

Data File : VX001267.D

Acq On : 30 Apr 2018 21:46

Operator : JC/MD

Sample : VSTDCCC020

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Quant Time: May 01 03:20:06 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X043018W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Mon Apr 30 16:58:22 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	34107	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	194241	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	181360	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	75875	30.84	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.80%
60) 4-Bromofluorobenzene	11.14	95	87846	28.91	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.37%
63) Toluene-d8	8.72	98	234874	30.20	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.67%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45787	20.48	ug/l	99
3) Chloromethane	1.32	50	42816	20.51	ug/l	98
4) Vinyl Chloride	1.40	62	44747	20.44	ug/l	98
5) Bromomethane	1.65	94	33777	20.43	ug/l	98
6) Chloroethane	1.73	64	27637	20.63	ug/l	99
7) Trichlorofluoromethane	1.93	101	76573	21.06	ug/l	99
8) Diethyl Ether	2.19	74	27202	21.54	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	41766	20.25	ug/l	94
10) 1,1-Dichloroethene	2.38	96	38990	20.87	ug/l	90
11) Methyl Iodide	2.52	142	40192	17.69	ug/l	93
12) Methyl Acetate	2.78	43	56402	22.96	ug/l	99
13) Acrolein	2.30	56	29138	19.89	ug/l	99
14) Acrylonitrile	3.15	53	111568	22.83	ug/l	99
15) Acetone	2.45	58	31054	20.42	ug/l	95
16) Carbon Disulfide	2.57	76	95409	19.20	ug/l	99
17) Allyl chloride	2.73	41	68697	20.72	ug/l	98
18) Methylene Chloride	2.86	84	42179	20.71	ug/l	99
19) trans-1,2-Dichloroethene	3.17	96	40944	20.33	ug/l	94
20) Diisopropyl ether	3.88	45	128620	19.71	ug/l	98
21) 1,1-Dichloroethane	3.70	63	69883	19.93	ug/l	100
22) cis-1,2-Dichloroethene	4.60	96	44681	19.86	ug/l	100
23) tert-Butyl Alcohol	3.07	59	51255	25.66	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	133960	20.91	ug/l	93
25) Chloroform	5.23	83	76025	19.92	ug/l	97
26) Cyclohexane	5.59	56	62504	19.61	ug/l #	94
29) 1,1-Dichloropropene	5.81	75	54775	19.03	ug/l	99
30) 2-Butanone	4.71	43	153431	20.81	ug/l	97
31) 2,2-Dichloropropane	4.59	77	53358	16.98	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	65555	18.83	ug/l	99
33) Carbon Tetrachloride	5.79	117	56750	18.08	ug/l	95
34) Benzene	6.15	78	163408	19.16	ug/l	96
35) Methacrylonitrile	5.07	41	32905	20.11	ug/l	92
36) 1,2-Dichloroethane	6.20	62	64064	19.57	ug/l	100
37) Trichloroethene	7.22	130	49651	19.20	ug/l	95
38) Methylcyclohexane	7.46	83	63198	18.66	ug/l	96
39) 1,2-Dichloropropane	7.52	63	41485	19.18	ug/l	98
40) Dibromomethane	7.67	93	29529	19.41	ug/l	86

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Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC020EC

