

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072118\
 Data File : VX003567.D
 Acq On : 21 Jul 2018 20:39
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 23 01:41:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	279374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	408622	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	382131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	235352	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	180462	54.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.14%	
35) Dibromofluoromethane	5.51	113	161474	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
50) Toluene-d8	8.72	98	605259	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
62) 4-Bromofluorobenzene	11.14	95	222802	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	117039	52.81	ug/l	96
3) Chloromethane	1.32	50	151906	55.38	ug/l	98
4) Vinyl Chloride	1.41	62	175425	49.43	ug/l	99
5) Bromomethane	1.64	94	75040	53.32	ug/l	98
6) Chloroethane	1.72	64	108488	51.66	ug/l	99
7) Trichlorofluoromethane	1.93	101	238587	50.39	ug/l	99
8) Diethyl Ether	2.19	74	99584	48.97	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	147446	47.58	ug/l	97
10) Methyl Iodide	2.51	142	198949	53.44	ug/l	93
11) Tert butyl alcohol	3.08	59	172640	263.82	ug/l	100
12) 1,1-Dichloroethene	2.37	96	140194	49.13	ug/l	97
13) Acrolein	2.30	56	59859	202.45	ug/l	97
14) Allyl chloride	2.73	41	256143	50.71	ug/l	# 85
15) Acrylonitrile	3.15	53	440480	264.39	ug/l	98
16) Acetone	2.45	43	343694	275.14	ug/l	93
17) Carbon Disulfide	2.57	76	384945	49.88	ug/l	99
18) Methyl Acetate	2.78	43	215132	54.63	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	491982	52.80	ug/l	97
20) Methylene Chloride	2.85	84	168476	55.25	ug/l	# 81
21) trans-1,2-Dichloroethene	3.17	96	157079	49.48	ug/l	89
22) Diisopropyl ether	3.88	45	530335	55.80	ug/l	92
23) Vinyl Acetate	3.82	43	2118886	270.63	ug/l	97
24) 1,1-Dichloroethane	3.70	63	305071	54.70	ug/l	99
25) 2-Butanone	4.71	43	596922	284.81	ug/l	97
26) 2,2-Dichloropropane	4.58	77	196442	46.38	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	186562	52.78	ug/l	95
28) Bromochloromethane	5.01	49	136555	56.02	ug/l	88
29) Tetrahydrofuran	5.17	42	391016	282.42	ug/l	92
30) Chloroform	5.21	83	311604	57.22	ug/l	91
31) Cyclohexane	5.58	56	253185	50.81	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	253520	54.37	ug/l	98
36) 1,1-Dichloropropene	5.80	75	218578	49.54	ug/l	99
37) Ethyl Acetate	4.86	43	231192	55.38	ug/l	96
38) Carbon Tetrachloride	5.79	117	222994	51.53	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	262365	50.21	ug/l	87
40) Benzene	6.15	78	668421	50.18	ug/l	100
41) Methacrylonitrile	5.07	41	132807	54.13	ug/l	92
42) 1,2-Dichloroethane	6.20	62	224671	53.53	ug/l	97
43) Isopropyl Acetate	6.47	43	351075	52.87	ug/l	94
44) Trichloroethene	7.21	130	192952	48.57	ug/l	98
45) 1,2-Dichloropropane	7.52	63	176075	52.06	ug/l	100
46) Dibromomethane	7.66	93	114021	52.36	ug/l	97
47) Bromodichloromethane	7.90	83	216527	54.32	ug/l	98
48) Methyl methacrylate	7.78	41	186429	55.67	ug/l	86
49) 1,4-Dioxane	7.76	88	76054	1002.28	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1174471	279.94	ug/l	93
52) Toluene	8.79	92	426022	50.81	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	256582	52.29	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	233475	52.91	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	173188	51.91	ug/l	98
56) Ethyl methacrylate	9.18	69	256256	54.53	ug/l #	84
57) 1,3-Dichloropropane	9.37	76	285486	52.94	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	594254	260.06	ug/l	98
59) 2-Hexanone	9.50	43	870871	280.16	ug/l	89
60) Dibromochloromethane	9.59	129	179479	54.35	ug/l	100
61) 1,2-Dibromoethane	9.68	107	180440	52.17	ug/l	100
64) Tetrachloroethene	9.34	164	230164	49.44	ug/l	99
65) Chlorobenzene	10.14	112	486450	49.41	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	175891	51.92	ug/l	100
67) Ethyl Benzene	10.26	91	811652	51.27	ug/l	100
68) m/p-Xylenes	10.36	106	637224	102.68	ug/l	97
69) o-Xylene	10.70	106	307210	51.19	ug/l	97
70) Styrene	10.71	104	522993	52.98	ug/l	97
71) Bromoform	10.86	173	139555	53.02	ug/l #	99
73) Isopropylbenzene	11.02	105	829750	50.98	ug/l	100
74) N-amyl acetate	6.47	43	351075	50.80	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	246470	51.67	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	285775	67.59	ug/l	79
77) Bromobenzene	11.26	156	227548	48.61	ug/l	97
78) n-propylbenzene	11.37	91	936957	51.79	ug/l	99
79) 2-Chlorotoluene	11.43	91	554536	50.49	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	690870	51.65	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	67060	45.28	ug/l	90
82) 4-Chlorotoluene	11.51	91	649345	50.45	ug/l	98
83) tert-Butylbenzene	11.77	119	658207	50.24	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	704960	51.79	ug/l	98
85) sec-Butylbenzene	11.95	105	814093	51.16	ug/l	100
86) p-Isopropyltoluene	12.07	119	735647	51.52	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	411720	47.84	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	415757	46.90	ug/l	99
89) n-Butylbenzene	12.39	91	592474	48.86	ug/l	99
90) Hexachloroethane	12.60	117	100596	49.56	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	410332	48.38	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48988	52.77	ug/l	90

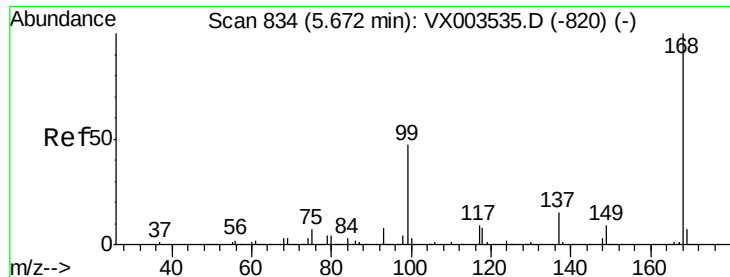
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	289261	46.53	ug/l	99
94) Hexachlorobutadiene	13.79	225	136928	45.80	ug/l	99
95) Naphthalene	13.84	128	843047	51.61	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	297246	48.31	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

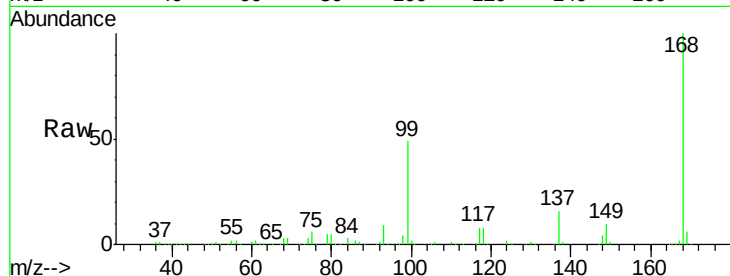
VSTDCCC050EC

Tot Ion:168 Resp: 279374

Ion Ratio Lower Upper

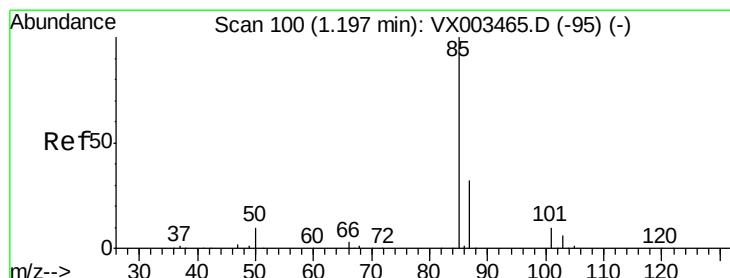
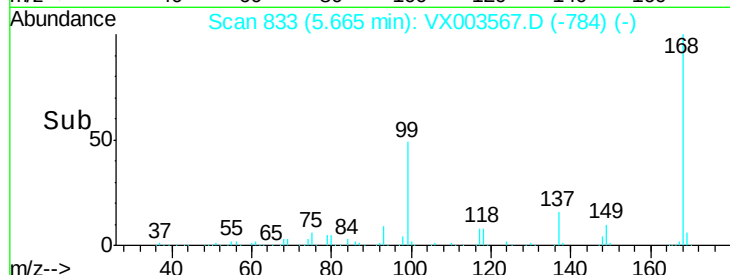
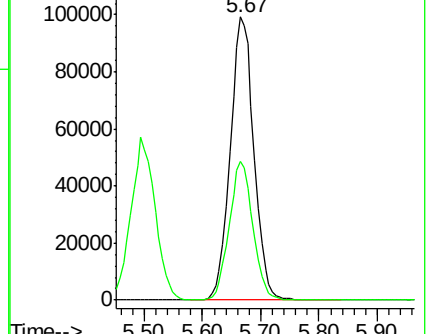
168 100

99 49.1 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: 52.81 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003567.D

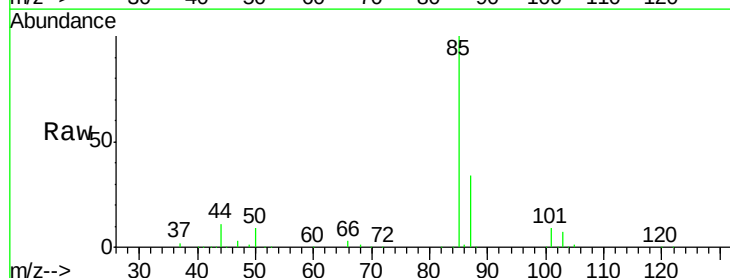
Acq: 21 Jul 2018 20:39

Tgt Ion: 85 Resp: 117039

Ion Ratio Lower Upper

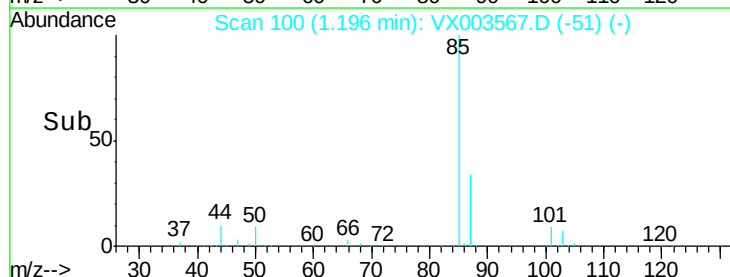
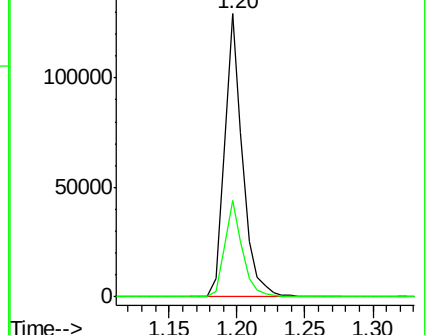
85 100

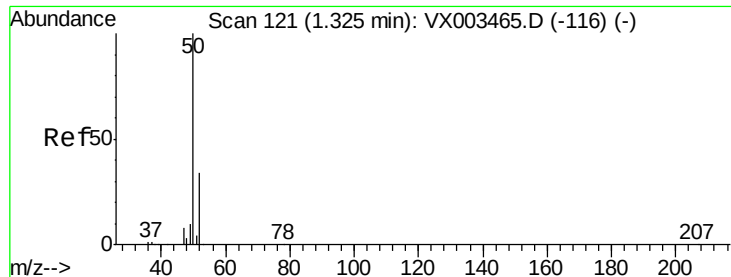
87 33.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 55.38 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

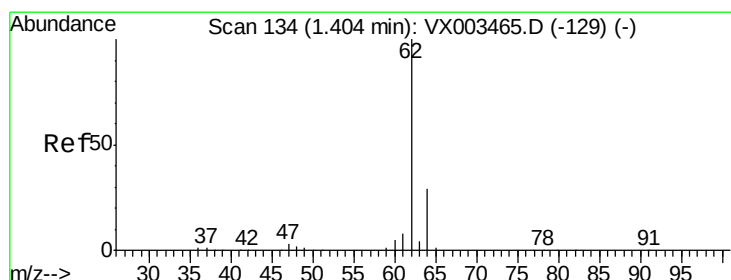
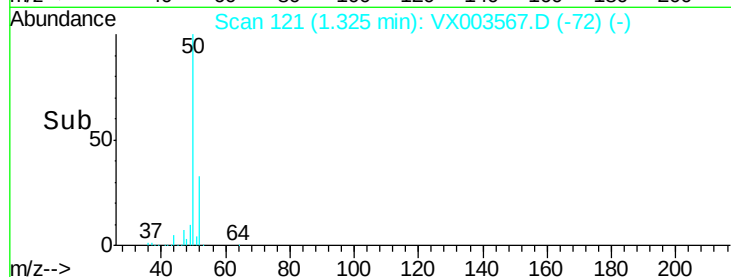
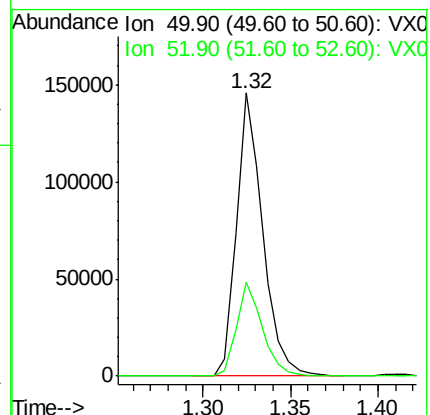
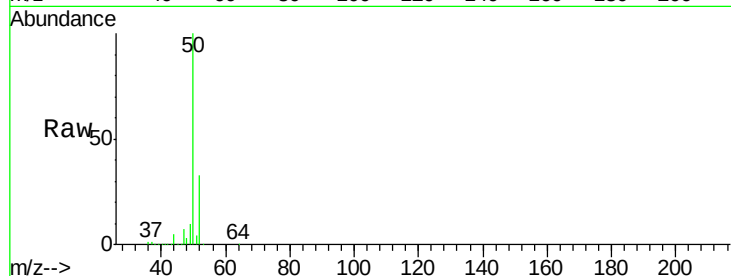
VSTDCCC050EC

Tot Ion: 50 Resp: 151906

Ion Ratio Lower Upper

50 100

52 33.4 25.7 38.5



#4

Vinyl Chloride

Concen: 49.43 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX003567.D

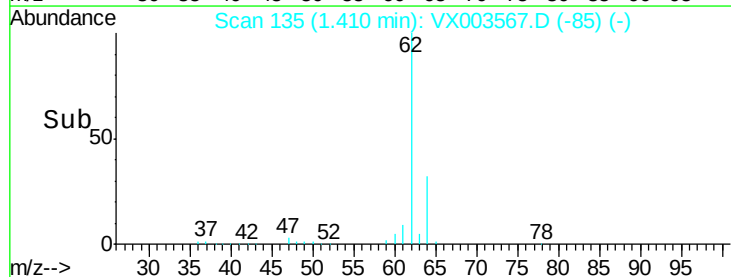
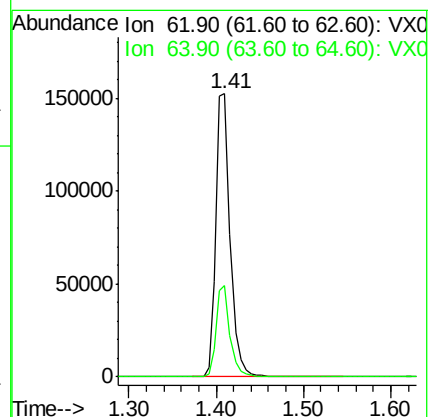
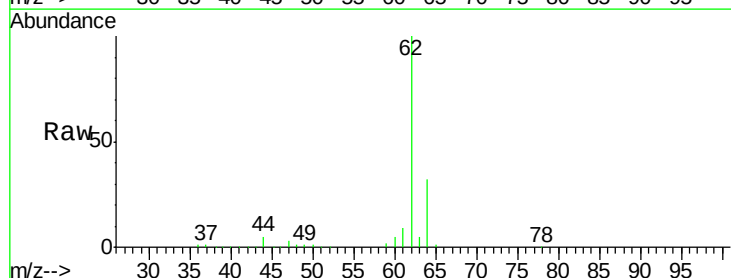
Acq: 21 Jul 2018 20:39

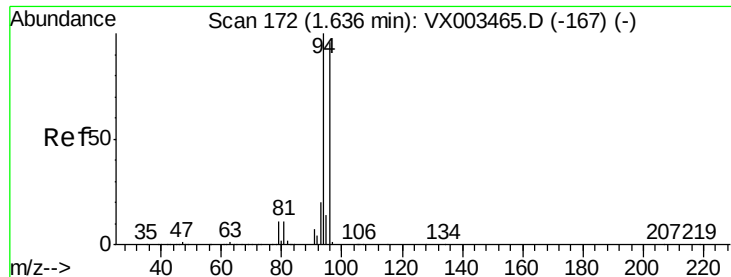
Tgt Ion: 62 Resp: 175425

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.2





#5

Bromomethane

Concen: 53.32 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

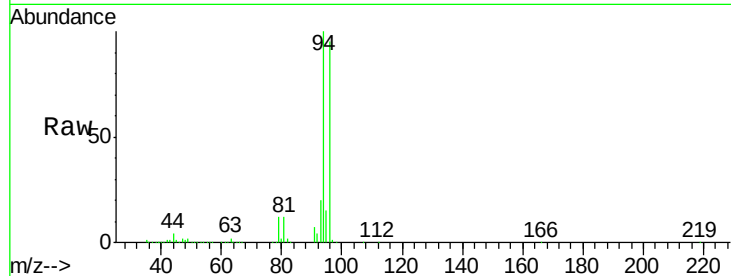
VSTDCCC050EC

Tot Ion: 94 Resp: 75040

Ion Ratio Lower Upper

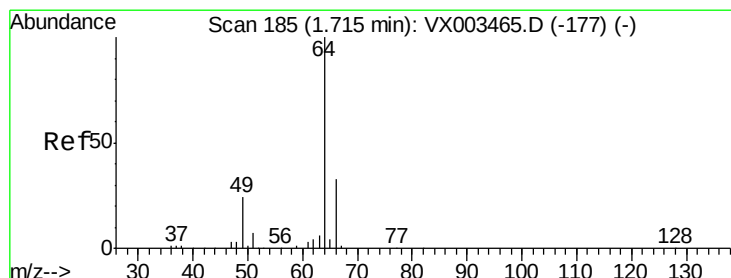
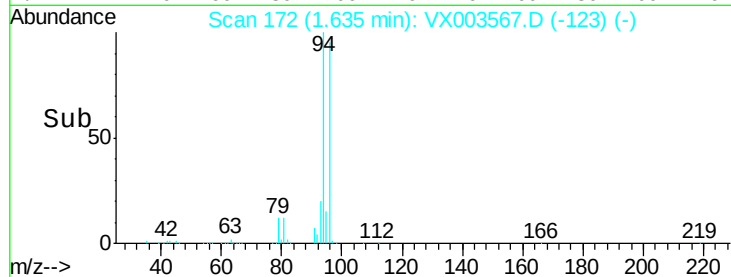
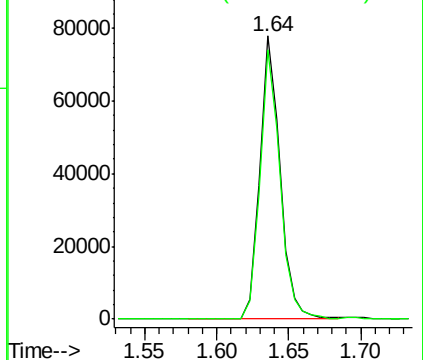
94 100

96 95.3 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.66 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003567.D

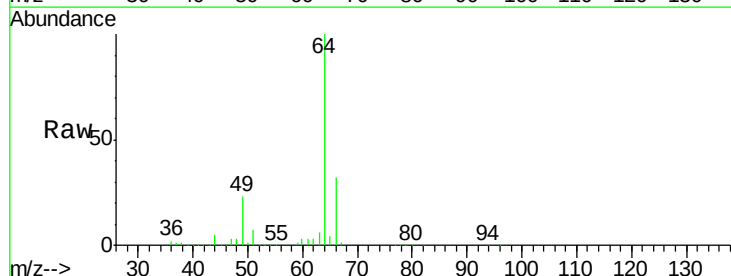
Acq: 21 Jul 2018 20:39

Tgt Ion: 64 Resp: 108488

Ion Ratio Lower Upper

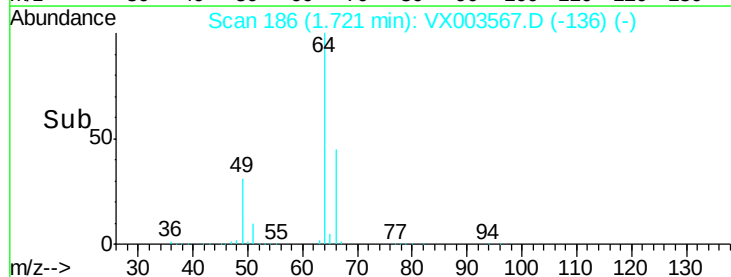
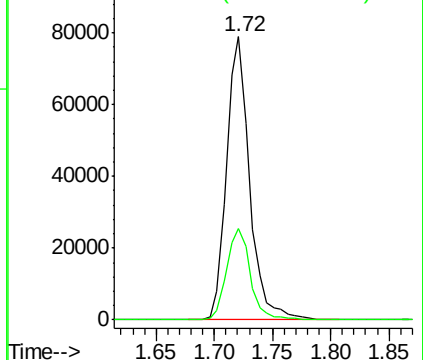
64 100

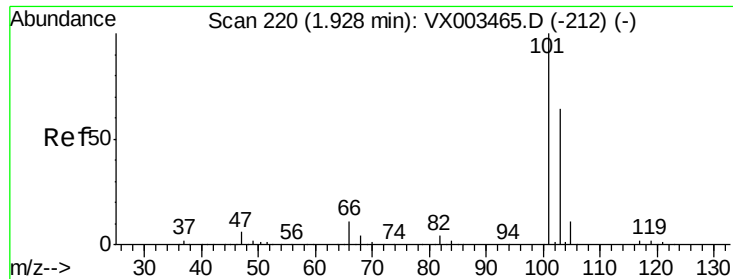
66 32.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 50.39 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

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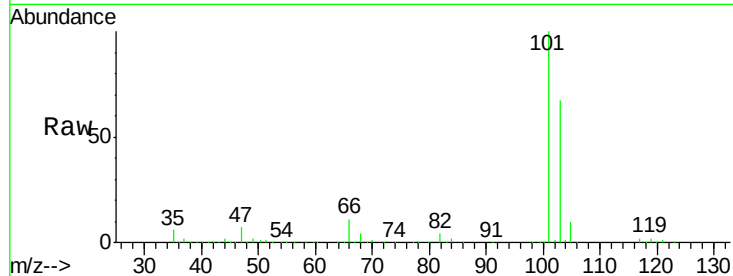
VSTDCCC050EC

Tot Ion:101 Resp: 238587

Ion Ratio Lower Upper

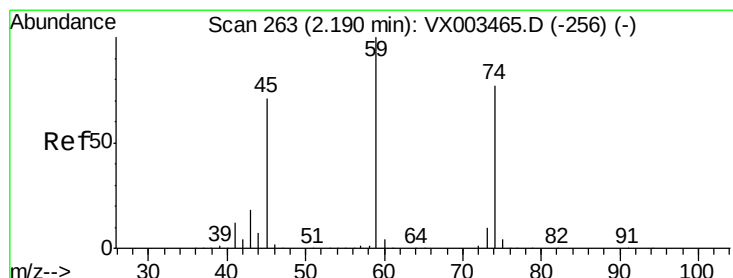
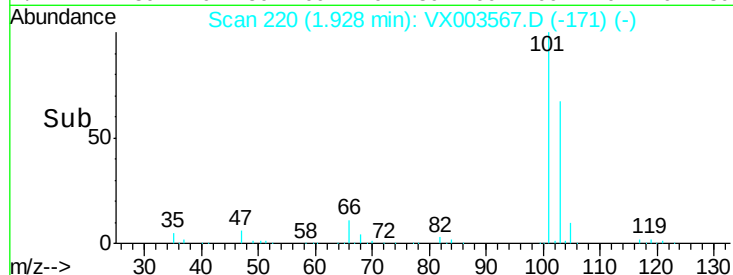
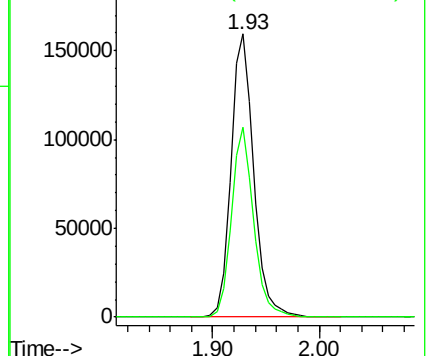
101 100

103 67.0 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 48.97 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX003567.D

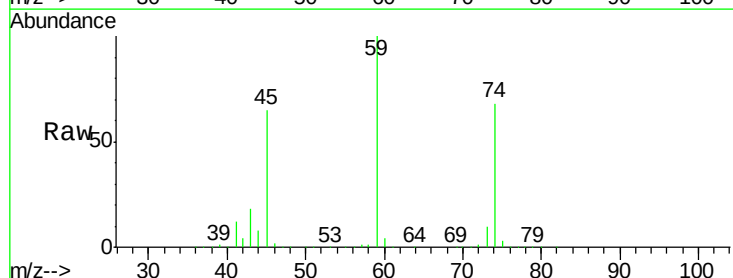
Acq: 21 Jul 2018 20:39

Tgt Ion: 74 Resp: 99584

Ion Ratio Lower Upper

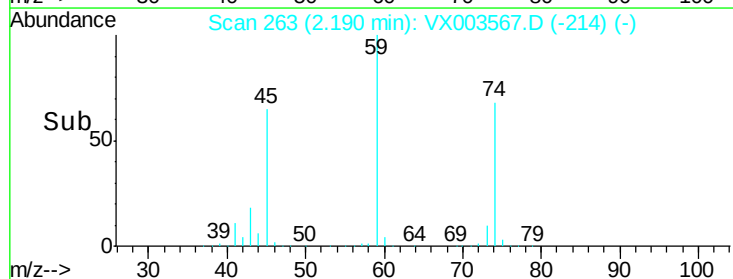
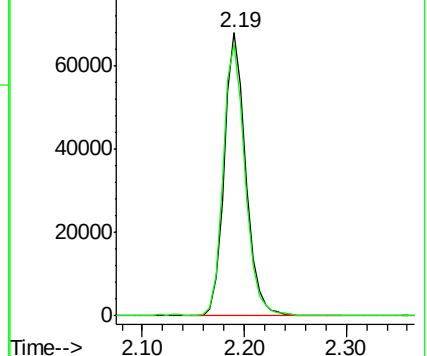
74 100

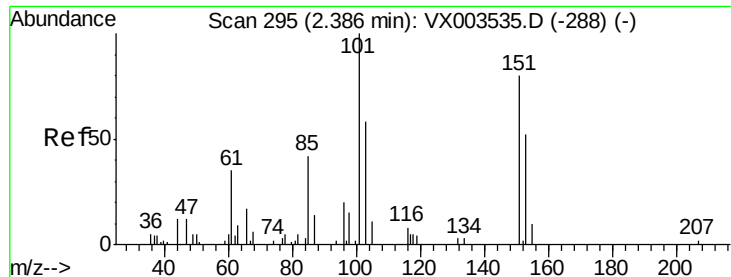
45 98.0 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.58 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

Instrument :

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ClientSampleId :

VSTDCCC050EC

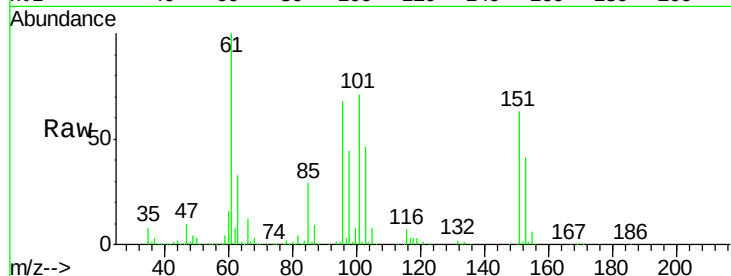
Tot Ion:101 Resp: 147446

Ion Ratio Lower Upper

101 100

85 41.6 36.0 54.0

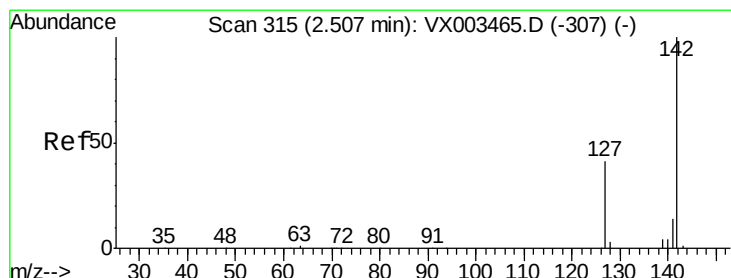
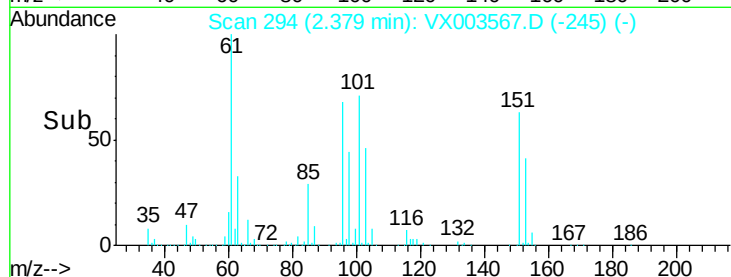
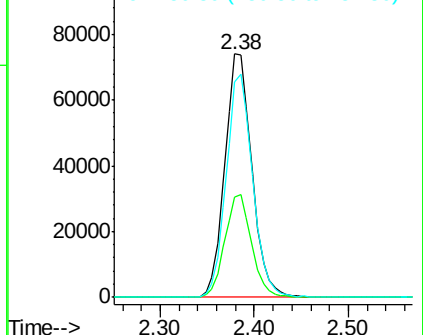
151 89.9 70.9 106.3



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: 53.44 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

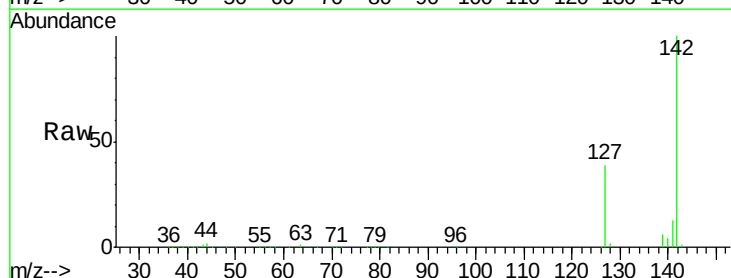
Tgt Ion:142 Resp: 198949

Ion Ratio Lower Upper

142 100

127 40.1 36.6 55.0

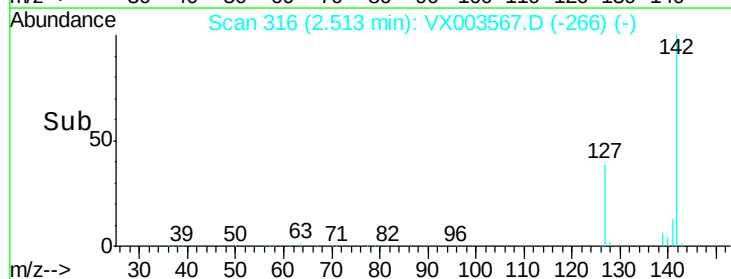
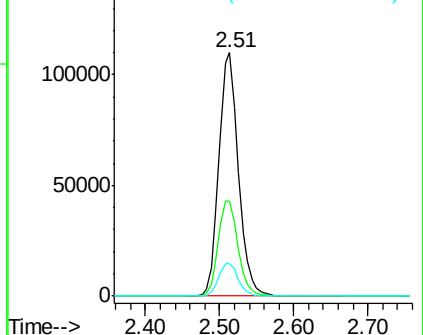
141 13.9 11.3 16.9

