

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071318\
 Data File : VX003370.D
 Acq On : 13 Jul 2018 18:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 14 02:45:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 13 17:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	333585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	477453	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	450485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	270762	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	173037	47.13	ug/l	0.00
Spiked Amount			Recovery	=	94.26%	
35) Dibromofluoromethane	5.51	113	160143	45.57	ug/l	0.00
Spiked Amount			Recovery	=	91.14%	
50) Toluene-d8	8.72	98	544662	47.12	ug/l	0.00
Spiked Amount			Recovery	=	94.24%	
62) 4-Bromofluorobenzene	11.14	95	219933	44.94	ug/l	0.00
Spiked Amount			Recovery	=	89.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	144023	54.56	ug/l	100
3) Chloromethane	1.32	50	177157	54.86	ug/l	99
4) Vinyl Chloride	1.40	62	205250	47.65	ug/l	100
5) Bromomethane	1.64	94	98586	40.46	ug/l	99
6) Chloroethane	1.71	64	129010	53.37	ug/l	98
7) Trichlorofluoromethane	1.92	101	280840	45.26	ug/l	97
8) Diethyl Ether	2.19	74	119157	43.36	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	173192	43.42	ug/l	96
10) Methyl Iodide	2.51	142	191561	47.29	ug/l	94
11) Tert butyl alcohol	3.08	59	212735	219.92	ug/l	100
12) 1,1-Dichloroethene	2.37	96	164107	44.31	ug/l	90
13) Acrolein	2.29	56	118356	371.25	ug/l	99
14) Allyl chloride	2.73	41	317105	44.64	ug/l	88
15) Acrylonitrile	3.15	53	516413	213.83	ug/l	97
16) Acetone	2.45	43	402131	214.75	ug/l	90
17) Carbon Disulfide	2.57	76	460432	50.63	ug/l	97
18) Methyl Acetate	2.78	43	245597	42.24	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	563980	42.59	ug/l	99
20) Methylene Chloride	2.85	84	187788	47.03	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	176922	44.77	ug/l	96
22) Diisopropyl ether	3.87	45	558308	42.22	ug/l	97
23) Vinyl Acetate	3.83	43	2350775	217.56	ug/l	96
24) 1,1-Dichloroethane	3.70	63	336740	44.92	ug/l	99
25) 2-Butanone	4.71	43	638860	220.11	ug/l	92
26) 2,2-Dichloropropane	4.59	77	239045	45.05	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	196060	45.13	ug/l	94
28) Bromochloromethane	5.03	49	158660	46.45	ug/l	91
29) Tetrahydrofuran	5.17	42	414004	223.29	ug/l	91
30) Chloroform	5.22	83	314822	43.81	ug/l	99
31) Cyclohexane	5.57	56	284169	49.53	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	270913	45.25	ug/l	98
36) 1,1-Dichloropropene	5.80	75	239390	47.20	ug/l	99
37) Ethyl Acetate	4.87	43	246058	44.27	ug/l	97
38) Carbon Tetrachloride	5.79	117	240340	46.48	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	284789	49.60	ug/l	95
40) Benzene	6.15	78	733479	46.17	ug/l	99
41) Methacrylonitrile	5.07	41	139202	43.72	ug/l	93
42) 1,2-Dichloroethane	6.20	62	242122	43.63	ug/l	96
43) Isopropyl Acetate	6.47	43	391284	44.92	ug/l	94
44) Trichloroethene	7.21	130	205729	45.70	ug/l	96
45) 1,2-Dichloropropane	7.52	63	188672	44.77	ug/l	99
46) Dibromomethane	7.67	93	121561	44.87	ug/l	96
47) Bromodichloromethane	7.90	83	230767	45.17	ug/l	99
48) Methyl methacrylate	7.78	41	202024	45.44	ug/l	86
49) 1,4-Dioxane	7.76	88	90511	932.94	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1281147	225.00	ug/l	92
52) Toluene	8.79	92	464727	46.16	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	287063	47.84	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	258312	47.13	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	186561	44.40	ug/l	97
56) Ethyl methacrylate	9.18	69	282078	47.00	ug/l #	85
57) 1,3-Dichloropropane	9.38	76	306970	45.07	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	726803	249.20	ug/l	98
59) 2-Hexanone	9.50	43	971726	231.38	ug/l	89
60) Dibromochloromethane	9.59	129	190502	46.71	ug/l	99
61) 1,2-Dibromoethane	9.68	107	195469	46.14	ug/l	100
64) Tetrachloroethene	9.34	164	225976	46.32	ug/l	99
65) Chlorobenzene	10.14	112	523402	45.25	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	187632	45.87	ug/l	99
67) Ethyl Benzene	10.26	91	888757	47.21	ug/l	100
68) m/p-Xylenes	10.36	106	695406	95.90	ug/l	97
69) o-Xylene	10.70	106	338685	47.82	ug/l	95
70) Styrene	10.71	104	567182	47.65	ug/l	97
71) Bromoform	10.86	173	148498	47.42	ug/l	99
73) Isopropylbenzene	11.02	105	897508	47.94	ug/l	100
74) N-amyl acetate	6.47	43	391284	45.09	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	271162	44.37	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	317398	59.34	ug/l	80
77) Bromobenzene	11.26	156	243881	46.10	ug/l	98
78) n-propylbenzene	11.37	91	1016600	48.04	ug/l	99
79) 2-Chlorotoluene	11.43	91	602910	46.13	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	746040	48.08	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	79647	49.64	ug/l	91
82) 4-Chlorotoluene	11.51	91	708834	46.55	ug/l	99
83) tert-Butylbenzene	11.77	119	723054	47.07	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	763800	48.53	ug/l	98
85) sec-Butylbenzene	11.95	105	870154	47.39	ug/l	100
86) p-Isopropyltoluene	12.07	119	786951	47.91	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	441841	44.73	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	445414	44.42	ug/l	99
89) n-Butylbenzene	12.39	91	667792	47.51	ug/l	99
90) Hexachloroethane	12.60	117	115318	46.84	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	446162	45.14	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	56266	46.43	ug/l	92

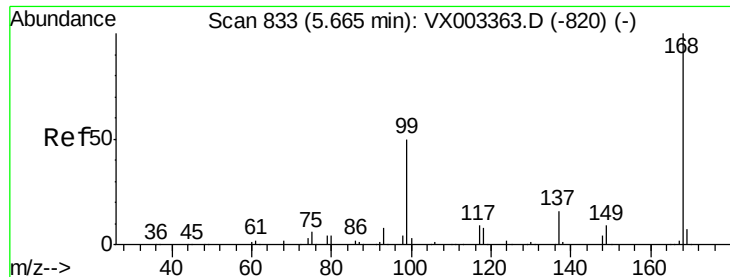
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	315440	46.65	ug/l	100
94) Hexachlorobutadiene	13.79	225	147864	46.34	ug/l	98
95) Naphthalene	13.84	128	915919	48.33	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	315145	46.18	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: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

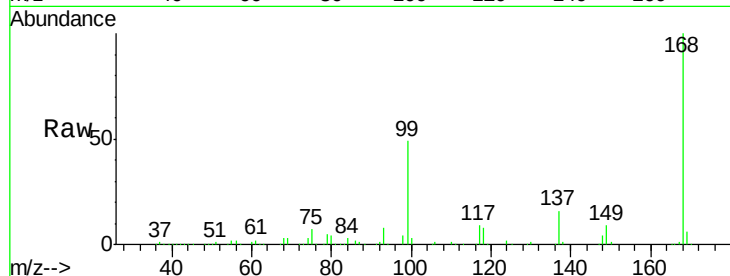
VSTDCCC050

Tot Ion:168 Resp: 333585

Ion Ratio Lower Upper

168 100

99 48.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

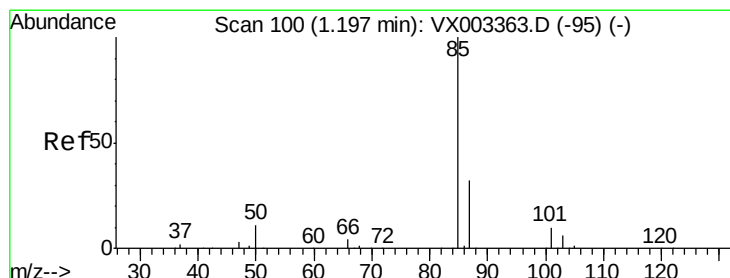
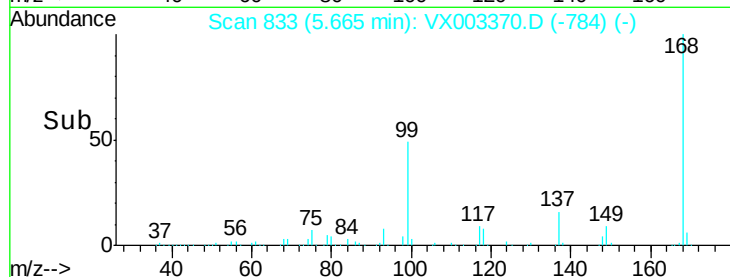
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 54.56 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003370.D

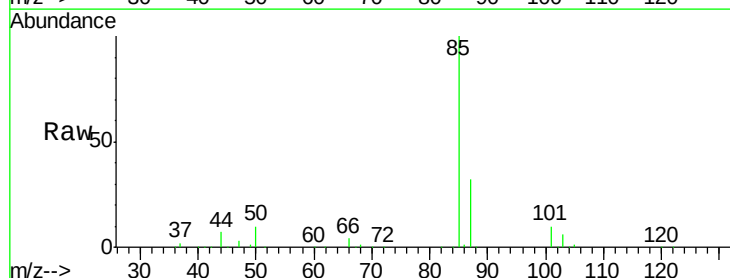
Acq: 13 Jul 2018 18:55

Tgt Ion: 85 Resp: 144023

Ion Ratio Lower Upper

85 100

87 31.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

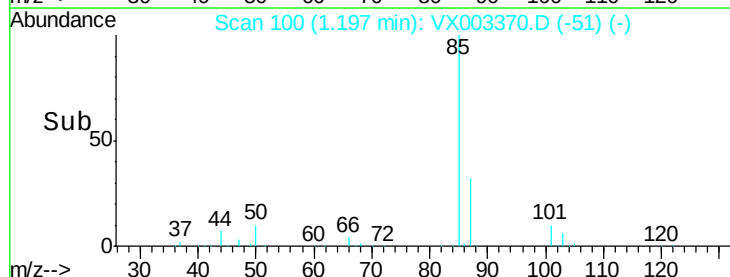
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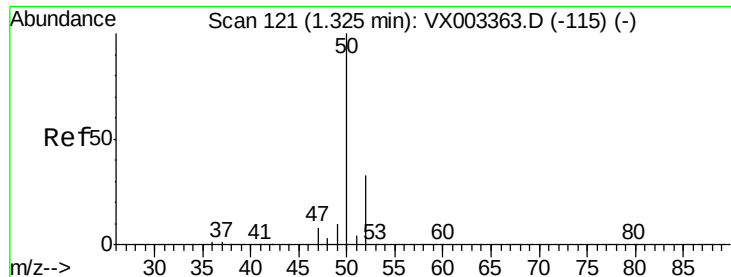
100000

50000

0

Time-->





#3

Chloromethane

Concen: 54.86 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

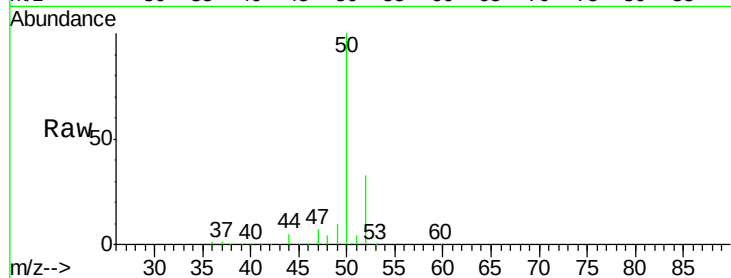
VSTDCCC050

Tot Ion: 50 Resp: 177157

Ion Ratio Lower Upper

50 100

52 32.8 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

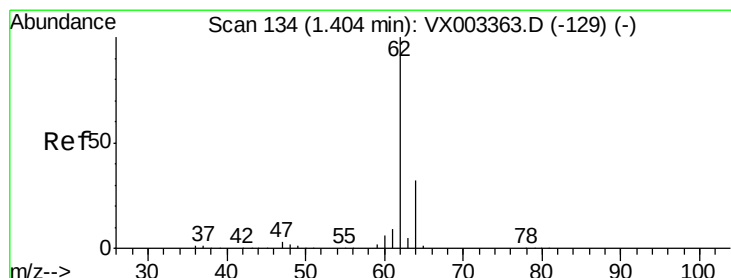
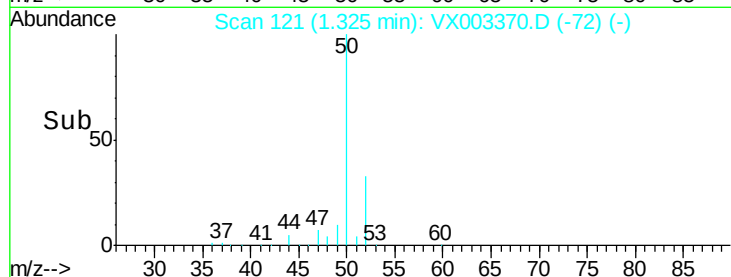
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 47.65 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003370.D

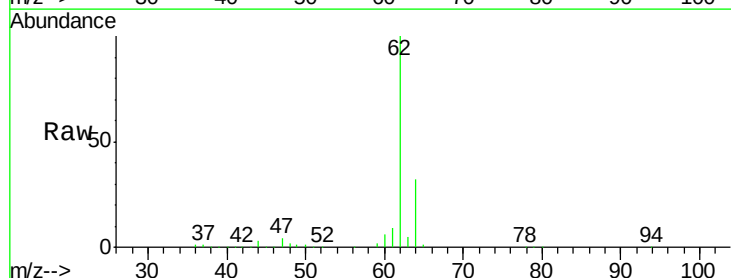
Acq: 13 Jul 2018 18:55

Tgt Ion: 62 Resp: 205250

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

200000

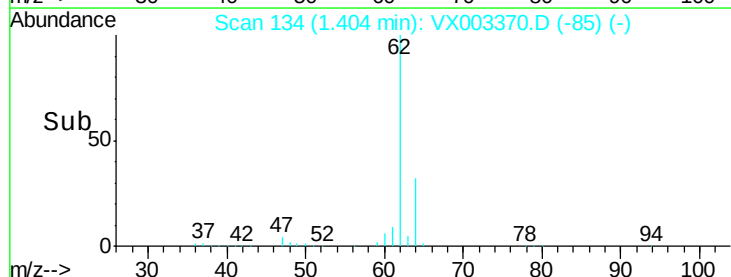
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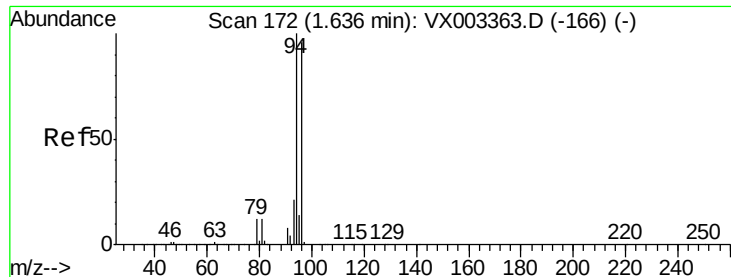
100000

50000

0

Time--> 1.40 1.50





#5

Bromomethane

Concen: 40.46 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

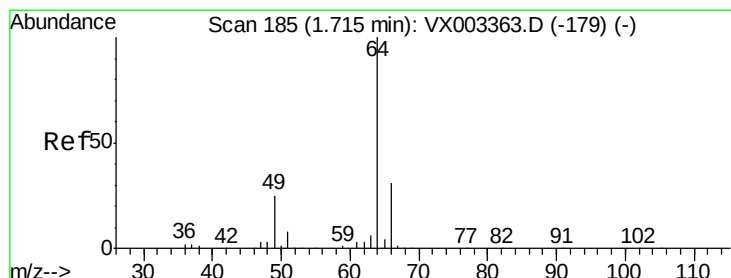
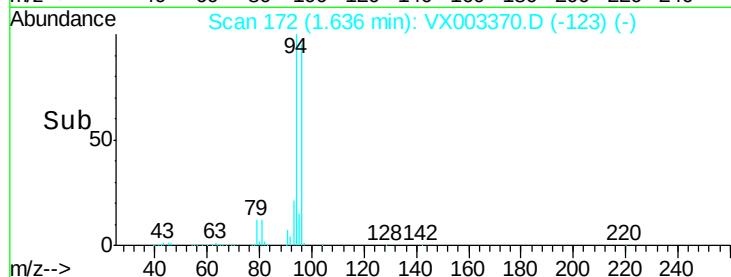
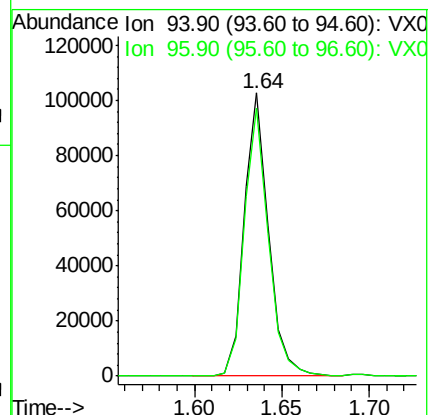
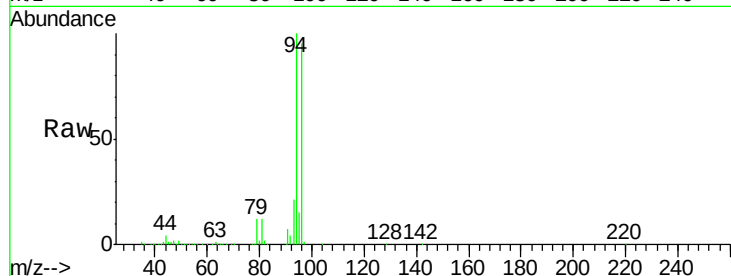
VSTDCCC050

Tot Ion: 94 Resp: 98586

Ion Ratio Lower Upper

94 100

96 94.7 74.9 112.3



#6

Chloroethane

Concen: 53.37 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003370.D

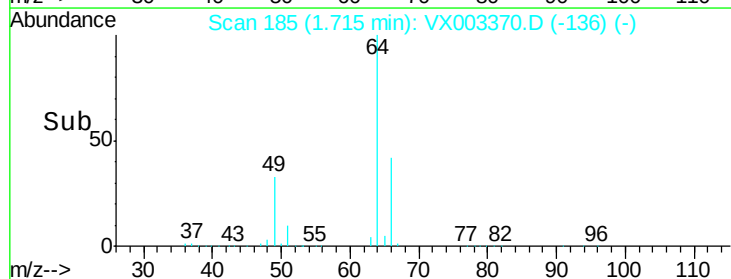
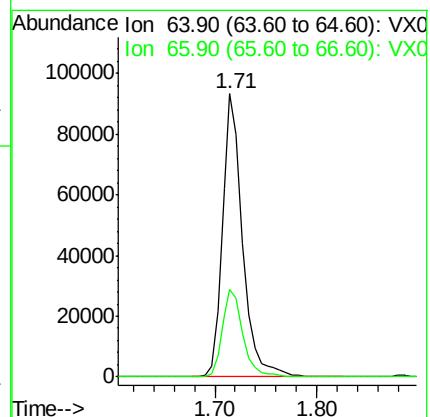
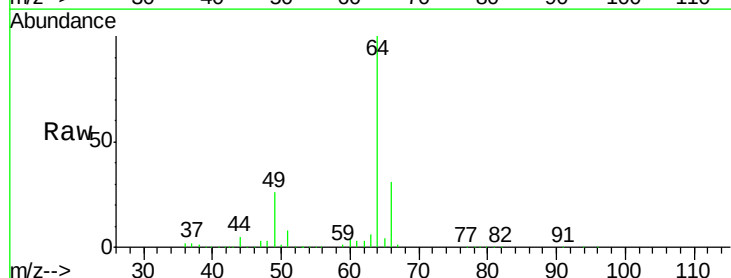
Acq: 13 Jul 2018 18:55

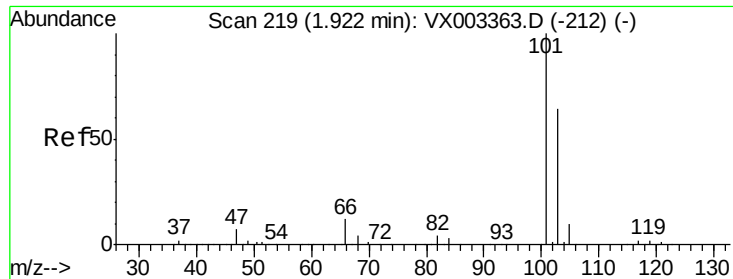
Tgt Ion: 64 Resp: 129010

Ion Ratio Lower Upper

64 100

66 30.8 25.5 38.3





#7

Trichlorofluoromethane

Concen: 45.26 ug/l

RT: 1.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

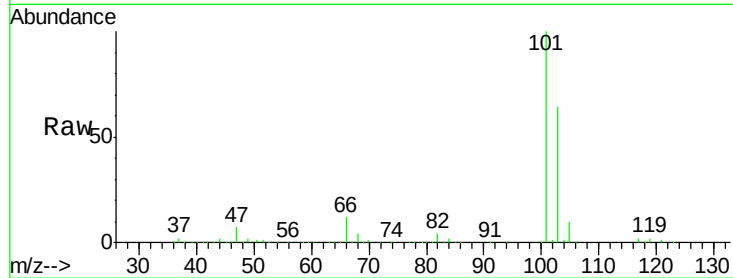
VSTDCCC050

Tot Ion:101 Resp: 280840

Ion Ratio Lower Upper

101 100

103 64.0 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.92

200000

150000

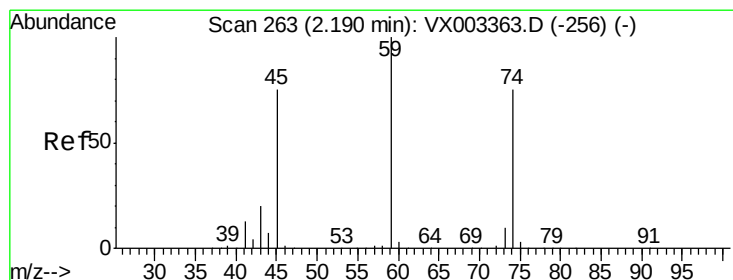
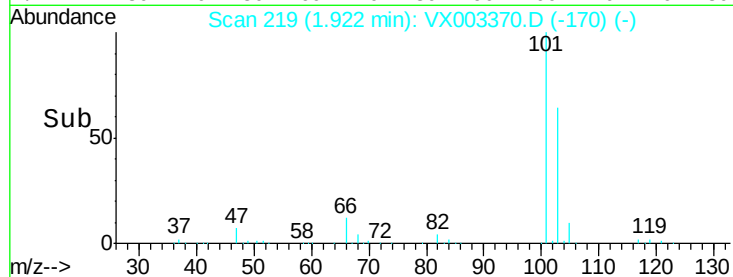
100000

50000

0

1.90 2.00

Time-->



#8

Diethyl Ether

Concen: 43.36 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX003370.D

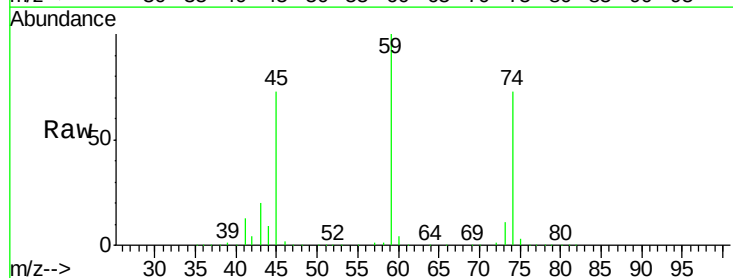
Acq: 13 Jul 2018 18:55

Tgt Ion: 74 Resp: 119157

Ion Ratio Lower Upper

74 100

45 99.4 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

80000

60000

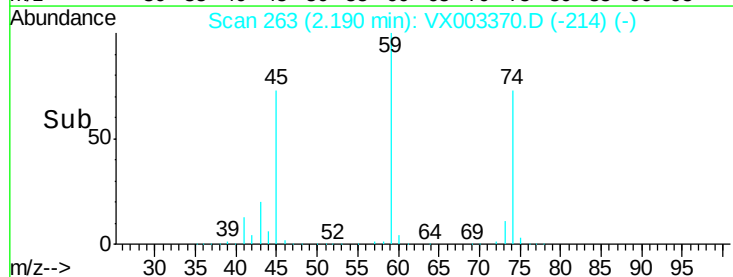
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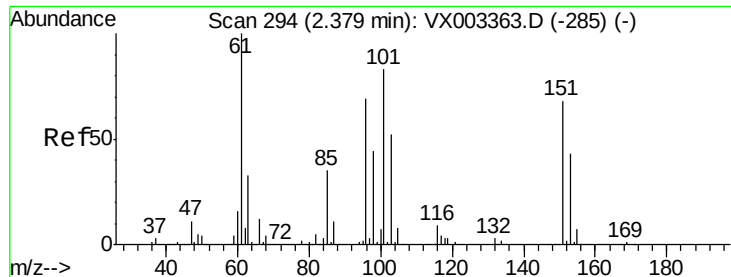
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0

2.10 2.20 2.30

Time-->

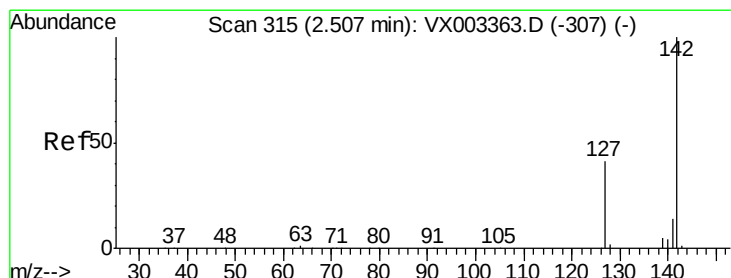
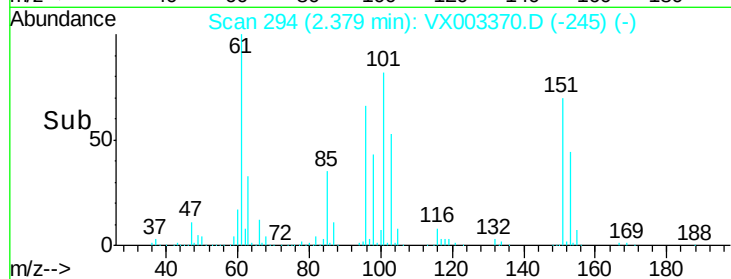
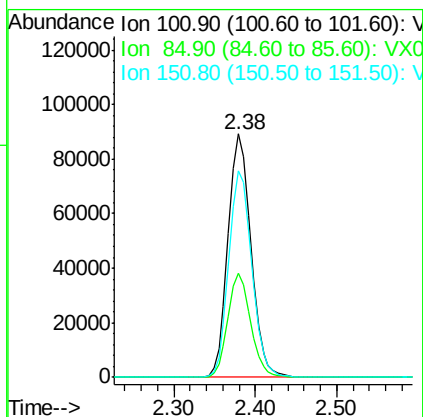
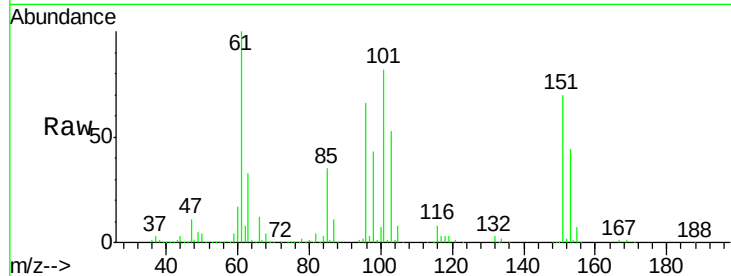




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 43.42 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

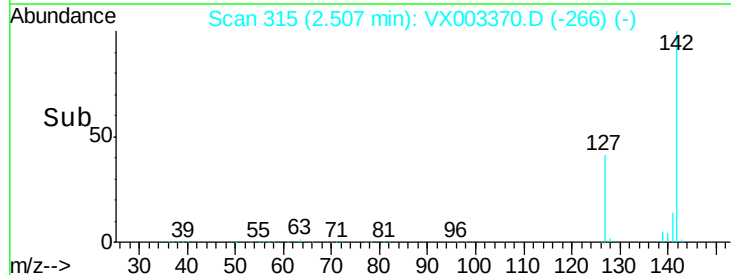
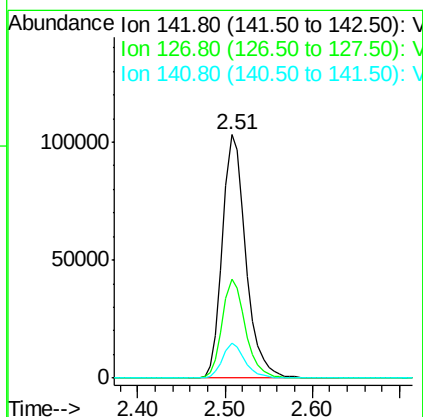
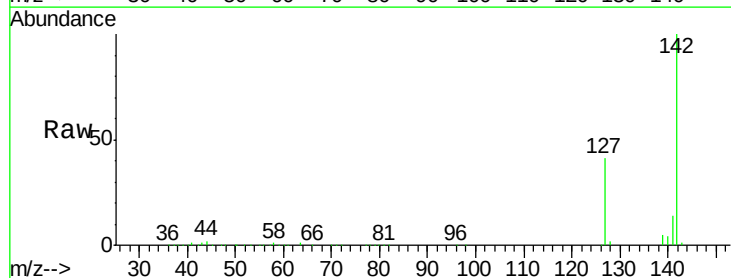
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

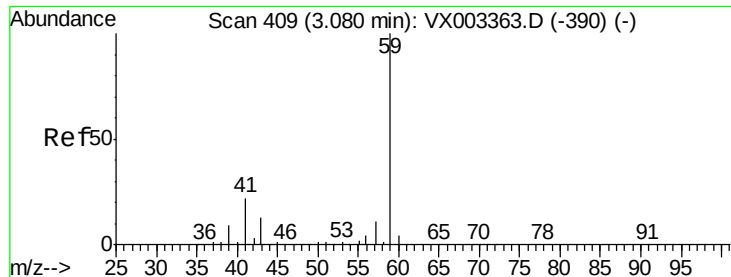
Tot Ion:101 Resp: 173192
 Ion Ratio Lower Upper
 101 100
 85 42.4 36.0 54.0
 151 85.1 70.9 106.3



#10
 Methyl Iodide
 Concen: 47.29 ug/l
 RT: 2.51 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

Tgt Ion:142 Resp: 191561
 Ion Ratio Lower Upper
 142 100
 127 40.6 36.6 55.0
 141 13.8 11.3 16.9



