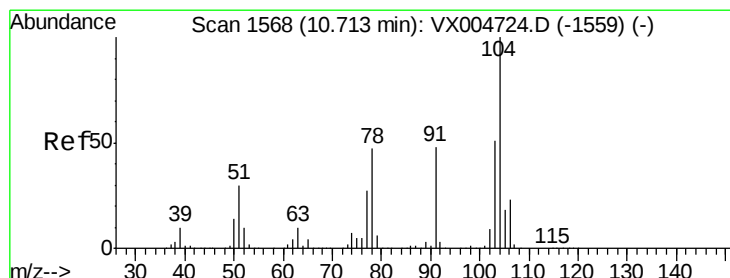
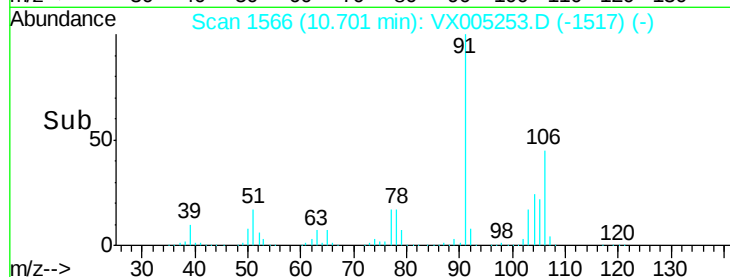
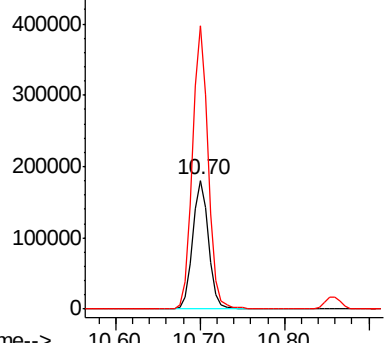
#69
o-Xylene
Concen: 53.25 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 237753
Ion Ratio Lower Upper
106 100
91 216.7 108.3 324.8

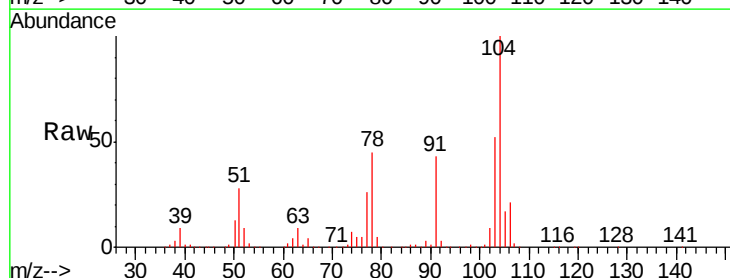


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

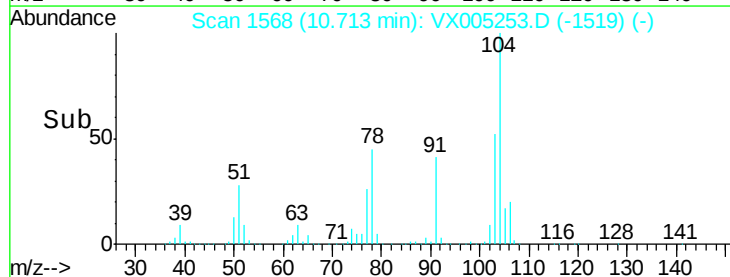
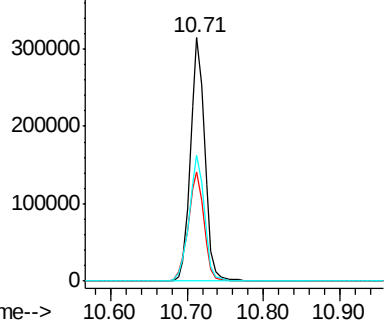


#70
Styrene
Concen: 48.99 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Tgt Ion:104 Resp: 408699
Ion Ratio Lower Upper
104 100
78 49.6 40.0 60.0
103 55.7 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: 52.20 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

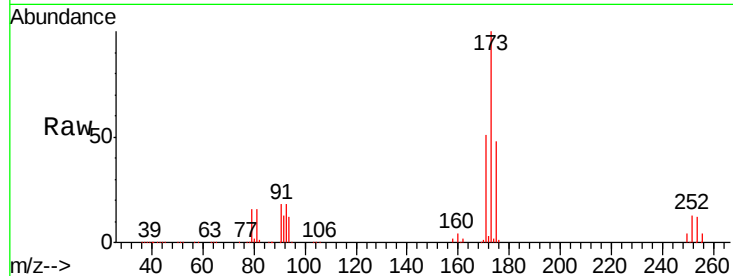
Tgt Ion:173 Resp: 123098

Ion Ratio Lower Upper

173 100

175 48.6 23.3 69.8

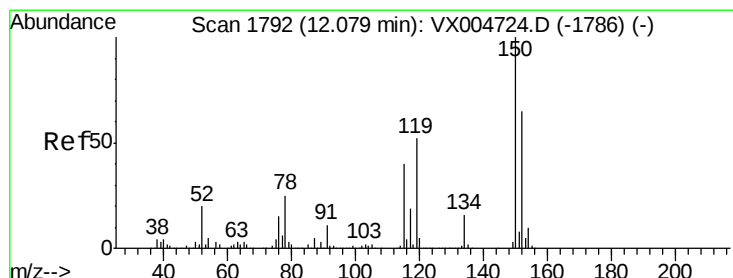
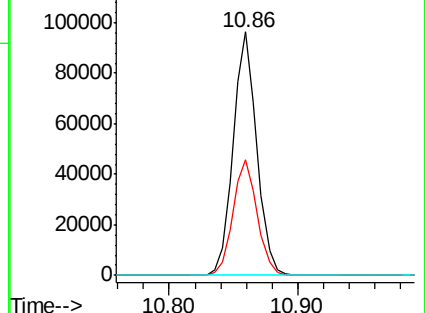
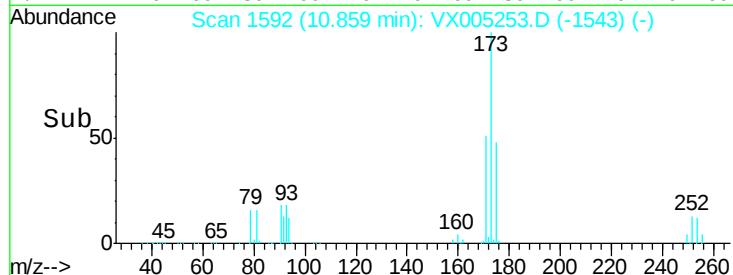
254 0.2 0.2 0.2



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: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

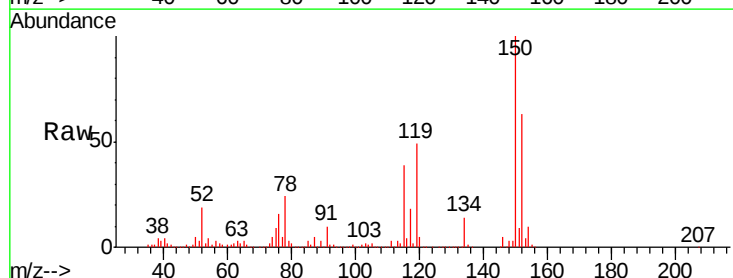
Tgt Ion:152 Resp: 173962

Ion Ratio Lower Upper

152 100

115 81.2 40.2 120.6

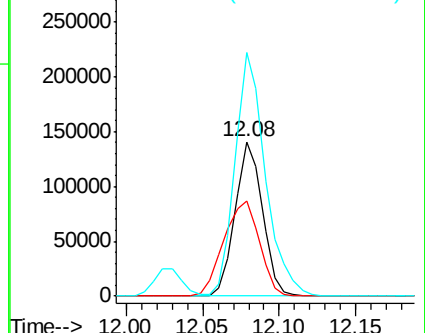
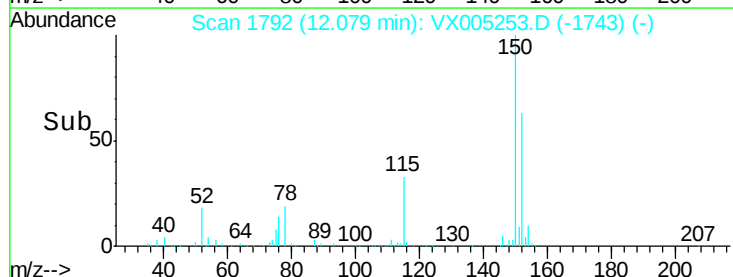
150 176.0 0.0 351.0



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: 59.11 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