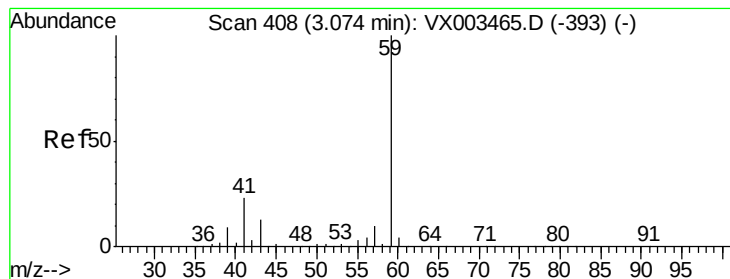


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



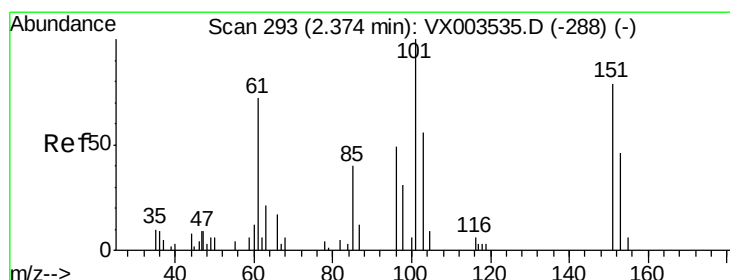
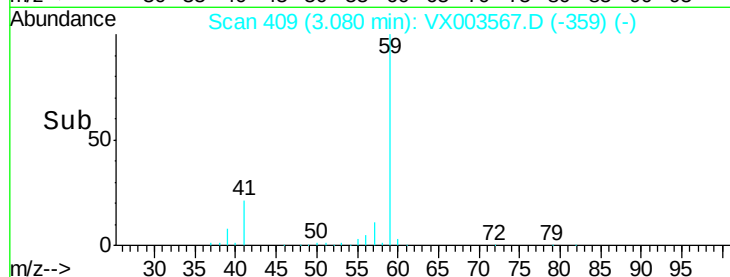
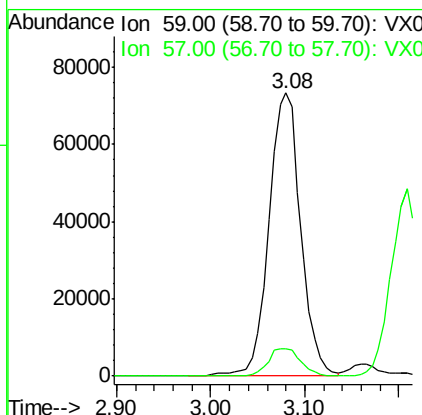
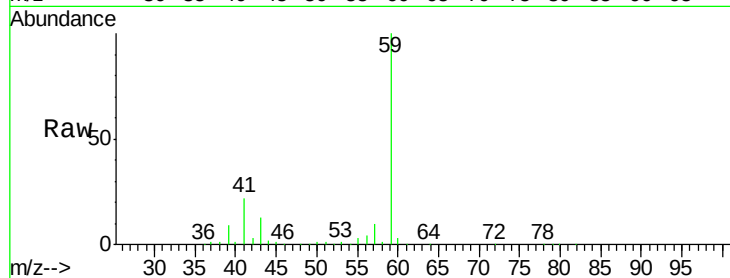


#11

Tert butyl alcohol
 Concen: 263.82 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: VX003567.D
 Acq: 21 Jul 2018 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

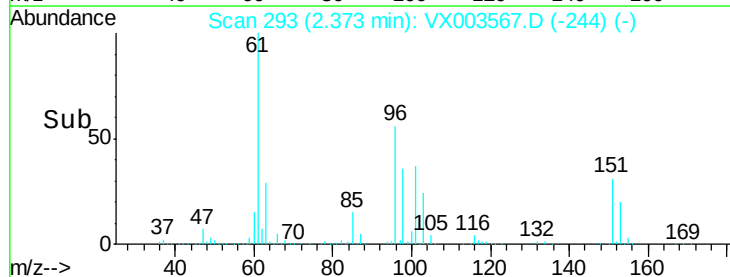
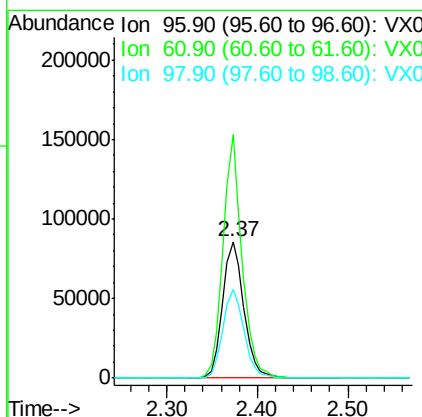
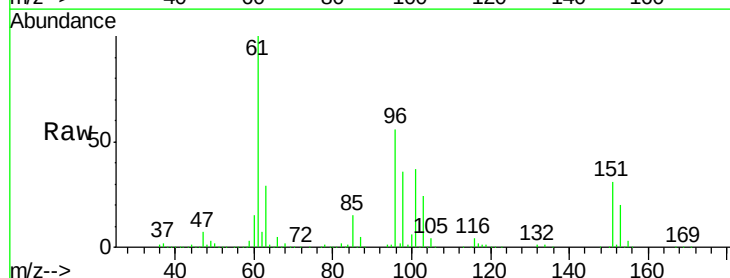
Tot Ion: 59 Resp: 172640
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.2

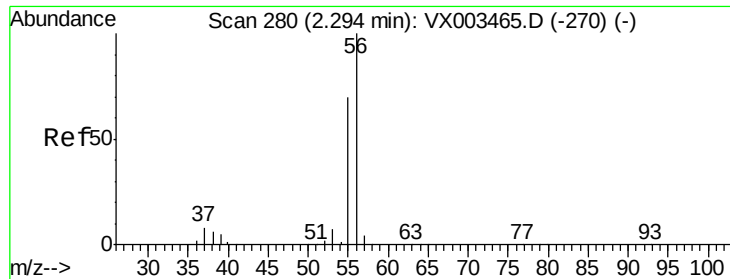


#12

1,1-Dichloroethene
 Concen: 49.13 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX003567.D
 Acq: 21 Jul 2018 20:39

Tgt Ion: 96 Resp: 140194
 Ion Ratio Lower Upper
 96 100
 61 178.8 137.9 206.9
 98 64.8 51.6 77.4





#13

Acrolein

Concen: 202.45 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

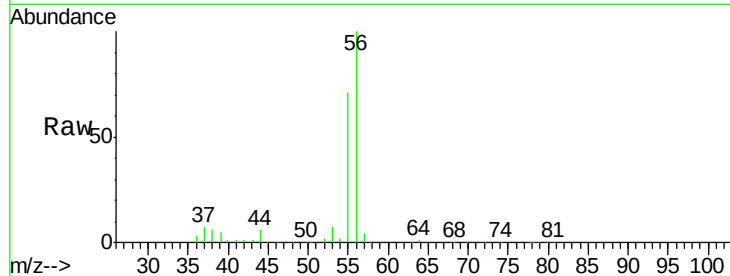
VSTDCCC050EC

Tot Ion: 56 Resp: 59859

Ion Ratio Lower Upper

56 100

55 74.0 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

40000

30000

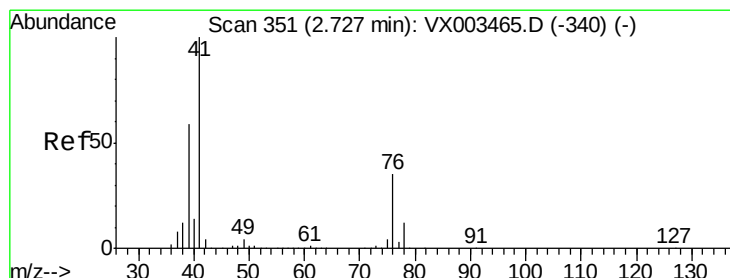
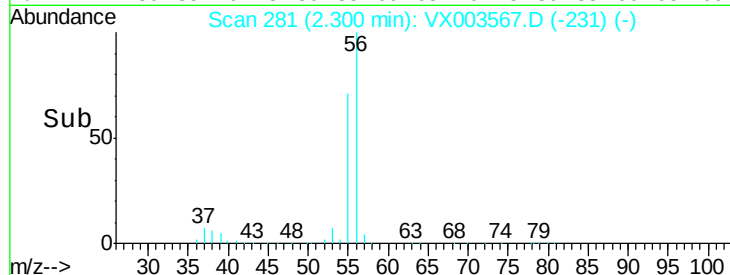
20000

10000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 50.71 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

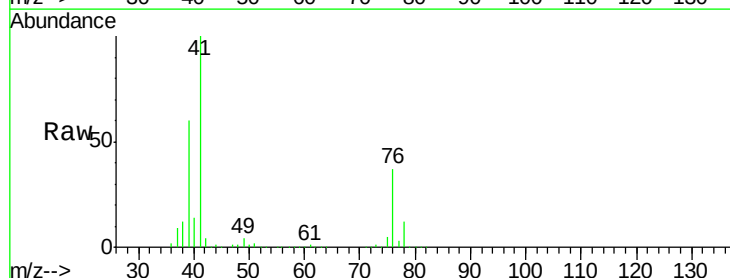
Tgt Ion: 41 Resp: 256143

Ion Ratio Lower Upper

41 100

39 56.4 56.8 85.2#

76 34.2 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

150000

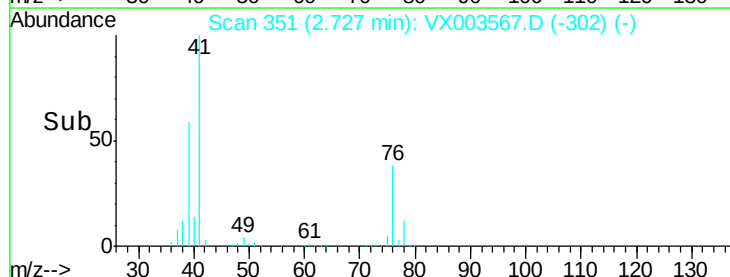
100000

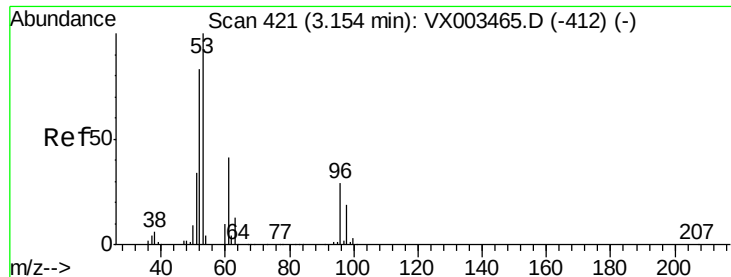
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 264.39 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

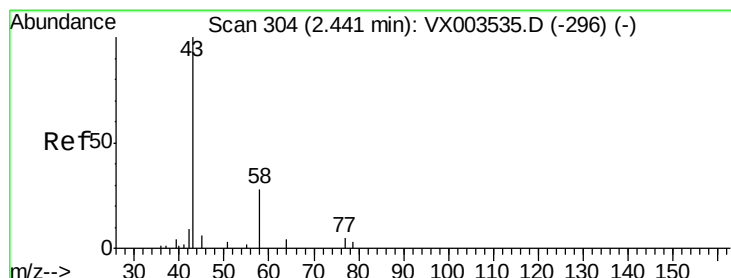
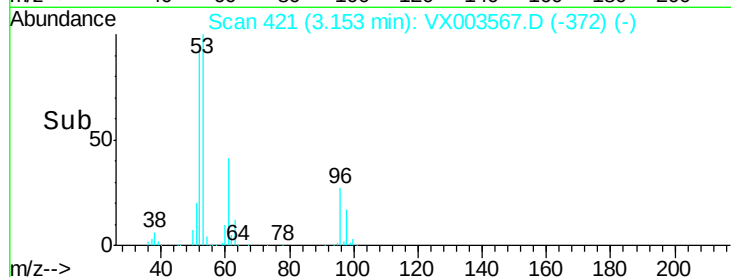
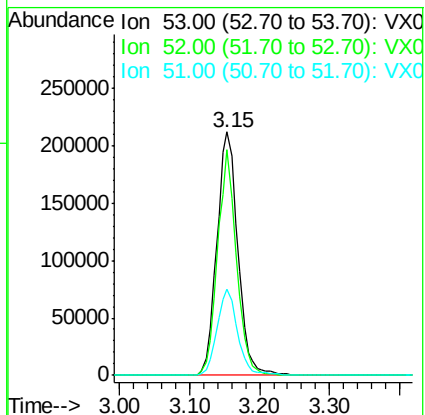
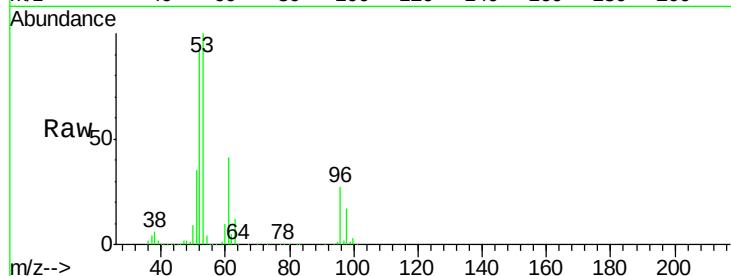
Tot Ion: 53 Resp: 440480

Ion Ratio Lower Upper

53 100

52 83.3 66.7 100.1

51 34.4 29.9 44.9



#16

Acetone

Concen: 275.14 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003567.D

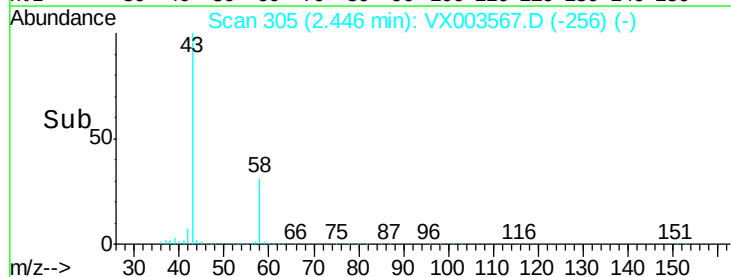
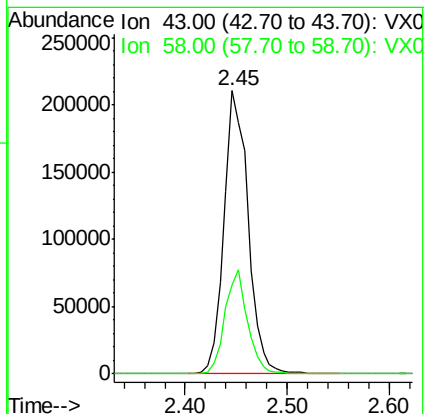
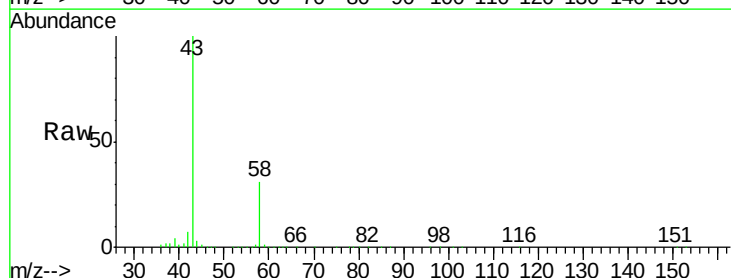
Acq: 21 Jul 2018 20:39

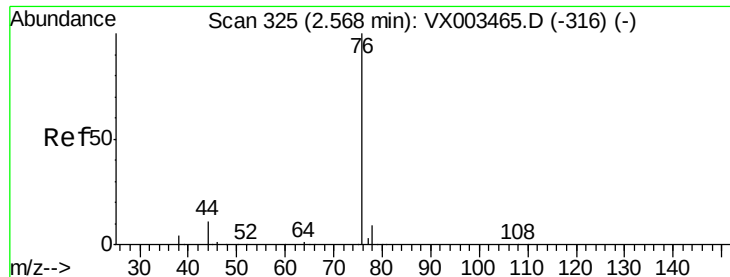
Tgt Ion: 43 Resp: 343694

Ion Ratio Lower Upper

43 100

58 31.3 22.1 33.1





#17

Carbon Disulfide

Concen: 49.88 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

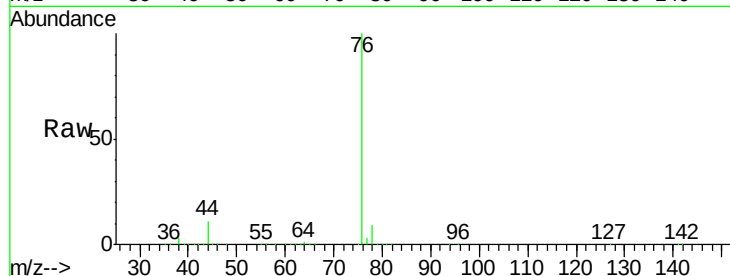
VSTDCCC050EC

Tot Ion: 76 Resp: 384945

Ion Ratio Lower Upper

76 100

78 9.1 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

200000

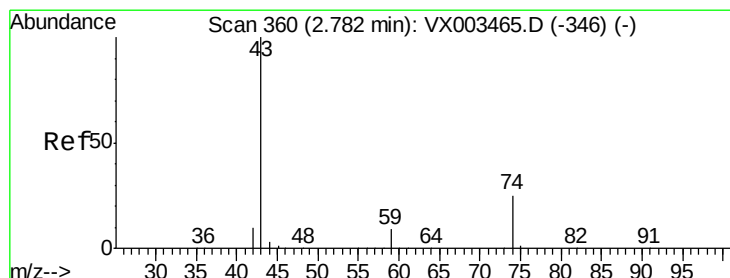
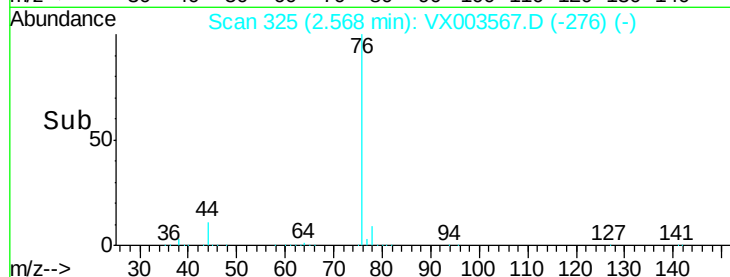
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 54.63 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003567.D

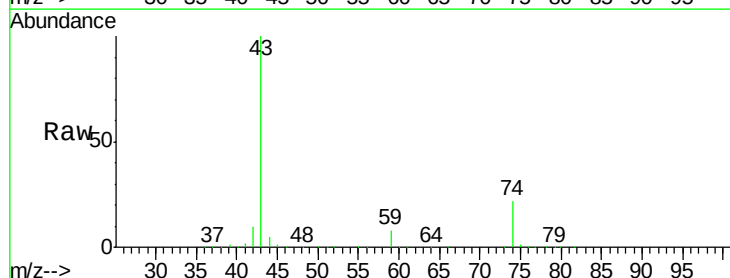
Acq: 21 Jul 2018 20:39

Tgt Ion: 43 Resp: 215132

Ion Ratio Lower Upper

43 100

74 23.5 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

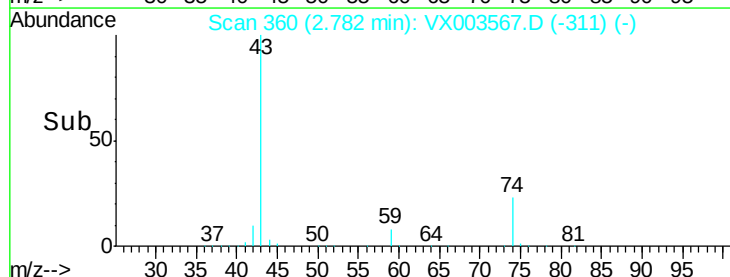
150000

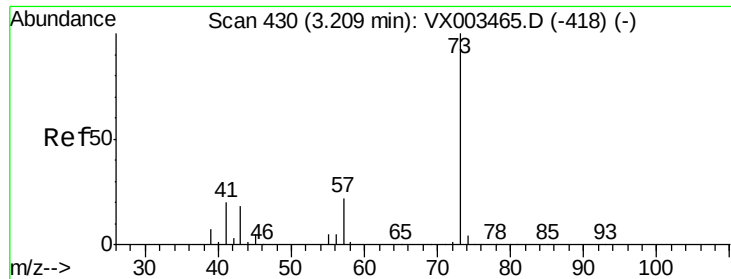
100000

50000

0

Time-->

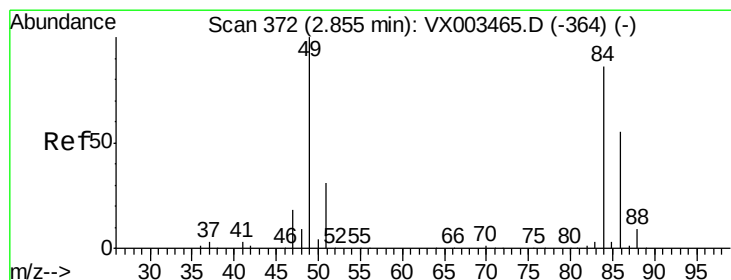
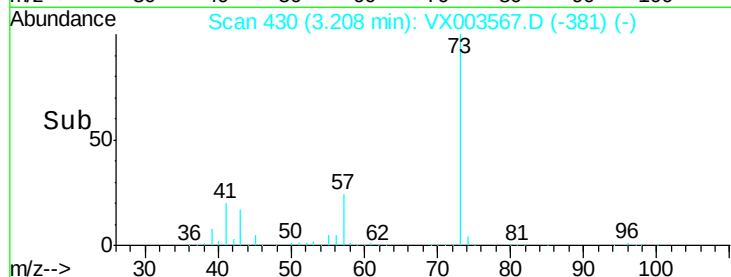
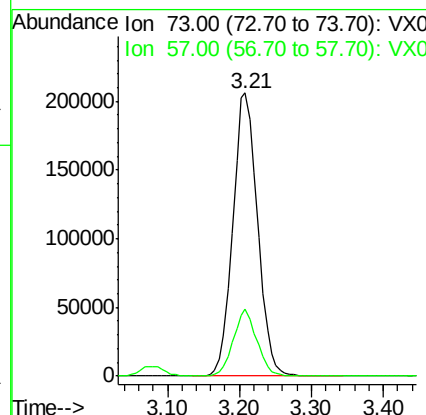
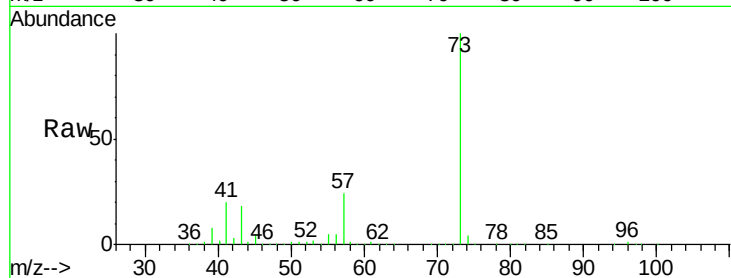




#19
Methyl tert-butyl Ether
Concen: 52.80 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

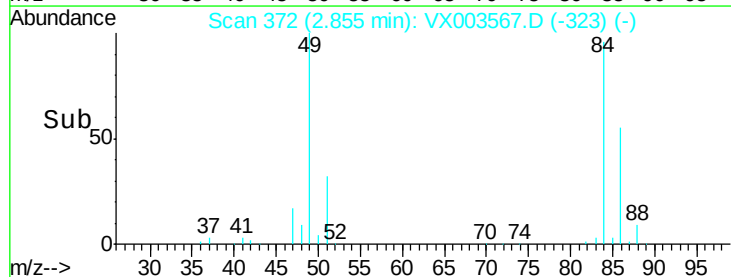
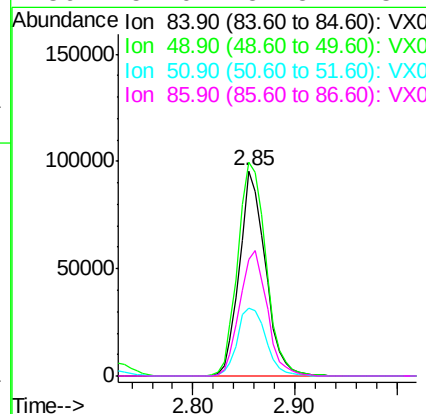
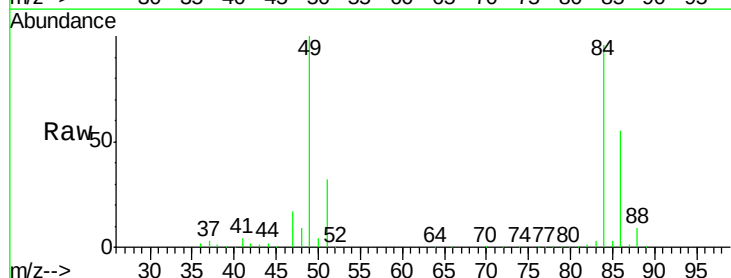
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

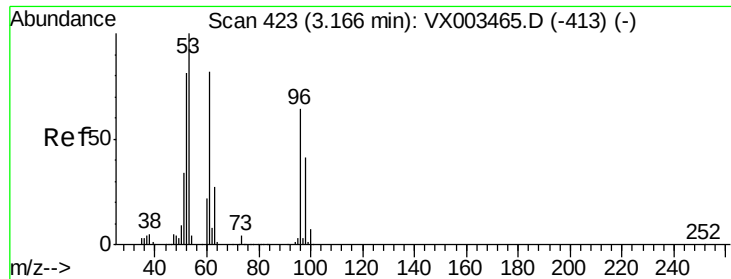
Tot Ion: 73 Resp: 491982
Ion Ratio Lower Upper
73 100
57 23.6 17.7 26.5



#20
Methylene Chloride
Concen: 55.25 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 84 Resp: 168476
Ion Ratio Lower Upper
84 100
49 104.3 107.8 161.6#
51 33.3 32.8 49.2
86 57.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 49.48 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

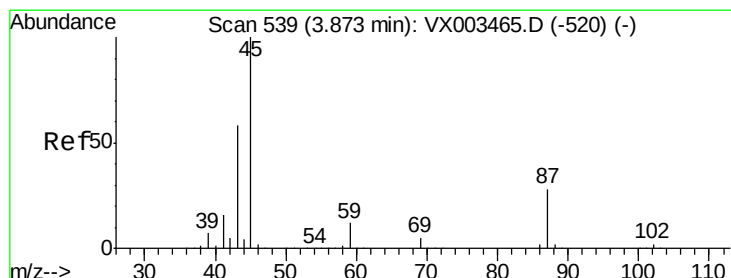
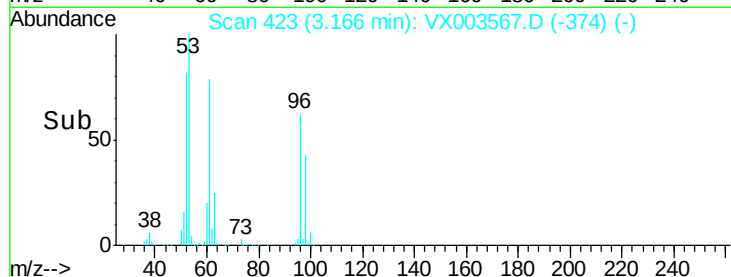
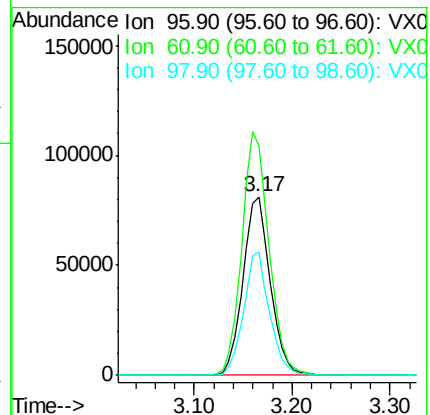
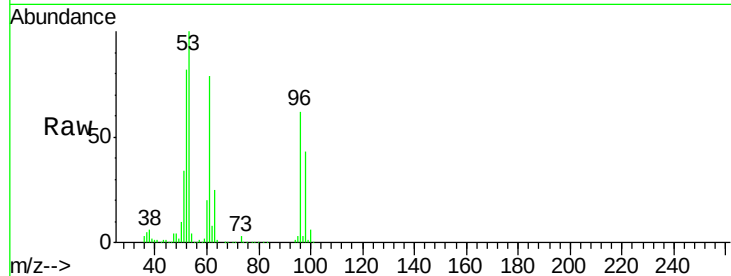
Tot Ion: 96 Resp: 157079

Ion Ratio Lower Upper

96 100

61 128.3 117.0 175.4

98 69.0 52.4 78.6



#22

Diisopropyl ether

Concen: 55.80 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

Tgt Ion: 45 Resp: 530335

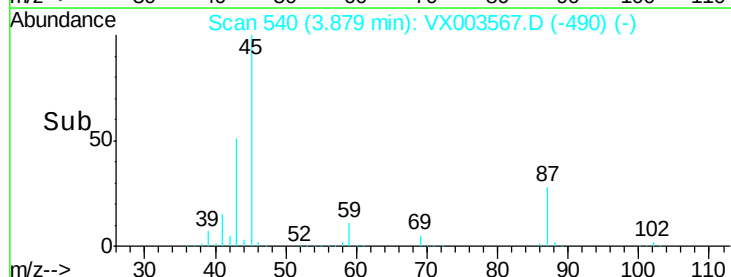
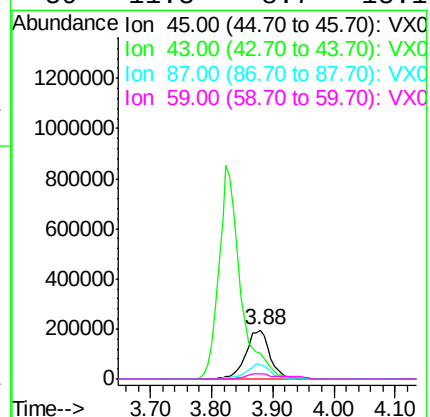
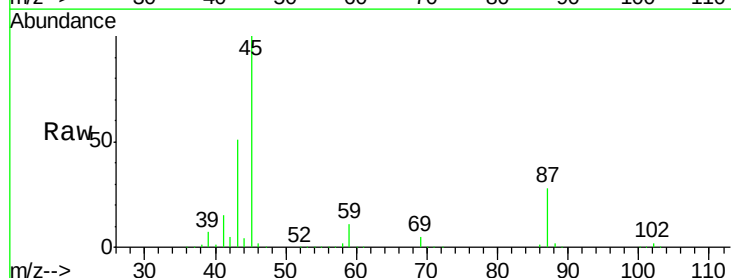
Ion Ratio Lower Upper

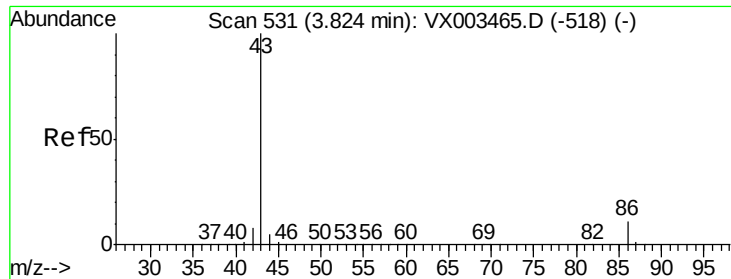
45 100

43 51.1 46.8 70.2

87 28.1 20.2 30.4

59 11.3 8.7 13.1





#23

Vinyl Acetate

Concen: 270.63 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.00 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