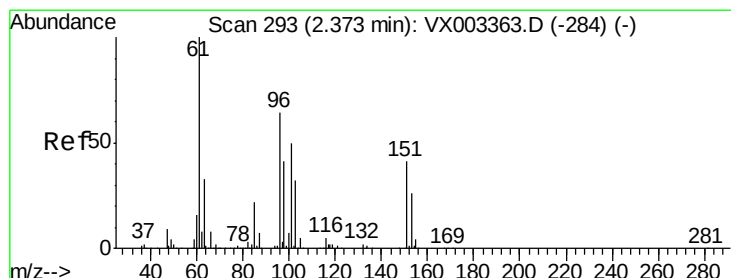
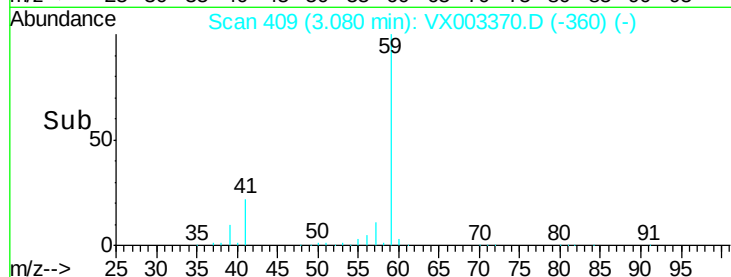
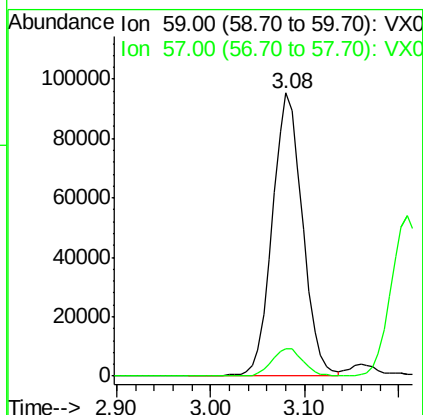
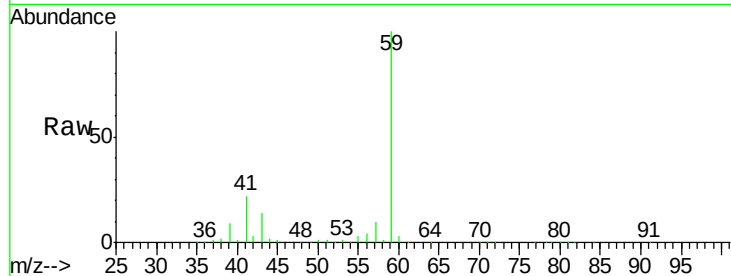


#11

Tert butyl alcohol
Concen: 219.92 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

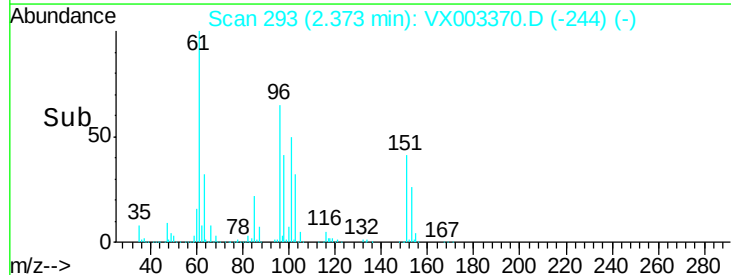
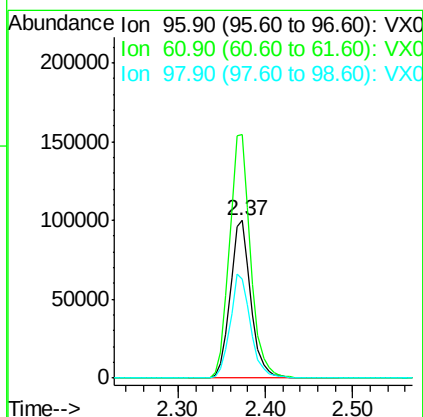
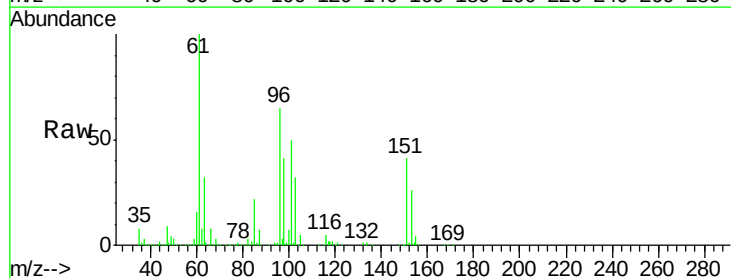
Tot Ion: 59 Resp: 212735
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2

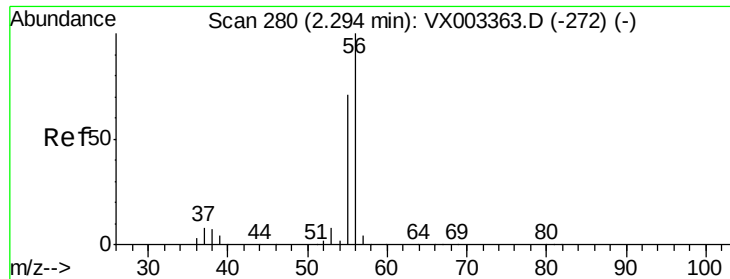


#12

1,1-Dichloroethene
Concen: 44.31 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion: 96 Resp: 164107
Ion Ratio Lower Upper
96 100
61 154.4 137.9 206.9
98 62.9 51.6 77.4





#13

Acrolein

Concen: 371.25 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

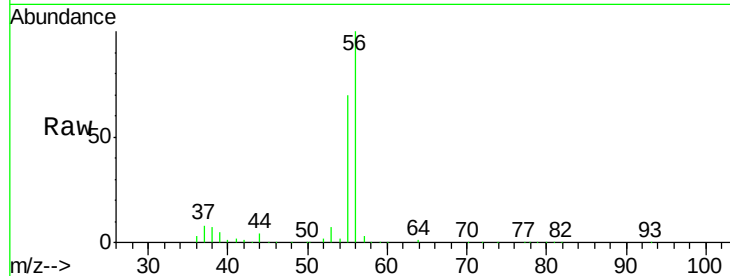
VSTDCCC050

Tot Ion: 56 Resp: 118356

Ion Ratio Lower Upper

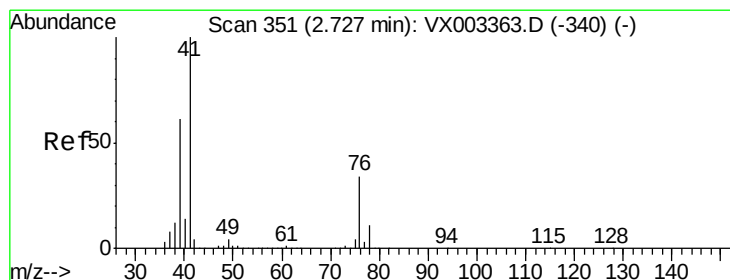
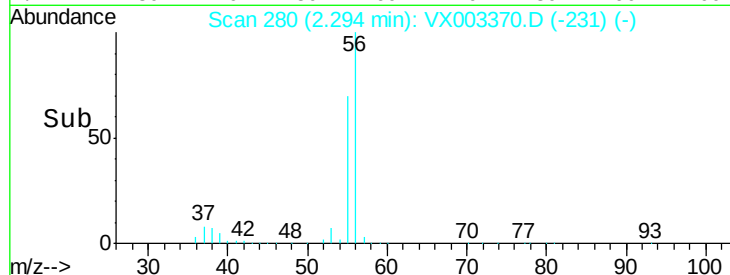
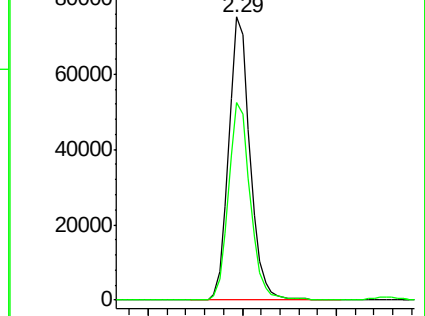
56 100

55 70.6 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 44.64 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

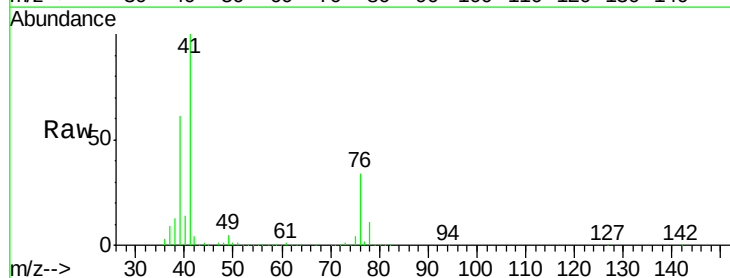
Tgt Ion: 41 Resp: 317105

Ion Ratio Lower Upper

41 100

39 59.0 56.8 85.2

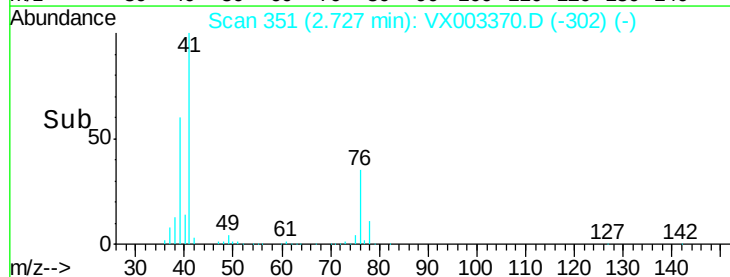
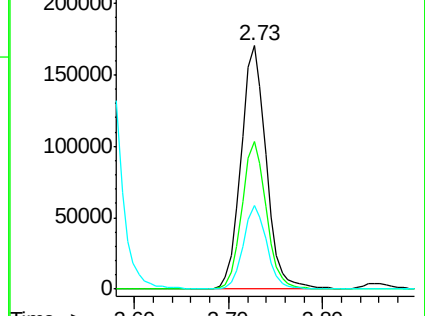
76 32.4 23.8 35.8

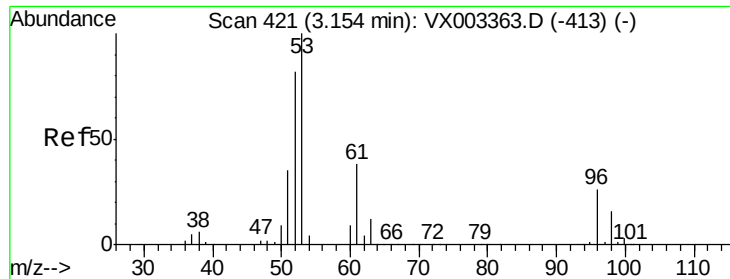


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 213.83 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

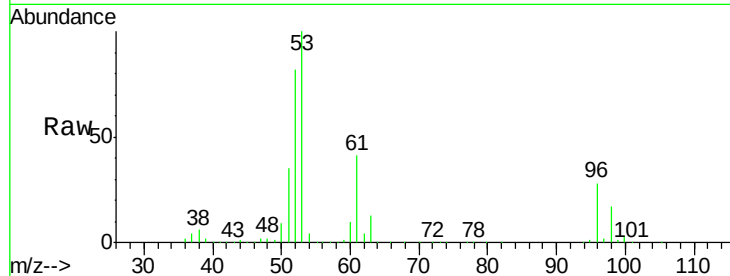
Tot Ion: 53 Resp: 516413

Ion Ratio Lower Upper

53 100

52 81.7 66.7 100.1

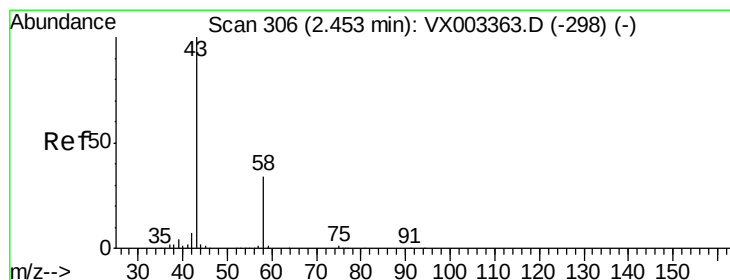
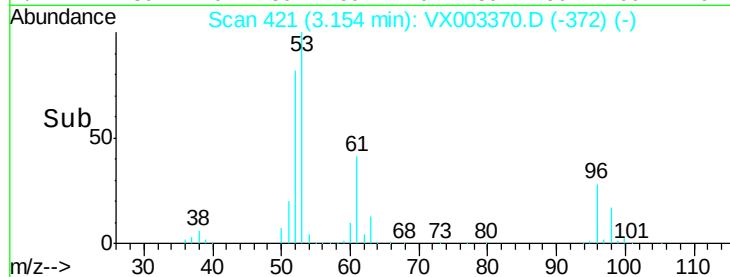
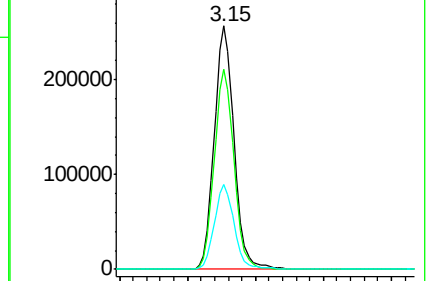
51 34.9 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 214.75 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003370.D

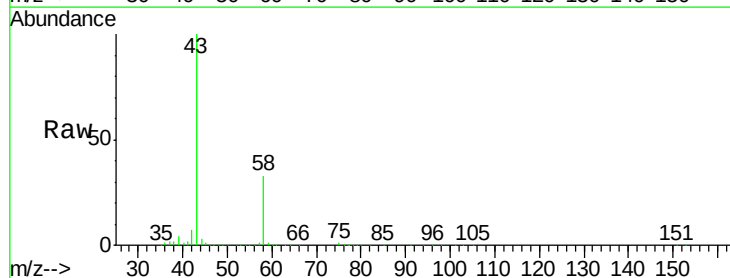
Acq: 13 Jul 2018 18:55

Tgt Ion: 43 Resp: 402131

Ion Ratio Lower Upper

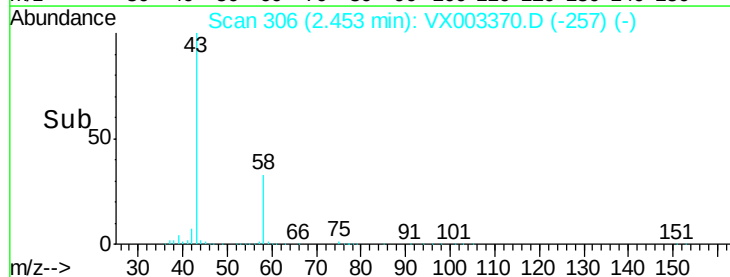
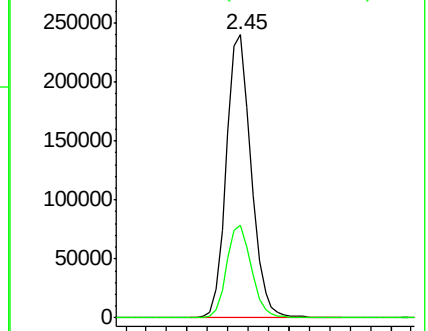
43 100

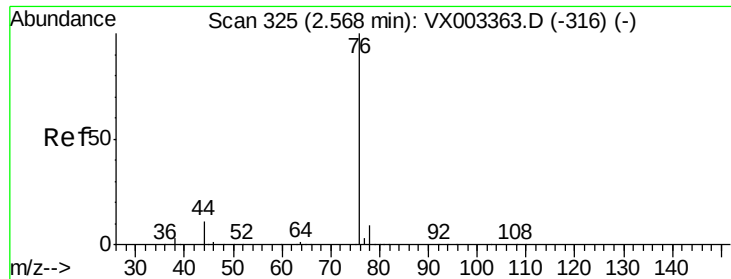
58 32.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

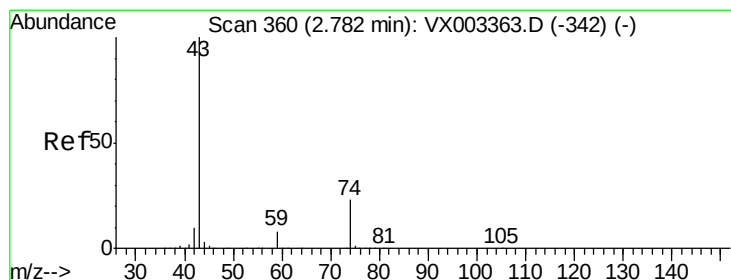
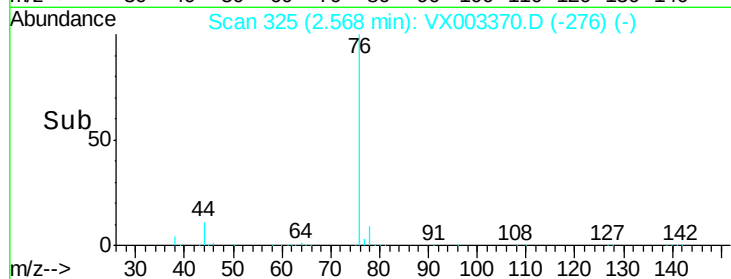
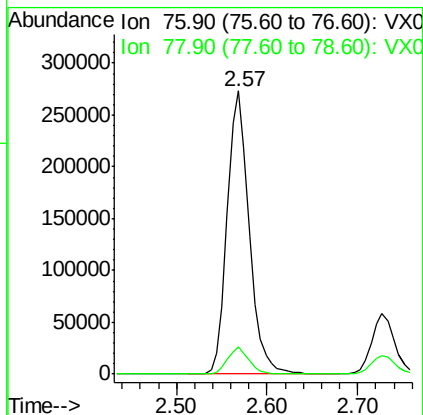
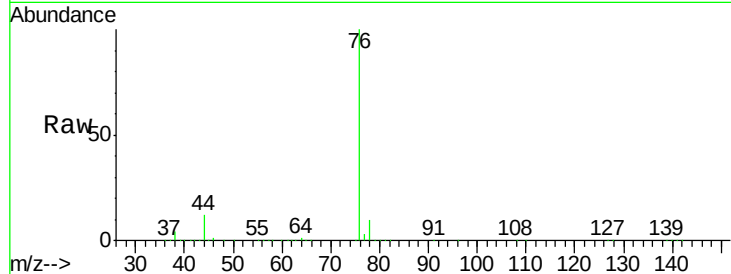




#17
Carbon Disulfide
Concen: 50.63 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

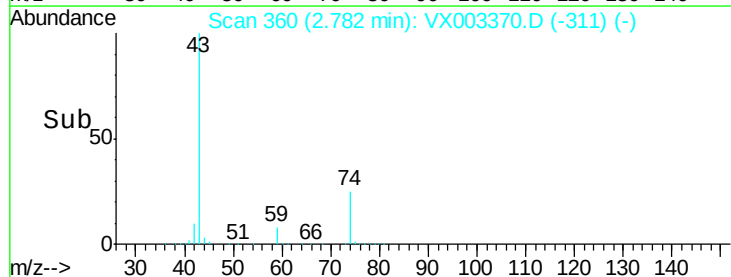
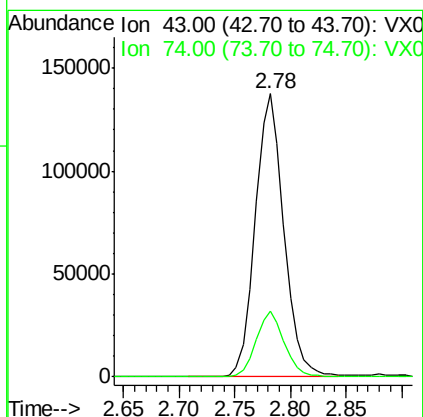
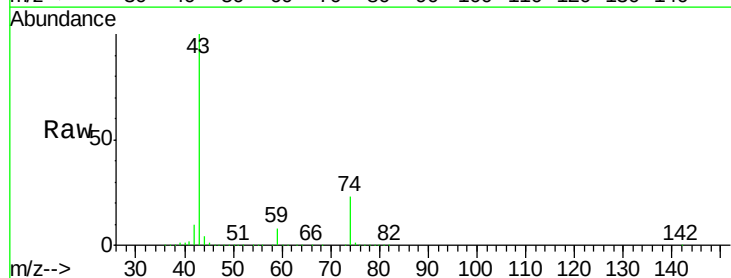
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

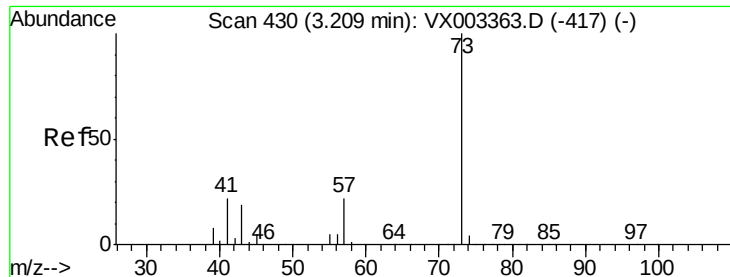
Tot Ion: 76 Resp: 460432
Ion Ratio Lower Upper
76 100
78 9.5 6.9 10.3



#18
Methyl Acetate
Concen: 42.24 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion: 43 Resp: 245597
Ion Ratio Lower Upper
43 100
74 22.5 16.7 25.1

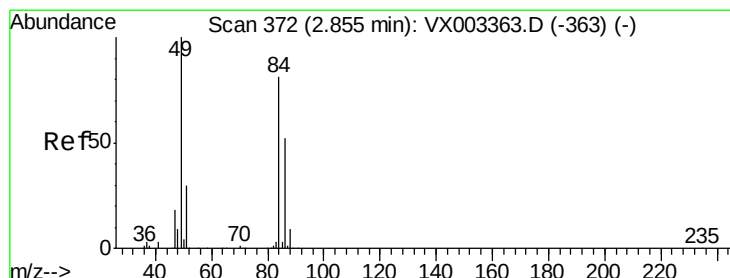
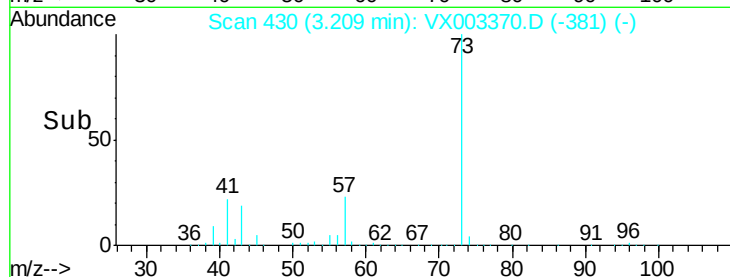
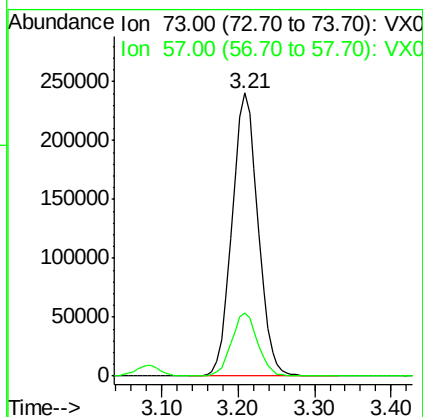
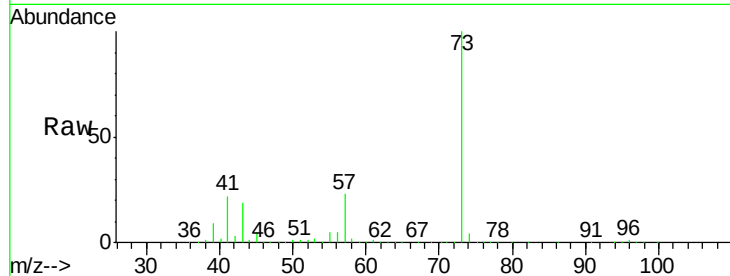




#19
Methyl tert-butyl Ether
Concen: 42.59 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

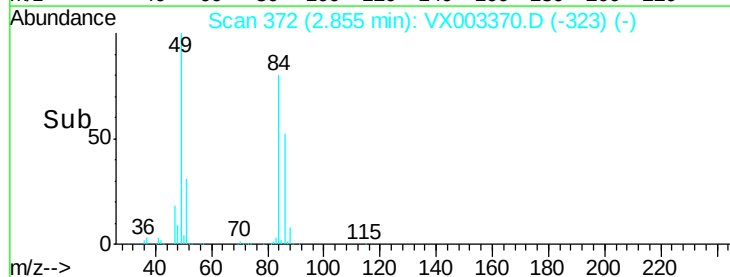
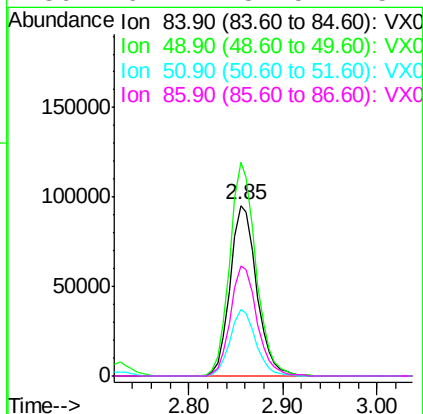
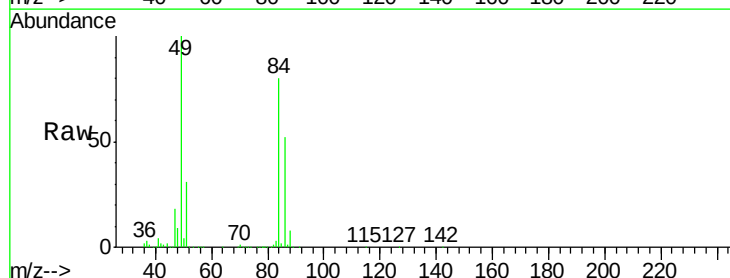
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

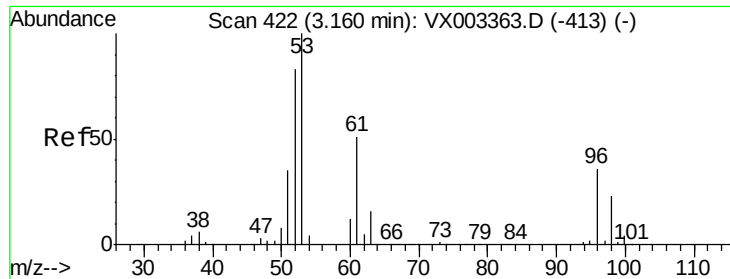
Tot Ion: 73 Resp: 563980
Ion Ratio Lower Upper
73 100
57 22.5 17.7 26.5



#20
Methylene Chloride
Concen: 47.03 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion: 84 Resp: 187788
Ion Ratio Lower Upper
84 100
49 125.2 107.8 161.6
51 39.0 32.8 49.2
86 64.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 44.77 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

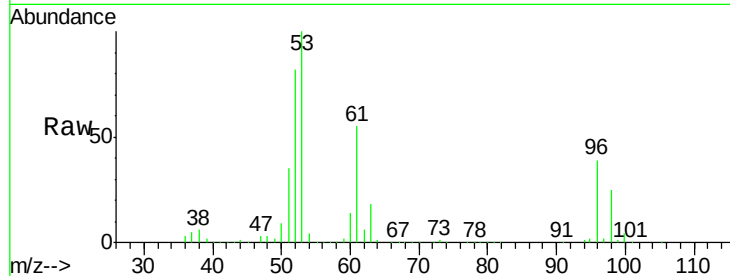
Tot Ion: 96 Resp: 176922

Ion Ratio Lower Upper

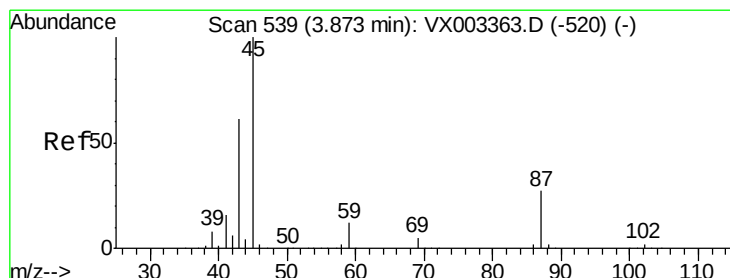
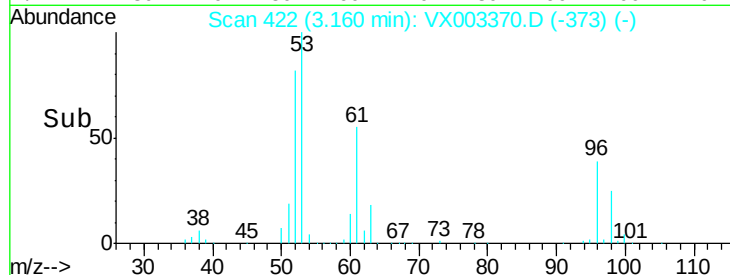
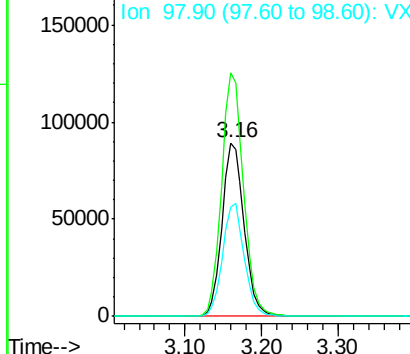
96 100

61 140.3 117.0 175.4

98 63.2 52.4 78.6



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



#22

Diisopropyl ether

Concen: 42.22 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Tgt Ion: 45 Resp: 558308

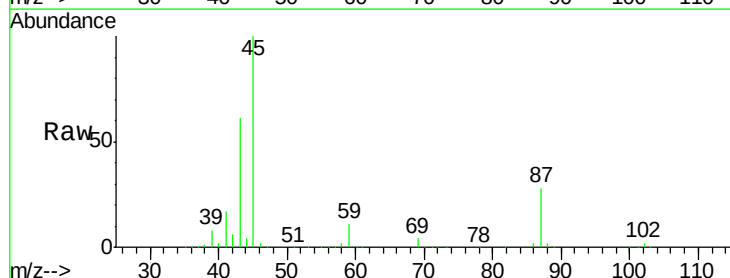
Ion Ratio Lower Upper

45 100

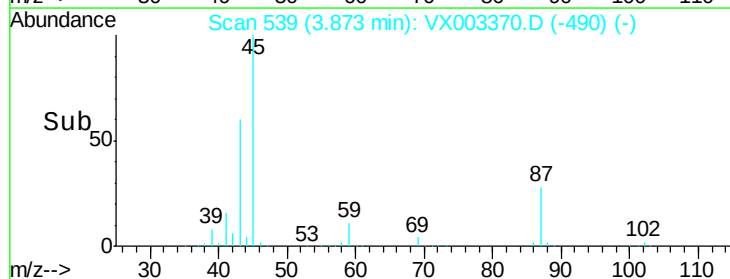
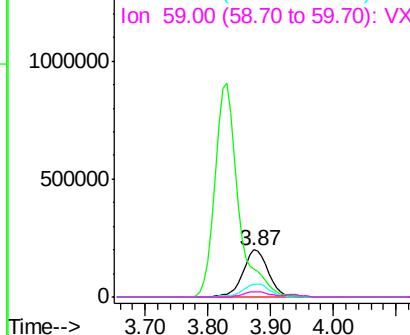
43 60.3 46.8 70.2

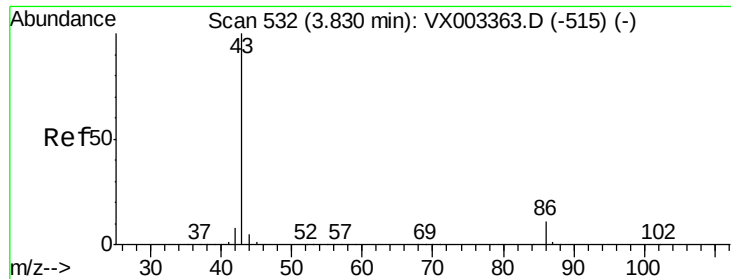
87 27.8 20.2 30.4

59 11.5 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 217.56 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