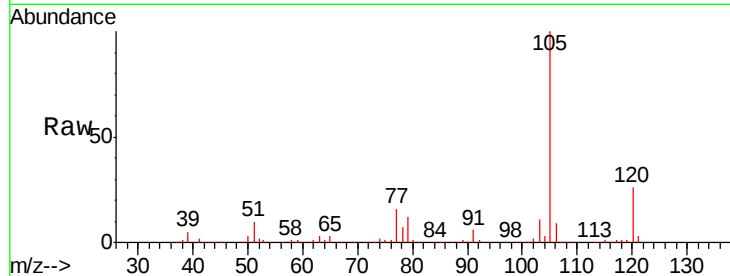
VSTDCCC050EC

Tgt Ion: 105 Resp: 648136

Ion Ratio Lower Upper

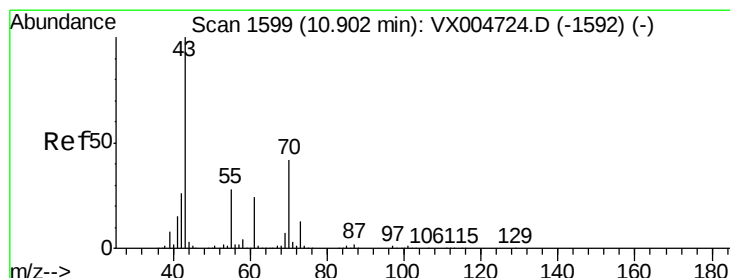
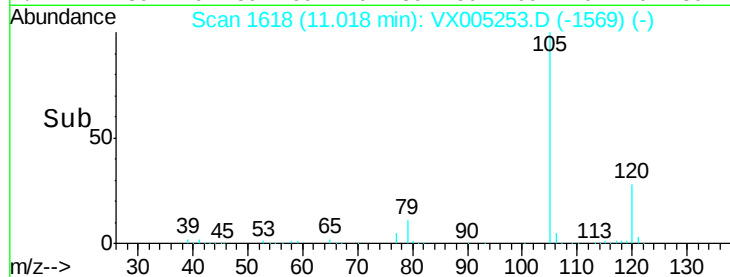
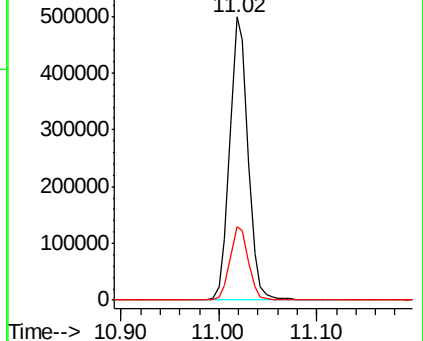
105 100

120 26.3 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: 52.31 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Tgt Ion: 43 Resp: 315782

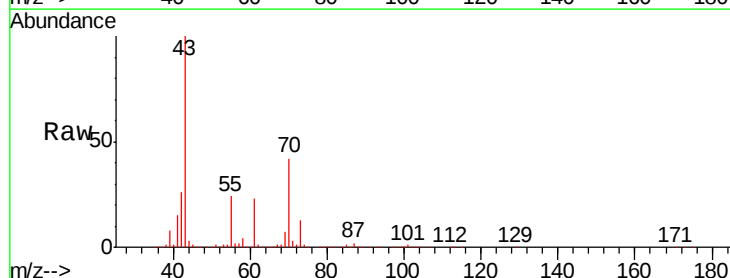
Ion Ratio Lower Upper

43 100

70 41.2 32.6 48.8

55 24.9 21.6 32.4

61 23.4 19.1 28.7

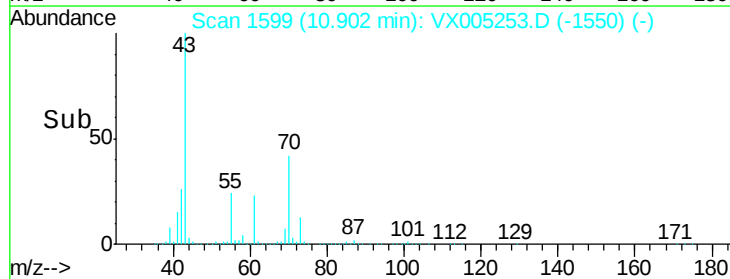
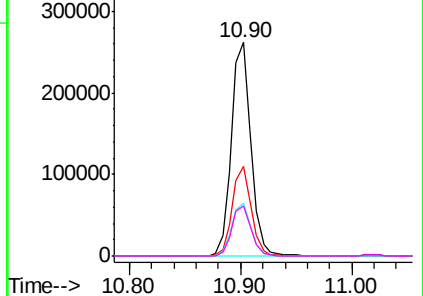


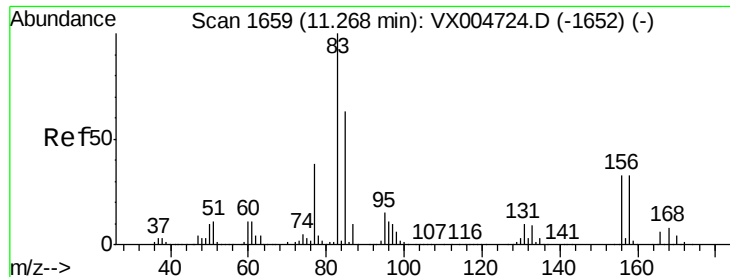
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.87 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

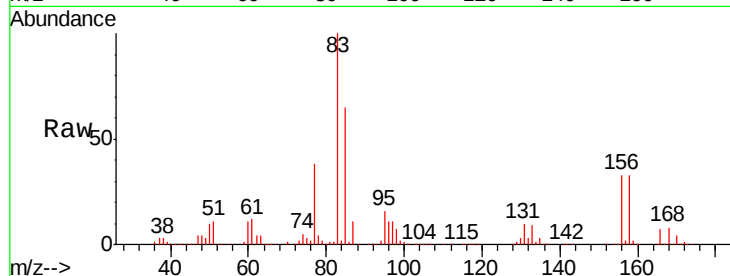
Tgt Ion: 83 Resp: 227058

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.3

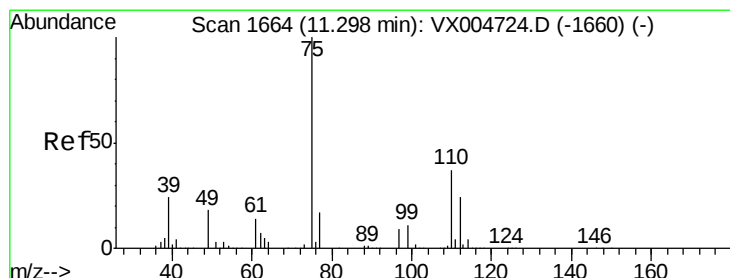
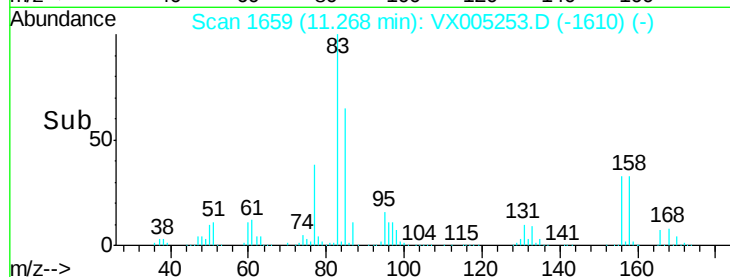
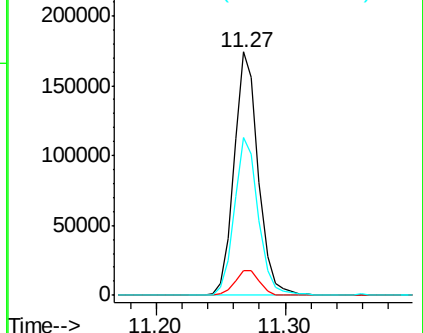
85 65.1 31.9 95.9



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: 68.82 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005253.D