Quant Time: May 01 03:20:06 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X043018W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Mon Apr 30 16:58:22 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	52249	18.18	ug/l	98
42) Vinyl Acetate	3.83	43	546462	18.84	ug/l	98
43) Ethyl Acetate	4.87	43	59139	20.82	ug/l	97
44) Isopropyl Acetate	6.48	43	95299	19.72	ug/l	97
45) 1,4-Dioxane	7.76	88	19962	454.48	ug/l	96
46) Methyl methacrylate	7.78	41	49264	19.60	ug/l	91
47) n-amyl Acetate	10.90	43	83436	17.99	ug/l	100
48) t-1,3-Dichloropropene	8.44	75	60356	17.84	ug/l	96
49) cis-1,3-Dichloropropene	9.05	75	56256	17.36	ug/l	95
50) 1,1,2-Trichloroethane	9.22	97	43815	19.39	ug/l	97
51) Ethyl methacrylate	9.19	69	60939	18.93	ug/l	96
52) 1,3-Dichloropropane	9.38	76	72546	19.86	ug/l	99
53) Dibromochloromethane	9.59	129	43962	17.63	ug/l	97
54) 1,2-Dibromoethane	9.68	107	46759	19.34	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	157142	99.64	ug/l	99
56) Bromoform	10.86	173	35129	17.21	ug/l #	98
58) 4-Methyl-2-Pentanone	8.66	43	316685	21.04	ug/l	98
59) 2-Hexanone	9.50	43	237782	20.28	ug/l	97
61) Tetrachloroethene	9.34	164	56557	20.35	ug/l	92
62) Toluene	8.79	91	187129	19.20	ug/l	99
64) Chlorobenzene	10.15	112	125102	19.02	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.23	131	44525	18.54	ug/l	96
66) Ethyl Benzene	10.26	91	203980	18.75	ug/l	100
67) m/p-Xylenes	10.37	106	163529	18.92	ug/l	97
68) o-Xylene	10.70	106	79895	19.13	ug/l	99
69) Styrene	10.72	104	127758	18.38	ug/l	99
70) Isopropylbenzene	11.02	105	213457	18.82	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	64593	19.41	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	70560	23.70	ug/l	83
73) Bromobenzene	11.26	156	61723	18.72	ug/l	95
74) n-propylbenzene	11.37	91	240423	18.77	ug/l	99
75) 2-Chlorotoluene	11.43	91	145739	18.85	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	180850	18.71	ug/l	68
77) t-1,4-Dichloro-2-butene	11.08	75	14248	16.08	ug/l	77
78) 4-Chlorotoluene	11.52	91	169449	18.37	ug/l	99
79) tert-butylbenzene	12.07	119	199222	19.26	ug/l	94
80) 1,2,4-Trimethylbenzene	11.81	105	184849	18.79	ug/l	100
81) sec-Butylbenzene	11.95	105	215352	19.19	ug/l	99
82) p-Isopropyltoluene	12.07	119	199222	19.26	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	111130	18.49	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	112620	18.38	ug/l	98
85) n-Butylbenzene	12.40	91	164628	18.41	ug/l	98
86) Hexachloroethane	12.60	117	26602	16.83	ug/l	64
87) 1,2-Dichlorobenzene	12.40	146	112714	18.86	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	13340	19.19	ug/l	95
89) 1,2,4-Trichlorobenzene	13.65	180	86774	19.16	ug/l	98
90) Hexachlorobutadiene	13.79	225	46048	21.90	ug/l	96
91) Naphthalene	13.84	128	238873	20.33	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	88087	19.71	ug/l	96

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX043018\
Quantitation Report (Not Reviewed)

Data File : VX001267.D
Acq On : 30 Apr 2018 21:46
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Quant Time: May 01 03:20:06 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X043018W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Apr 30 16:58:22 2018
Response via : Initial Calibration