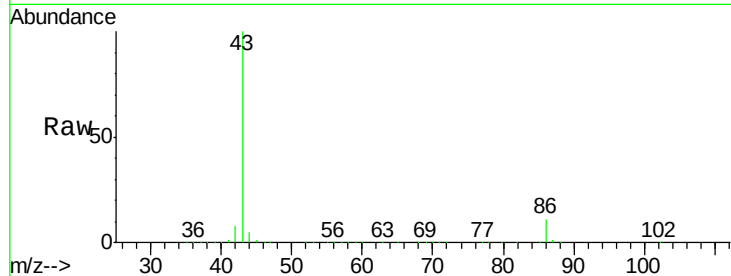
VSTDCCC050

Tot Ion: 43 Resp: 2350775

Ion Ratio Lower Upper

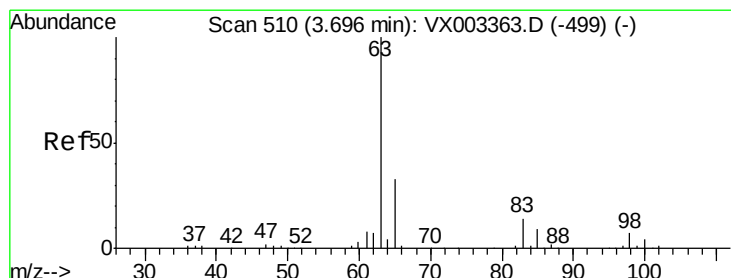
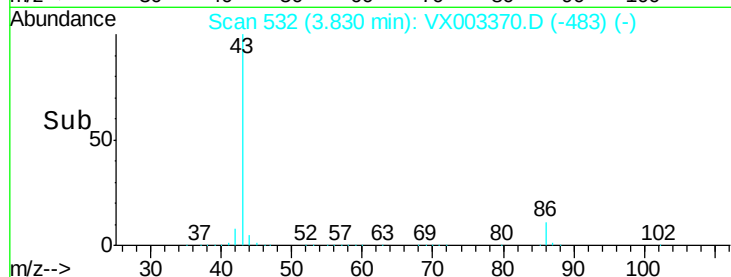
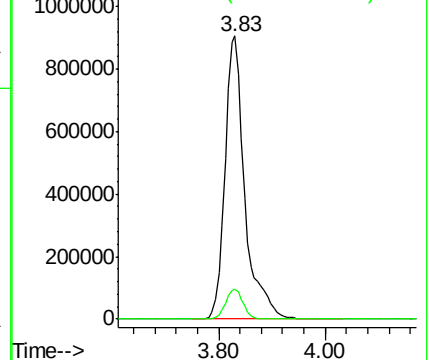
43 100

86 10.6 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 44.92 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

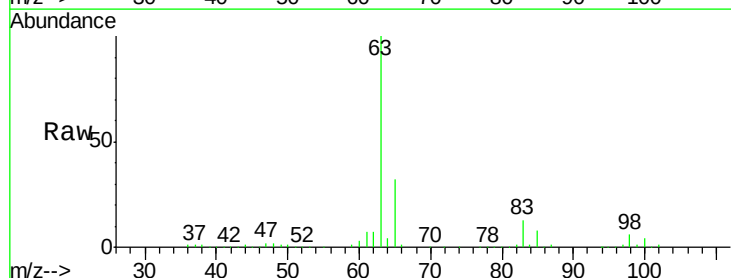
Tgt Ion: 63 Resp: 336740

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

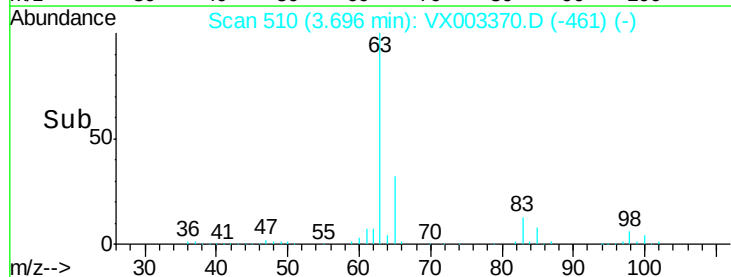
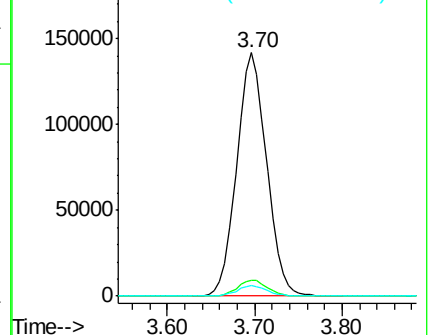
100 4.2 2.0 6.0

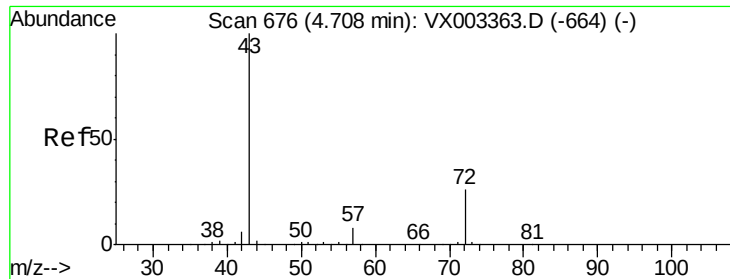


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 220.11 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

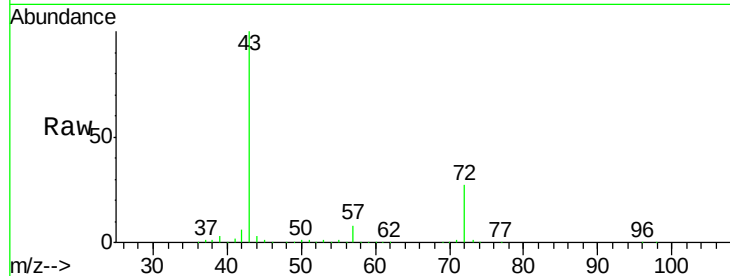
VSTDCCC050

Tot Ion: 43 Resp: 638860

Ion Ratio Lower Upper

43 100

72 27.2 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

250000

200000

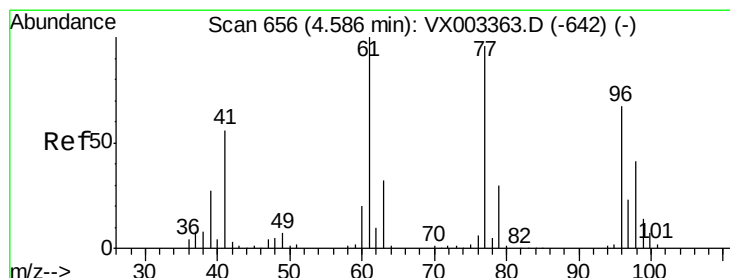
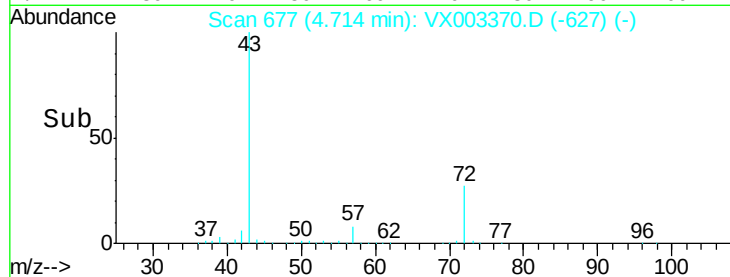
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 45.05 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003370.D

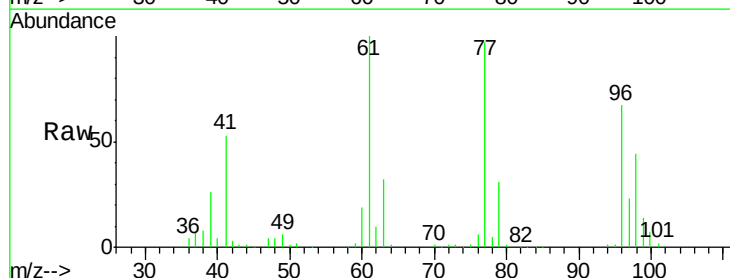
Acq: 13 Jul 2018 18:55

Tgt Ion: 77 Resp: 239045

Ion Ratio Lower Upper

77 100

97 24.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

80000

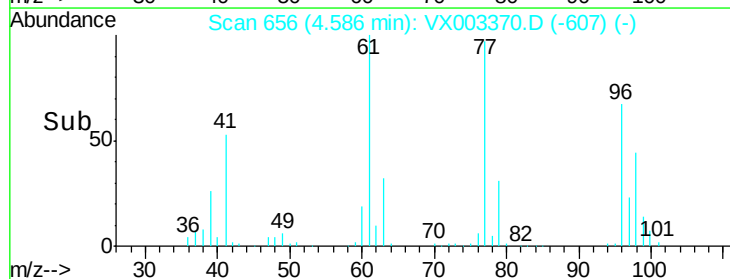
60000

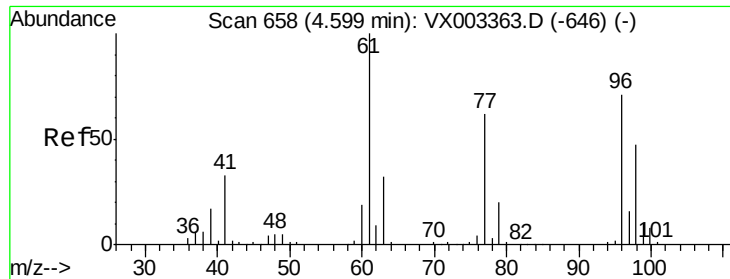
40000

20000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 45.13 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

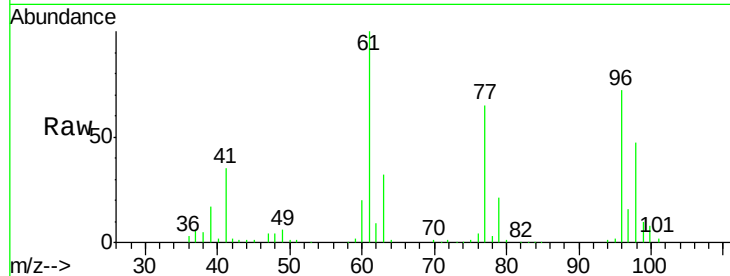
Tot Ion: 96 Resp: 196060

Ion Ratio Lower Upper

96 100

61 154.1 0.0 330.2

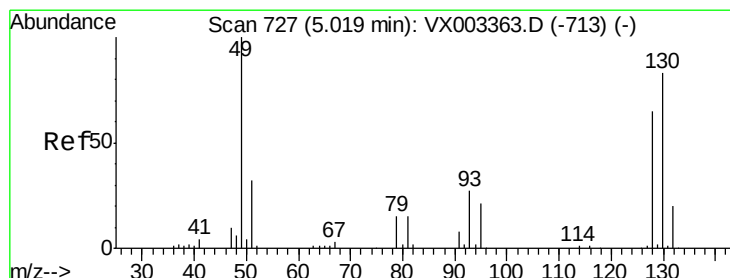
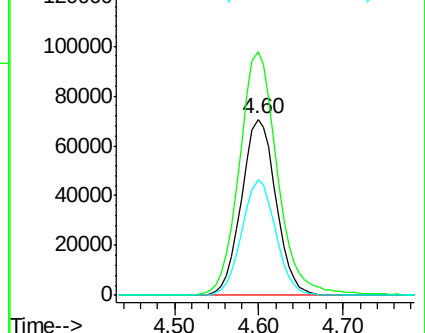
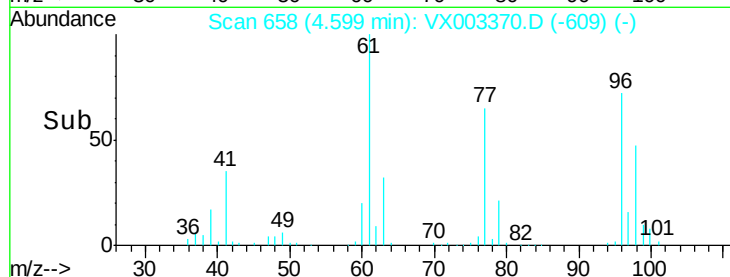
98 64.5 0.0 130.2



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: 46.45 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.01 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

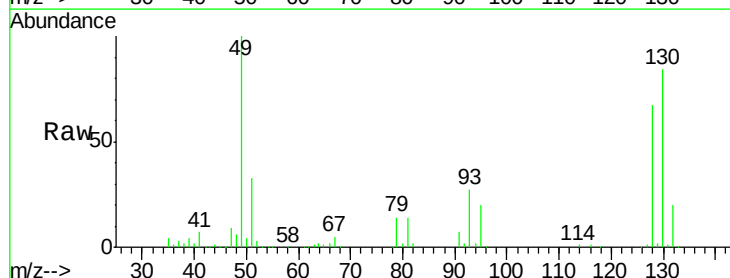
Tgt Ion: 49 Resp: 158660

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

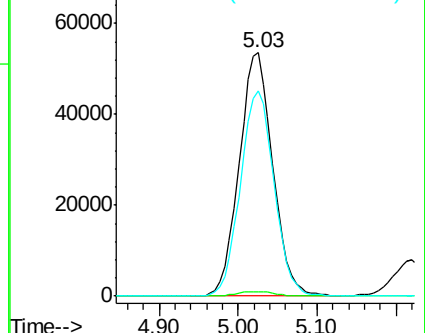
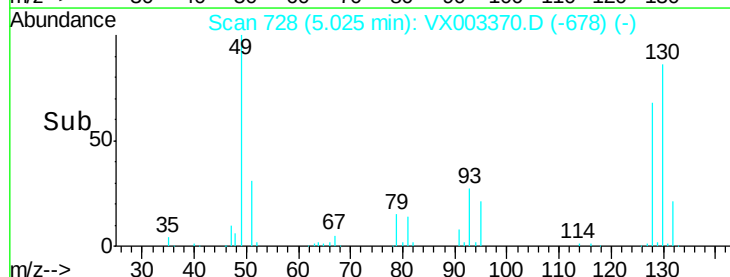
130 84.6 61.2 91.8

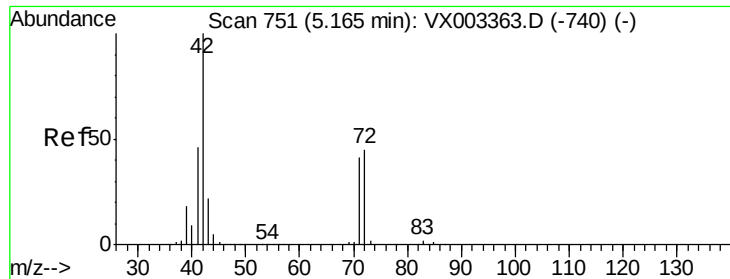


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 223.29 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

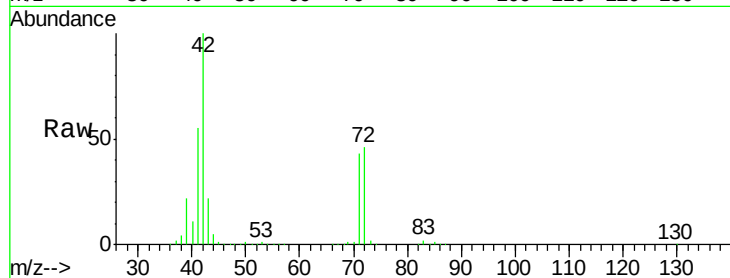
Tot Ion: 42 Resp: 414004

Ion Ratio Lower Upper

42 100

72 45.5 32.0 48.0

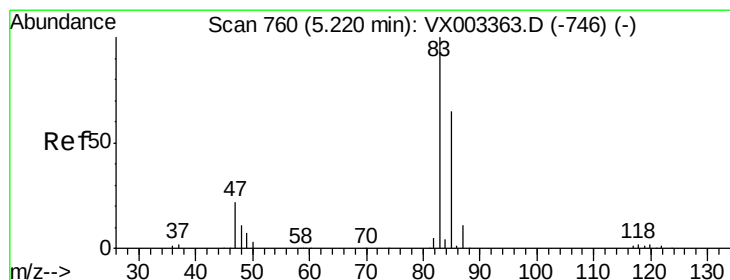
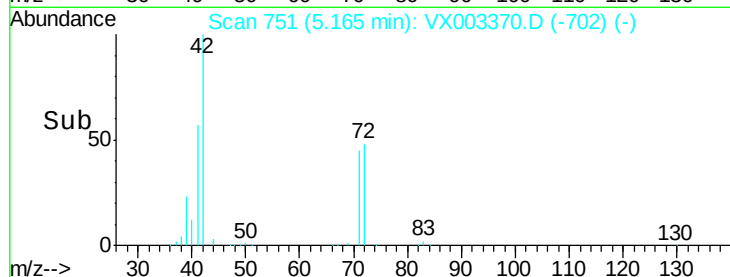
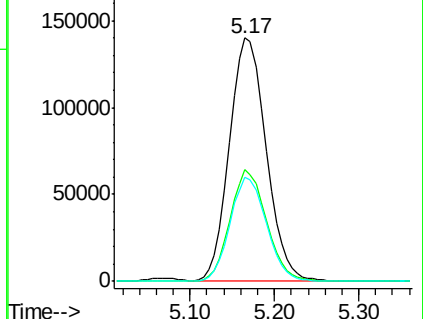
71 42.6 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 43.81 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX003370.D

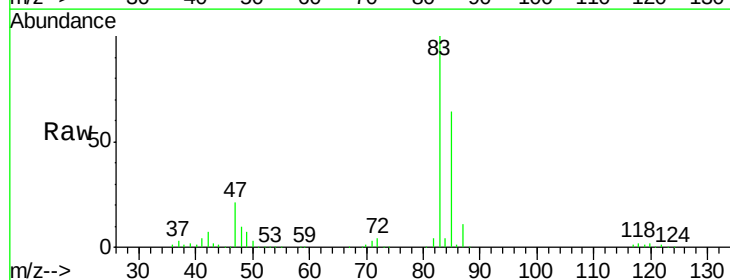
Acq: 13 Jul 2018 18:55

Tgt Ion: 83 Resp: 314822

Ion Ratio Lower Upper

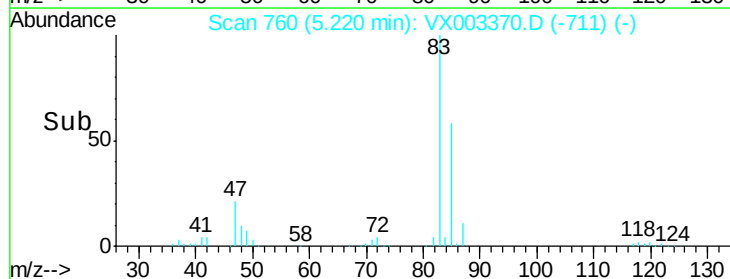
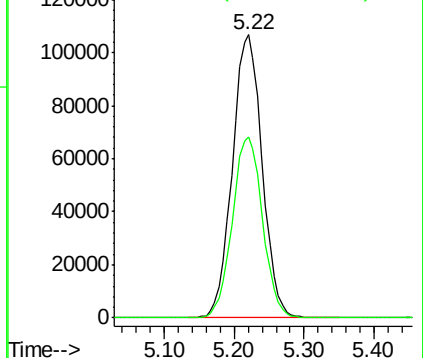
83 100

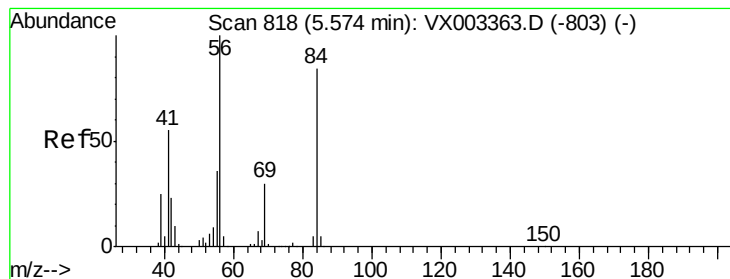
85 64.0 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 49.53 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

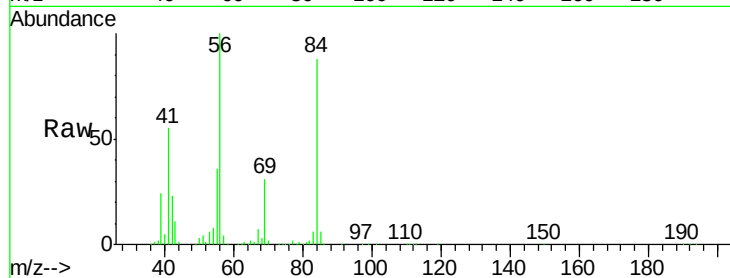
Tot Ion: 56 Resp: 284169

Ion Ratio Lower Upper

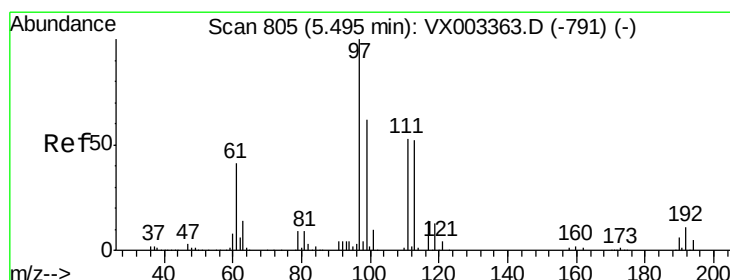
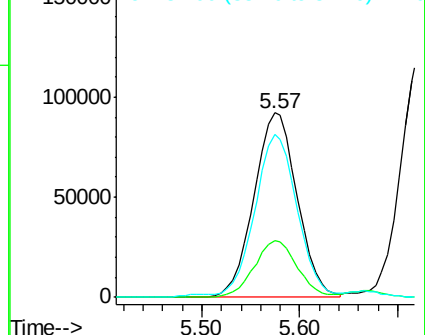
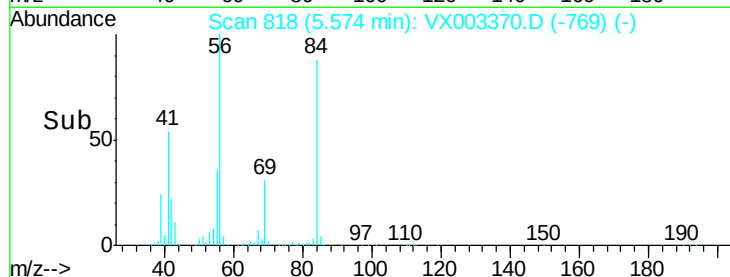
56 100

69 30.5 23.7 35.5

84 86.6 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: 45.25 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

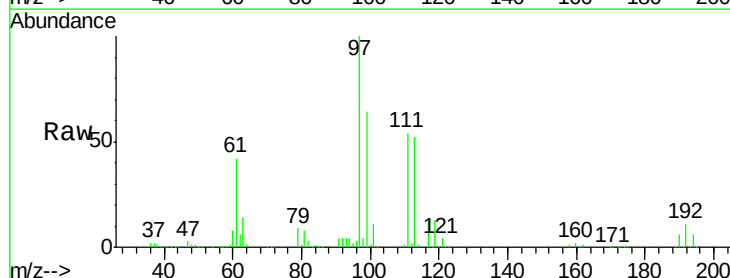
Tgt Ion: 97 Resp: 270913

Ion Ratio Lower Upper

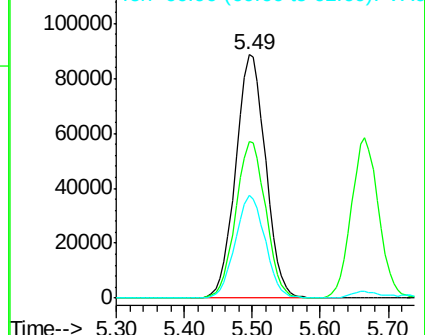
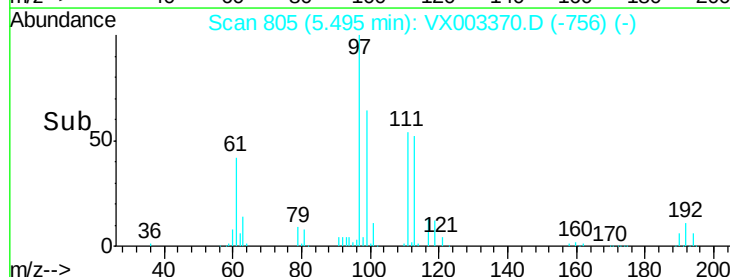
97 100

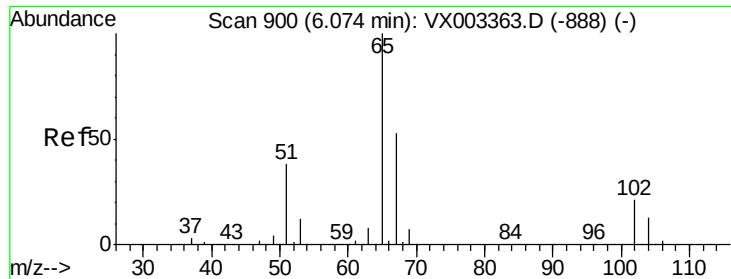
99 64.6 51.6 77.4

61 42.3 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

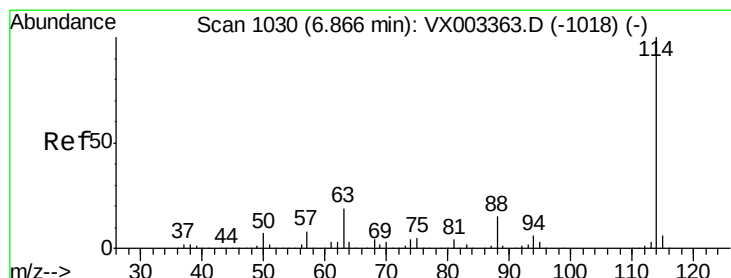
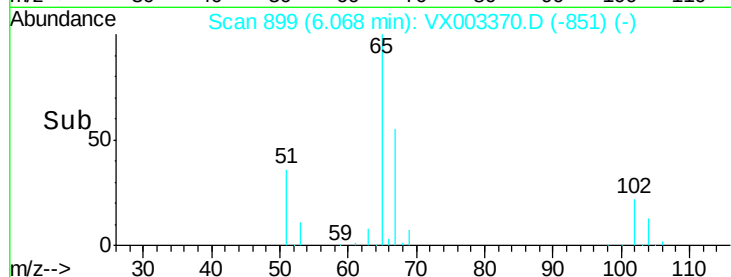
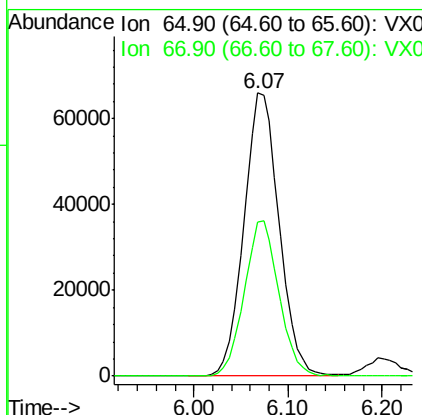
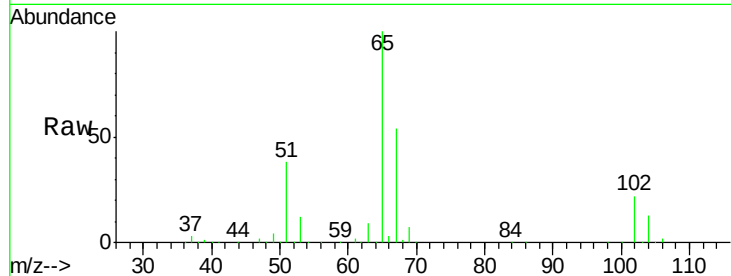




#33
 1,2-Dichloroethane-d4
 Concen: 47.13 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

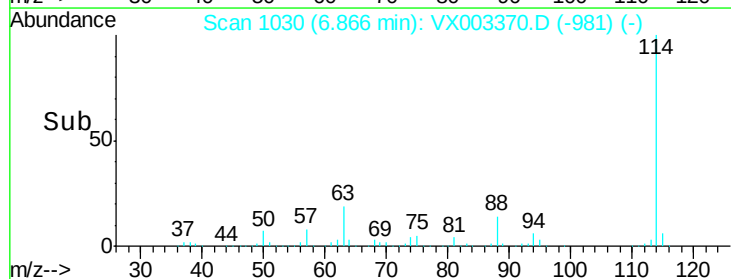
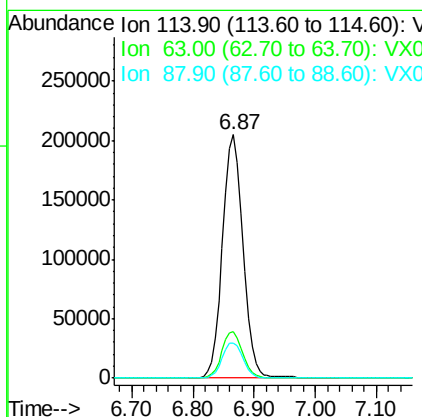
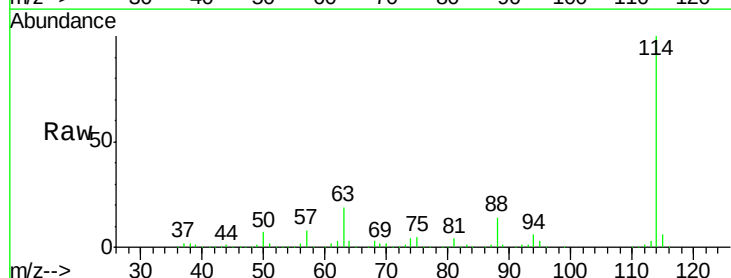
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

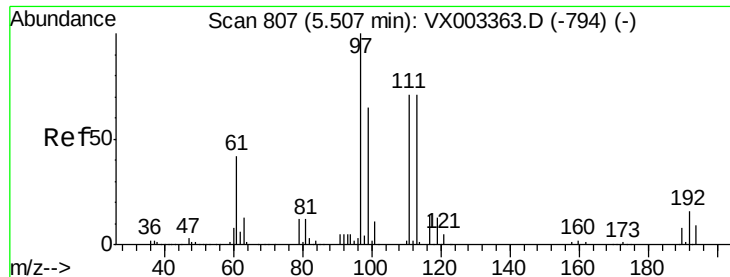
Tot Ion: 65 Resp: 173037
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

Tgt Ion: 114 Resp: 477453
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.4
 88 14.3 0.0 30.0

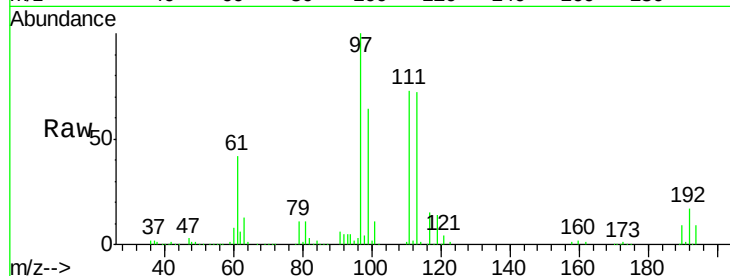




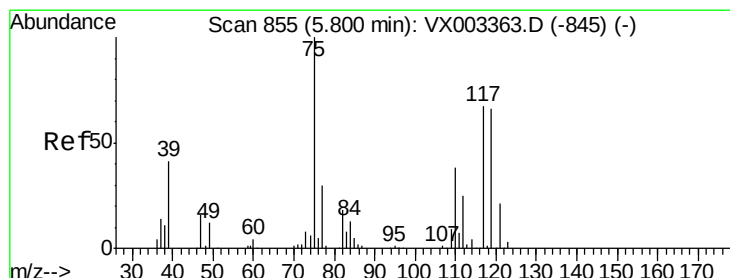
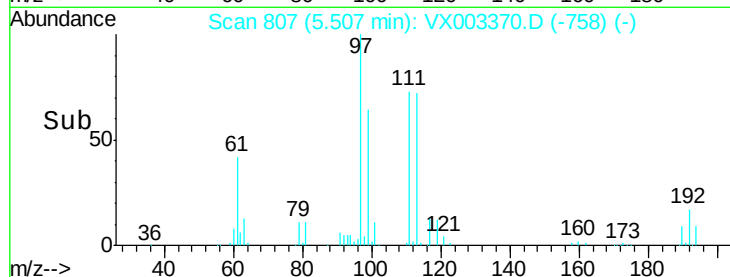
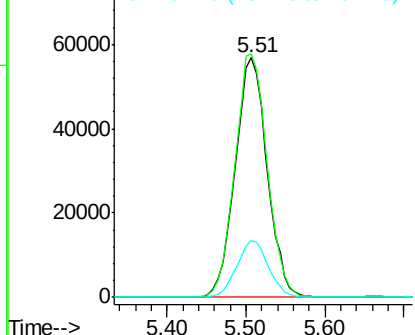
#35
Dibromofluoromethane
Concen: 45.57 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:113 Resp: 160143
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 23.6 19.1 28.7