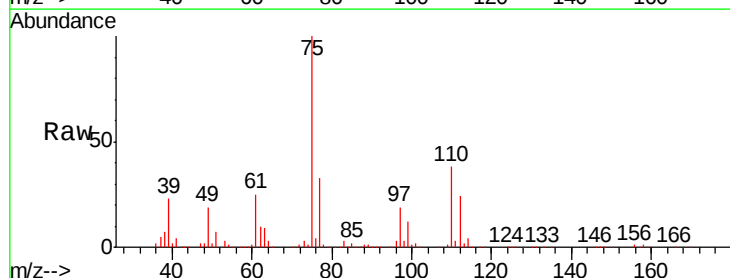
Acq: 11 Oct 2018 13:54

Tgt Ion: 75 Resp: 268347

Ion Ratio Lower Upper

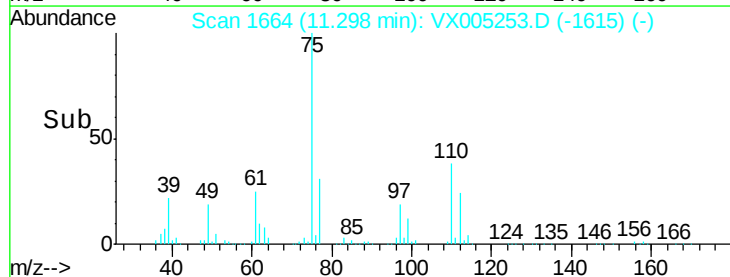
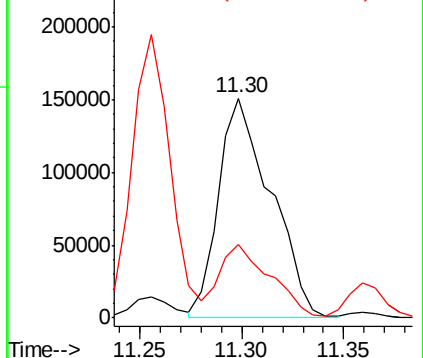
75 100

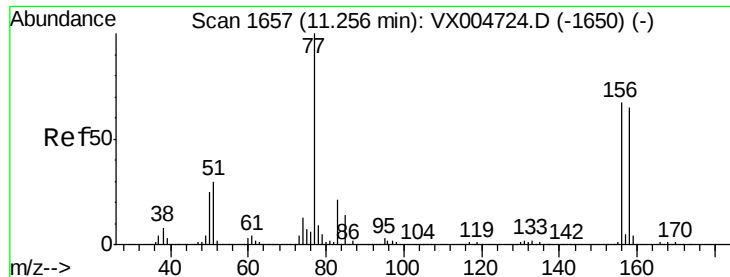
77 32.5 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 54.91 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

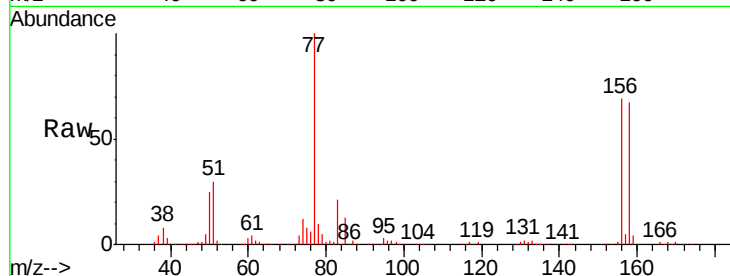
Tgt Ion:156 Resp: 174895

Ion Ratio Lower Upper

156 100

77 145.1 73.4 220.2

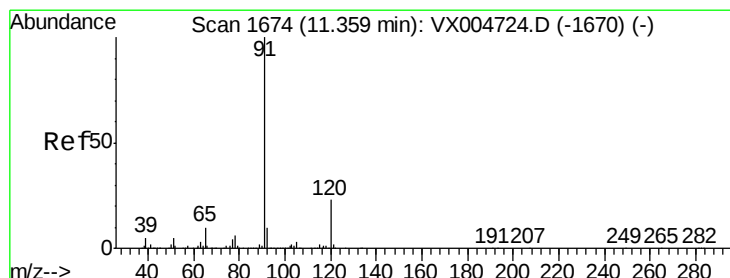
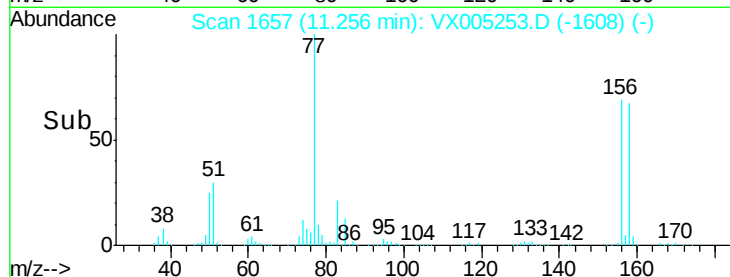
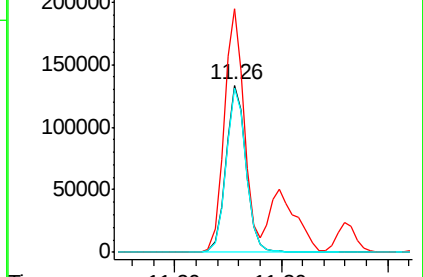
158 98.1 49.1 147.4



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: 59.80 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005253.D

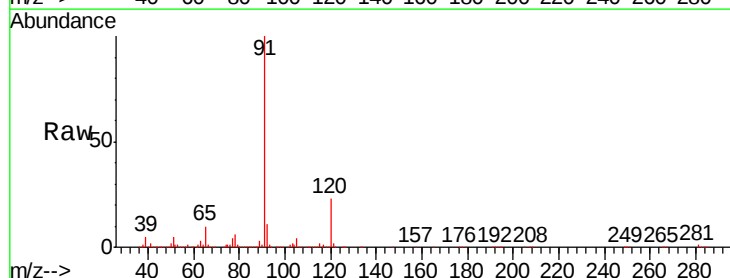
Acq: 11 Oct 2018 13:54

Tgt Ion: 91 Resp: 752300

Ion Ratio Lower Upper

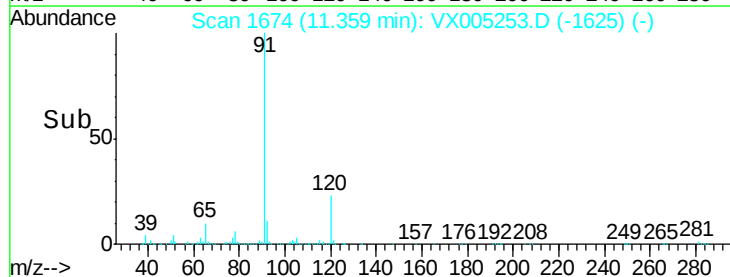
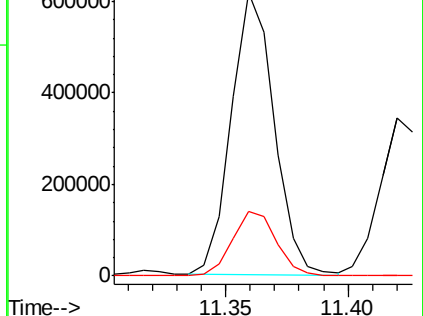
91 100

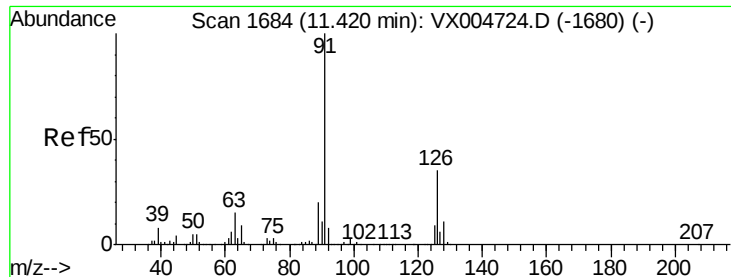
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 56.74 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

