

Data File : VX000432.D

Acq On : 23 Mar 2018 17:23

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 24 05:56:36 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M

Quant Title : SW846 8260

QLast Update : Wed Mar 21 04:52:42 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	134062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	210515	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	222286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133518	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	84327	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
35) Dibromofluoromethane	5.51	113	68029	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
50) Toluene-d8	8.73	98	277668	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
62) 4-Bromofluorobenzene	11.15	95	108848	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	64064	43.36	ug/l	99
3) Chloromethane	1.32	50	55656	35.76	ug/l	95
4) Vinyl Chloride	1.41	62	81006	49.25	ug/l	98
5) Bromomethane	1.64	94	46632	23.71	ug/l	99
6) Chloroethane	1.72	64	54053	54.79	ug/l	100
7) Trichlorofluoromethane	1.93	101	146184	49.24	ug/l	98
8) Diethyl Ether	2.19	74	51052	48.12	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	82814	50.03	ug/l	100
10) Methyl Iodide	2.51	142	20786	15.87	ug/l	99
11) Tert butyl alcohol	3.07	59	154864	257.27	ug/l	99
12) 1,1-Dichloroethene	2.38	96	71300	49.07	ug/l	96
13) Acrolein	2.30	56	41766	219.21	ug/l	98
14) Allyl chloride	2.73	41	130883	51.00	ug/l	98
15) Acrylonitrile	3.15	53	301401	247.22	ug/l	100
16) Acetone	2.45	43	381815	262.28	ug/l	96
17) Carbon Disulfide	2.57	76	184058	47.62	ug/l	100
18) Methyl Acetate	2.78	43	157277	51.53	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	265818	49.46	ug/l	99
20) Methylene Chloride	2.86	84	87383	51.97	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	75772	46.75	ug/l	92
22) Diisopropyl ether	3.88	45	253630	55.84	ug/l	99
23) Vinyl Acetate	3.83	43	1229456	285.50	ug/l	99
24) 1,1-Dichloroethane	3.70	63	146058	51.14	ug/l	99
25) 2-Butanone	4.71	43	402504	245.98	ug/l	100
26) 2,2-Dichloropropane	4.59	77	100130	50.02	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	70768	46.71	ug/l	99
28) Bromochloromethane	5.03	49	56777	48.21	ug/l	99
29) Tetrahydrofuran	5.18	42	244343	242.70	ug/l	99
30) Chloroform	5.23	83	132031	49.33	ug/l	98
31) Cyclohexane	5.59	56	101207	45.84	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	116006	48.04	ug/l	99
36) 1,1-Dichloropropene	5.81	75	96002	48.68	ug/l	99
37) Ethyl Acetate	4.87	43	130565	48.47	ug/l	100
38) Carbon Tetrachloride	5.79	117	103180	49.88	ug/l	96

Data File : VX000432.D

Acq On : 23 Mar 2018 17:23

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Quant Time: Mar 24 05:56:36 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M

Quant Title : SW846 8260

QLast Update : Wed Mar 21 04:52:42 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	118174	49.28	ug/l	98
40) Benzene	6.15	78	283725	49.55	ug/l	99
41) Methacrylonitrile	5.07	41	68823	48.46	ug/l	99
42) 1,2-Dichloroethane	6.21	62	111624	49.68	ug/l	100
43) Isopropyl Acetate	6.48	43	203116	50.66	ug/l	98
44) Trichloroethene	7.22	130	79069	48.20	ug/l	99
45) 1,2-Dichloropropane	7.52	63	73941	50.44	ug/l	98
46) Dibromomethane	7.67	93	56931	49.48	ug/l	98
47) Bromodichloromethane	7.91	83	107293	53.00	ug/l	94
48) Methyl methacrylate	7.79	41	100891	51.83	ug/l	99
49) 1,4-Dioxane	7.77	88	44233	1081.06	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	821536	264.71	ug/l	99
52) Toluene	8.79	92	203922	50.94	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	122517	52.23	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	121635	53.46	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	83807	50.91	ug/l	97
56) Ethyl methacrylate	9.19	69	132044	52.93	ug/l	99
57) 1,3-Dichloropropane	9.38	76	137259	52.13	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	313406	261.76	ug/l	99
59) 2-Hexanone	9.51	43	706497	268.10	ug/l	99
60) Dibromochloromethane	9.59	129	91453	47.19	ug/l	100
61) 1,2-Dibromoethane	9.68	107	93231	52.81	ug/l	98
64) Tetrachloroethene	9.34	164	78019	45.23	ug/l	95
65) Chlorobenzene	10.15	112	235942	47.70	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	84402	50.24	ug/l	98
67) Ethyl Benzene	10.26	91	409196	48.80	ug/l	99
68) m/p-Xylenes	10.37	106	324394	98.31	ug/l	99
69) o-Xylene	10.71	106	155783	48.76	ug/l	98
70) Styrene	10.72	104	262856	49.72	ug/l	99
71) Bromoform	10.87	173	72306	42.13	ug/l #	96
73) Isopropylbenzene	11.02	105	437648	49.47	ug/l	99
74) N-amyl acetate	6.48	43	203116	52.86	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	154663	49.43	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	178250	62.12	ug/l	84
77) Bromobenzene	11.26	156	107552	45.64	ug/l	98
78) n-propylbenzene	11.37	91	520656	49.36	ug/l	99
79) 2-Chlorotoluene	11.43	91	288389	47.33	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	379077	50.96	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	44332	50.02	ug/l	95
82) 4-Chlorotoluene	11.52	91	353221	48.55	ug/l	97
83) tert-Butylbenzene	11.78	119	374679	49.94	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	398022	51.04	ug/l	100
85) sec-Butylbenzene	11.96	105	476493	51.33	ug/l	100
86) p-Isopropyltoluene	12.07	119	429476	52.10	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	214455	48.13	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	222057	47.47	ug/l	97
89) n-Butylbenzene	12.40	91	401294	52.28	ug/l	99