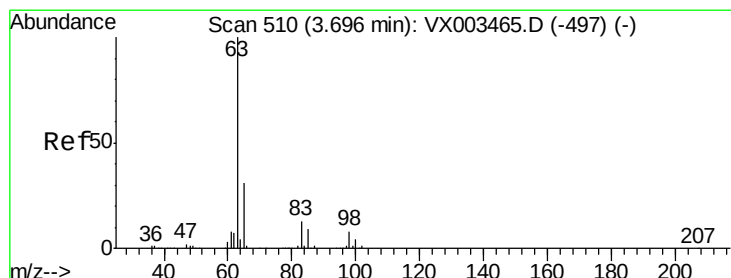
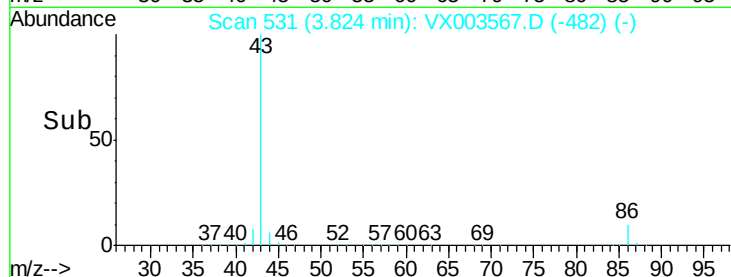
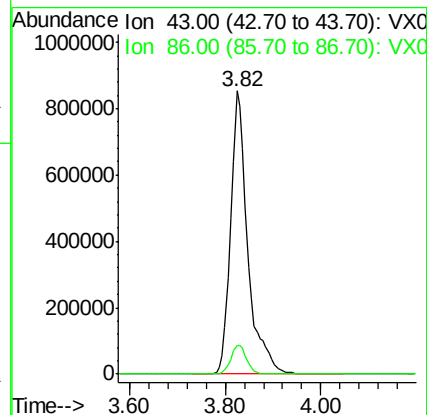
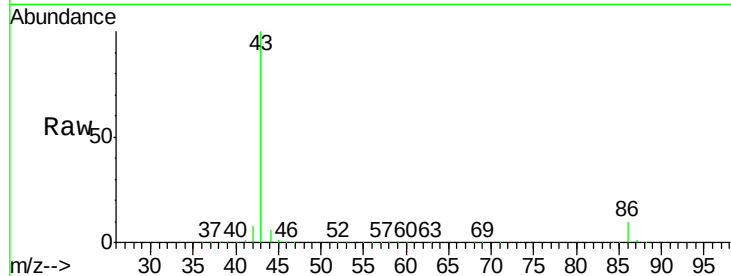
VSTDCCC050EC

Tot Ion: 43 Resp: 2118886

Ion Ratio Lower Upper

43 100

86 10.2 7.4 11.0



#24

1,1-Dichloroethane

Concen: 54.70 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

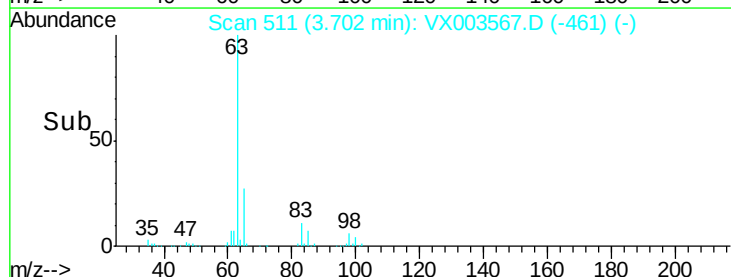
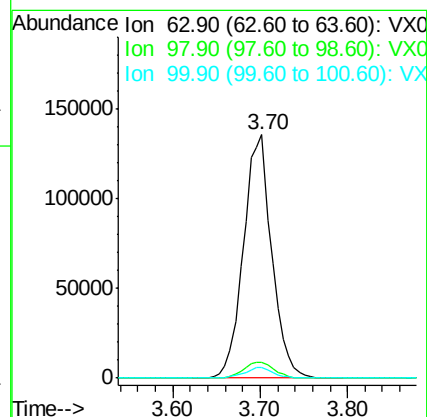
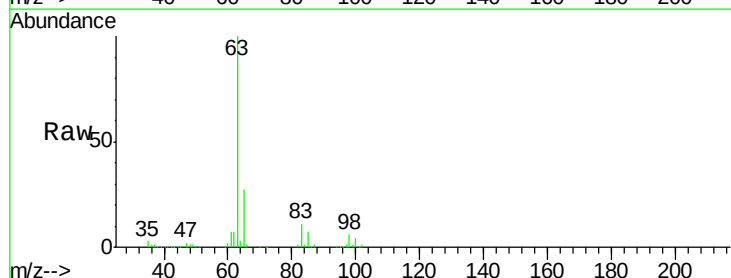
Tgt Ion: 63 Resp: 305071

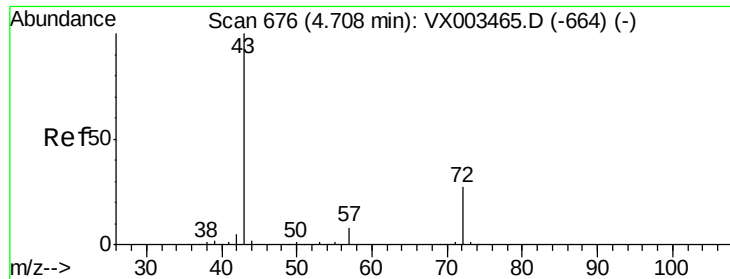
Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.2

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 284.81 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

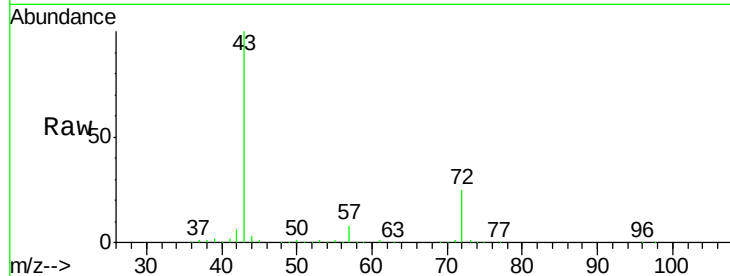
VSTDCCC050EC

Tot Ion: 43 Resp: 596922

Ion Ratio Lower Upper

43 100

72 24.6 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

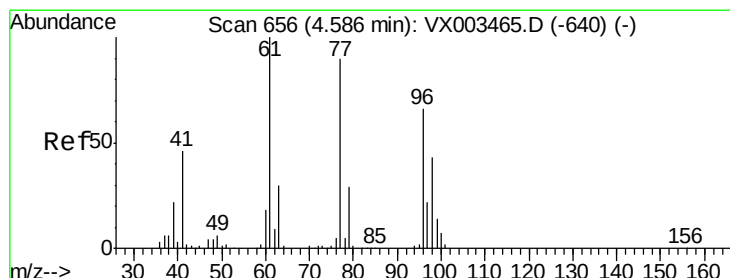
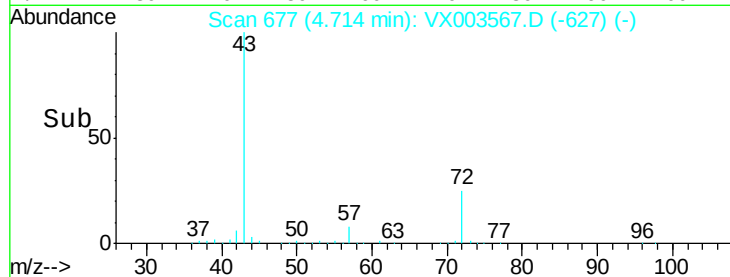
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 46.38 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX003567.D

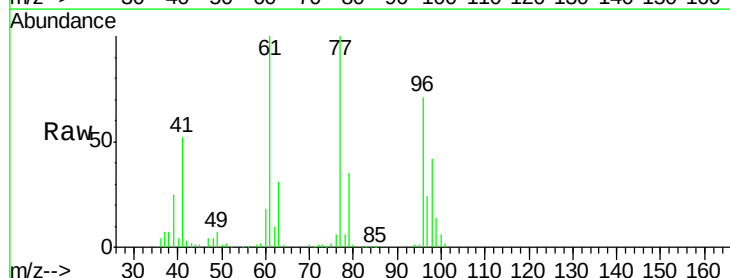
Acq: 21 Jul 2018 20:39

Tgt Ion: 77 Resp: 196442

Ion Ratio Lower Upper

77 100

97 24.8 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

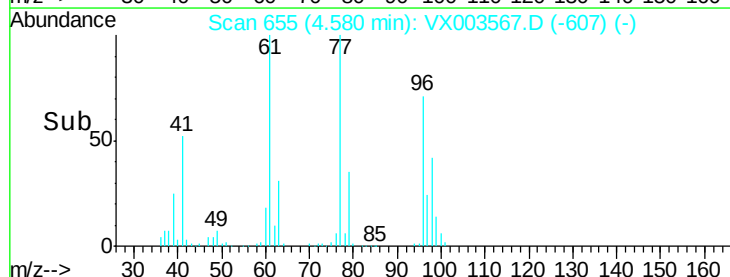
40000

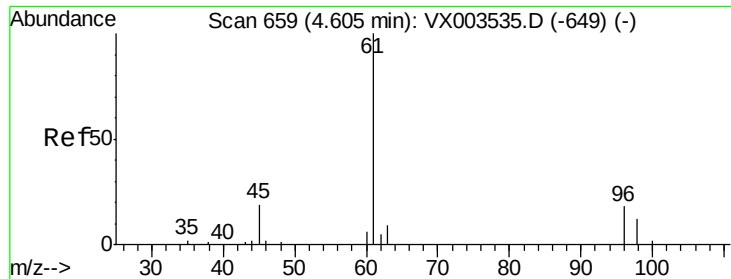
20000

0

4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 52.78 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

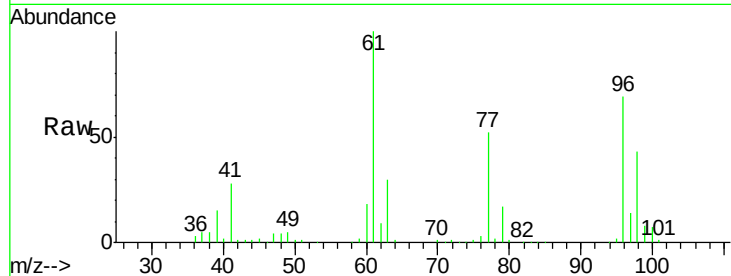
Tot Ion: 96 Resp: 186562

Ion Ratio Lower Upper

96 100

61 156.7 0.0 330.2

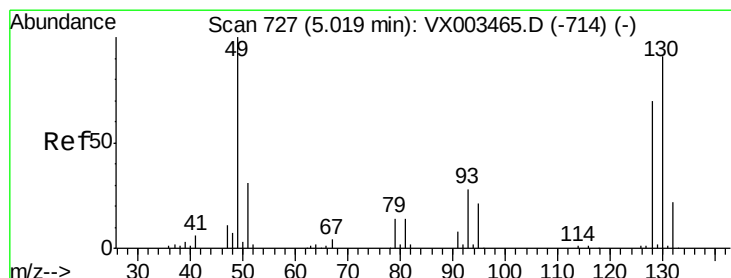
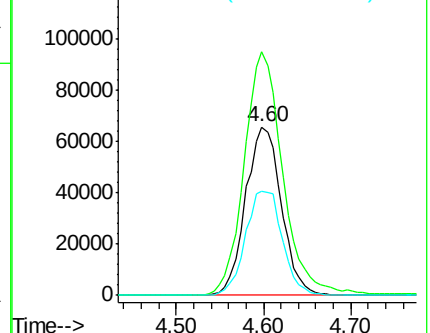
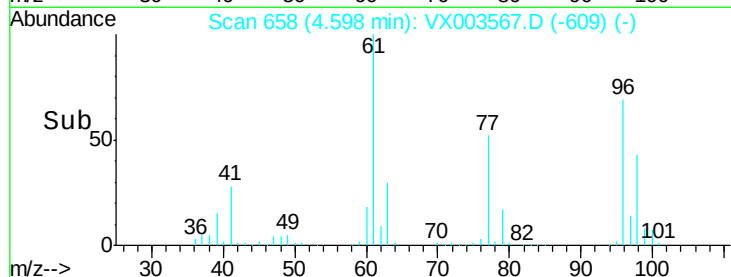
98 64.0 0.0 130.2



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: 56.02 ug/l

RT: 5.01 min Scan# 726

Delta R.T. -0.01 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

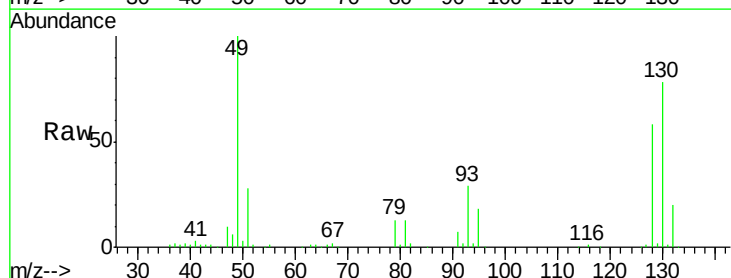
Tgt Ion: 49 Resp: 136555

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

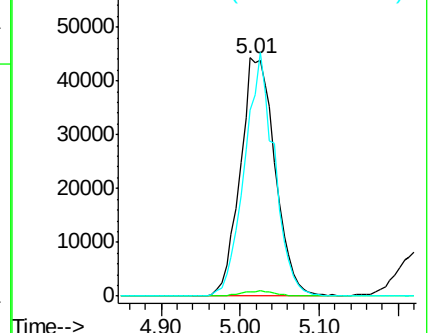
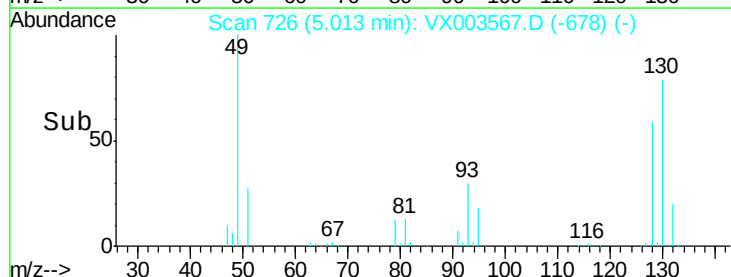
130 87.2 61.2 91.8

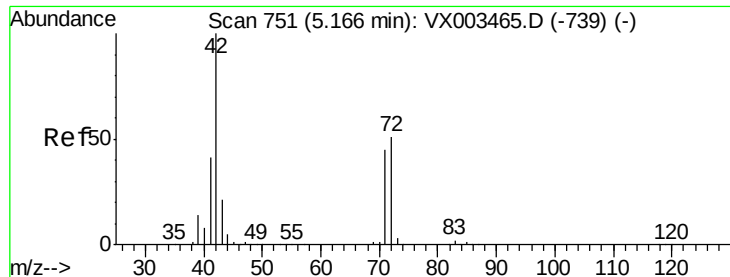


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

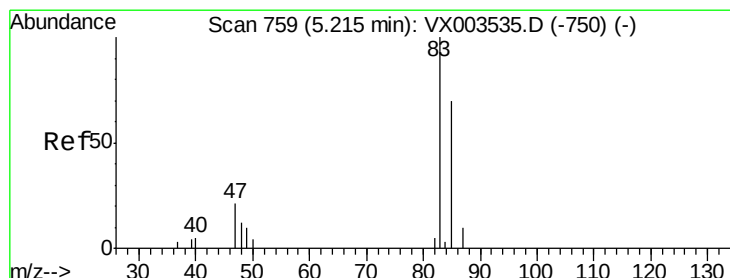
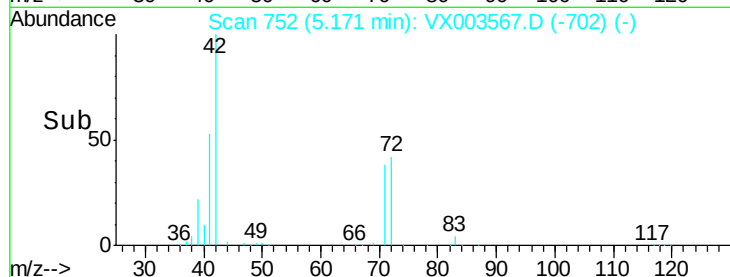
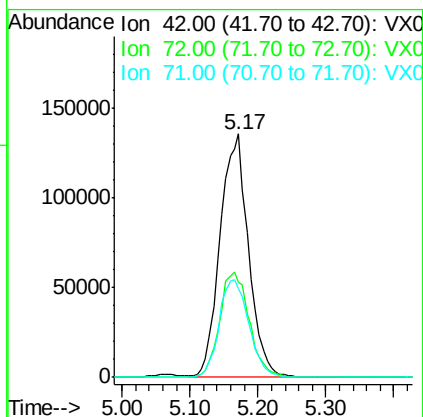
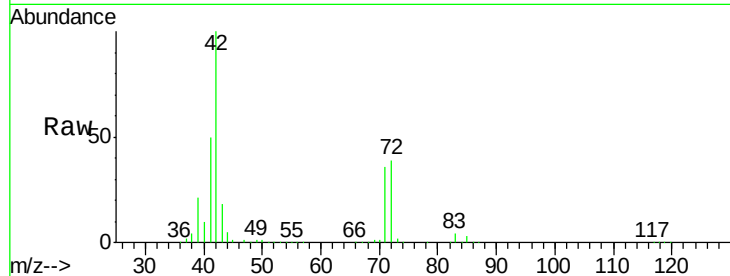




#29
Tetrahydrofuran
Concen: 282.42 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

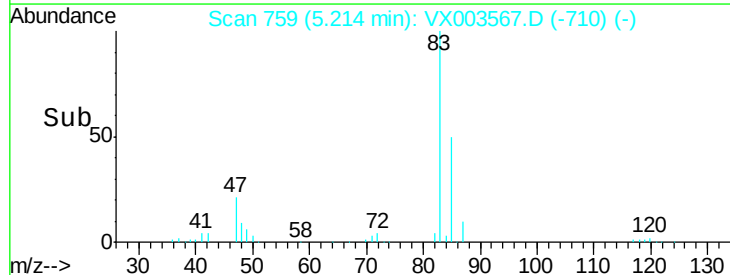
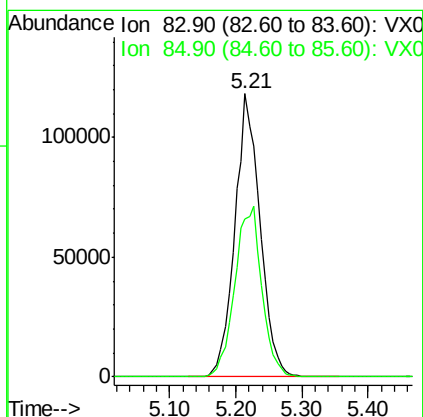
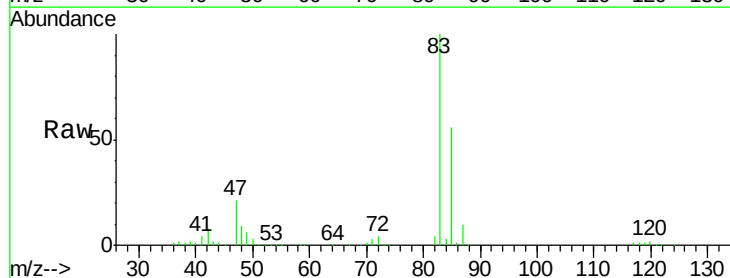
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

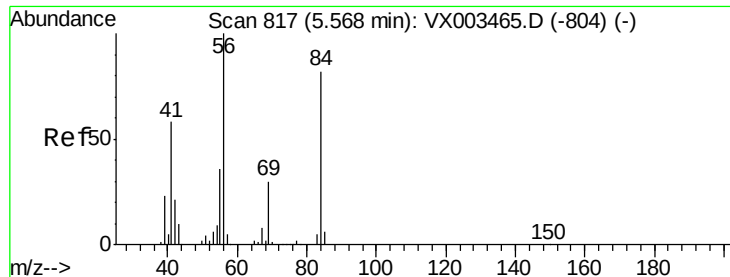
Tot Ion: 42 Resp: 391016
Ion Ratio Lower Upper
42 100
72 45.2 32.0 48.0
71 42.2 30.1 45.1



#30
Chloroform
Concen: 57.22 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 83 Resp: 311604
Ion Ratio Lower Upper
83 100
85 56.0 50.4 75.6





#31

Cyclohexane

Concen: 50.81 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

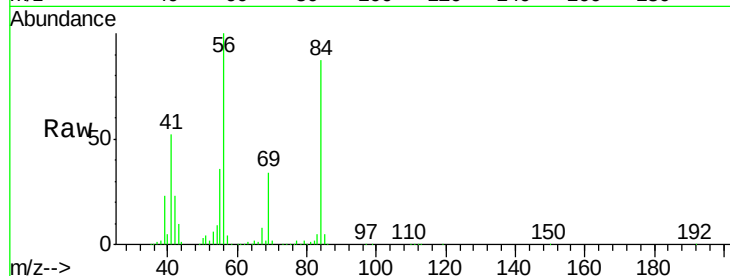
Tot Ion: 56 Resp: 253185

Ion Ratio Lower Upper

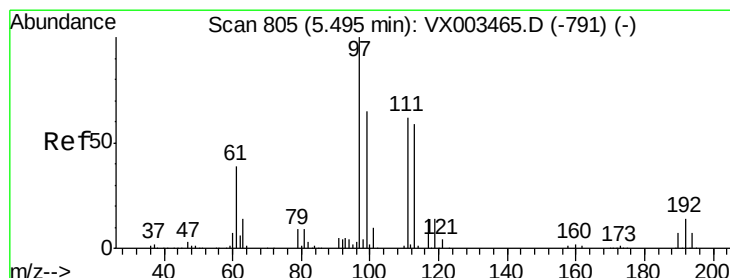
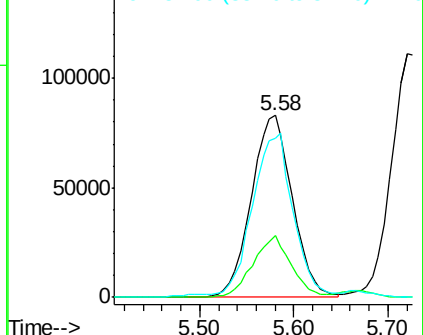
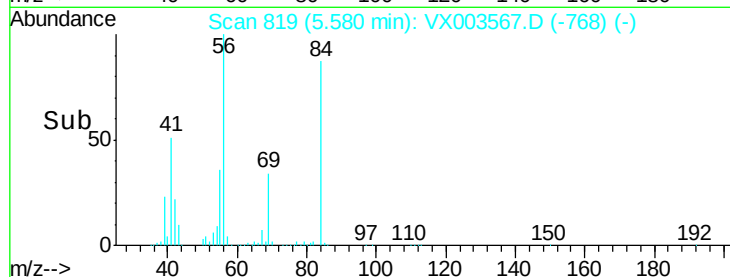
56 100

69 34.0 23.7 35.5

84 85.7 64.1 96.1



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: 54.37 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

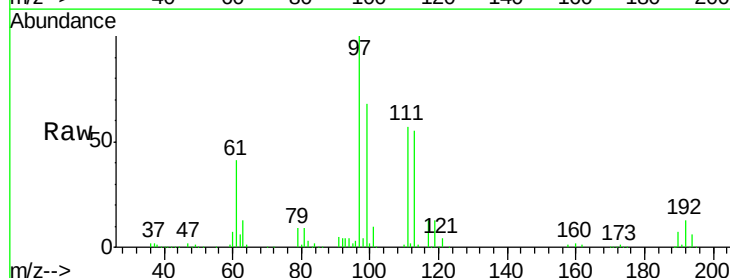
Tgt Ion: 97 Resp: 253520

Ion Ratio Lower Upper

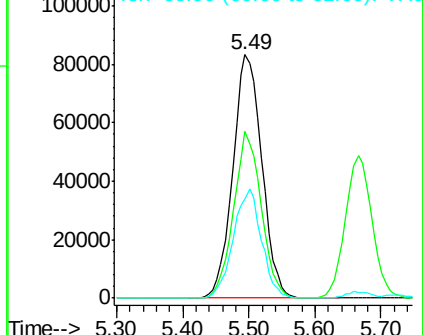
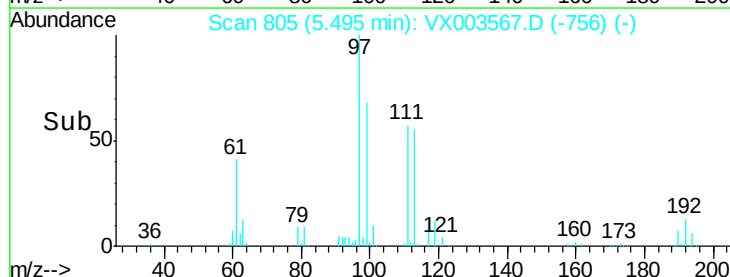
97 100

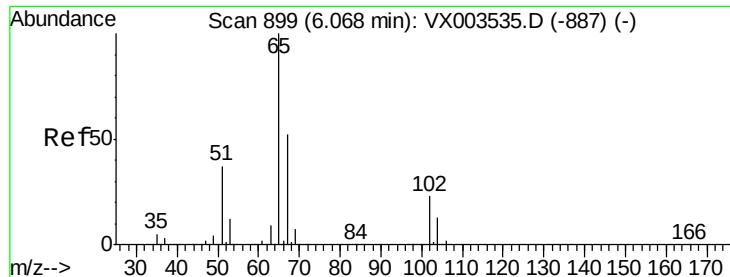
99 64.9 51.6 77.4

61 43.5 36.4 54.6



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

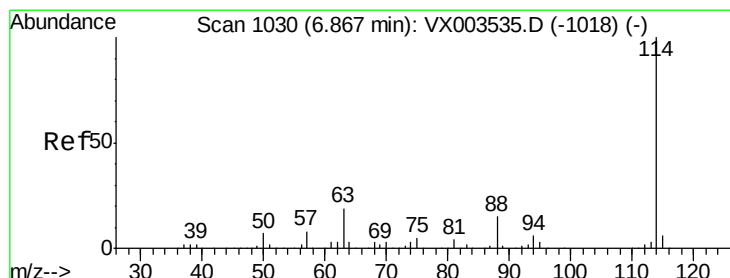
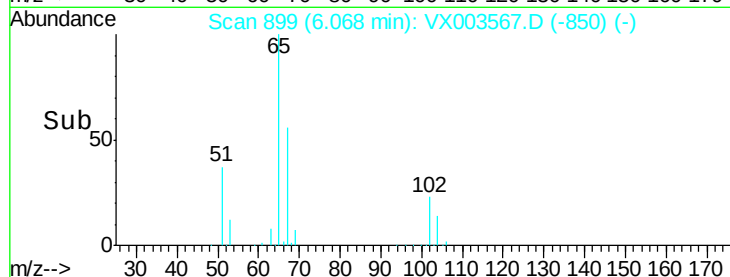
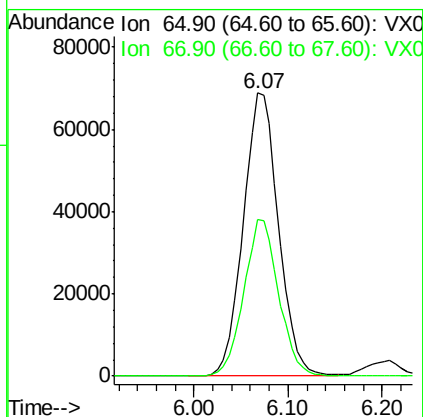
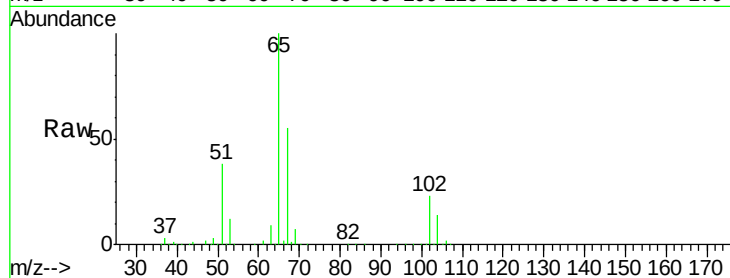




#33
 1,2-Dichloroethane-d4
 Concen: 54.57 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003567.D
 Acq: 21 Jul 2018 20:39

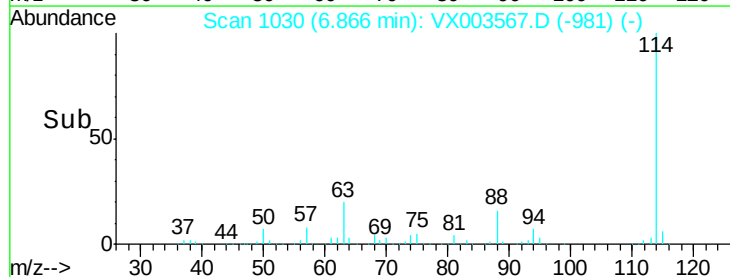
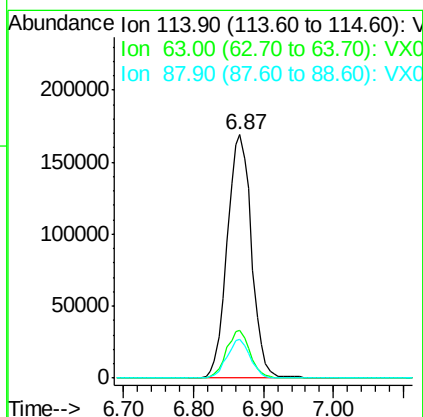
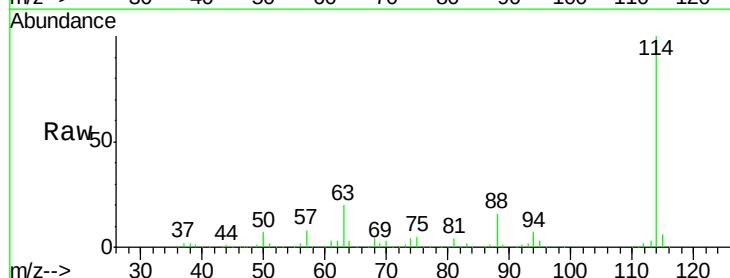
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

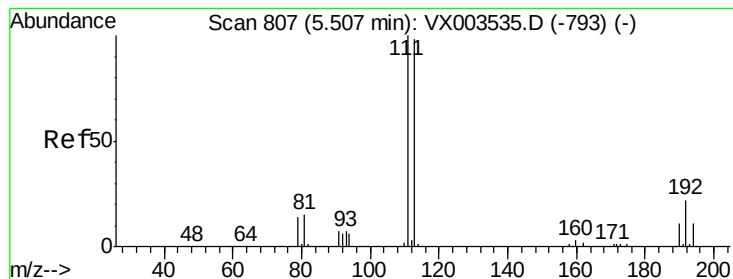
Tot Ion: 65 Resp: 180462
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003567.D
 Acq: 21 Jul 2018 20:39

Tgt Ion: 114 Resp: 408622
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.4
 88 15.7 0.0 30.0





#35

Dibromofluoromethane

Concen: 51.88 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

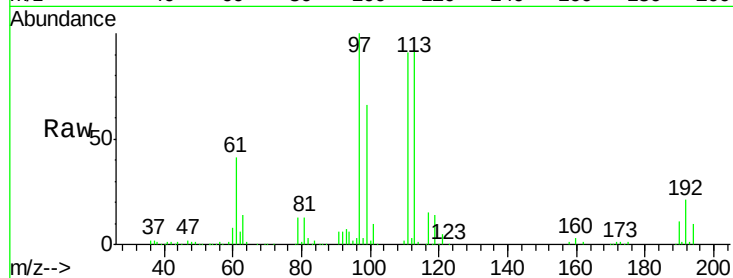
Tot Ion:113 Resp: 161474

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

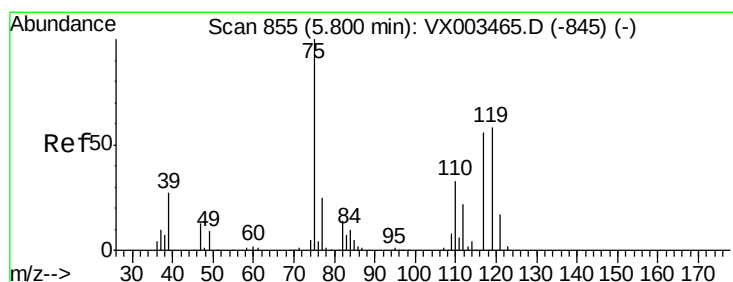
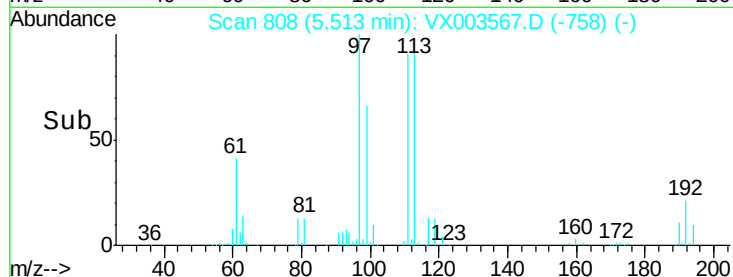
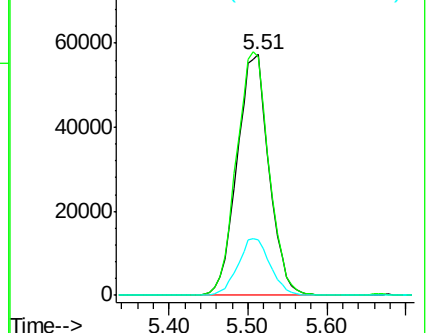
192 23.9 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.54 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