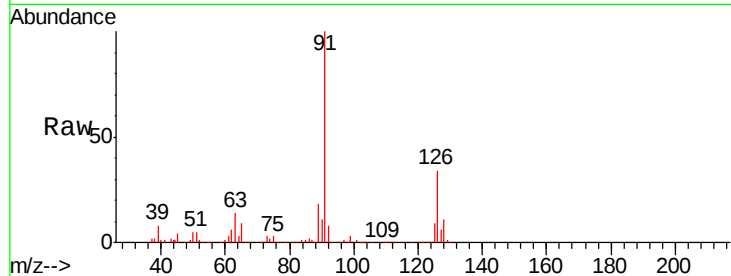
VSTDCCC050EC

Tgt Ion: 91 Resp: 444924

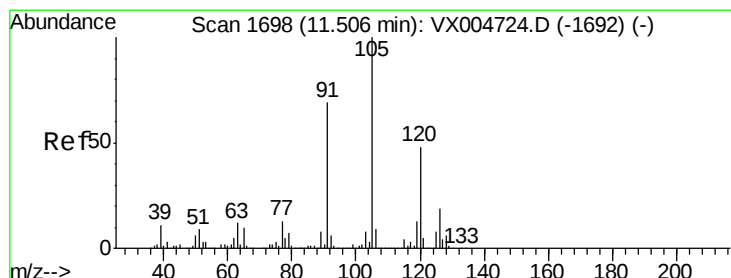
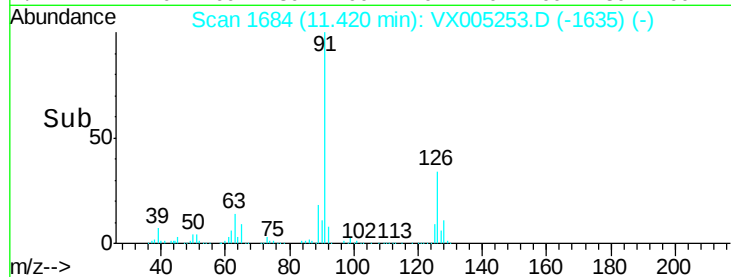
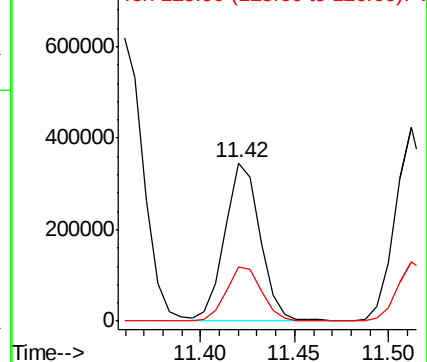
Ion Ratio Lower Upper

91 100

126 35.3 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1680) (-)



#80

1,3,5-Trimethylbenzene

Concen: 55.51 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005253.D

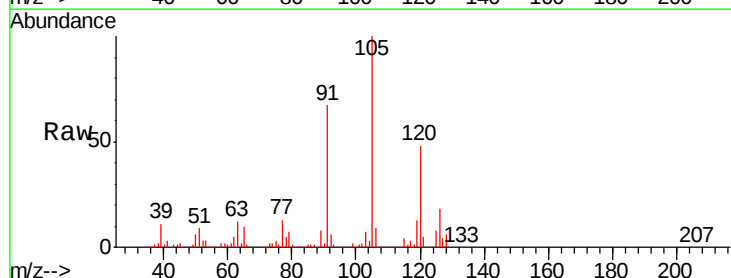
Acq: 11 Oct 2018 13:54

Tgt Ion: 105 Resp: 557643

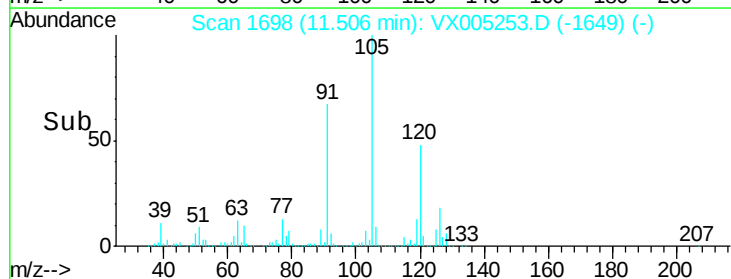
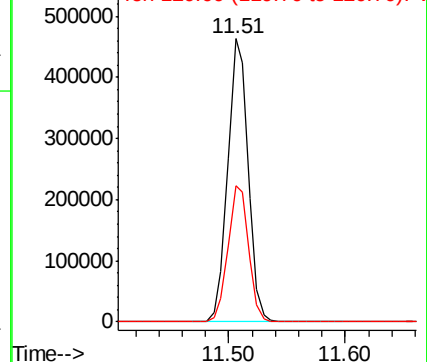
Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX004724.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 46.31 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

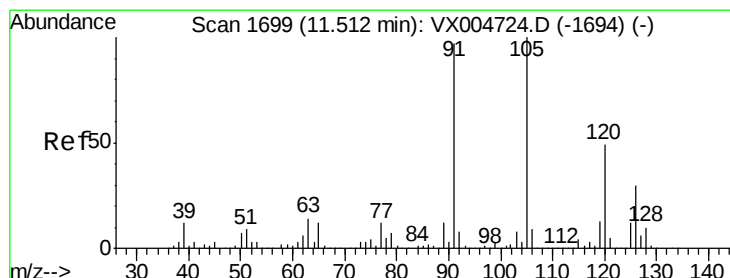
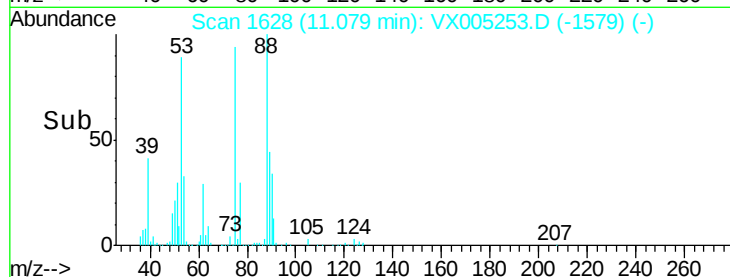
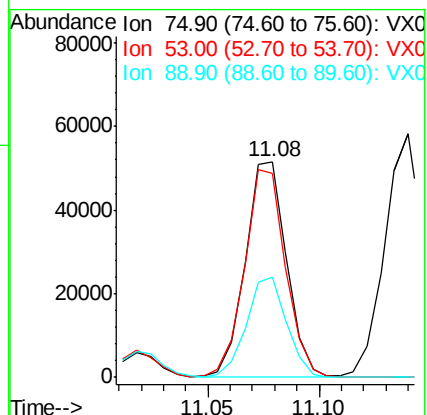
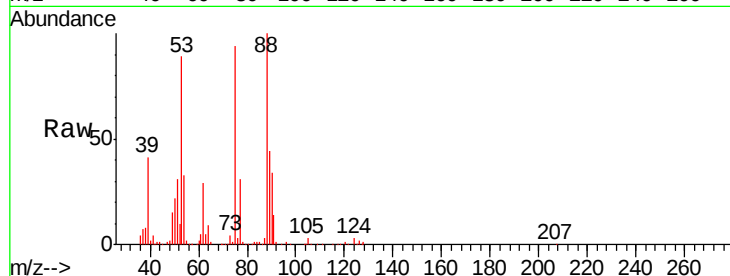
Tgt Ion: 75 Resp: 65985

Ion Ratio Lower Upper

75 100

53 96.8 80.2 120.4

89 46.1 37.1 55.7



#82

4-Chlorotoluene

Concen: 57.02 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005253.D

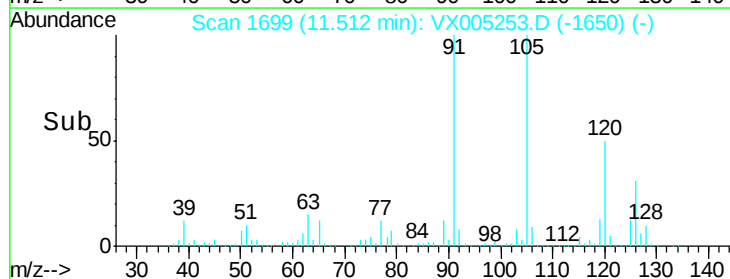
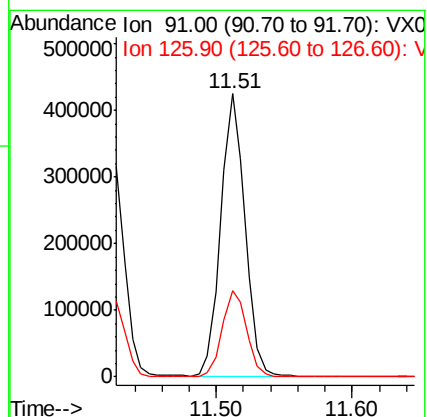
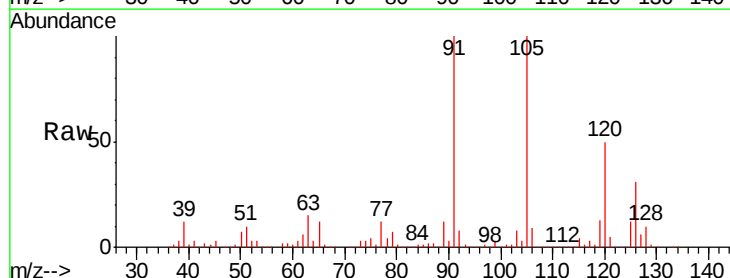
Acq: 11 Oct 2018 13:54