90) Hexachloroethane	12.60	117	69246	53.37	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	216810	49.63	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	45034	51.61	ug/l	94

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032318\
Quantitation Report (Not Reviewed)

Data File : VX000432.D
Acq On : 23 Mar 2018 17:23
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 24 05:56:36 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

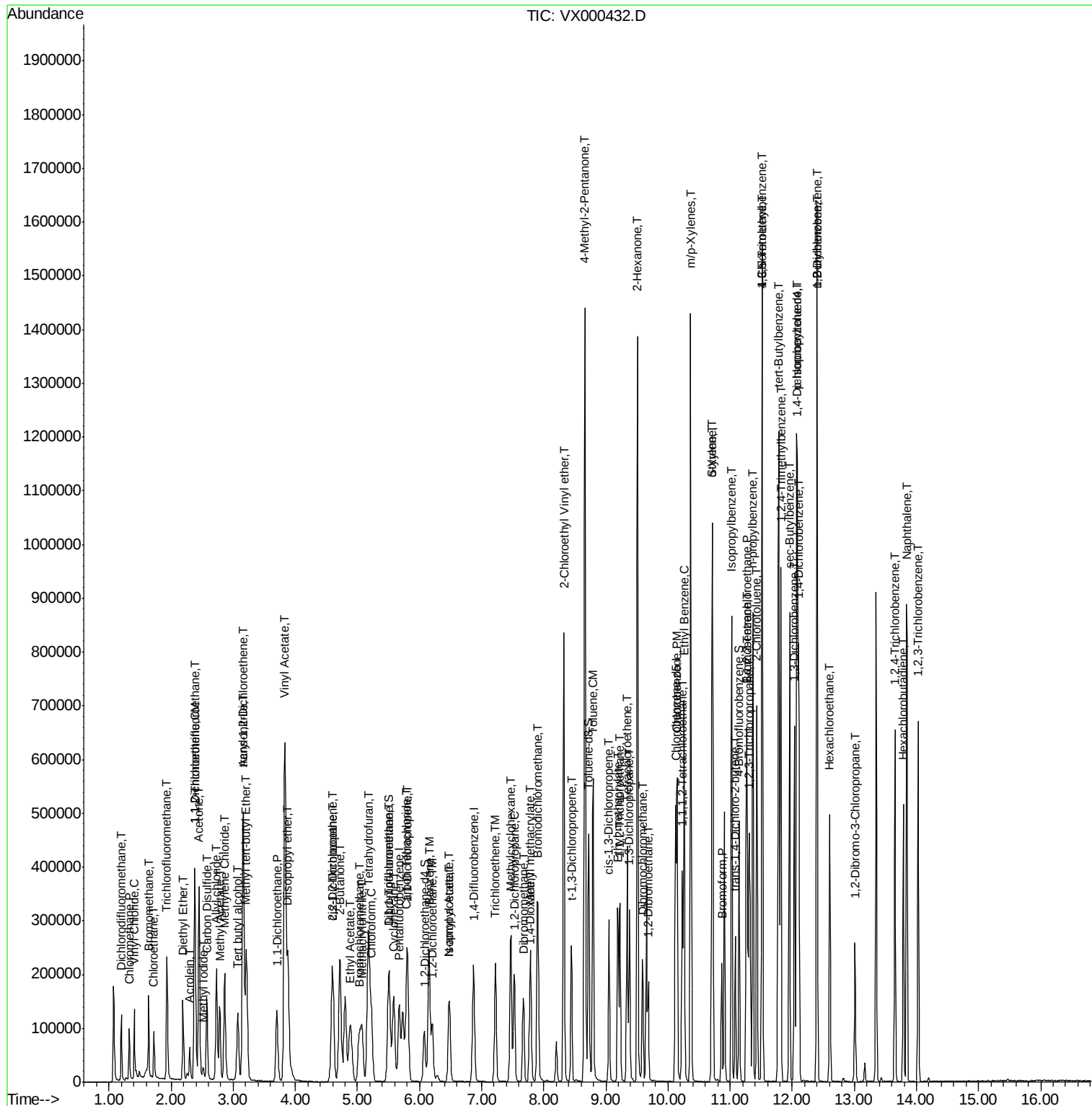
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	146011	46.62	ug/l	99
94) Hexachlorobutadiene	13.79	225	67126	51.76	ug/l	98
95) Naphthalene	13.84	128	546818	50.12	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	152734	49.35	ug/l	99

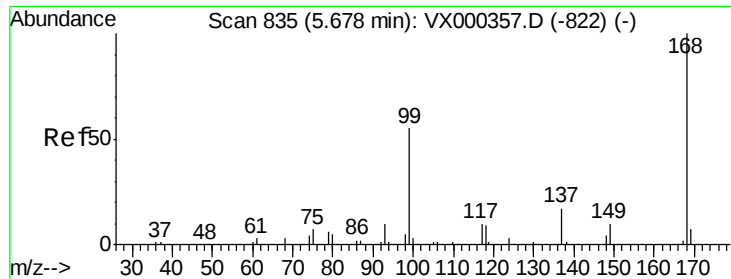
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
ALS Vial      : 12      Sample Multiplier: 1
```

NOTES

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

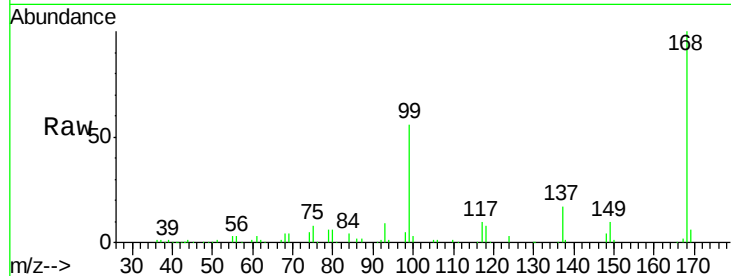
VSTDCCC050EC

Tgt Ion:168 Resp: 134062

Ion Ratio Lower Upper

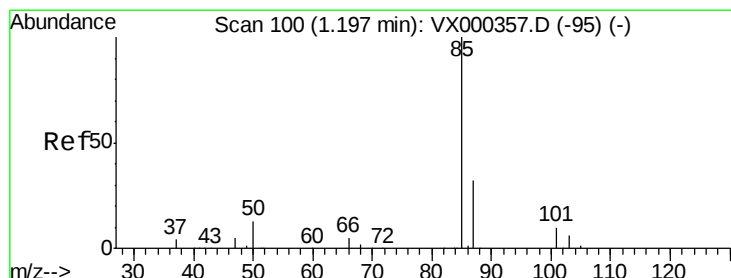
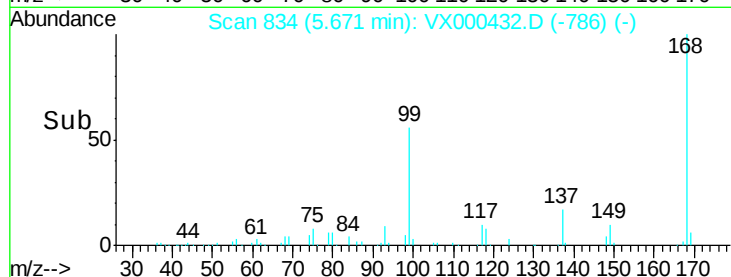
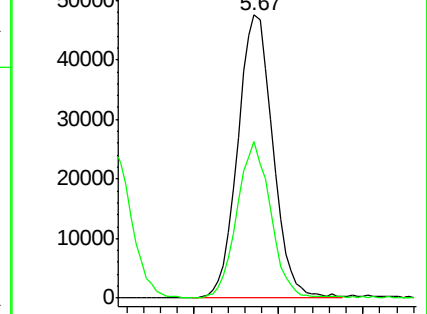
168 100

99 55.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 43.36 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000432.D

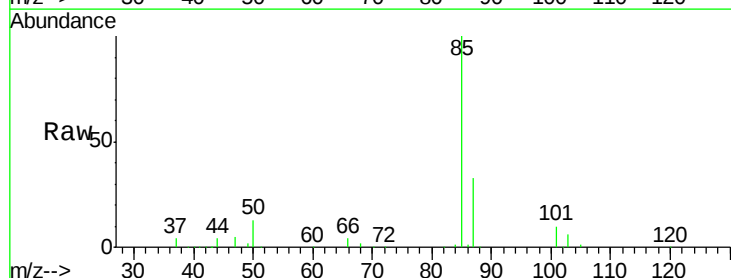
Acq: 23 Mar 2018 17:23

Tgt Ion: 85 Resp: 64064

Ion Ratio Lower Upper

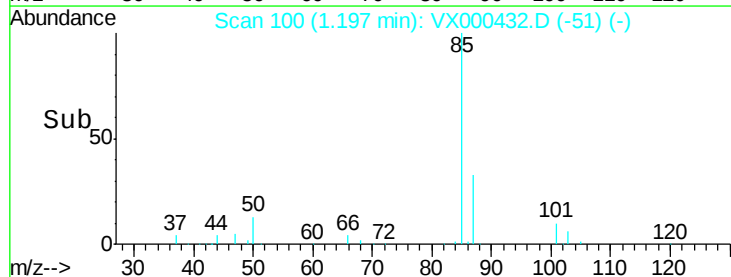
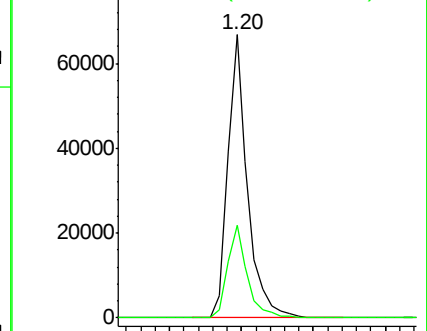
85 100

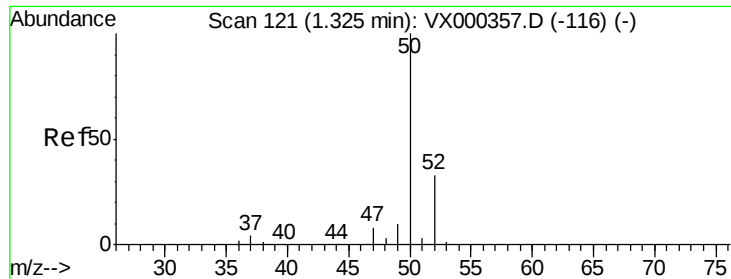
87 32.9 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 35.76 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

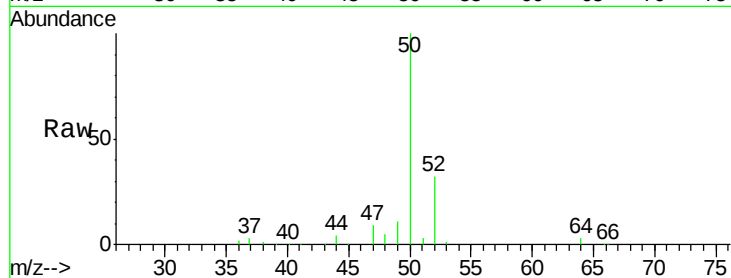
VSTDCCC050EC

Tgt Ion: 50 Resp: 55656

Ion Ratio Lower Upper

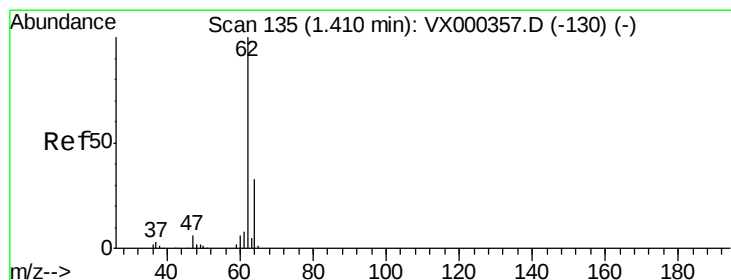
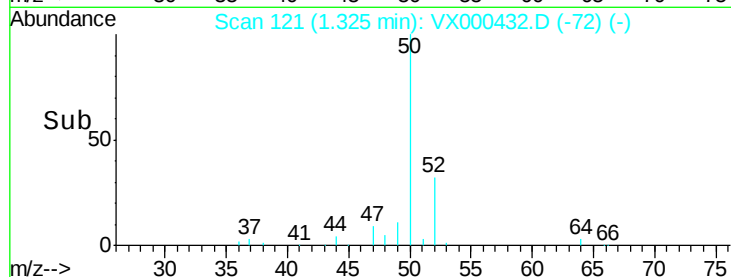
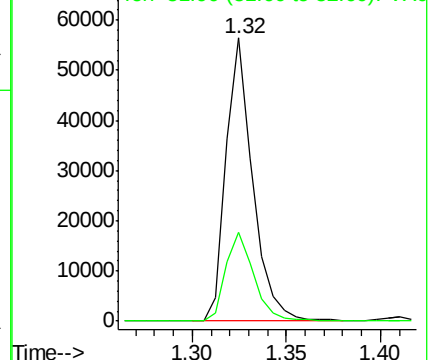
50 100

52 31.5 27.5 41.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.25 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000432.D

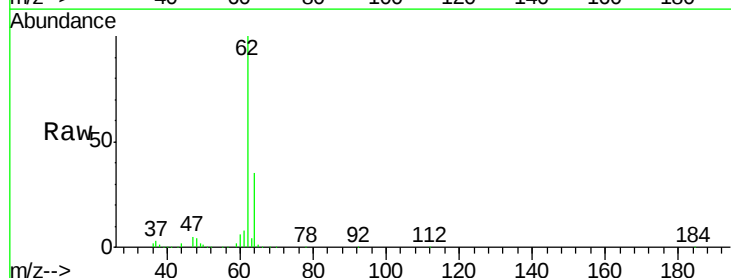
Acq: 23 Mar 2018 17:23

Tgt Ion: 62 Resp: 81006

Ion Ratio Lower Upper

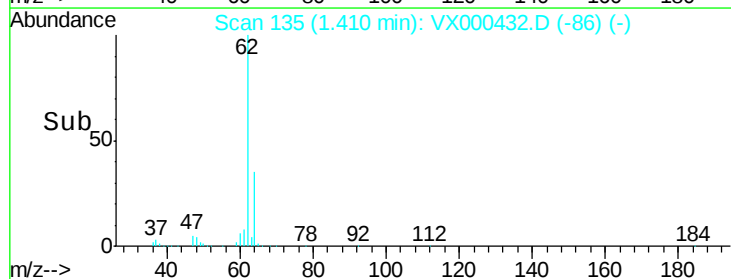
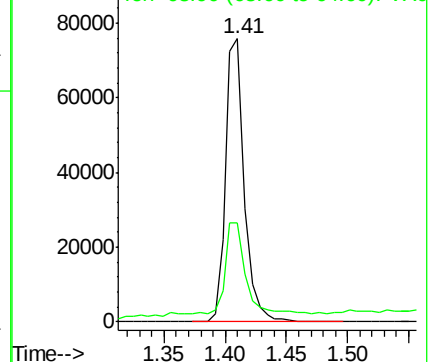
62 100

64 32.2 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 23.71 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

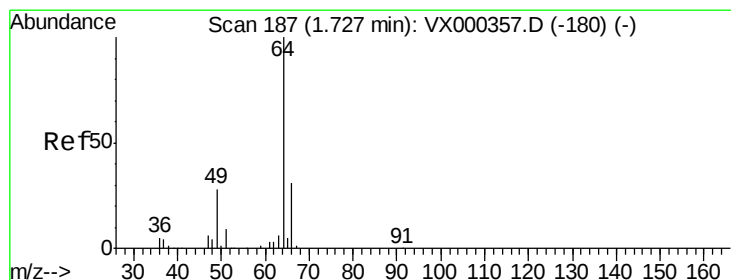
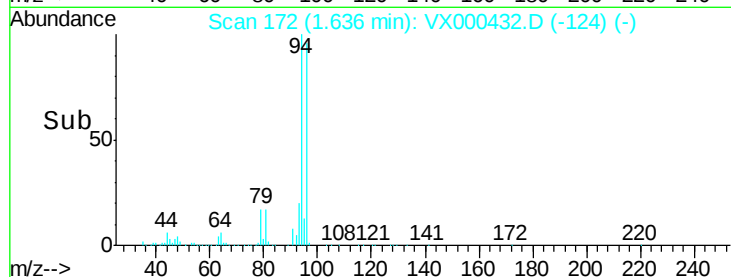
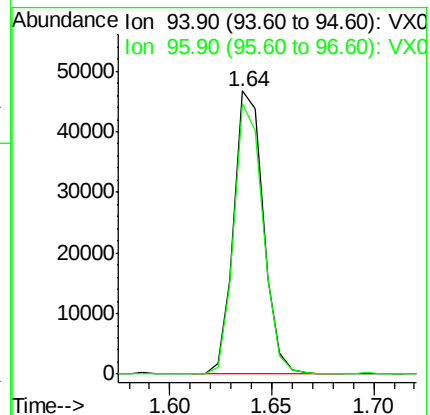
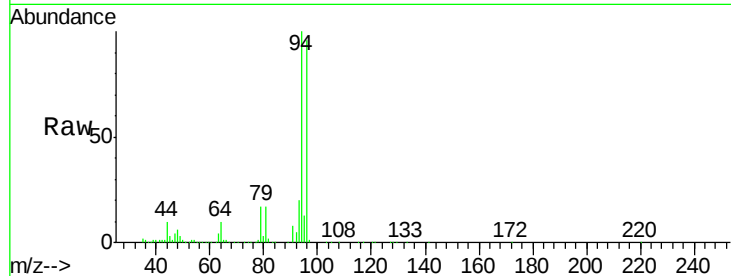
VSTDCCC050EC

Tgt Ion: 94 Resp: 46632

Ion Ratio Lower Upper

94 100

96 95.6 77.7 116.5



#6

Chloroethane

Concen: 54.79 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000432.D

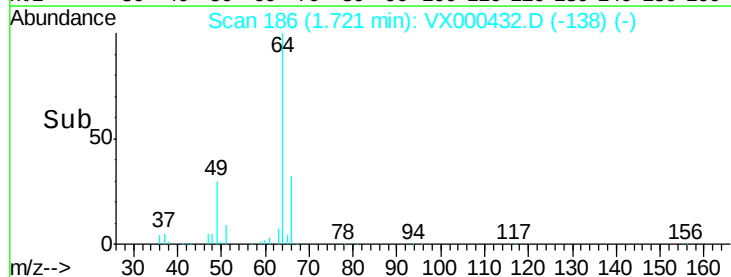
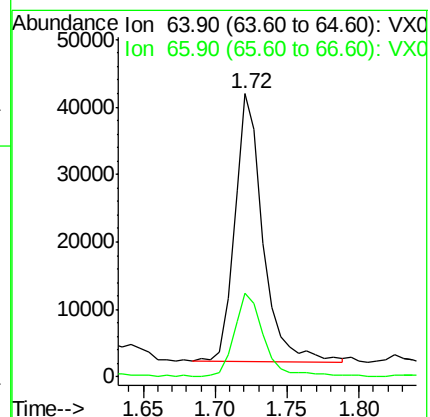
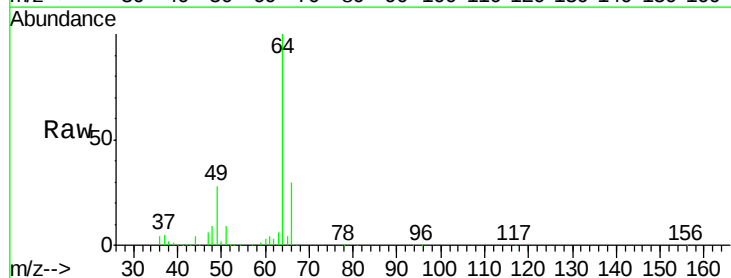
Acq: 23 Mar 2018 17:23

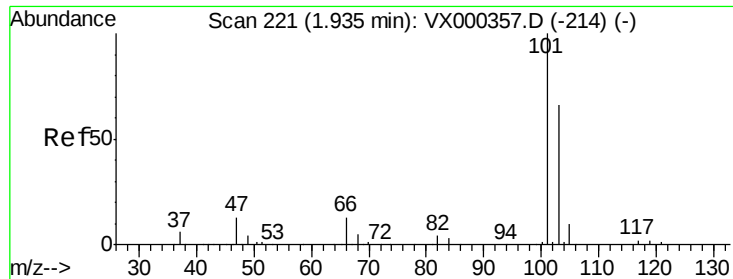
Tgt Ion: 64 Resp: 54053

Ion Ratio Lower Upper

64 100

66 31.1 24.8 37.2



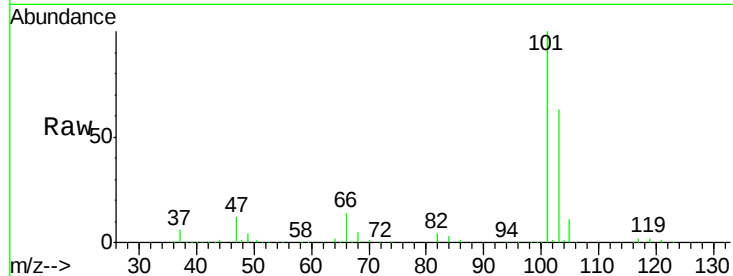


#7

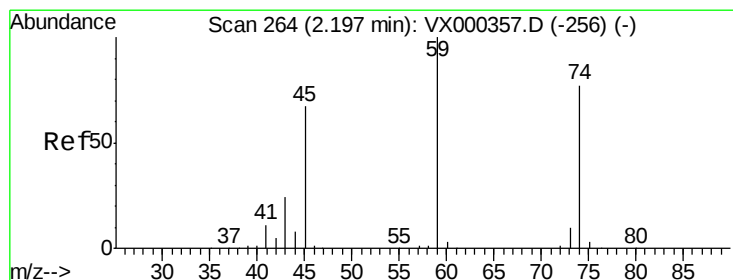
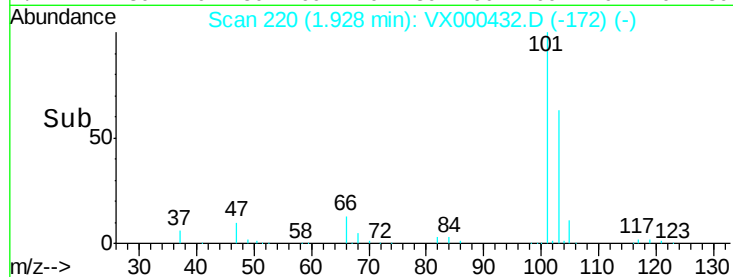
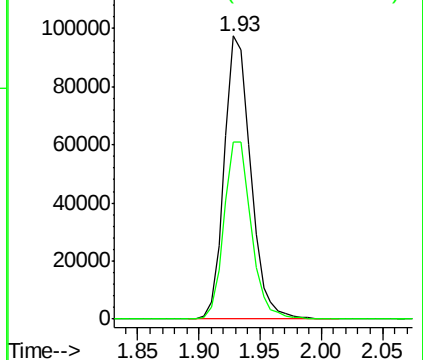
Trichlorofluoromethane
 Concen: 49.24 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VX000432.D
 Acq: 23 Mar 2018 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 146184
 Ion Ratio Lower Upper
 101 100
 103 62.7 51.6 77.4



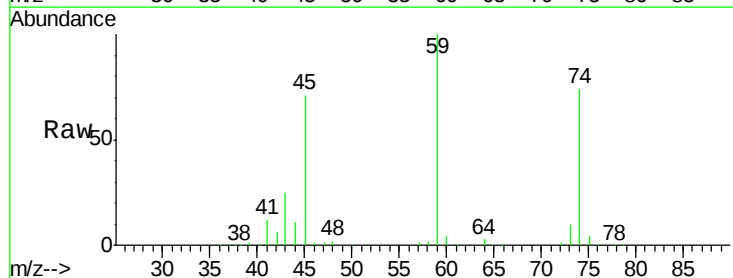
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



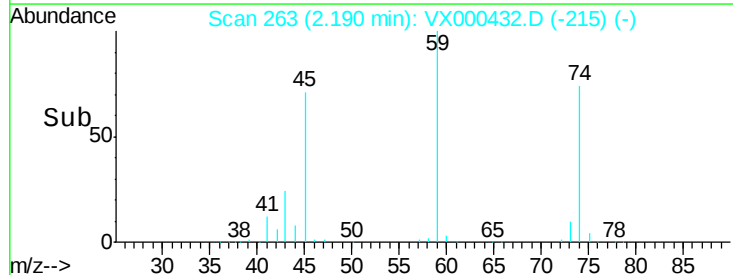
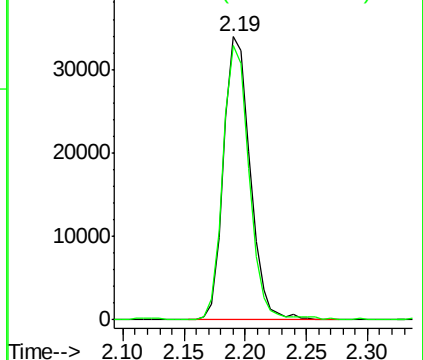
#8

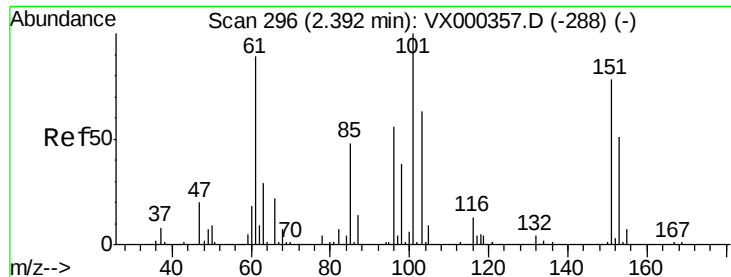
Diethyl Ether
 Concen: 48.12 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000432.D
 Acq: 23 Mar 2018 17:23

Tgt Ion: 74 Resp: 51052
 Ion Ratio Lower Upper
 74 100
 45 96.2 45.1 135.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.03 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

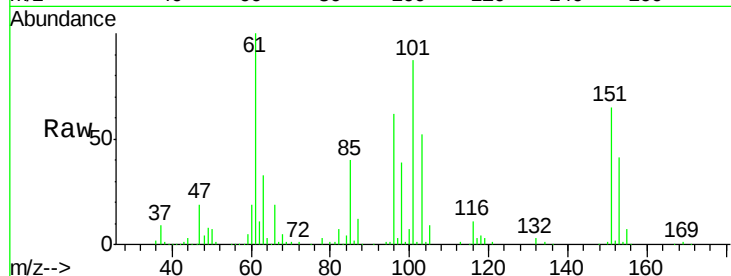
Tgt Ion:101 Resp: 82814

Ion Ratio Lower Upper

101 100

85 47.6 37.6 56.4

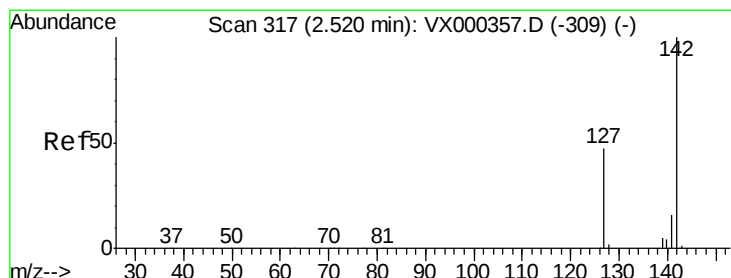
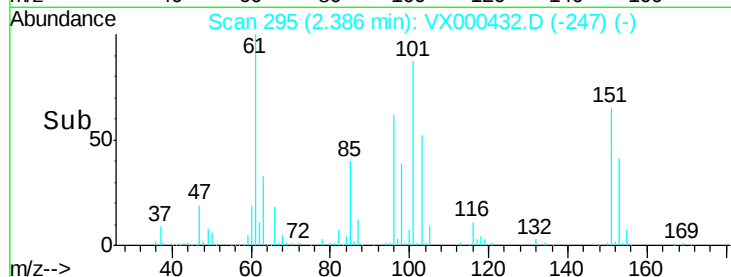
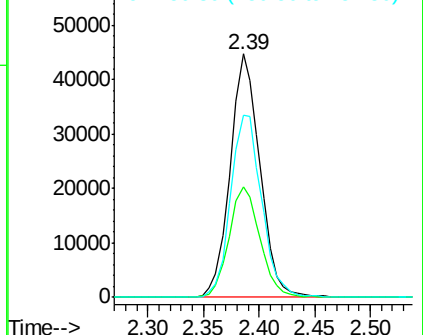
151 78.2 62.6 93.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.87 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

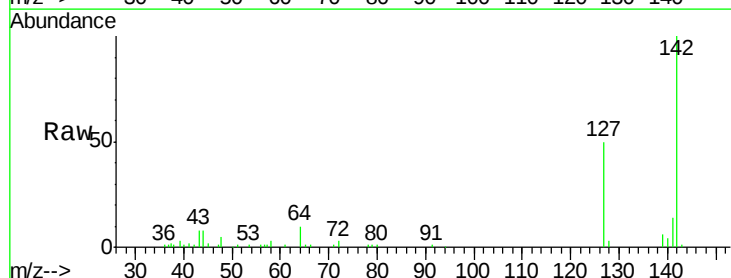
Tgt Ion:142 Resp: 20786

Ion Ratio Lower Upper

142 100

127 48.6 39.2 58.8

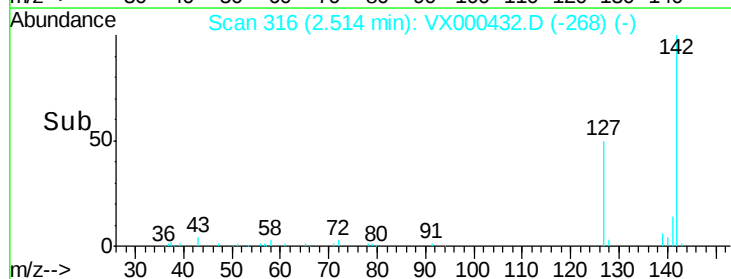
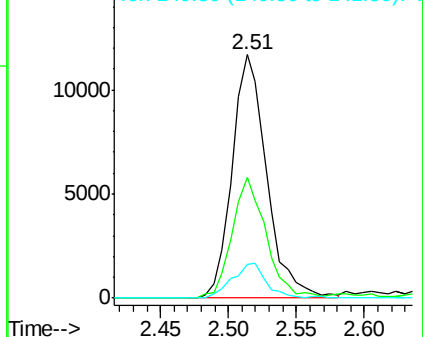
141 13.9 11.7 17.5

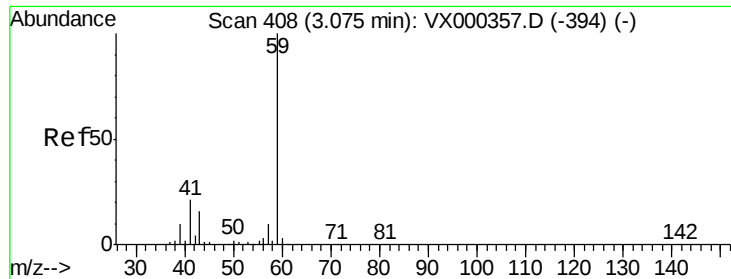


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

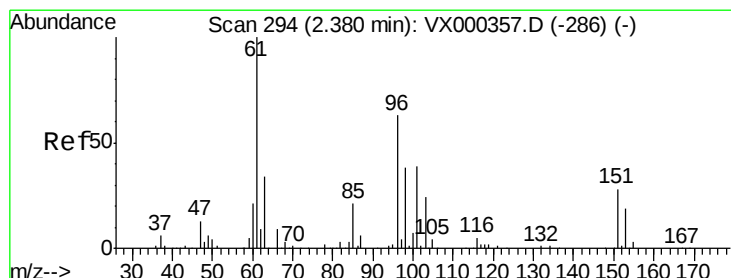
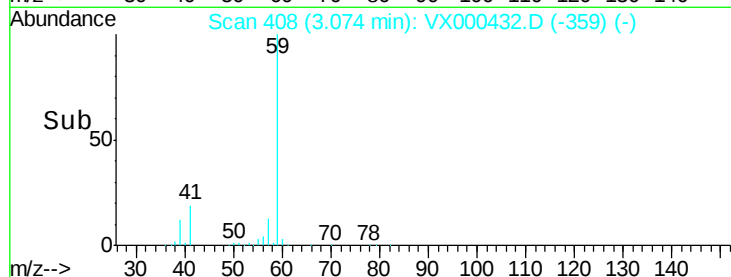
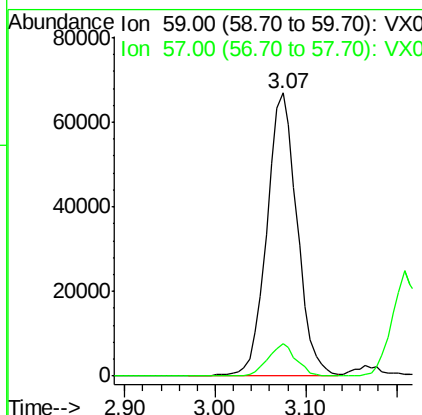
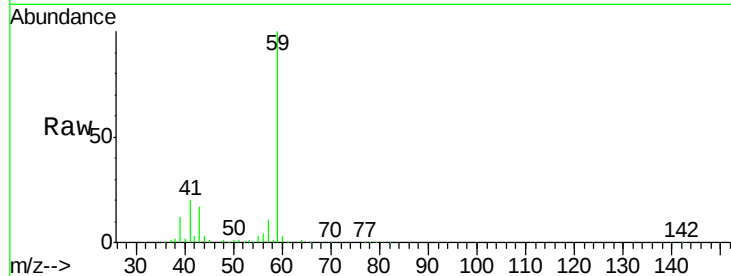




#11
Tert butyl alcohol
Concen: 257.27 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX000432.D
Acq: 23 Mar 2018 17:23

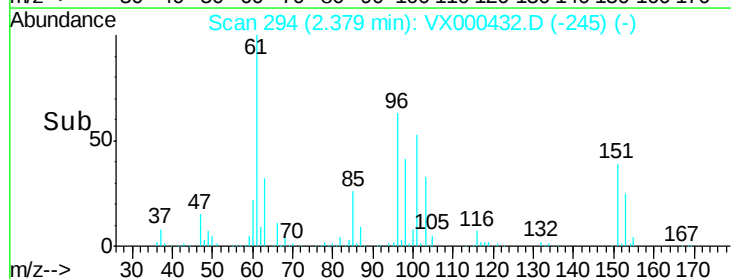
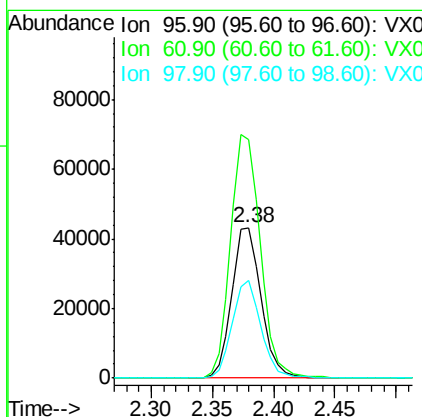
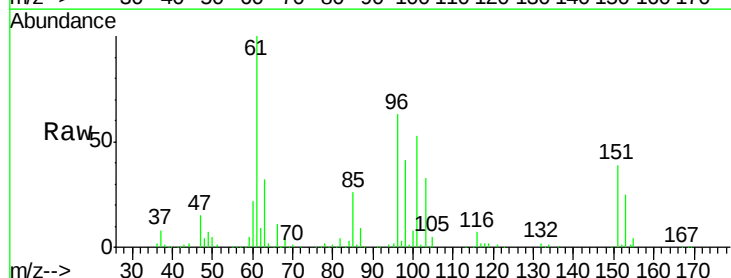
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

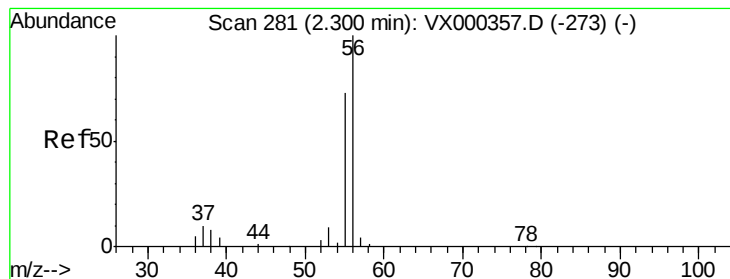
Tgt Ion: 59 Resp: 154864
Ion Ratio Lower Upper
59 100
57 10.8 8.4 12.6



#12
1,1-Dichloroethene
Concen: 49.07 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000432.D
Acq: 23 Mar 2018 17:23

Tgt Ion: 96 Resp: 71300
Ion Ratio Lower Upper
96 100
61 158.8 131.2 196.8
98 64.8 49.8 74.8





#13

Acrolein

Concen: 219.21 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

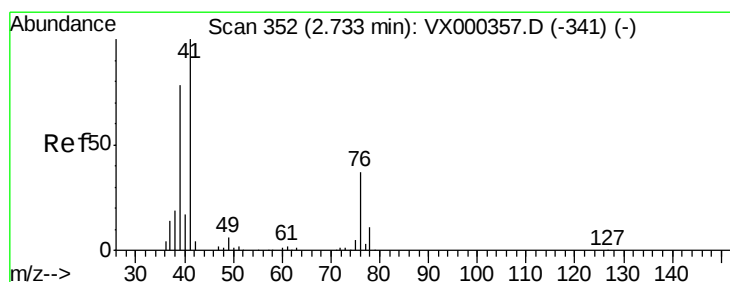
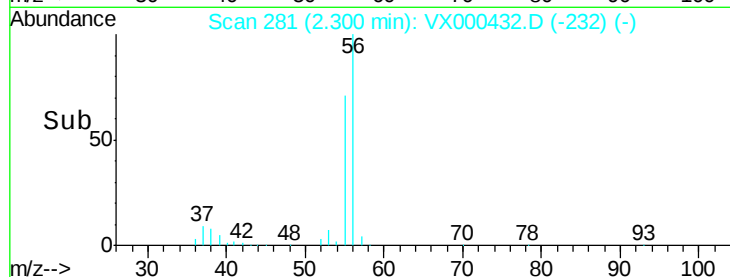