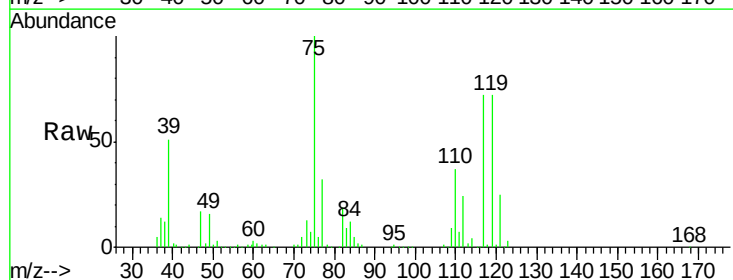
Tgt Ion: 75 Resp: 218578

Ion Ratio Lower Upper

75 100

110 37.1 18.1 54.4

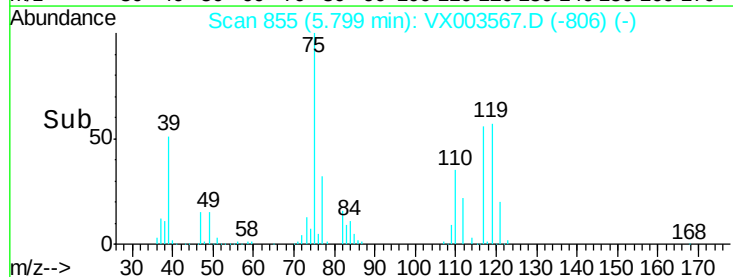
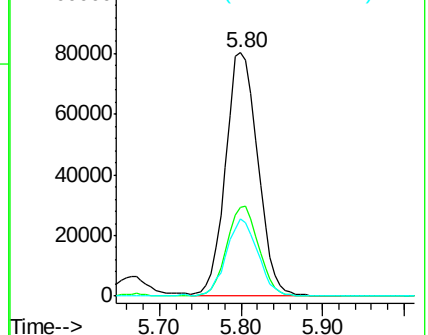
77 31.1 24.3 36.5

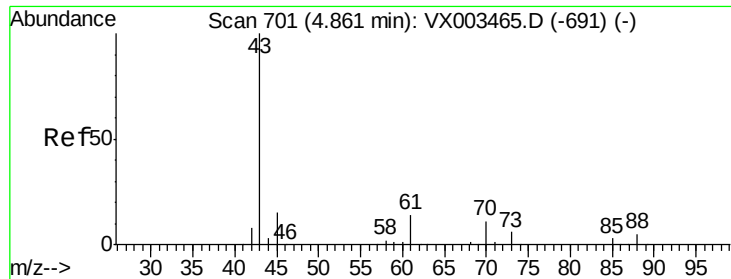


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

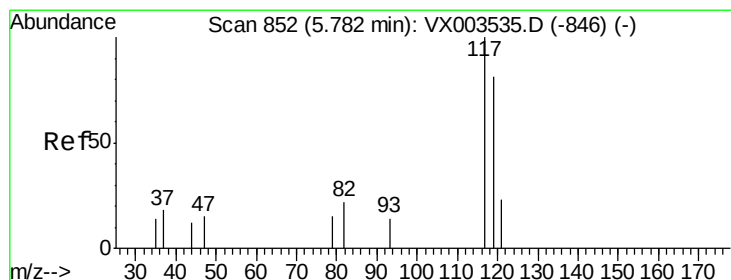
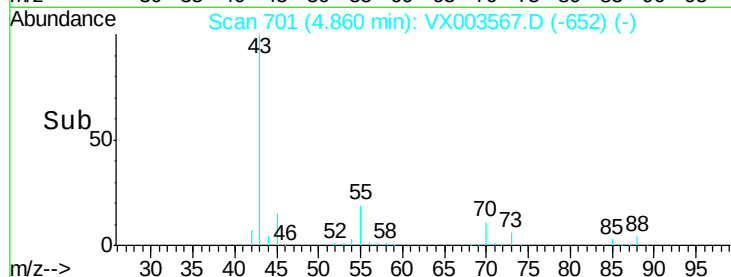
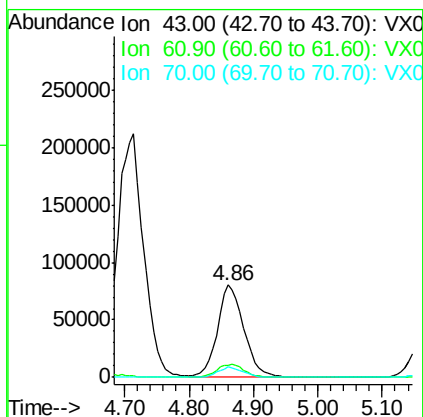
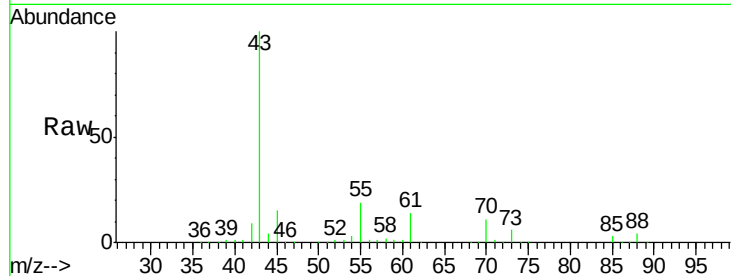




#37
Ethyl Acetate
Concen: 55.38 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

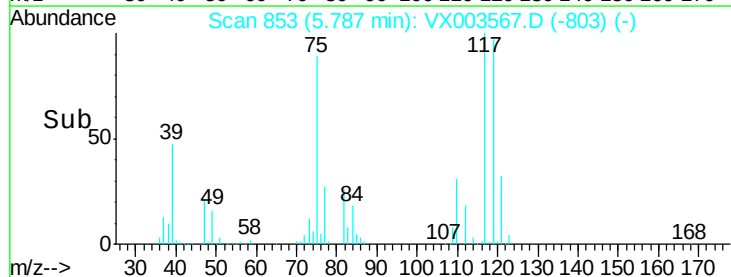
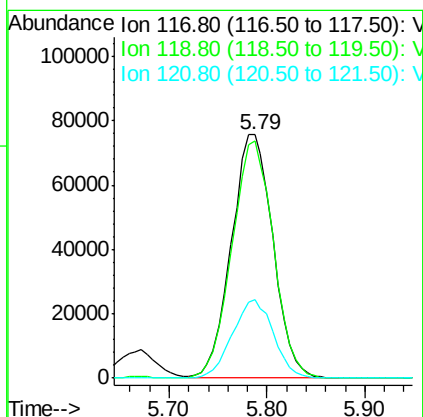
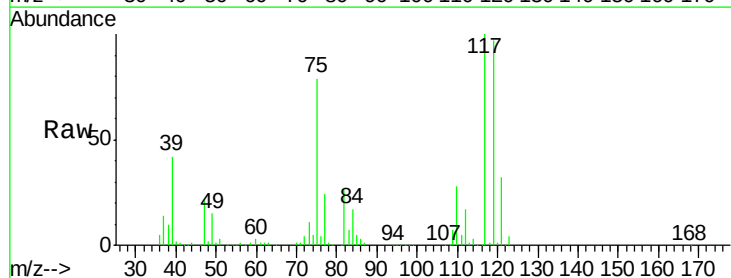
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

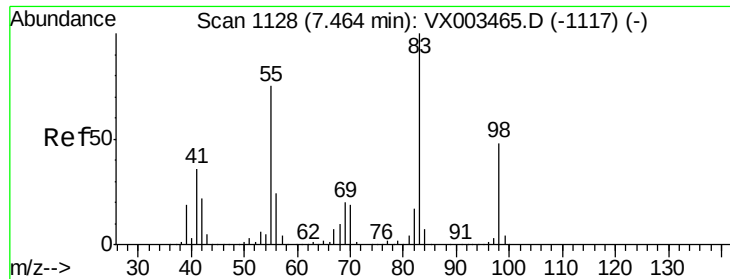
Tot Ion: 43 Resp: 231192
Ion Ratio Lower Upper
43 100
61 14.6 10.4 15.6
70 10.8 7.6 11.4



#38
Carbon Tetrachloride
Concen: 51.53 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 117 Resp: 222994
Ion Ratio Lower Upper
117 100
119 97.3 77.4 116.0
121 32.1 24.4 36.6

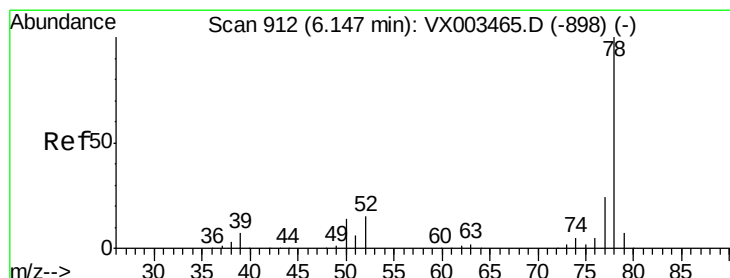
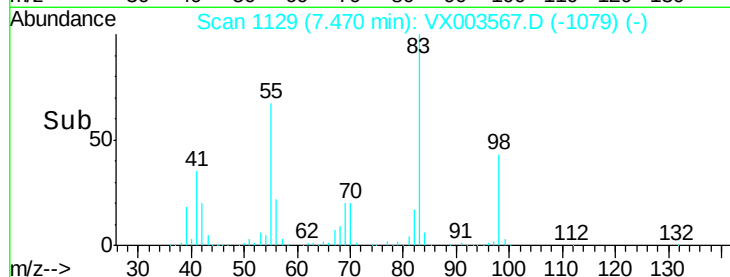
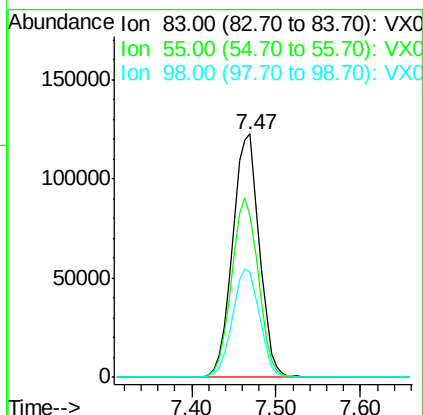
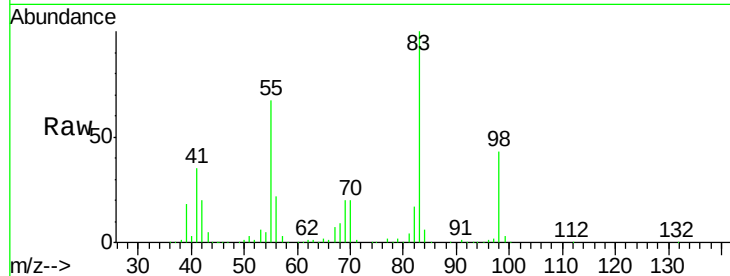




#39
Methylvlcyclohexane
Concen: 50.21 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

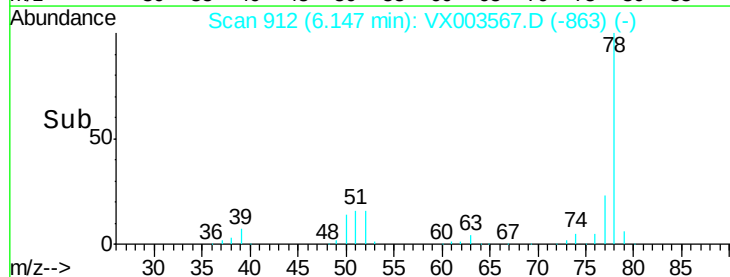
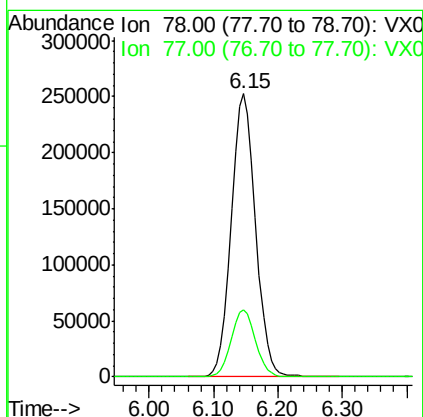
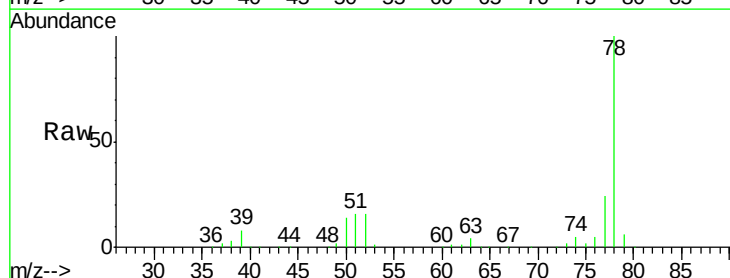
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

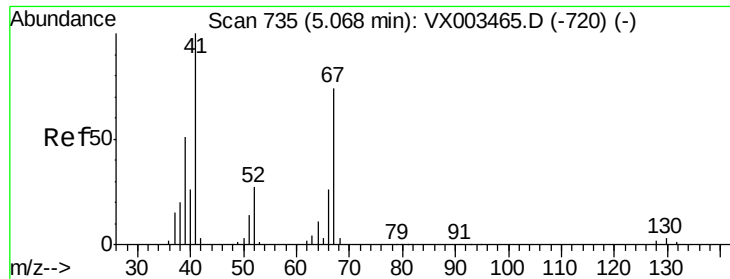
Tot Ion: 83 Resp: 262365
Ion Ratio Lower Upper
83 100
55 66.6 65.4 98.0
98 43.3 37.4 56.0



#40
Benzene
Concen: 50.18 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 78 Resp: 668421
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7

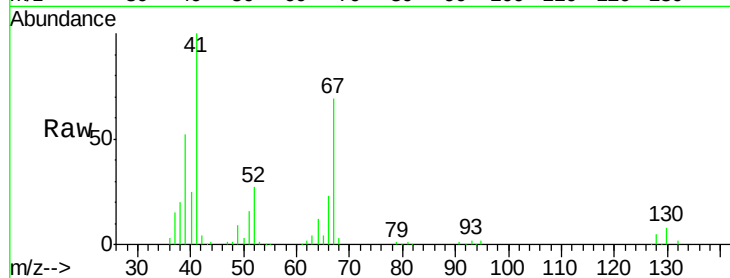




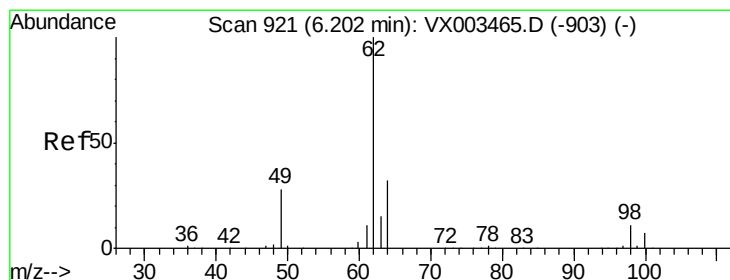
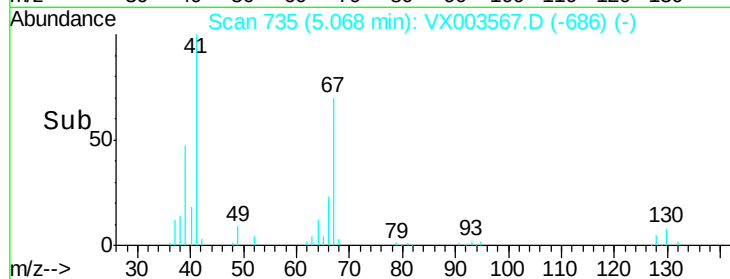
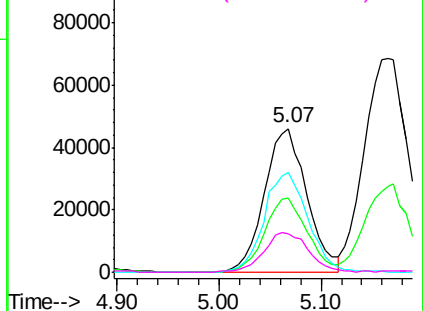
#41
Methacrylonitrile
Concen: 54.13 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	132807
Ion	Ratio	Lower	Upper
41	100		
39	51.1	45.8	68.6
67	72.3	51.3	76.9
52	28.8	23.0	34.6

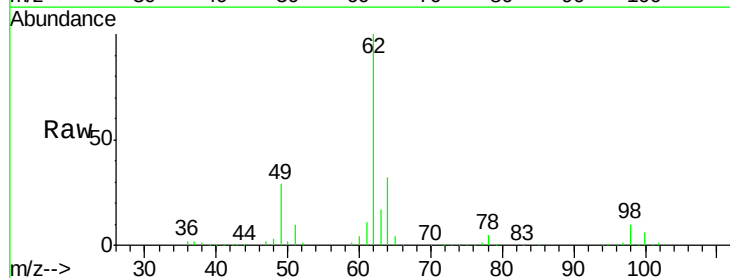


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

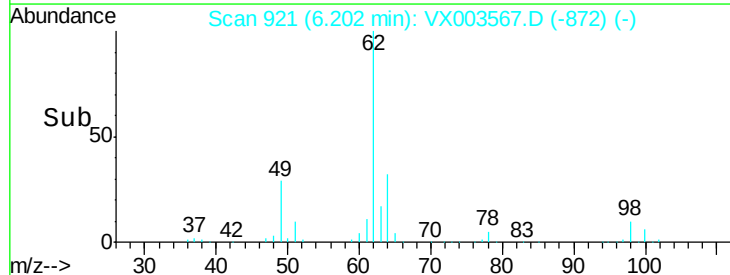
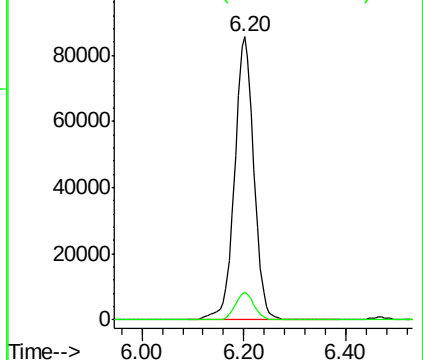


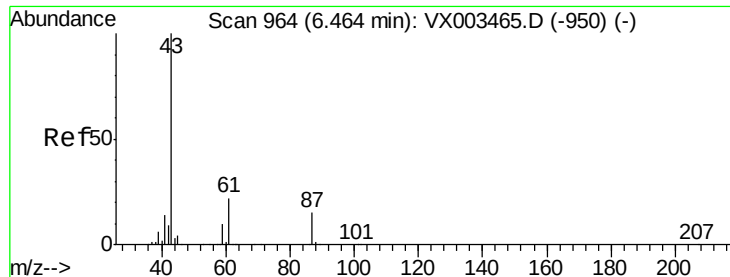
#42
1,2-Dichloroethane
Concen: 53.53 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:	62	Resp:	224671
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	16.6



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





#43

Isopropyl Acetate

Concen: 52.87 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

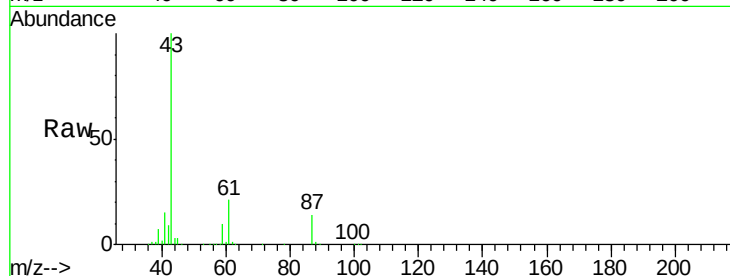
Tot Ion: 43 Resp: 351075

Ion Ratio Lower Upper

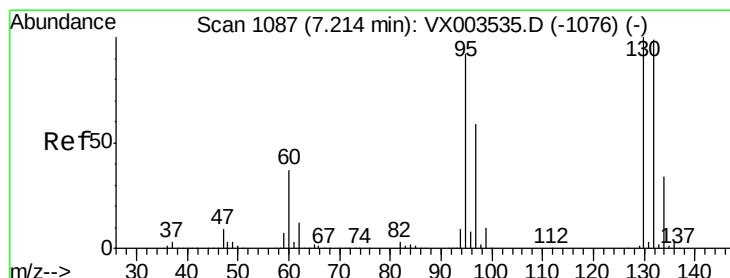
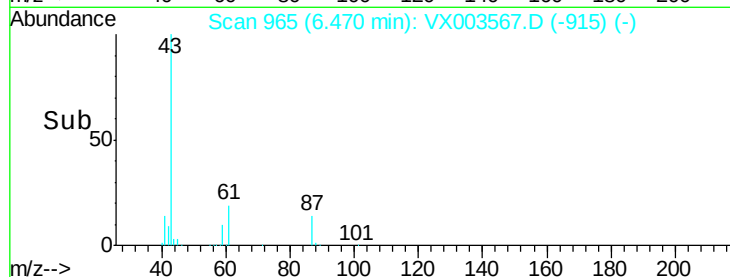
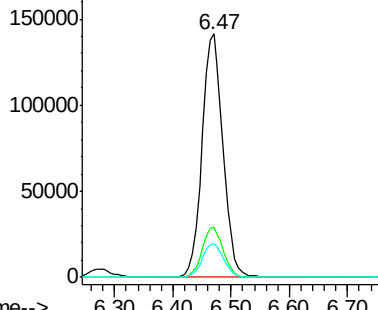
43 100

61 20.7 14.4 21.6

87 14.2 9.5 14.3



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



#44

Trichloroethene

Concen: 48.57 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX003567.D

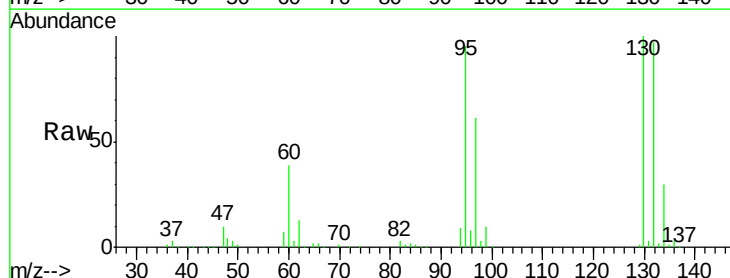
Acq: 21 Jul 2018 20:39

Tgt Ion:130 Resp: 192952

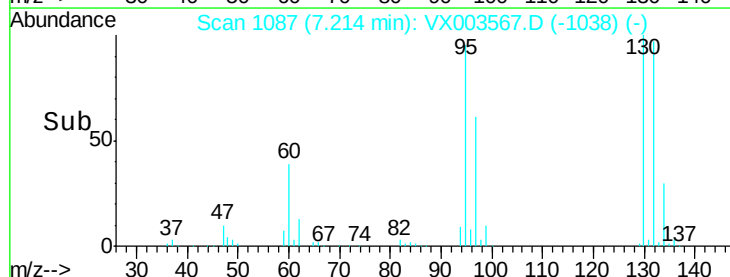
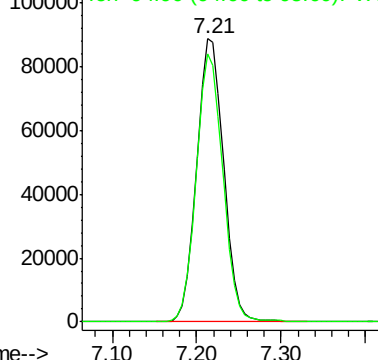
Ion Ratio Lower Upper

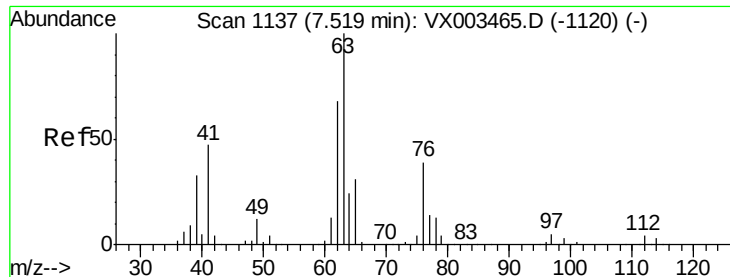
130 100

95 94.9 0.0 185.4



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

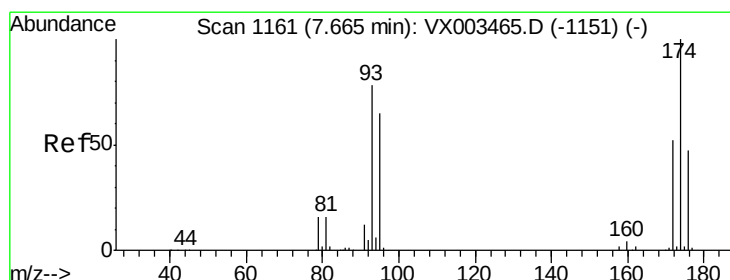
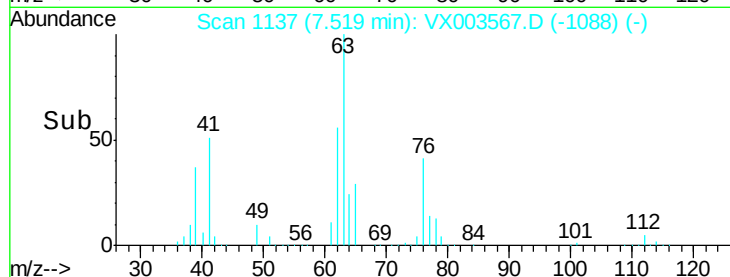
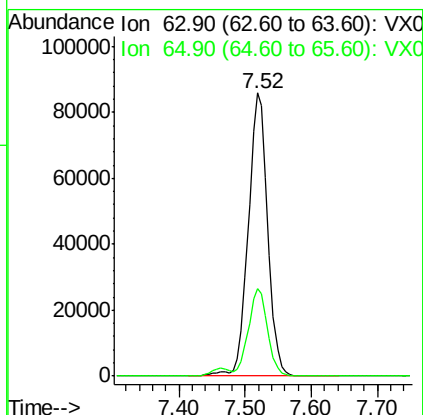
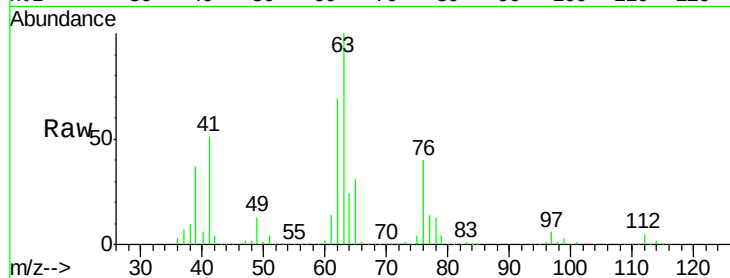




#45
 1,2-Dichloropropane
 Concen: 52.06 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003567.D
 Acq: 21 Jul 2018 20:39

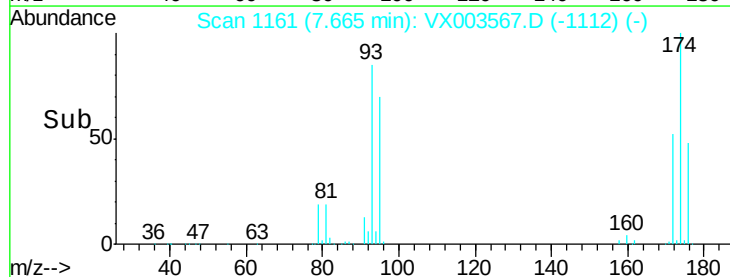
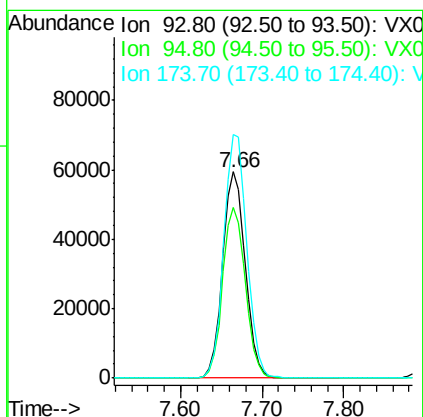
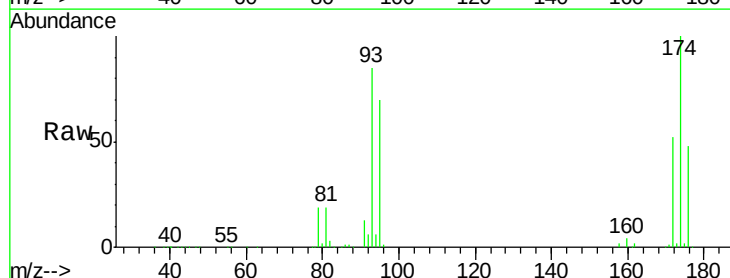
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

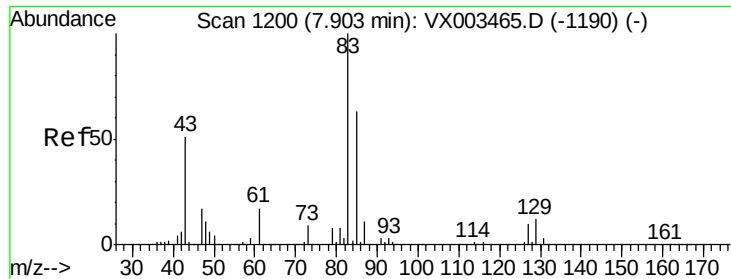
Tot Ion: 63 Resp: 176075
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.7 37.1



#46
 Dibromomethane
 Concen: 52.36 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003567.D
 Acq: 21 Jul 2018 20:39

Tgt Ion: 93 Resp: 114021
 Ion Ratio Lower Upper
 93 100
 95 83.5 65.9 98.9
 174 119.5 92.4 138.6





#47

Bromodichloromethane

Concen: 54.32 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

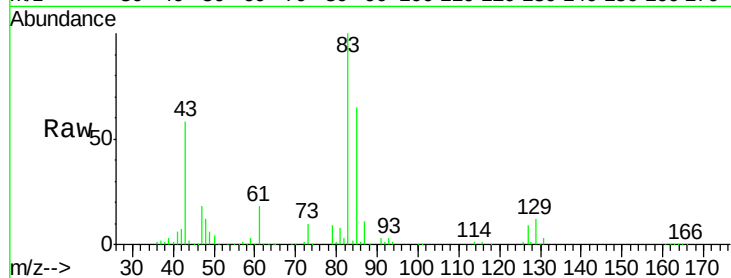
Tot Ion: 83 Resp: 216527

Ion Ratio Lower Upper

83 100

85 64.7 50.3 75.5

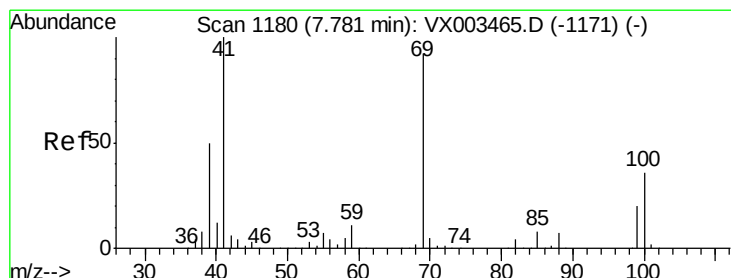
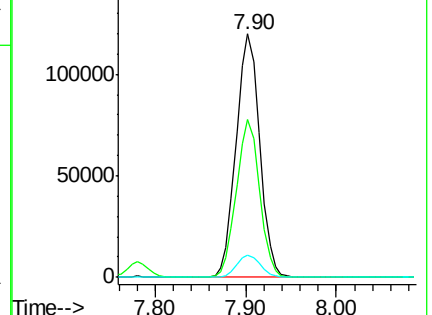
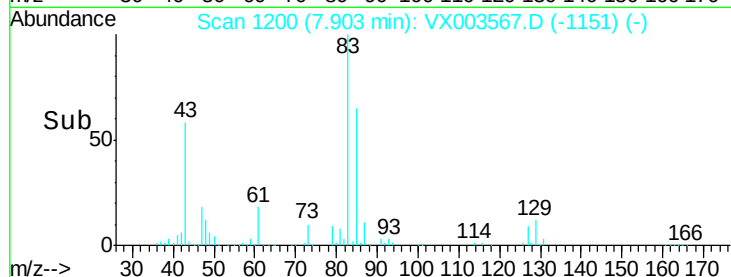
127 9.3 7.0 10.4