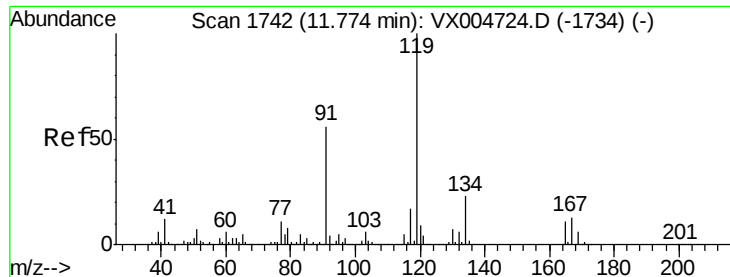
Tgt Ion: 91 Resp: 526322

Ion Ratio Lower Upper

91 100

126 30.9 15.5 46.5

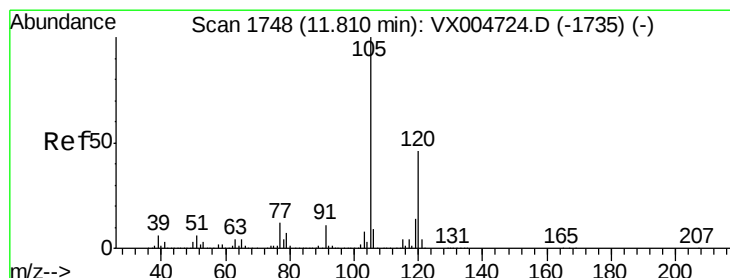
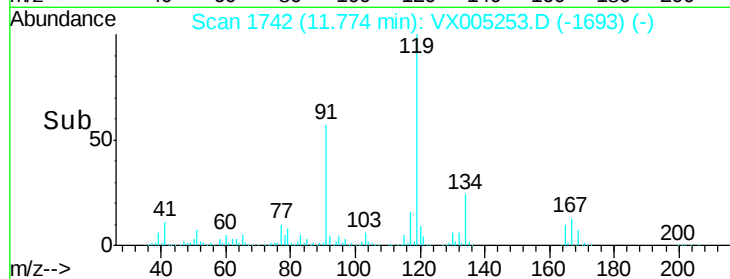
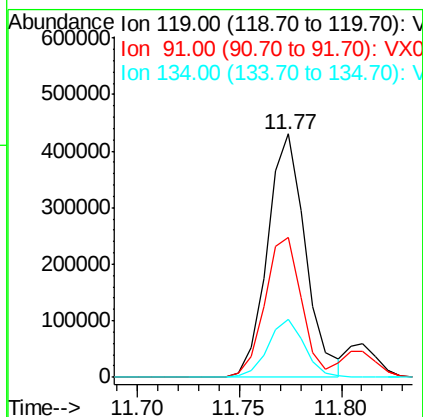
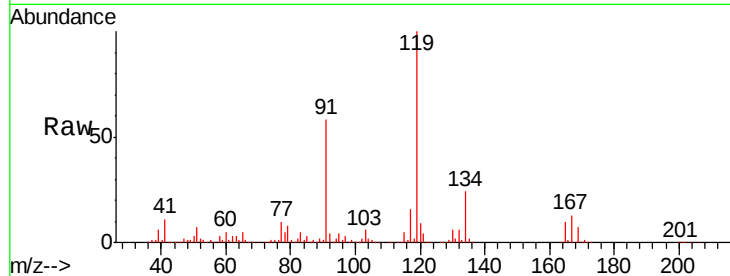




#83
 tert-Butylbenzene
 Concen: 61.84 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

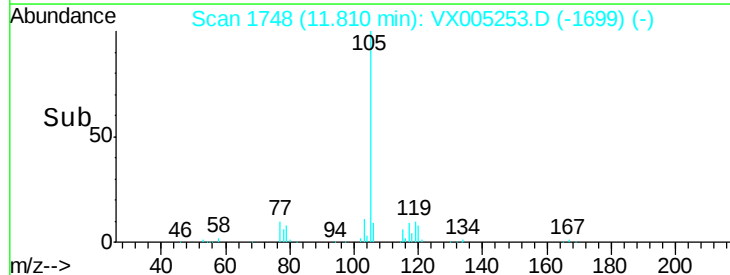
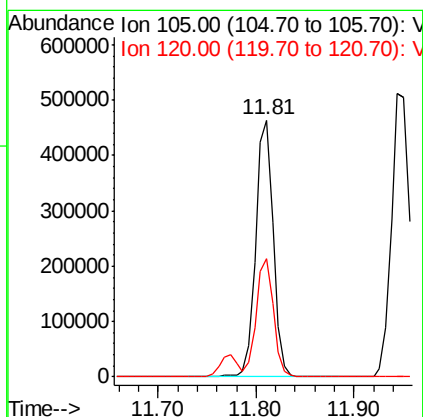
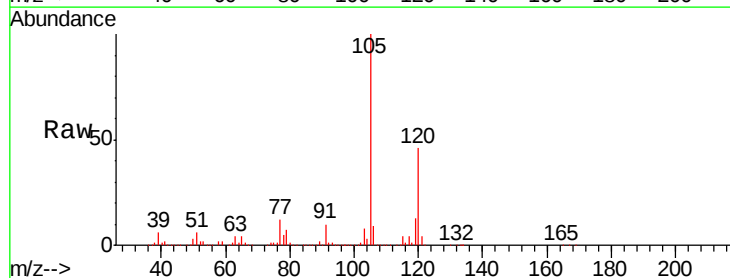
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

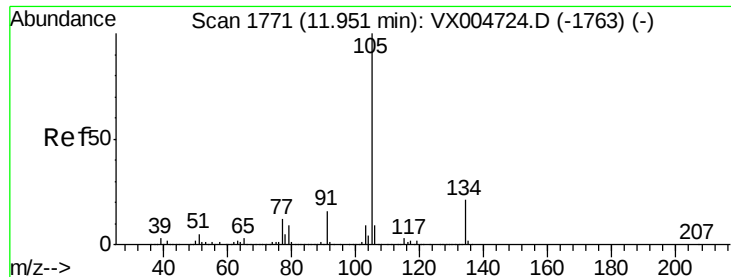
Tgt Ion:119 Resp: 558256
 Ion Ratio Lower Upper
 119 100
 91 55.7 27.5 82.5
 134 22.9 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 55.43 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

Tgt Ion:105 Resp: 574273
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.8 68.3

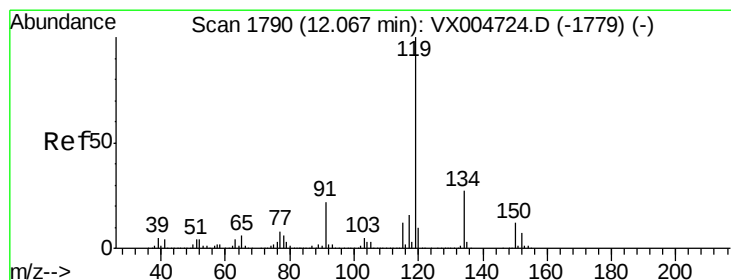
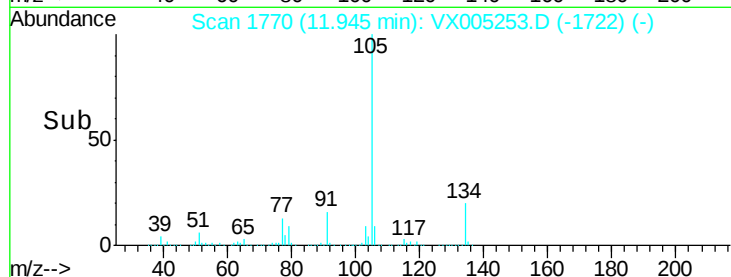
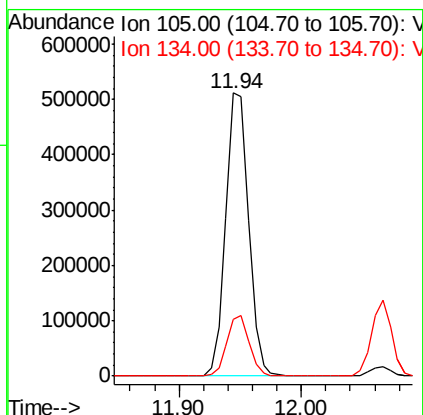
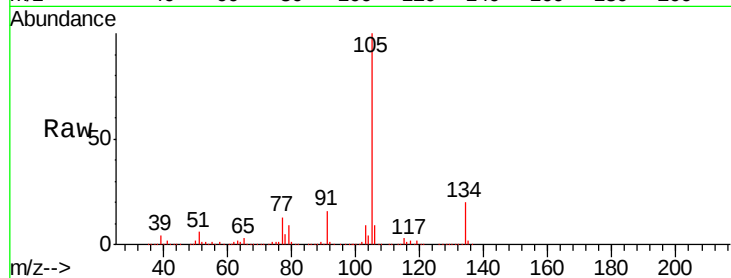