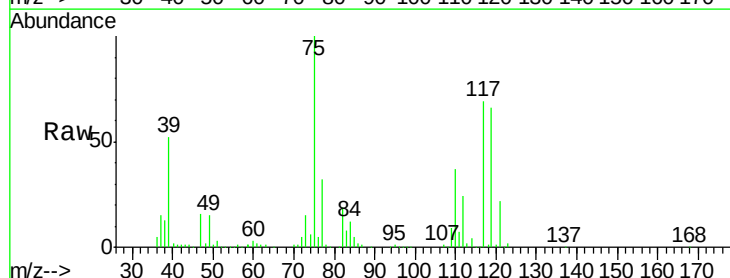


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

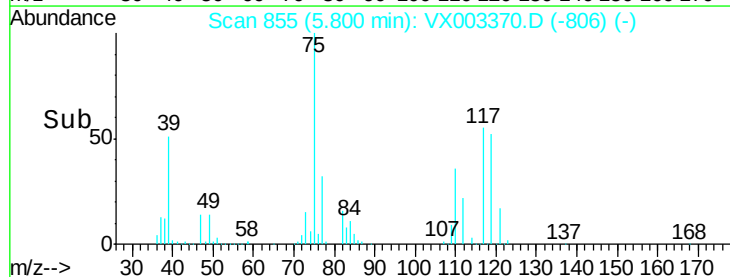
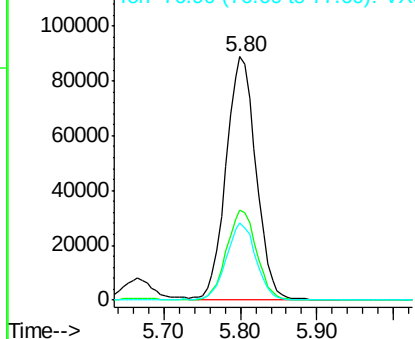


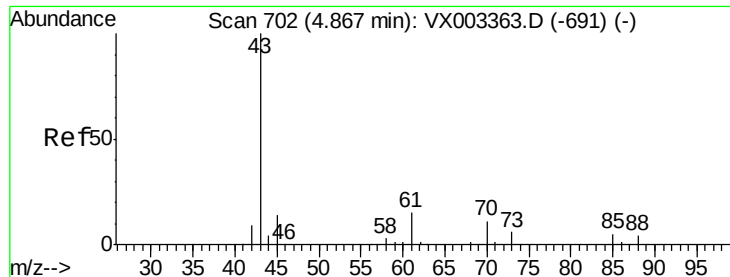
#36
1,1-Dichloropropene
Concen: 47.20 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion: 75 Resp: 239390
Ion Ratio Lower Upper
75 100
110 37.2 18.1 54.4
77 31.0 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

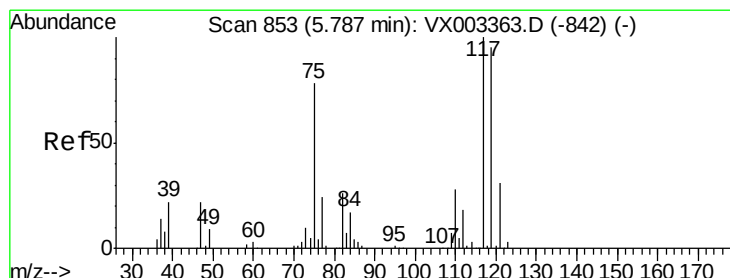
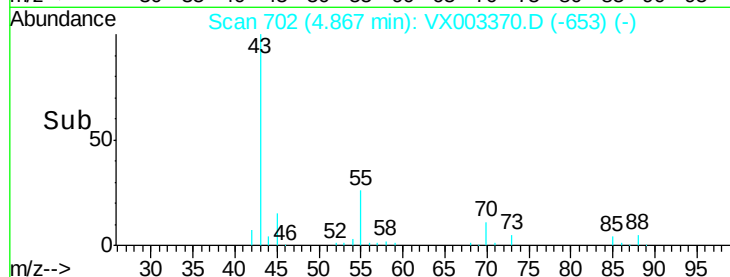
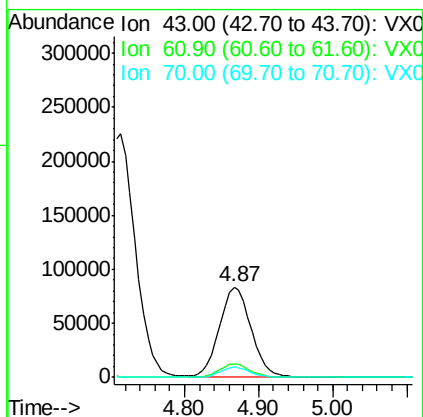
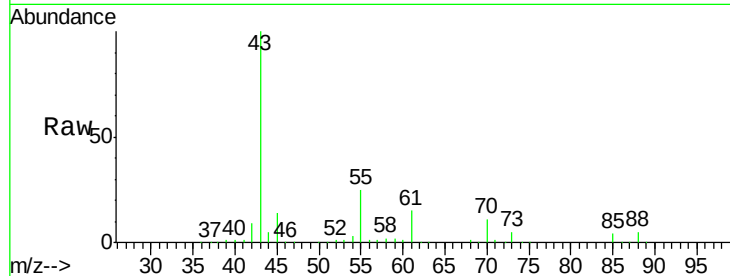




#37
Ethyl Acetate
Concen: 44.27 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

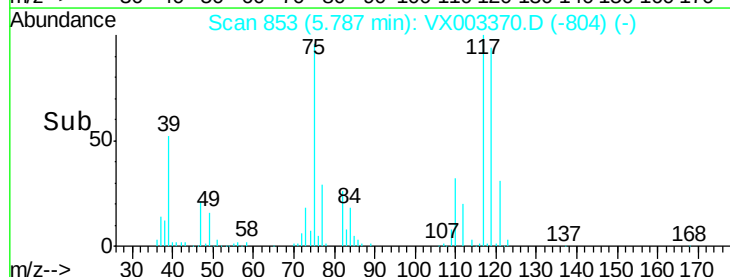
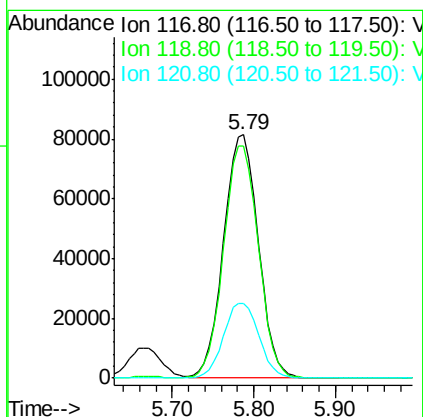
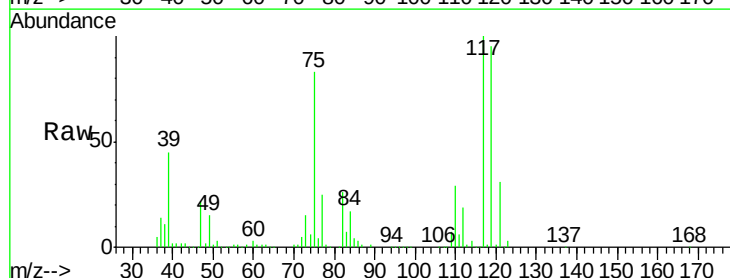
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

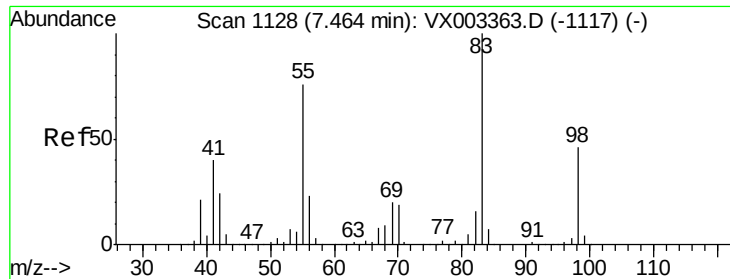
Tot Ion: 43 Resp: 246058
Ion Ratio Lower Upper
43 100
61 14.2 10.4 15.6
70 11.0 7.6 11.4



#38
Carbon Tetrachloride
Concen: 46.48 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion: 117 Resp: 240340
Ion Ratio Lower Upper
117 100
119 95.1 77.4 116.0
121 30.8 24.4 36.6

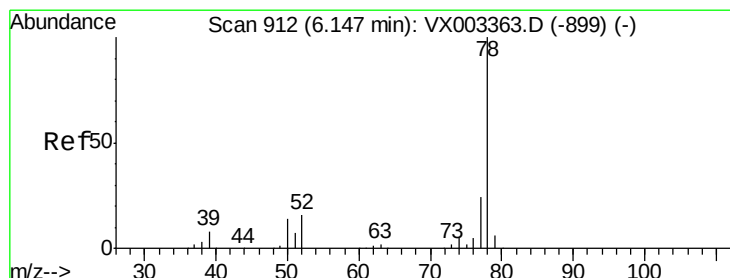
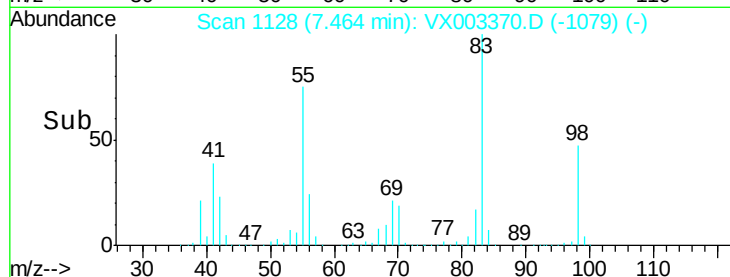
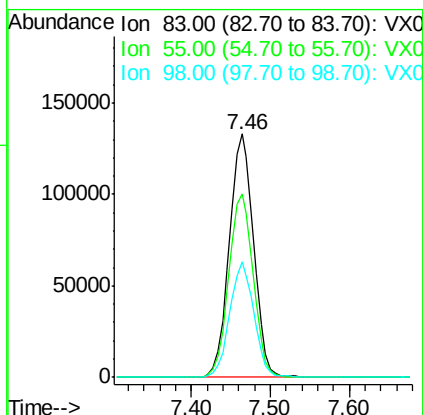
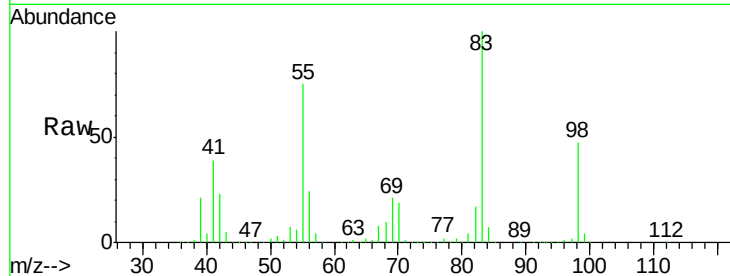




#39
Methylvlcyclohexane
Concen: 49.60 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

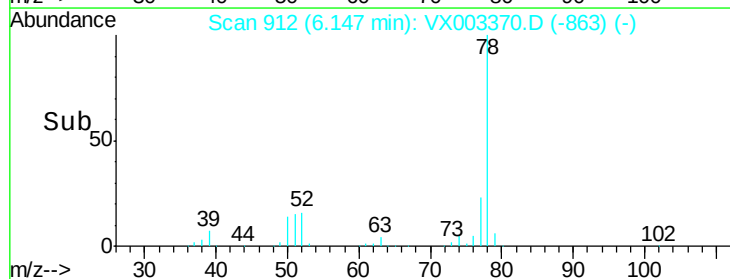
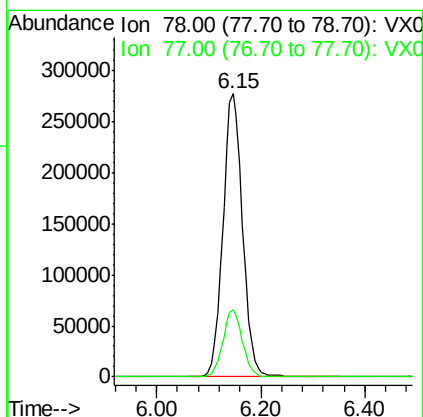
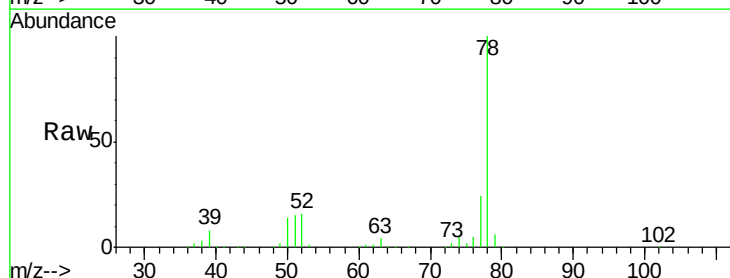
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

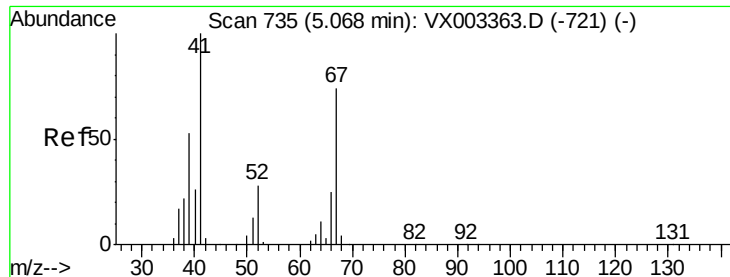
Tot Ion: 83 Resp: 284789
Ion Ratio Lower Upper
83 100
55 75.2 65.4 98.0
98 47.4 37.4 56.0



#40
Benzene
Concen: 46.17 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion: 78 Resp: 733479
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7

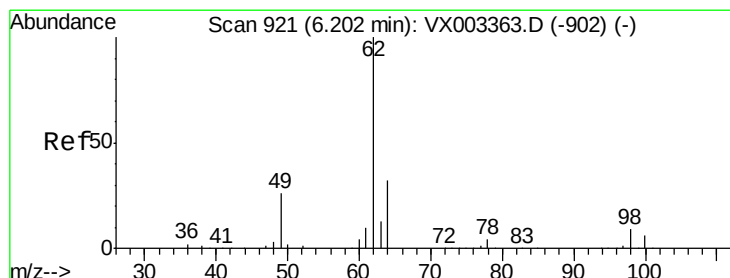
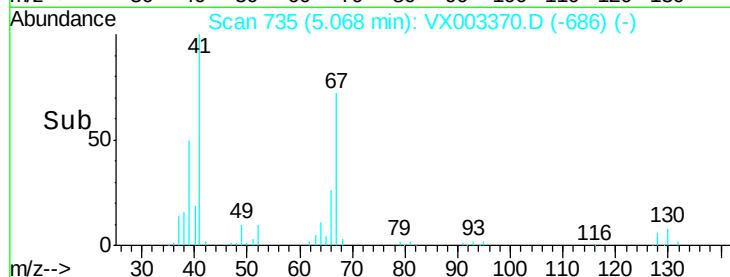
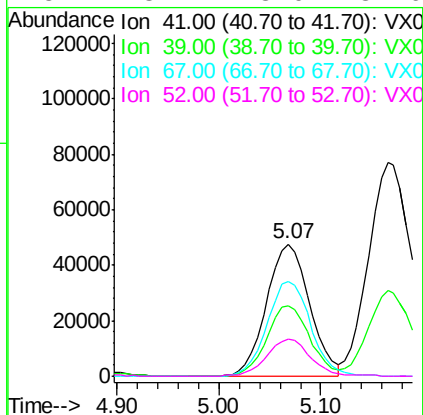
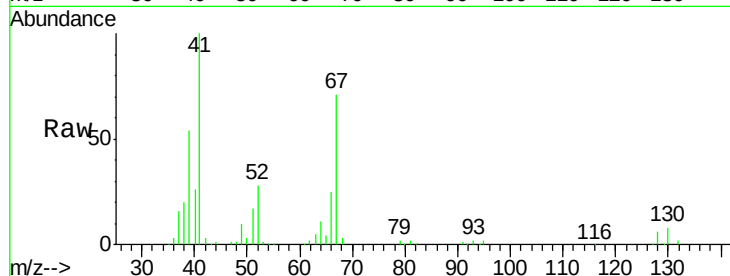




#41
Methacrylonitrile
Concen: 43.72 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

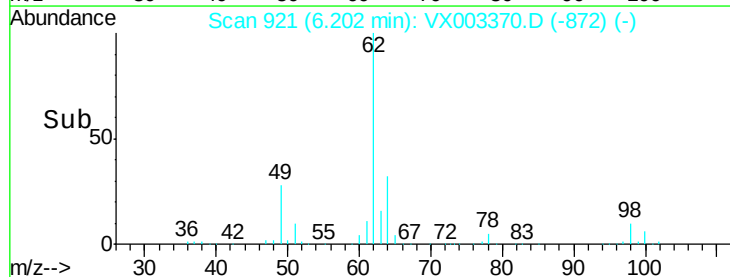
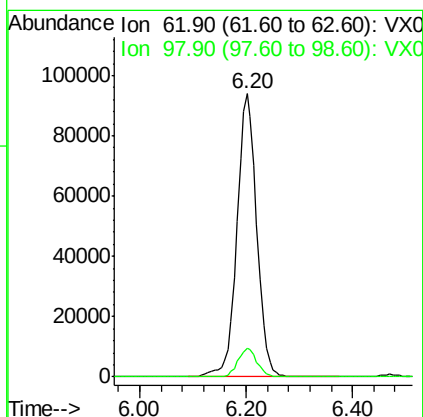
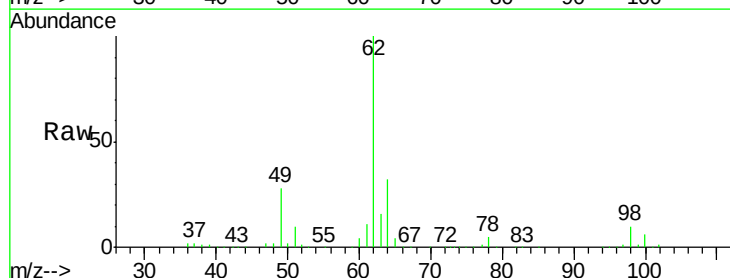
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

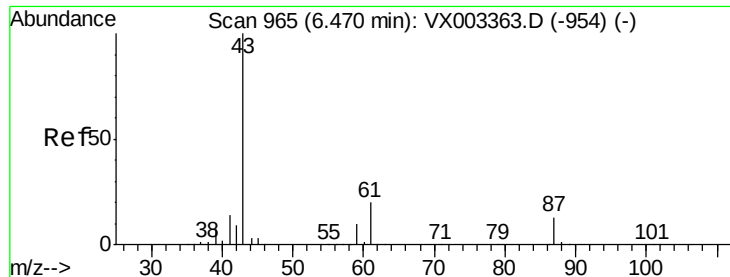
Tot Ion: 41 Resp: 139202
Ion Ratio Lower Upper
41 100
39 53.7 45.8 68.6
67 73.5 51.3 76.9
52 28.2 23.0 34.6



#42
1,2-Dichloroethane
Concen: 43.63 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion: 62 Resp: 242122
Ion Ratio Lower Upper
62 100
98 9.8 0.0 16.6





#43

Isopropyl Acetate

Concen: 44.92 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

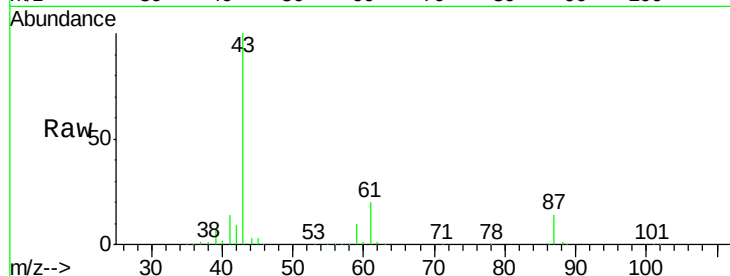
Tot Ion: 43 Resp: 391284

Ion Ratio Lower Upper

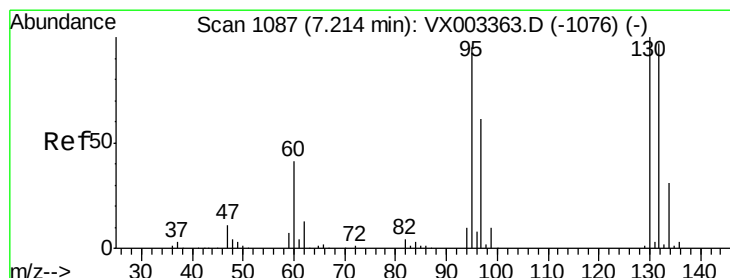
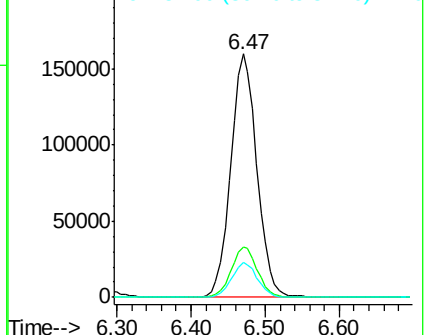
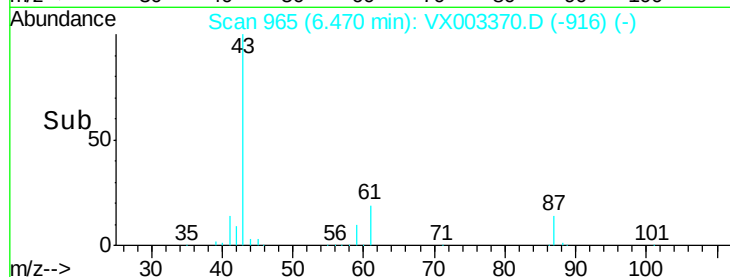
43 100

61 20.7 14.4 21.6

87 14.1 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX003370.D (-916) (-)



#44

Trichloroethene

Concen: 45.70 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003370.D

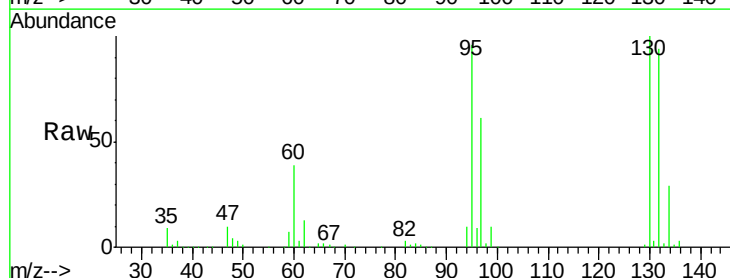
Acq: 13 Jul 2018 18:55

Tgt Ion:130 Resp: 205729

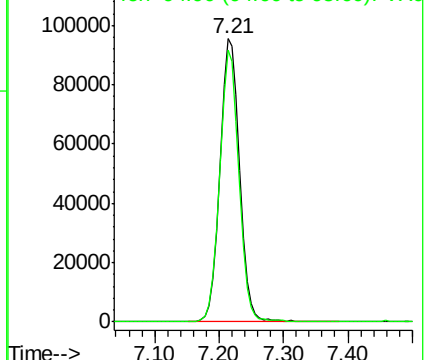
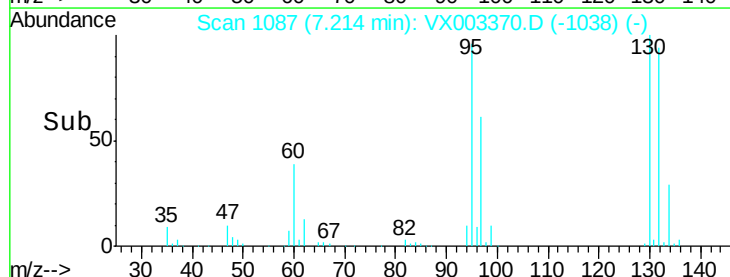
Ion Ratio Lower Upper

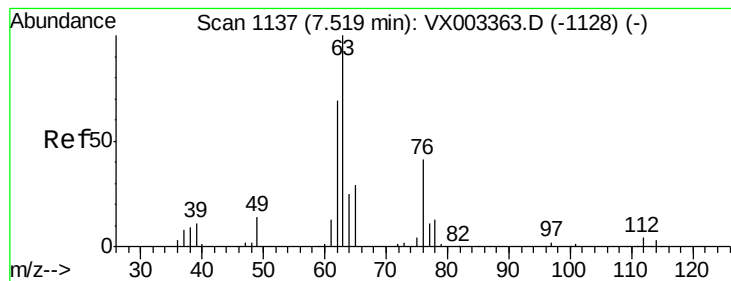
130 100

95 96.1 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): VX003370.D (-1038) (-)





#45

1,2-Dichloropropane

Concen: 44.77 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

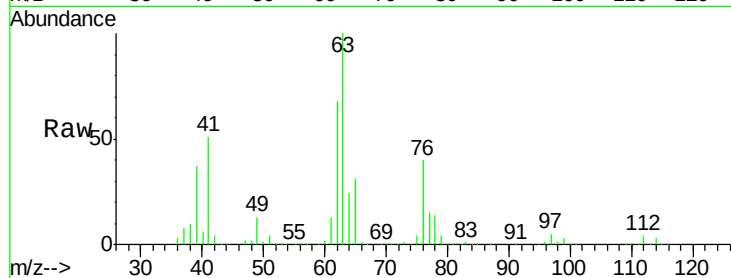
VSTDCCC050

Tot Ion: 63 Resp: 188672

Ion Ratio Lower Upper

63 100

65 31.5 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

100000

80000

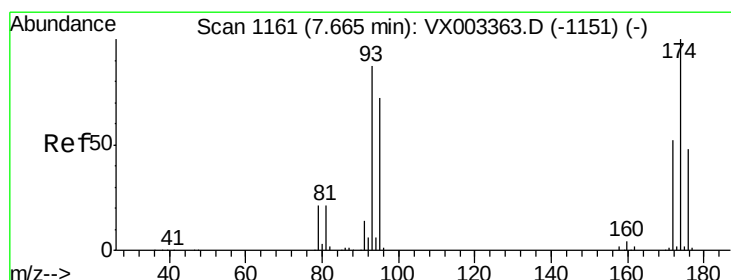
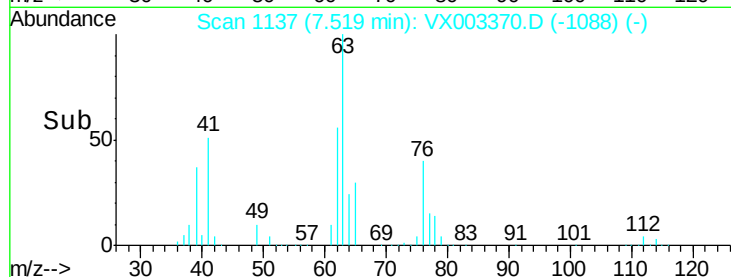
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 44.87 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

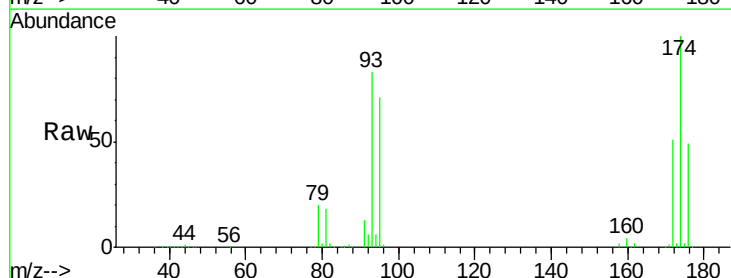
Tgt Ion: 93 Resp: 121561

Ion Ratio Lower Upper

93 100

95 85.0 65.9 98.9

174 121.3 92.4 138.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.67

100000

80000

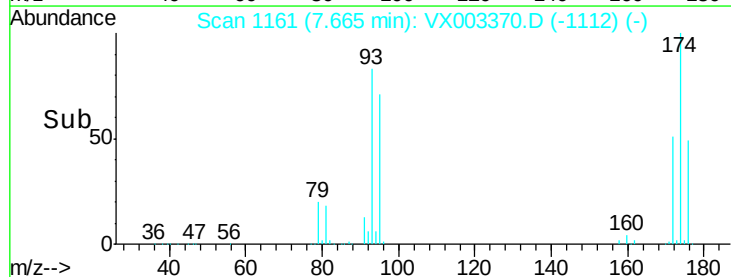
60000

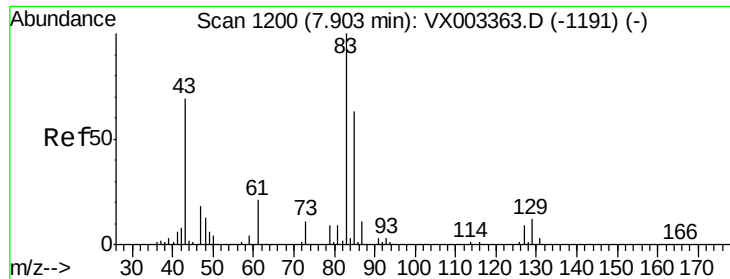
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 45.17 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

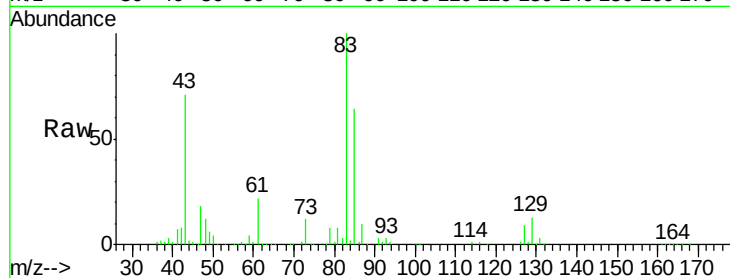
Tot Ion: 83 Resp: 230767

Ion Ratio Lower Upper

83 100

85 63.9 50.3 75.5

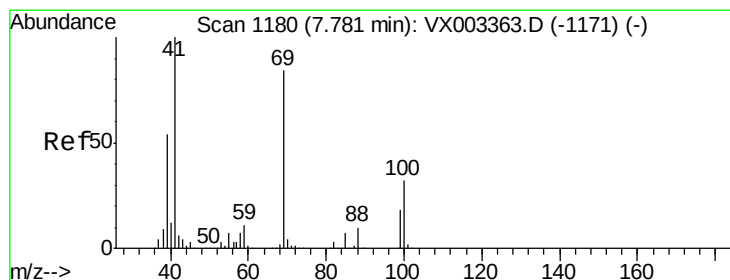
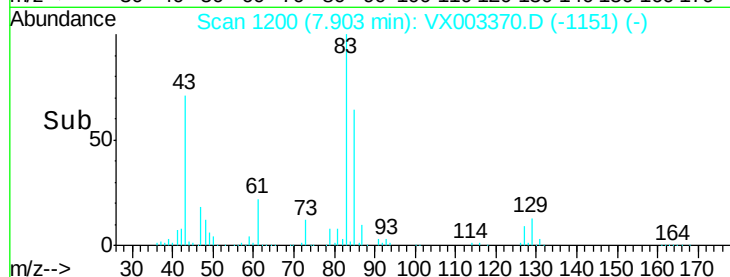
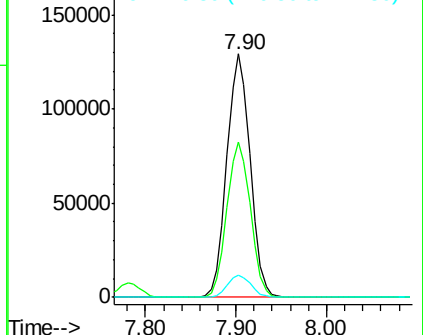
127 9.0 7.0 10.4