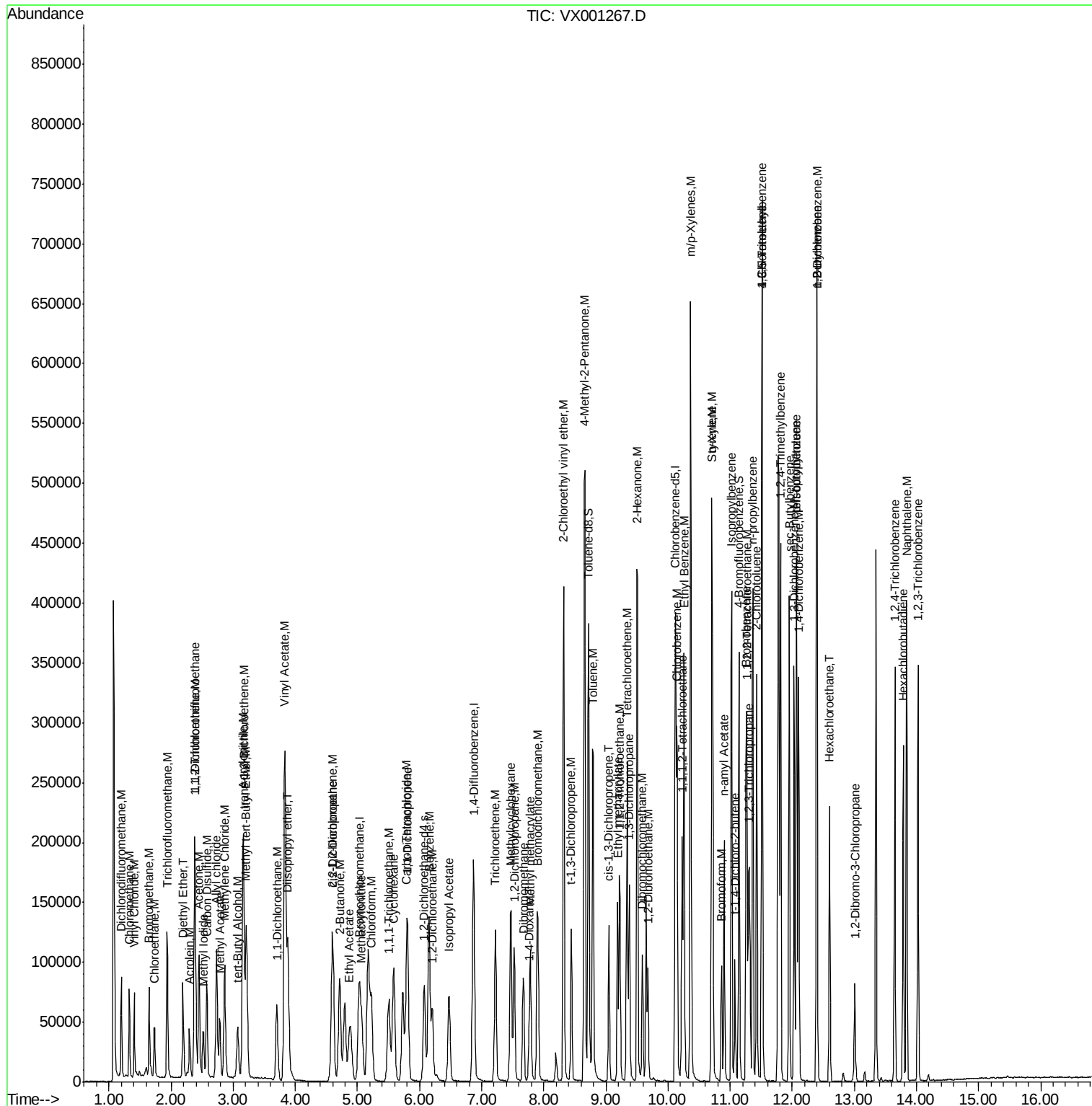
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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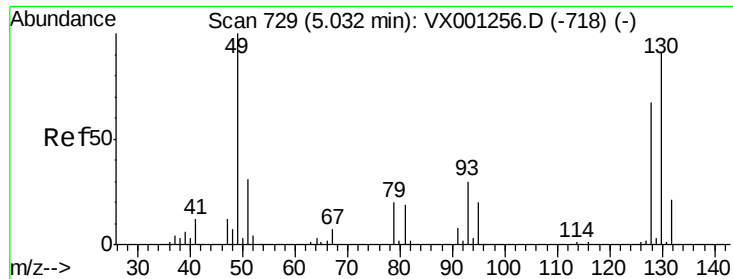
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ALS Vial      : 16      Sample Multiplier: 1
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VSTDC0020EC