#85
 sec-Butylbenzene
 Concen: 60.23 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

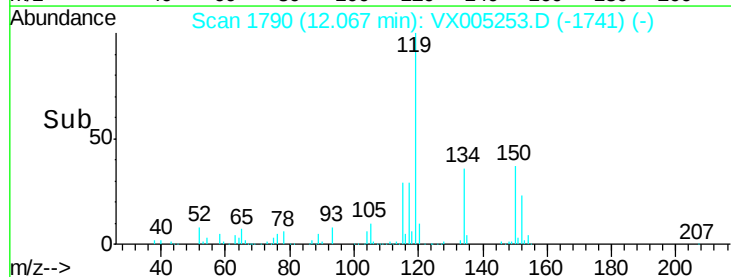
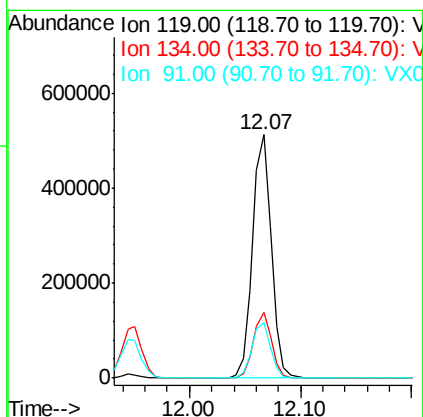
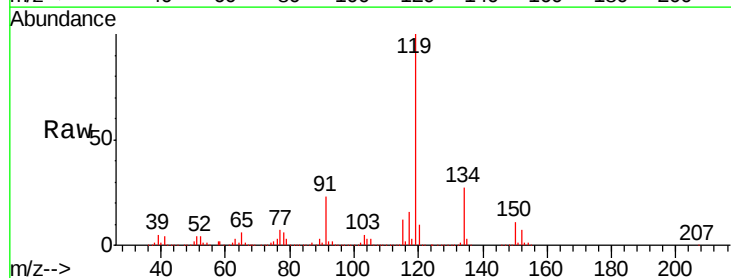
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

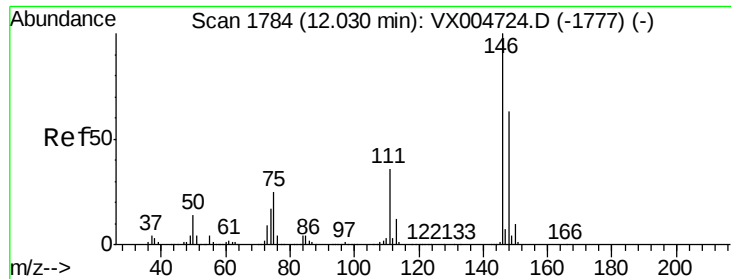
Tgt Ion:105 Resp: 662280
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 60.30 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

Tgt Ion:119 Resp: 600709
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.4 40.1
 91 22.9 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 54.41 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

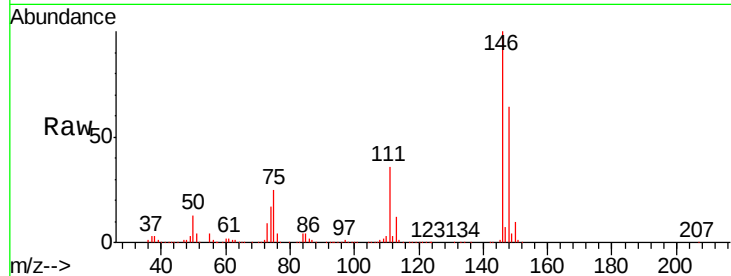
Tgt Ion:146 Resp: 323567

Ion Ratio Lower Upper

146 100

111 38.2 18.9 56.9

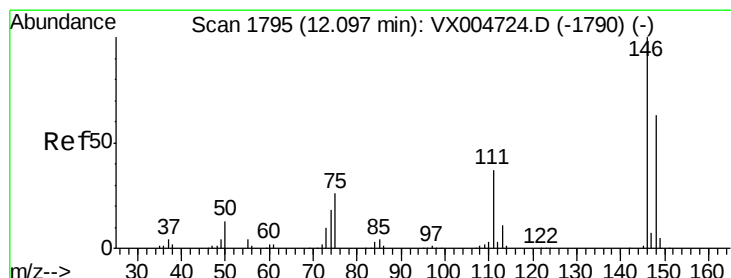
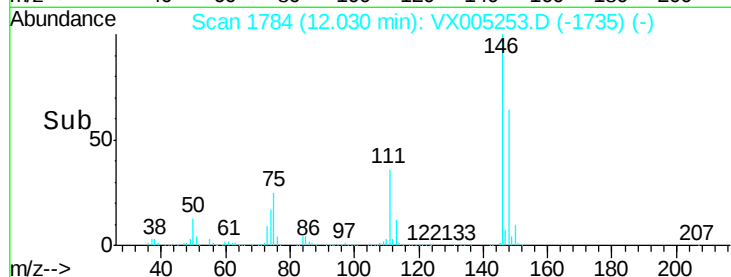
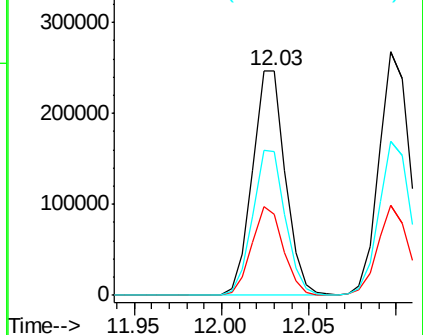
148 64.3 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 53.71 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

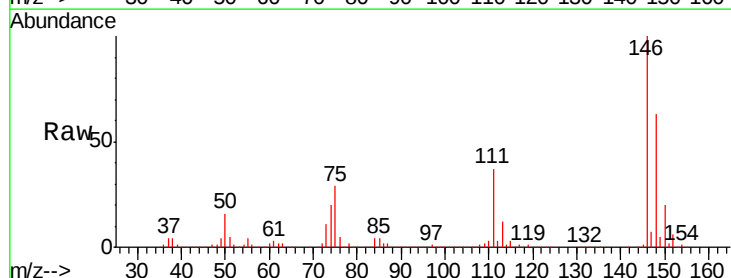
Tgt Ion:146 Resp: 329724

Ion Ratio Lower Upper

146 100

111 36.6 18.4 55.2

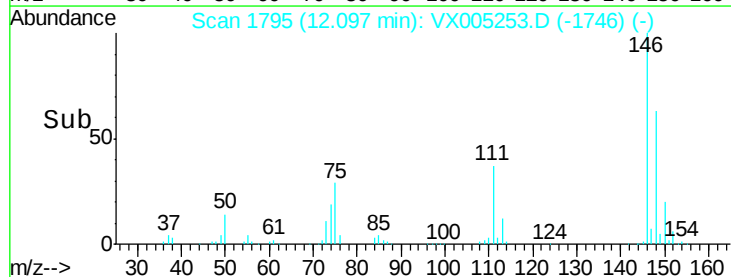
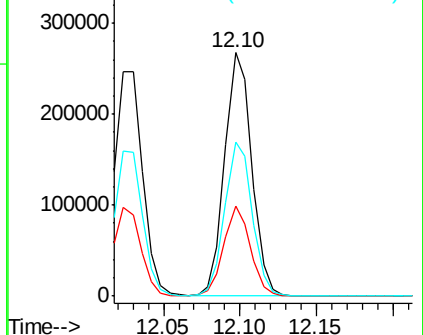
148 64.1 32.0 96.0

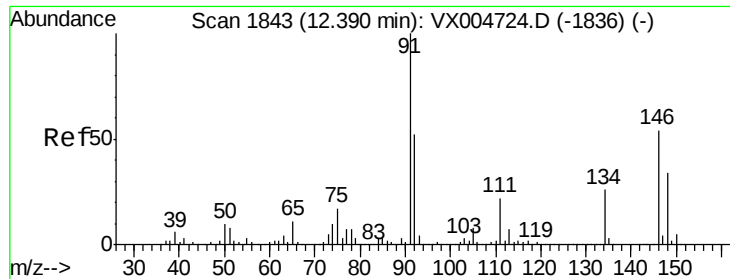


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 59.23 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX005253.D