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: 45.44 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

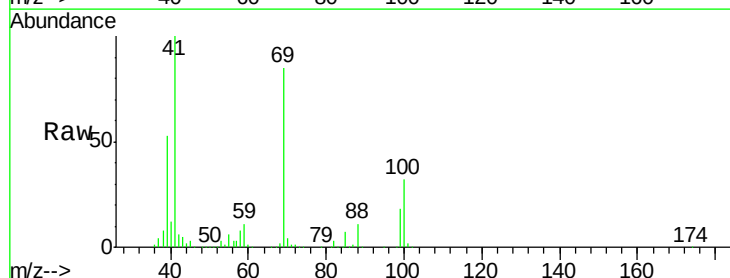
Tgt Ion: 41 Resp: 202024

Ion Ratio Lower Upper

41 100

69 86.4 59.1 88.7

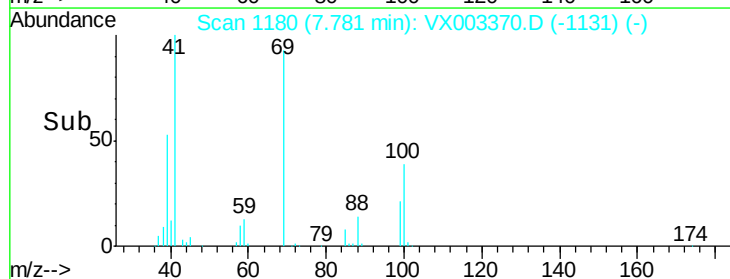
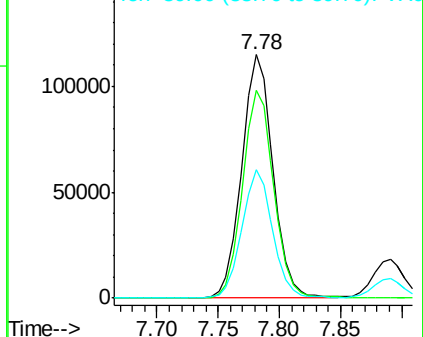
39 52.0 48.9 73.3

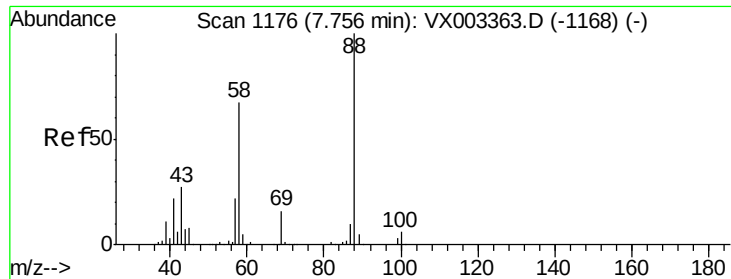


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

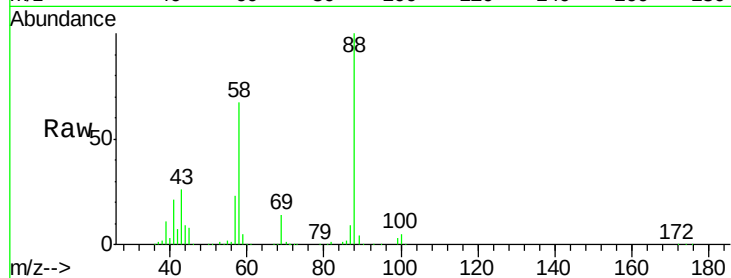




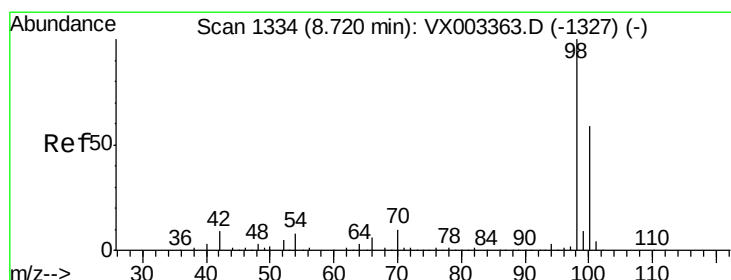
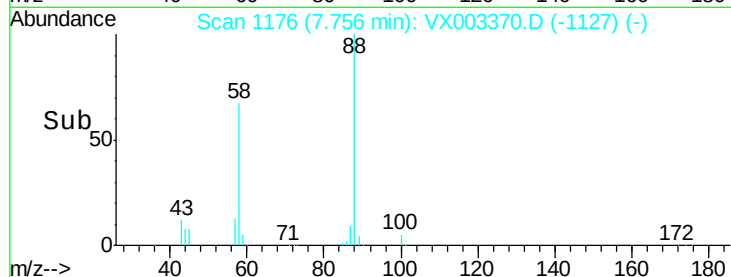
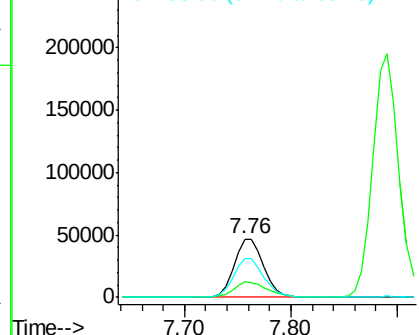
#49
1,4-Dioxane
Concen: 932.94 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	90511
Ion	Ratio	Lower	Upper
88	100		
43	30.0	29.8	44.6
58	70.3	57.1	85.7

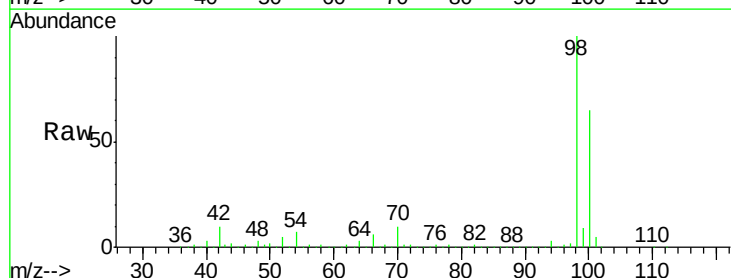


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

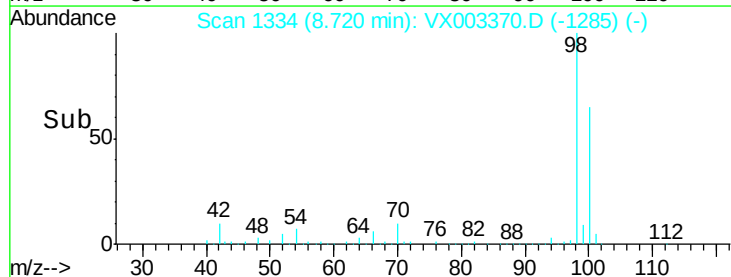
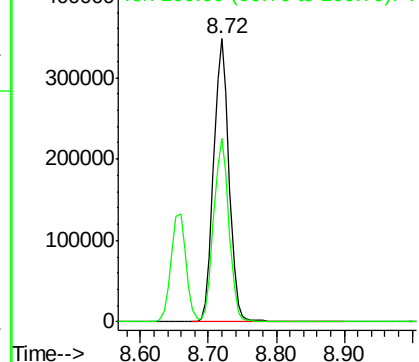


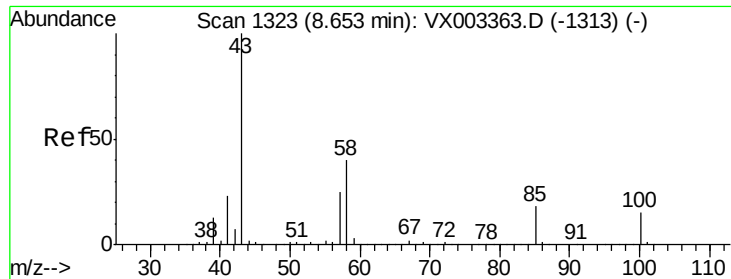
#50
Toluene-d8
Concen: 47.12 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion	98	Resp	544662
Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.9	76.3



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





#51

4-Methyl-2-Pentanone

Concen: 225.00 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

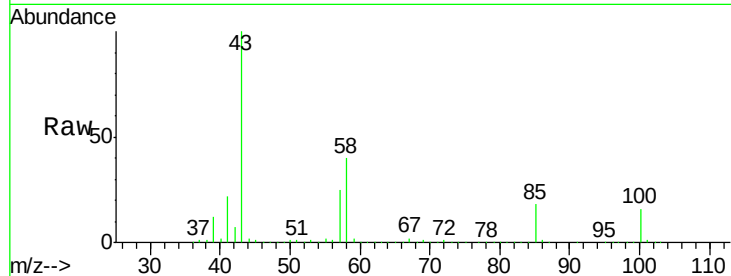
VSTDCCC050

Tot Ion: 43 Resp: 1281147

Ion Ratio Lower Upper

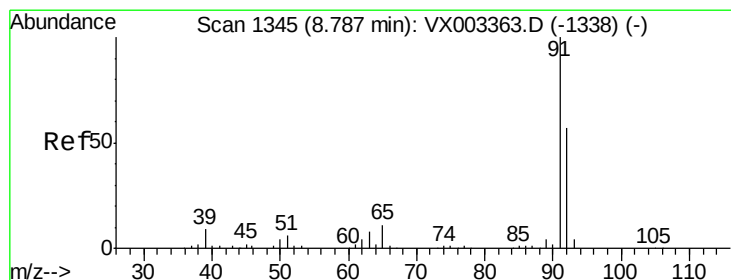
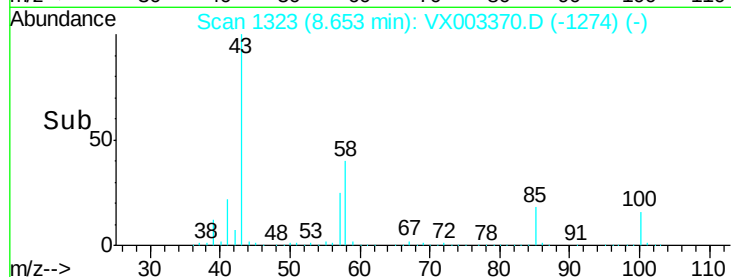
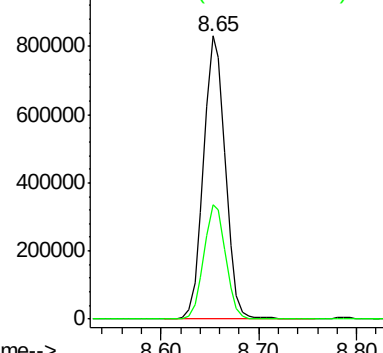
43 100

58 40.4 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: 46.16 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003370.D

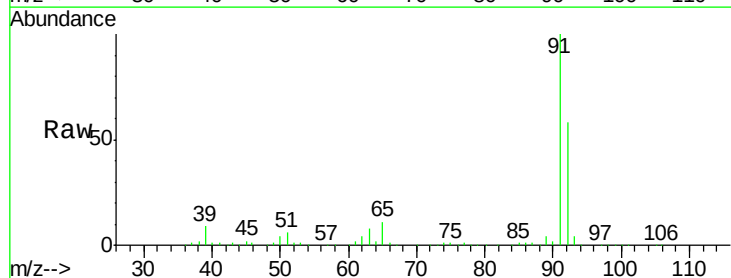
Acq: 13 Jul 2018 18:55

Tgt Ion: 92 Resp: 464727

Ion Ratio Lower Upper

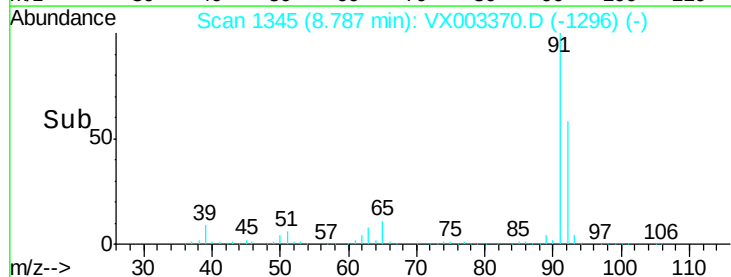
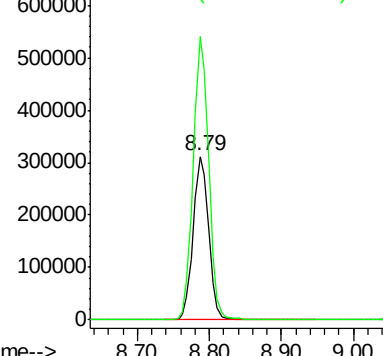
92 100

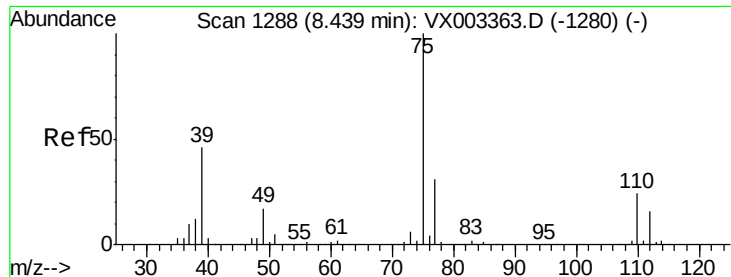
91 173.0 140.4 210.6



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: 47.84 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

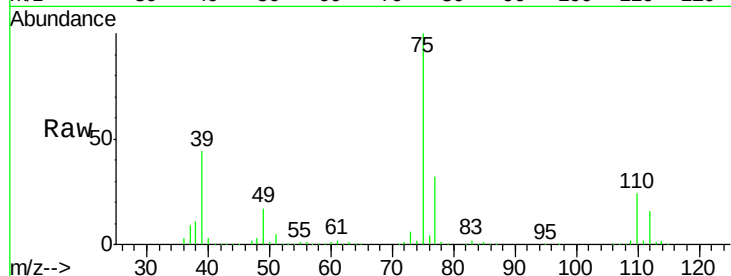
VSTDCCC050

Tot Ion: 75 Resp: 287063

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

200000

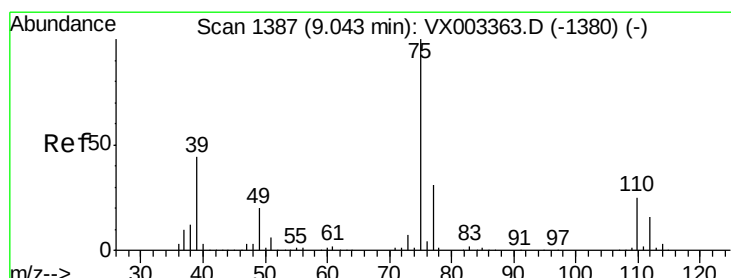
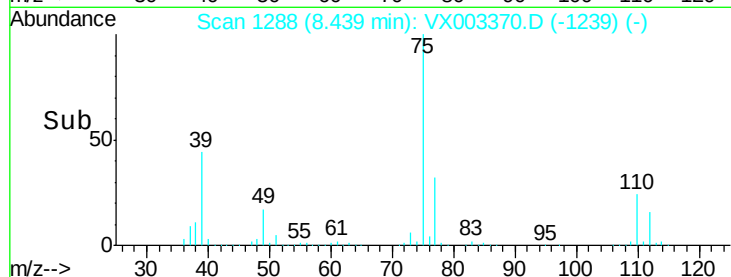
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 47.13 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

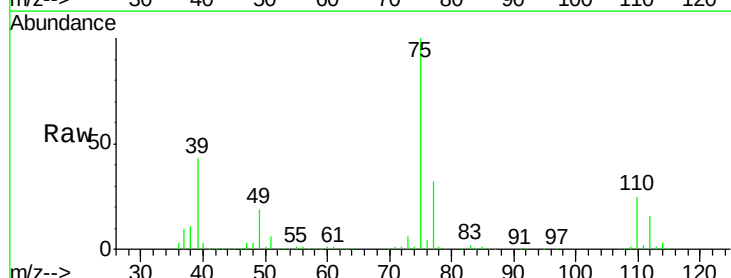
Tgt Ion: 75 Resp: 258312

Ion Ratio Lower Upper

75 100

77 31.8 24.8 37.2

39 43.1 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

9.04

250000

200000

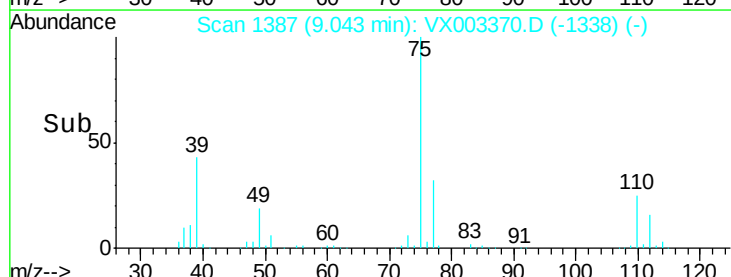
150000

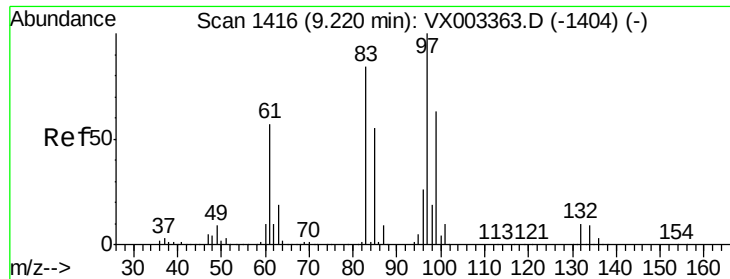
100000

50000

0

Time-->

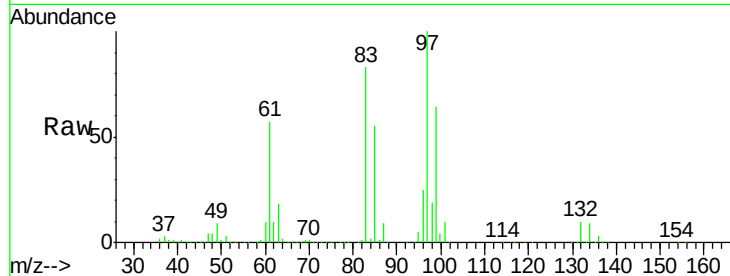




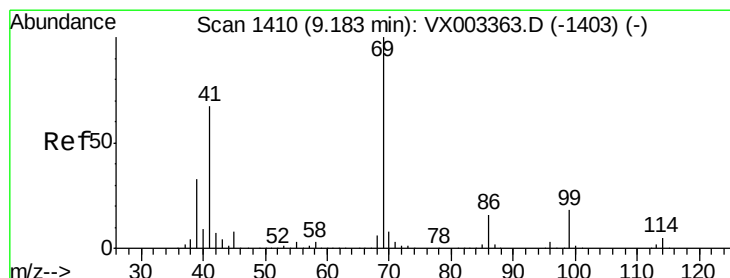
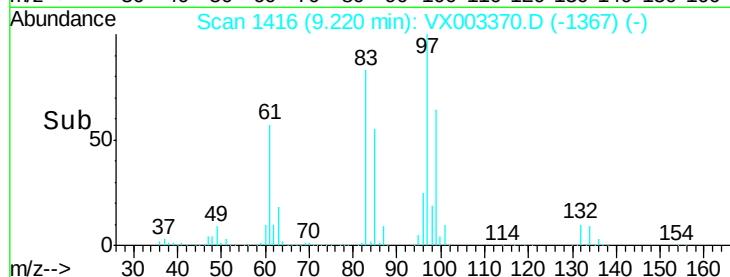
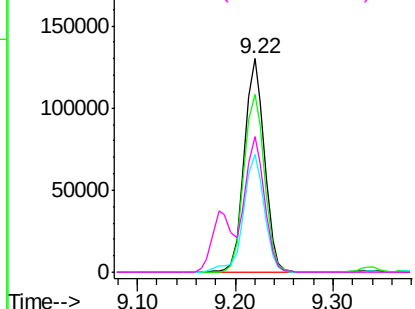
#55
 1,1,2-Trichloroethane
 Concen: 44.40 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 186561
 Ion Ratio Lower Upper
 97 100
 83 83.4 70.2 105.2
 85 54.9 44.9 67.3
 99 63.7 49.8 74.8

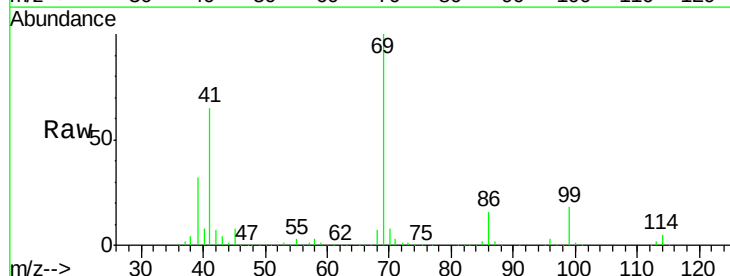


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

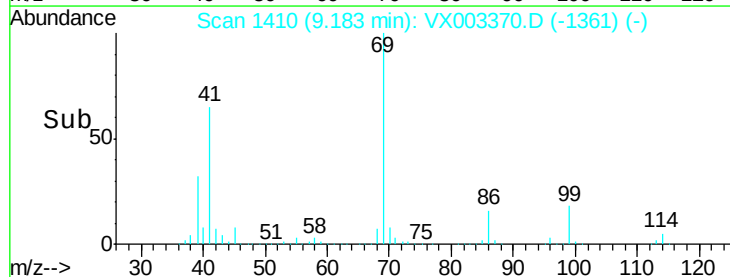
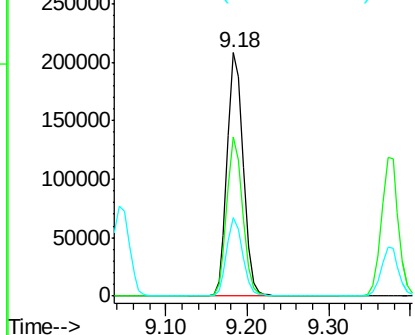


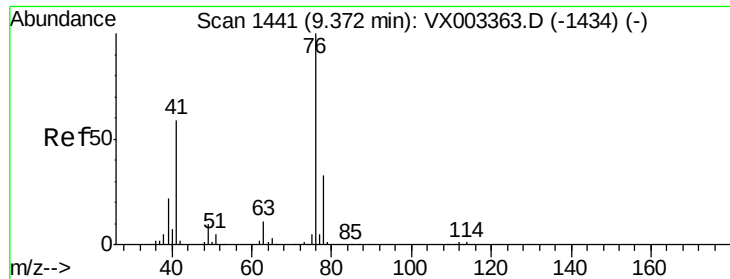
#56
 Ethyl methacrylate
 Concen: 47.00 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

Tgt Ion: 69 Resp: 282078
 Ion Ratio Lower Upper
 69 100
 41 64.2 60.3 90.5
 39 32.1 35.8 53.8#



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

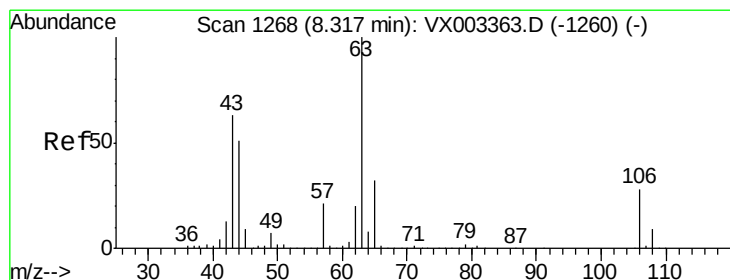
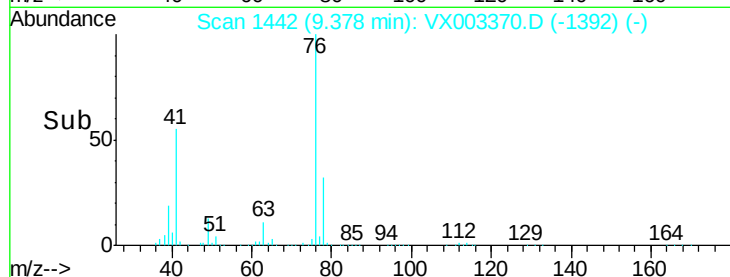
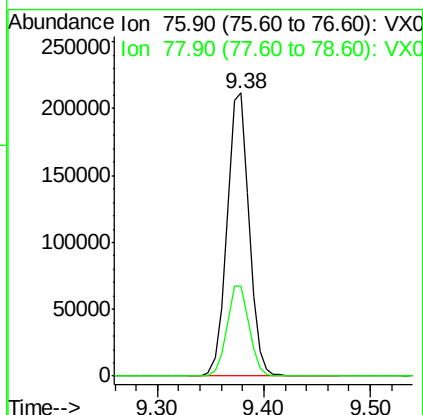
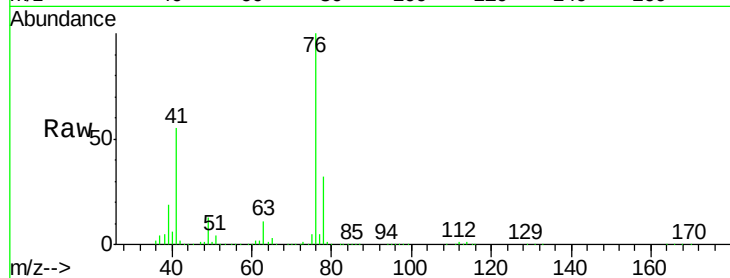




#57
 1,3-Dichloropropane
 Concen: 45.07 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

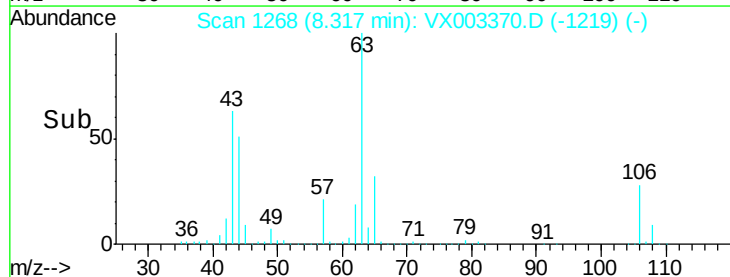
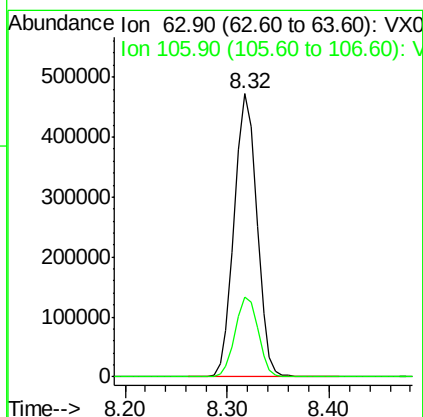
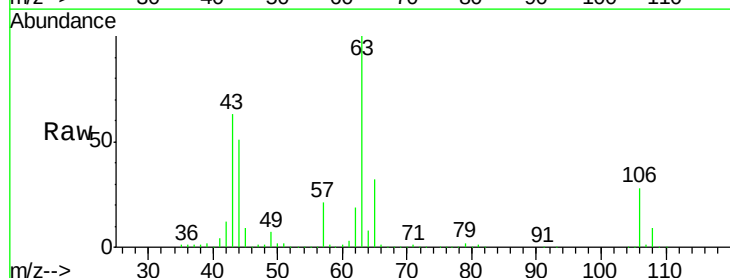
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

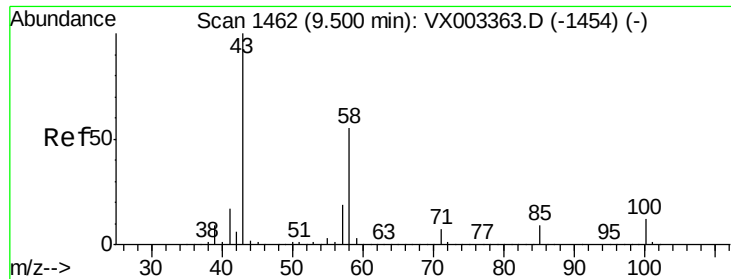
Tot Ion: 76 Resp: 306970
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 249.20 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

Tgt Ion: 63 Resp: 726803
 Ion Ratio Lower Upper
 63 100
 106 28.5 21.8 32.8

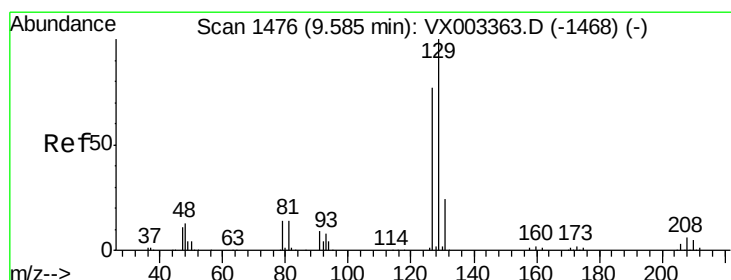
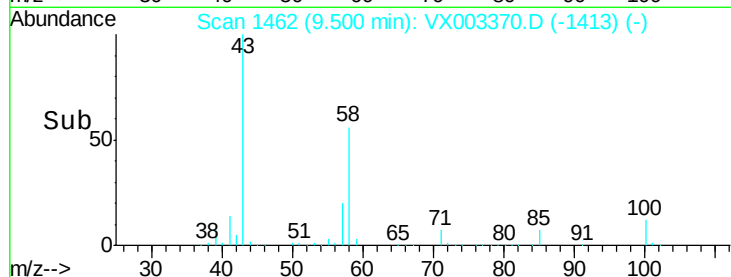
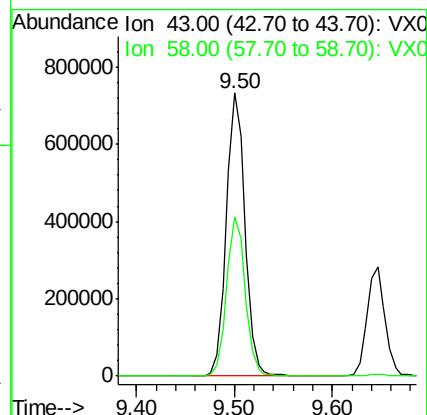
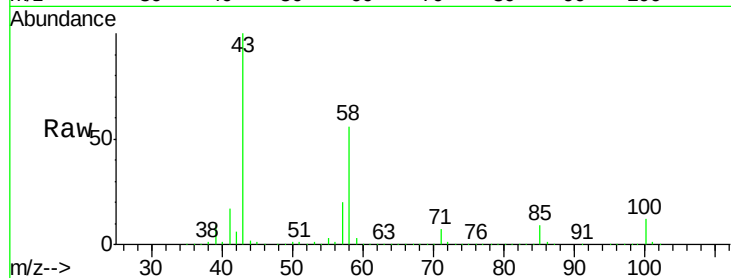




#59
2-Hexanone
Concen: 231.38 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

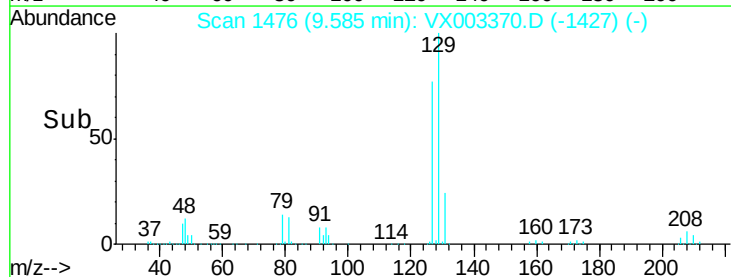
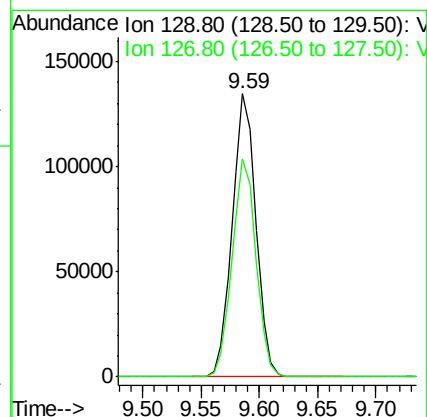
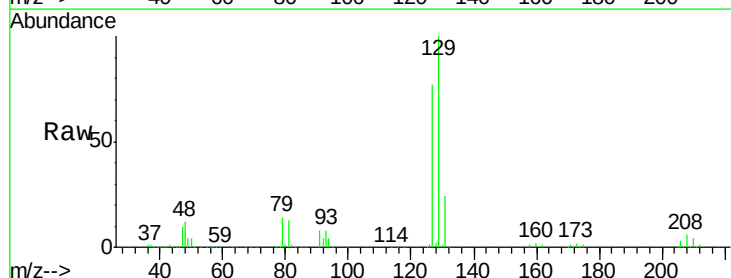
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