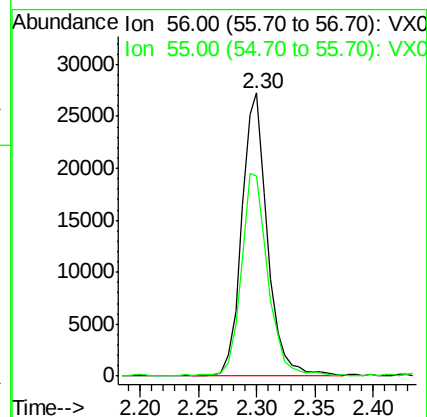
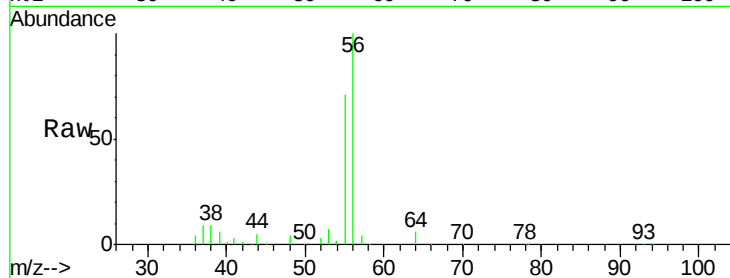
VSTDCCC050EC

Tgt Ion: 56 Resp: 41766

Ion Ratio Lower Upper

56 100

55 74.8 58.8 88.2



#14

Allyl chloride

Concen: 51.00 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

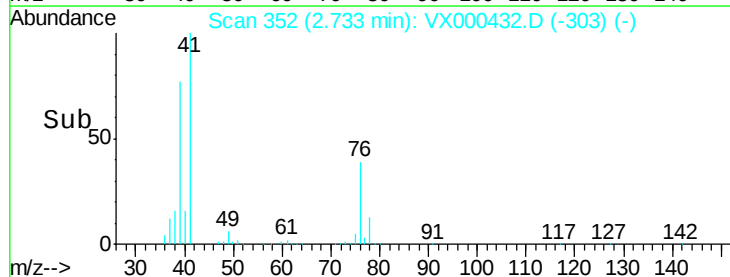
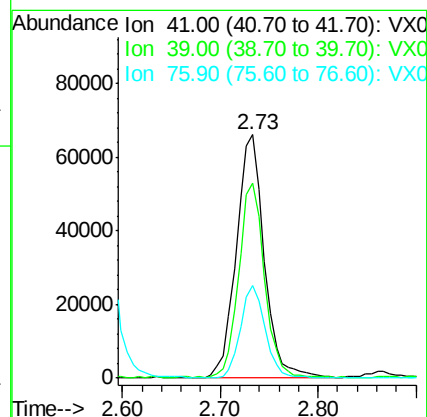
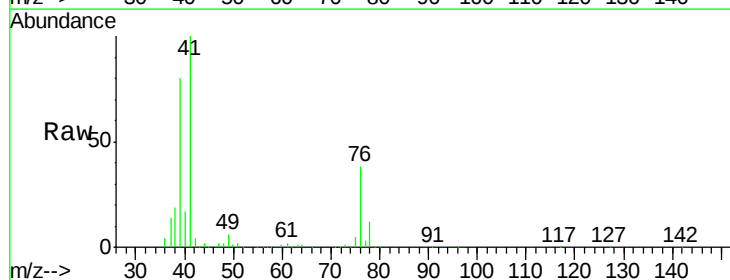
Tgt Ion: 41 Resp: 130883

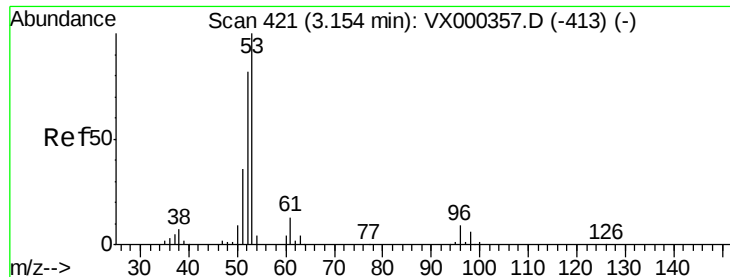
Ion Ratio Lower Upper

41 100

39 74.1 57.6 86.4

76 33.9 27.3 40.9





#15

Acrylonitrile

Concen: 247.22 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

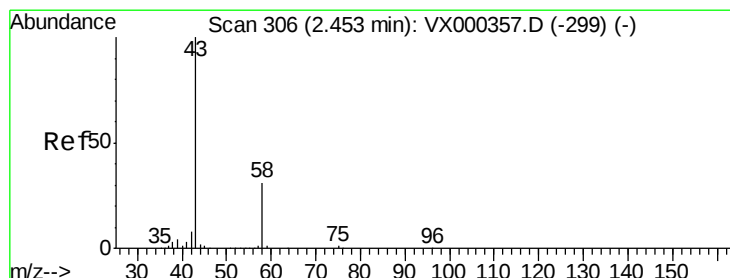
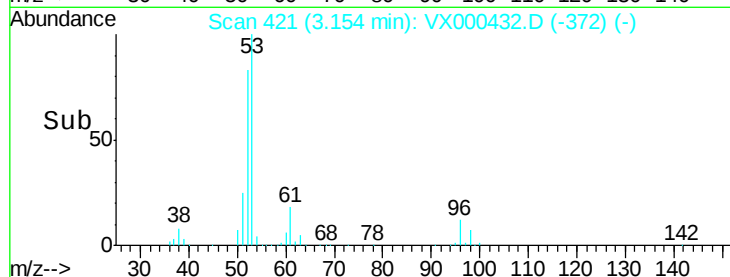
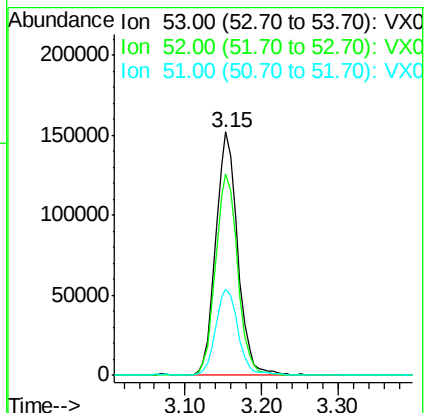
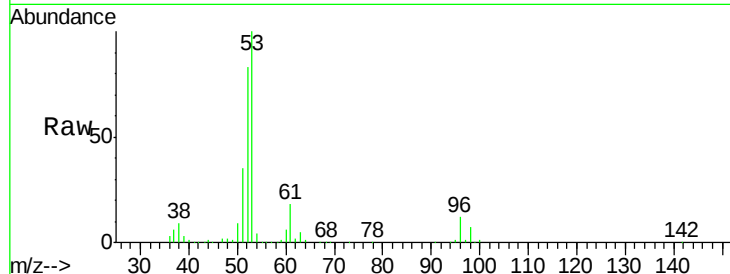
Tgt Ion: 53 Resp: 301401

Ion Ratio Lower Upper

53 100

52 83.5 66.6 99.8

51 36.8 29.3 43.9



#16

Acetone

Concen: 262.28 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000432.D

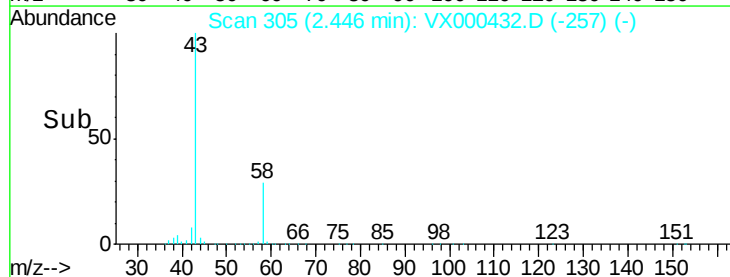
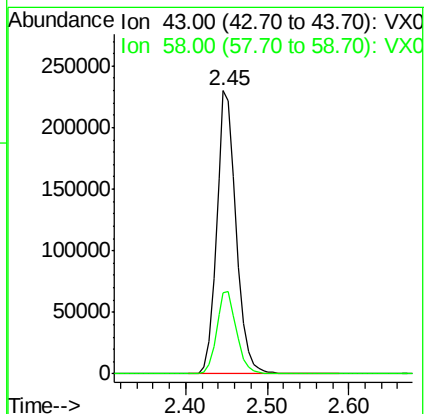
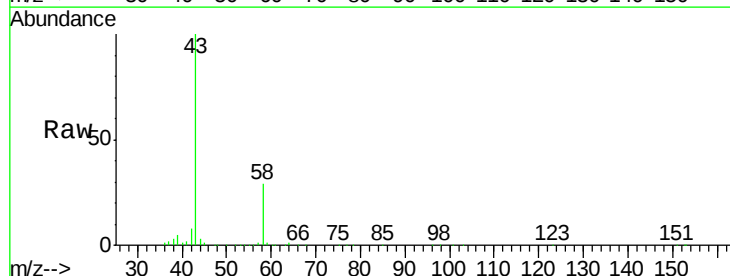
Acq: 23 Mar 2018 17:23

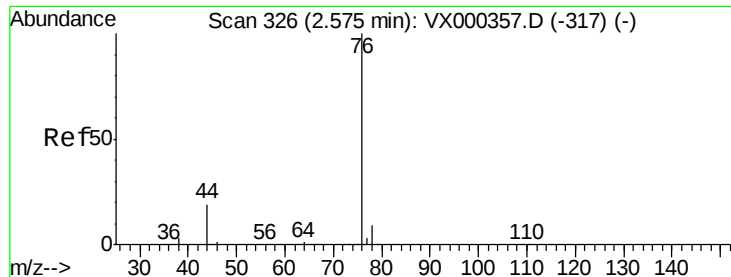
Tgt Ion: 43 Resp: 381815

Ion Ratio Lower Upper

43 100

58 28.7 24.7 37.1

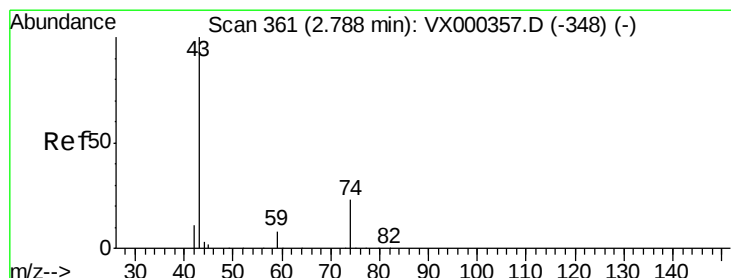
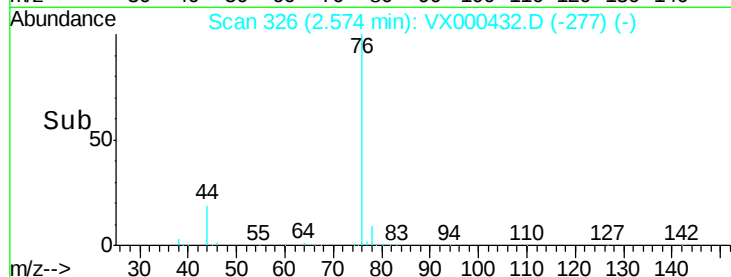
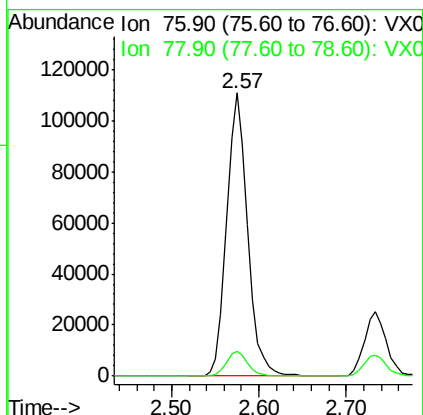
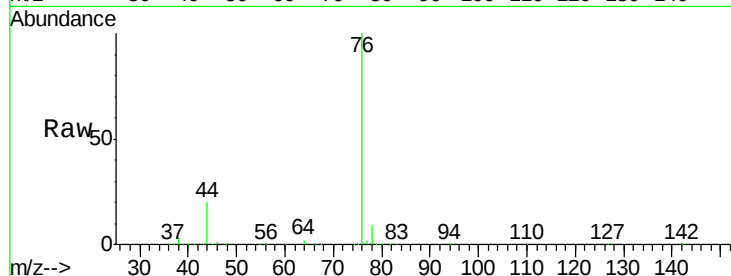




#17
Carbon Disulfide
Concen: 47.62 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000432.D
Acq: 23 Mar 2018 17:23

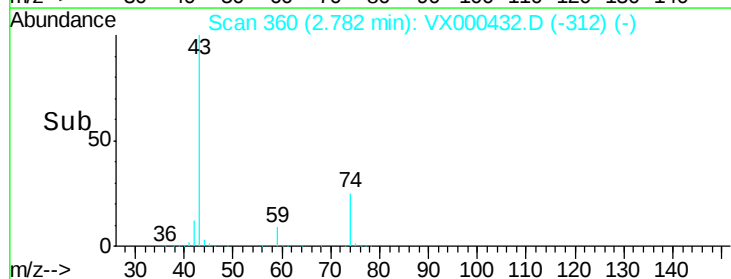
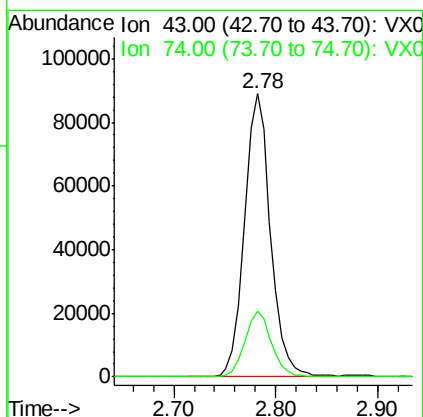
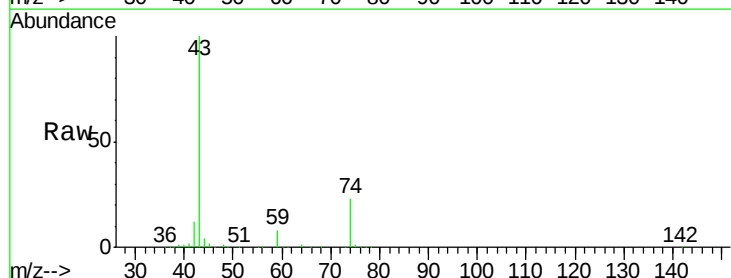
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

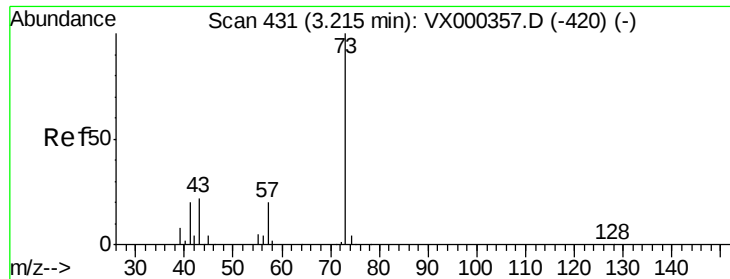
Tgt Ion: 76 Resp: 184058
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 51.53 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000432.D
Acq: 23 Mar 2018 17:23

Tgt Ion: 43 Resp: 157277
Ion Ratio Lower Upper
43 100
74 24.1 19.4 29.2

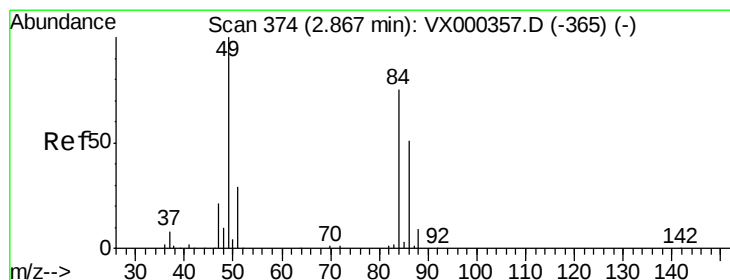
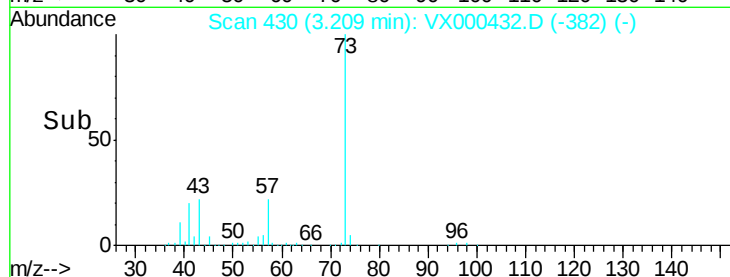
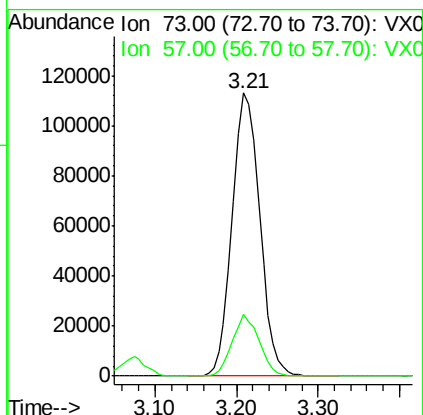
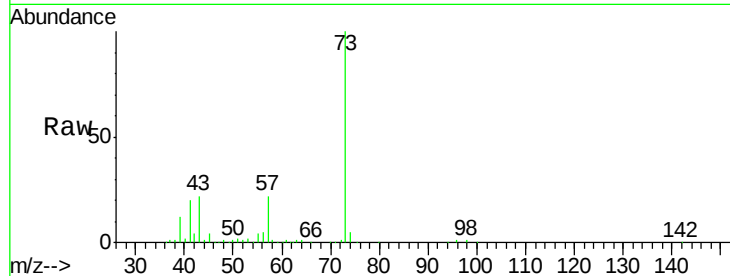




#19
Methyl tert-butyl Ether
Concen: 49.46 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000432.D
Acq: 23 Mar 2018 17:23

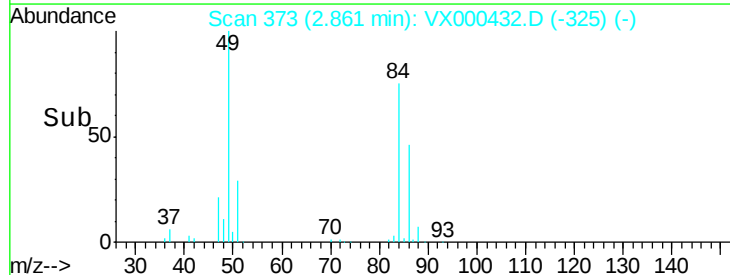
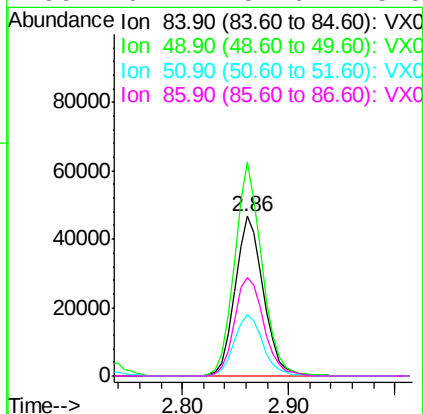
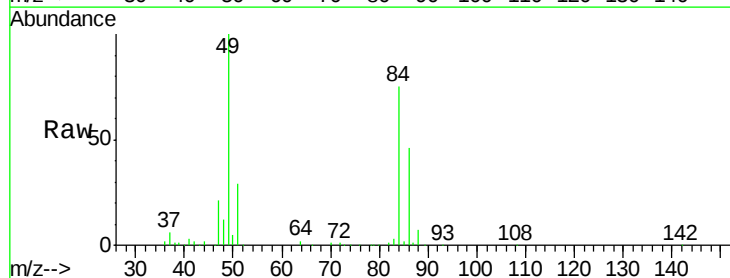
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 265818
Ion Ratio Lower Upper
73 100
57 21.9 17.2 25.8



#20
Methylene Chloride
Concen: 51.97 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000432.D
Acq: 23 Mar 2018 17:23

Tgt Ion: 84 Resp: 87383
Ion Ratio Lower Upper
84 100
49 133.8 100.6 151.0
51 38.6 31.6 47.4
86 61.4 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 46.75 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

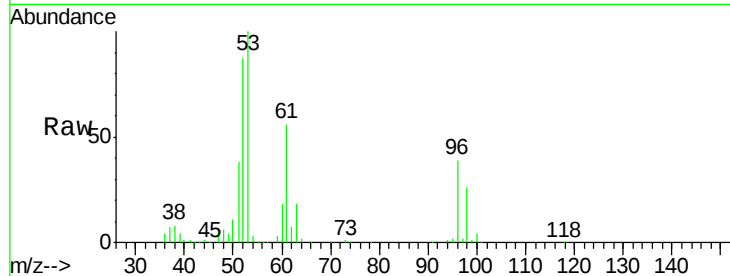
Tgt Ion: 96 Resp: 75772

Ion Ratio Lower Upper

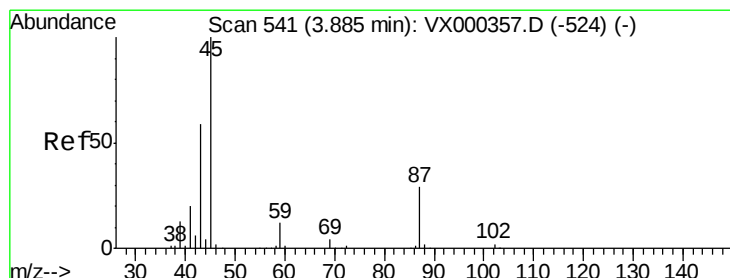
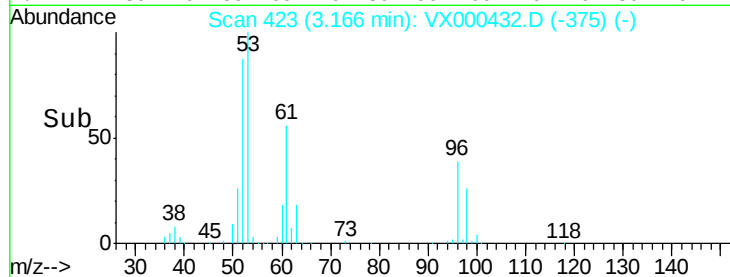
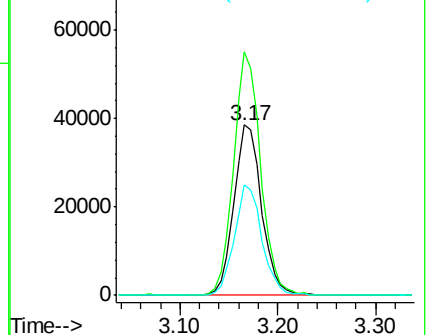
96 100

61 143.1 104.0 156.0

98 64.9 52.1 78.1



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



#22

Diisopropyl ether

Concen: 55.84 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

Tgt Ion: 45 Resp: 253630

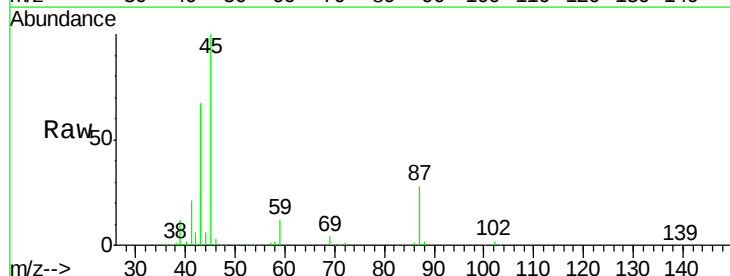
Ion Ratio Lower Upper

45 100

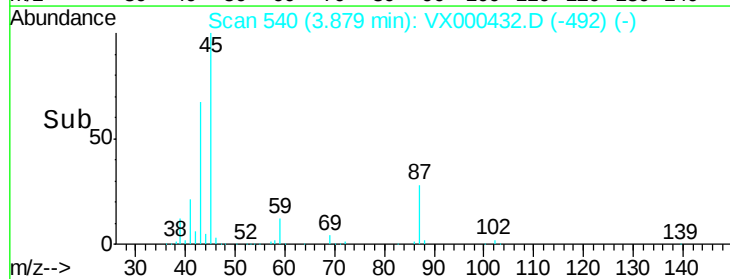
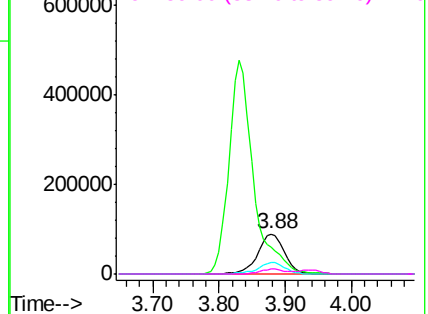
43 66.5 53.9 80.9

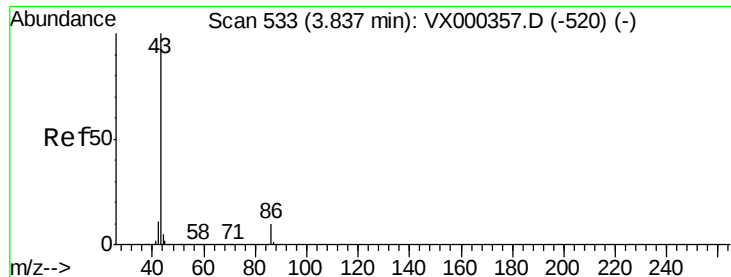
87 27.9 22.6 34.0

59 11.9 9.5 14.3



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: 285.50 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

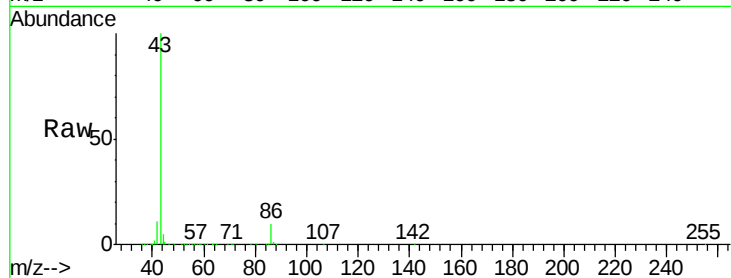
VSTDCCC050EC

Tgt Ion: 43 Resp: 1229456

Ion Ratio Lower Upper

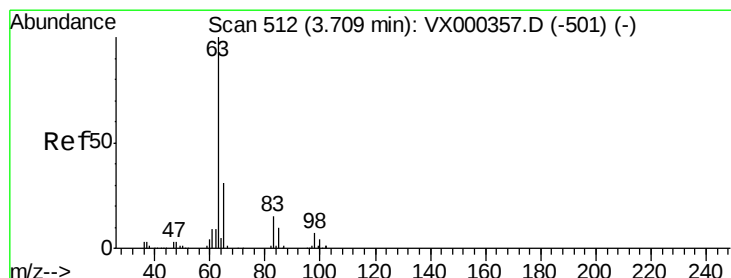
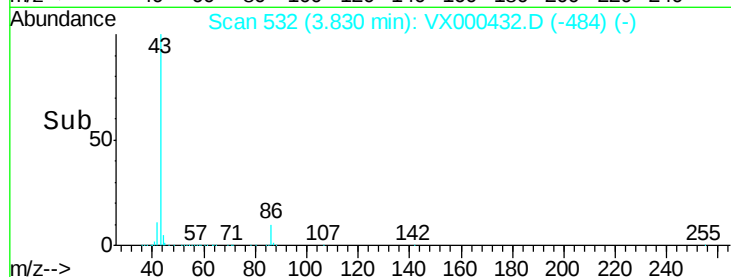
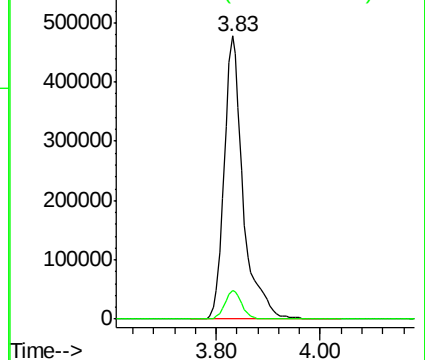
43 100

86 10.2 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.14 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

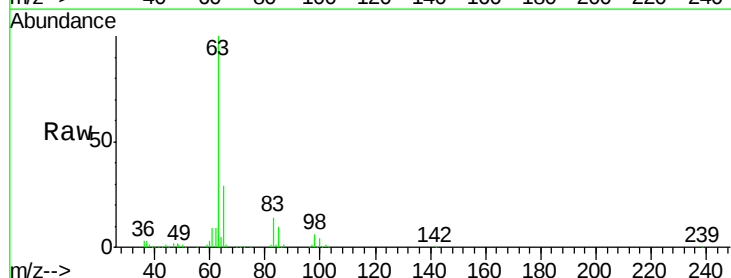
Tgt Ion: 63 Resp: 146058

Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.9

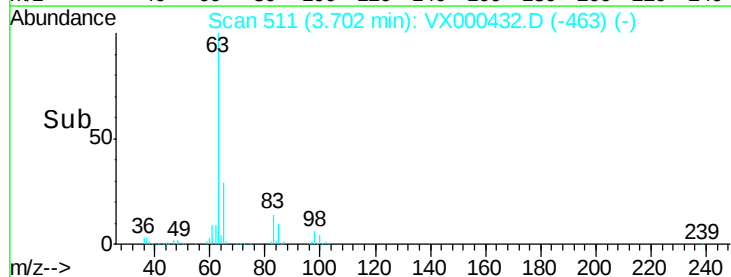
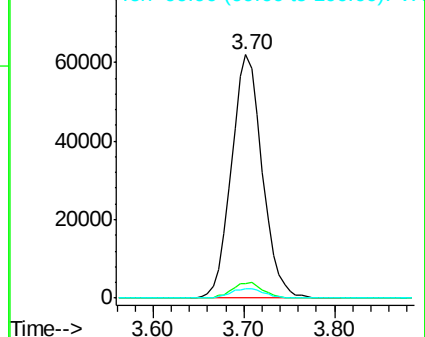
100 3.9 2.0 5.8

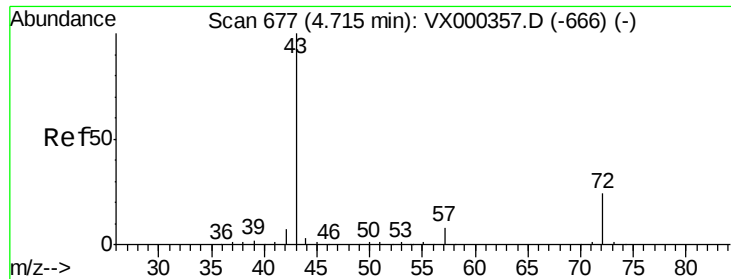


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 245.98 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

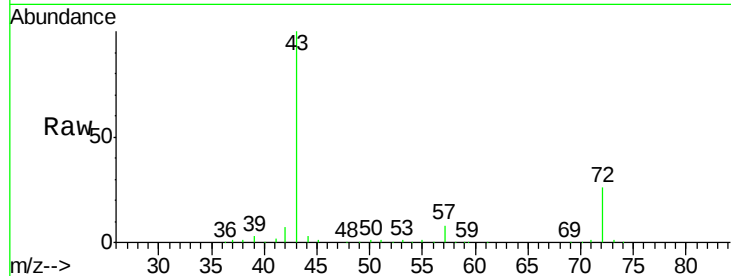
VSTDCCC050EC

Tgt Ion: 43 Resp: 402504

Ion Ratio Lower Upper

43 100

72 26.1 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

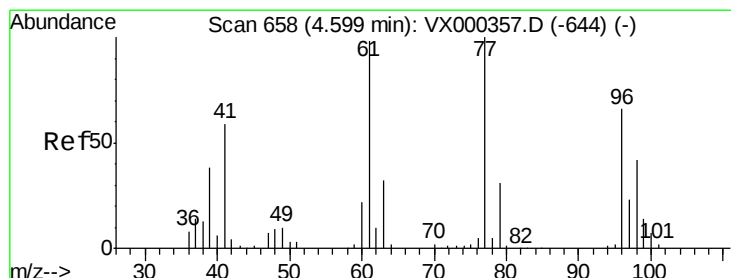
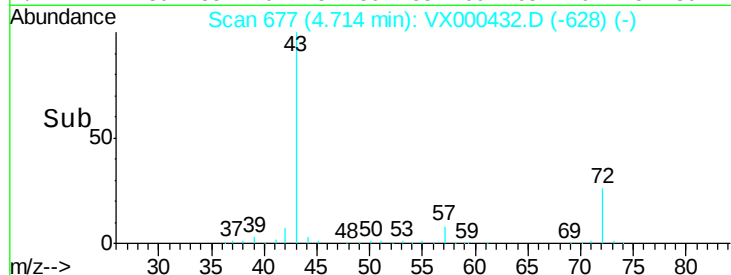
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 50.02 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000432.D

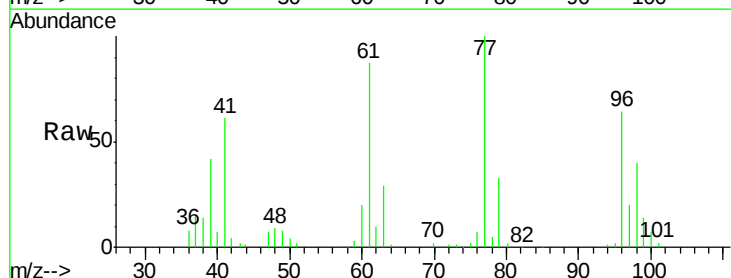
Acq: 23 Mar 2018 17:23

Tgt Ion: 77 Resp: 100130

Ion Ratio Lower Upper

77 100

97 22.3 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

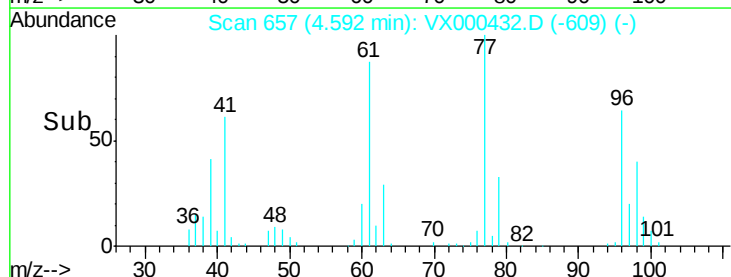
20000

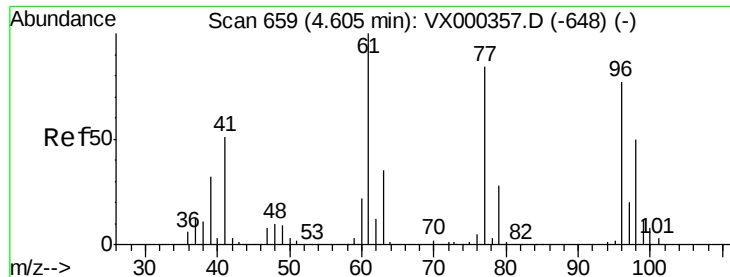
10000

0

4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 46.71 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

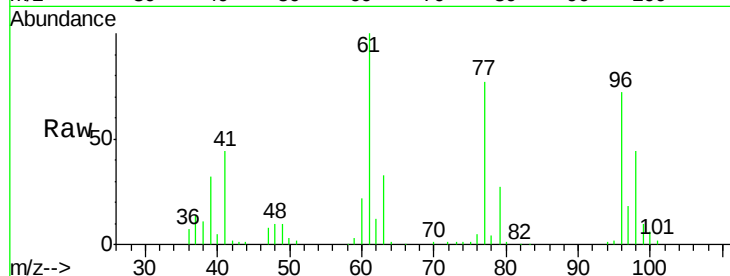
Tgt Ion: 96 Resp: 70768

Ion Ratio Lower Upper

96 100

61 146.5 0.0 291.6

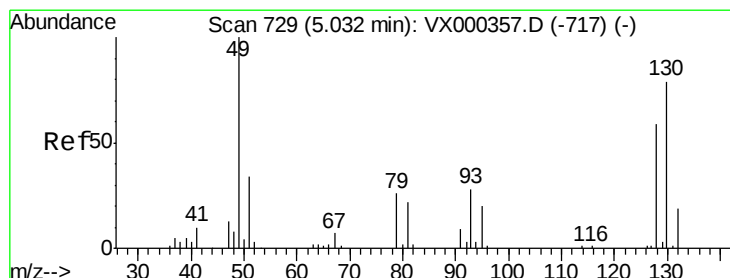
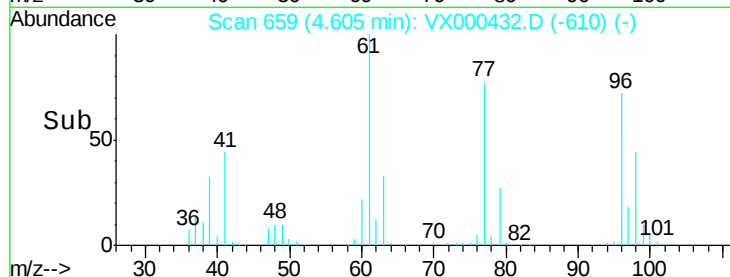
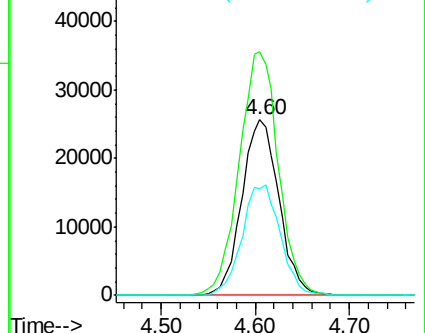
98 65.0 0.0 132.0