Acq: 11 Oct 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

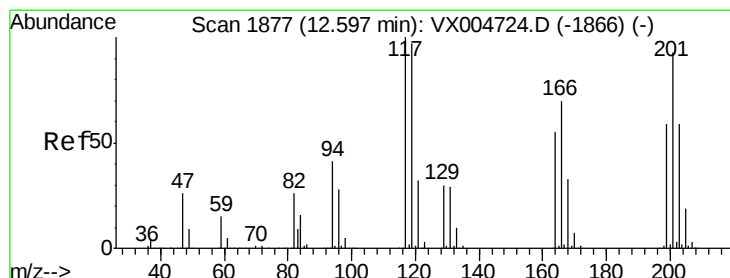
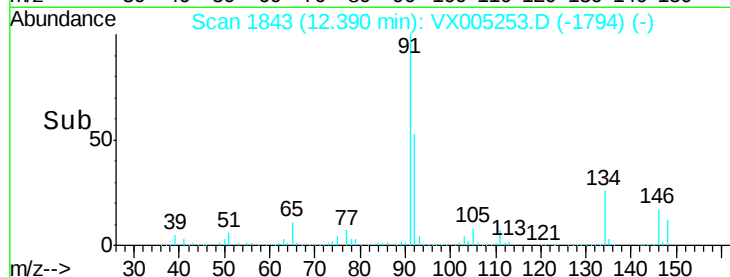
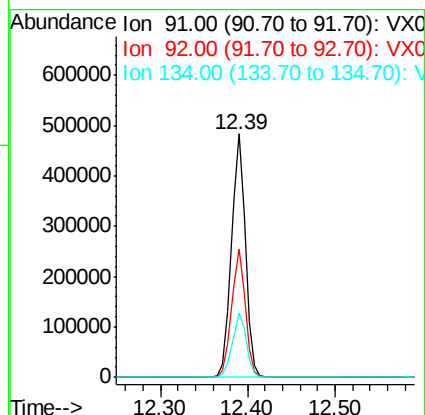
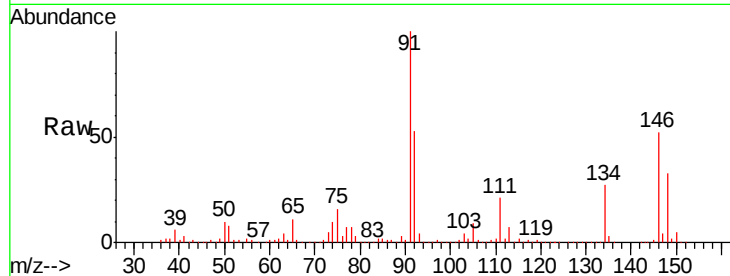
Tgt Ion: 91 Resp: 535879

Ion Ratio Lower Upper

91 100

92 52.0 26.0 78.0

134 26.6 13.2 39.6



#90

Hexachloroethane

Concen: 60.09 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX005253.D

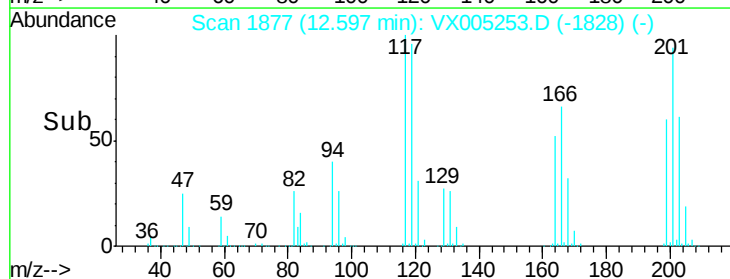
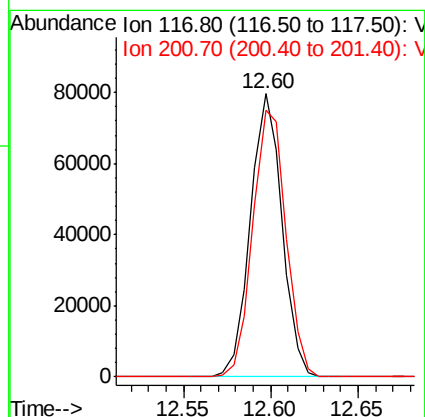
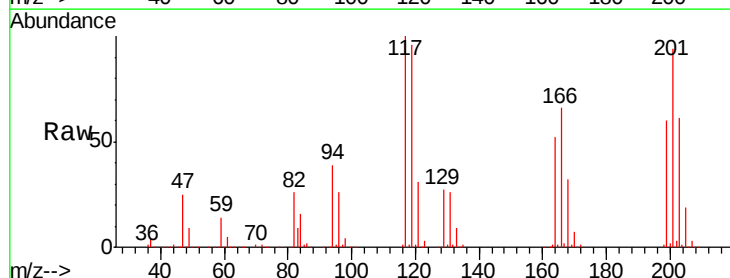
Acq: 11 Oct 2018 13:54

Tgt Ion: 117 Resp: 99681

Ion Ratio Lower Upper

117 100

201 99.2 48.4 145.0

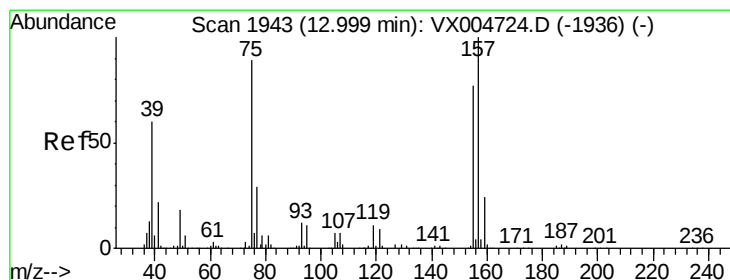
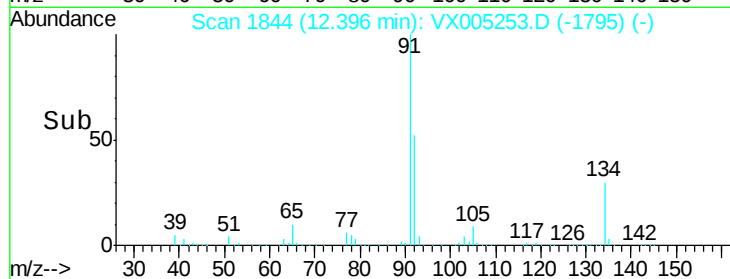
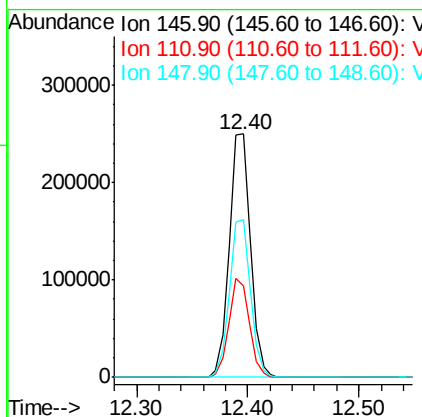
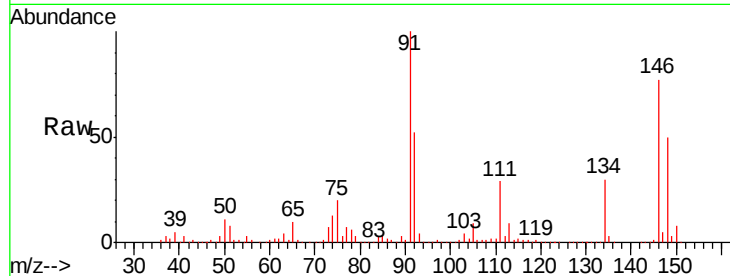




#91
 1,2-Dichlorobenzene
 Concen: 52.92 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

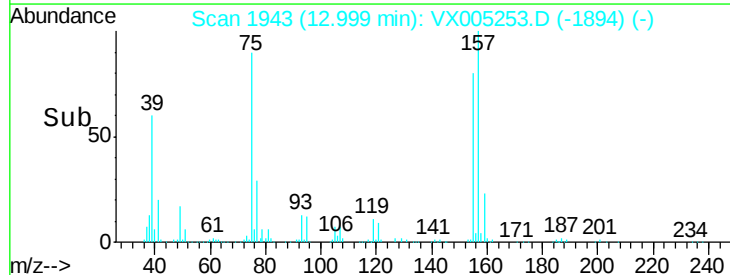
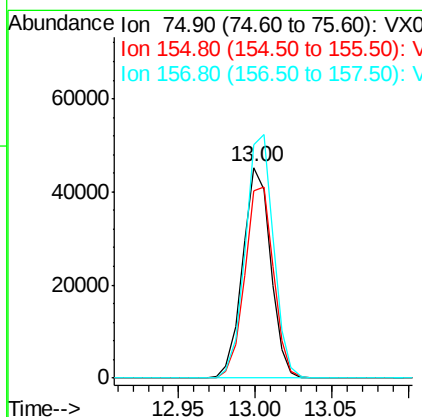
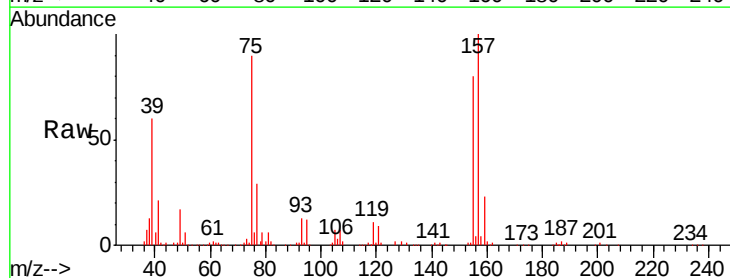
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 146 Resp: 328890
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.6 58.7
 148 64.4 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.56 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