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: 55.67 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

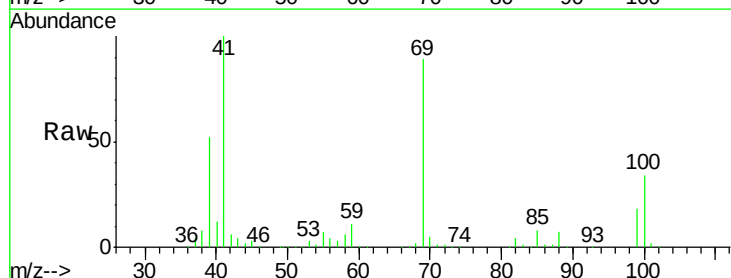
Tgt Ion: 41 Resp: 186429

Ion Ratio Lower Upper

41 100

69 86.7 59.1 88.7

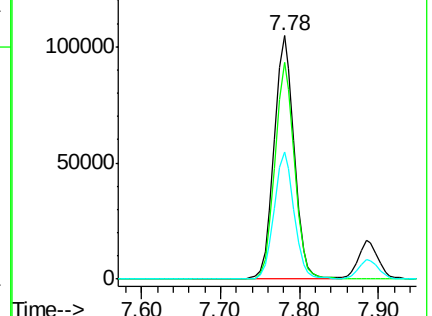
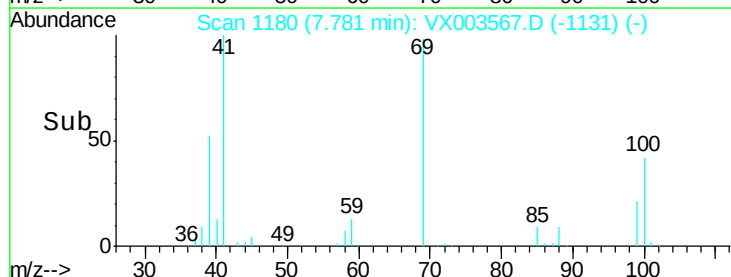
39 51.2 48.9 73.3

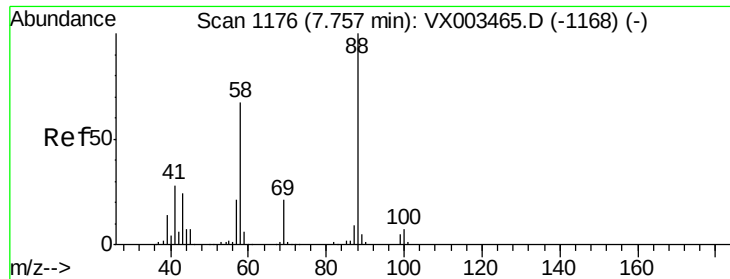


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

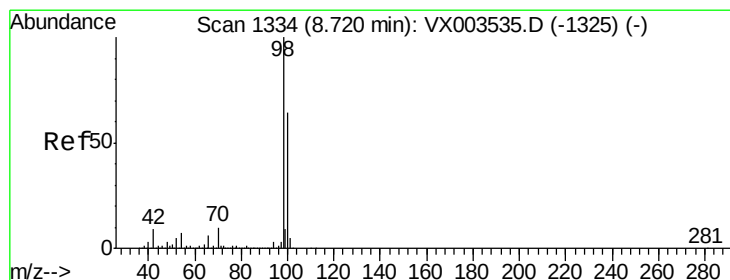
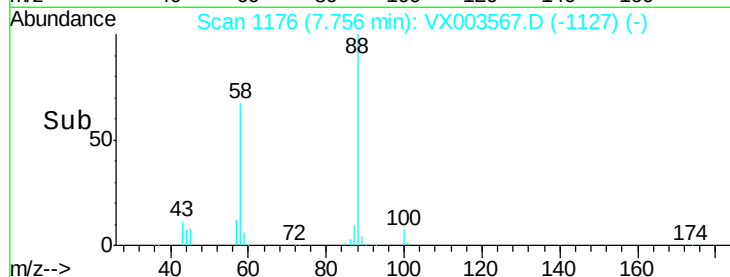
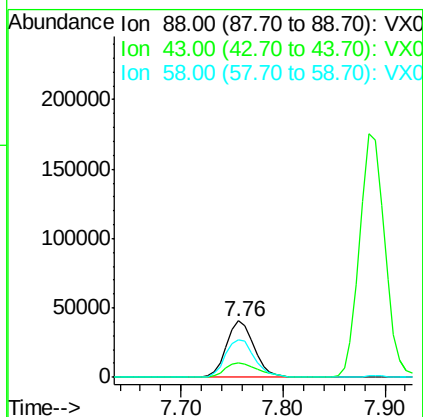
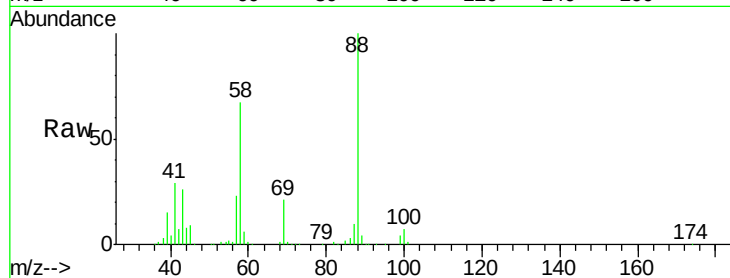




#49
 1,4-Dioxane
 Concen: 1002.28 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: VX003567.D
 Acq: 21 Jul 2018 20:39

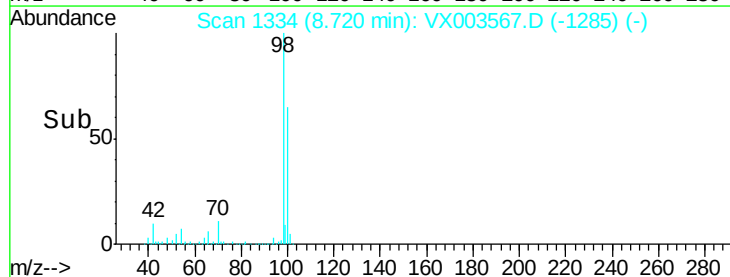
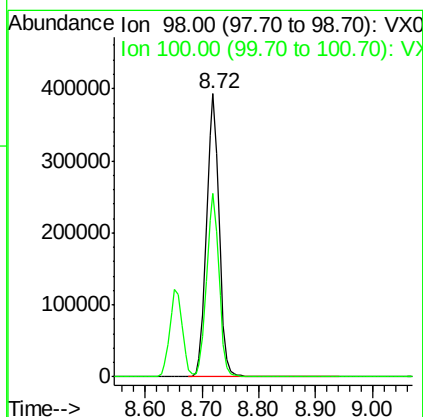
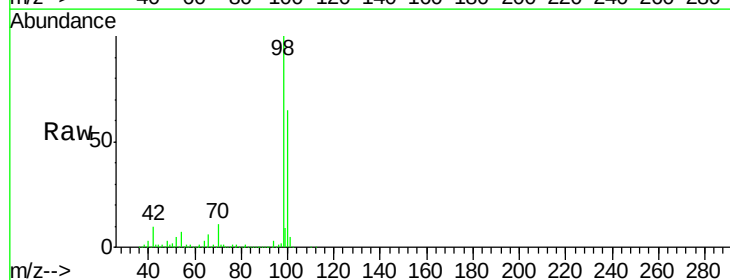
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

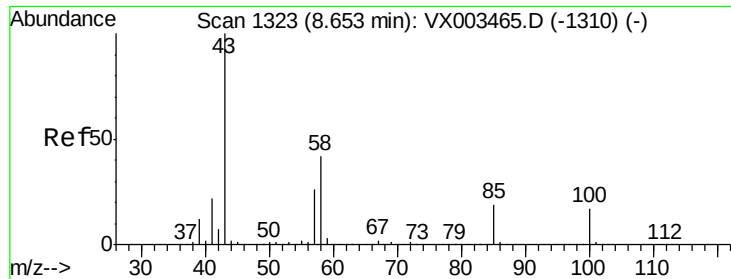
Tot Ion	Ratio	Lower	Upper
88	100		
43	32.4	29.8	44.6
58	71.3	57.1	85.7



#50
 Toluene-d8
 Concen: 51.74 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003567.D
 Acq: 21 Jul 2018 20:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 279.94 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

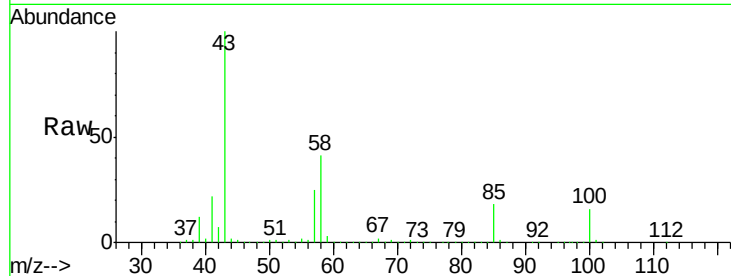
VSTDCCC050EC

Tot Ion: 43 Resp: 1174471

Ion Ratio Lower Upper

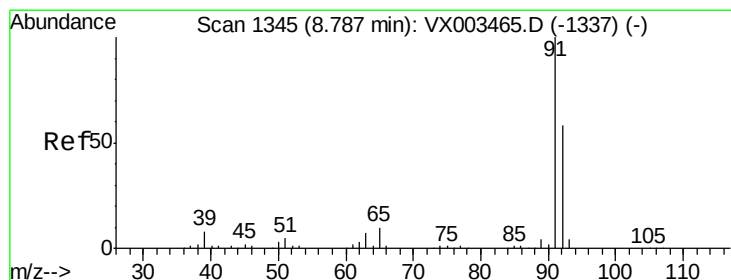
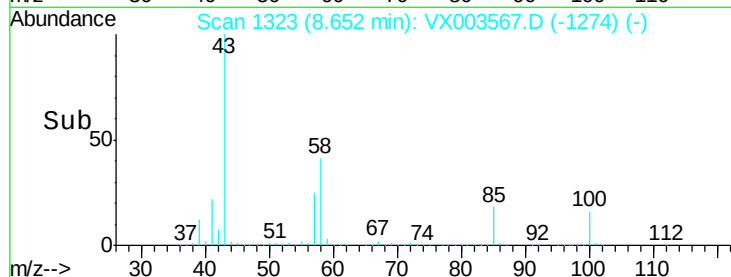
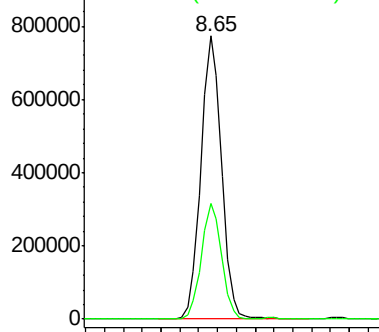
43 100

58 40.1 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.81 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003567.D

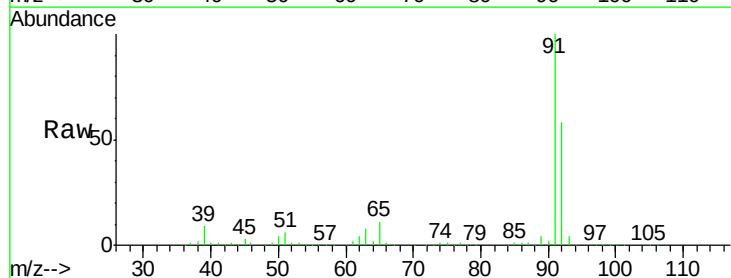
Acq: 21 Jul 2018 20:39

Tgt Ion: 92 Resp: 426022

Ion Ratio Lower Upper

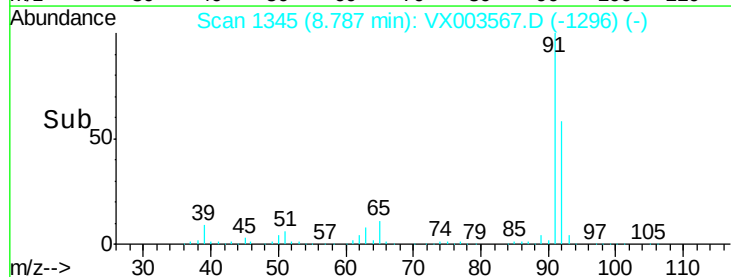
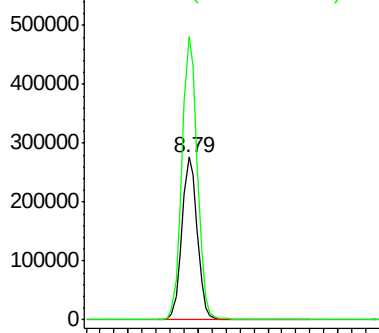
92 100

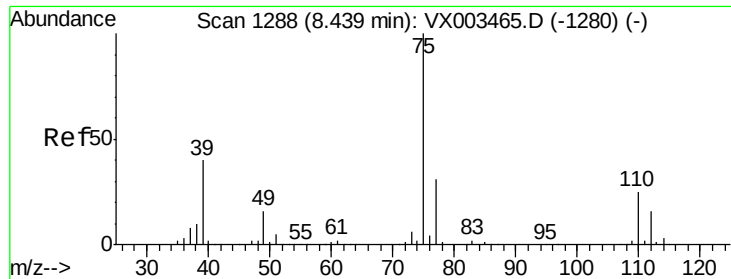
91 174.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 52.29 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

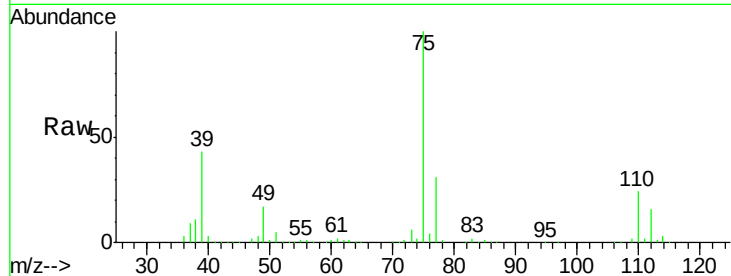
VSTDCCC050EC

Tot Ion: 75 Resp: 256582

Ion Ratio Lower Upper

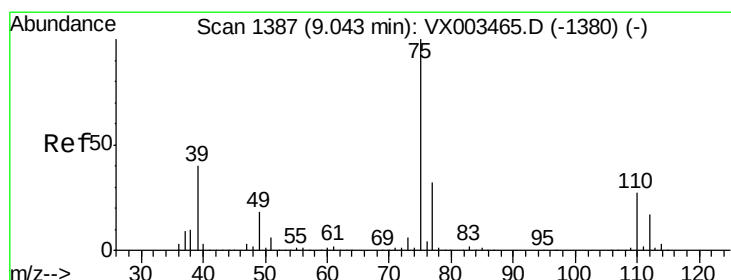
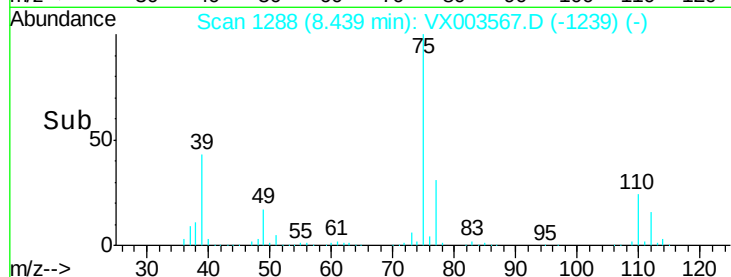
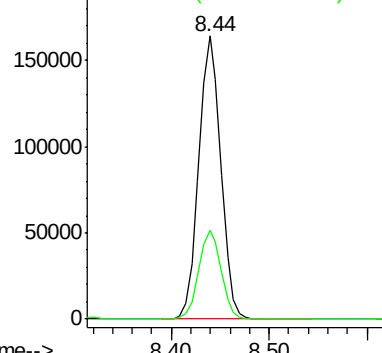
75 100

77 31.4 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 52.91 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

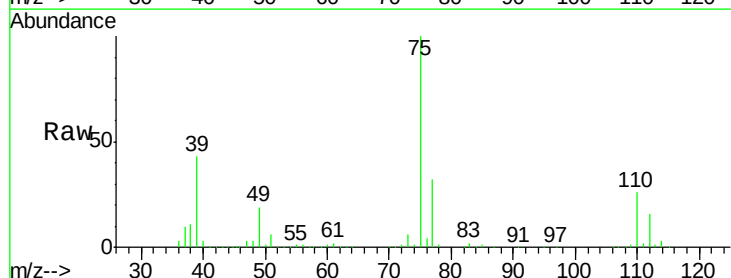
Tgt Ion: 75 Resp: 233475

Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2

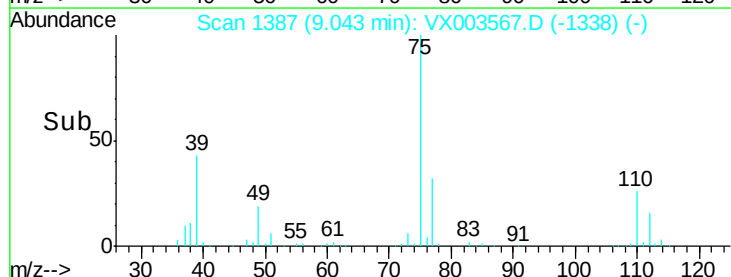
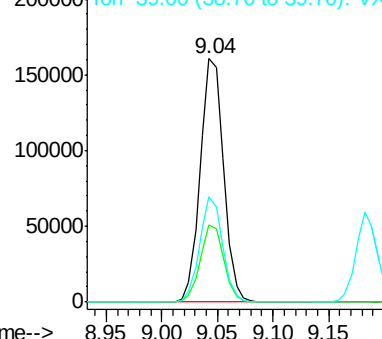
39 43.2 42.4 63.6

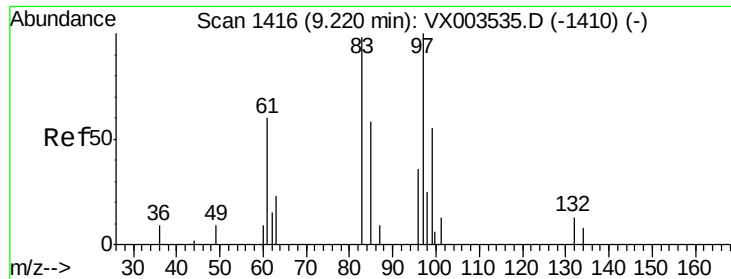


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



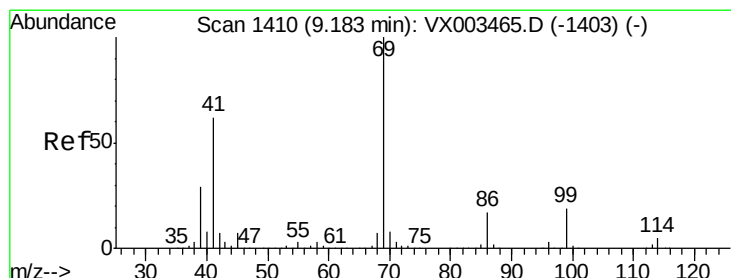
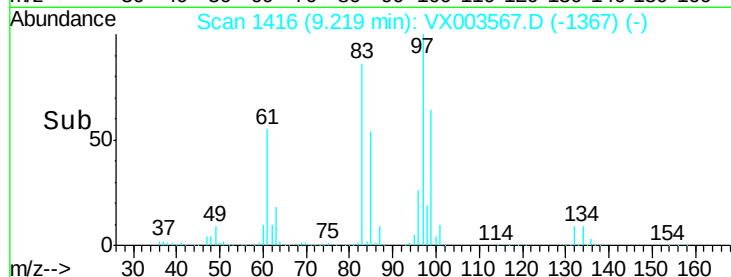
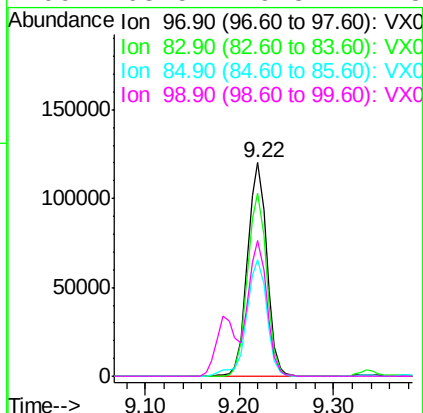
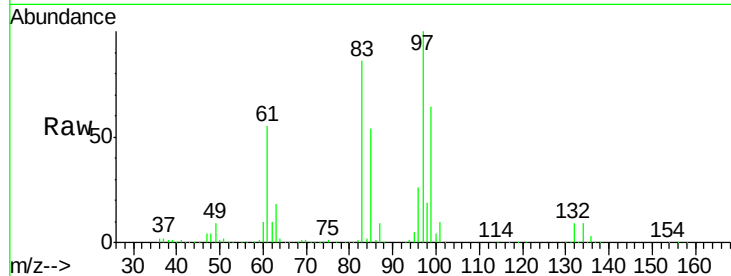


#55
 1,1,2-Trichloroethane
 Concen: 51.91 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003567.D
 Acq: 21 Jul 2018 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 173188

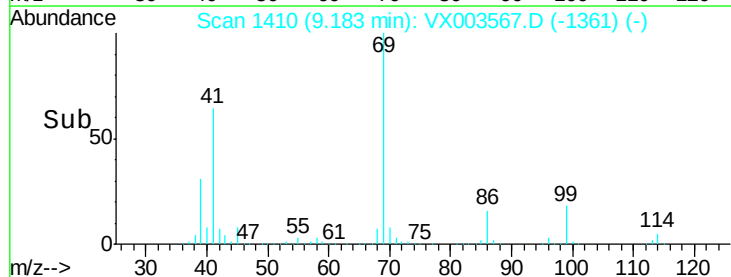
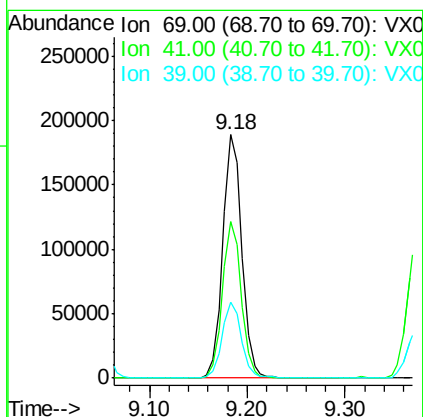
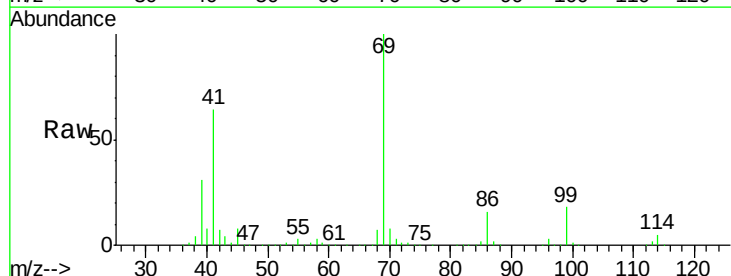
Ion	Ratio	Lower	Upper
97	100		
83	85.8	70.2	105.2
85	54.4	44.9	67.3
99	63.5	49.8	74.8

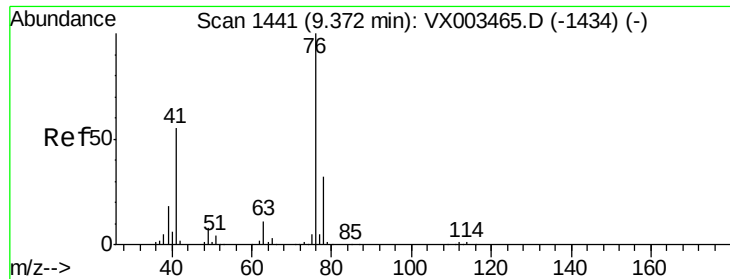


#56
 Ethyl methacrylate
 Concen: 54.53 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003567.D
 Acq: 21 Jul 2018 20:39

Tgt Ion: 69 Resp: 256256

Ion	Ratio	Lower	Upper
69	100		
41	63.5	60.3	90.5
39	31.6	35.8	53.8#

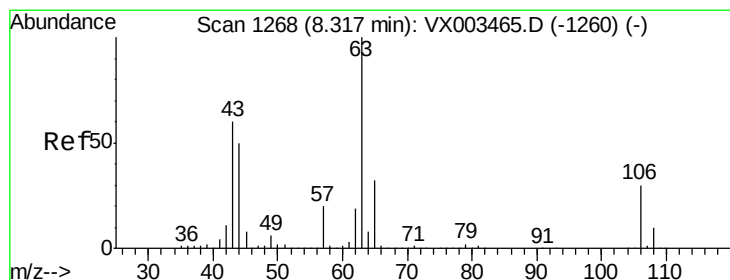
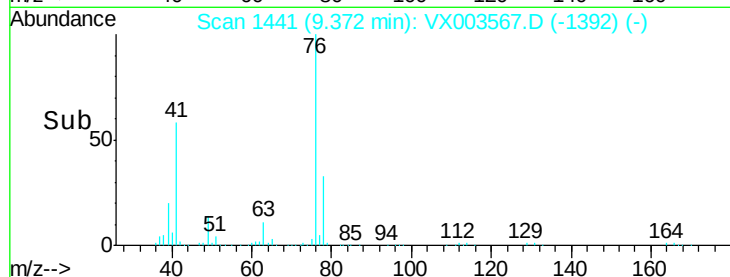
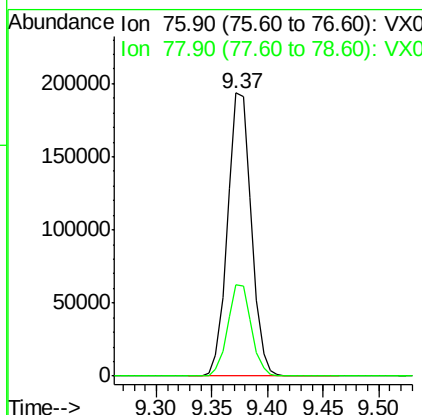
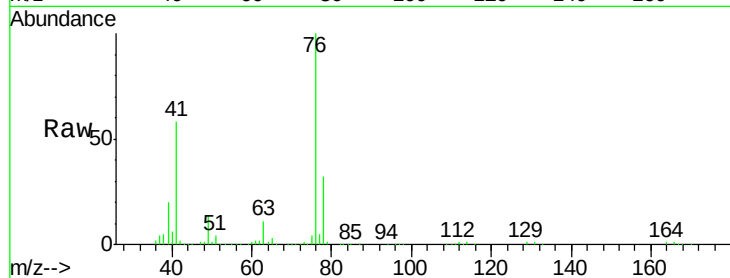




#57
 1,3-Dichloropropane
 Concen: 52.94 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX003567.D
 Acq: 21 Jul 2018 20:39

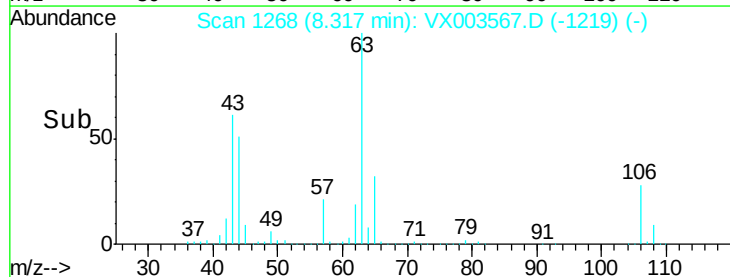
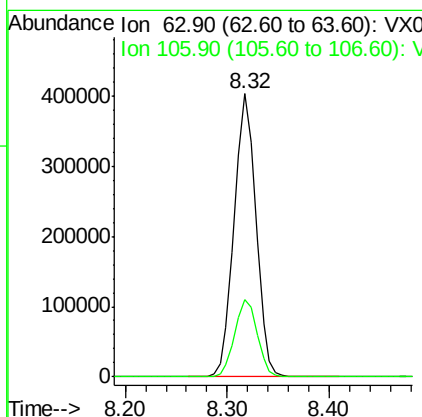
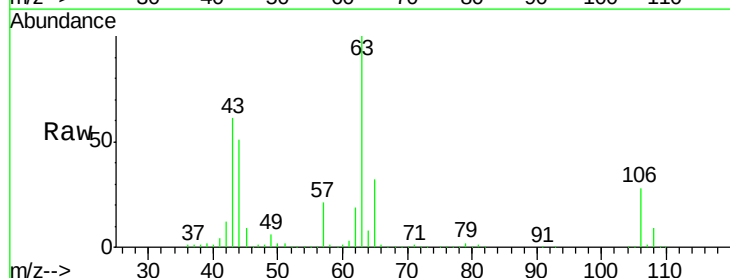
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

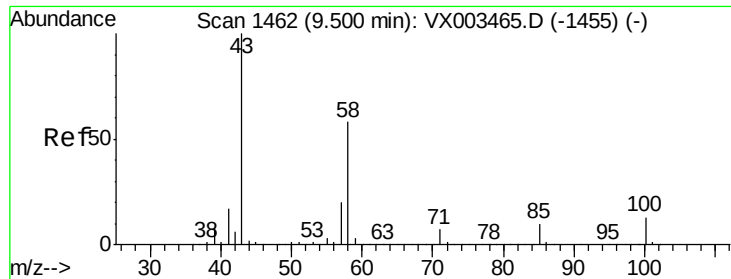
Tot Ion: 76 Resp: 285486
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 260.06 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX003567.D
 Acq: 21 Jul 2018 20:39

Tgt Ion: 63 Resp: 594254
 Ion Ratio Lower Upper
 63 100
 106 28.2 21.8 32.8

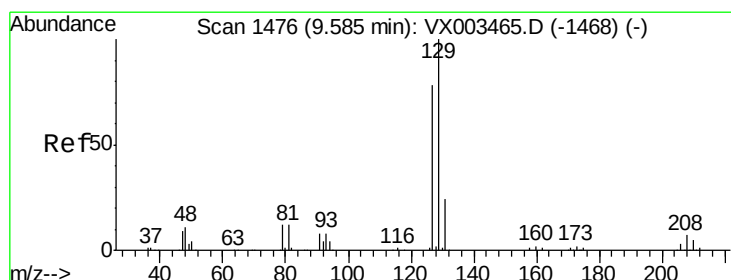
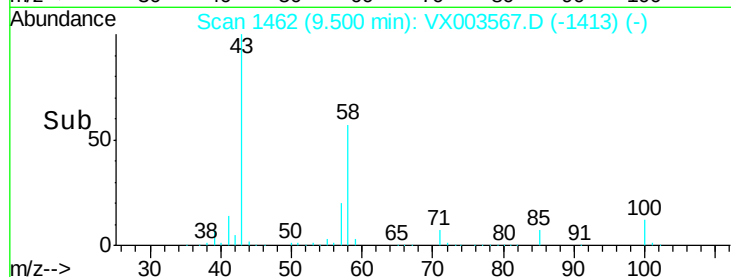
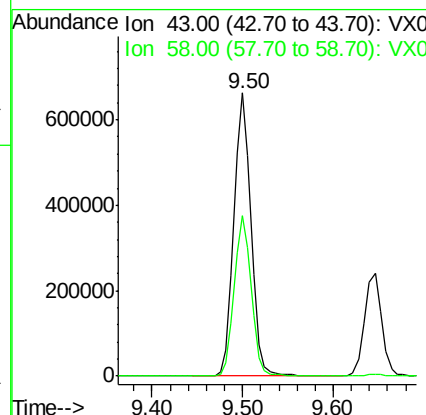
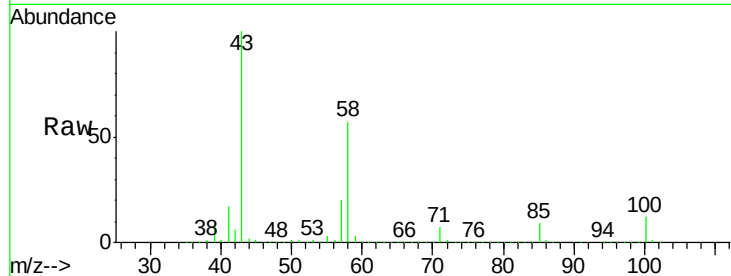