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: 48.21 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

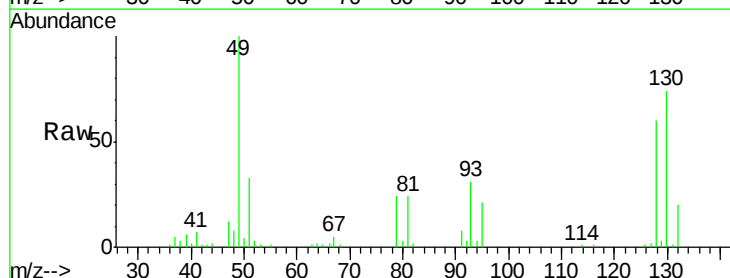
Tgt Ion: 49 Resp: 56777

Ion Ratio Lower Upper

49 100

129 2.6 0.0 5.0

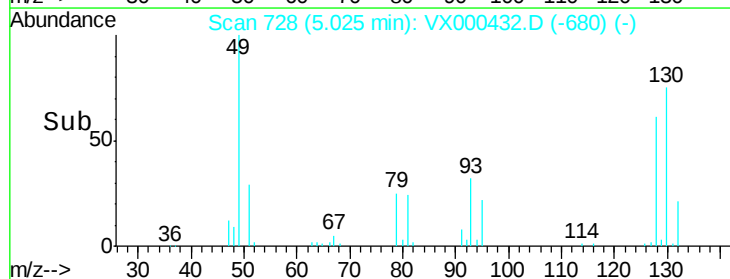
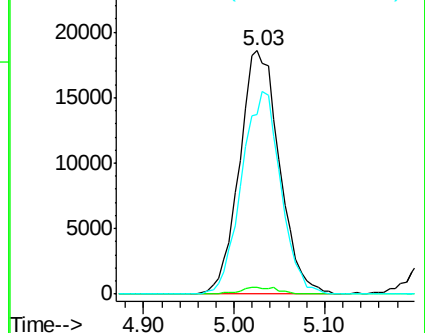
130 81.0 64.0 96.0

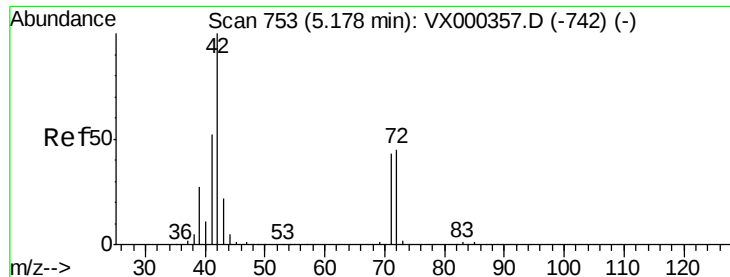


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 242.70 ug/l

RT: 5.18 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

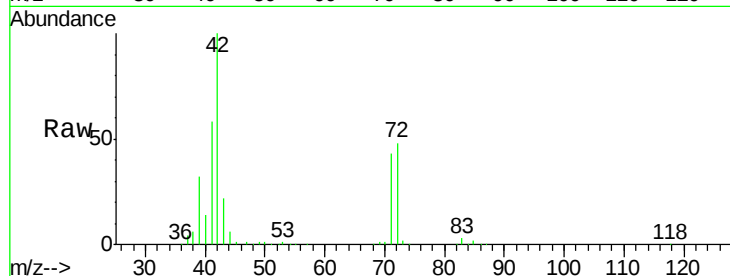
Tgt Ion: 42 Resp: 244343

Ion Ratio Lower Upper

42 100

72 46.6 37.9 56.9

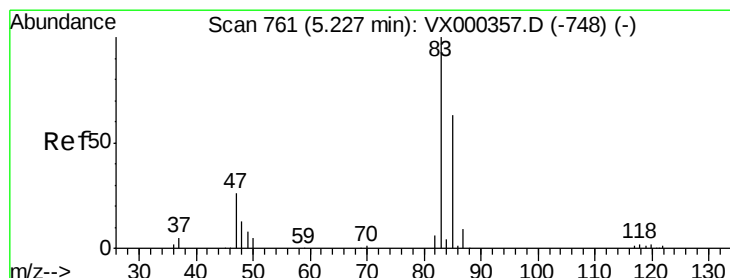
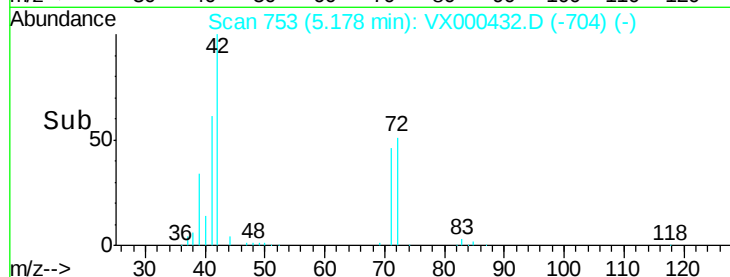
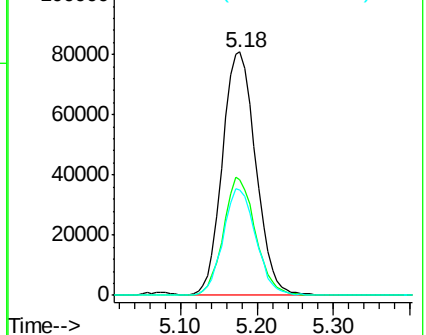
71 42.7 34.4 51.6



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: 49.33 ug/l

RT: 5.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX000432.D

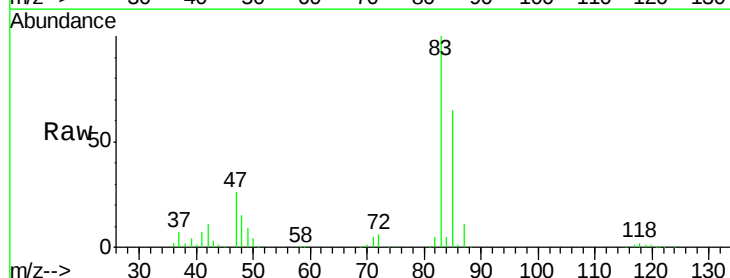
Acq: 23 Mar 2018 17:23

Tgt Ion: 83 Resp: 132031

Ion Ratio Lower Upper

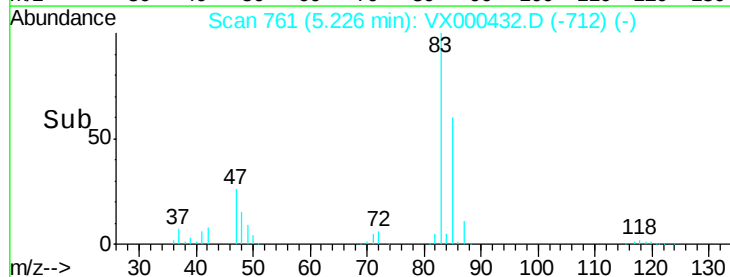
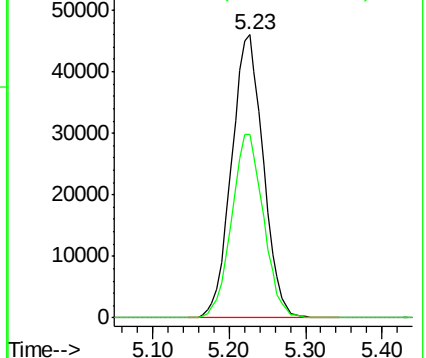
83 100

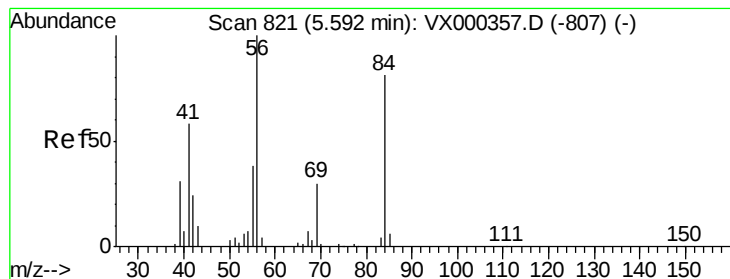
85 64.8 53.3 79.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 45.84 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.01 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

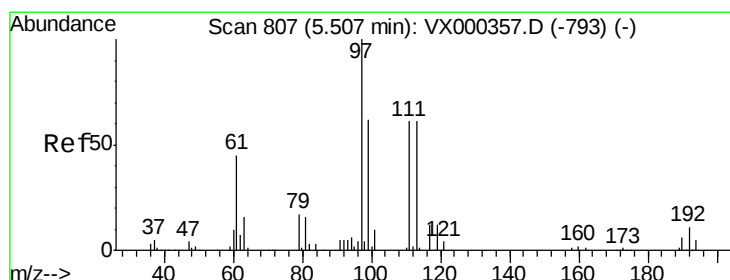
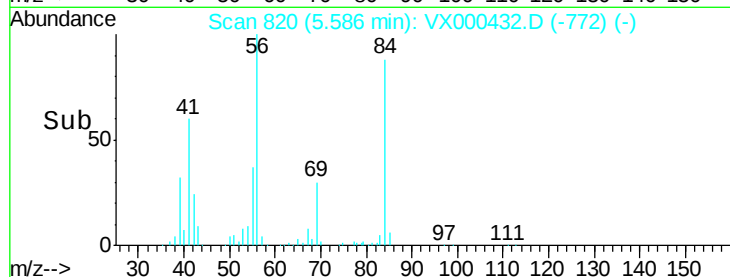
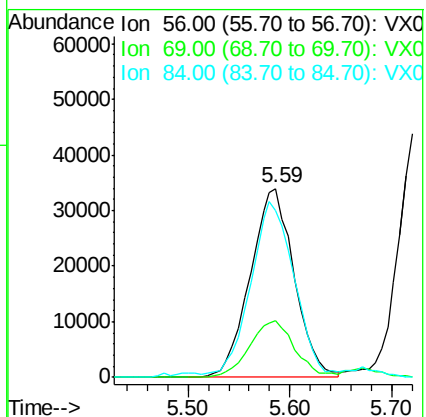
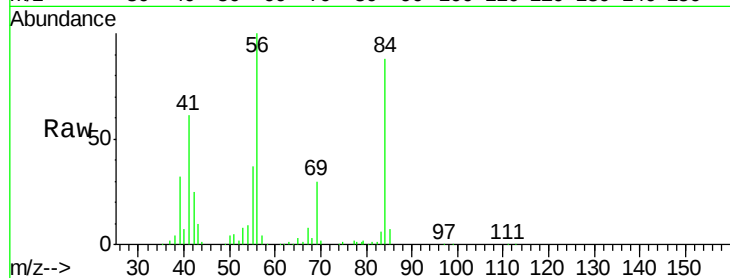
Tgt Ion: 56 Resp: 101207

Ion Ratio Lower Upper

56 100

69 29.9 23.4 35.0

84 86.0 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 48.04 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

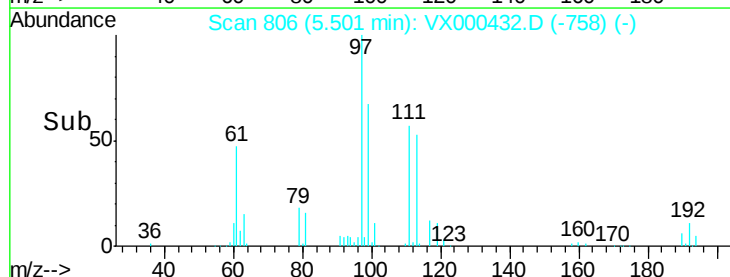
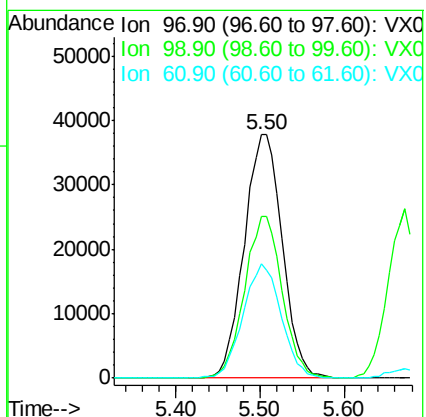
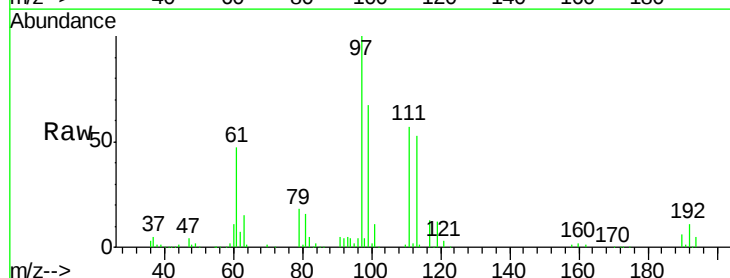
Tgt Ion: 97 Resp: 116006

Ion Ratio Lower Upper

97 100

99 65.5 52.1 78.1

61 47.1 36.2 54.4

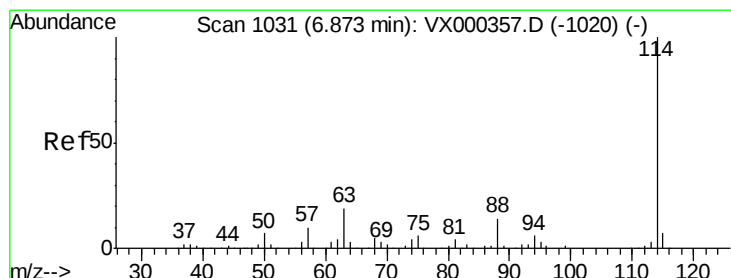
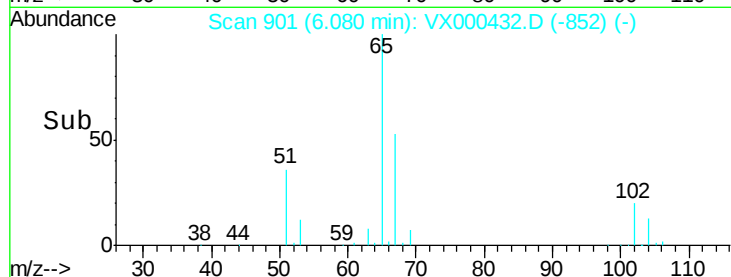
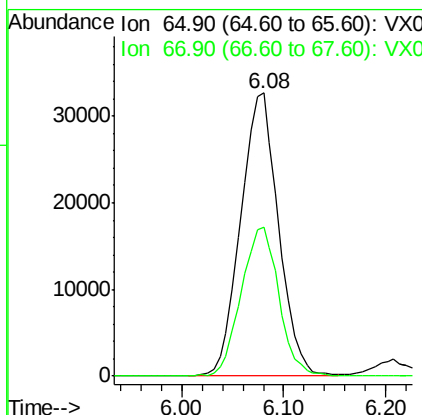
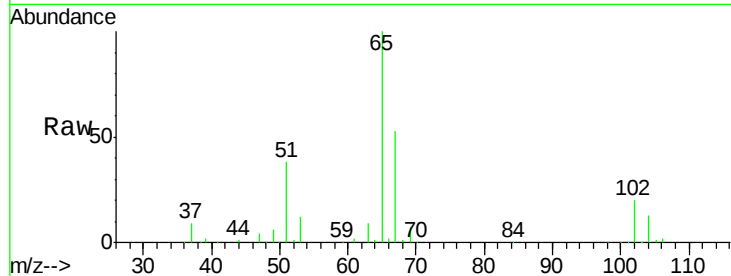




#33
 1,2-Dichloroethane-d4
 Concen: 48.19 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000432.D
 Acq: 23 Mar 2018 17:23

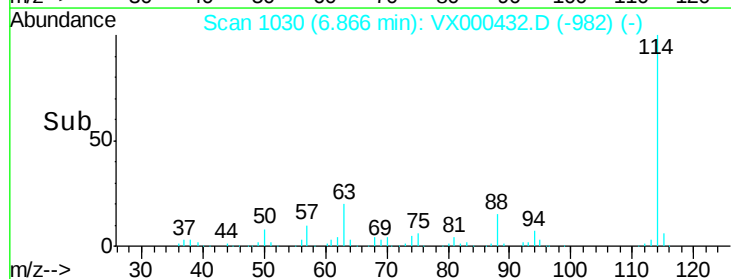
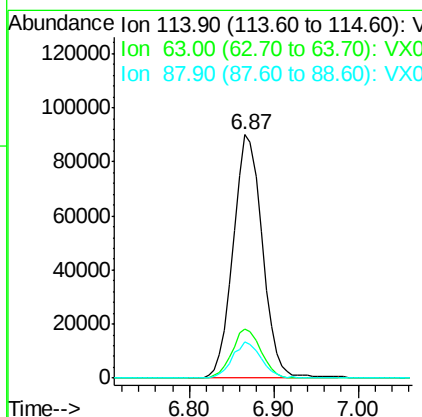
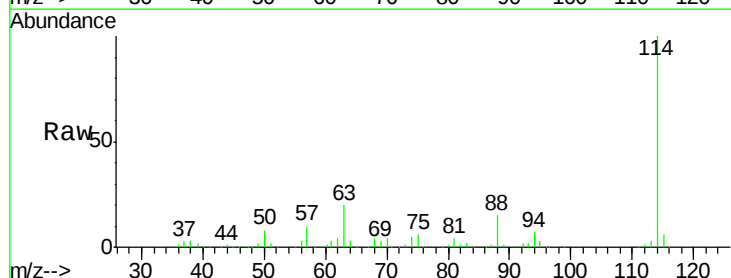
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

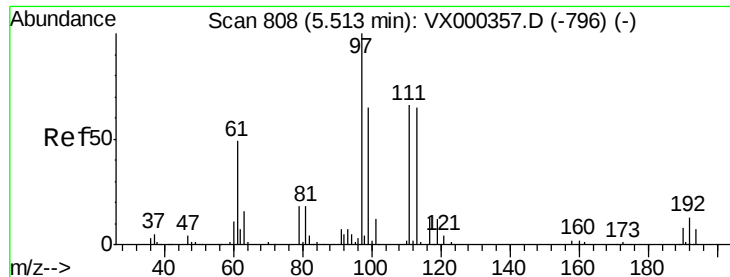
Tgt Ion: 65 Resp: 84327
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000432.D
 Acq: 23 Mar 2018 17:23

Tgt Ion: 114 Resp: 210515
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.4
 88 14.7 0.0 27.0





#35

Dibromofluoromethane

Concen: 51.29 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

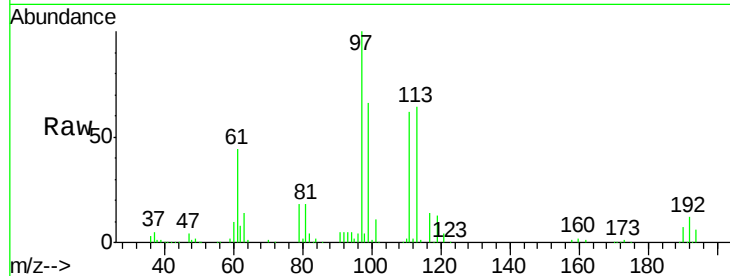
Tgt Ion:113 Resp: 68029

Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

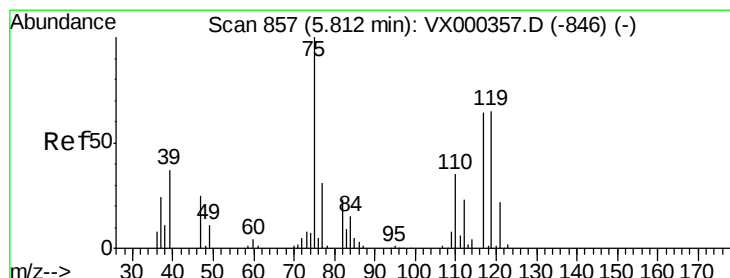
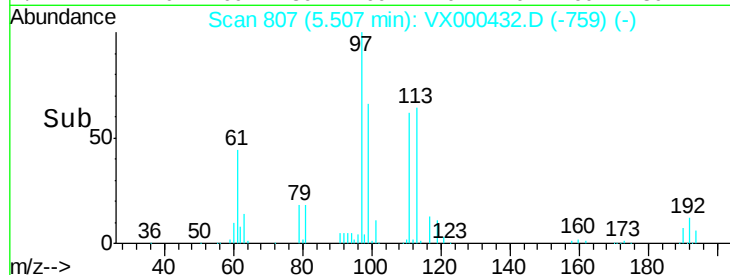
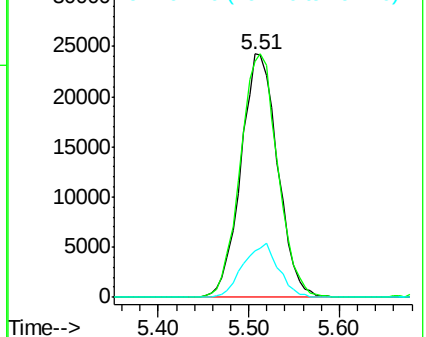
192 21.4 15.8 23.6



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: 48.68 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

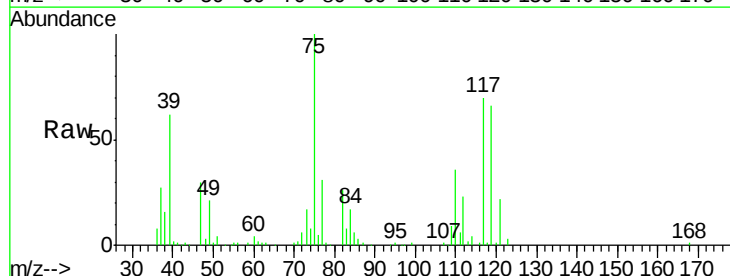
Tgt Ion: 75 Resp: 96002

Ion Ratio Lower Upper

75 100

110 35.8 17.9 53.7

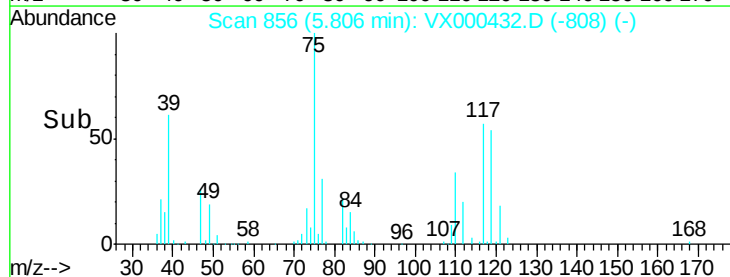
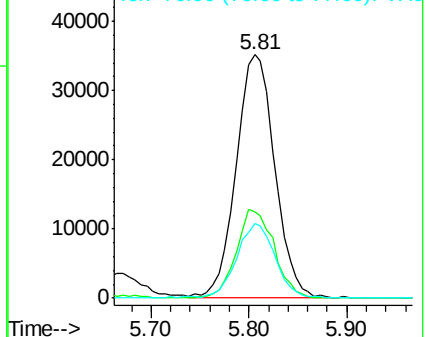
77 30.9 24.0 36.0

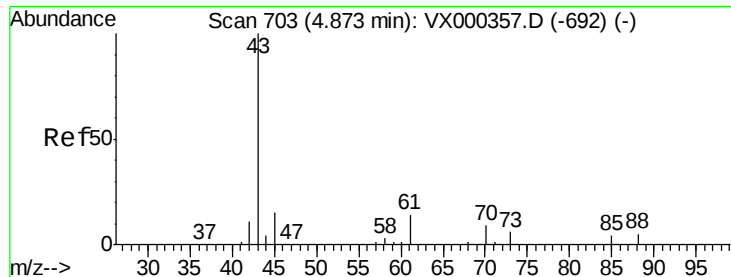


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

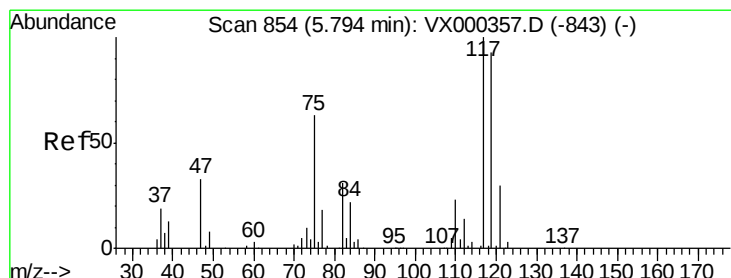
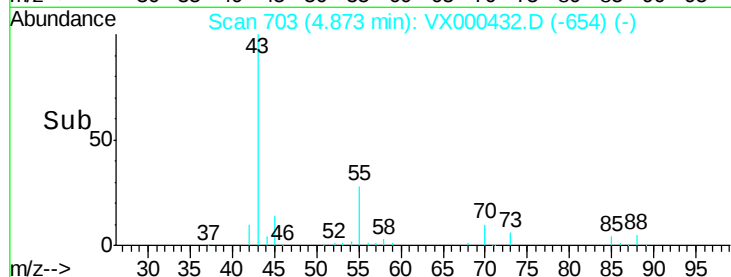
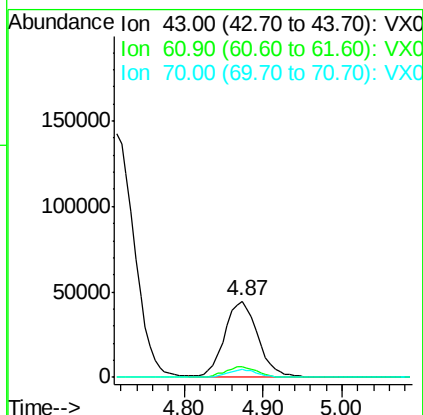
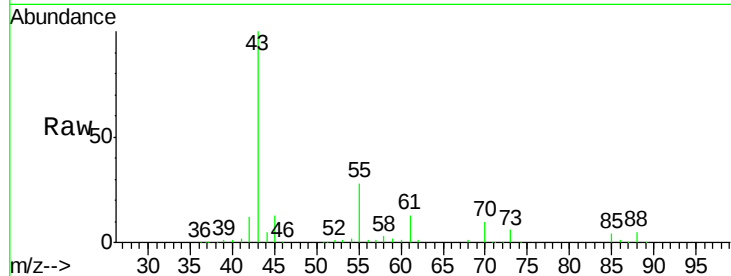




#37
Ethyl Acetate
Concen: 48.47 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000432.D
Acq: 23 Mar 2018 17:23

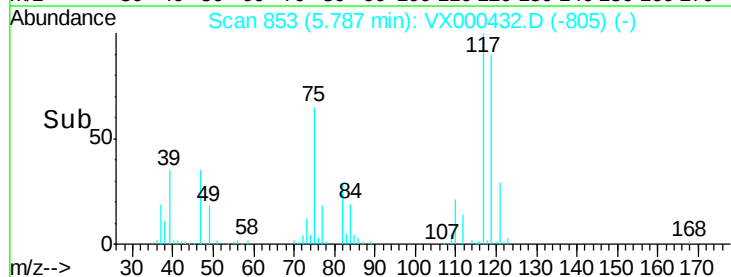
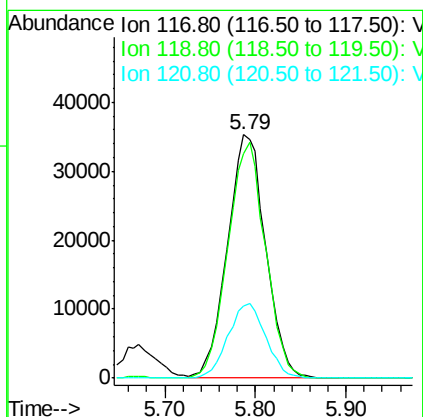
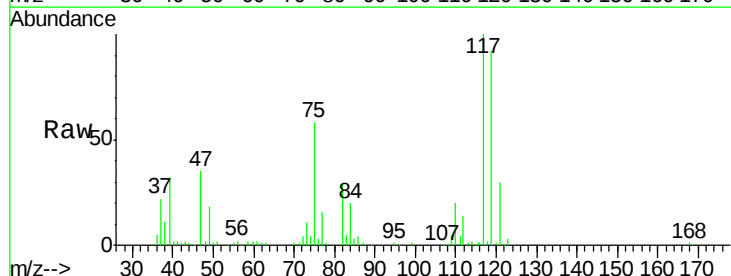
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

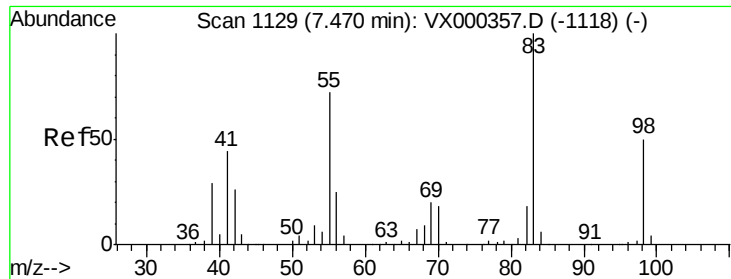
Tgt Ion: 43 Resp: 130565
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 9.3 7.7 11.5



#38
Carbon Tetrachloride
Concen: 49.88 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000432.D
Acq: 23 Mar 2018 17:23

Tgt Ion: 117 Resp: 103180
Ion Ratio Lower Upper
117 100
119 92.4 77.4 116.2
121 29.8 24.8 37.2

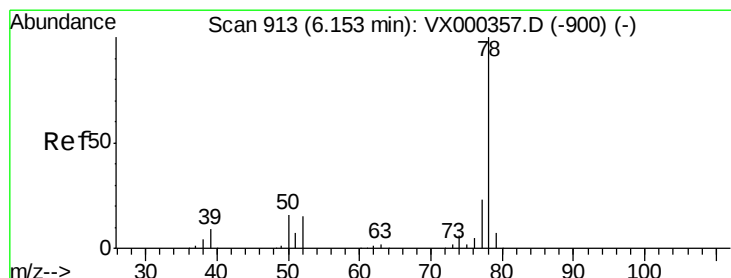
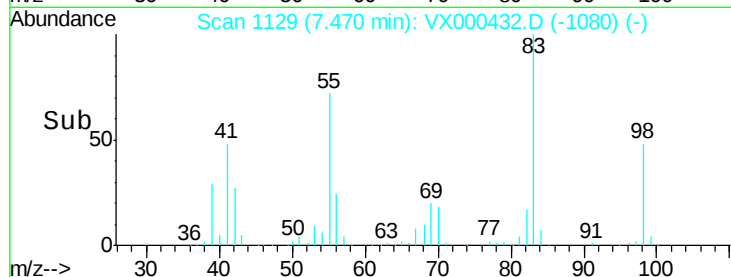
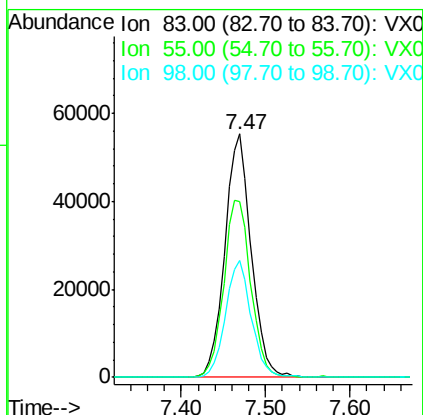
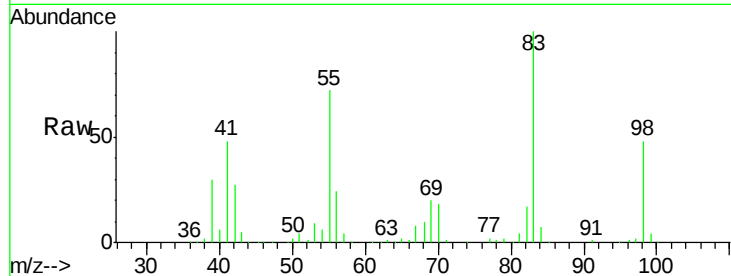




#39
Methylcyclohexane
Concen: 49.28 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000432.D
Acq: 23 Mar 2018 17:23

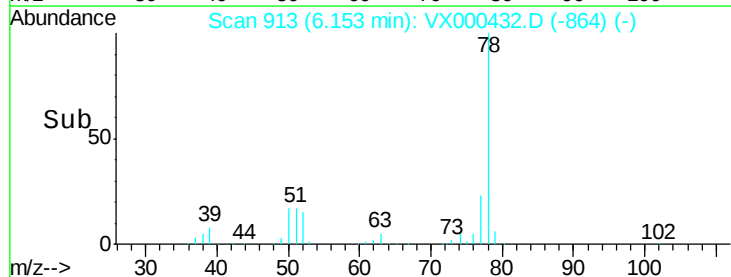
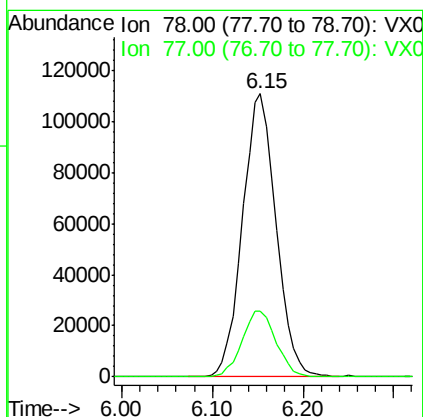
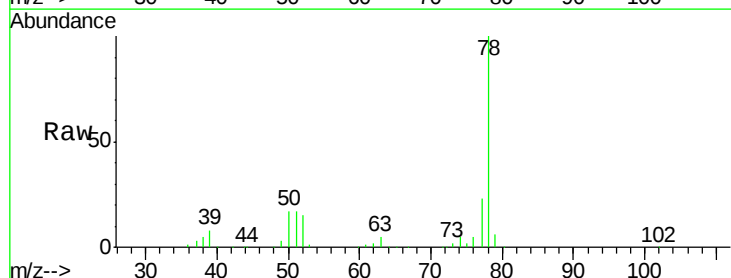
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

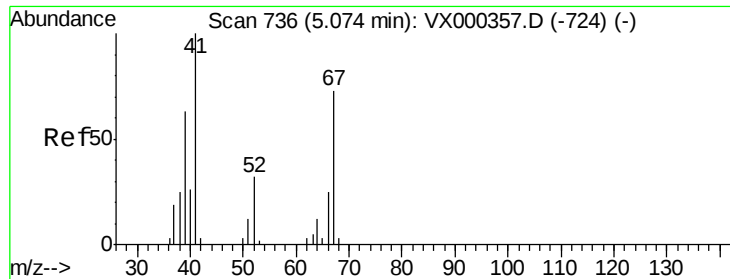
Tgt Ion: 83 Resp: 118174
Ion Ratio Lower Upper
83 100
55 72.0 55.5 83.3
98 47.8 38.2 57.4



#40
Benzene
Concen: 49.55 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000432.D
Acq: 23 Mar 2018 17:23

Tgt Ion: 78 Resp: 283725
Ion Ratio Lower Upper
78 100
77 23.1 18.7 28.1





#41

Methacrylonitrile

Concen: 48.46 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.00 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 68823

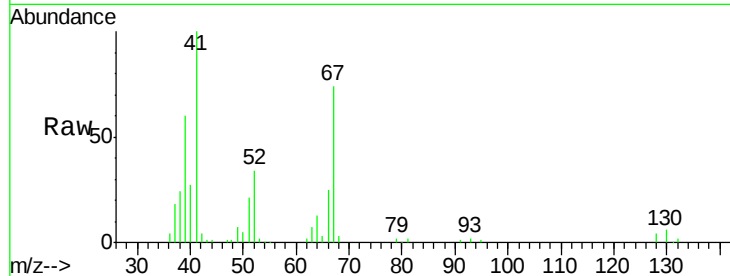
Ion Ratio Lower Upper

41 100

39 57.4 45.7 68.5

67 74.3 57.8 86.8

52 33.6 26.7 40.1

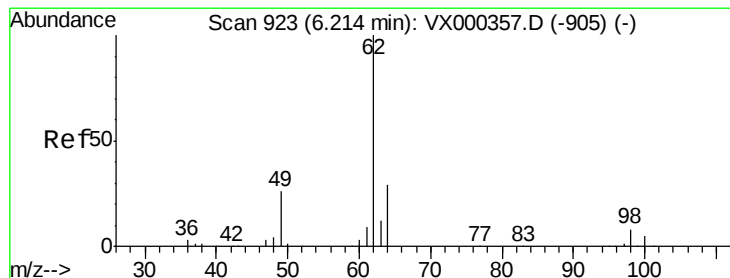
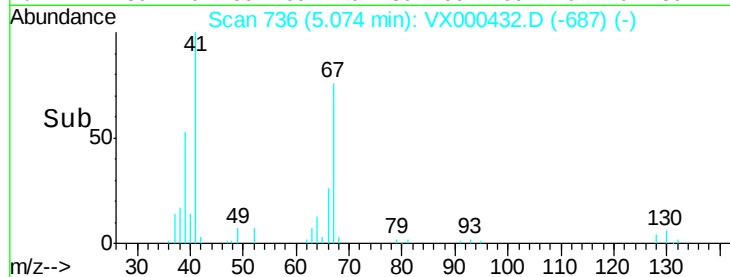
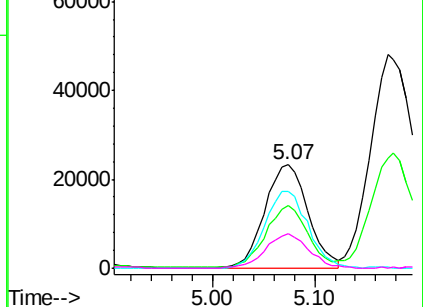


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.68 ug/l