Response via : Initial Calibration

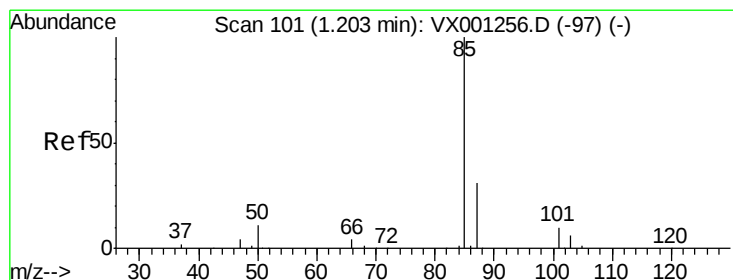
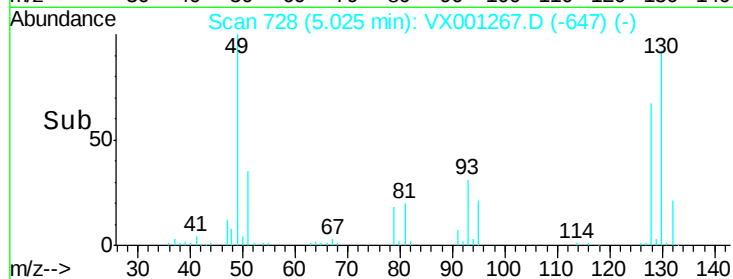
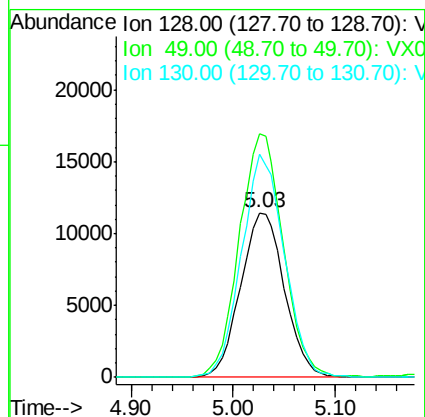
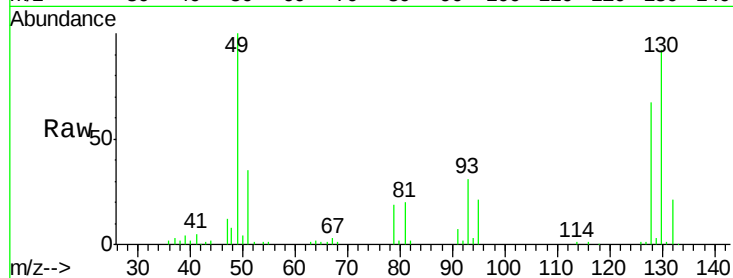




#1
 Bromochloromethane
 Concen: 30.00 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

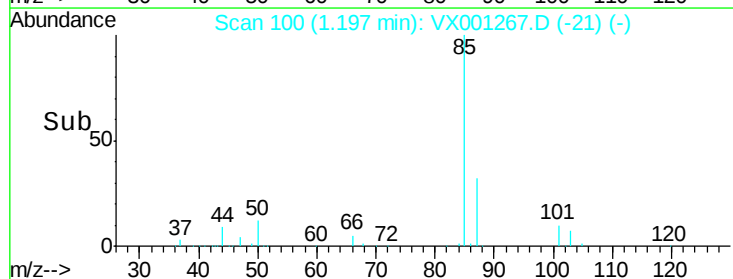
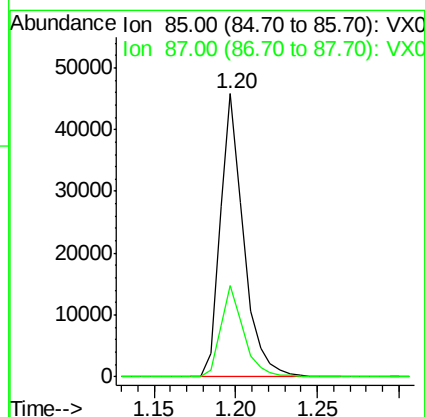
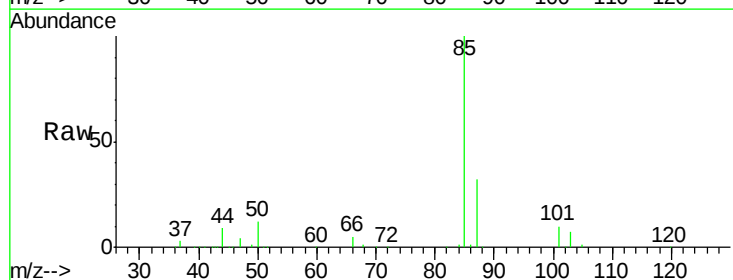
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

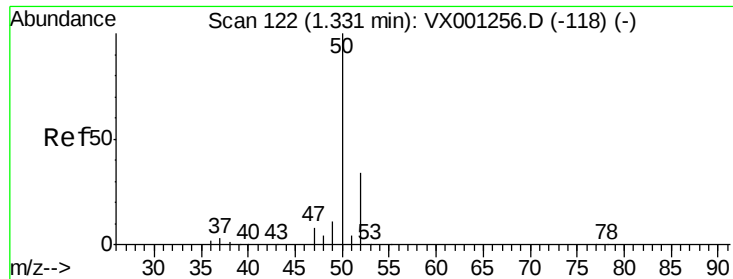
Tgt Ion:128 Resp: 34107
 Ion Ratio Lower Upper
 128 100
 49 148.9 0.0 378.3
 130 132.9 0.0 324.3