#59
2-Hexanone
Concen: 280.16 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

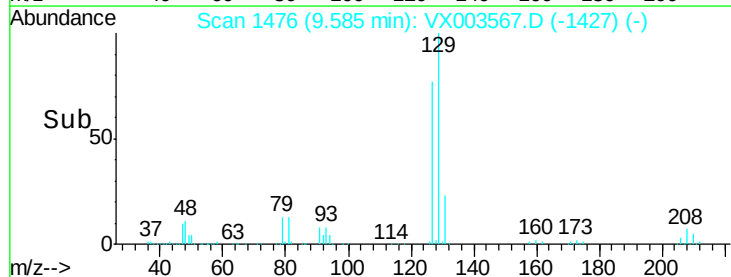
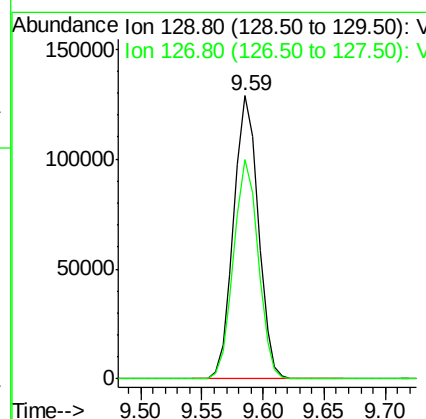
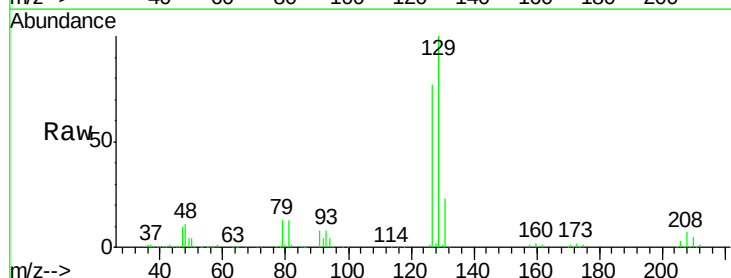
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

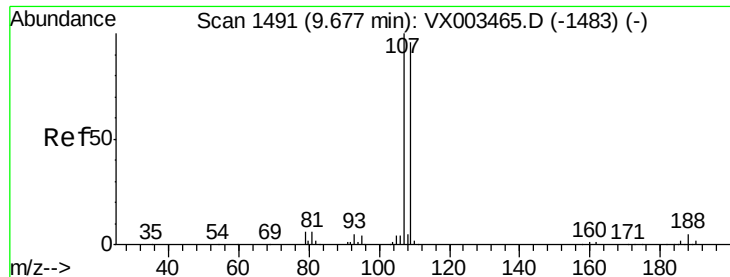
Tot Ion: 43 Resp: 870871
Ion Ratio Lower Upper
43 100
58 56.5 24.6 73.6



#60
Dibromochloromethane
Concen: 54.35 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:129 Resp: 179479
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 52.17 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

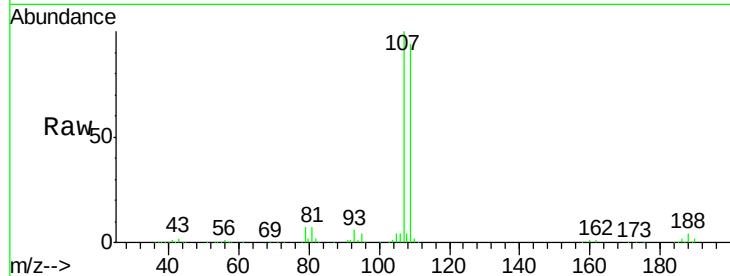
VSTDCCC050EC

Tot Ion:107 Resp: 180440

Ion Ratio Lower Upper

107 100

109 94.5 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

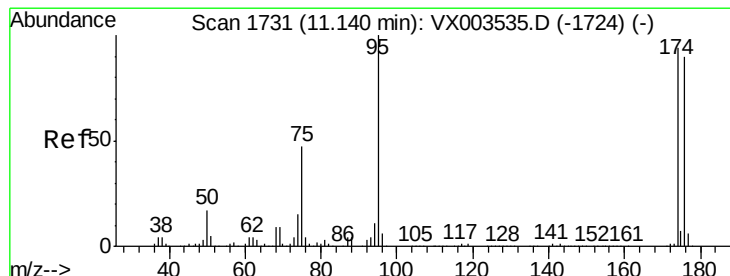
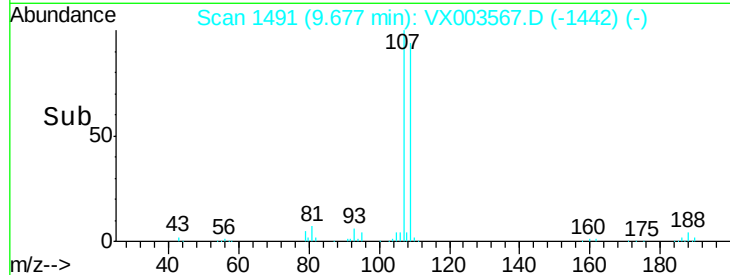
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.19 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

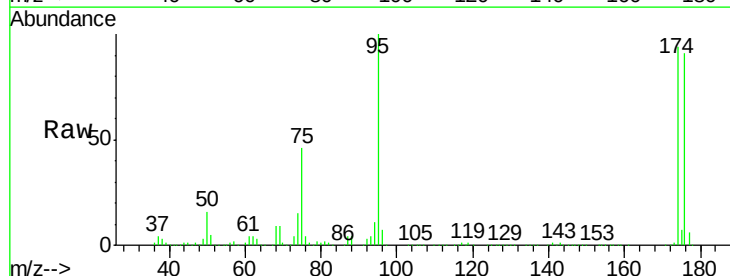
Tgt Ion: 95 Resp: 222802

Ion Ratio Lower Upper

95 100

174 96.1 0.0 187.4

176 93.3 0.0 181.0



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

250000

200000

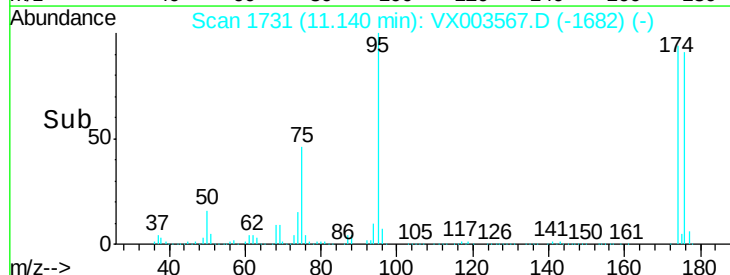
150000

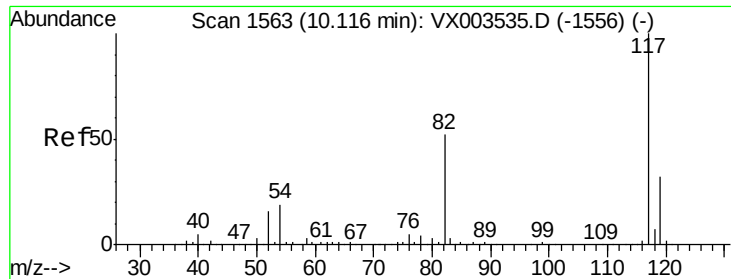
100000

50000

0

Time-->

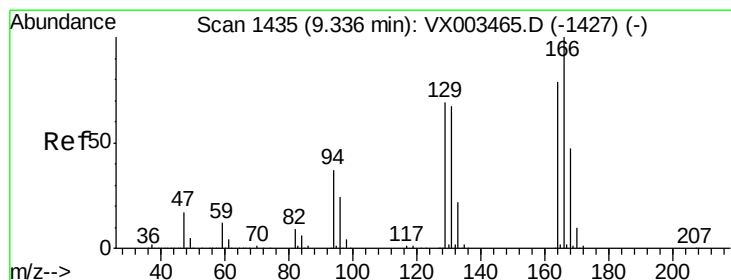
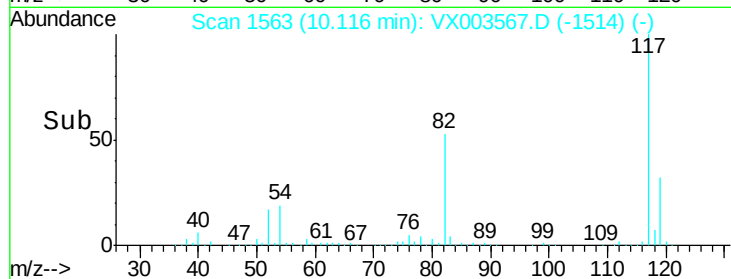
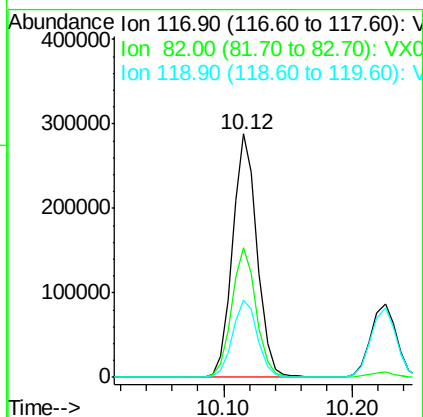
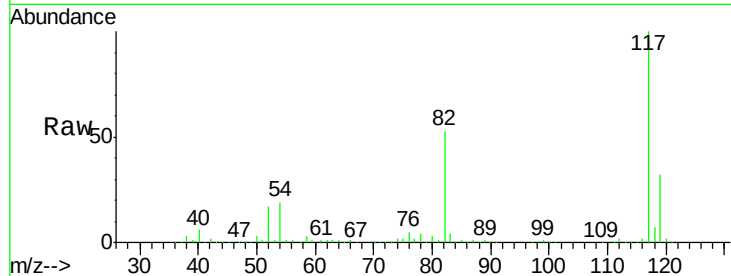




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

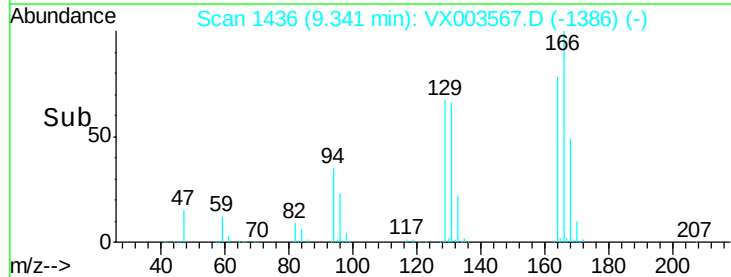
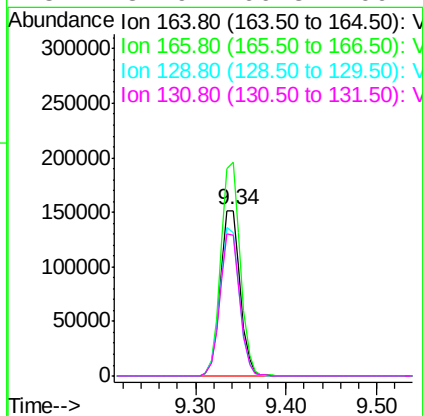
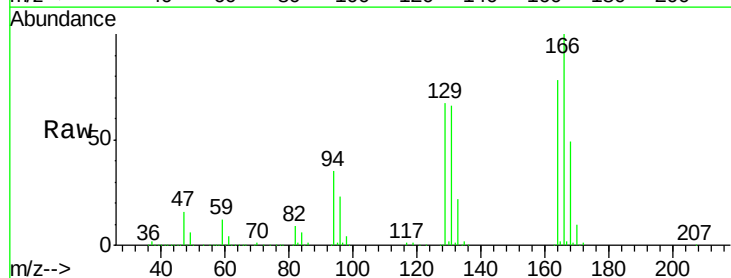
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

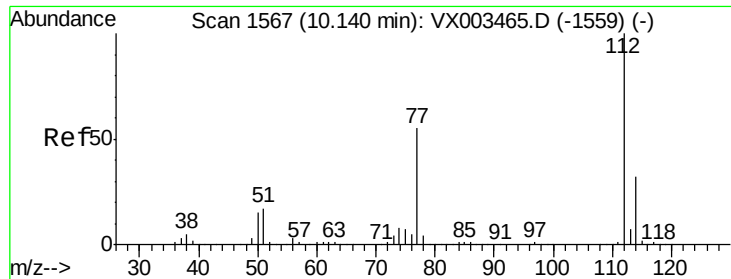
Tot Ion:117 Resp: 382131
Ion Ratio Lower Upper
117 100
82 53.1 45.0 67.4
119 31.9 25.8 38.6



#64
Tetrachloroethene
Concen: 49.44 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:164 Resp: 230164
Ion Ratio Lower Upper
164 100
166 129.0 102.9 154.3
129 86.5 68.6 102.8
131 84.9 66.8 100.2

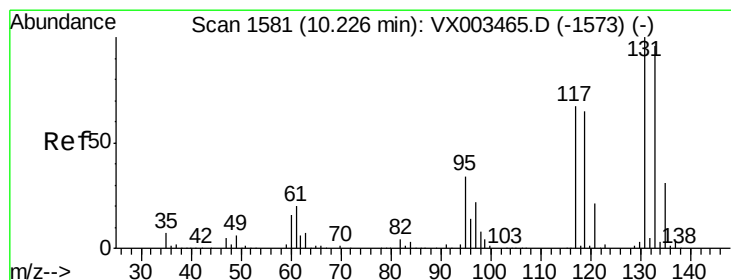
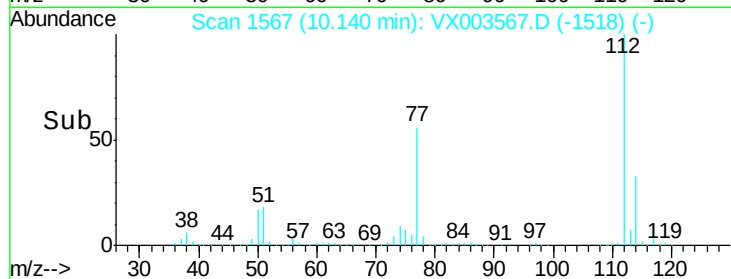
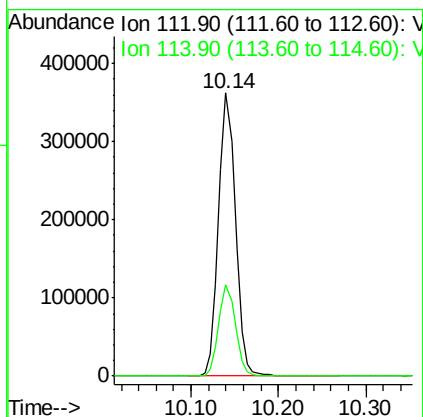
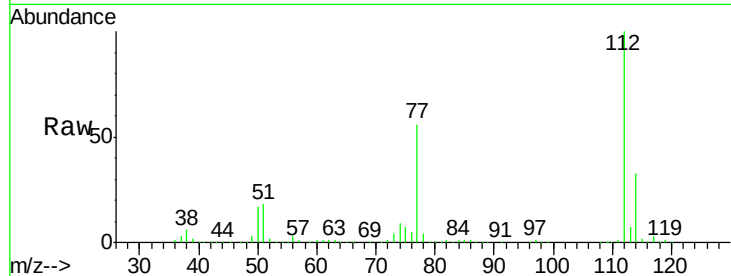




#65
Chlorobenzene
Concen: 49.41 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

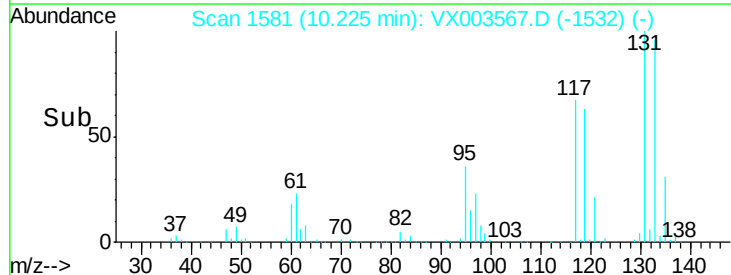
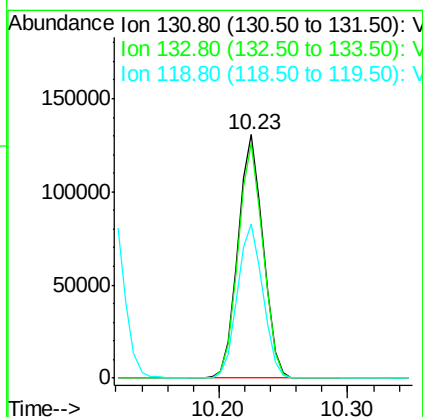
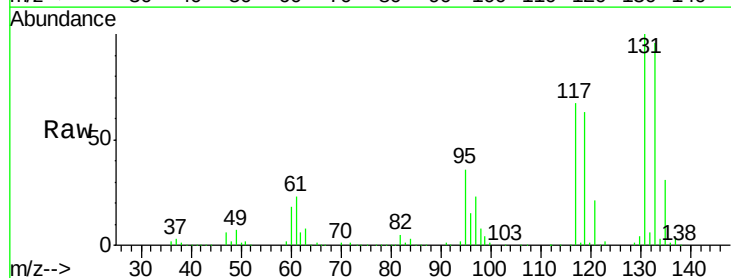
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

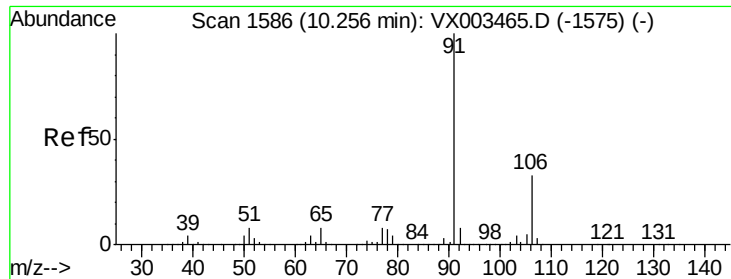
Tot Ion:112 Resp: 486450
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.92 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:131 Resp: 175891
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.6
119 64.2 31.8 95.3

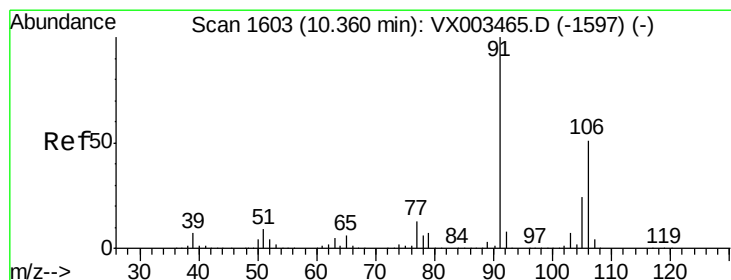
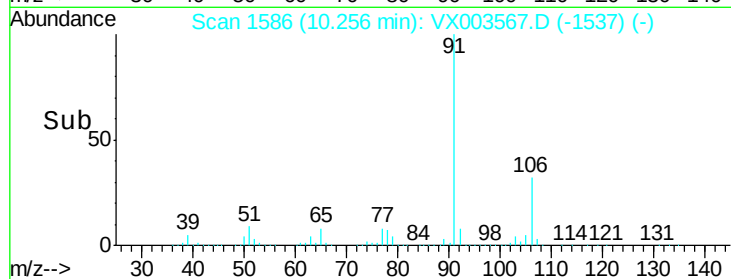
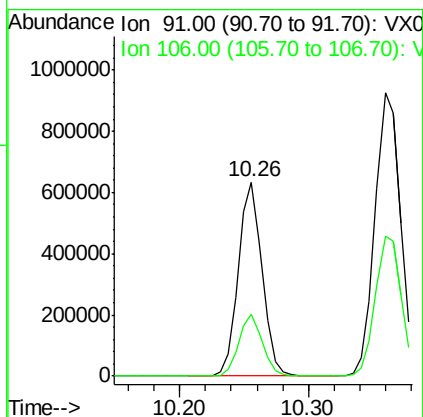
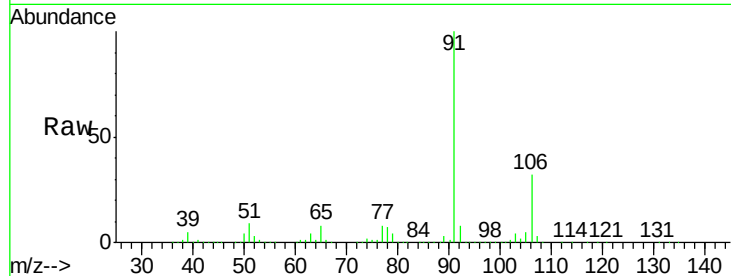




#67
Ethyl Benzene
Concen: 51.27 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

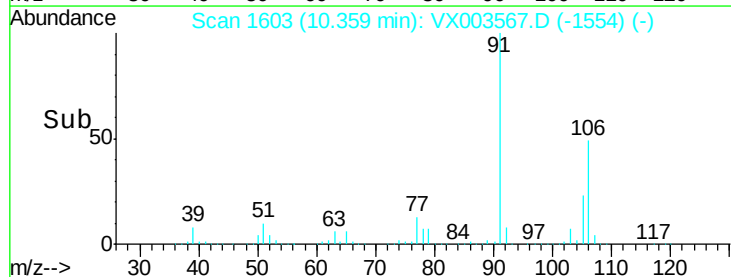
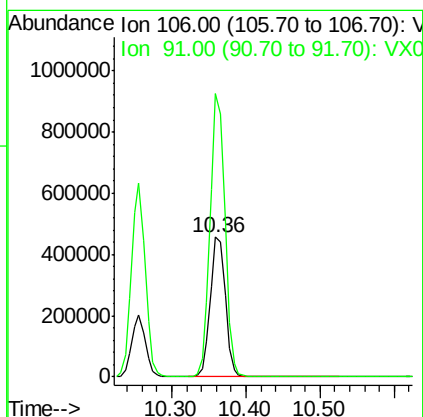
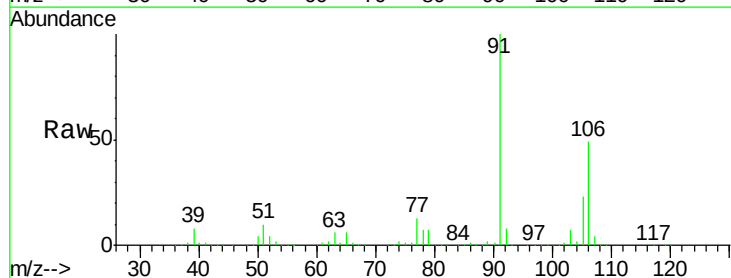
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

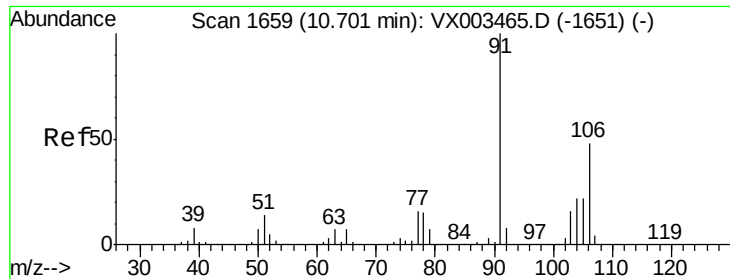
Tot Ion: 91 Resp: 811652
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3



#68
m/p-Xylenes
Concen: 102.68 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 106 Resp: 637224
Ion Ratio Lower Upper
106 100
91 199.0 163.4 245.2

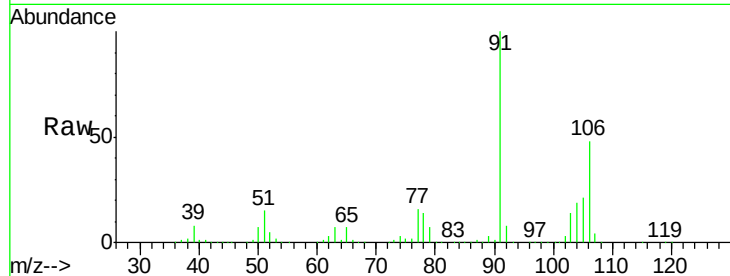




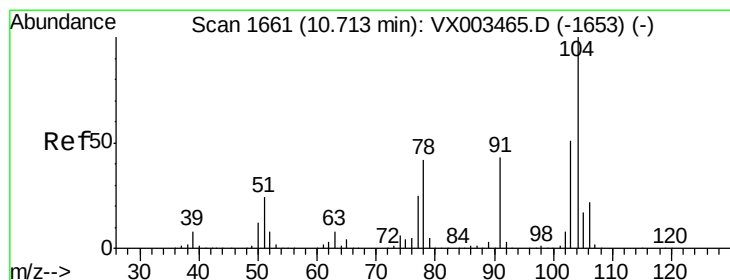
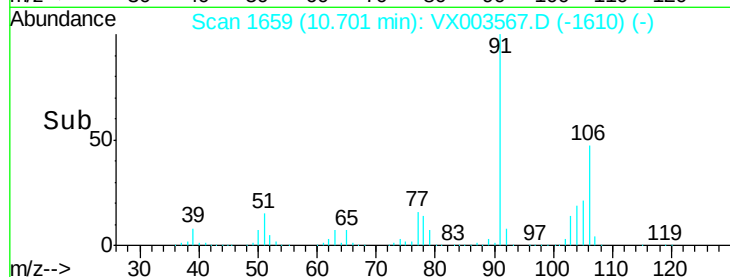
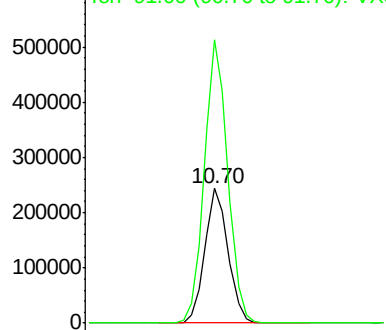
#69
o-Xylene
Concen: 51.19 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 307210
Ion Ratio Lower Upper
106 100
91 211.0 108.2 324.6

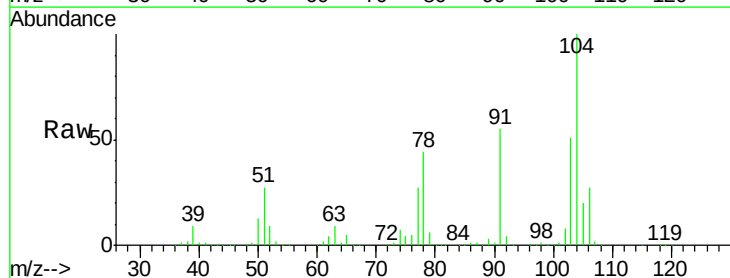


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

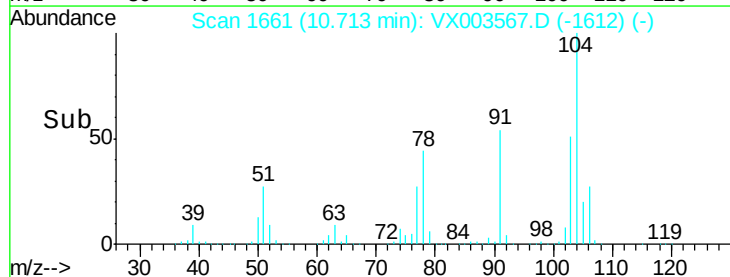
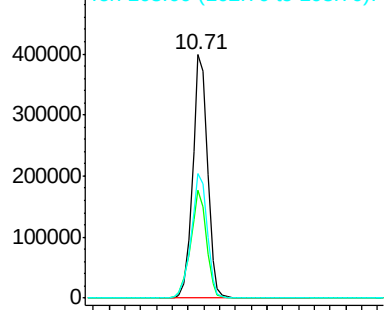


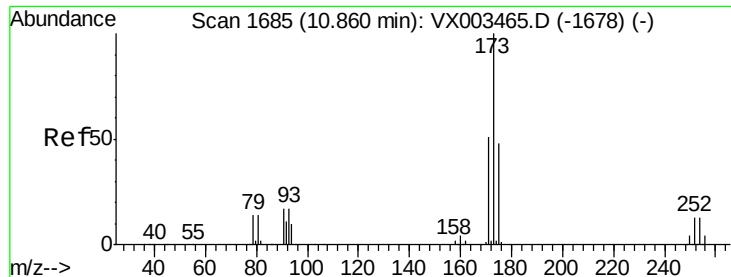
#70
Styrene
Concen: 52.98 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:104 Resp: 522993
Ion Ratio Lower Upper
104 100
78 47.4 41.0 61.6
103 55.4 44.2 66.4



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

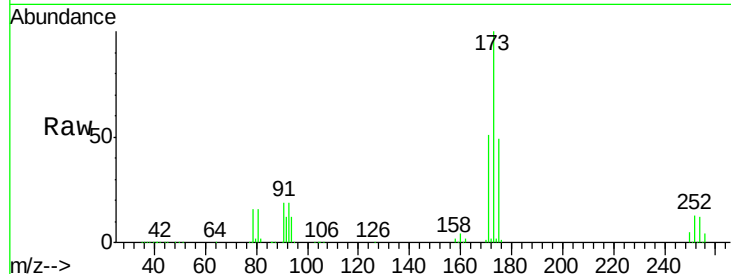




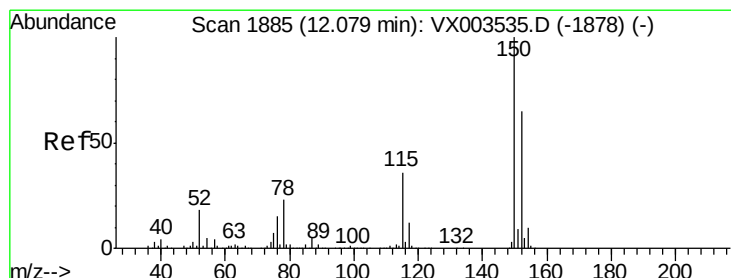
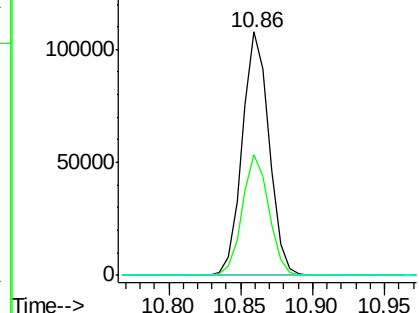
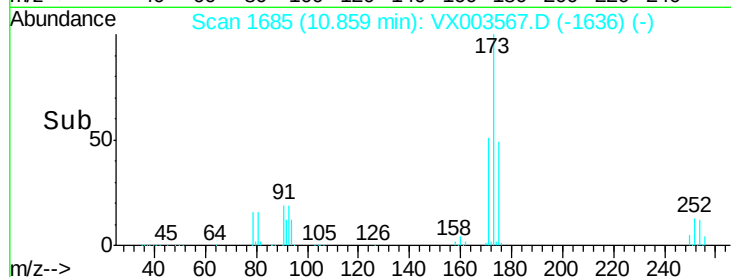
#71
Bromoform
Concen: 53.02 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 139555
Ion Ratio Lower Upper
173 100
175 49.0 24.7 74.1
254 0.1 0.2 0.2#