RT: 6.21 min Scan# 922

Delta R.T. -0.01 min

Lab File: VX000432.D

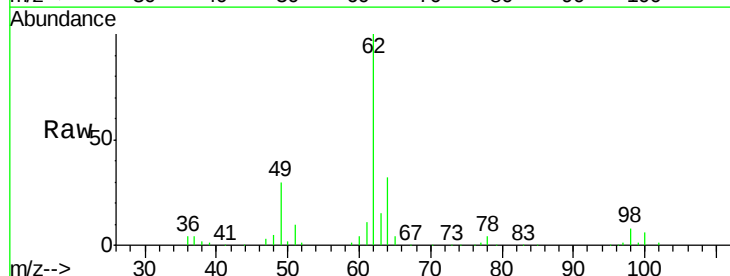
Acq: 23 Mar 2018 17:23

Tgt Ion: 62 Resp: 111624

Ion Ratio Lower Upper

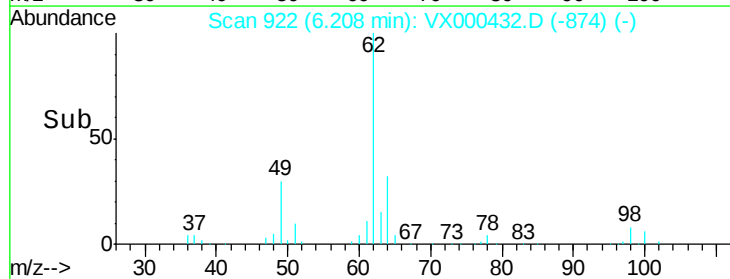
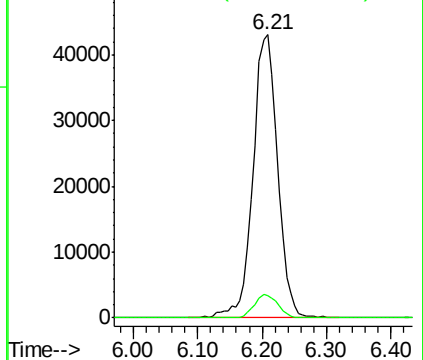
62 100

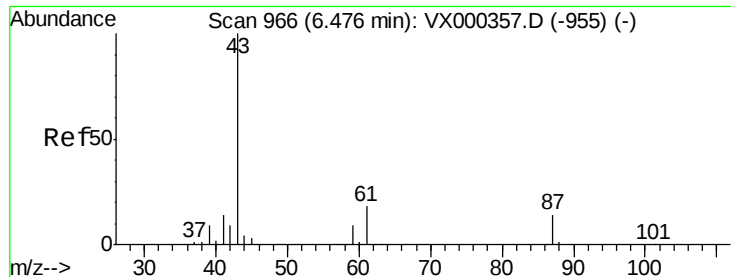
98 7.9 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.66 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

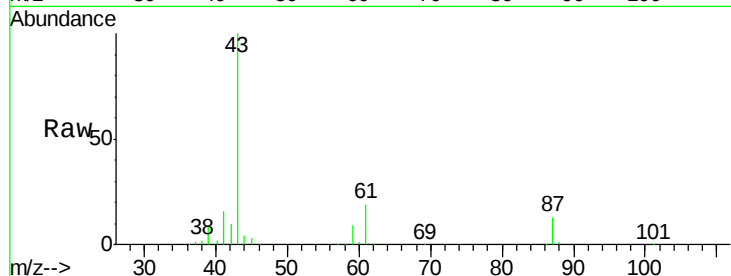
Tgt Ion: 43 Resp: 203116

Ion Ratio Lower Upper

43 100

61 18.7 14.4 21.6

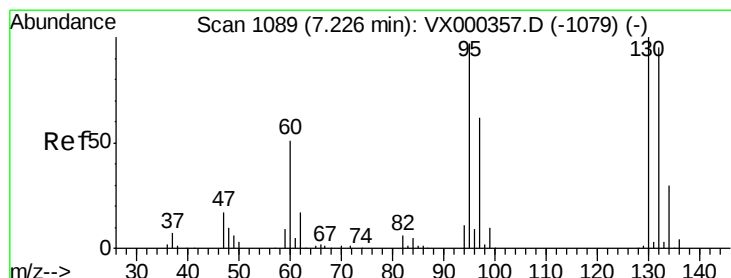
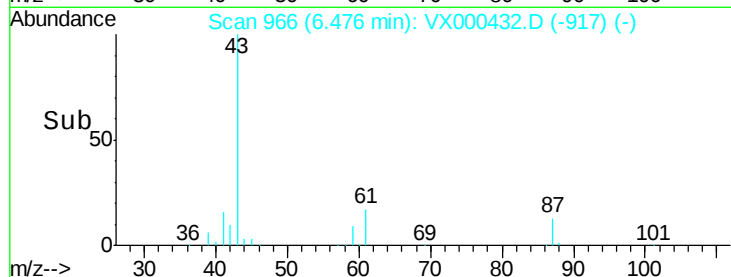
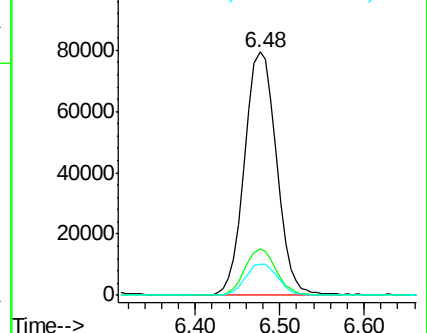
87 13.1 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.20 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000432.D

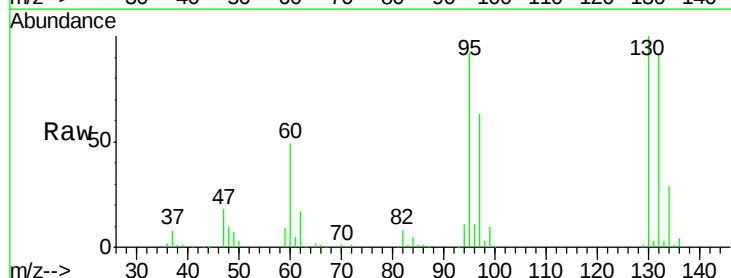
Acq: 23 Mar 2018 17:23

Tgt Ion: 130 Resp: 79069

Ion Ratio Lower Upper

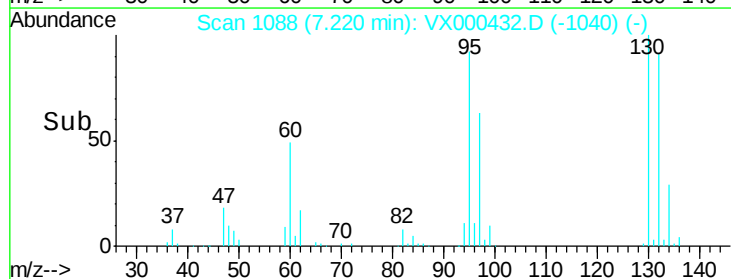
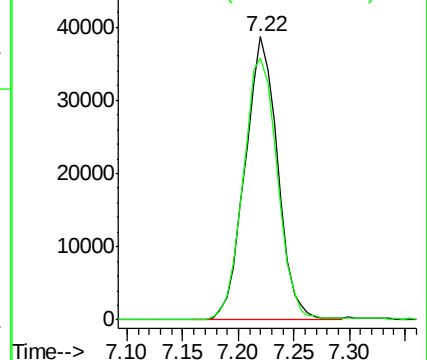
130 100

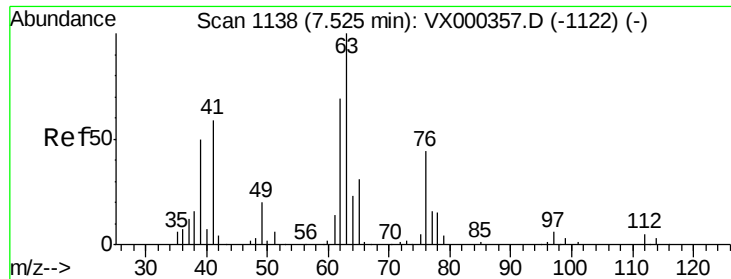
95 92.5 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

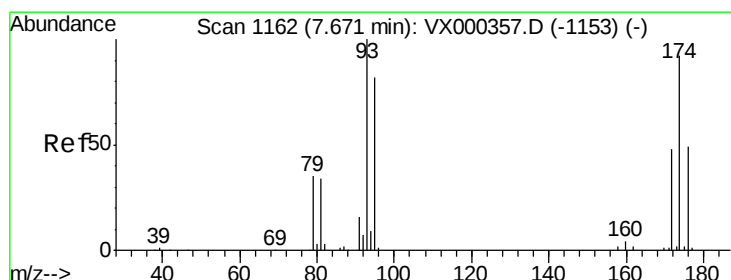
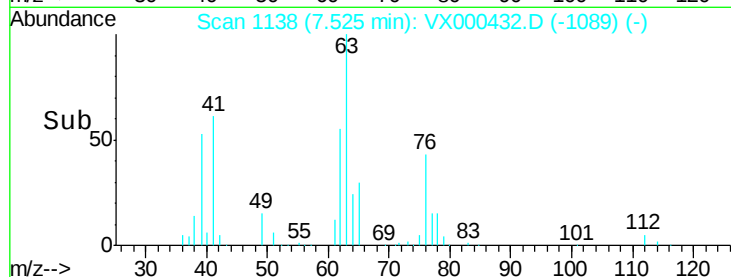
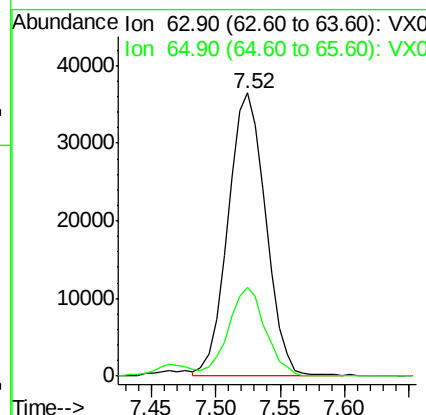
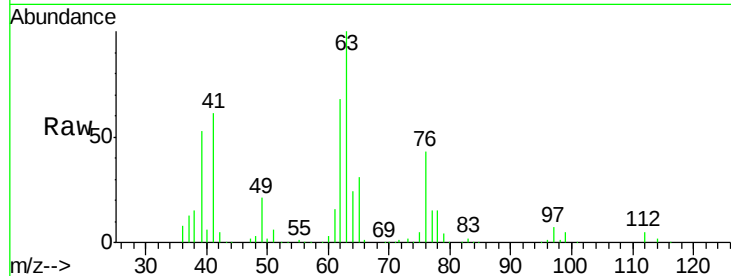




#45
 1,2-Dichloropropane
 Concen: 50.44 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000432.D
 Acq: 23 Mar 2018 17:23

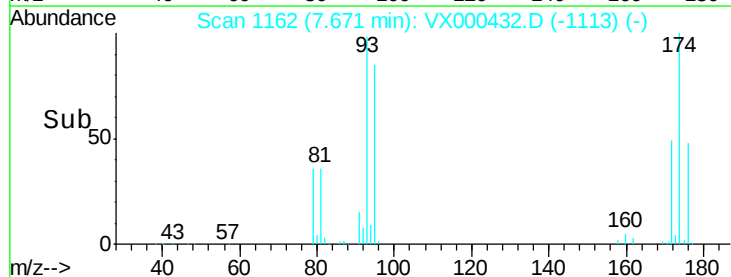
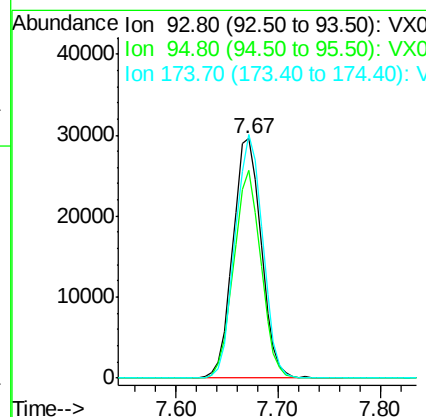
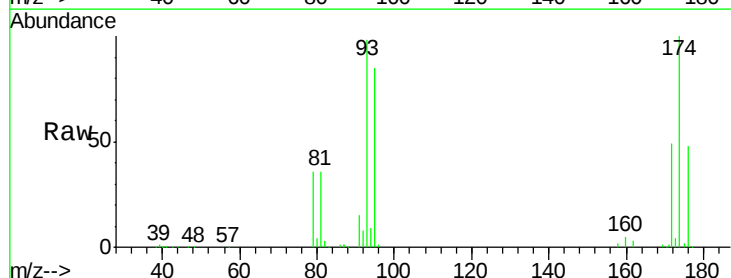
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

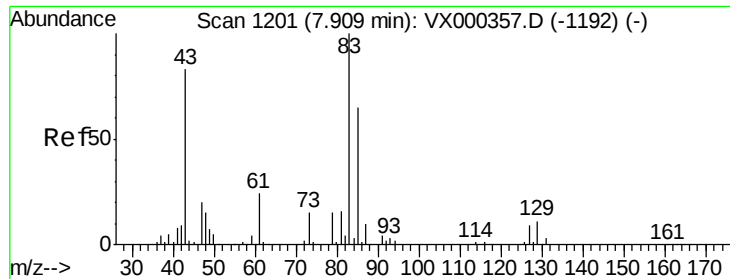
Tgt Ion: 63 Resp: 73941
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.6 36.8



#46
 Dibromomethane
 Concen: 49.48 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000432.D
 Acq: 23 Mar 2018 17:23

Tgt Ion: 93 Resp: 56931
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.5 99.7
 174 98.6 76.0 114.0





#47

Bromodichloromethane

Concen: 53.00 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

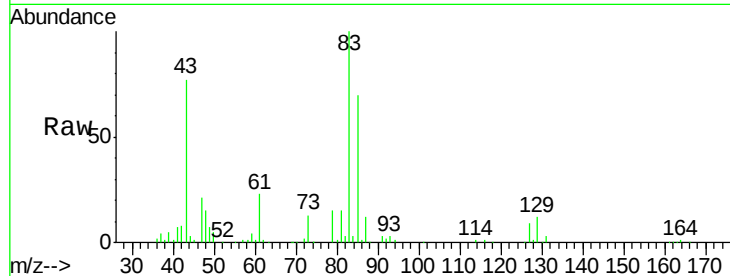
Tgt Ion: 83 Resp: 107293

Ion Ratio Lower Upper

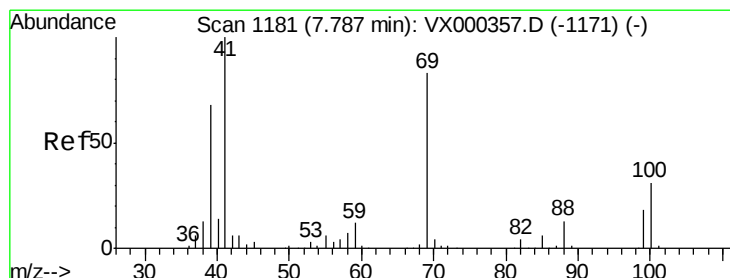
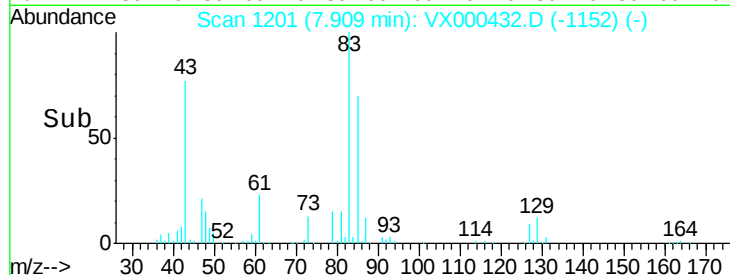
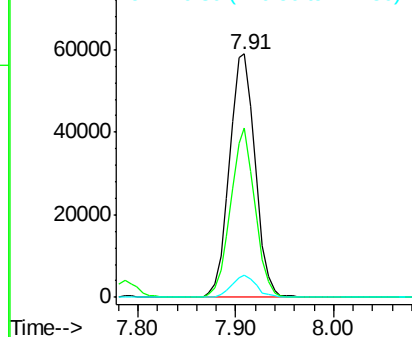
83 100

85 69.7 51.4 77.0

127 8.9 7.0 10.6



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



#48

Methyl methacrylate

Concen: 51.83 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

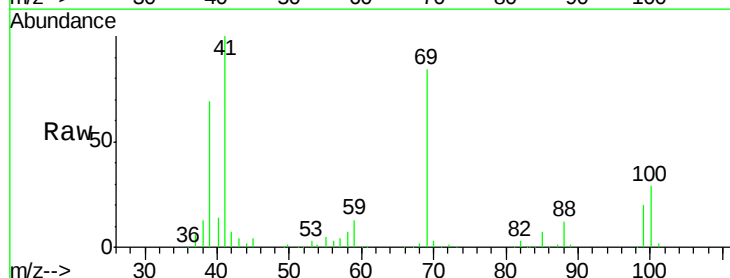
Tgt Ion: 41 Resp: 100891

Ion Ratio Lower Upper

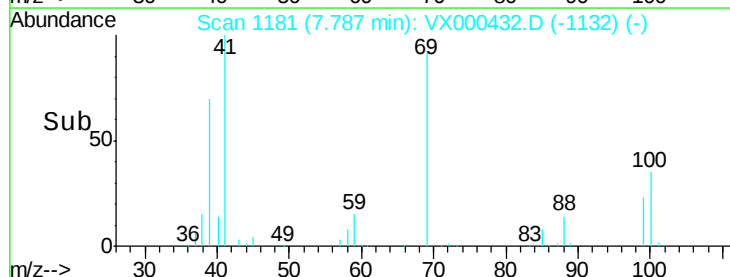
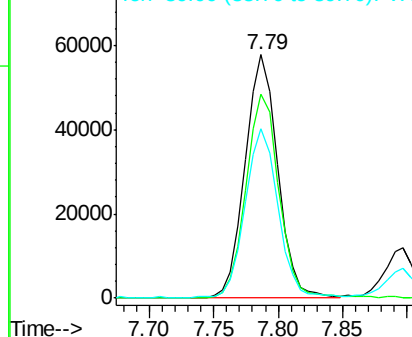
41 100

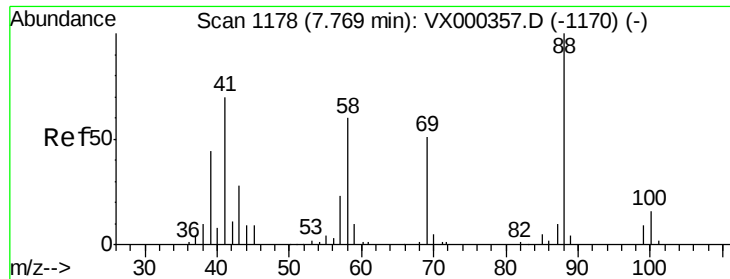
69 84.6 68.2 102.4

39 69.5 54.6 81.8



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



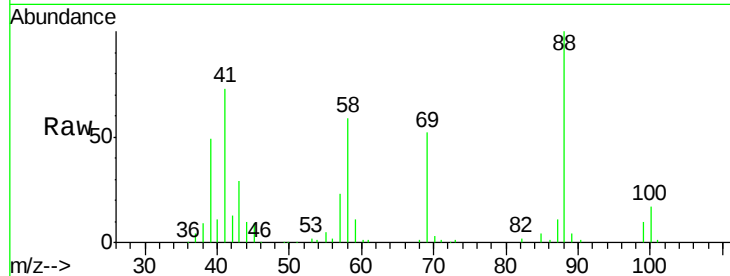


#49
 1,4-Dioxane
 Concen: 1081.06 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: VX000432.D
 Acq: 23 Mar 2018 17:23

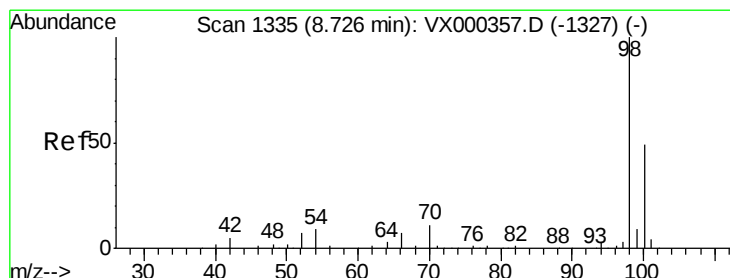
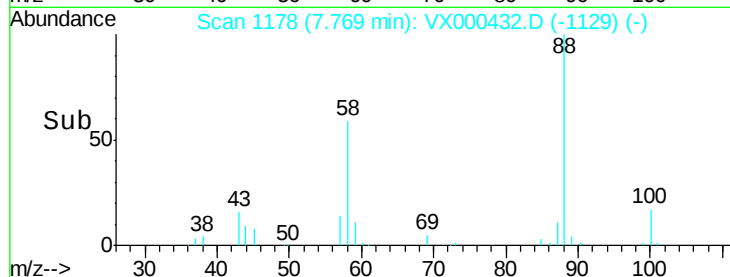
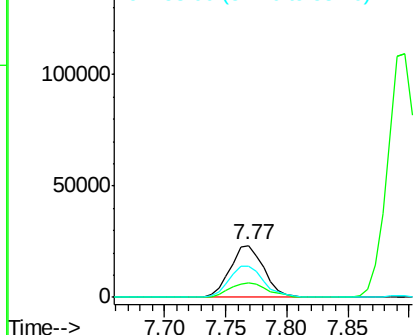
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 88 Resp: 44233

Ion	Ratio	Lower	Upper
88	100		
43	32.8	26.8	40.2
58	62.1	52.2	78.2



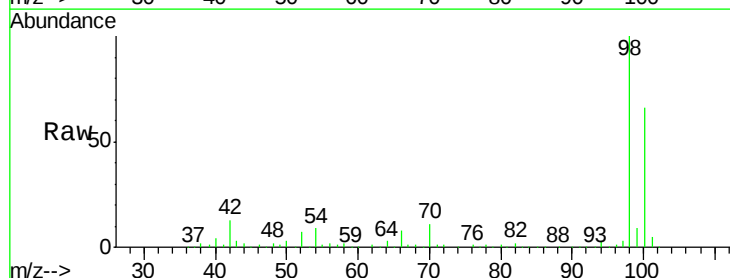
Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0



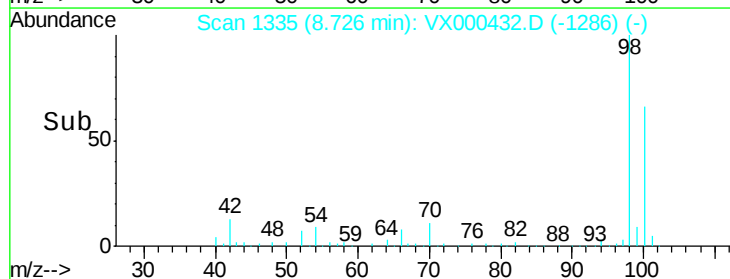
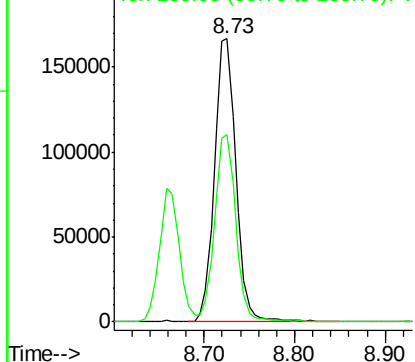
#50
 Toluene-d8
 Concen: 50.54 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX000432.D
 Acq: 23 Mar 2018 17:23

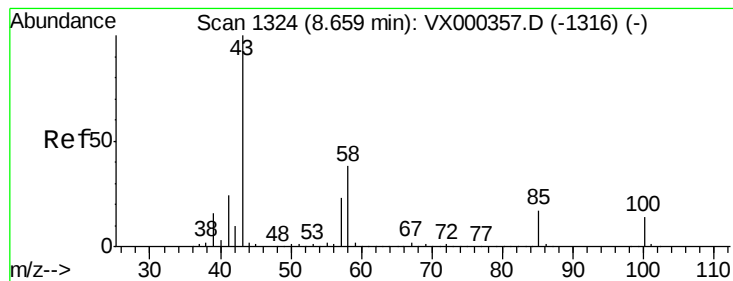
Tgt Ion: 98 Resp: 277668

Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.2	76.8



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: 264.71 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

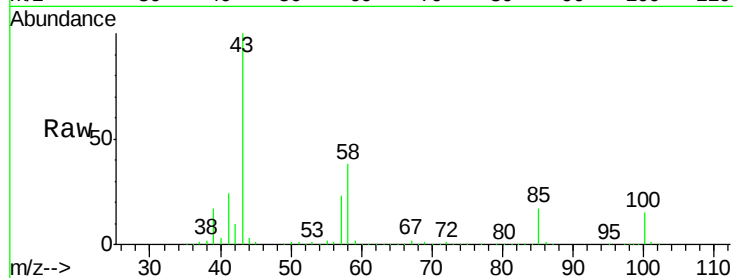
VSTDCCC050EC

Tgt Ion: 43 Resp: 821536

Ion Ratio Lower Upper

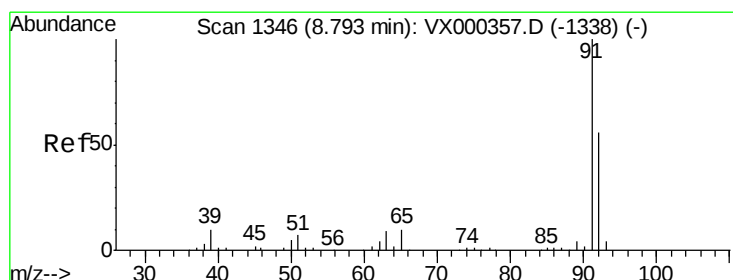
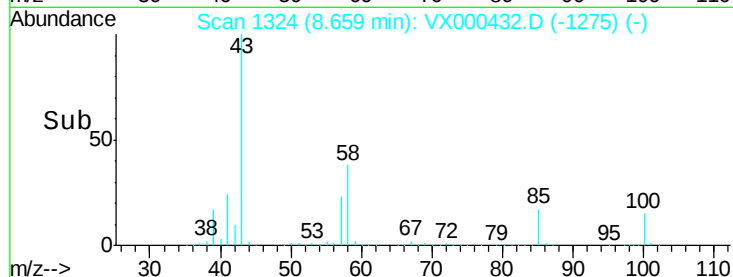
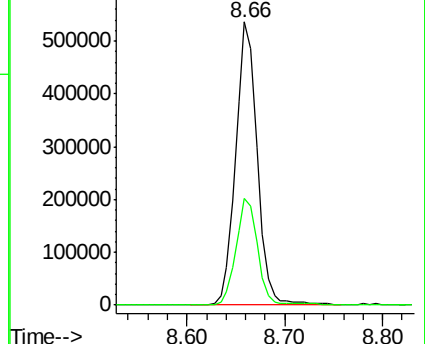
43 100

58 37.5 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.94 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000432.D

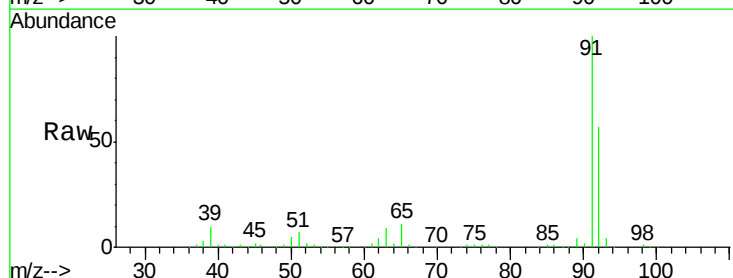
Acq: 23 Mar 2018 17:23

Tgt Ion: 92 Resp: 203922

Ion Ratio Lower Upper

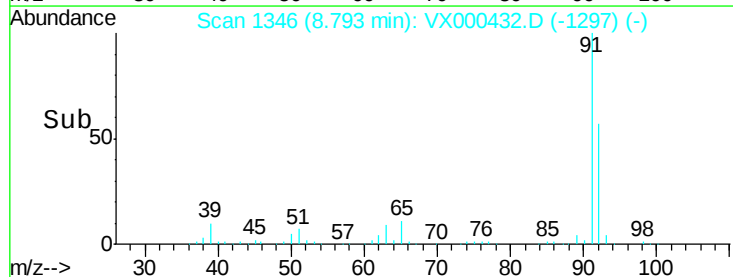
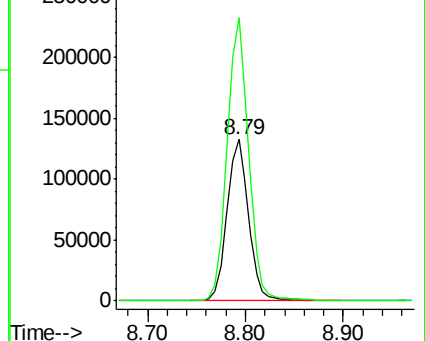
92 100

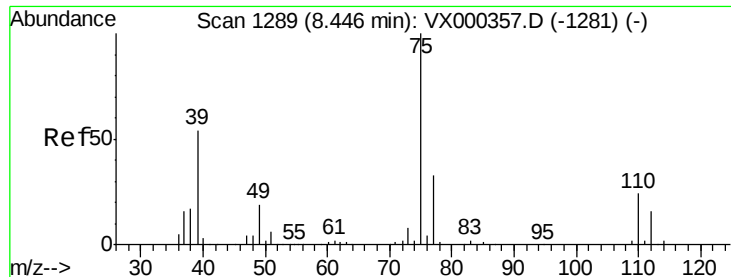
91 174.4 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

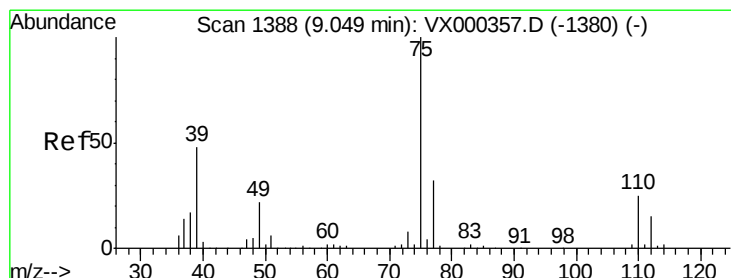
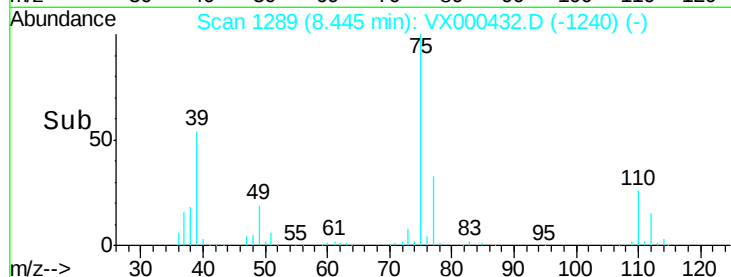
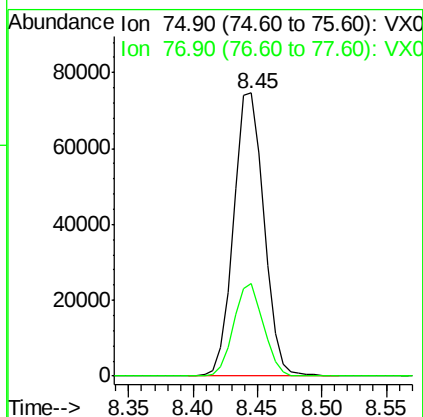
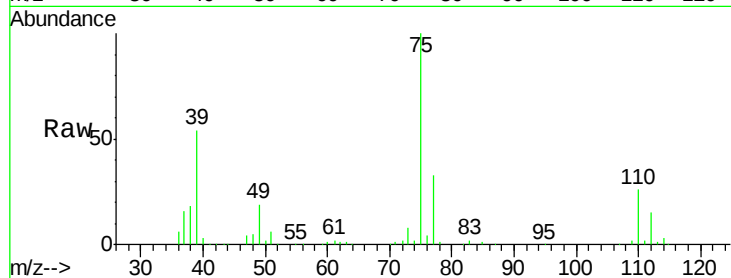




#53
t-1,3-Dichloropropene
Concen: 52.23 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000432.D
Acq: 23 Mar 2018 17:23

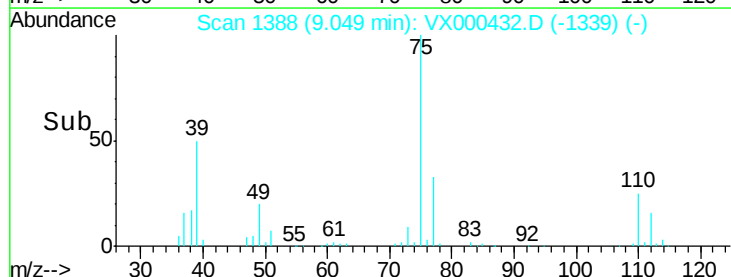
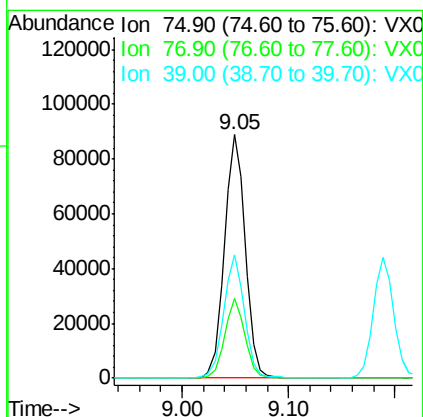
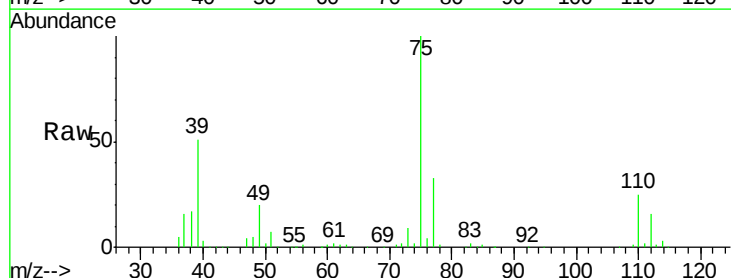
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

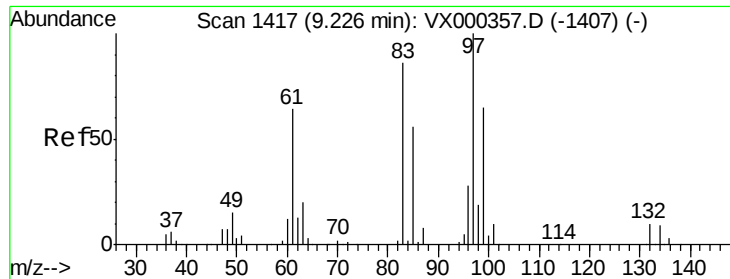
Tgt Ion: 75 Resp: 122517
Ion Ratio Lower Upper
75 100
77 32.9 24.0 36.0



#54
cis-1,3-Dichloropropene
Concen: 53.46 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000432.D
Acq: 23 Mar 2018 17:23

Tgt Ion: 75 Resp: 121635
Ion Ratio Lower Upper
75 100
77 32.9 26.1 39.1
39 50.5 39.8 59.6

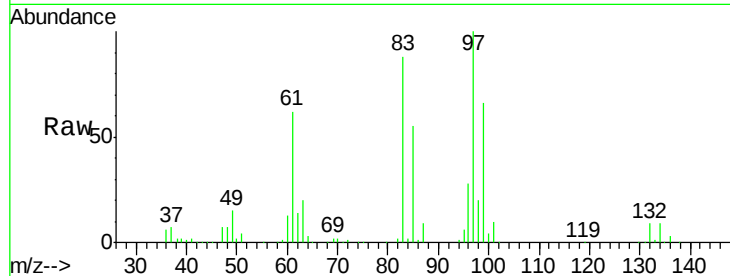




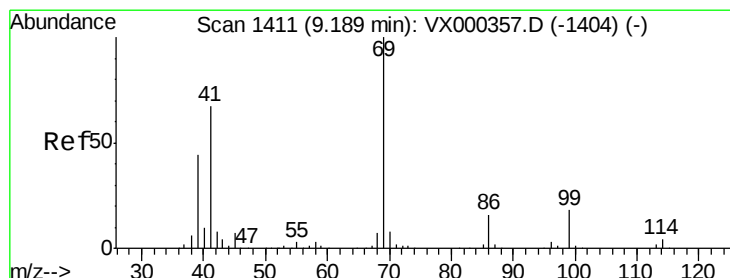
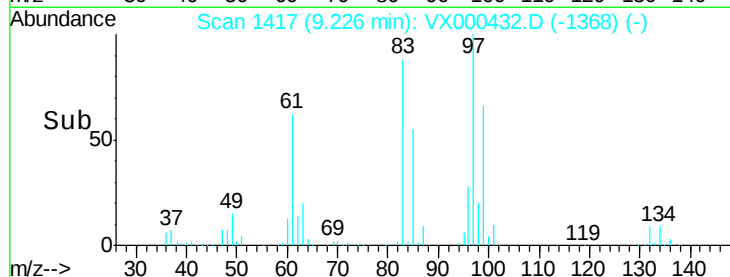
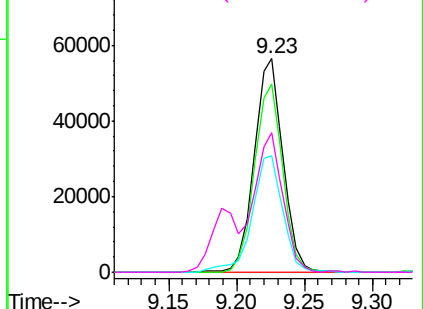
#55
 1,1,2-Trichloroethane
 Concen: 50.91 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000432.D