Tgt Ion: 75 Resp: 57392
 Ion Ratio Lower Upper
 75 100
 155 93.0 46.1 138.3
 157 116.4 60.2 180.6

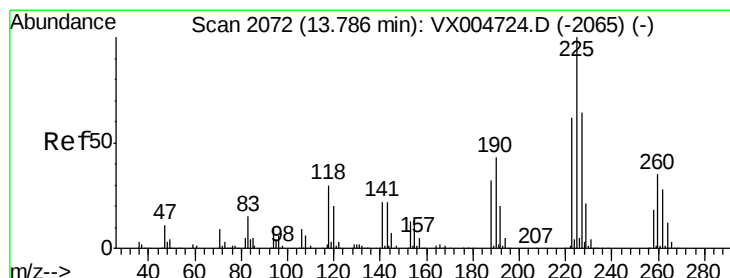
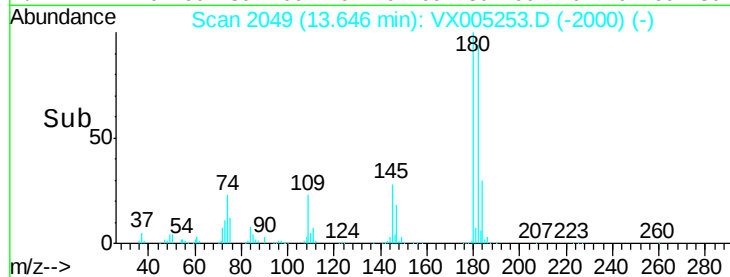
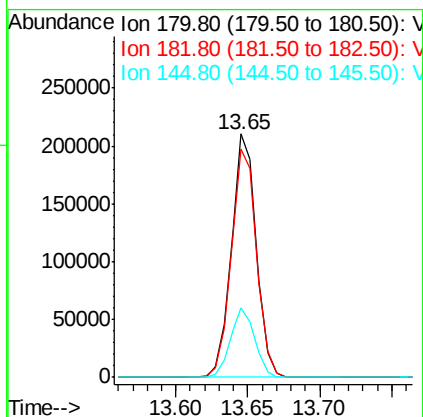
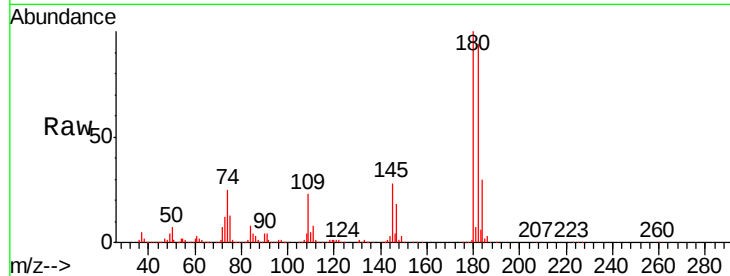




#93
 1,2,4-Trichlorobenzene
 Concen: 58.01 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

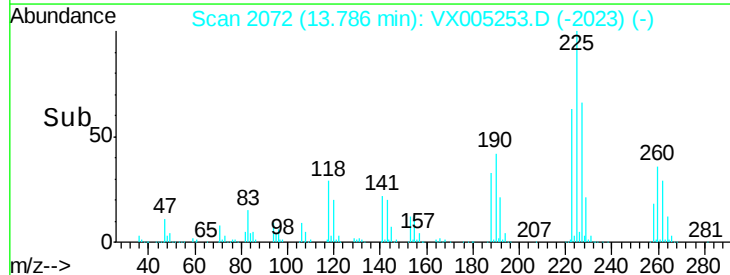
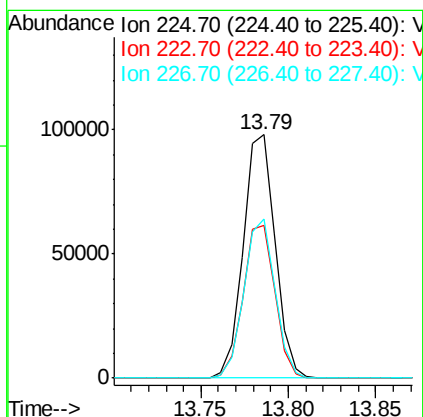
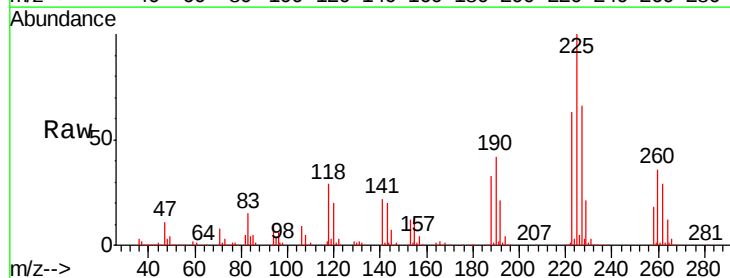
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 252894
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.8 143.4
 145 28.1 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 54.88 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005253.D
 Acq: 11 Oct 2018 13:54

Tgt Ion:225 Resp: 124064
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.3 93.8
 227 63.8 31.9 95.5

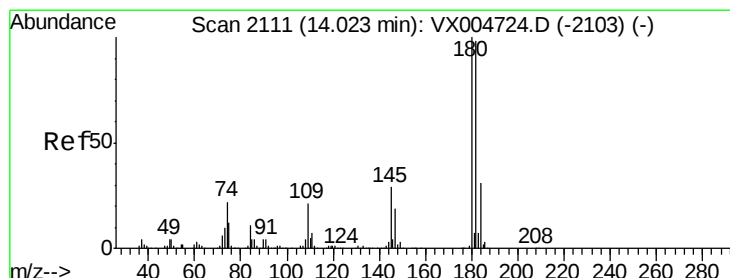
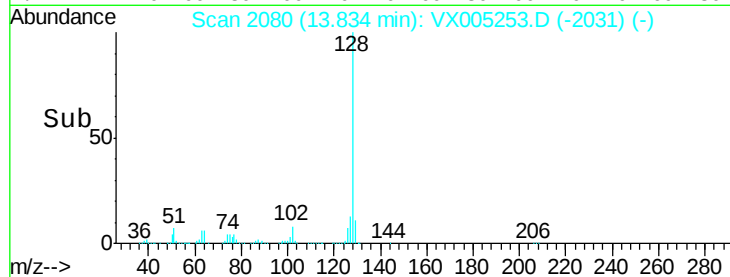
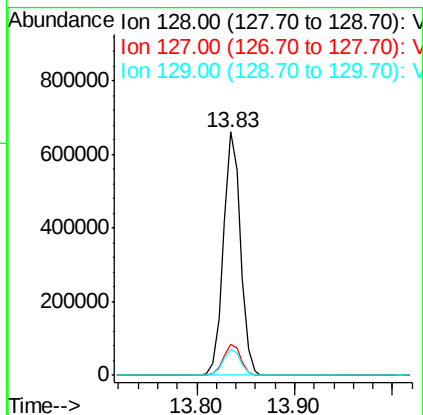
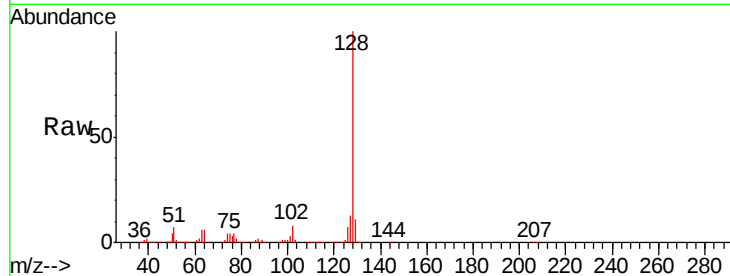




#95
Naphthalene
Concen: 54.89 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 795323
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 57.87 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX005253.D
Acq: 11 Oct 2018 13:54

Tgt Ion:180 Resp: 260603
Ion Ratio Lower Upper
180 100
182 95.8 47.9 143.8
145 29.5 15.0 45.0