#2
 Dichlorodifluoromethane
 Concen: 20.48 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

Tgt Ion: 85 Resp: 45787
 Ion Ratio Lower Upper
 85 100
 87 32.4 16.6 49.7





#3

Chloromethane

Concen: 20.51 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

ClientSampleId :

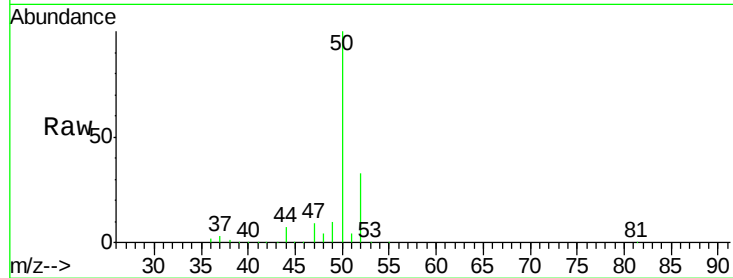
VSTDCCC020EC

Tgt Ion: 50 Resp: 42816

Ion Ratio Lower Upper

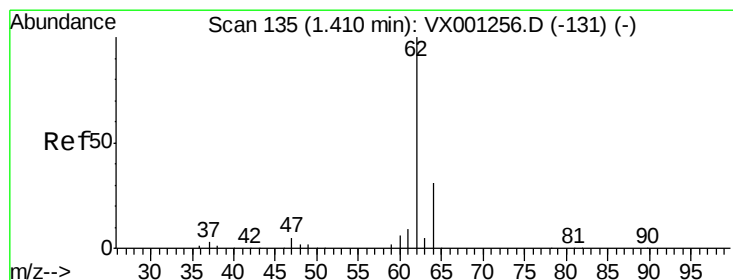
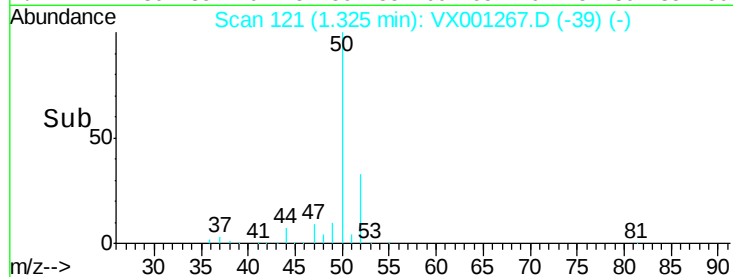
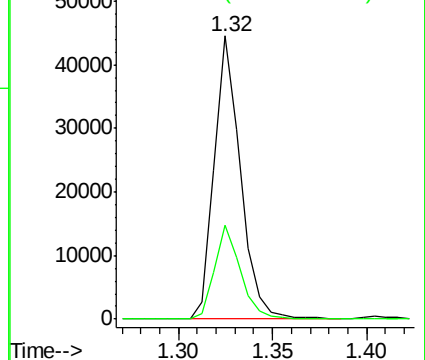
50 100

52 33.4 27.8 41.6



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 20.44 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001267.D