 Acq: 23 Mar 2018 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	83807
Ion	Ratio	Lower	Upper
97	100		
83	87.8	67.9	101.9
85	54.5	42.8	64.2
99	65.1	49.4	74.2

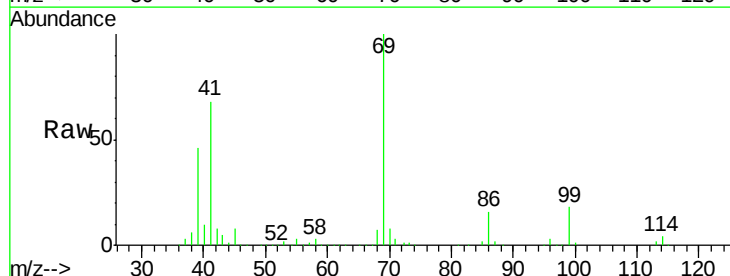


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

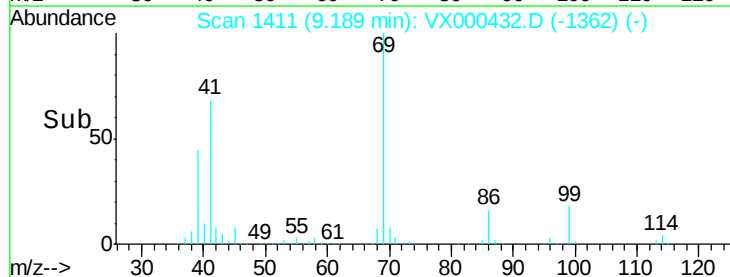
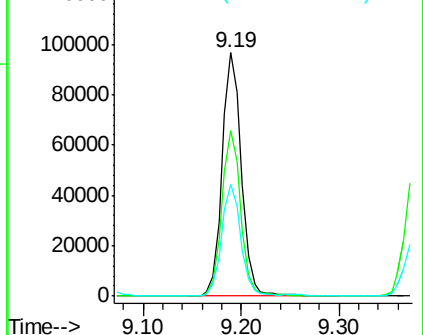


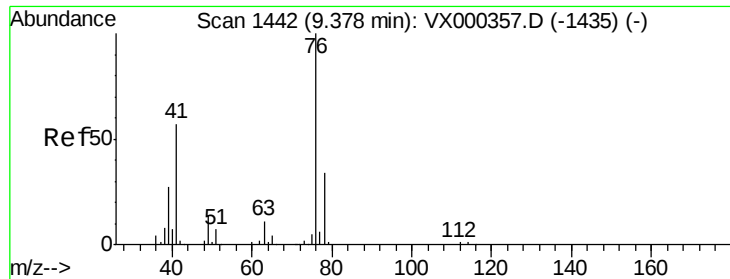
#56
 Ethyl methacrylate
 Concen: 52.93 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000432.D
 Acq: 23 Mar 2018 17:23

Tgt Ion:	69	Resp:	132044
Ion	Ratio	Lower	Upper
69	100		
41	65.8	53.0	79.6
39	45.3	35.3	52.9



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

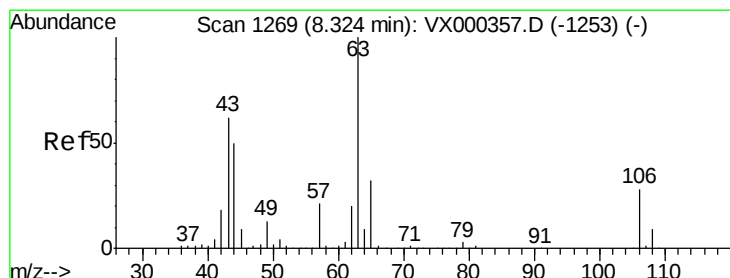
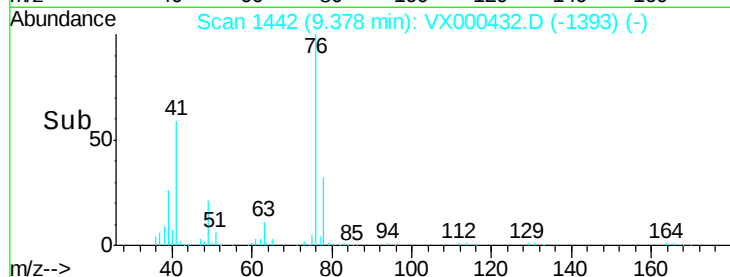
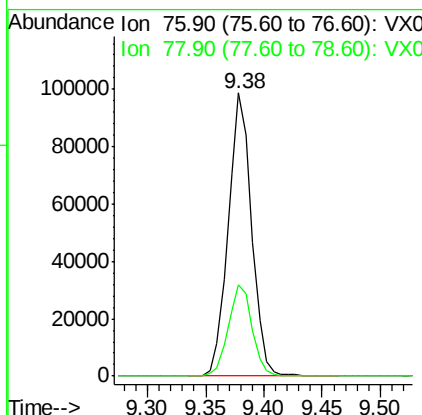
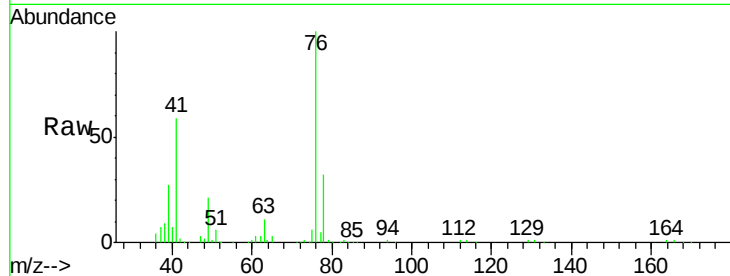




#57
 1,3-Dichloropropane
 Concen: 52.13 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000432.D
 Acq: 23 Mar 2018 17:23

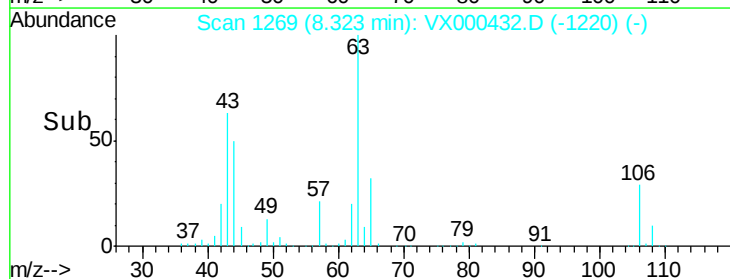
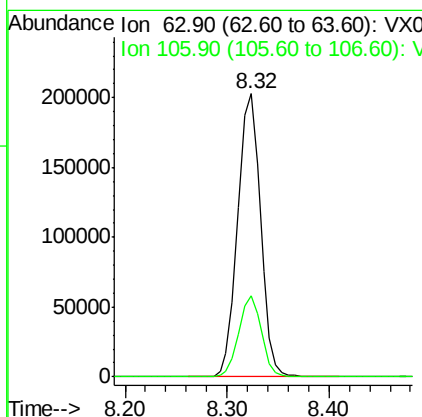
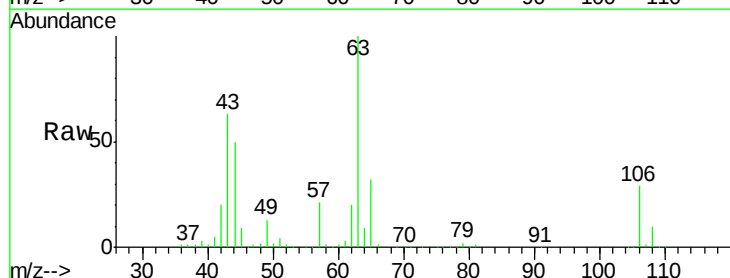
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 137259
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 261.76 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000432.D
 Acq: 23 Mar 2018 17:23

Tgt Ion: 63 Resp: 313406
 Ion Ratio Lower Upper
 63 100
 106 28.4 23.2 34.8

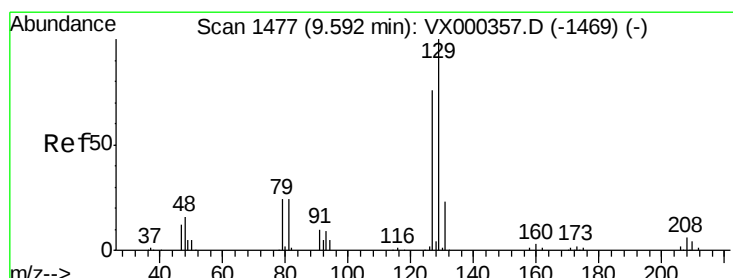
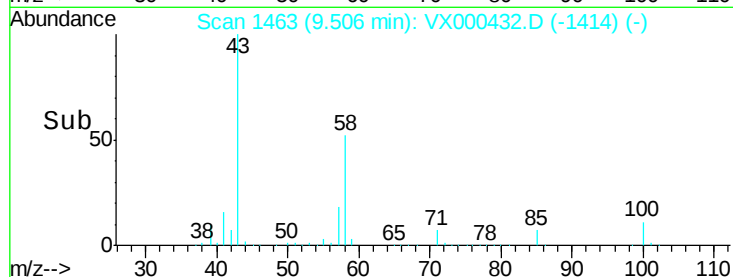
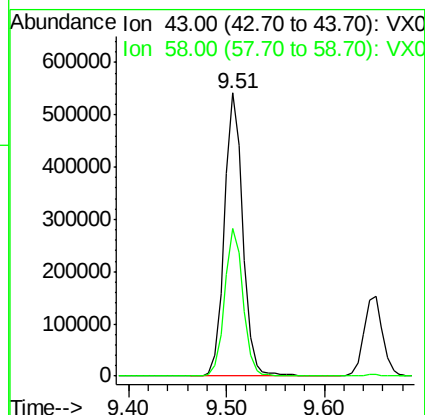
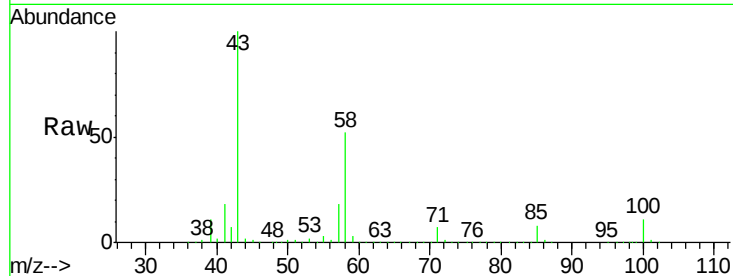




#59
2-Hexanone
Concen: 268.10 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000432.D
Acq: 23 Mar 2018 17:23

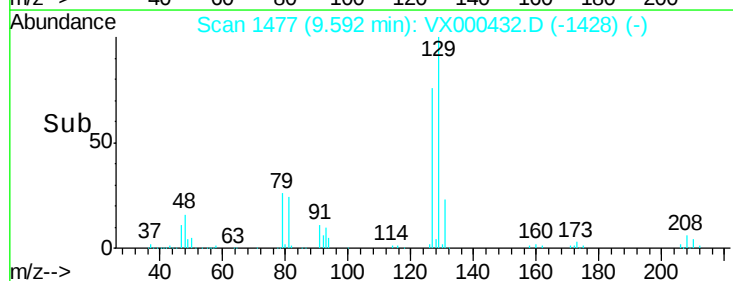
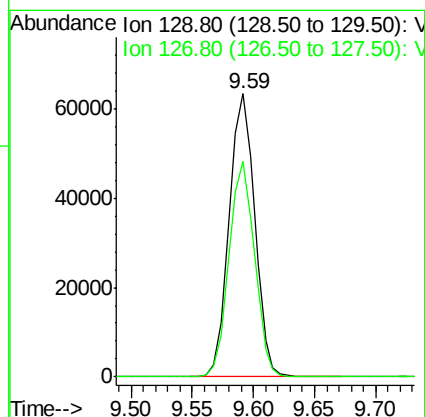
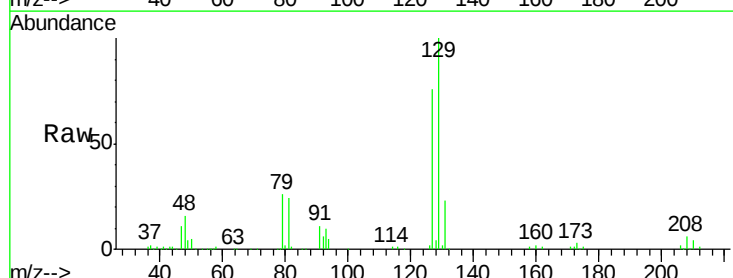
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

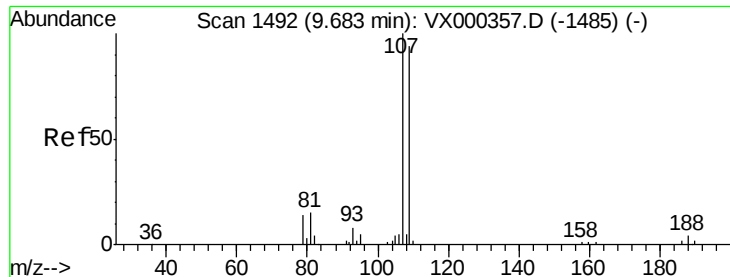
Tgt Ion: 43 Resp: 706497
Ion Ratio Lower Upper
43 100
58 52.2 26.6 79.7



#60
Dibromochloromethane
Concen: 47.19 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000432.D
Acq: 23 Mar 2018 17:23

Tgt Ion: 129 Resp: 91453
Ion Ratio Lower Upper
129 100
127 76.1 37.9 113.6





#61

1,2-Dibromoethane

Concen: 52.81 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

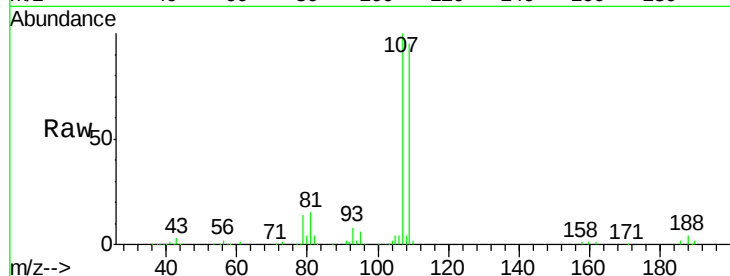
VSTDCCC050EC

Tgt Ion: 107 Resp: 93231

Ion Ratio Lower Upper

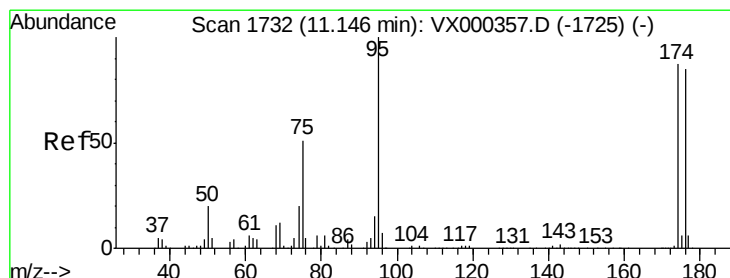
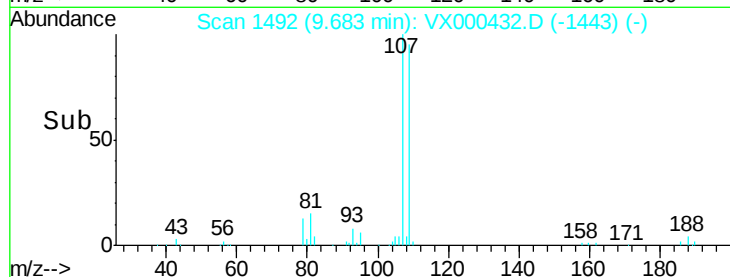
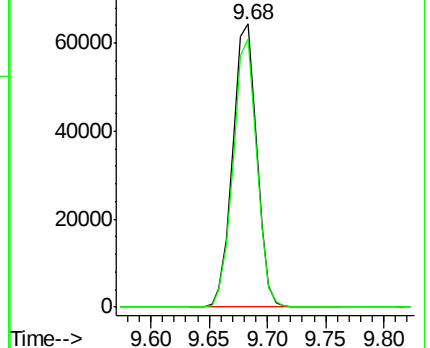
107 100

109 93.2 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.27 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

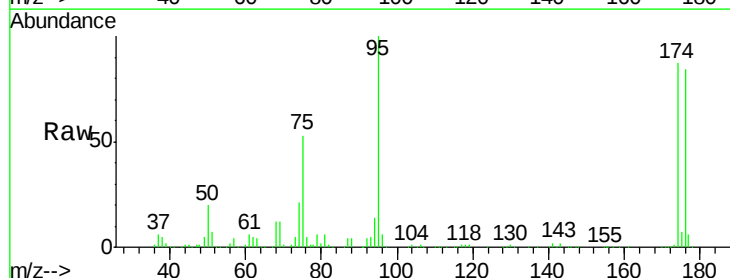
Tgt Ion: 95 Resp: 108848

Ion Ratio Lower Upper

95 100

174 87.1 0.0 173.6

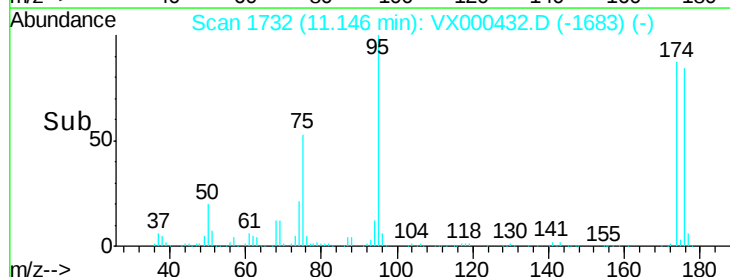
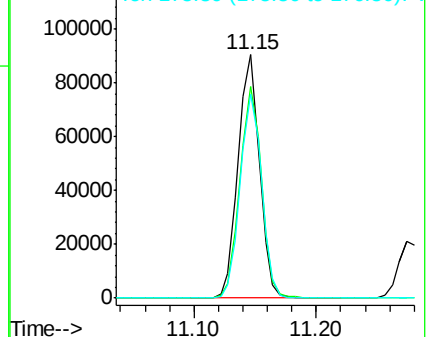
176 84.1 0.0 164.6

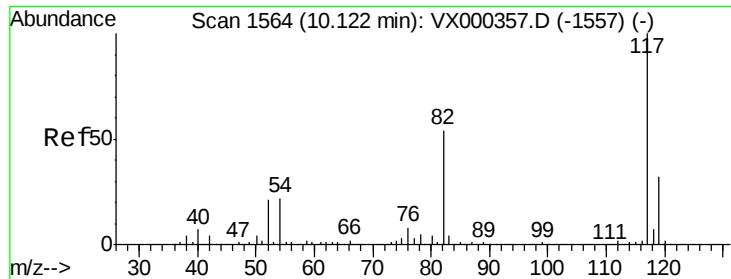


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

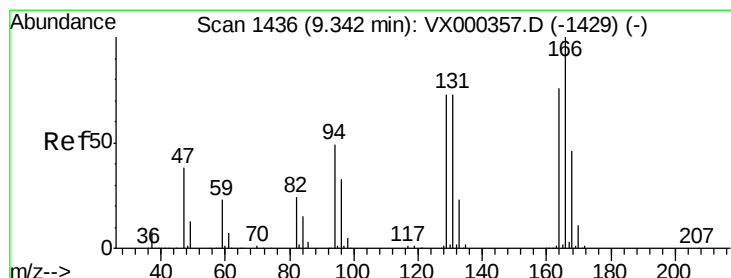
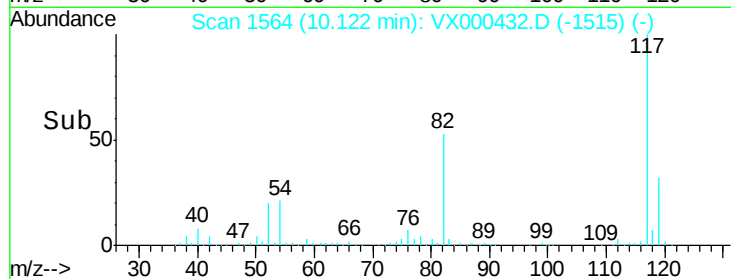
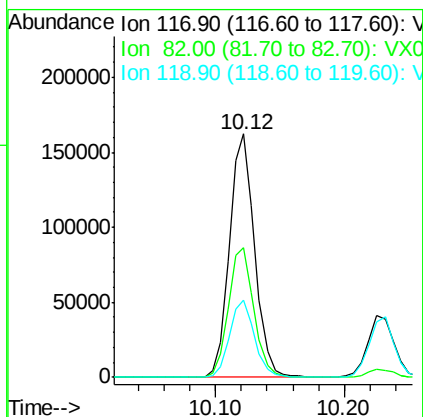
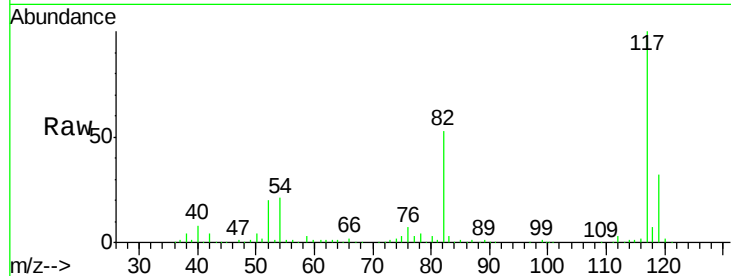




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000432.D
Acq: 23 Mar 2018 17:23

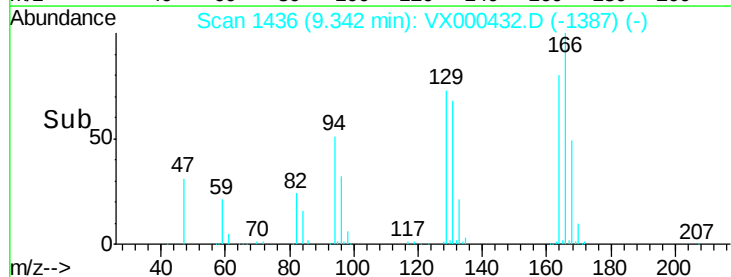
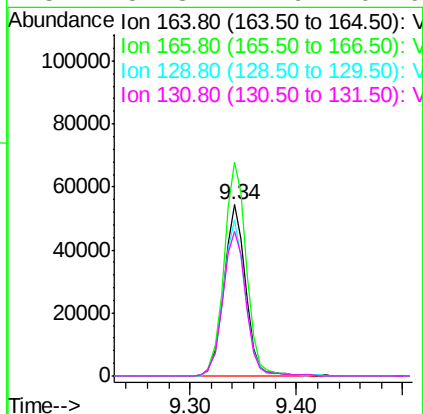
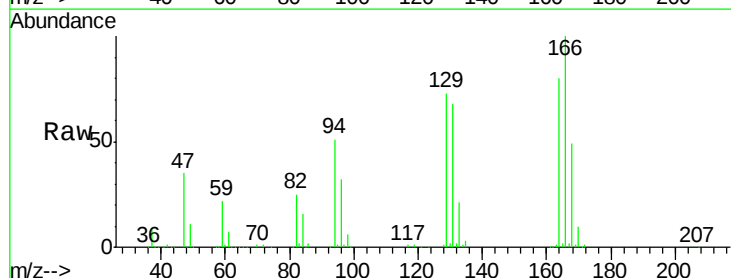
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

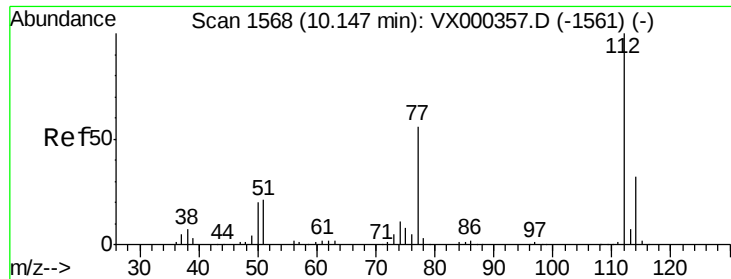
Tgt Ion:117 Resp: 222286
Ion Ratio Lower Upper
117 100
82 53.2 43.8 65.8
119 31.9 24.9 37.3



#64
Tetrachloroethene
Concen: 45.23 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000432.D
Acq: 23 Mar 2018 17:23

Tgt Ion:164 Resp: 78019
Ion Ratio Lower Upper
164 100
166 124.6 101.0 151.6
129 91.3 79.0 118.4
131 84.3 71.9 107.9

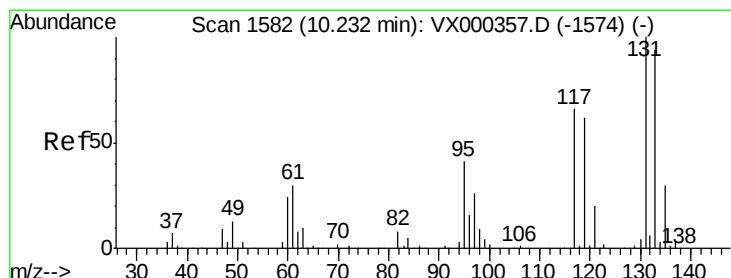
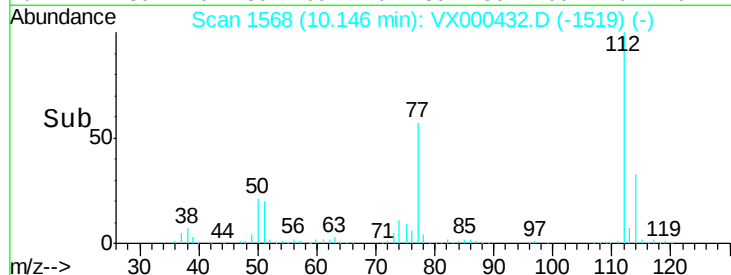
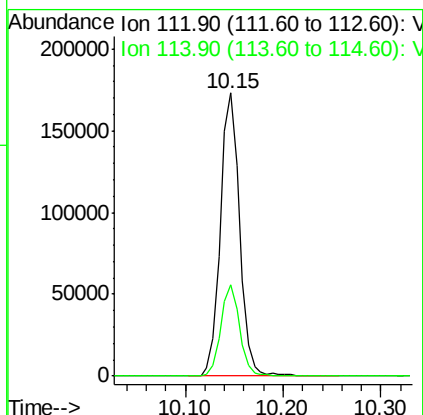
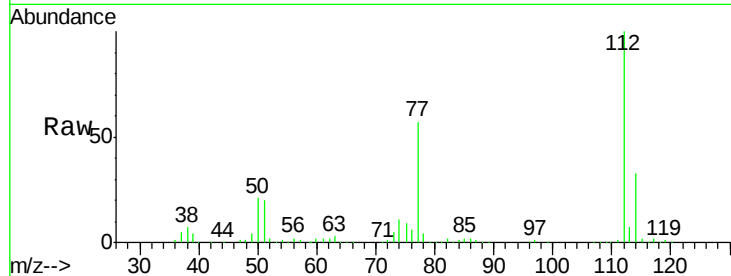




#65
Chlorobenzene
Concen: 47.70 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000432.D
Acq: 23 Mar 2018 17:23

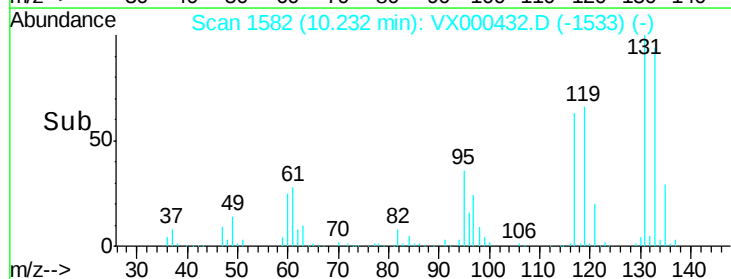
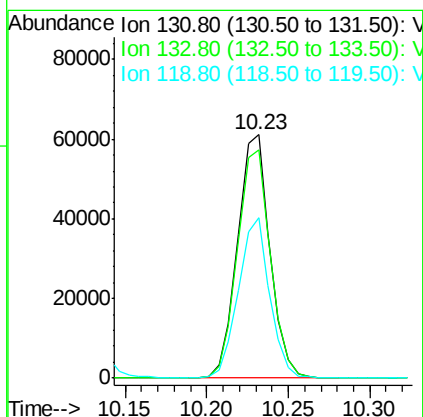
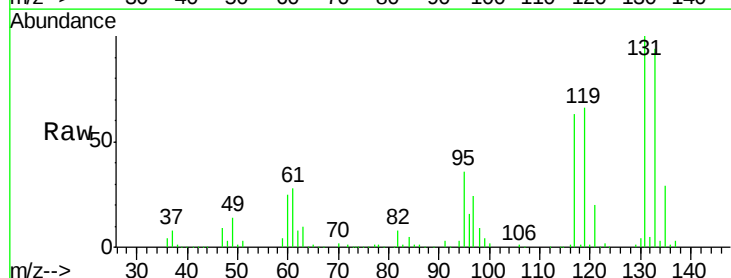
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

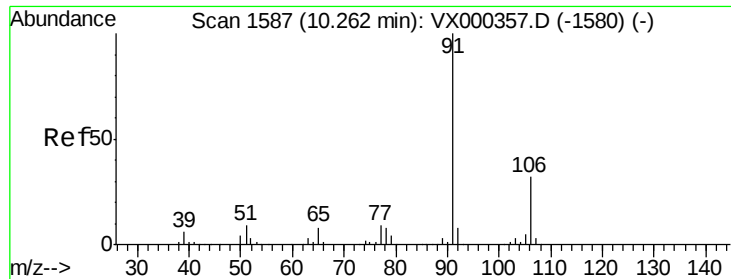
Tgt Ion:112 Resp: 235942
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.24 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000432.D
Acq: 23 Mar 2018 17:23

Tgt Ion:131 Resp: 84402
Ion Ratio Lower Upper
131 100
133 95.6 47.1 141.3
119 64.2 33.1 99.2

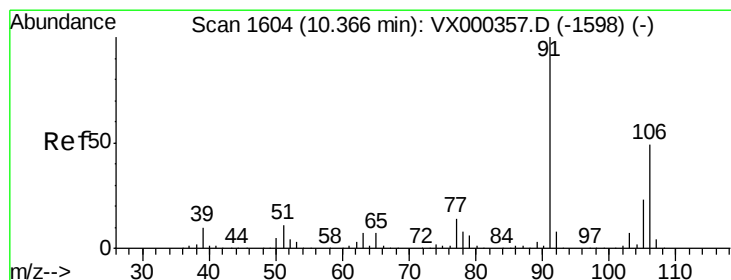
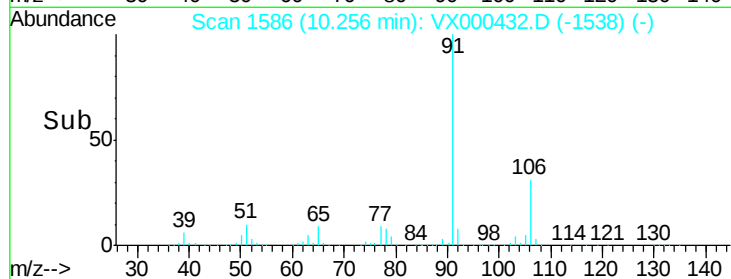
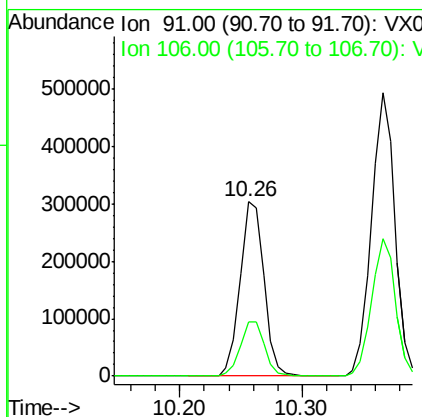
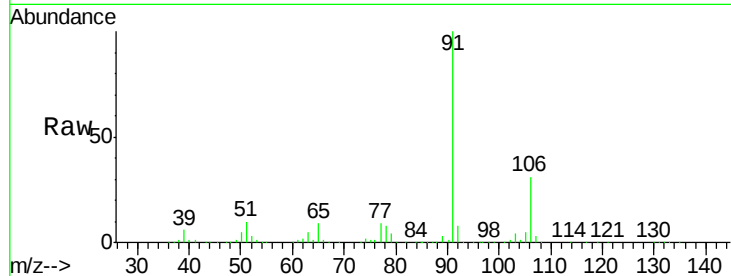




#67
Ethyl Benzene
Concen: 48.80 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000432.D
Acq: 23 Mar 2018 17:23

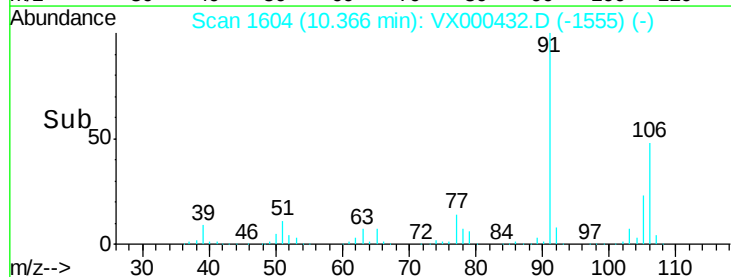
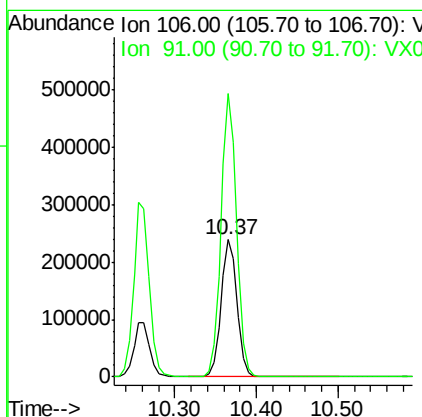
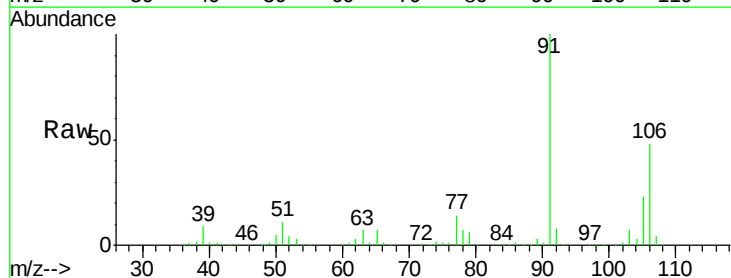
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 409196
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.6



#68
m/p-Xylenes
Concen: 98.31 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000432.D
Acq: 23 Mar 2018 17:23

Tgt Ion: 106 Resp: 324394
Ion Ratio Lower Upper
106 100
91 202.7 163.4 245.2

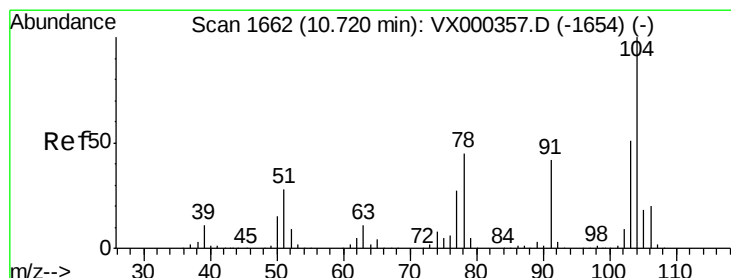
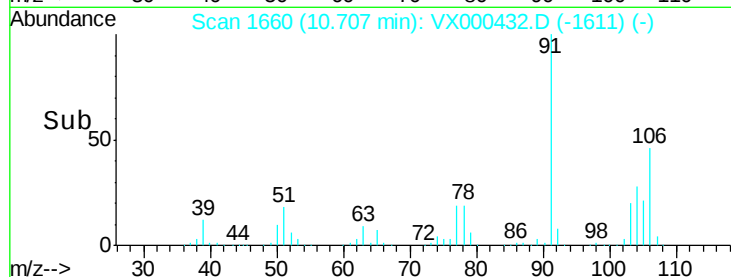
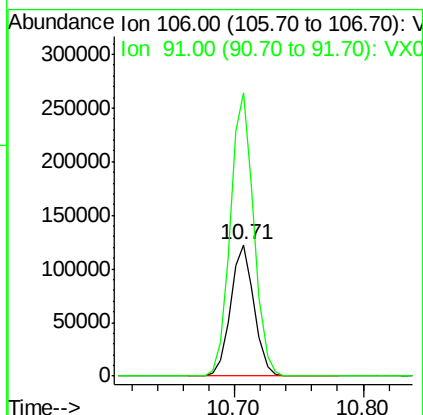
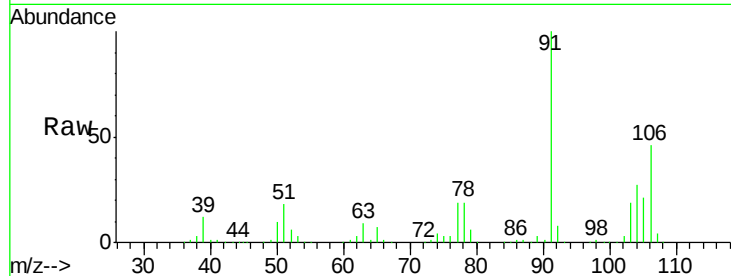




#69
o-Xylene
Concen: 48.76 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000432.D