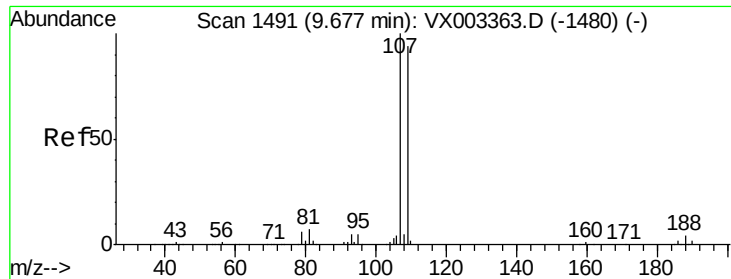
Tot Ion: 43 Resp: 971726
Ion Ratio Lower Upper
43 100
58 56.3 24.6 73.6



#60
Dibromochloromethane
Concen: 46.71 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion: 129 Resp: 190502
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.3





#61

1,2-Dibromoethane

Concen: 46.14 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

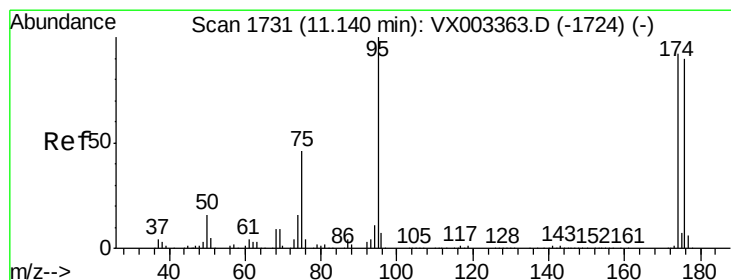
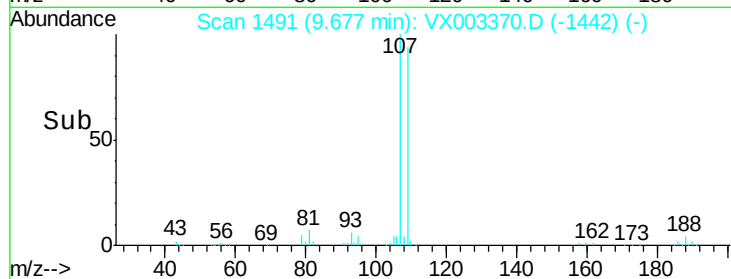
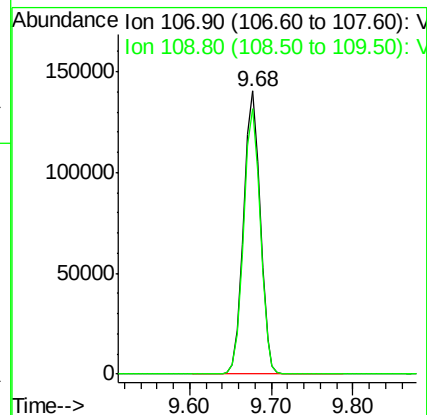
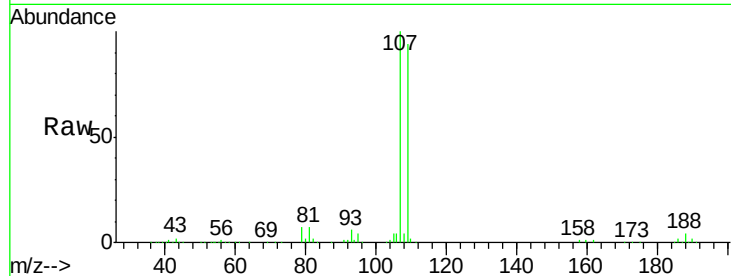
VSTDCCC050

Tot Ion:107 Resp: 195469

Ion Ratio Lower Upper

107 100

109 94.4 75.3 112.9



#62

4-Bromofluorobenzene

Concen: 44.94 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

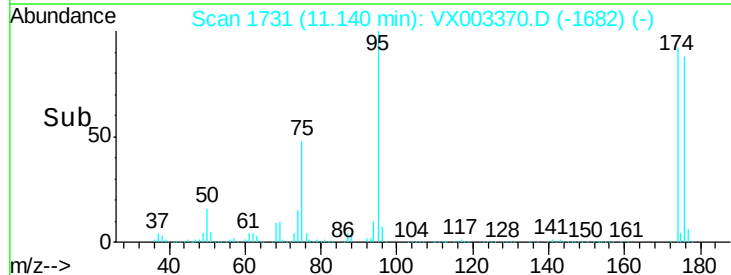
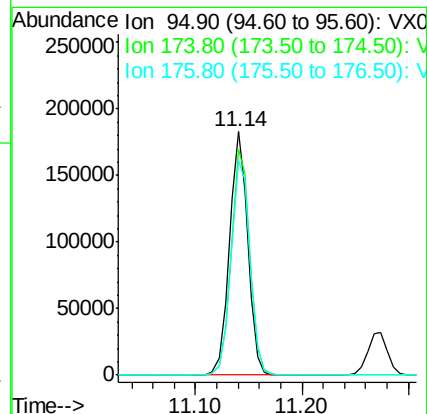
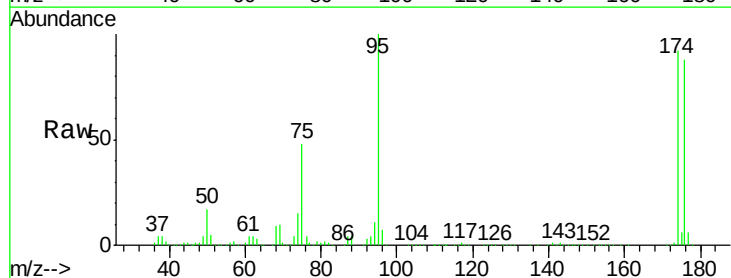
Tgt Ion: 95 Resp: 219933

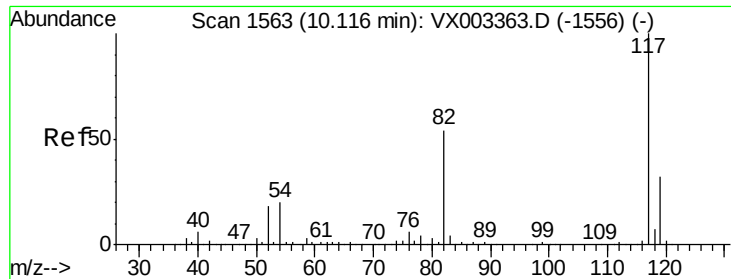
Ion Ratio Lower Upper

95 100

174 94.6 0.0 187.4

176 91.2 0.0 181.0

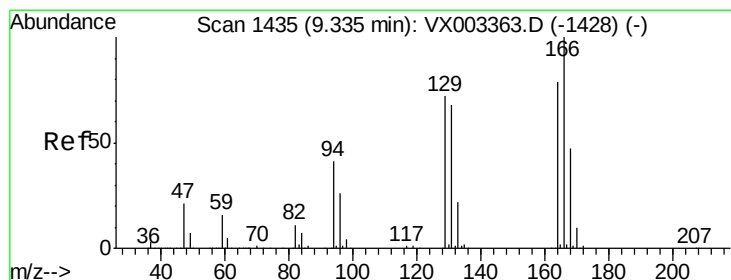
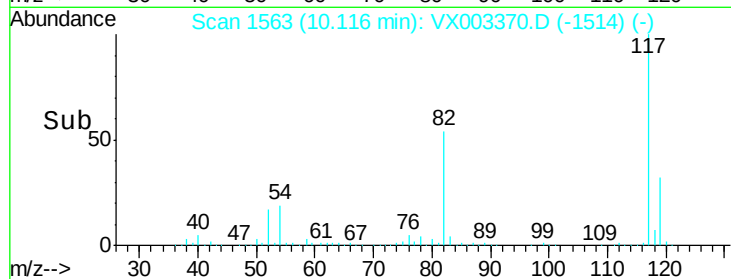
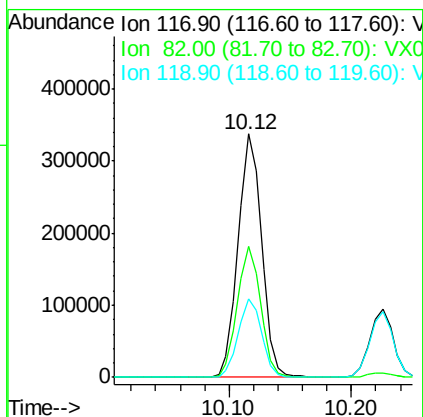
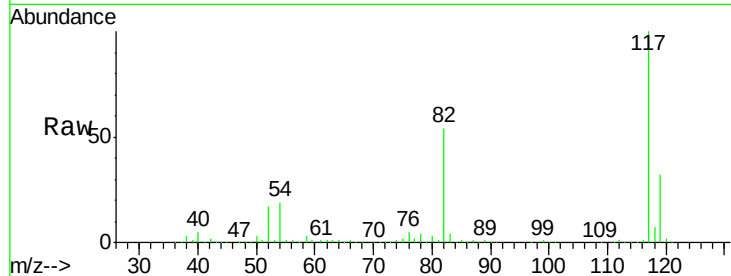




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

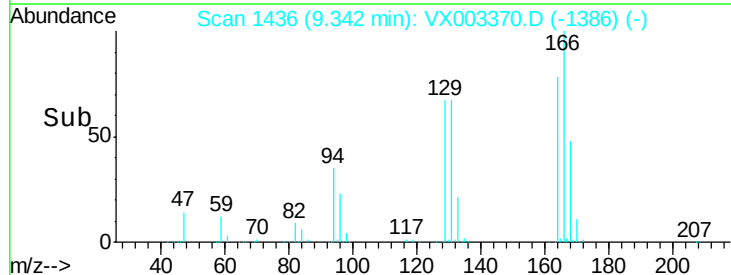
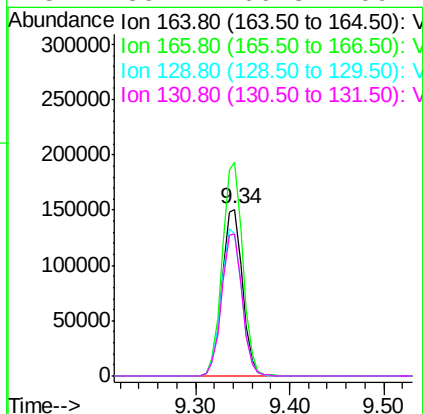
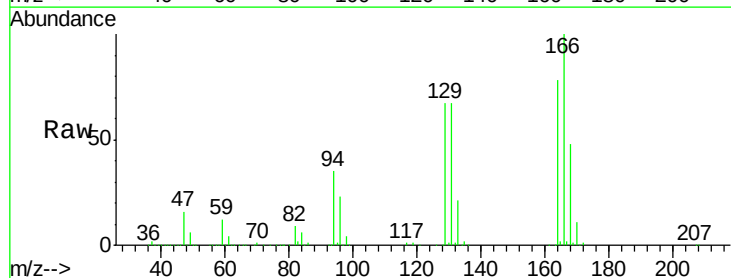
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

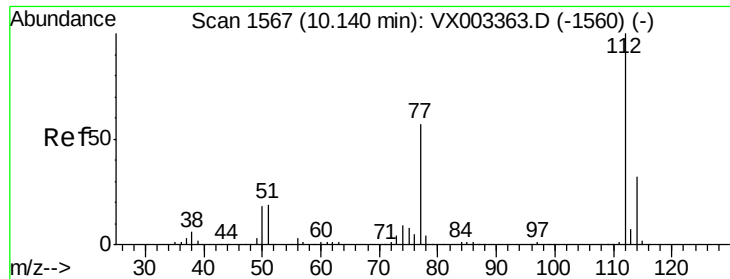
Tot Ion:117 Resp: 450485
Ion Ratio Lower Upper
117 100
82 53.8 45.0 67.4
119 32.5 25.8 38.6



#64
Tetrachloroethene
Concen: 46.32 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion:164 Resp: 225976
Ion Ratio Lower Upper
164 100
166 128.1 102.9 154.3
129 85.4 68.6 102.8
131 85.2 66.8 100.2

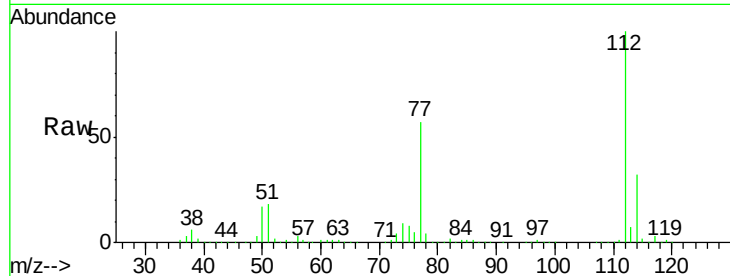




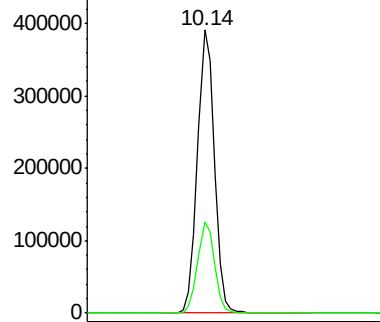
#65
Chlorobenzene
Concen: 45.25 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

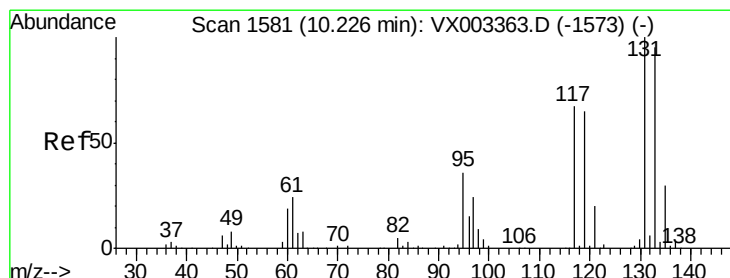
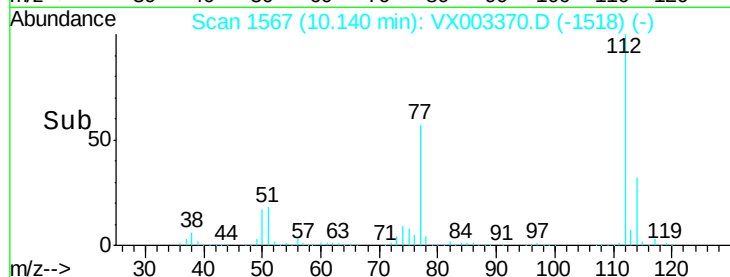
Tot Ion:112 Resp: 523402
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9



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

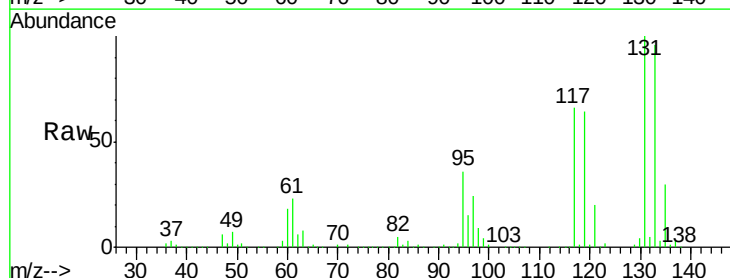


Time-->

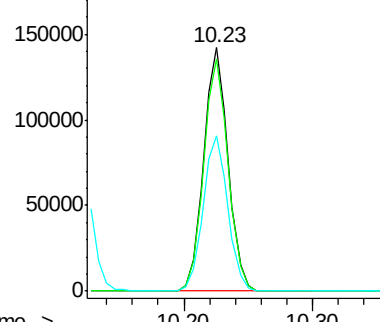


#66
1,1,1,2-Tetrachloroethane
Concen: 45.87 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

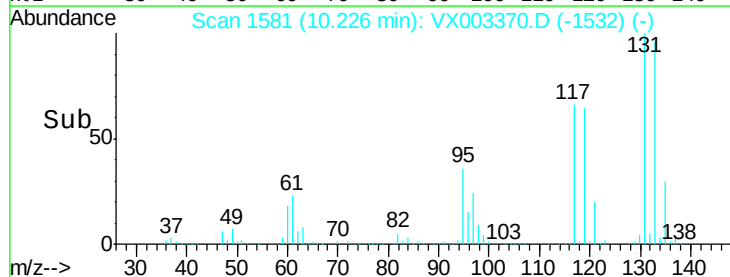
Tgt Ion:131 Resp: 187632
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.6
119 64.7 31.8 95.3

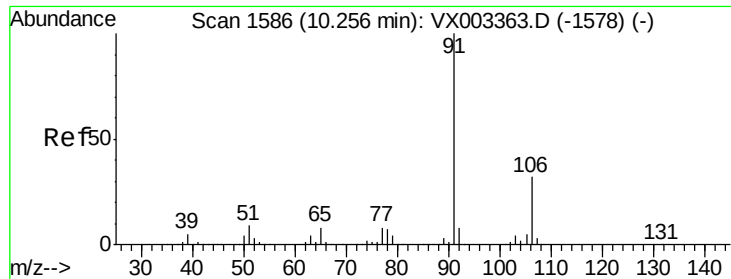


Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



Time-->

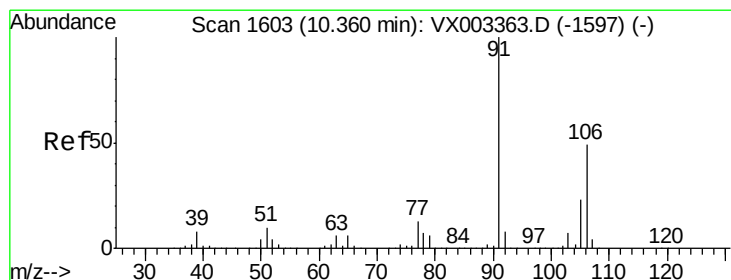
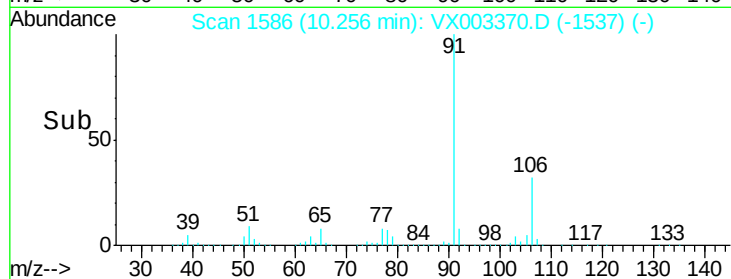
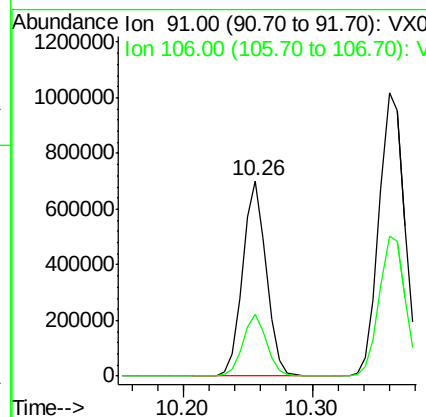
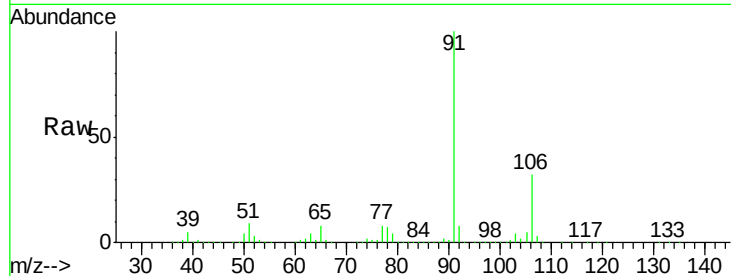




#67
Ethyl Benzene
Concen: 47.21 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

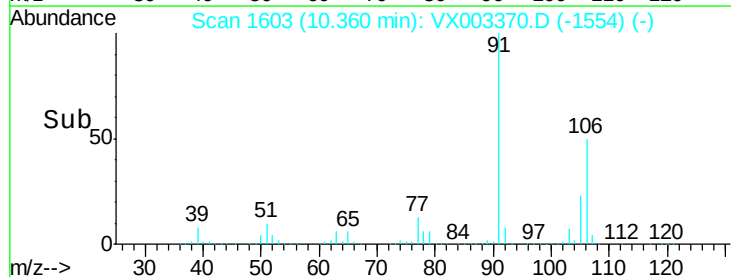
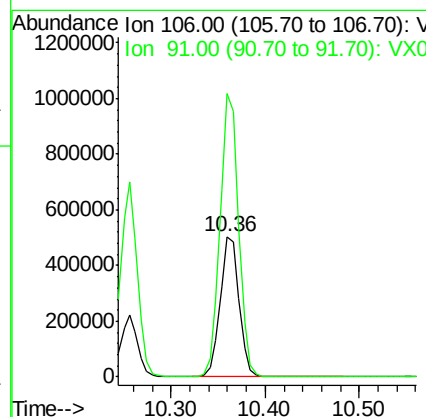
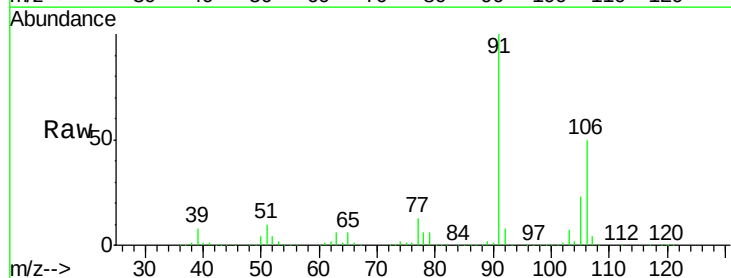
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

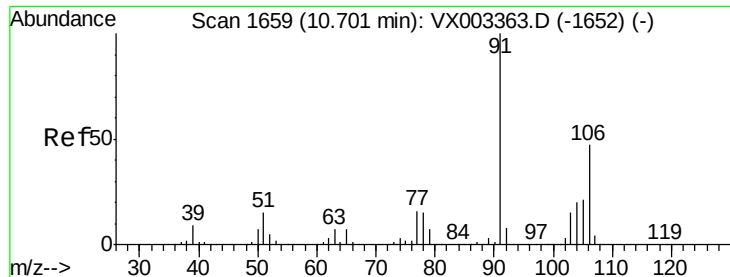
Tot Ion: 91 Resp: 888757
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3



#68
m/p-Xylenes
Concen: 95.90 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion: 106 Resp: 695406
Ion Ratio Lower Upper
106 100
91 199.8 163.4 245.2

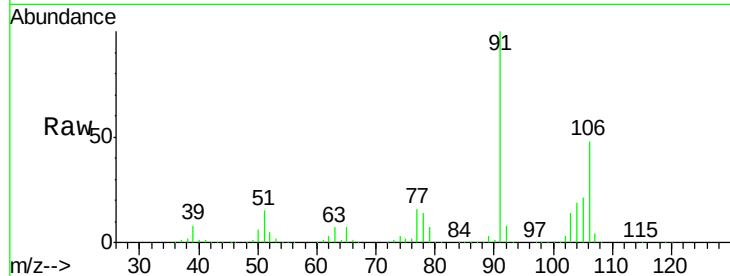




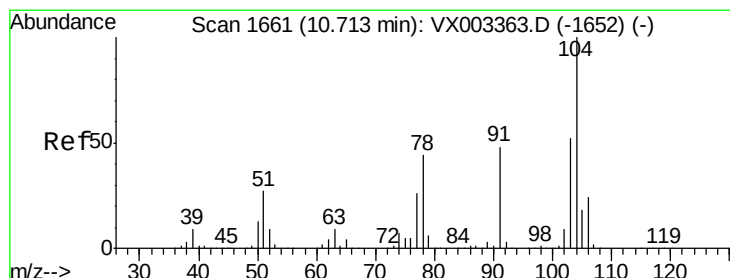
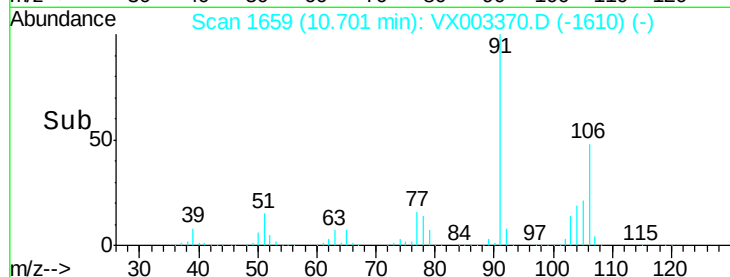
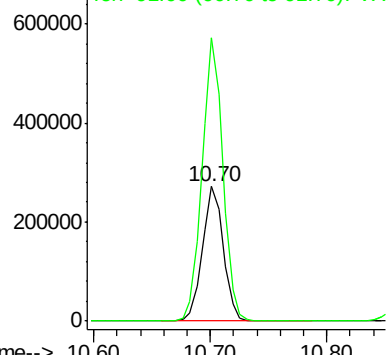
#69
o-Xylene
Concen: 47.82 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 338685
Ion Ratio Lower Upper
106 100
91 209.1 108.2 324.6

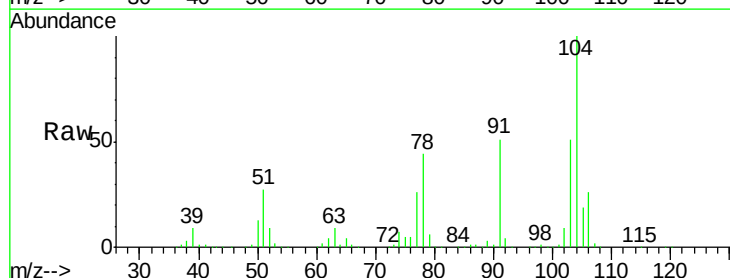


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

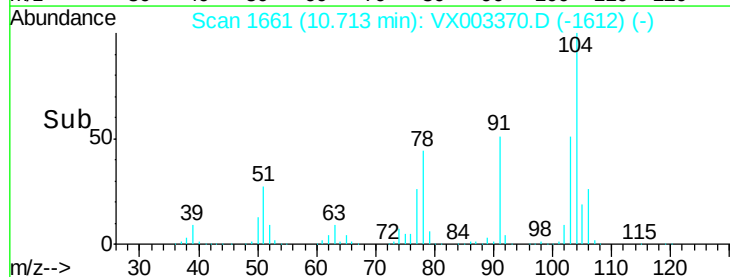
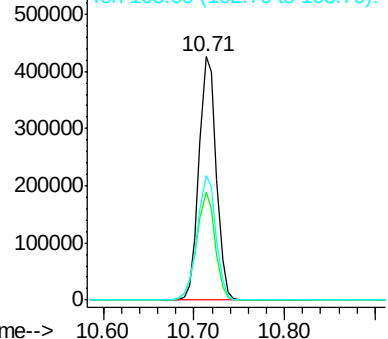


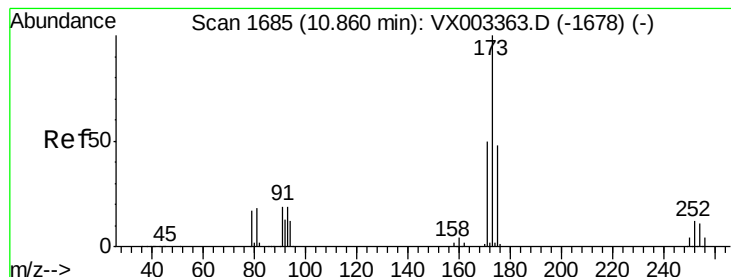
#70
Styrene
Concen: 47.65 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion:104 Resp: 567182
Ion Ratio Lower Upper
104 100
78 47.5 41.0 61.6
103 55.2 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: 47.42 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

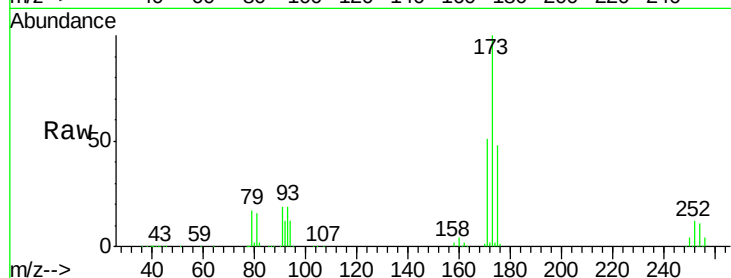
Tot Ion:173 Resp: 148498

Ion Ratio Lower Upper

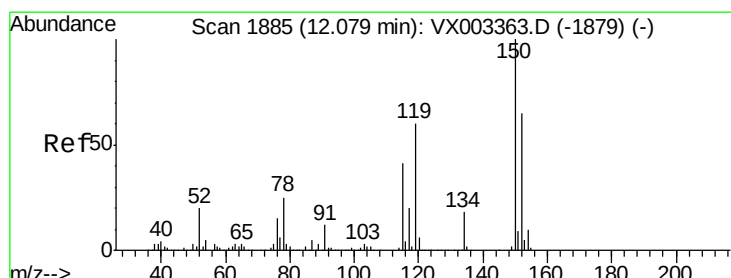
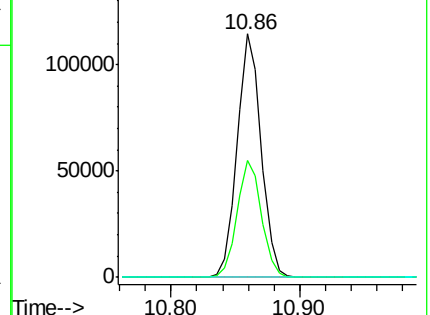
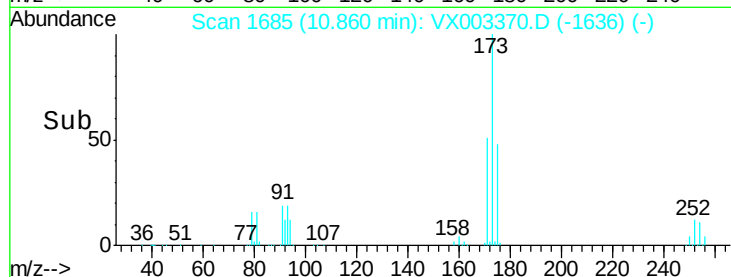
173 100