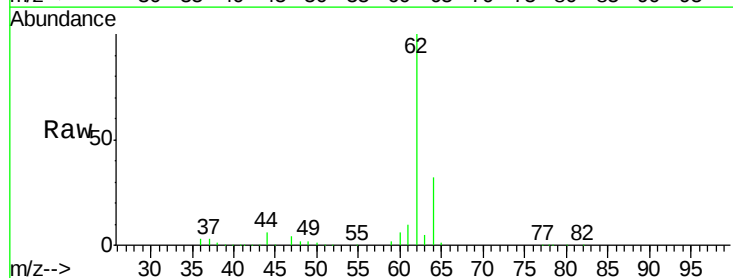
Acq: 30 Apr 2018 21:46

Tgt Ion: 62 Resp: 44747

Ion Ratio Lower Upper

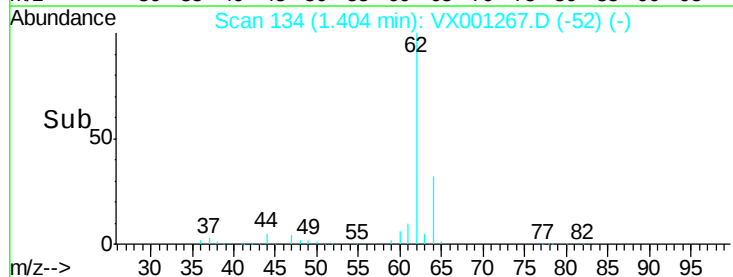
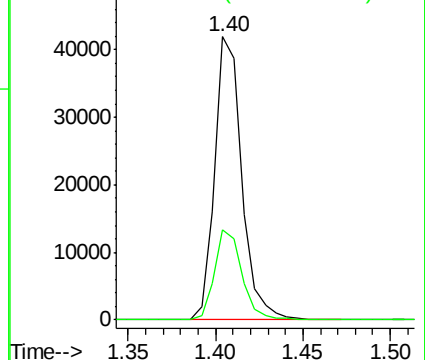
62 100

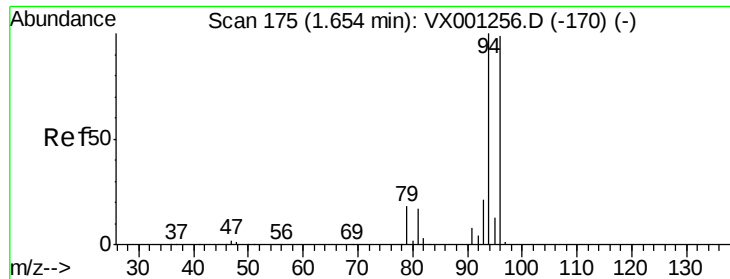
64 31.5 26.0 39.0



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 20.43 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

ClientSampleId :

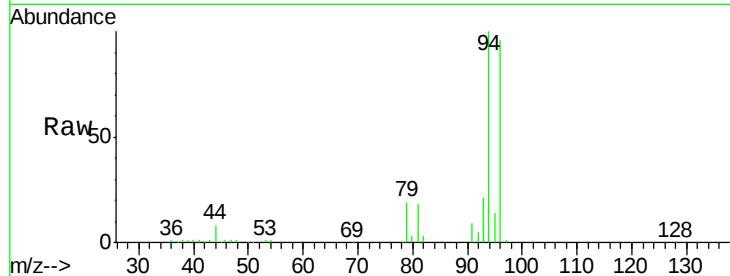
VSTDCCC020EC

Tgt Ion: 94 Resp: 33777

Ion Ratio Lower Upper

94 100

96 96.9 76.2 114.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.65

25000

20000

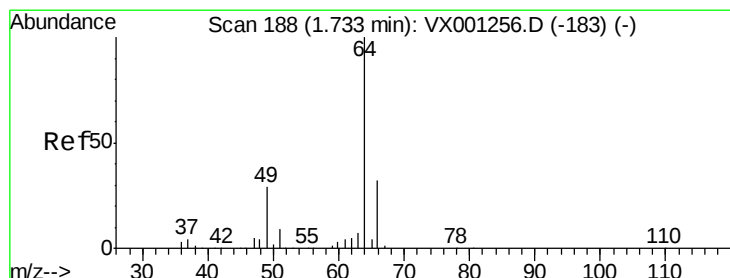
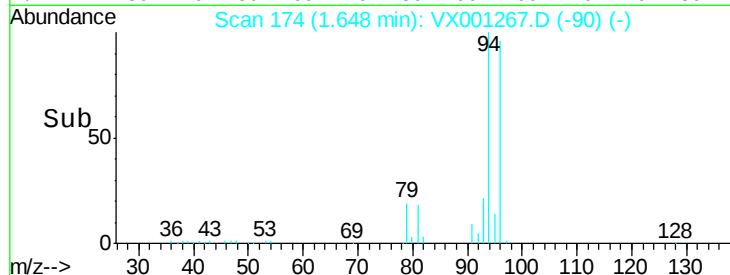
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 20.63 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX001267.D