Acq: 23 Mar 2018 17:23

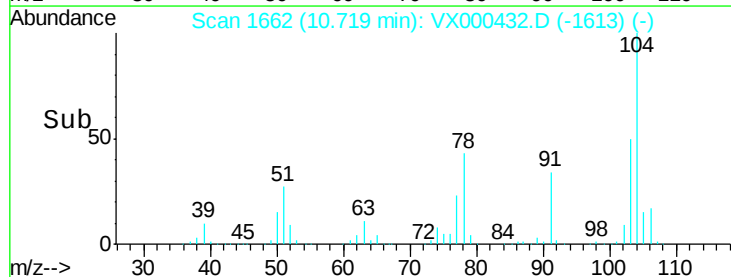
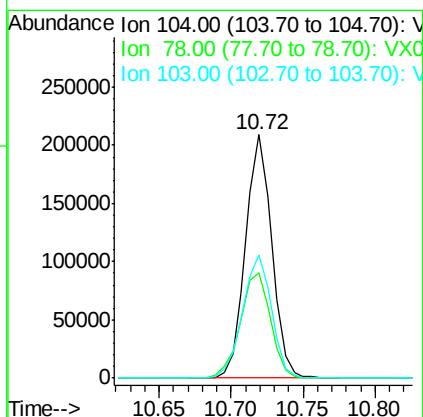
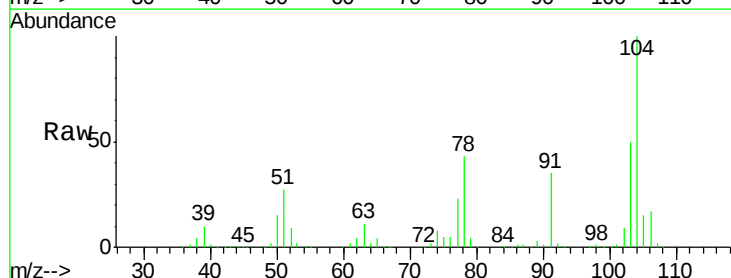
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

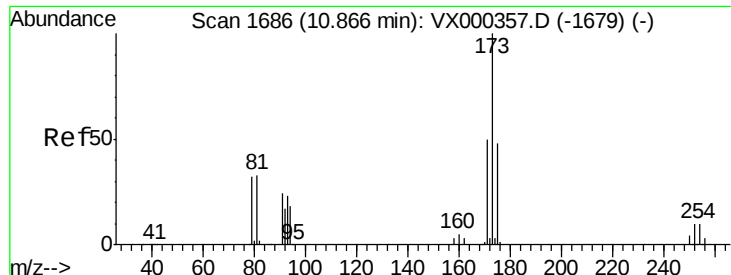
Tgt Ion:106 Resp: 155783
Ion Ratio Lower Upper
106 100
91 215.8 106.5 319.6



#70
Styrene
Concen: 49.72 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000432.D
Acq: 23 Mar 2018 17:23

Tgt Ion:104 Resp: 262856
Ion Ratio Lower Upper
104 100
78 50.0 40.5 60.7
103 56.2 45.7 68.5





#71

Bromoform

Concen: 42.13 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

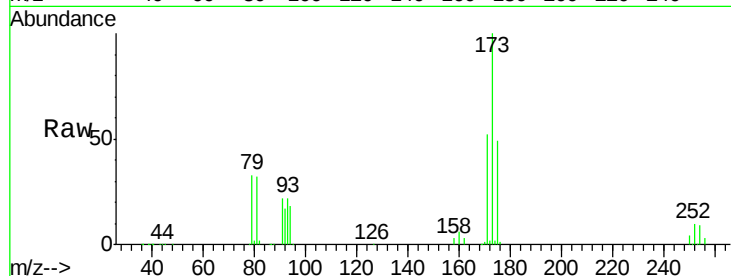
Tgt Ion:173 Resp: 72306

Ion Ratio Lower Upper

173 100

175 48.4 25.4 76.4

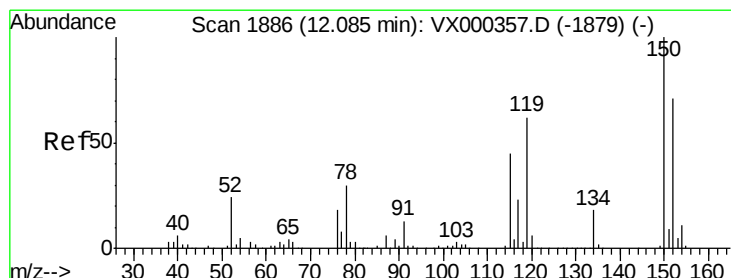
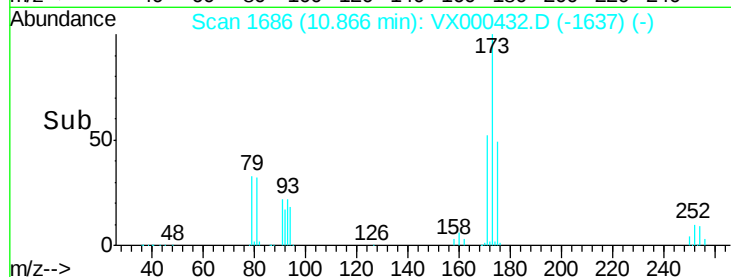
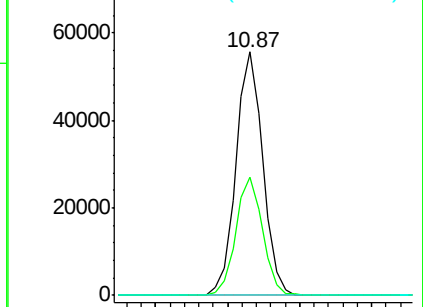
254 0.1 0.0 0.0#



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# 1886

Delta R.T. -0.00 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

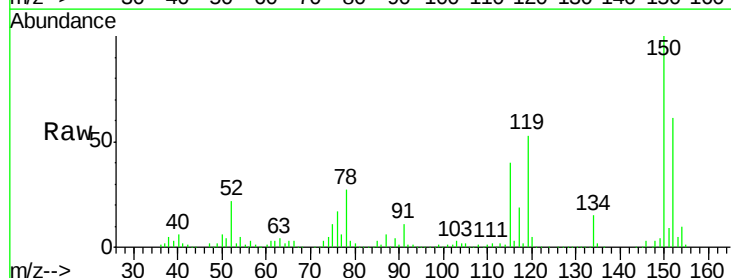
Tgt Ion:152 Resp: 133518

Ion Ratio Lower Upper

152 100

115 85.3 39.8 119.3

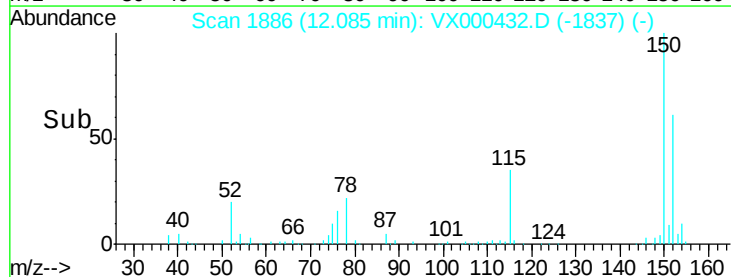
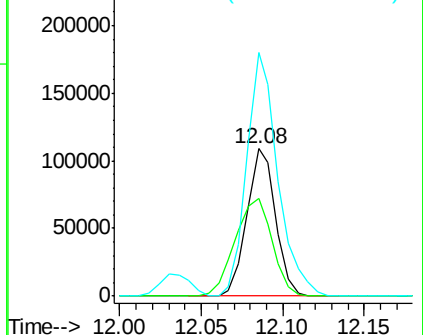
150 180.1 0.0 344.4

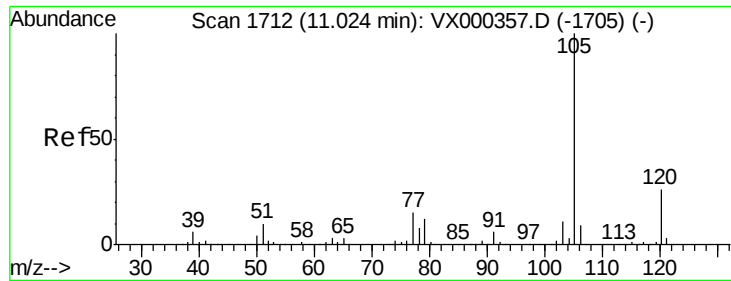


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.47 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

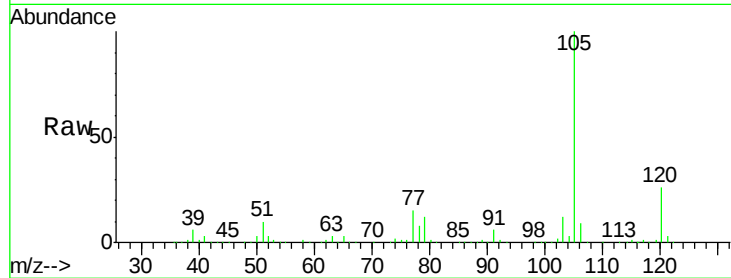
VSTDCCC050EC

Tgt Ion:105 Resp: 437648

Ion Ratio Lower Upper

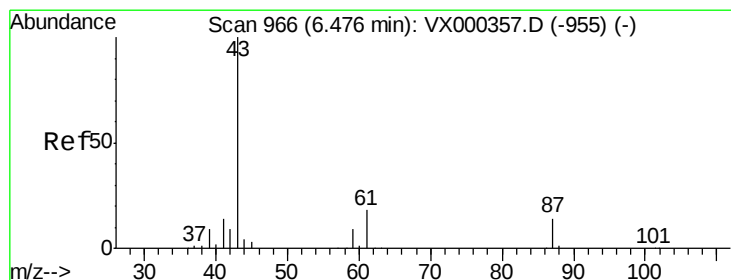
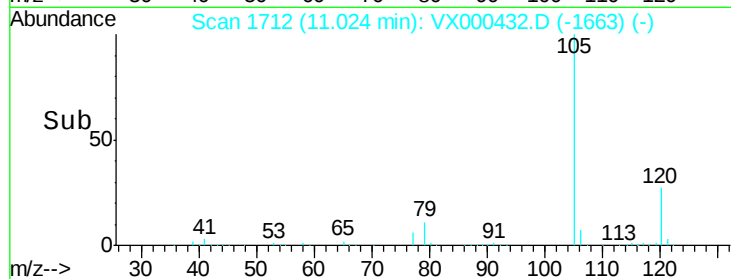
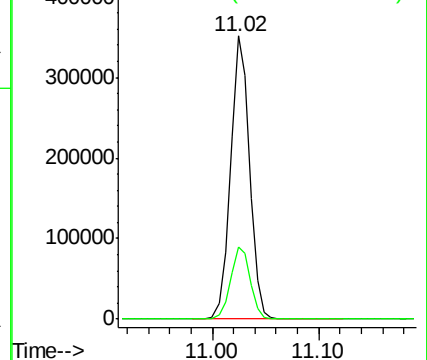
105 100

120 26.5 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.86 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

Tgt Ion: 43 Resp: 203116

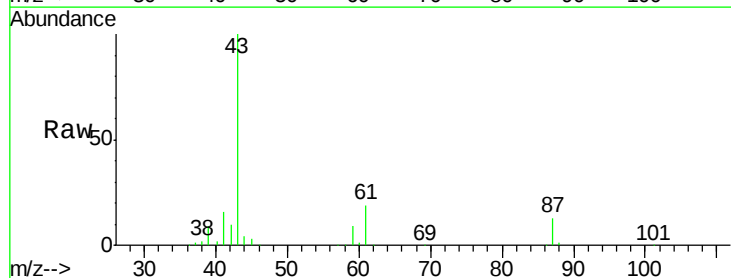
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.7 14.4 21.6

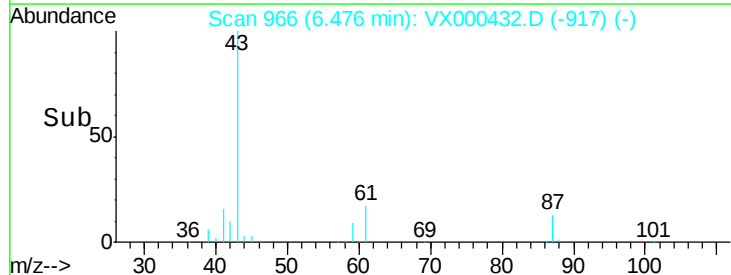
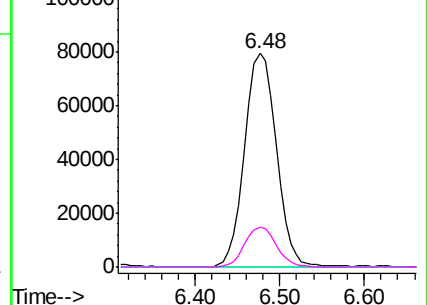


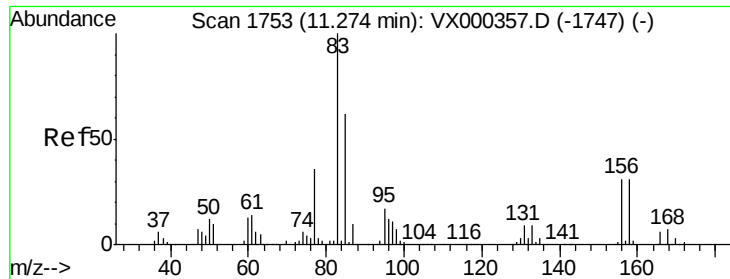
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

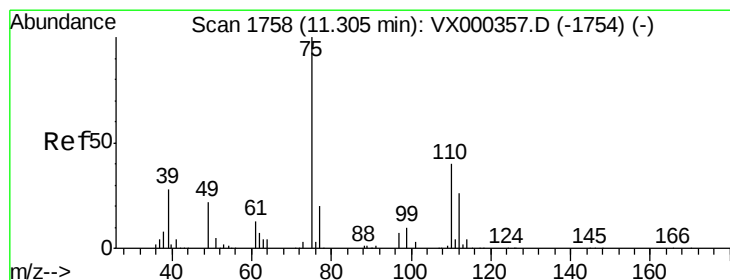
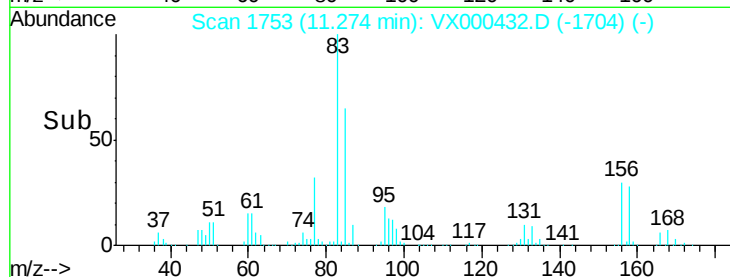
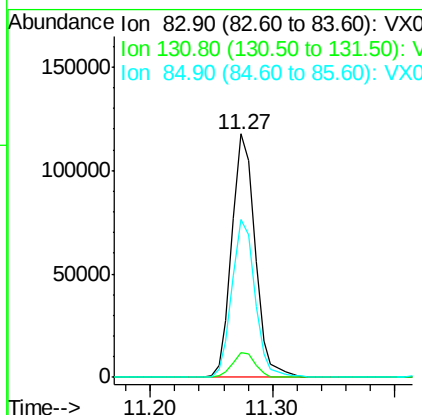
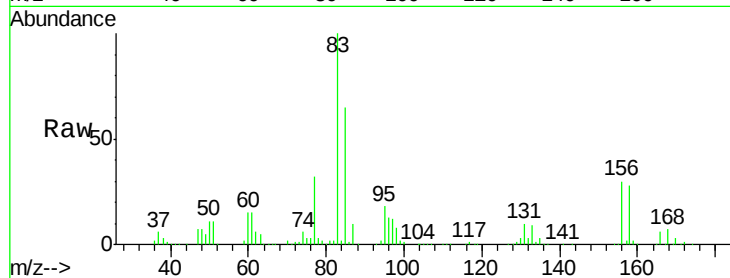




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.43 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX000432.D
 Acq: 23 Mar 2018 17:23

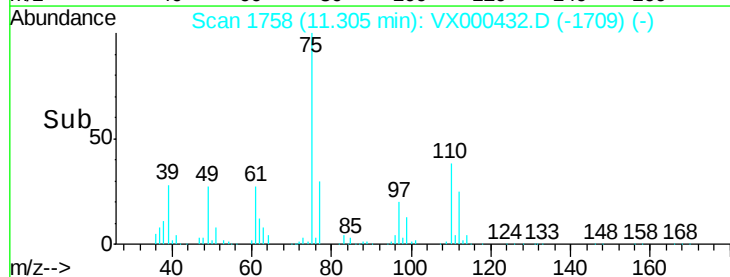
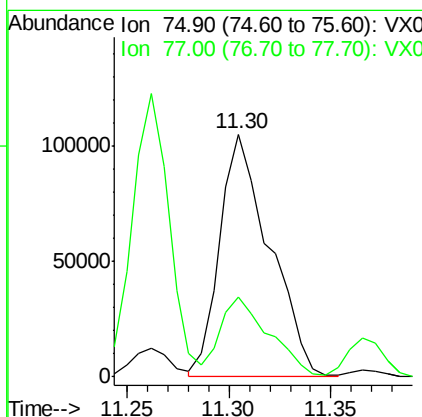
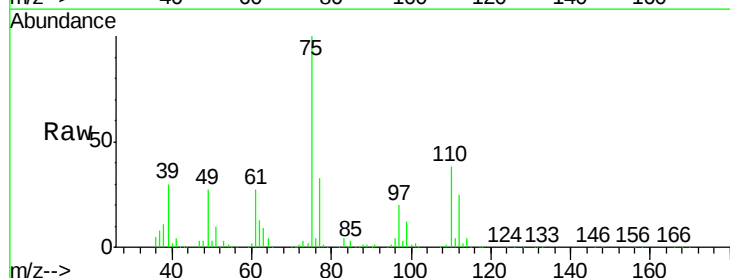
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

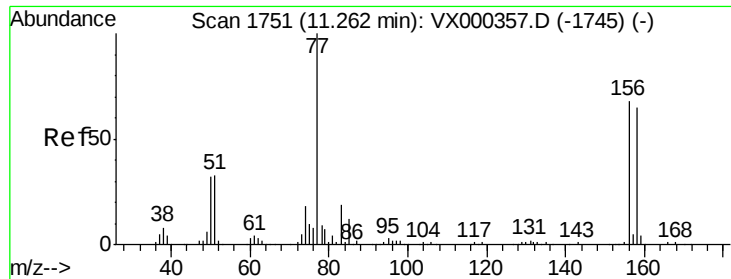
Tgt Ion: 83 Resp: 154663
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.0 14.9
 85 64.5 32.5 97.5



#76
 1,2,3-Trichloropropane
 Concen: 62.12 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX000432.D
 Acq: 23 Mar 2018 17:23

Tgt Ion: 75 Resp: 178250
 Ion Ratio Lower Upper
 75 100
 77 32.5 21.4 64.2





#77

Bromobenzene

Concen: 45.64 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

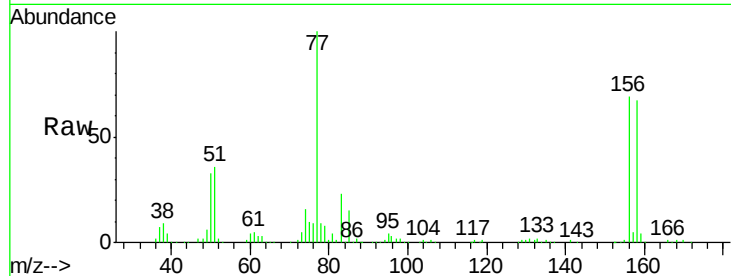
Tgt Ion:156 Resp: 107552

Ion Ratio Lower Upper

156 100

77 143.9 73.4 220.2

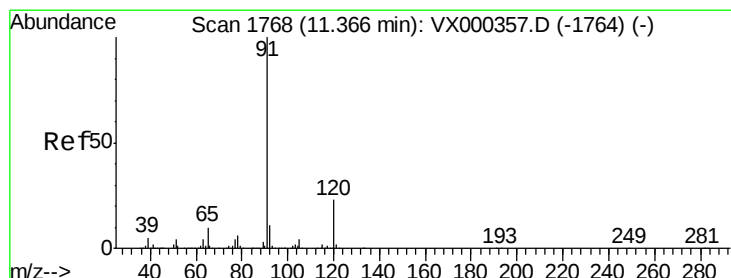
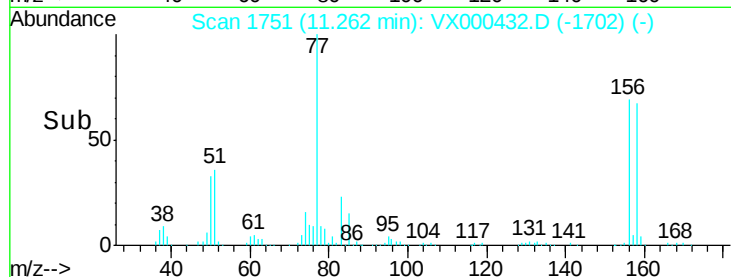
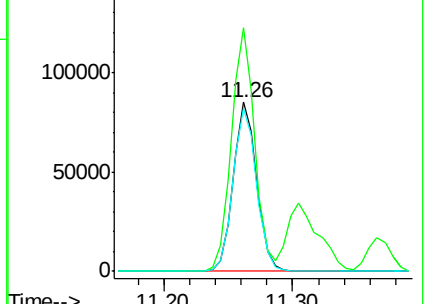
158 97.4 48.5 145.6



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: 49.36 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000432.D

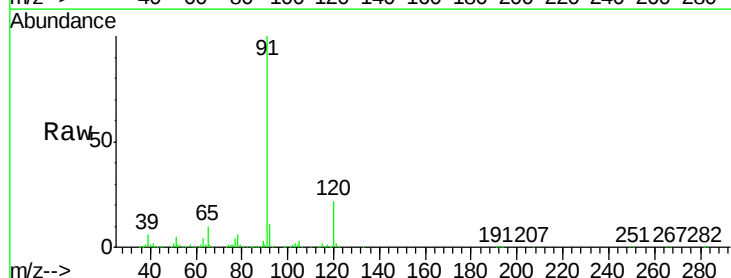
Acq: 23 Mar 2018 17:23

Tgt Ion: 91 Resp: 520656

Ion Ratio Lower Upper

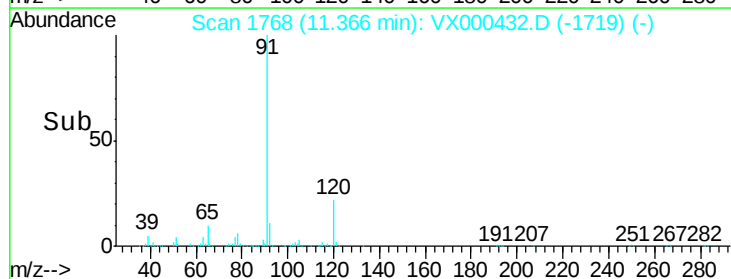
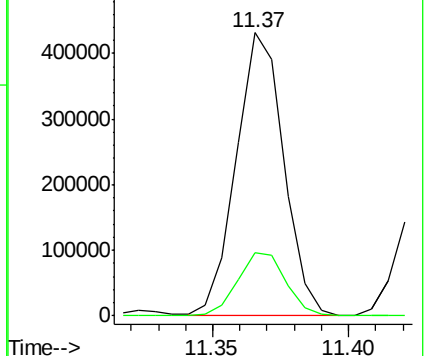
91 100

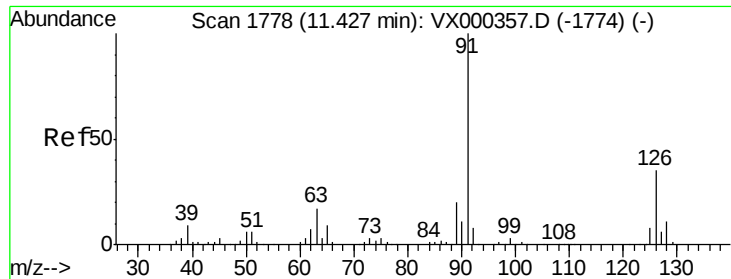
120 22.8 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.33 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

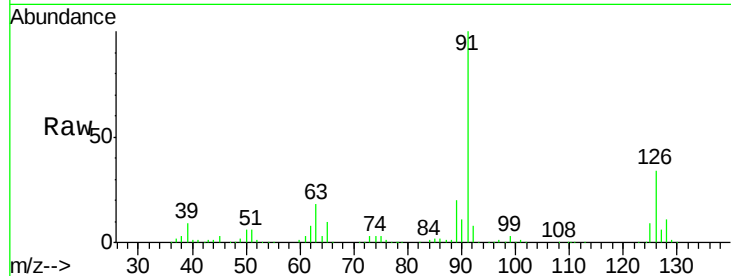
VSTDCCC050EC

Tgt Ion: 91 Resp: 288389

Ion Ratio Lower Upper

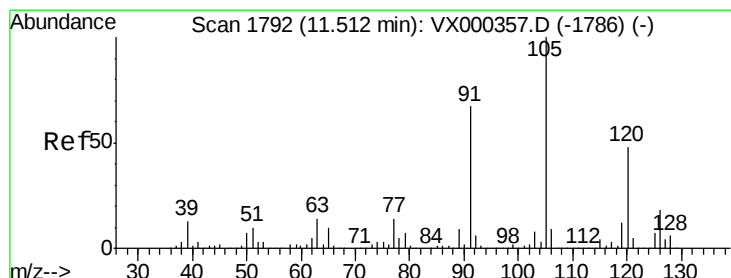
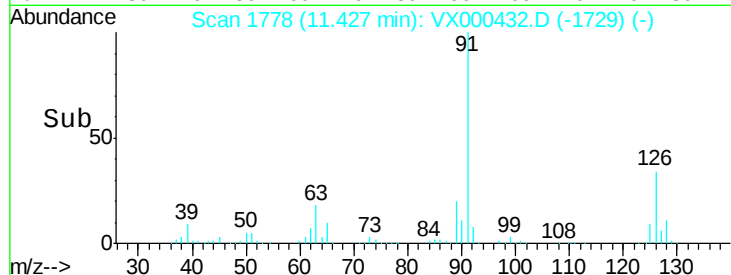
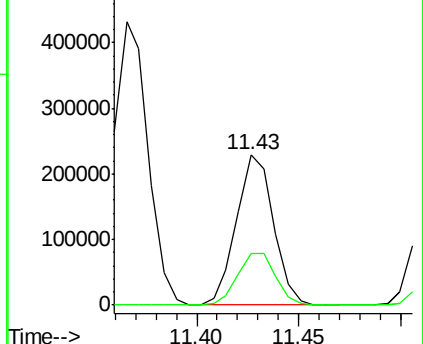
91 100

126 35.9 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.96 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000432.D

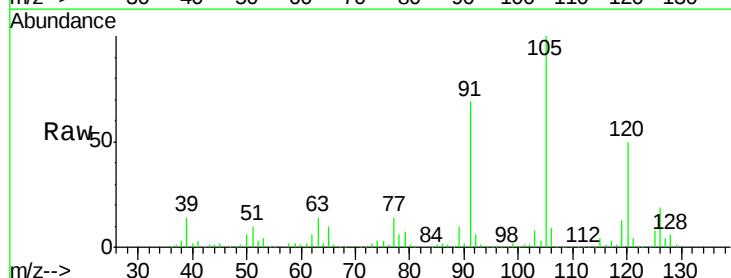
Acq: 23 Mar 2018 17:23

Tgt Ion: 105 Resp: 379077

Ion Ratio Lower Upper

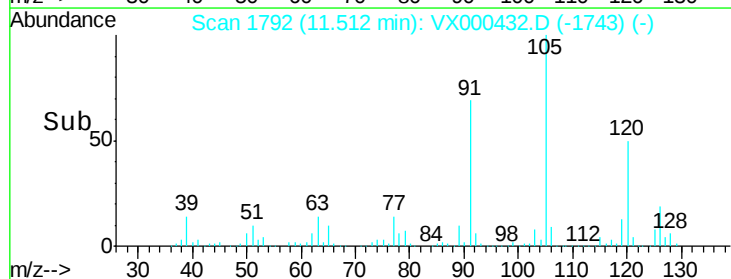
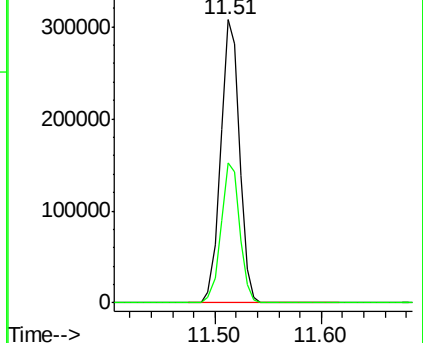
105 100

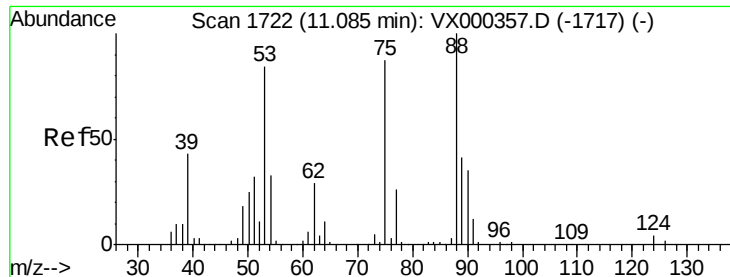
120 49.2 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 50.02 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

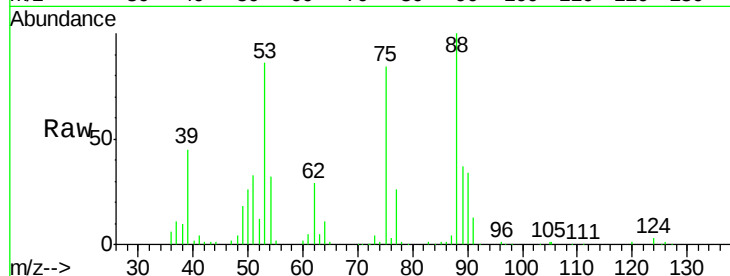
Tgt Ion: 75 Resp: 44332

Ion Ratio Lower Upper

75 100

53 105.8 80.7 121.1

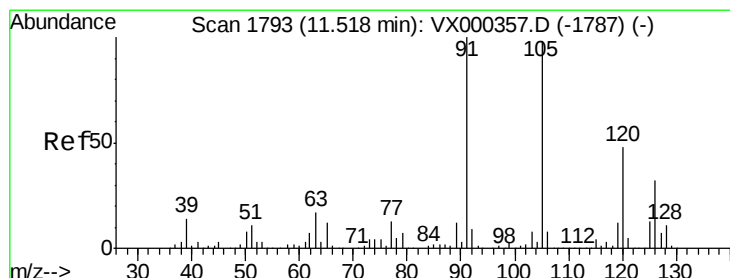
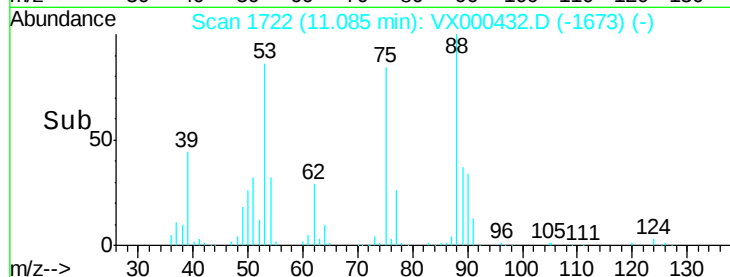
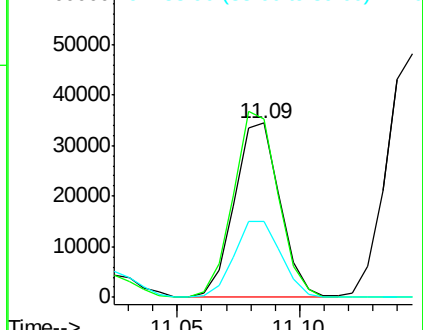
89 45.1 39.4 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.55 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000432.D

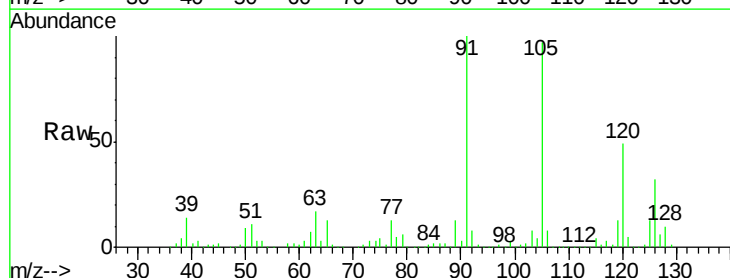
Acq: 23 Mar 2018 17:23

Tgt Ion: 91 Resp: 353221

Ion Ratio Lower Upper

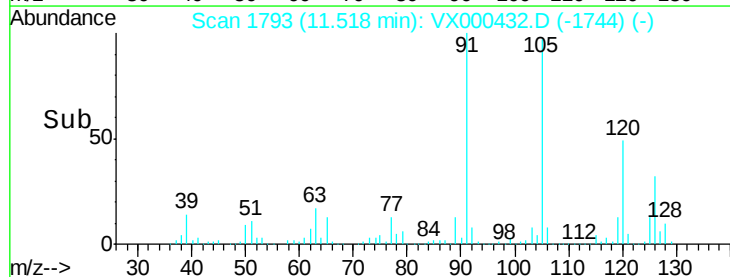
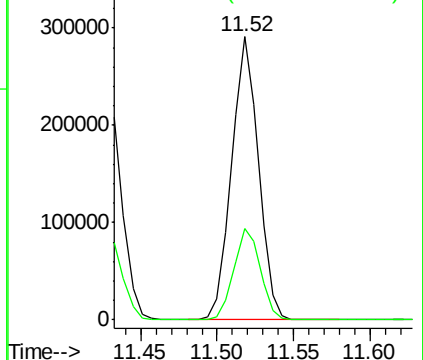
91 100

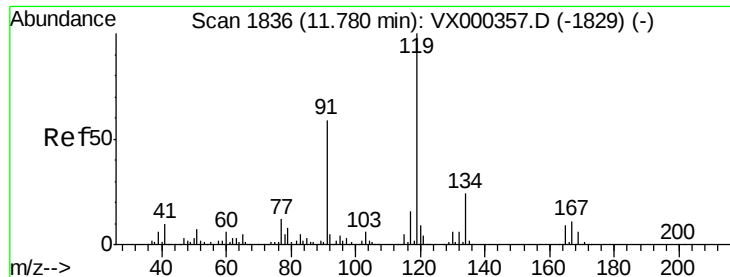
126 32.1 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

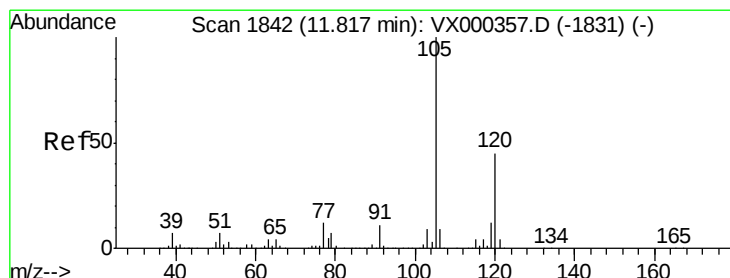
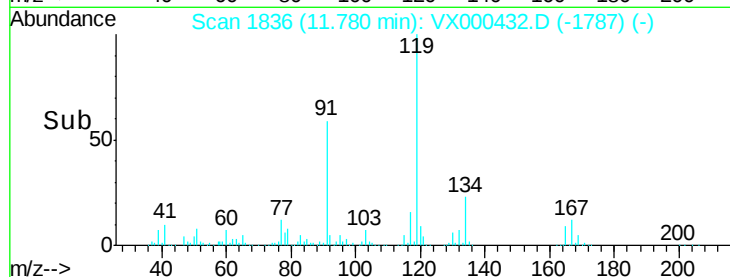
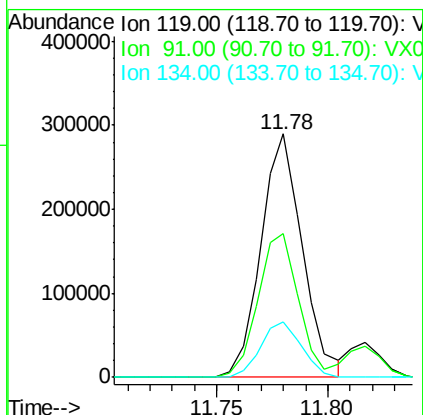
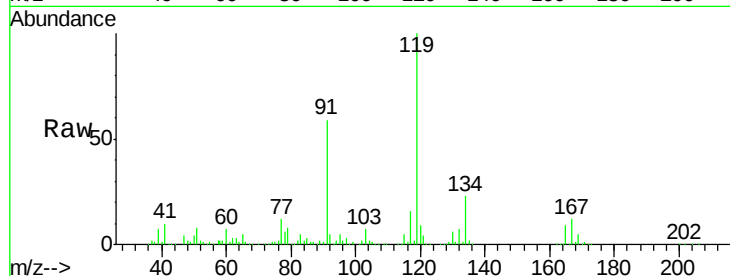




#83
 tert-Butylbenzene
 Concen: 49.94 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000432.D
 Acq: 23 Mar 2018 17:23