175 48.8 24.7 74.1

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

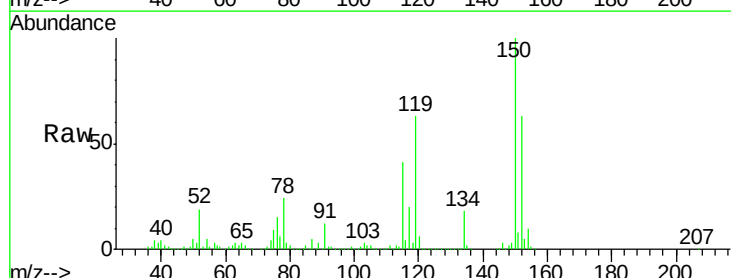
Tgt Ion:152 Resp: 270762

Ion Ratio Lower Upper

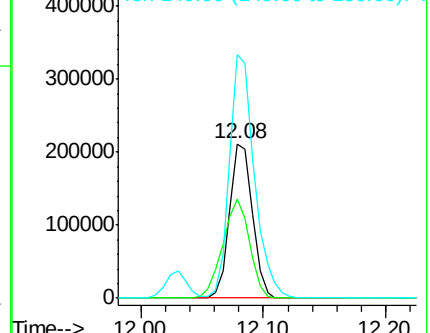
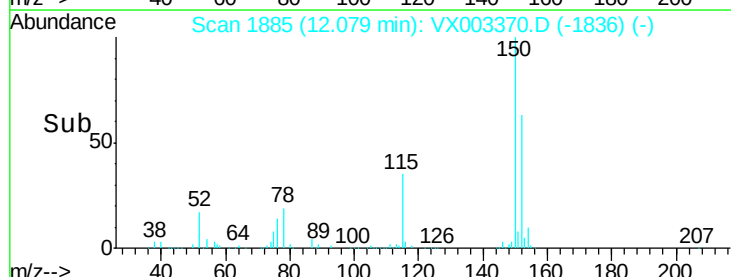
152 100

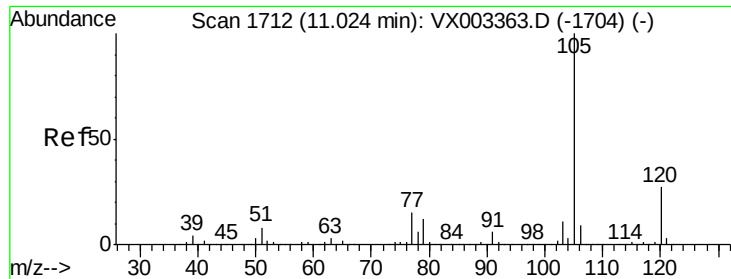
115 76.1 40.1 120.2

150 172.7 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: 47.94 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

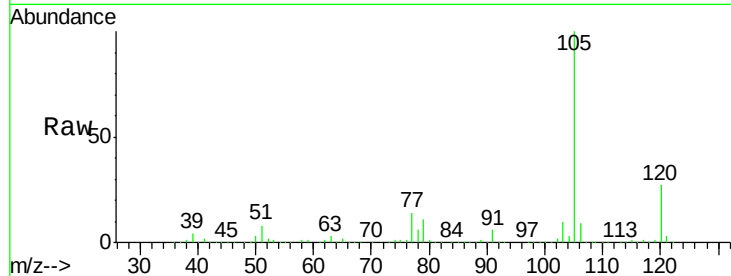
VSTDCCC050

Tot Ion:105 Resp: 897508

Ion Ratio Lower Upper

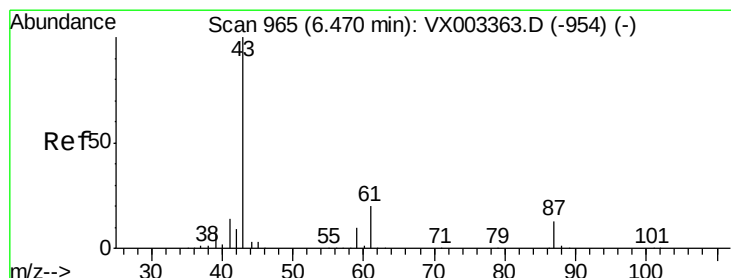
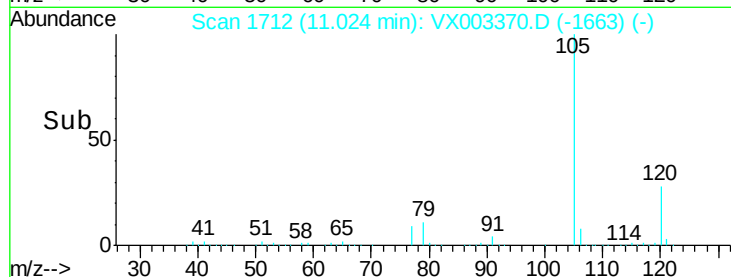
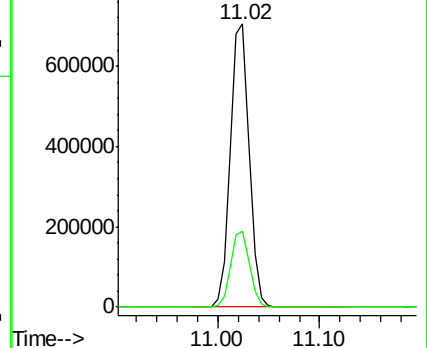
105 100

120 26.8 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: 45.09 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Tgt Ion: 43 Resp: 391284

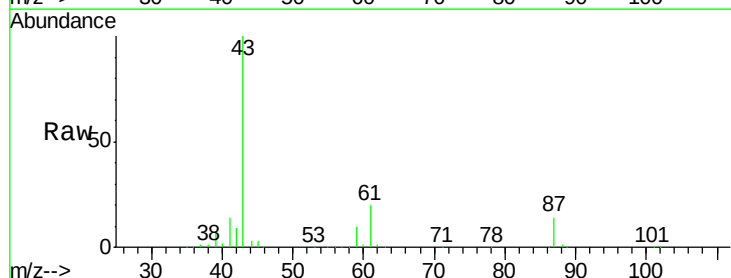
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 20.7 14.4 21.6

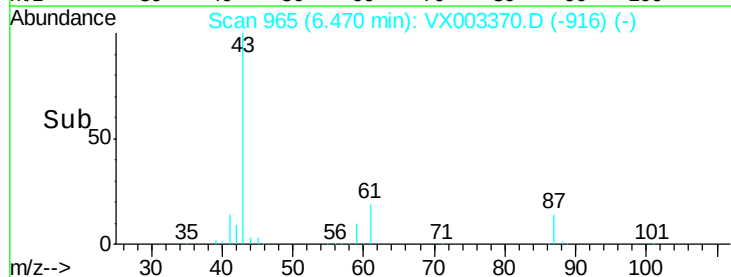
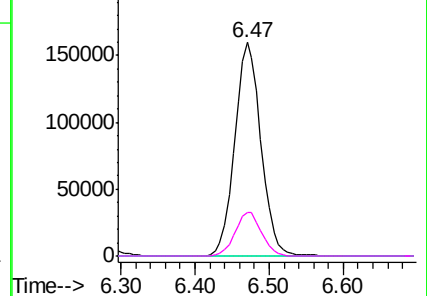


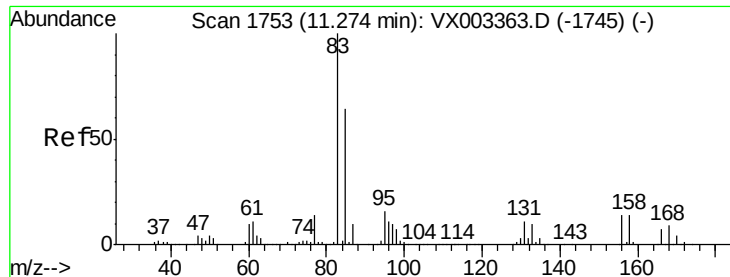
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 44.37 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

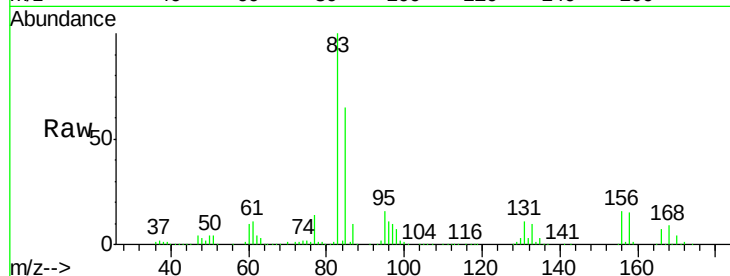
Tot Ion: 83 Resp: 271162

Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.6	16.8
85	64.8	32.4	97.2

83 100

131 10.6 5.6 16.8

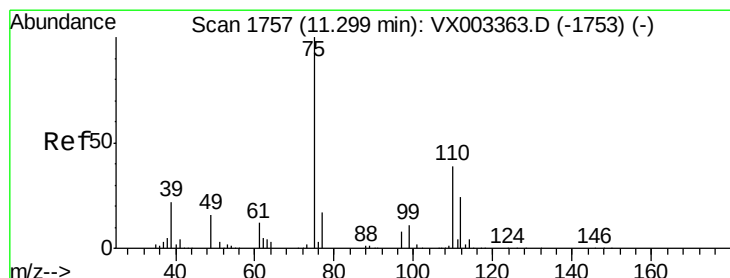
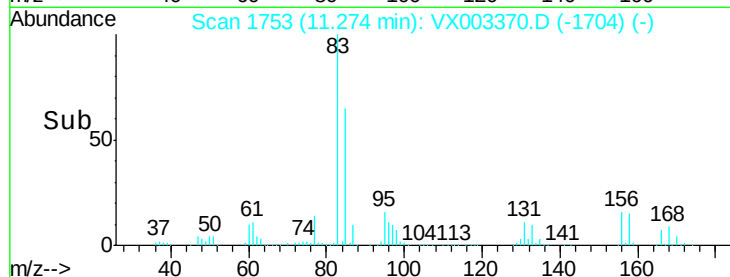
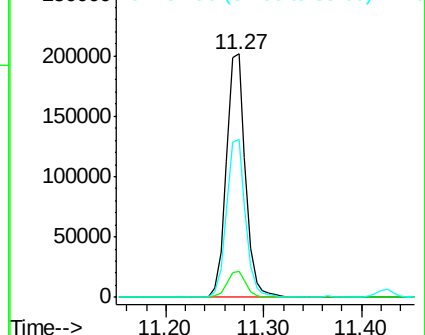
85 64.8 32.4 97.2



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: 59.34 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003370.D

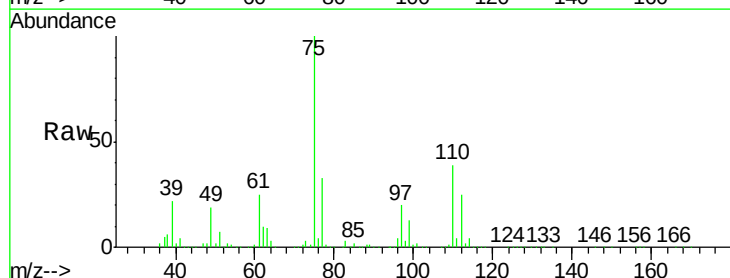
Acq: 13 Jul 2018 18:55

Tgt Ion: 75 Resp: 317398

Ion	Ratio	Lower	Upper
75	100		
77	32.3	22.8	68.3

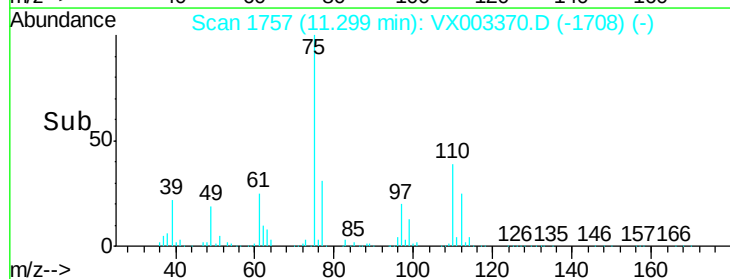
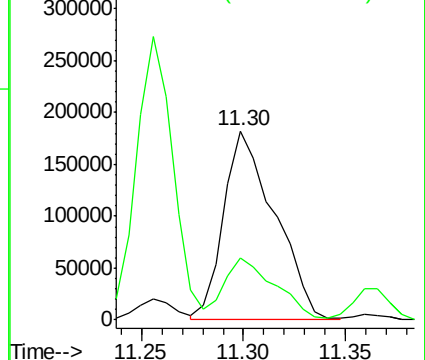
75 100

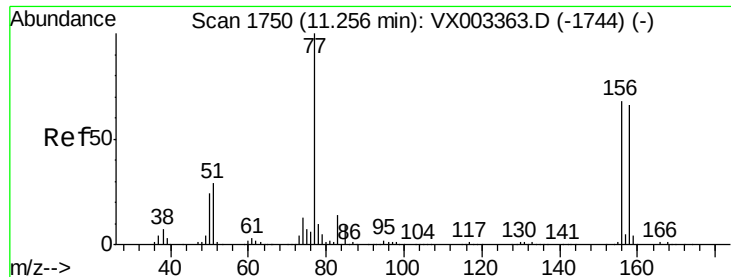
77 32.3 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.10 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

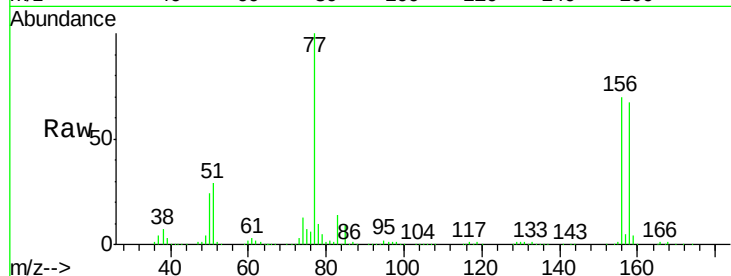
Tot Ion:156 Resp: 243881

Ion Ratio Lower Upper

156 100

77 139.8 71.4 214.2

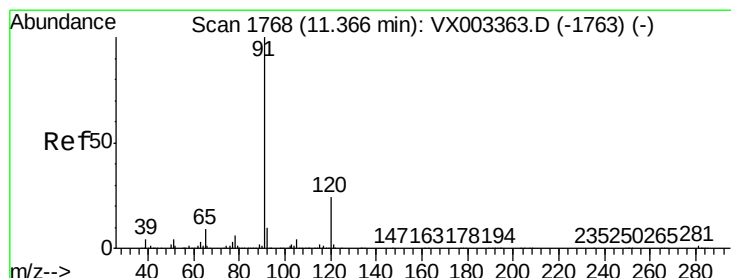
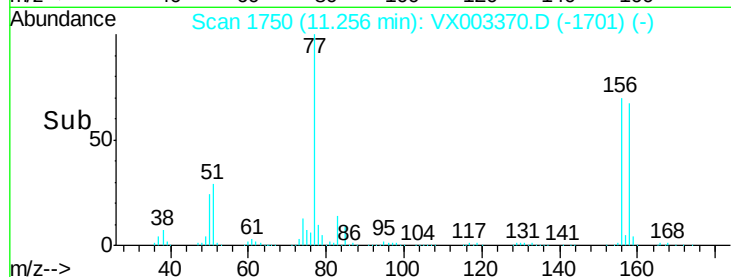
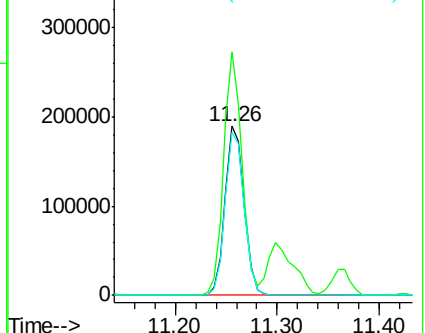
158 96.9 48.9 146.6



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: 48.04 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003370.D

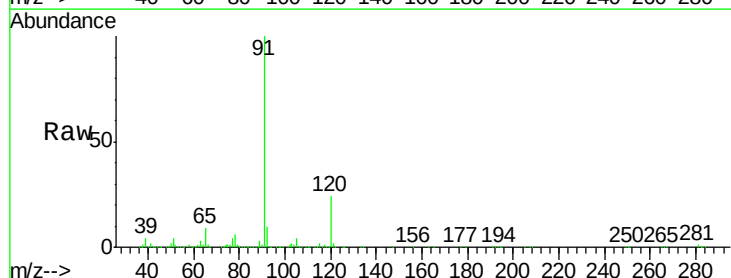
Acq: 13 Jul 2018 18:55

Tgt Ion: 91 Resp: 1016600

Ion Ratio Lower Upper

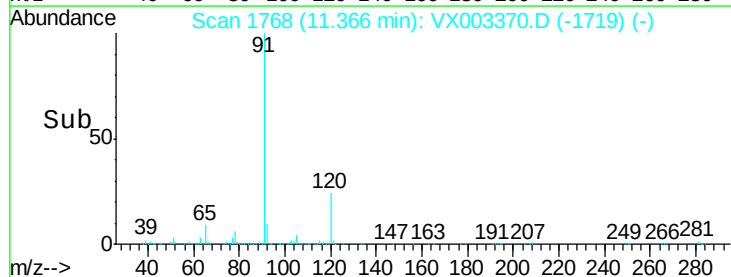
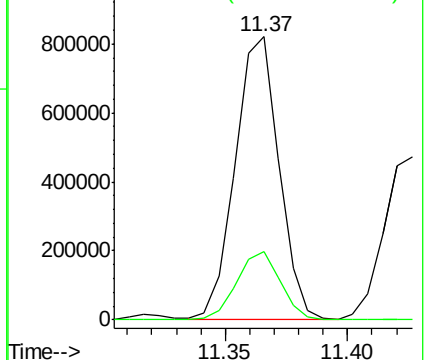
91 100

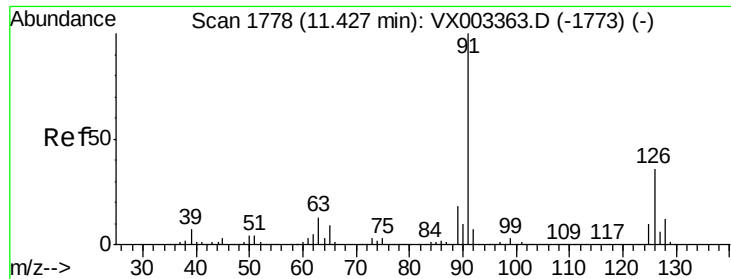
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

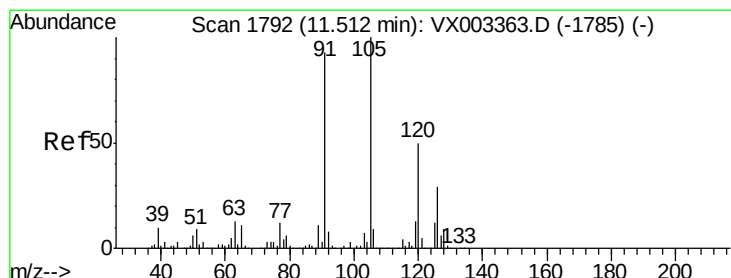
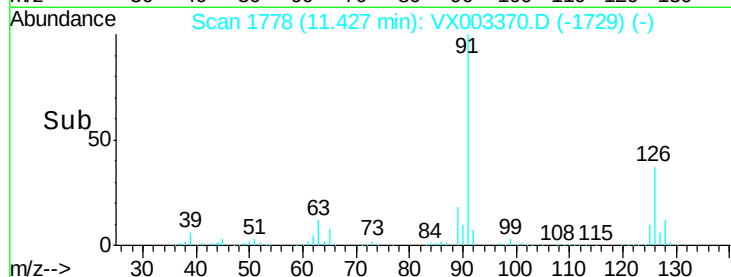
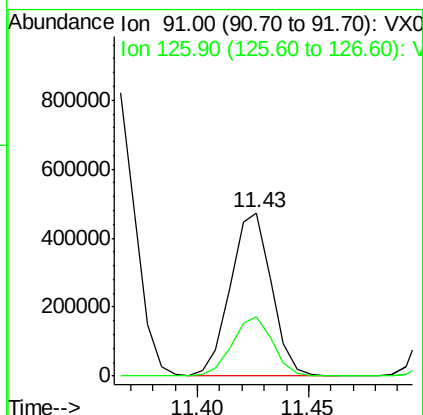
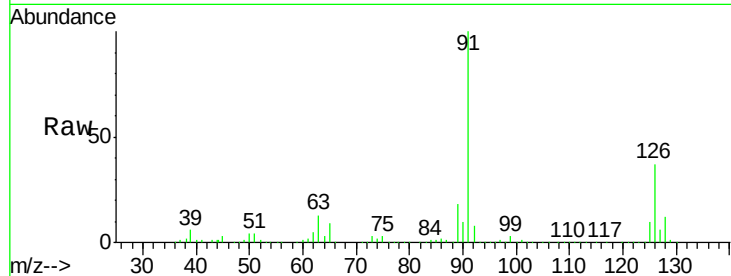




#79
 2-Chlorotoluene
 Concen: 46.13 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

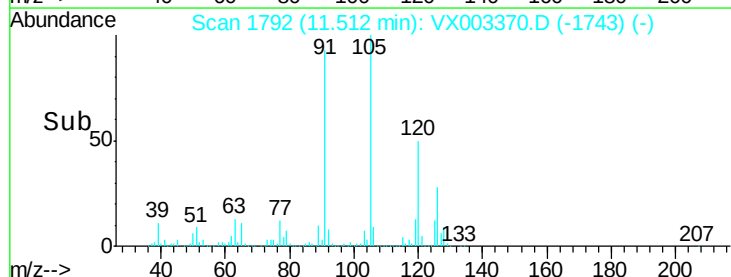
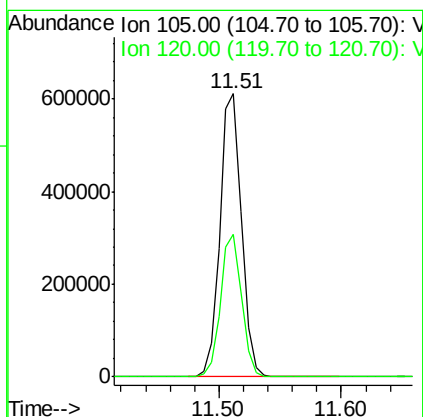
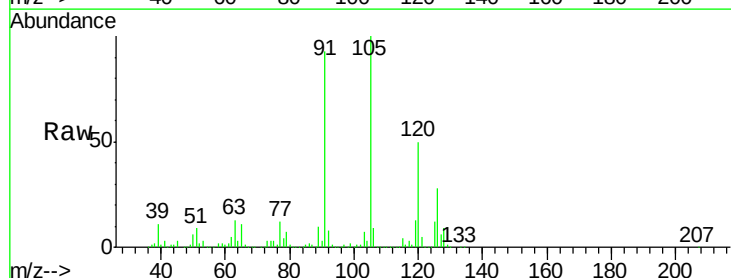
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

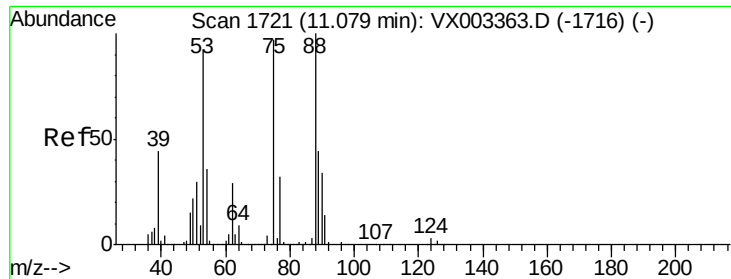
Tot Ion: 91 Resp: 602910
 Ion Ratio Lower Upper
 91 100
 126 36.1 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 48.08 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

Tgt Ion: 105 Resp: 746040
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.4 73.4

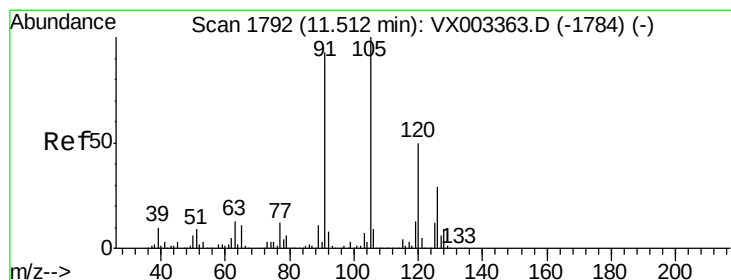
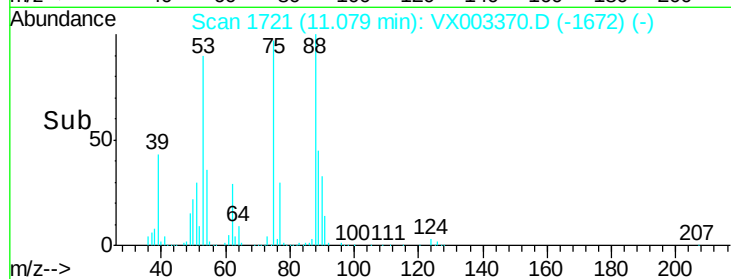
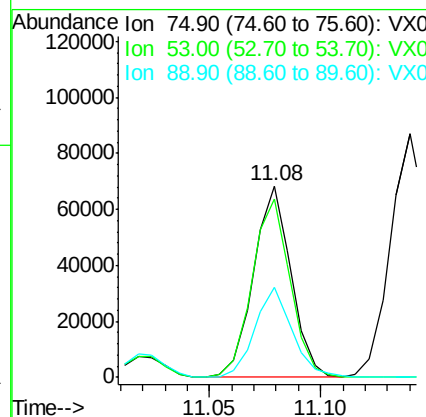
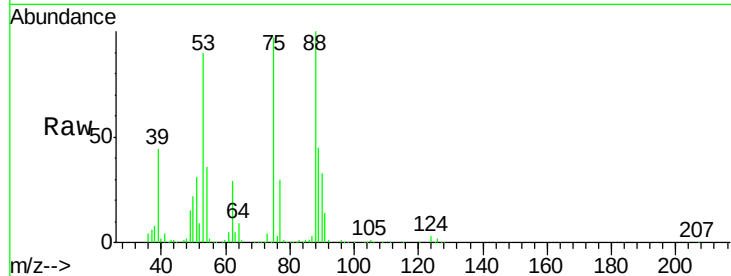




#81
trans-1,4-Dichloro-2-butene
Concen: 49.64 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

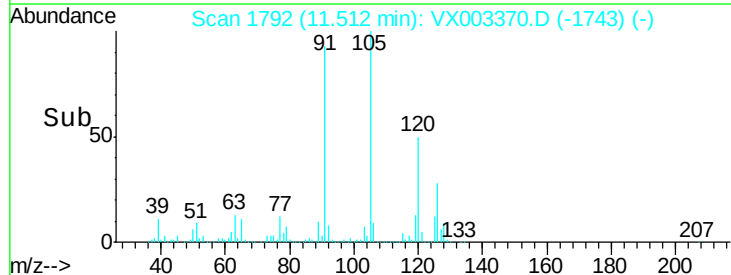
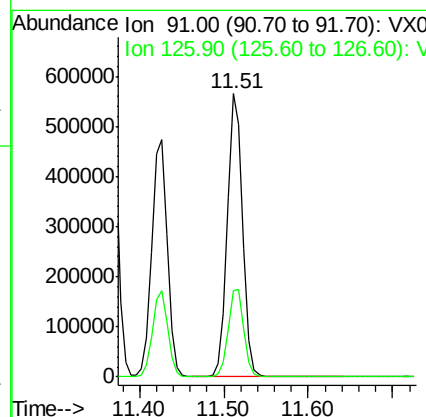
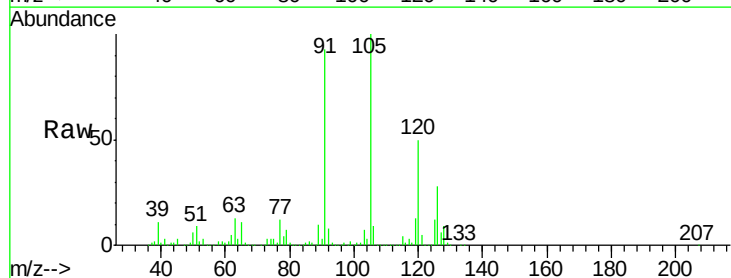
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

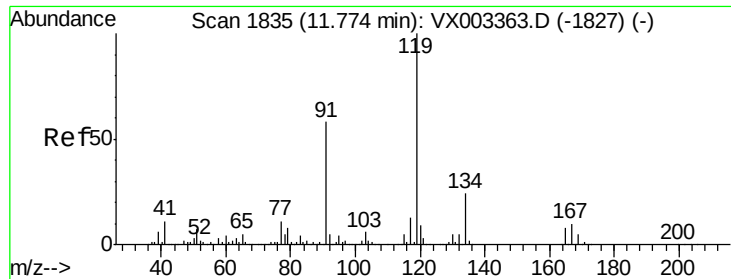
Tot Ion: 75 Resp: 79647
Ion Ratio Lower Upper
75 100
53 94.7 86.8 130.2
89 47.1 38.2 57.2



#82
4-Chlorotoluene
Concen: 46.55 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion: 91 Resp: 708834
Ion Ratio Lower Upper
91 100
126 31.7 15.4 46.4

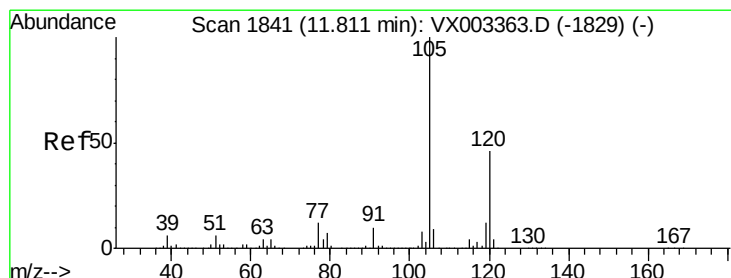
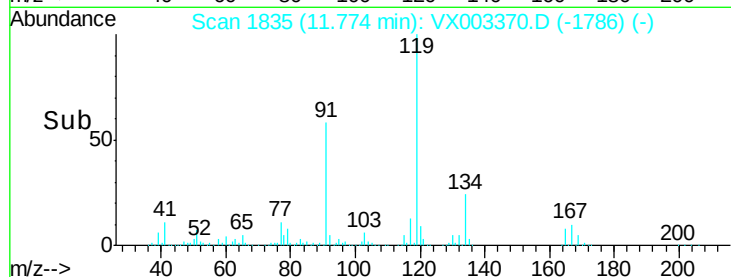
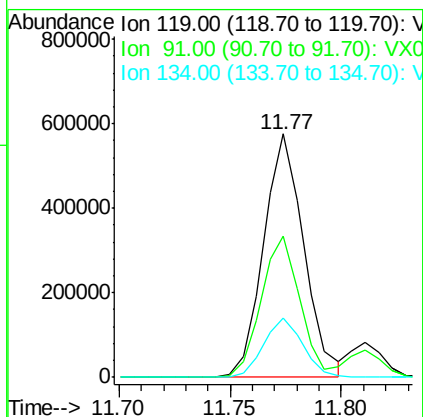
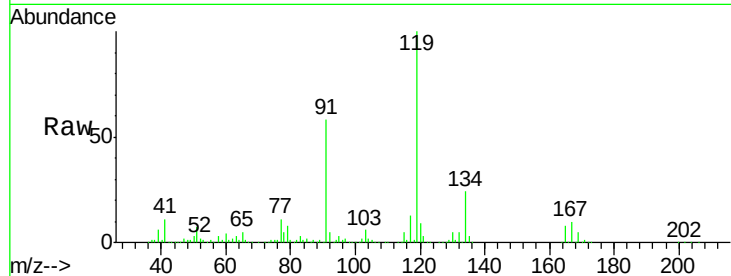




#83
 tert-Butylbenzene
 Concen: 47.07 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