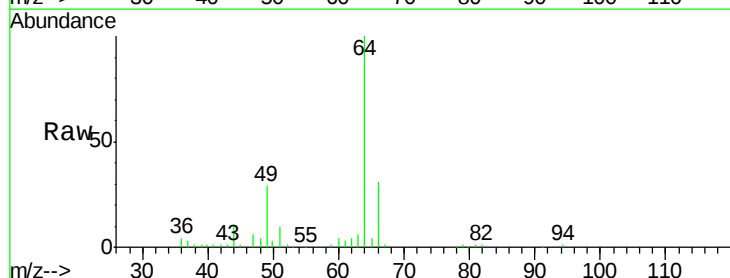
Acq: 30 Apr 2018 21:46

Tgt Ion: 64 Resp: 27637

Ion Ratio Lower Upper

64 100

66 31.2 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.73

20000

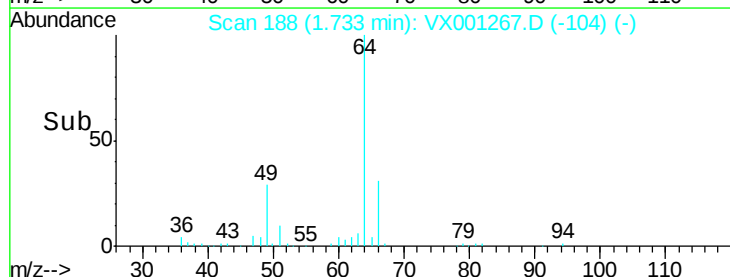
15000

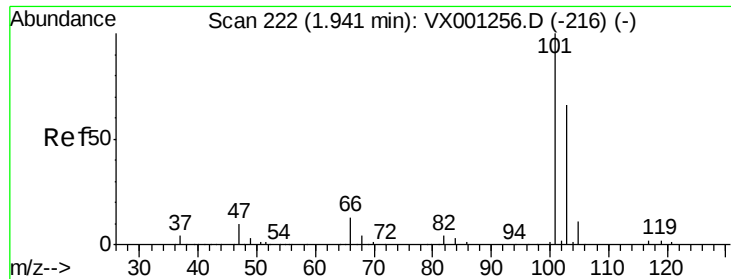
10000

5000

0

Time-->



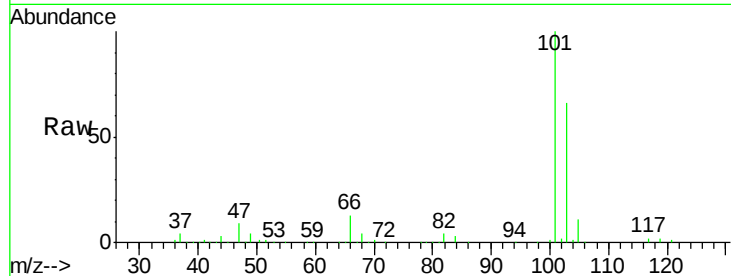


#7

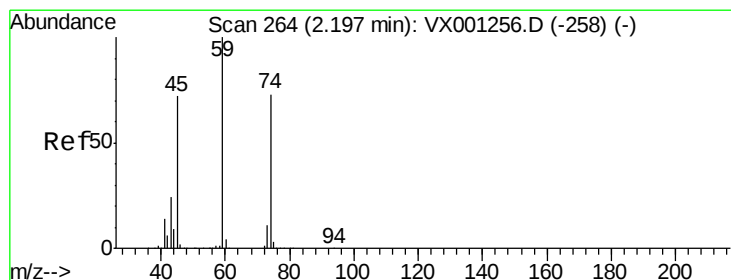
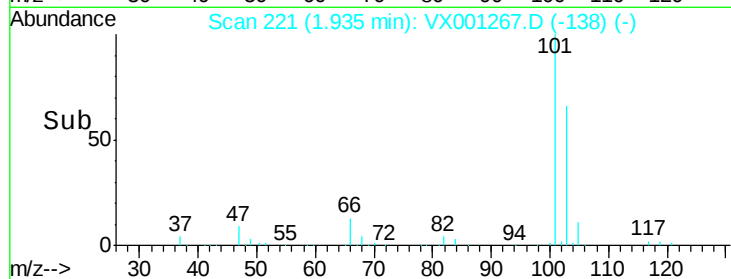
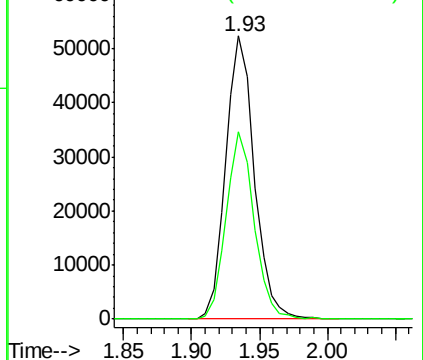
Trichlorofluoromethane
 Concen: 21.06 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:101 Resp: 76573
 Ion Ratio Lower Upper
 101 100
 103 66.4 52.2 78.4