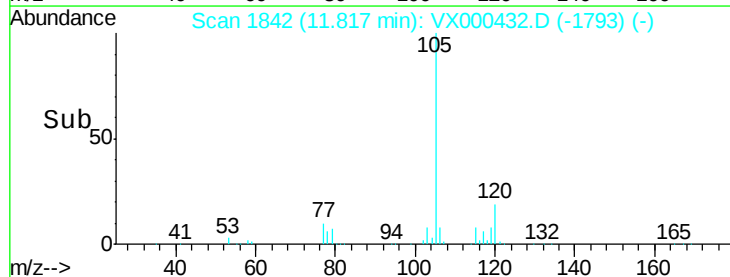
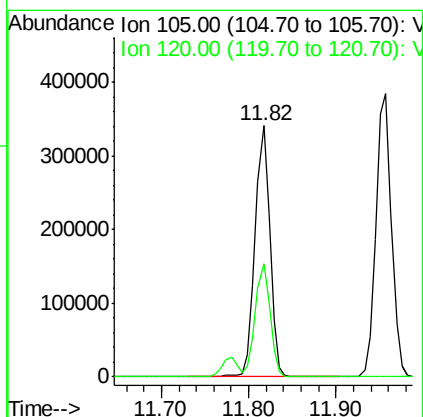
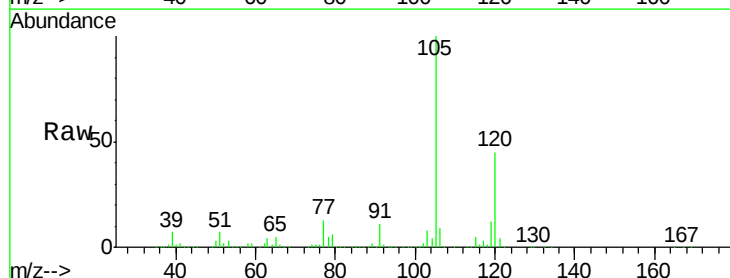
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

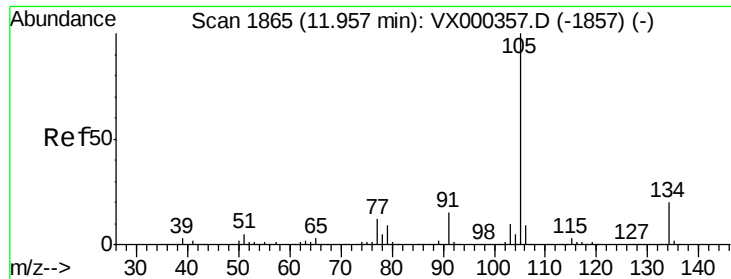
Tgt Ion:119 Resp: 374679
 Ion Ratio Lower Upper
 119 100
 91 57.8 28.8 86.4
 134 22.9 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.04 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000432.D
 Acq: 23 Mar 2018 17:23

Tgt Ion:105 Resp: 398022
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3

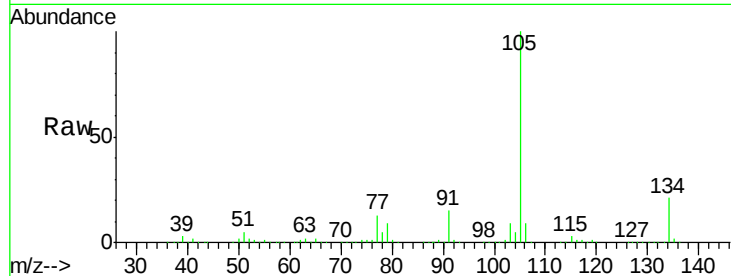




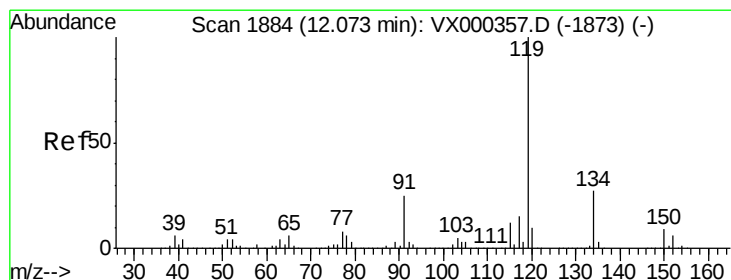
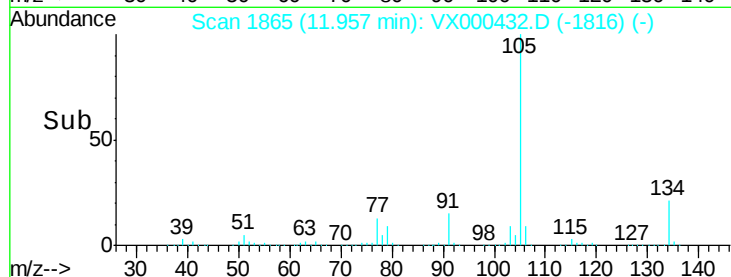
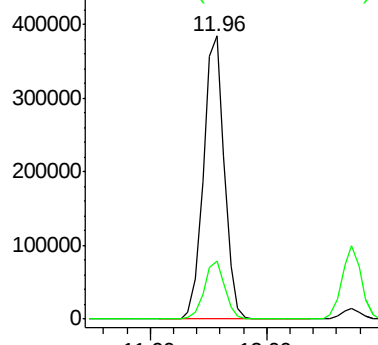
#85
 sec-Butylbenzene
 Concen: 51.33 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000432.D
 Acq: 23 Mar 2018 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 476493
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.8

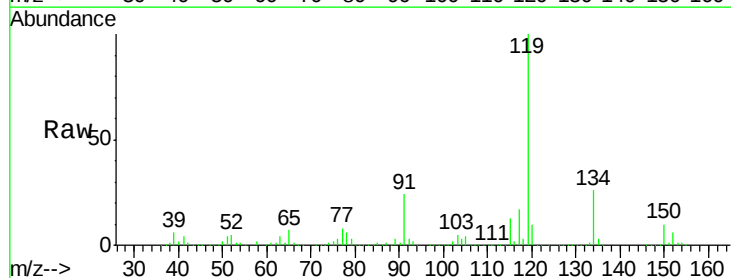


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

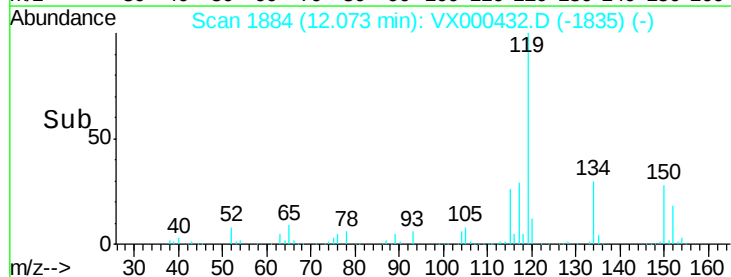
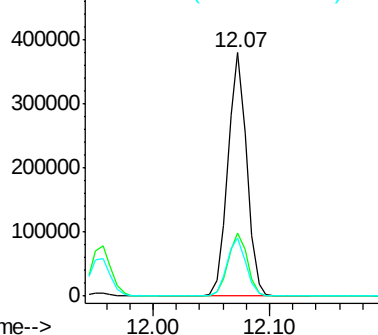


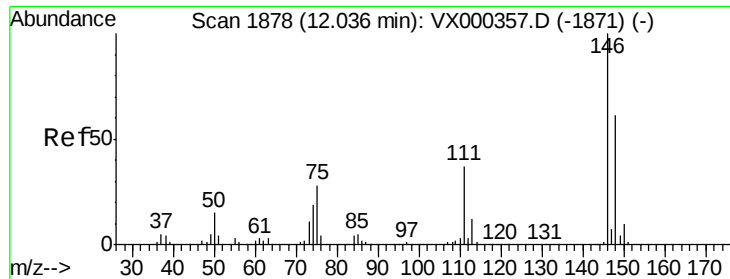
#86
 p-Isopropyltoluene
 Concen: 52.10 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000432.D
 Acq: 23 Mar 2018 17:23

Tgt Ion:119 Resp: 429476
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.9
 91 24.2 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

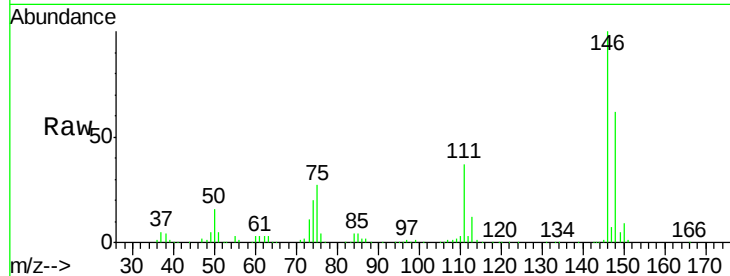




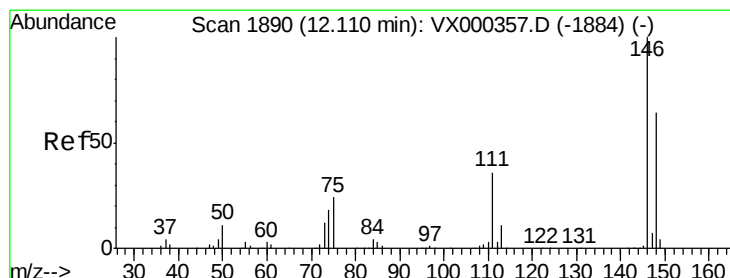
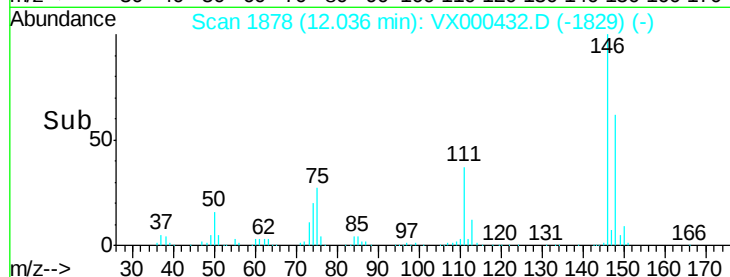
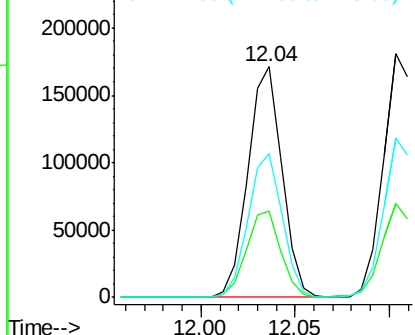
#87
 1,3-Dichlorobenzene
 Concen: 48.13 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000432.D
 Acq: 23 Mar 2018 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 214455
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.5 58.5
 148 62.7 32.4 97.0

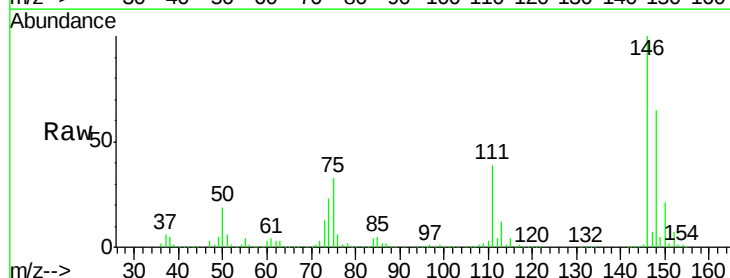


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

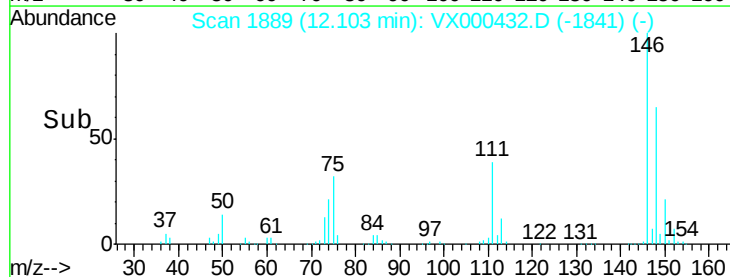
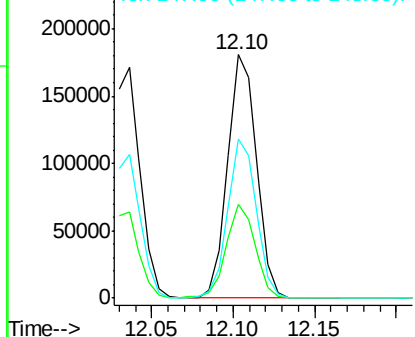


#88
 1,4-Dichlorobenzene
 Concen: 47.47 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000432.D
 Acq: 23 Mar 2018 17:23

Tgt Ion:146 Resp: 222057
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.9 56.9
 148 64.6 31.0 93.0



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





#89

n-Butylbenzene

Concen: 52.28 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000432.D

Acq: 23 Mar 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

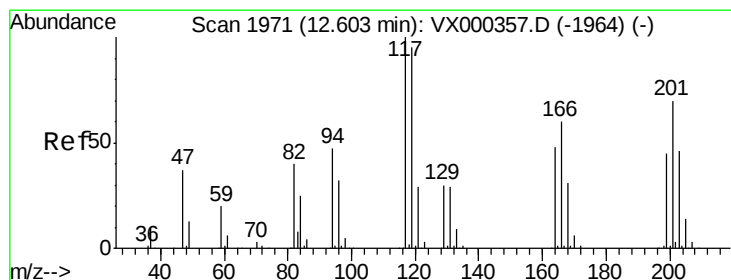
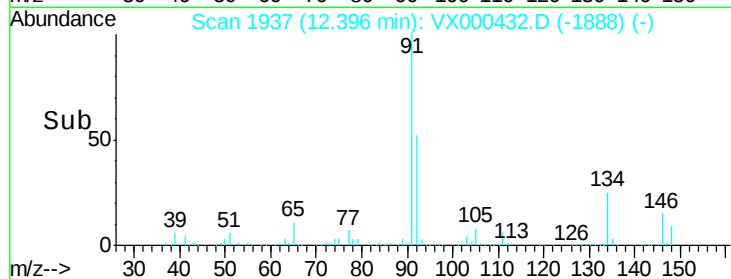
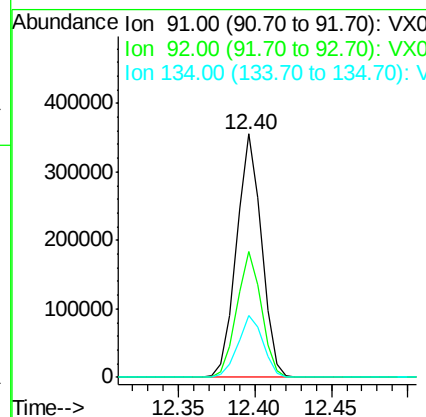
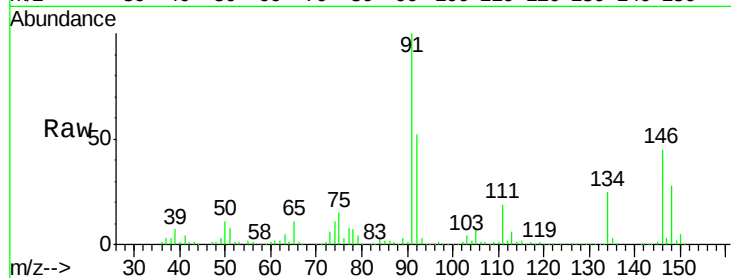
Tgt Ion: 91 Resp: 401294

Ion Ratio Lower Upper

91 100

92 50.9 25.9 77.8

134 25.4 13.1 39.3



#90

Hexachloroethane

Concen: 53.37 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000432.D

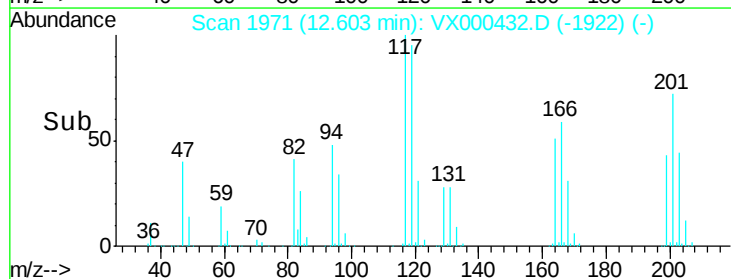
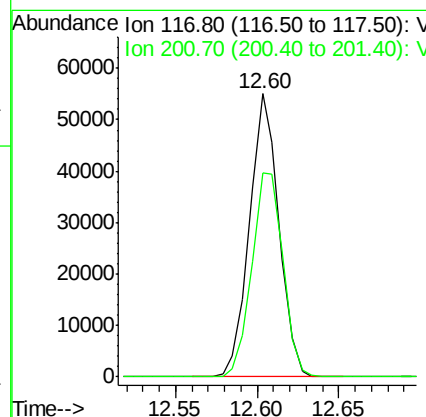
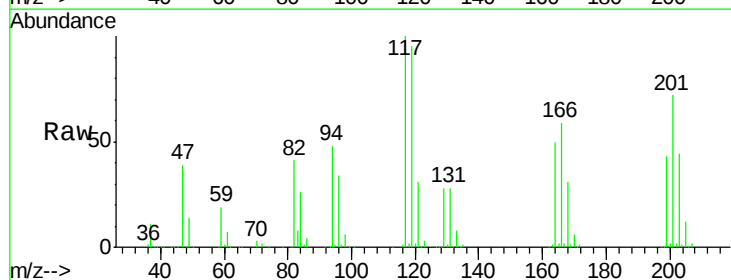
Acq: 23 Mar 2018 17:23

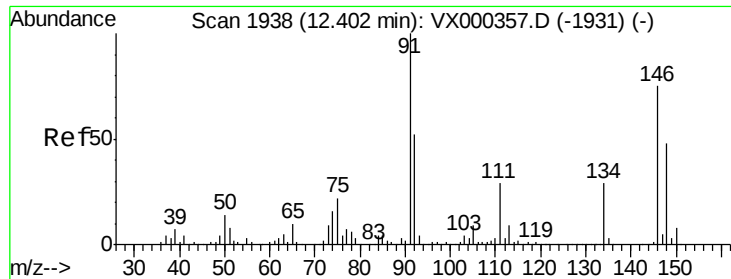
Tgt Ion: 117 Resp: 69246

Ion Ratio Lower Upper

117 100

201 76.5 37.9 113.6

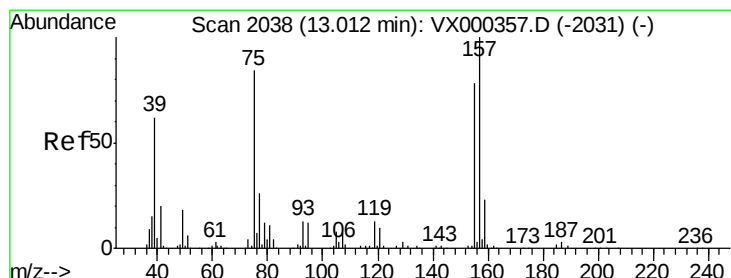
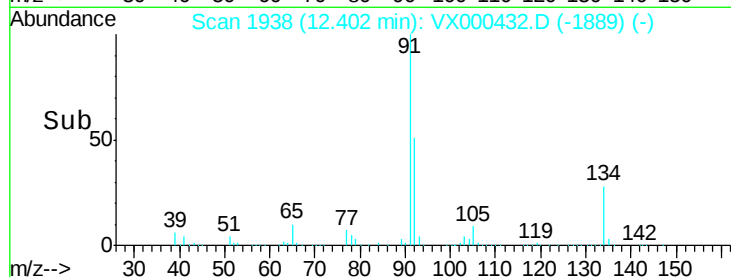
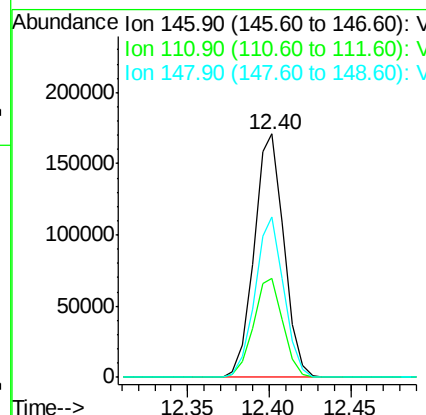
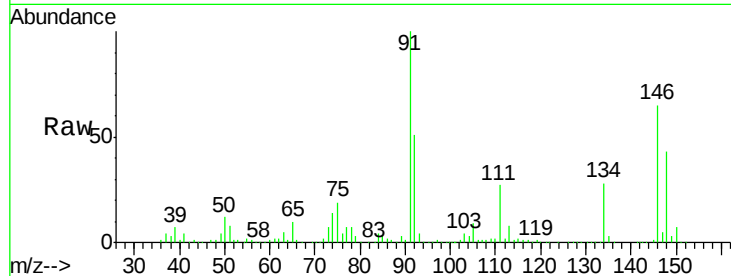




#91
1,2-Dichlorobenzene
Concen: 49.63 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VX000432.D
Acq: 23 Mar 2018 17:23

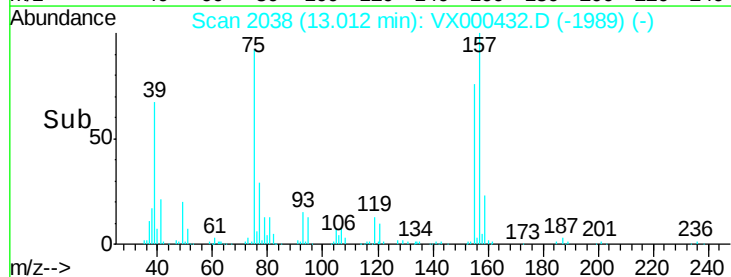
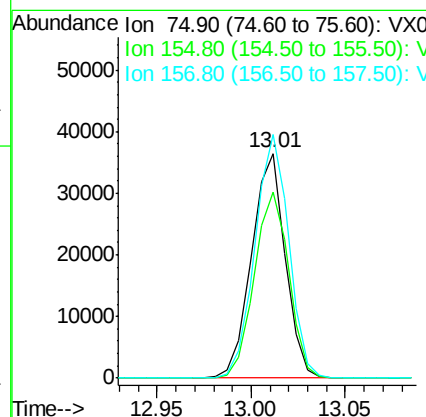
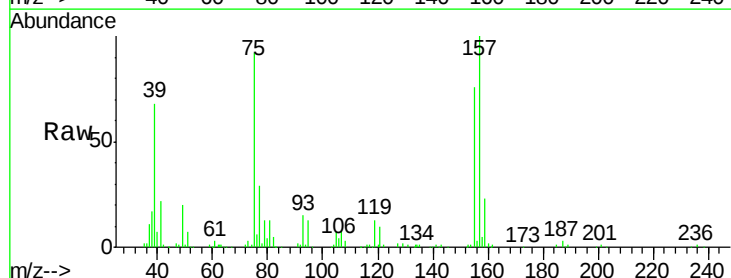
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

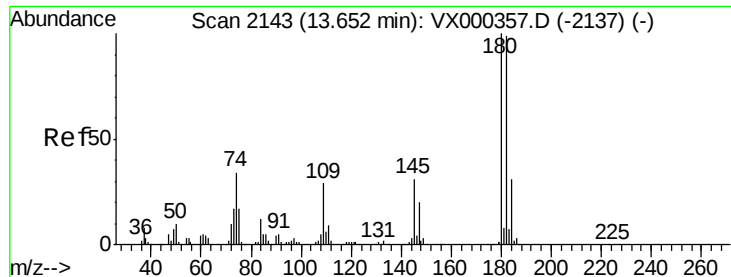
Tgt Ion:146 Resp: 216810
Ion Ratio Lower Upper
146 100
111 40.5 20.1 60.2
148 63.9 31.2 93.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.61 ug/l
RT: 13.01 min Scan# 2038
Delta R.T. -0.00 min
Lab File: VX000432.D
Acq: 23 Mar 2018 17:23

Tgt Ion: 75 Resp: 45034
Ion Ratio Lower Upper
75 100
155 84.7 45.0 134.8
157 108.9 58.1 174.2

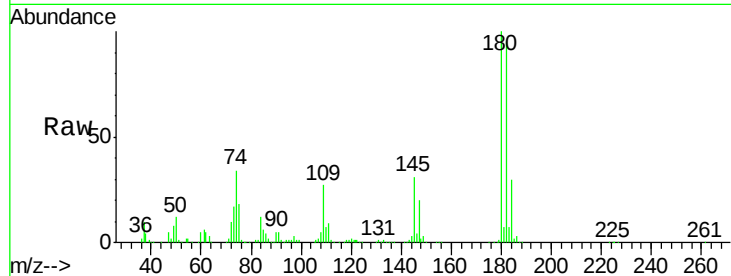




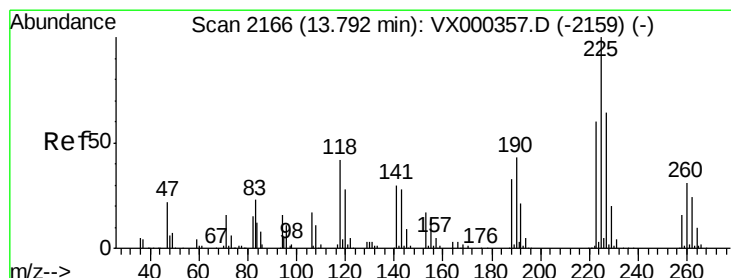
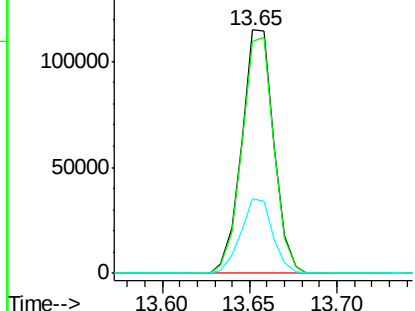
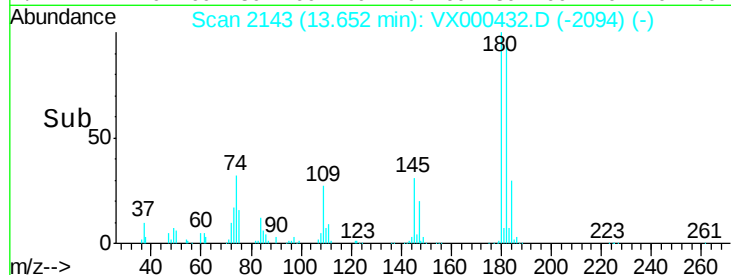
#93
 1,2,4-Trichlorobenzene
 Concen: 46.62 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000432.D
 Acq: 23 Mar 2018 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 146011
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.6 142.9
 145 30.5 15.1 45.3

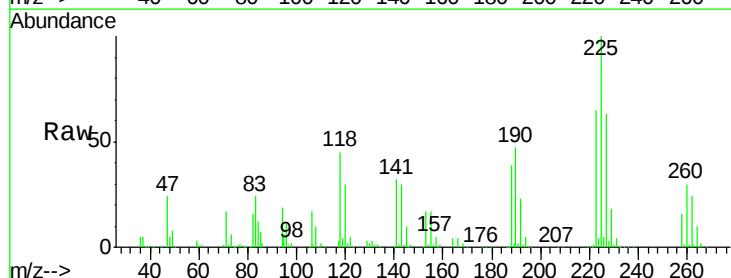


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

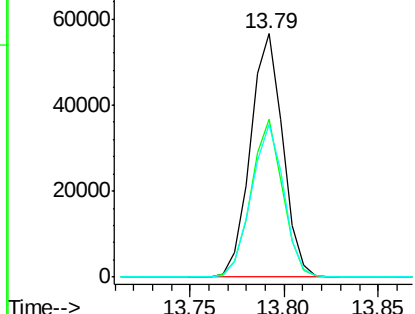
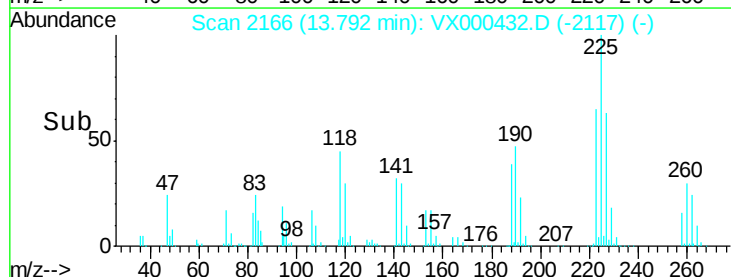


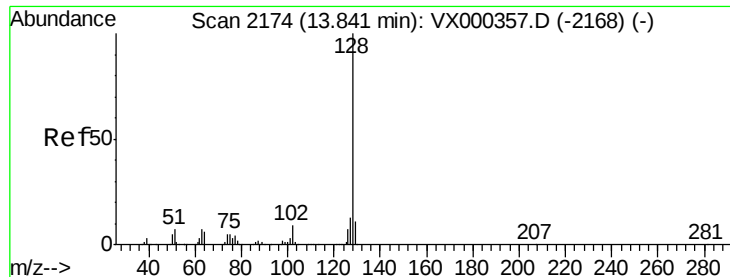
#94
 Hexachlorobutadiene
 Concen: 51.76 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000432.D
 Acq: 23 Mar 2018 17:23

Tgt Ion:225 Resp: 67126
 Ion Ratio Lower Upper
 225 100
 223 63.3 32.0 96.0
 227 63.0 32.6 98.0



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

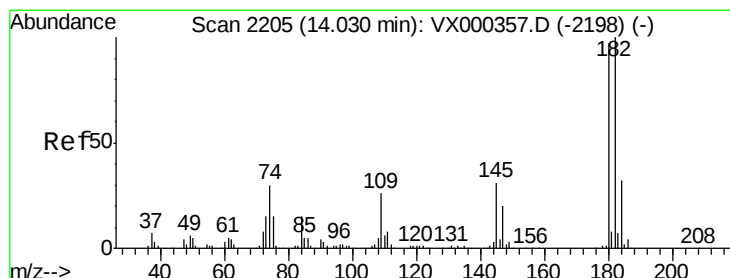
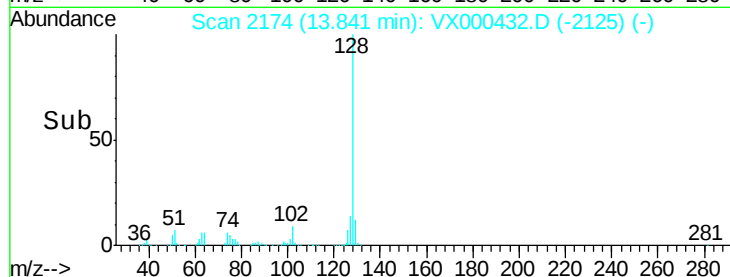
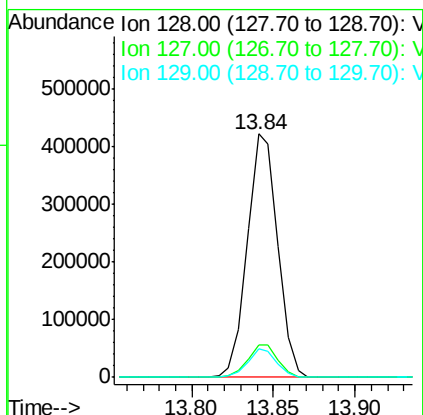
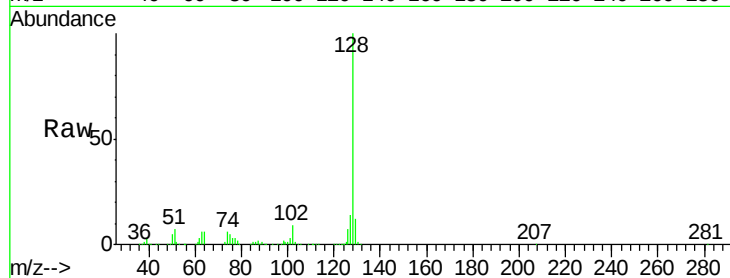




#95
Naphthalene
Concen: 50.12 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000432.D
Acq: 23 Mar 2018 17:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 546818
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 49.35 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000432.D
Acq: 23 Mar 2018 17:23

Tgt Ion:180 Resp: 152734
Ion Ratio Lower Upper
180 100
182 93.7 47.4 142.3
145 31.5 15.8 47.3