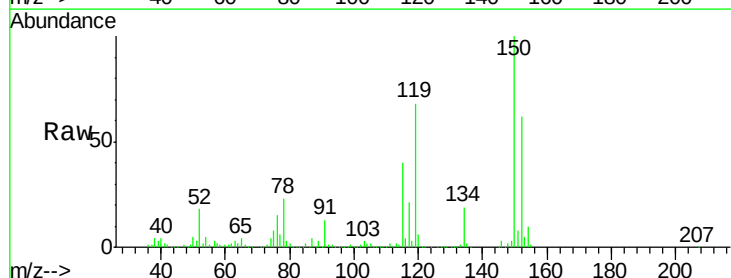


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

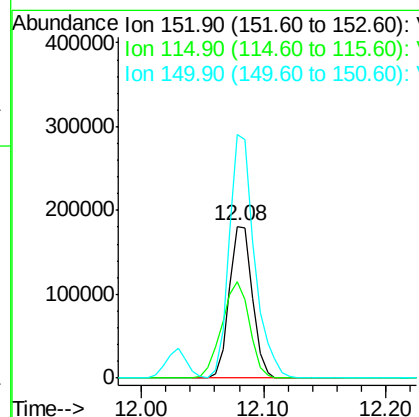
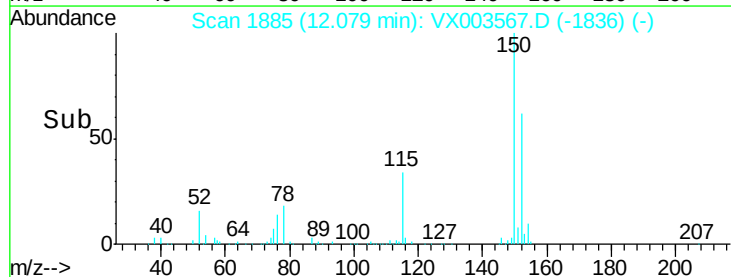


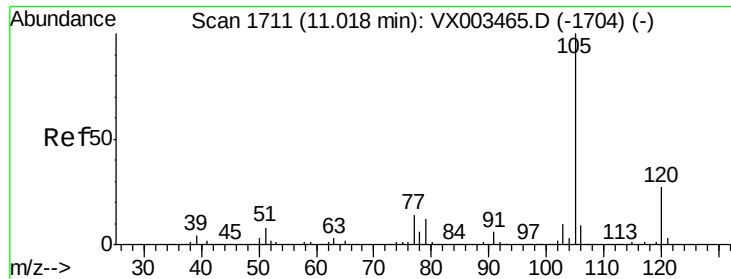
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:152 Resp: 235352
Ion Ratio Lower Upper
152 100
115 76.8 40.1 120.2
150 175.7 0.0 347.2



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: 50.98 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.01 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

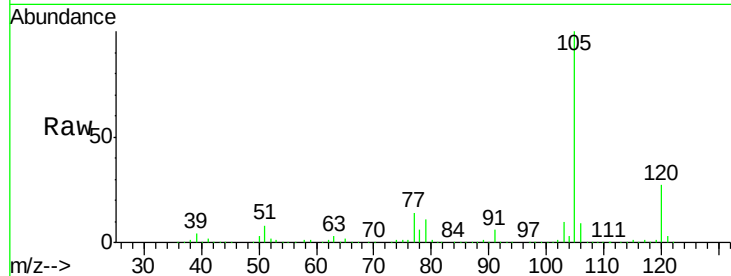
VSTDCCC050EC

Tot Ion:105 Resp: 829750

Ion Ratio Lower Upper

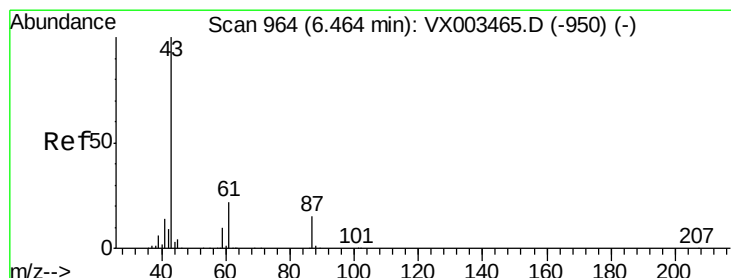
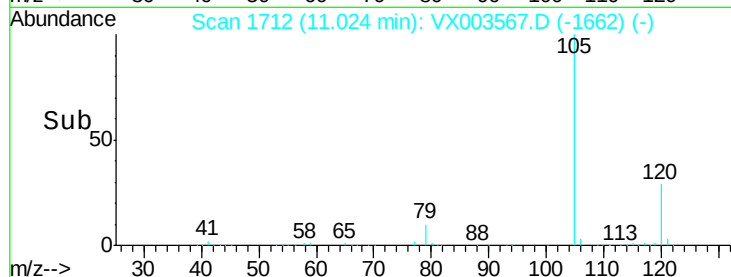
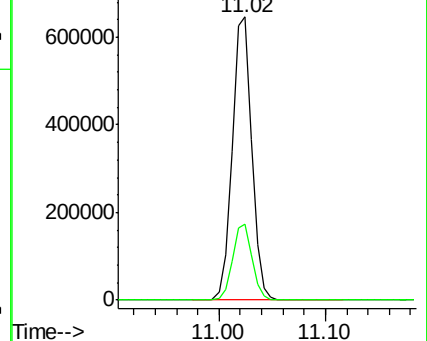
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.80 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

Tgt Ion: 43 Resp: 351075

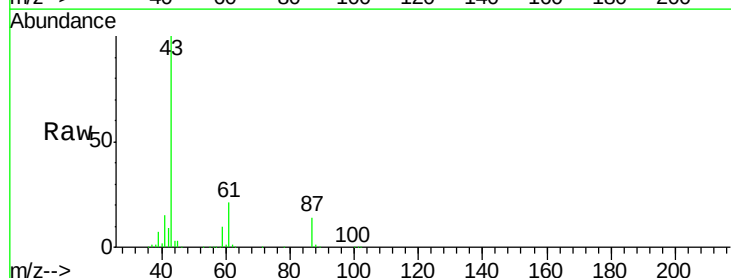
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 20.7 14.4 21.6

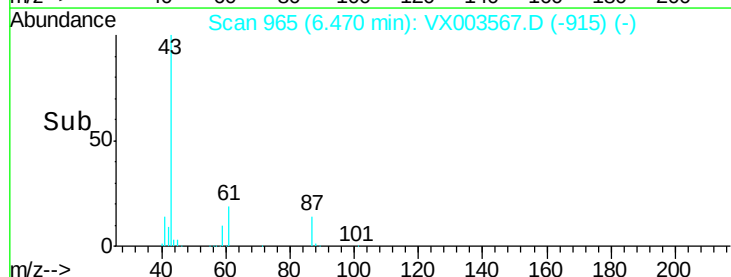
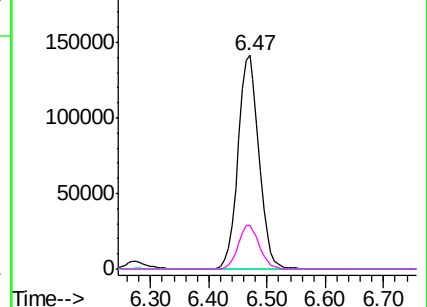


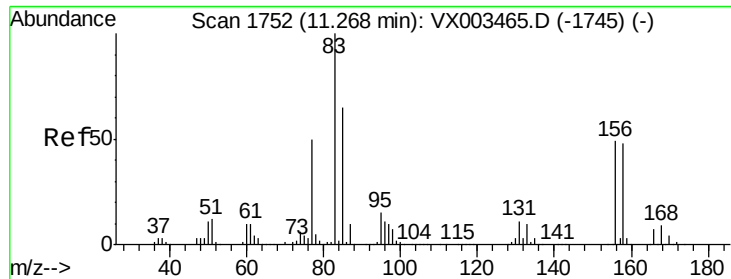
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.67 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

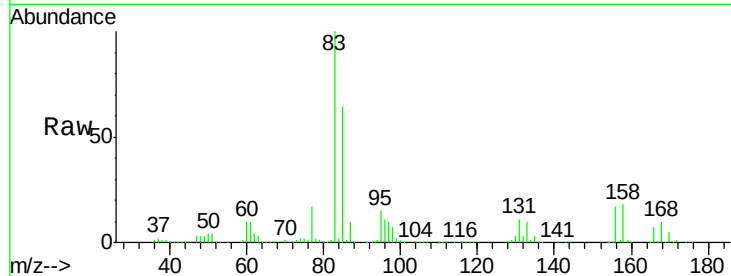
Tot Ion: 83 Resp: 246470

Ion Ratio Lower Upper

83 100

131 10.7 5.6 16.8

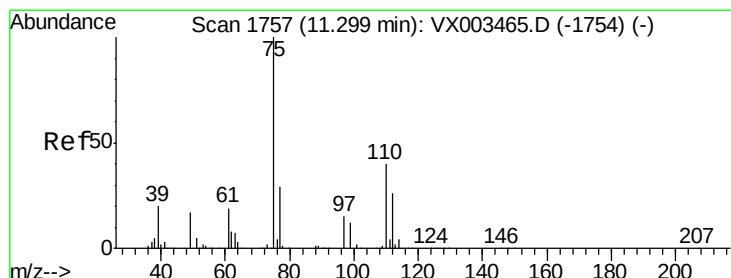
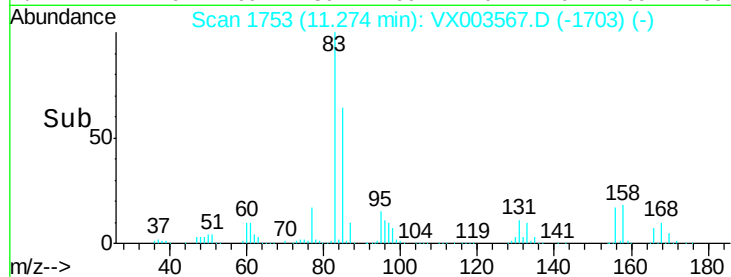
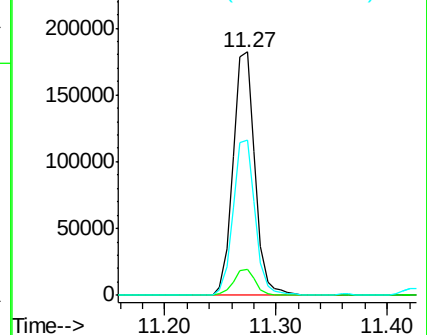
85 64.2 32.4 97.2



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: 67.59 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003567.D

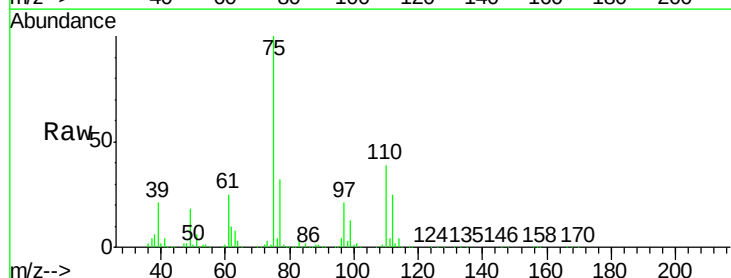
Acq: 21 Jul 2018 20:39

Tgt Ion: 75 Resp: 285775

Ion Ratio Lower Upper

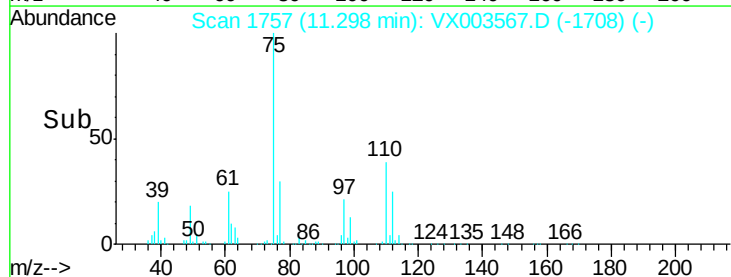
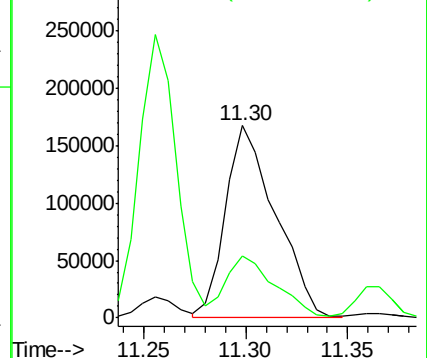
75 100

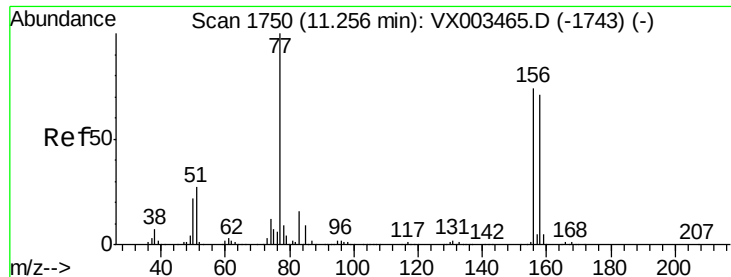
77 32.0 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.61 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

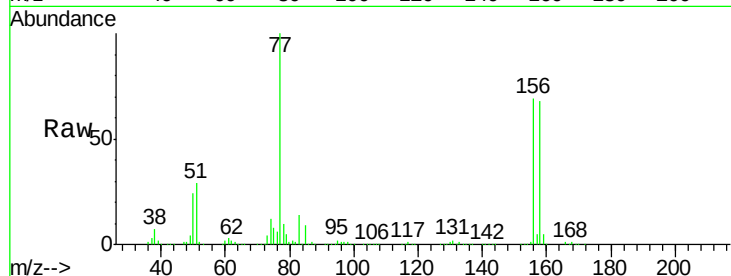
Tot Ion:156 Resp: 227548

Ion Ratio Lower Upper

156 100

77 137.3 71.4 214.2

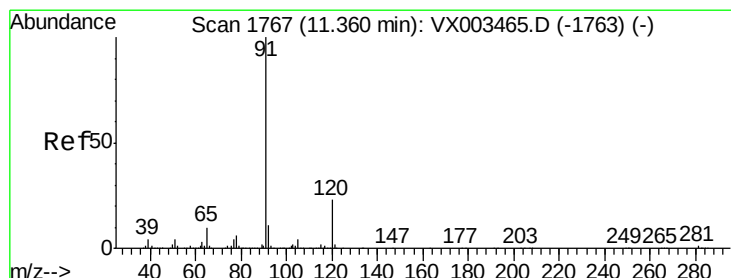
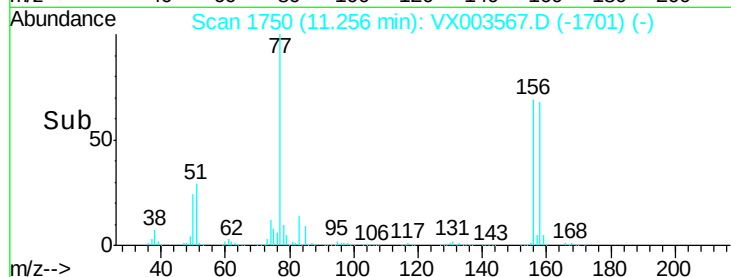
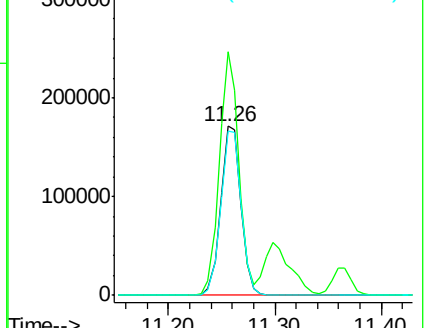
158 98.0 48.9 146.6



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: 51.79 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.01 min

Lab File: VX003567.D

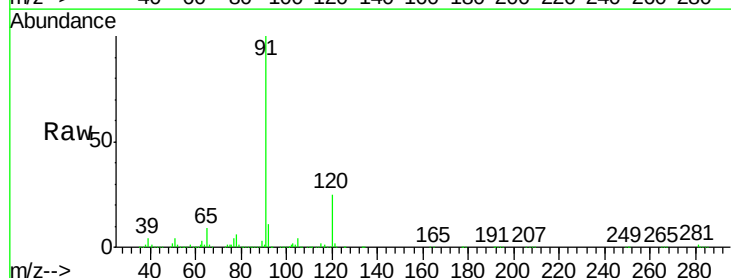
Acq: 21 Jul 2018 20:39

Tgt Ion: 91 Resp: 936957

Ion Ratio Lower Upper

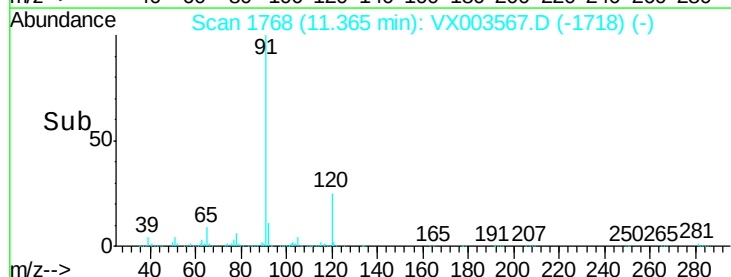
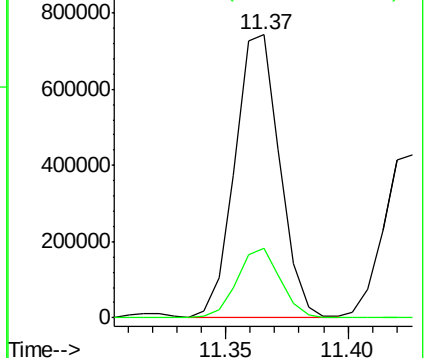
91 100

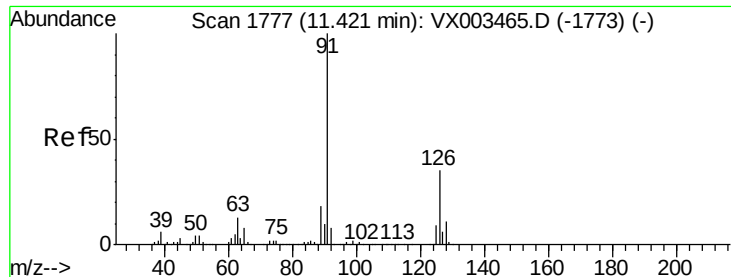
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.49 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.01 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

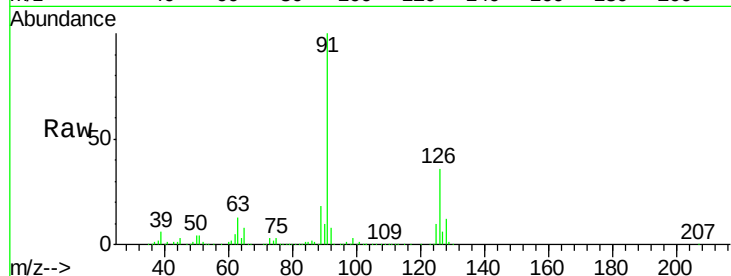
VSTDCCC050EC

Tot Ion: 91 Resp: 554536

Ion Ratio Lower Upper

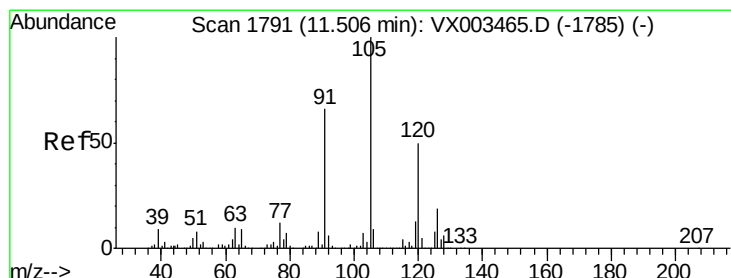
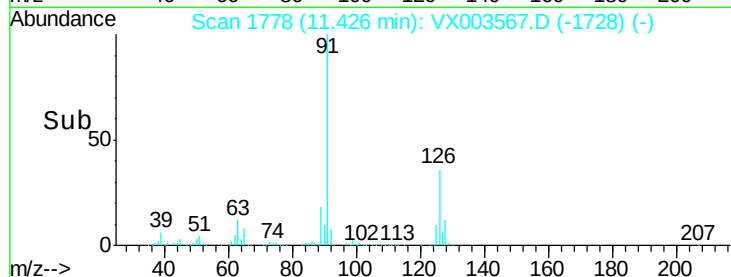
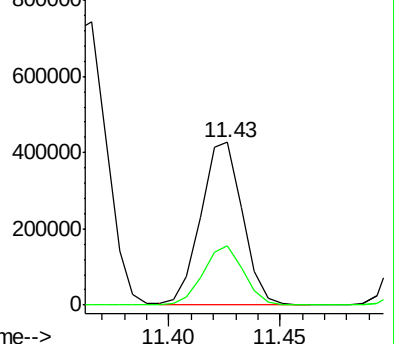
91 100

126 35.8 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX003465.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX003465.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.65 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX003567.D

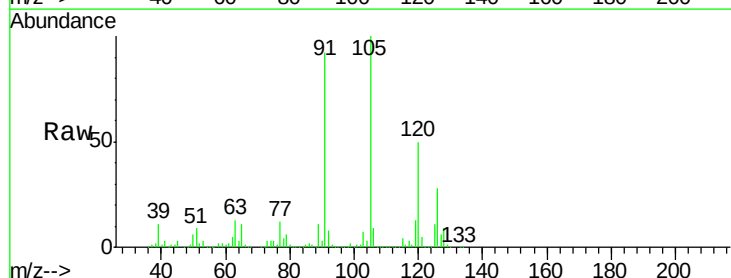
Acq: 21 Jul 2018 20:39

Tgt Ion: 105 Resp: 690870

Ion Ratio Lower Upper

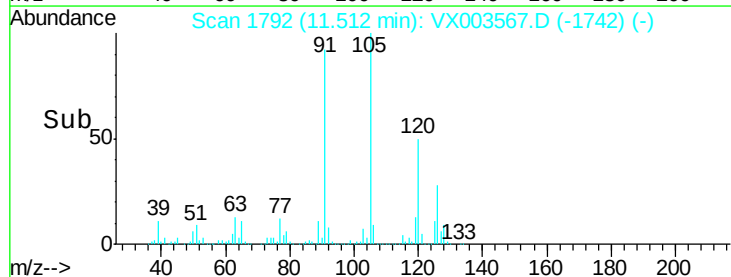
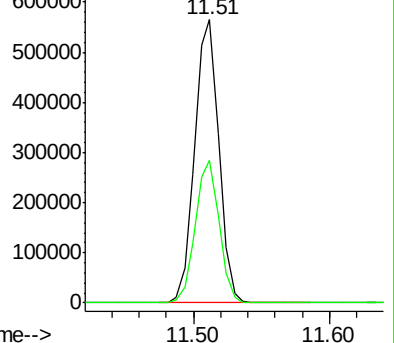
105 100

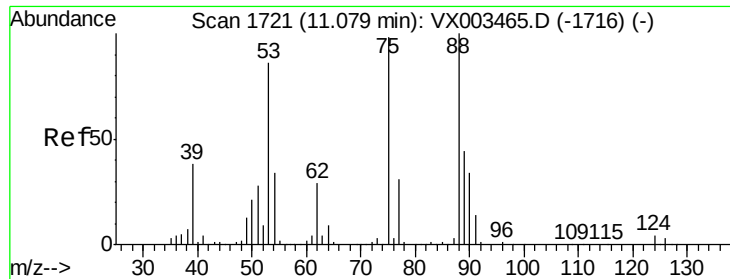
120 49.7 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX003465.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX003465.D (-1785) (-)

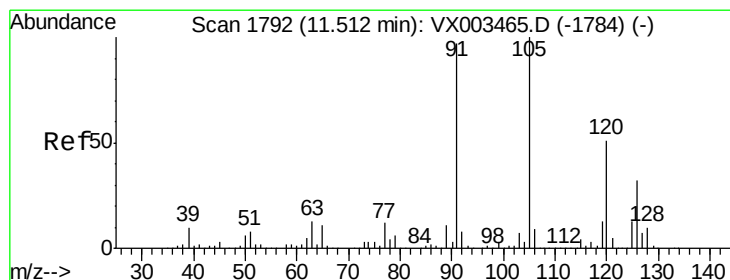
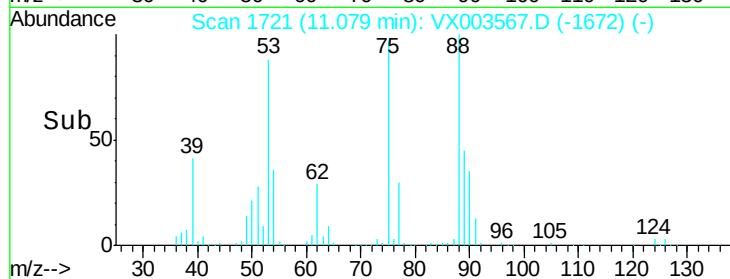
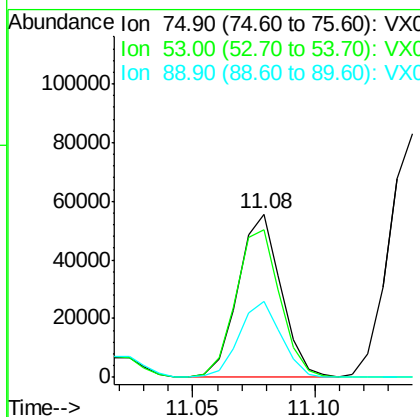
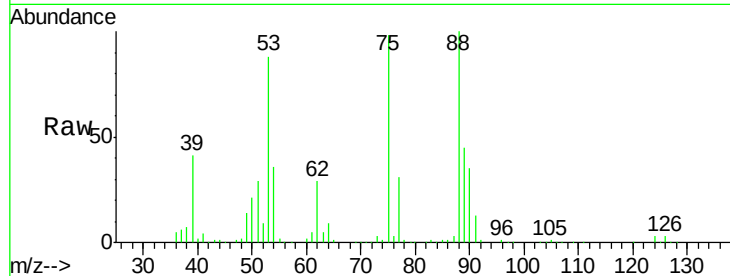




#81
trans-1,4-Dichloro-2-butene
Concen: 45.28 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

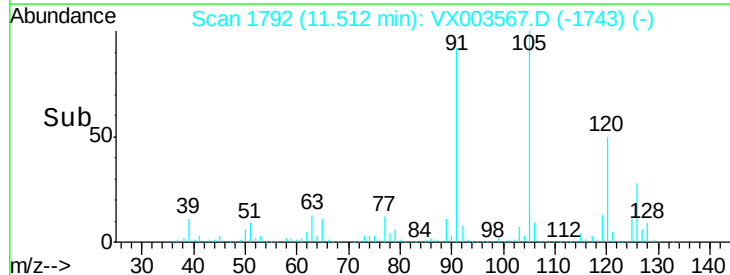
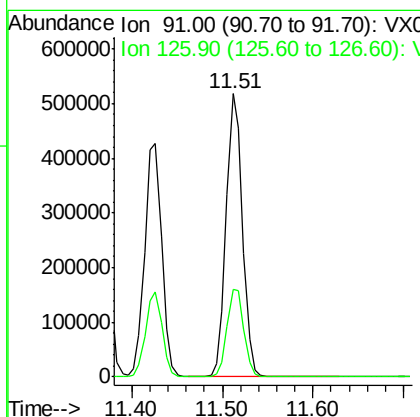
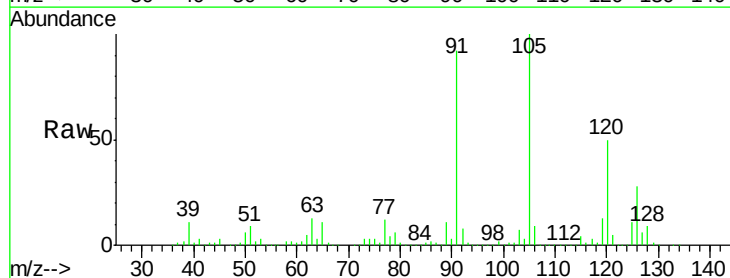
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

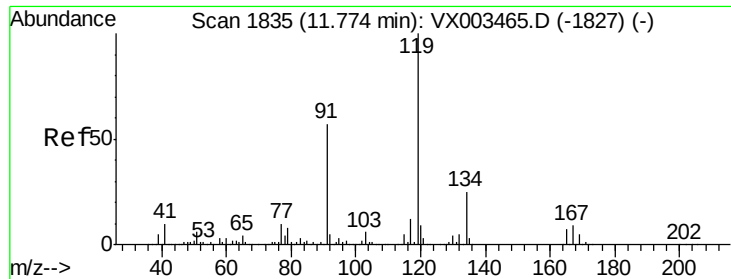
Tot Ion: 75 Resp: 67060
Ion Ratio Lower Upper
75 100
53 93.7 86.8 130.2
89 46.2 38.2 57.2



#82
4-Chlorotoluene
Concen: 50.45 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion: 91 Resp: 649345
Ion Ratio Lower Upper
91 100
126 32.0 15.4 46.4

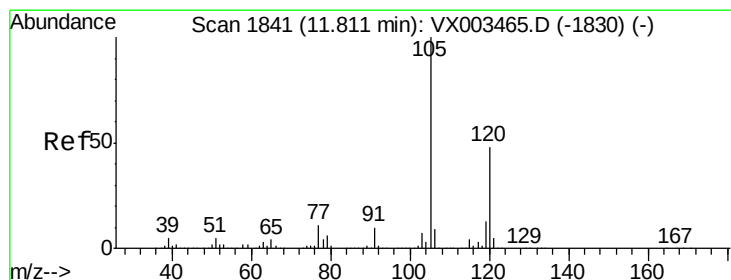
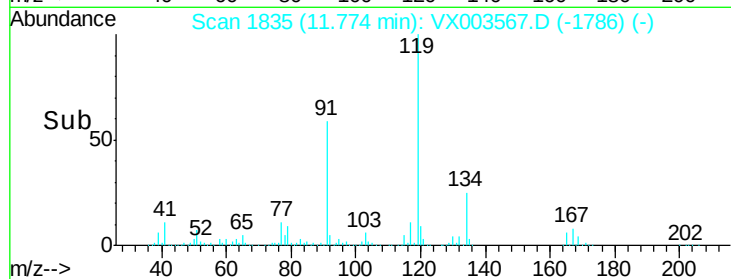
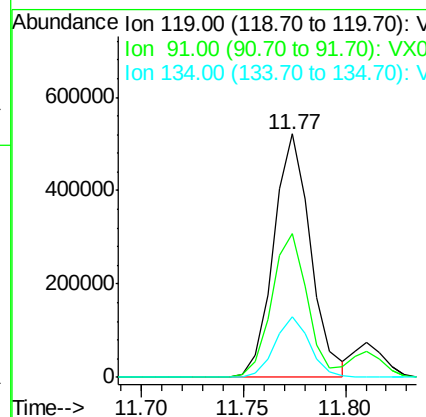
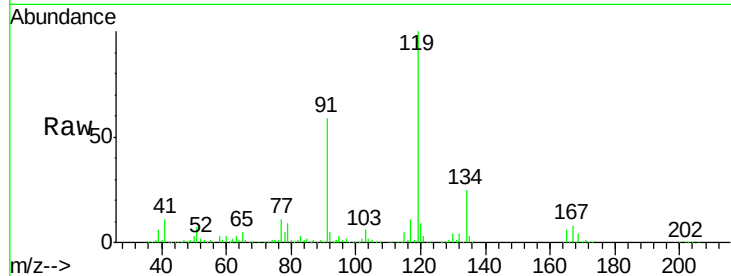




#83
 tert-Butylbenzene
 Concen: 50.24 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003567.D
 Acq: 21 Jul 2018 20:39