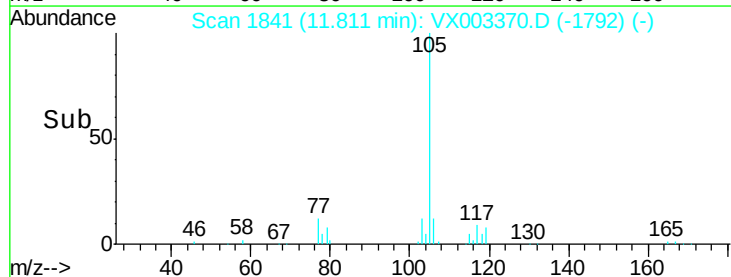
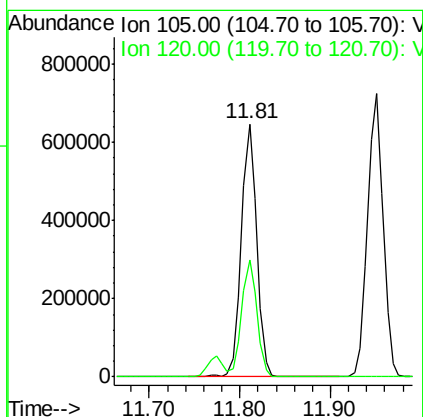
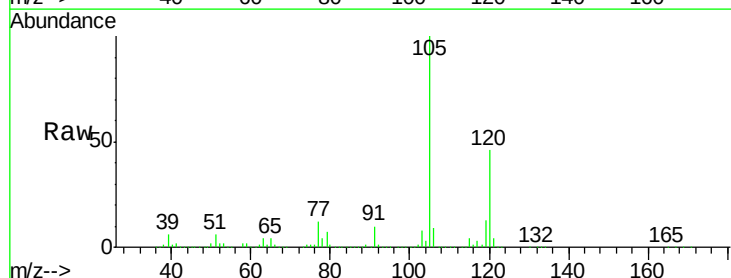
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

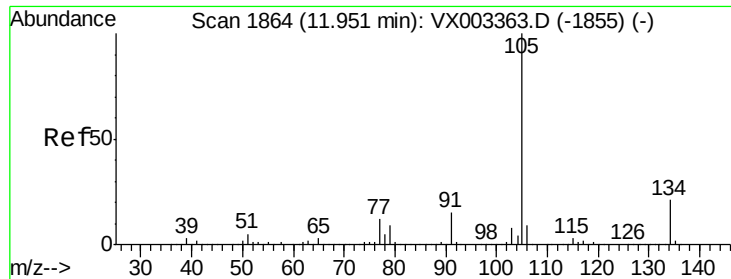
Tot Ion:119 Resp: 723054
 Ion Ratio Lower Upper
 119 100
 91 56.7 30.3 90.9
 134 23.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 48.53 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

Tgt Ion:105 Resp: 763800
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 47.39 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

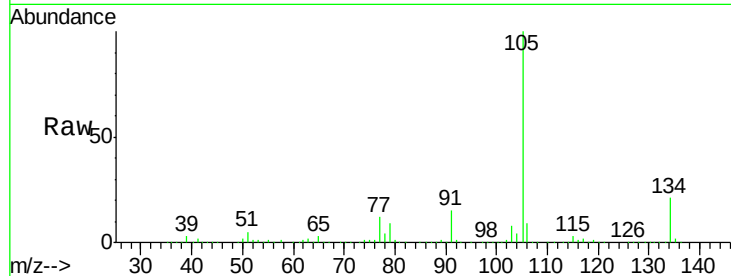
VSTDCCC050

Tot Ion:105 Resp: 870154

Ion Ratio Lower Upper

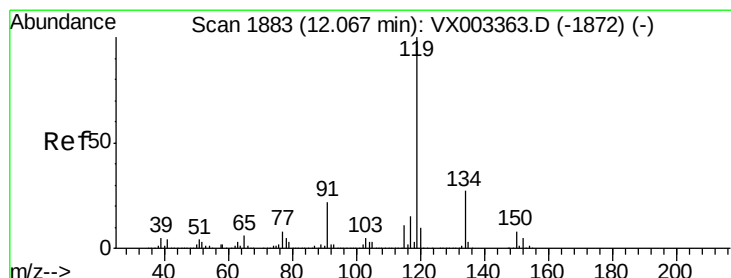
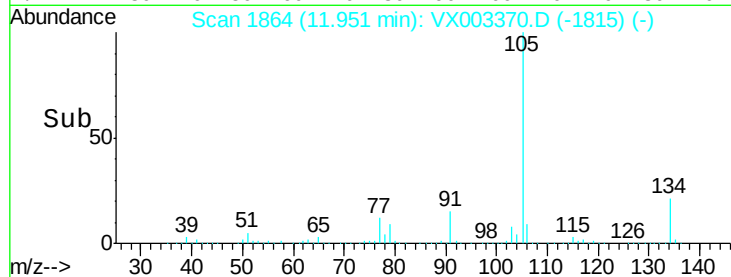
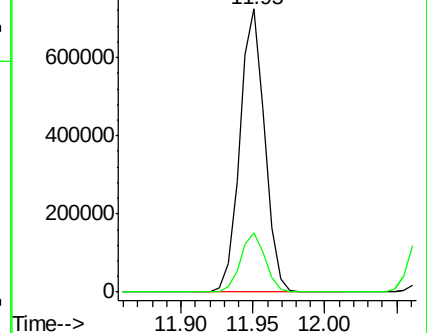
105 100

134 20.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.91 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

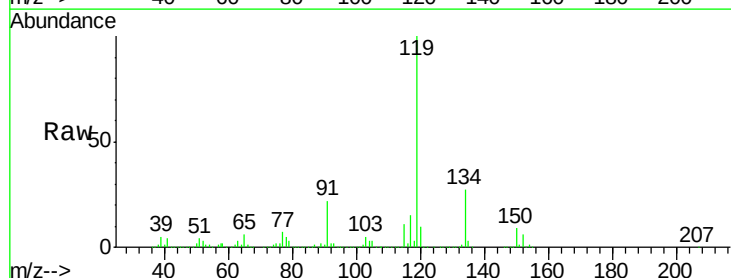
Tgt Ion:119 Resp: 786951

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

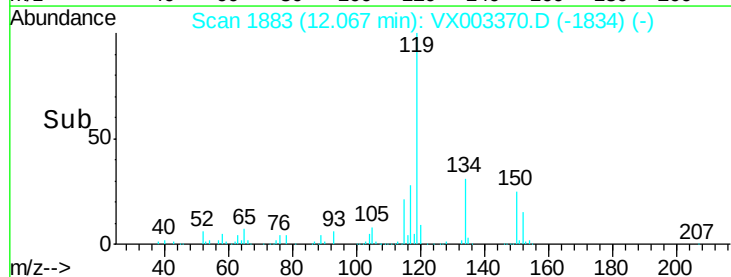
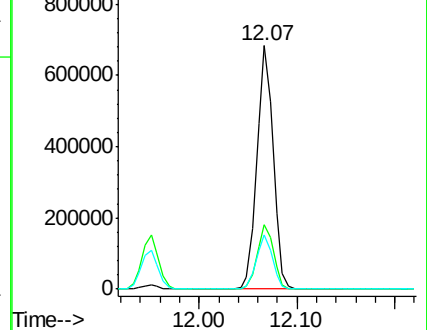
91 22.0 11.9 35.7

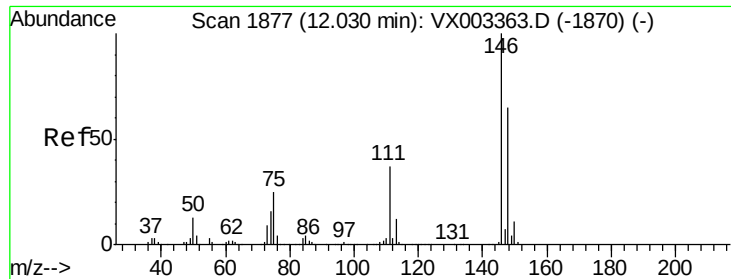


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

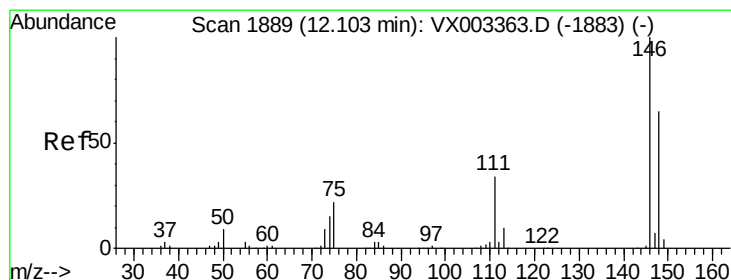
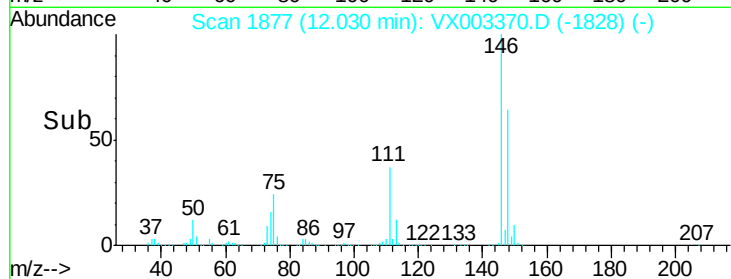
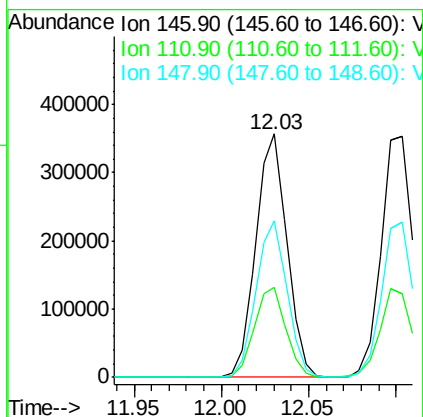
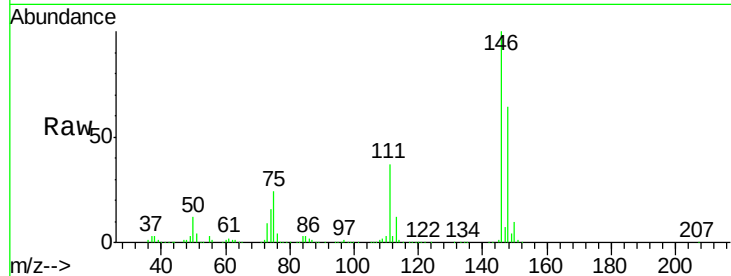




#87
 1,3-Dichlorobenzene
 Concen: 44.73 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

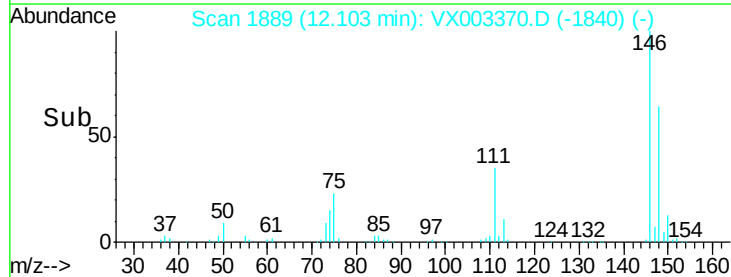
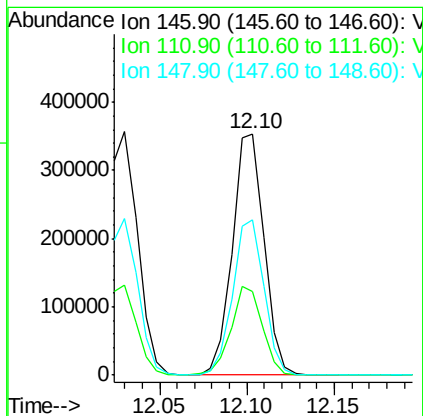
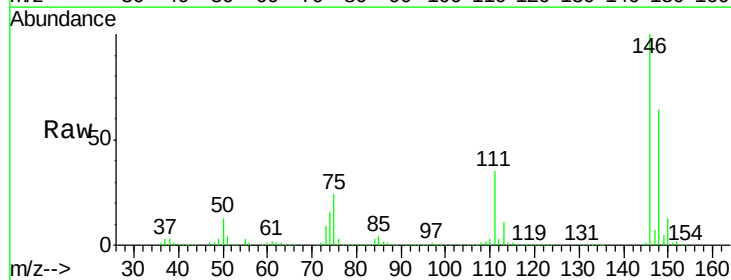
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

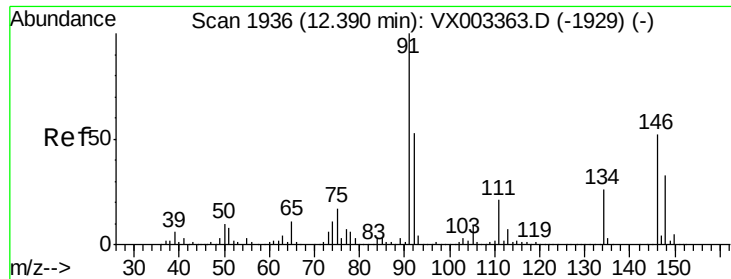
Tot Ion:146 Resp: 441841
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.9 56.7
 148 64.0 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 44.42 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

Tgt Ion:146 Resp: 445414
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.7 56.1
 148 63.8 32.4 97.0





#89

n-Butylbenzene

Concen: 47.51 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003370.D

Acq: 13 Jul 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

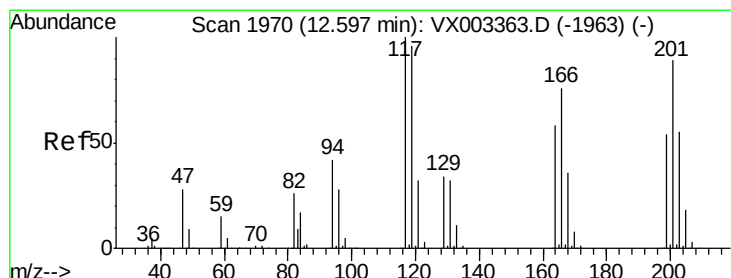
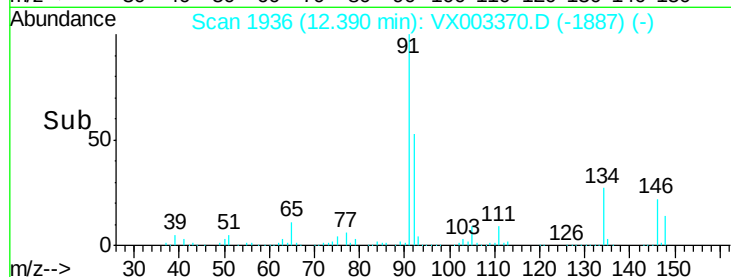
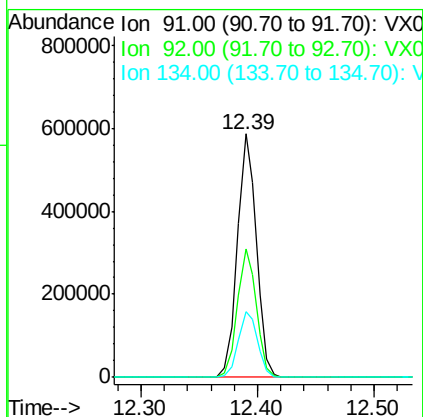
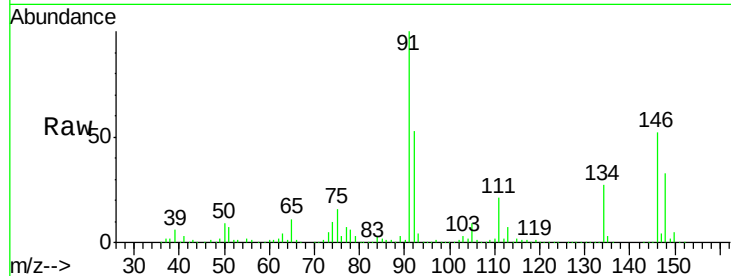
Tot Ion: 91 Resp: 667792

Ion Ratio Lower Upper

91 100

92 52.9 26.0 78.0

134 27.4 13.5 40.5



#90

Hexachloroethane

Concen: 46.84 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003370.D

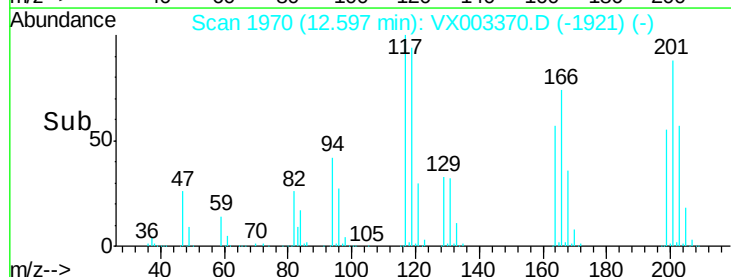
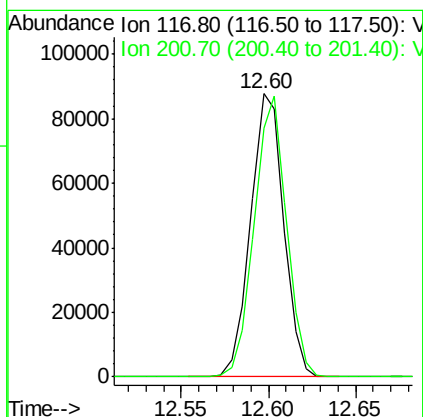
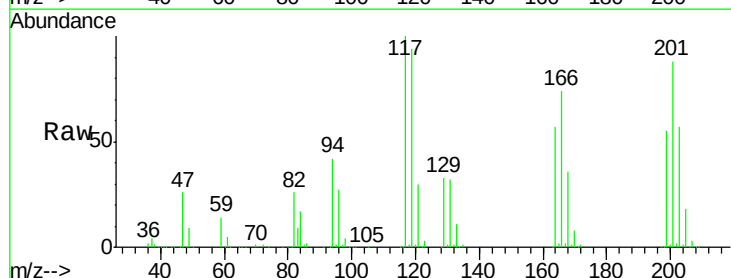
Acq: 13 Jul 2018 18:55

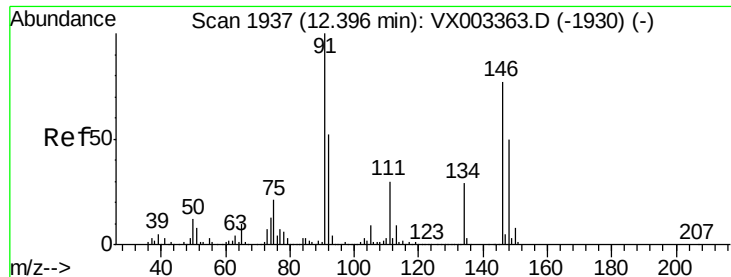
Tgt Ion: 117 Resp: 115318

Ion Ratio Lower Upper

117 100

201 96.3 49.0 147.0

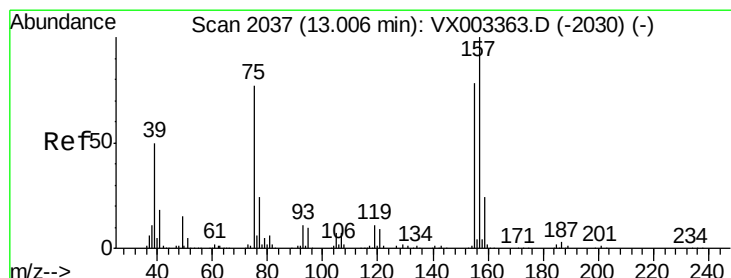
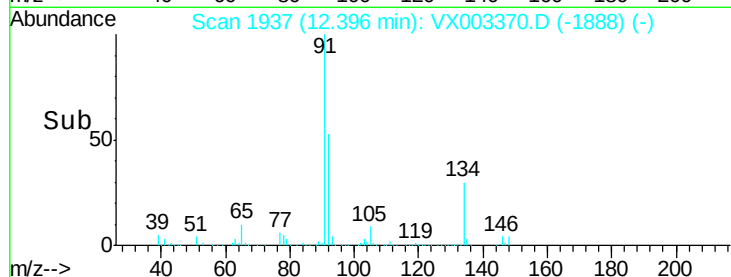
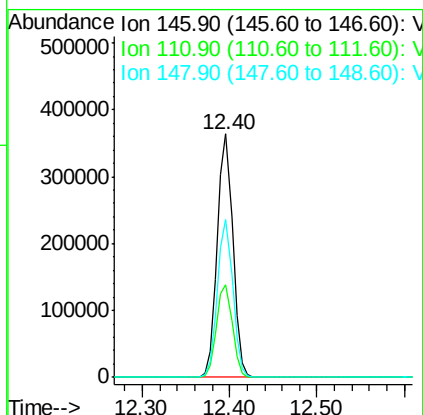
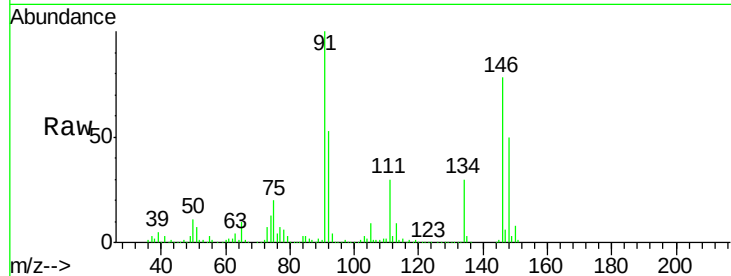




#91
1,2-Dichlorobenzene
Concen: 45.14 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

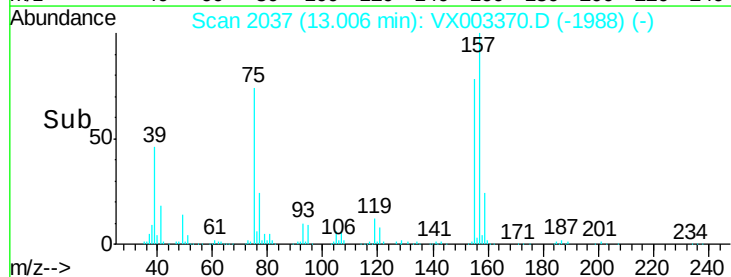
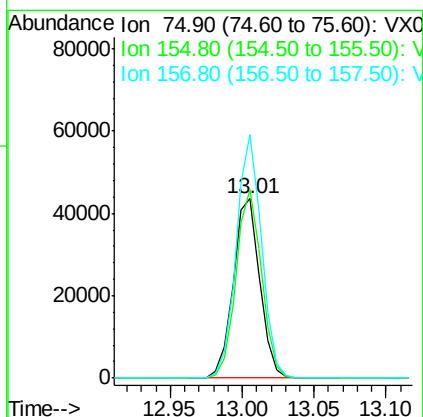
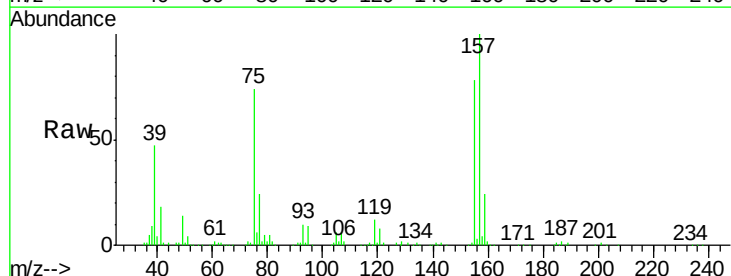
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

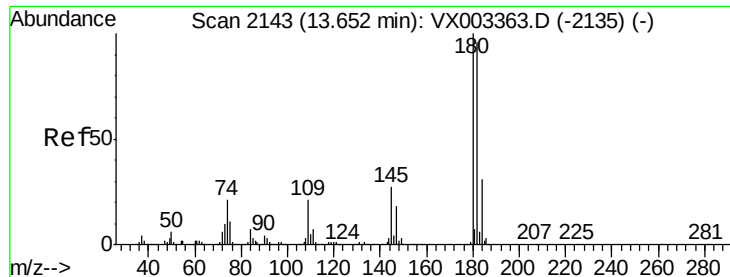
Tot Ion:146 Resp: 446162
Ion Ratio Lower Upper
146 100
111 38.6 19.4 58.1
148 63.9 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.43 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion: 75 Resp: 56266
Ion Ratio Lower Upper
75 100
155 100.4 45.8 137.4
157 128.4 60.1 180.3

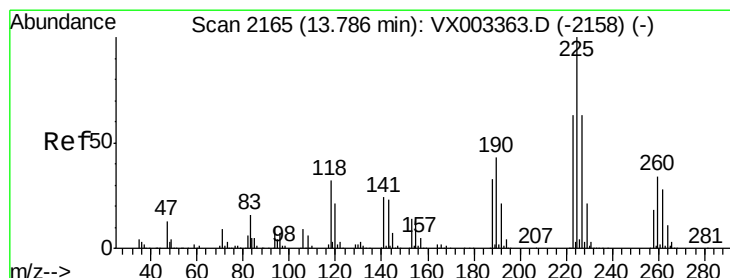
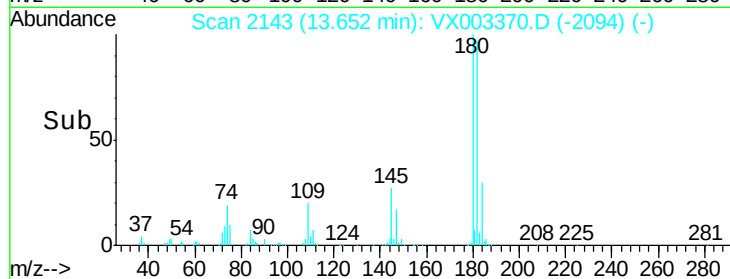
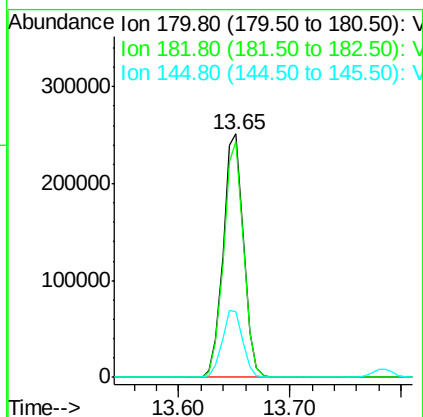
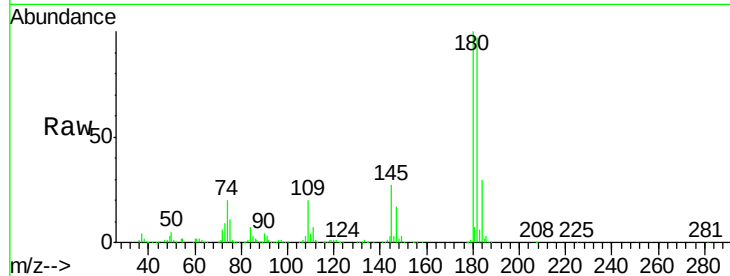




#93
 1,2,4-Trichlorobenzene
 Concen: 46.65 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

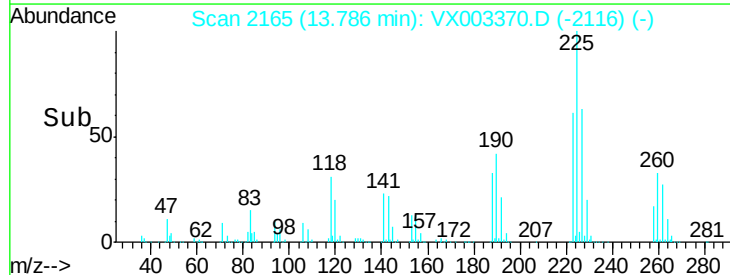
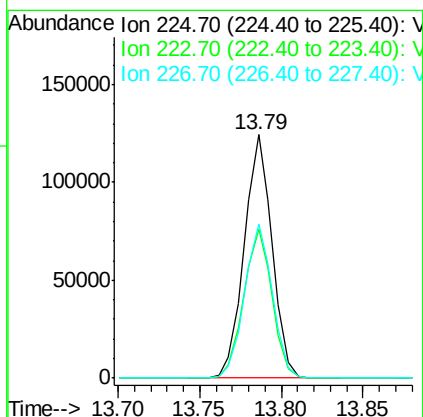
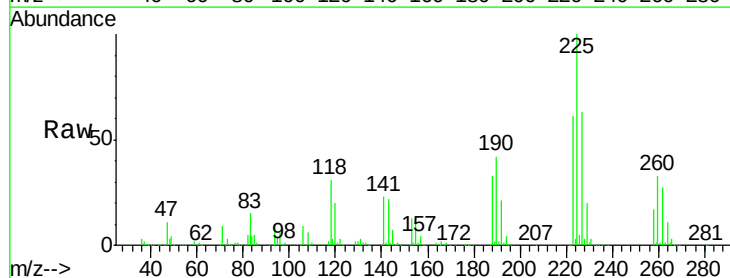
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

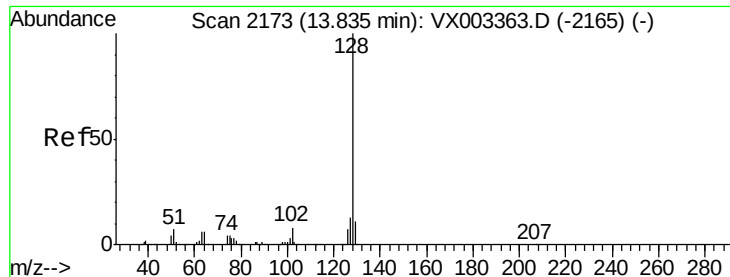
Tot Ion:180 Resp: 315440
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.7 143.1
 145 27.9 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 46.34 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003370.D
 Acq: 13 Jul 2018 18:55

Tgt Ion:225 Resp: 147864
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.6 95.0
 227 63.4 32.4 97.2

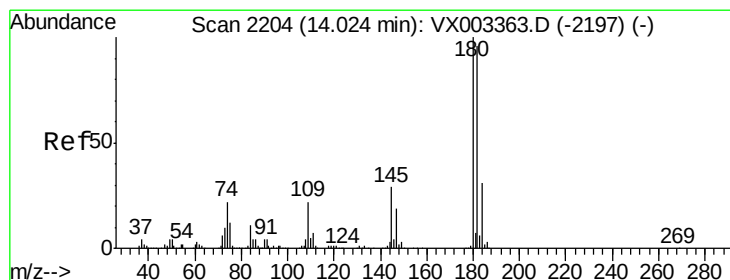
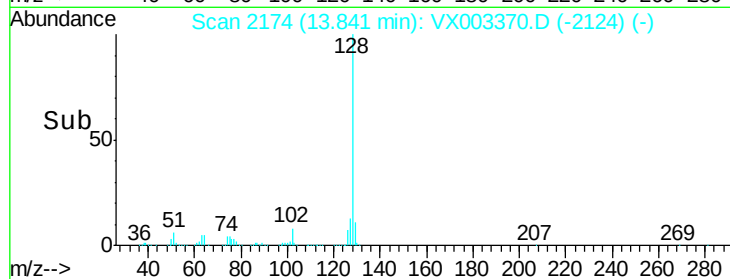
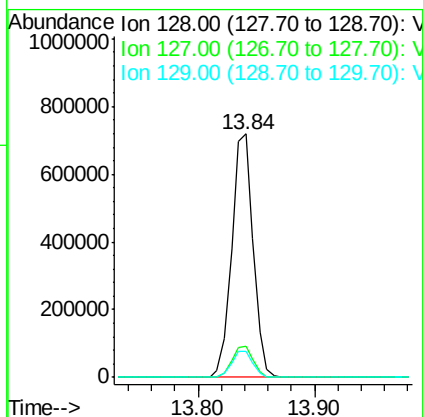
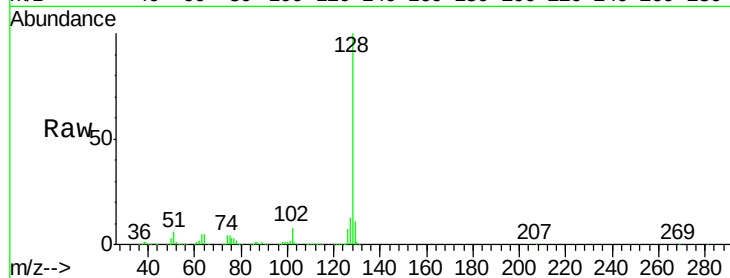




#95
Naphthalene
Concen: 48.33 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.01 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 915919
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 46.18 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003370.D
Acq: 13 Jul 2018 18:55

Tgt Ion:180 Resp: 315145
Ion Ratio Lower Upper
180 100
182 95.9 48.0 144.0
145 30.0 14.8 44.3