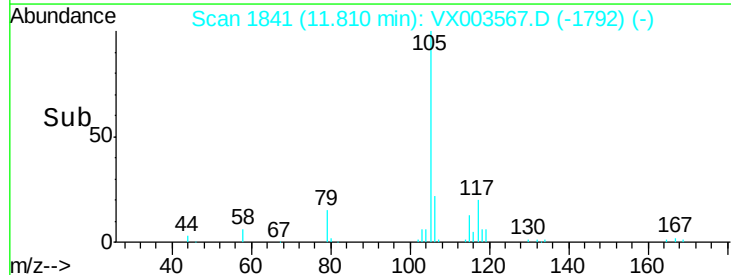
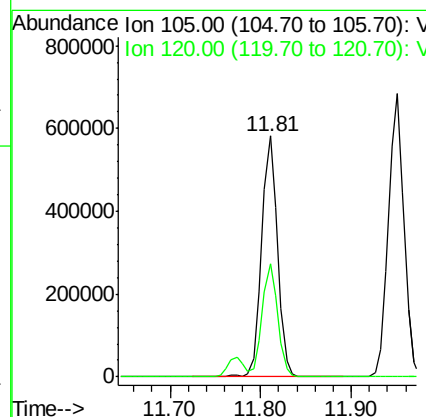
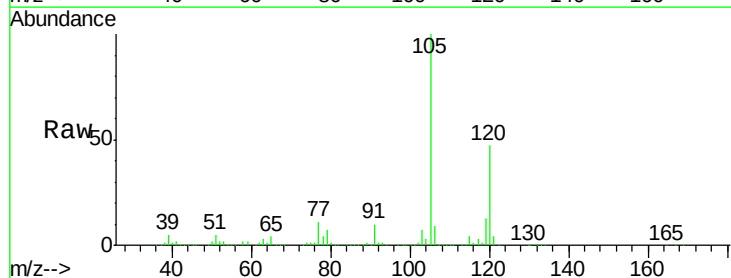
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

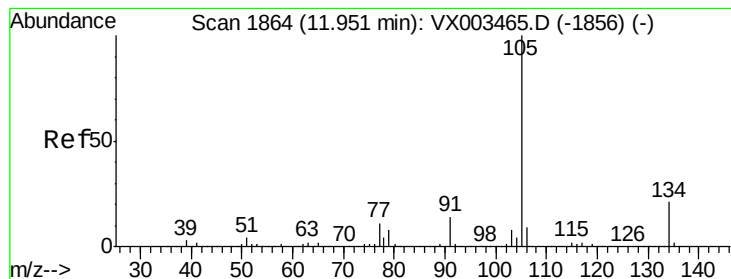
Tot Ion:119 Resp: 658207
 Ion Ratio Lower Upper
 119 100
 91 57.8 30.3 90.9
 134 23.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.79 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003567.D
 Acq: 21 Jul 2018 20:39

Tgt Ion:105 Resp: 704960
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.3 66.8





#85

sec-Butylbenzene

Concen: 51.16 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

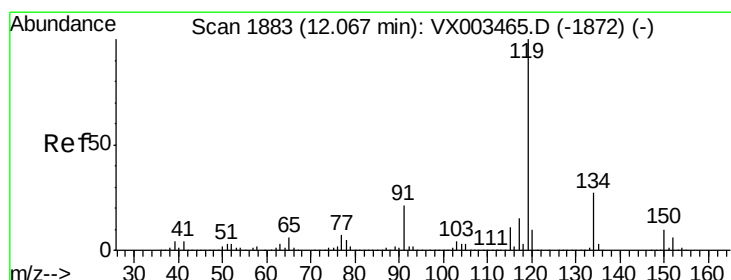
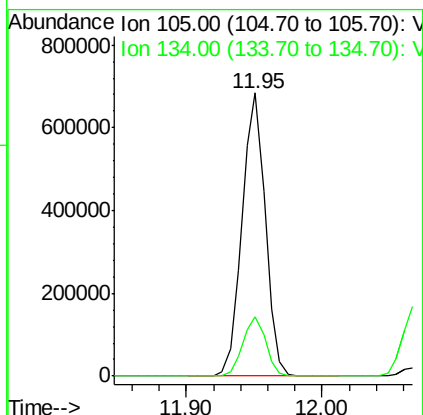
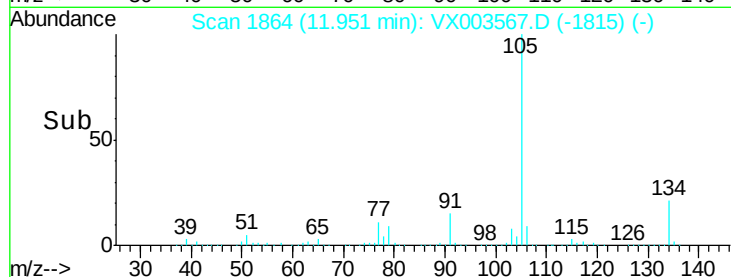
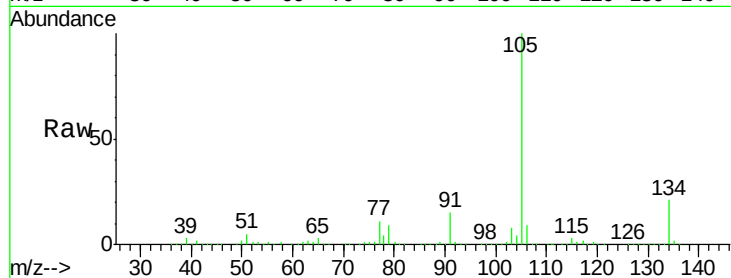
VSTDCCC050EC

Tot Ion:105 Resp: 814093

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.1



#86

p-Isopropyltoluene

Concen: 51.52 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

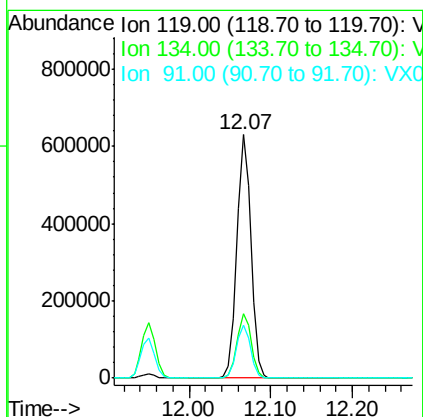
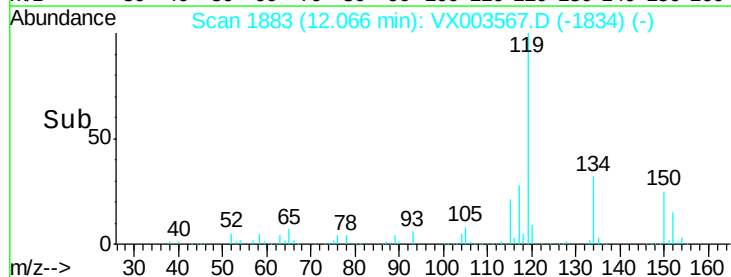
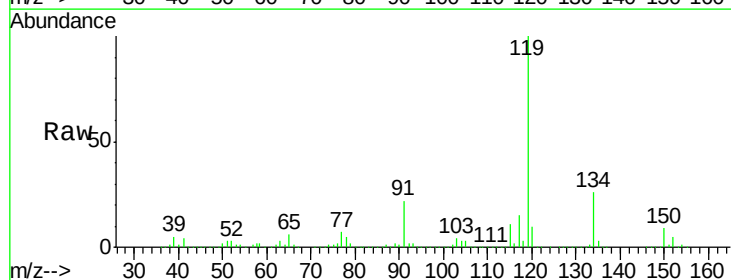
Tgt Ion:119 Resp: 735647

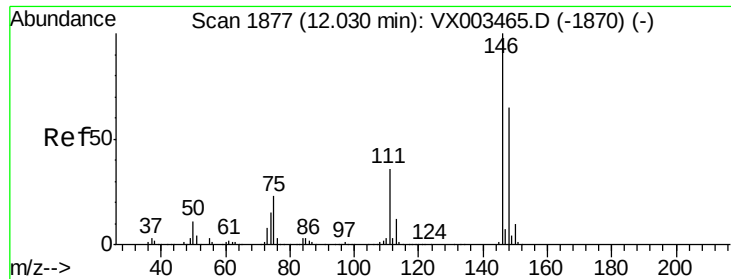
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 21.8 11.9 35.7

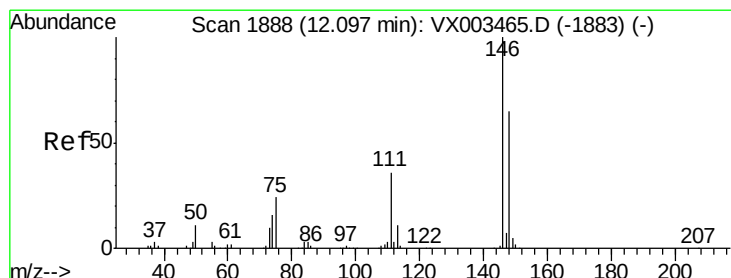
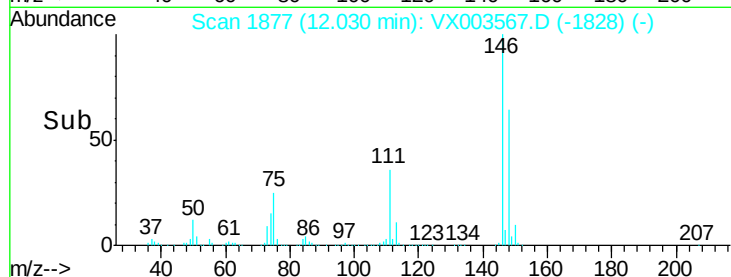
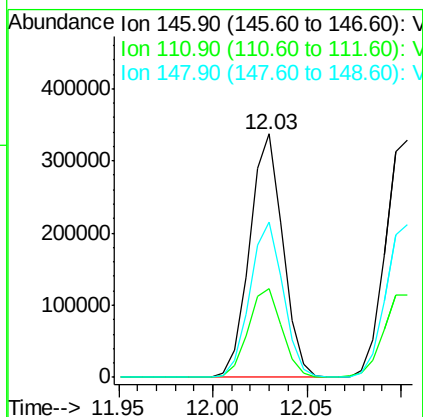
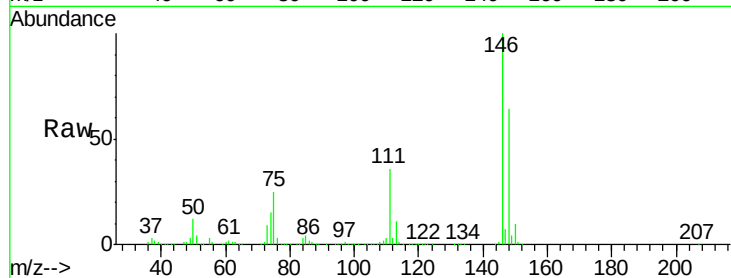




#87
 1,3-Dichlorobenzene
 Concen: 47.84 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003567.D
 Acq: 21 Jul 2018 20:39

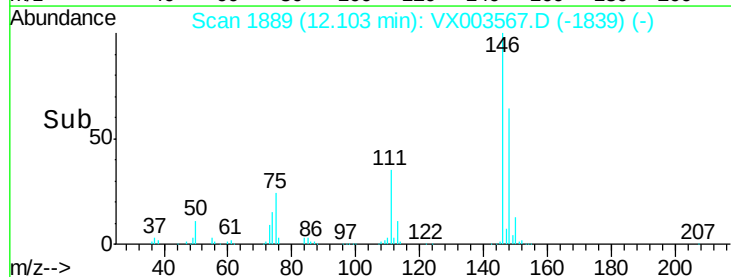
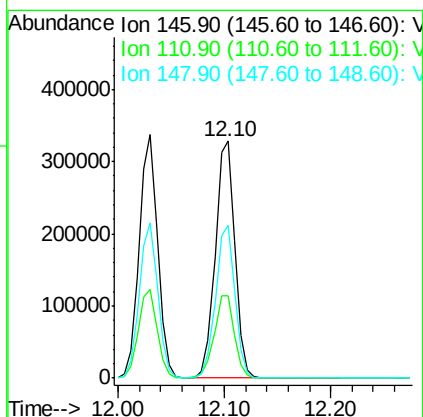
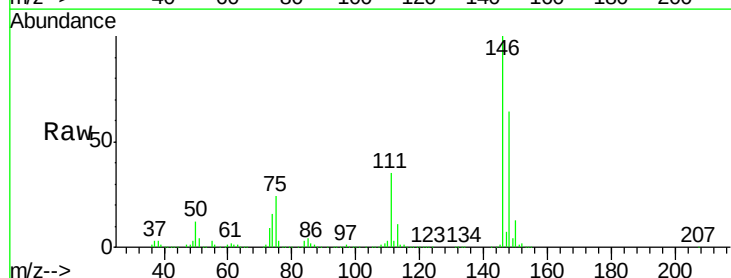
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

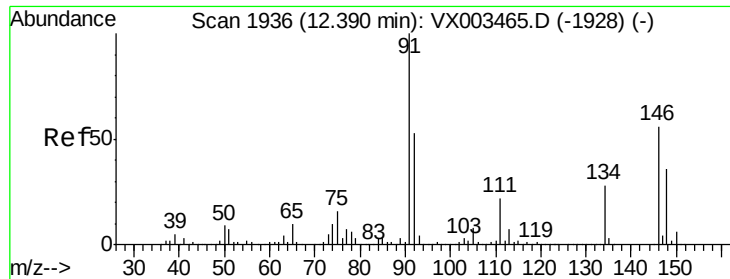
Tot Ion:146 Resp: 411720
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.9 56.7
 148 64.0 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 46.90 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.01 min
 Lab File: VX003567.D
 Acq: 21 Jul 2018 20:39

Tgt Ion:146 Resp: 415757
 Ion Ratio Lower Upper
 146 100
 111 35.9 18.7 56.1
 148 64.0 32.4 97.0





#89

n-Butylbenzene

Concen: 48.86 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX003567.D

Acq: 21 Jul 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

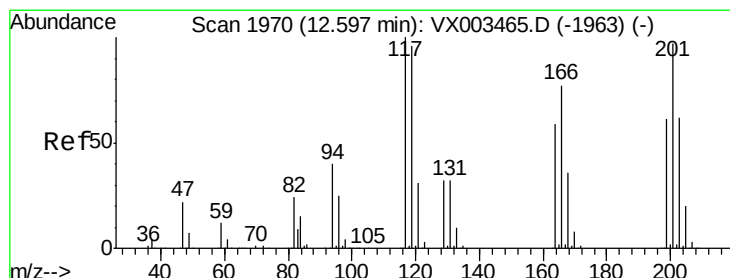
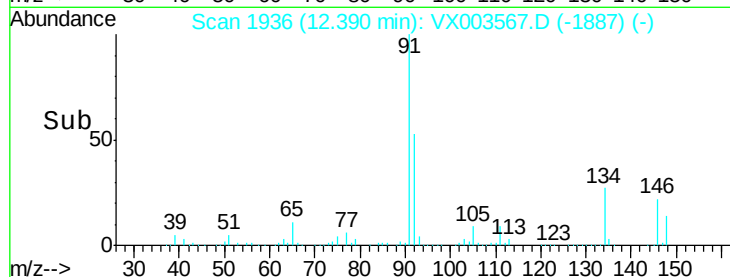
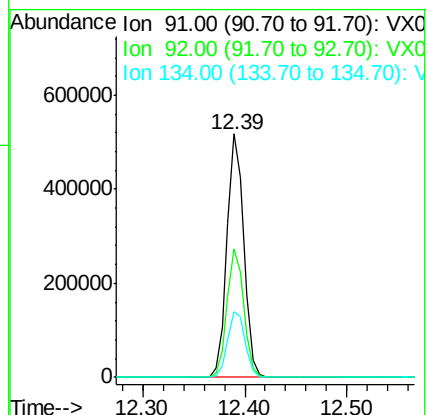
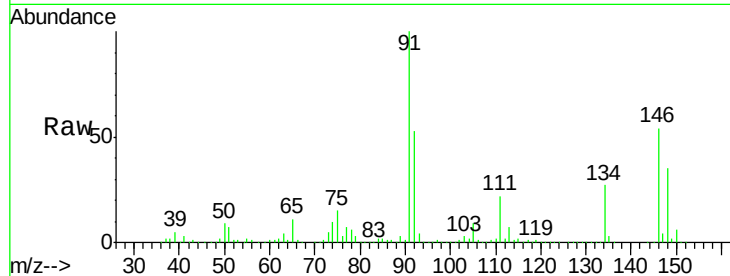
Tot Ion: 91 Resp: 592474

Ion Ratio Lower Upper

91 100

92 52.7 26.0 78.0

134 28.1 13.5 40.5



#90

Hexachloroethane

Concen: 49.56 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX003567.D

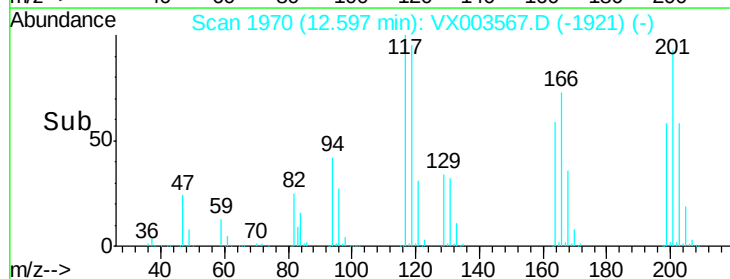
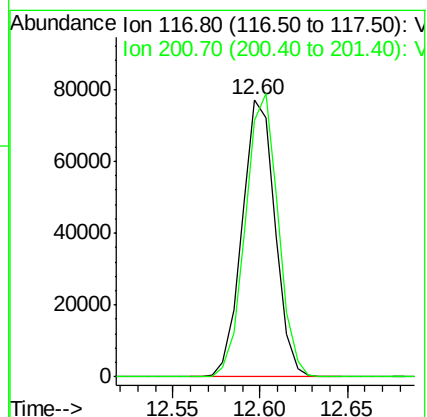
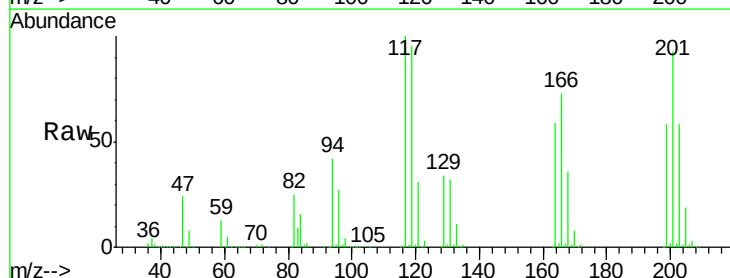
Acq: 21 Jul 2018 20:39

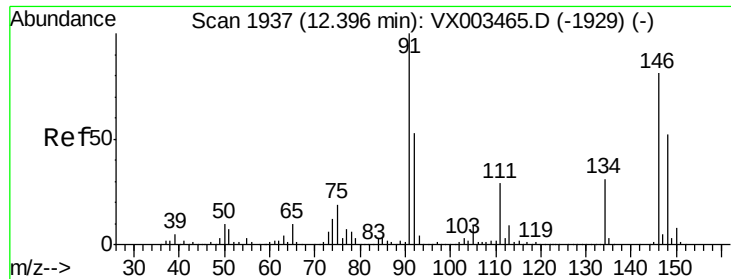
Tgt Ion: 117 Resp: 100596

Ion Ratio Lower Upper

117 100

201 101.2 49.0 147.0

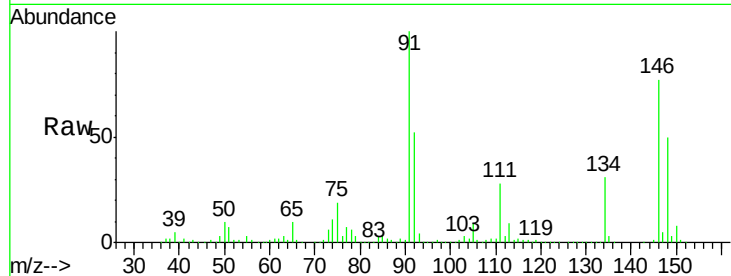




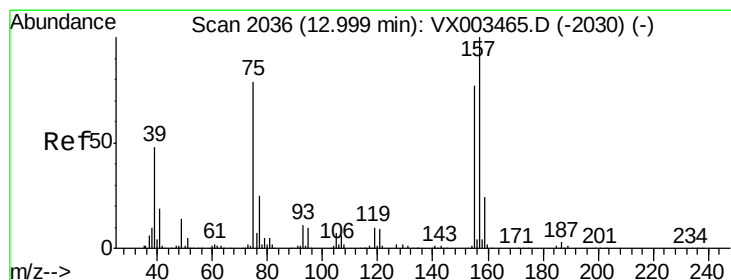
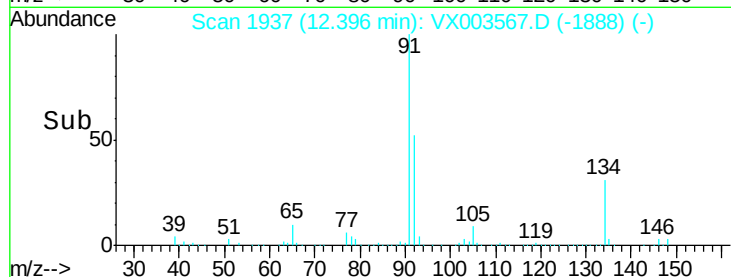
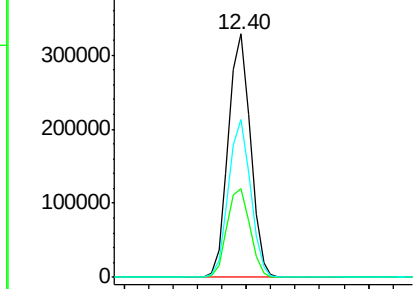
#91
 1,2-Dichlorobenzene
 Concen: 48.38 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003567.D
 Acq: 21 Jul 2018 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 410332
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.4 58.1
 148 64.6 31.7 95.1

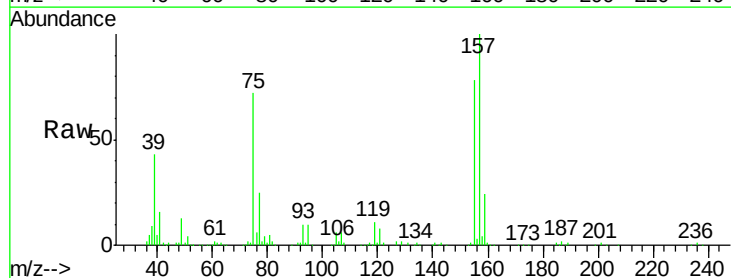


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

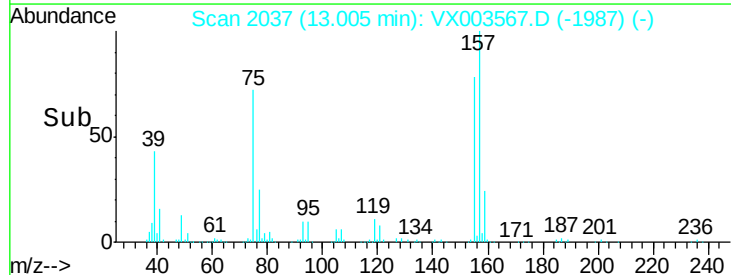
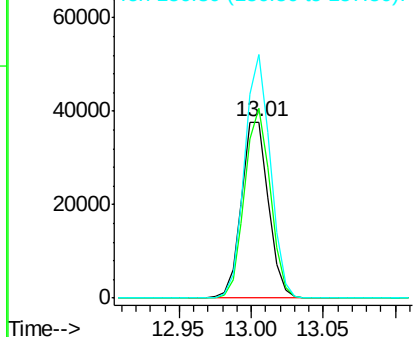


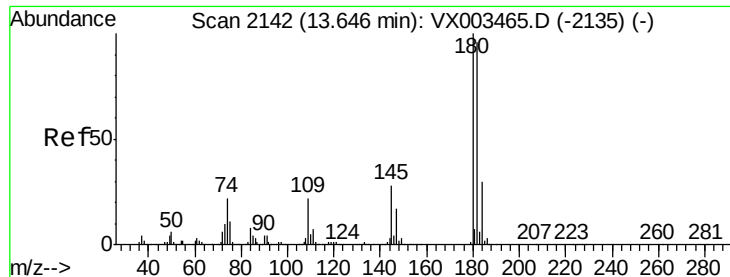
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.77 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VX003567.D
 Acq: 21 Jul 2018 20:39

Tgt Ion: 75 Resp: 48988
 Ion Ratio Lower Upper
 75 100
 155 102.3 45.8 137.4
 157 130.6 60.1 180.3



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

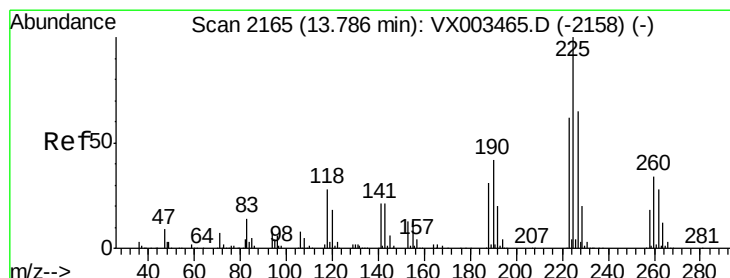
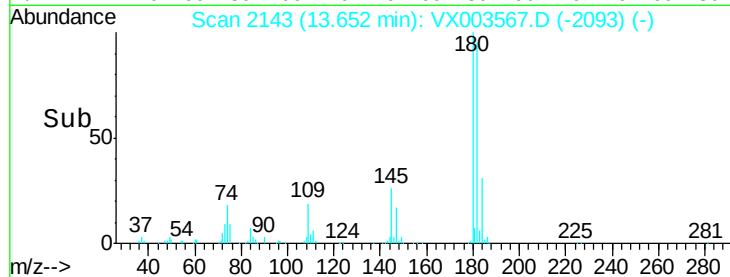
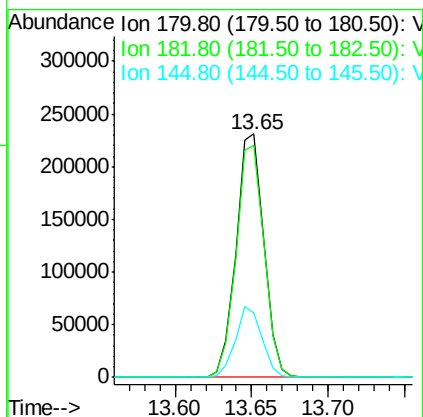
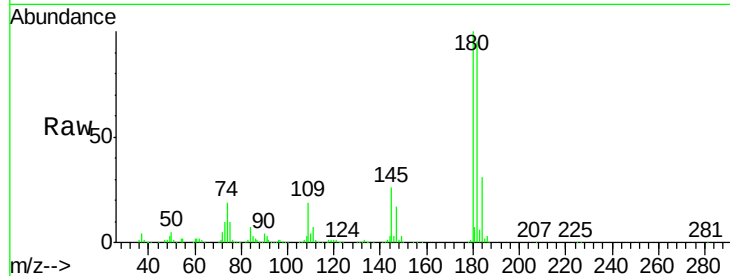




#93
 1,2,4-Trichlorobenzene
 Concen: 46.53 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VX003567.D
 Acq: 21 Jul 2018 20:39

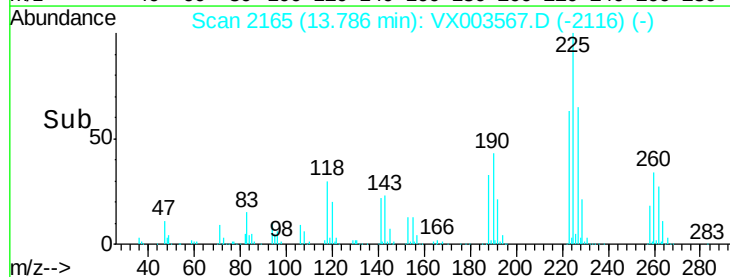
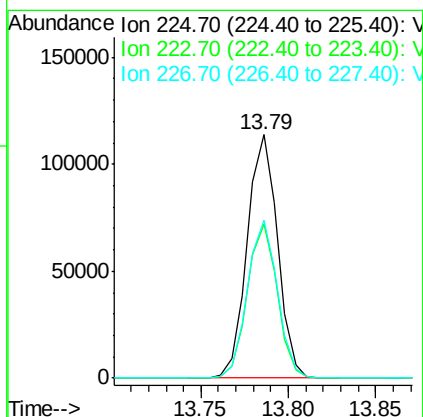
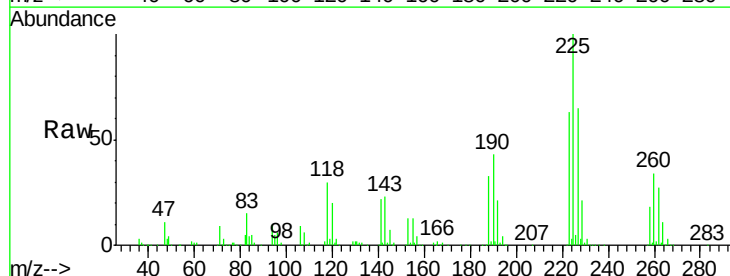
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

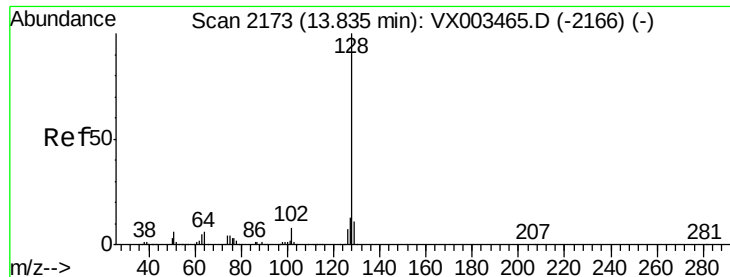
Tot Ion:180 Resp: 289261
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.7 143.1
 145 27.8 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 45.80 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003567.D
 Acq: 21 Jul 2018 20:39

Tgt Ion:225 Resp: 136928
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.6 95.0
 227 64.0 32.4 97.2

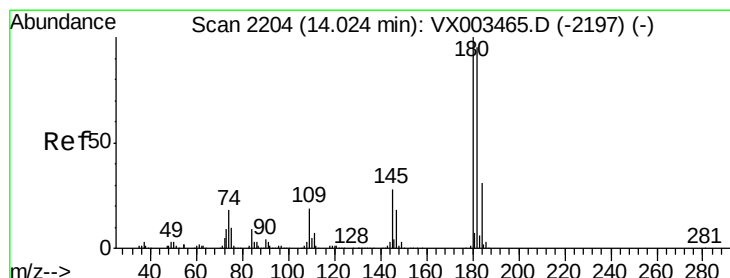
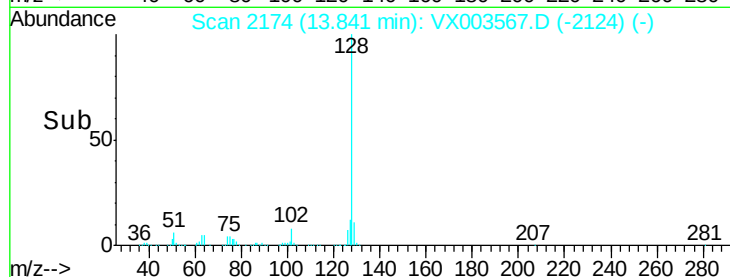
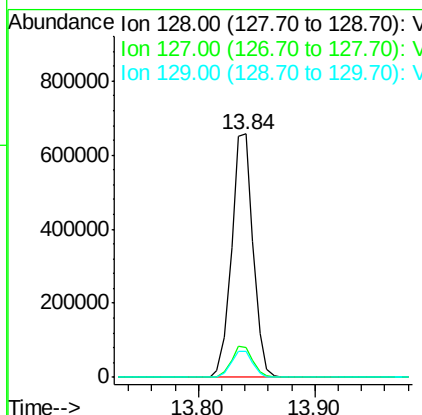
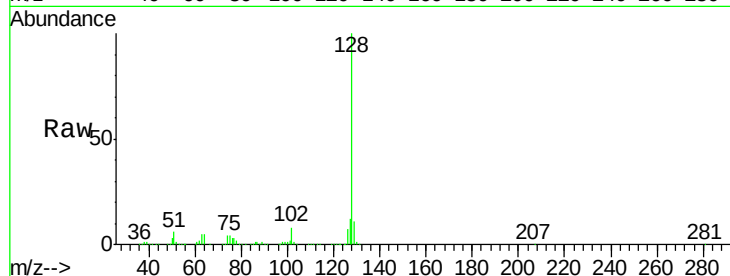




#95
Naphthalene
Concen: 51.61 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.01 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 843047
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.31 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX003567.D
Acq: 21 Jul 2018 20:39

Tgt Ion:180 Resp: 297246
Ion Ratio Lower Upper
180 100
182 95.6 48.0 144.0
145 29.4 14.8 44.3