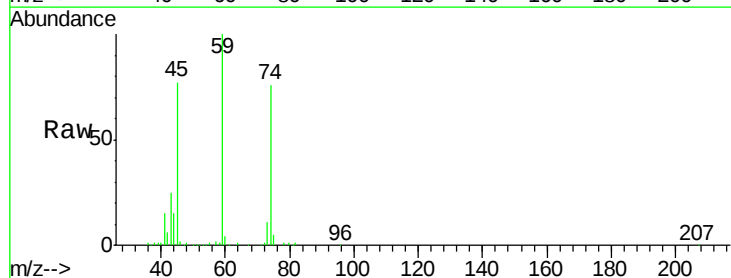
Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 103.00 (102.70 to 103.70): V



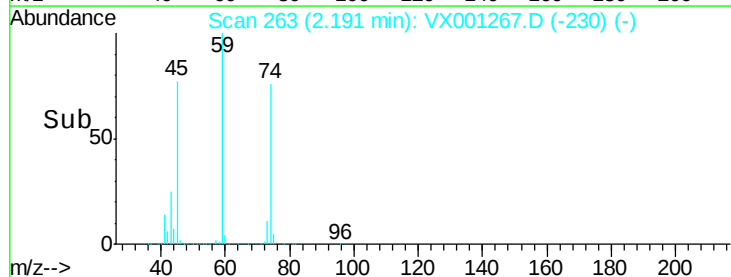
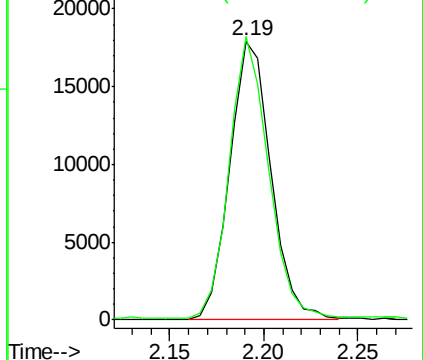
#8

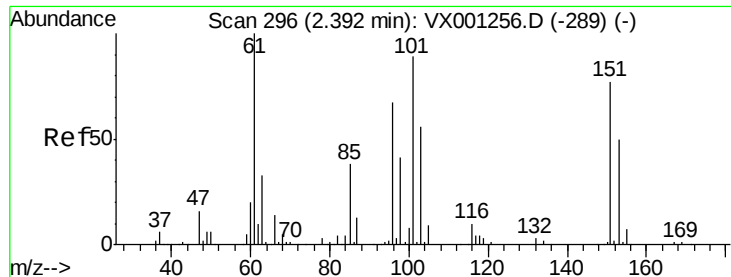
Diethyl Ether
 Concen: 21.54 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

Tgt Ion: 74 Resp: 27202
 Ion Ratio Lower Upper
 74 100
 45 95.6 17.8 159.8



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: 20.25 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

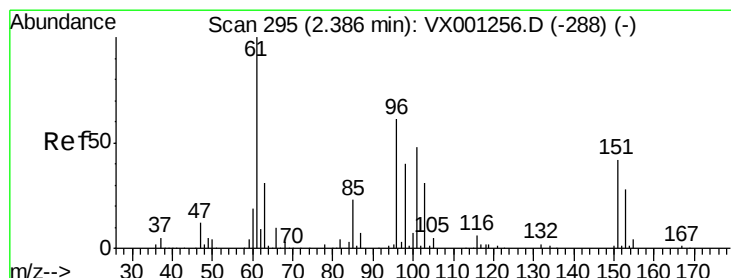
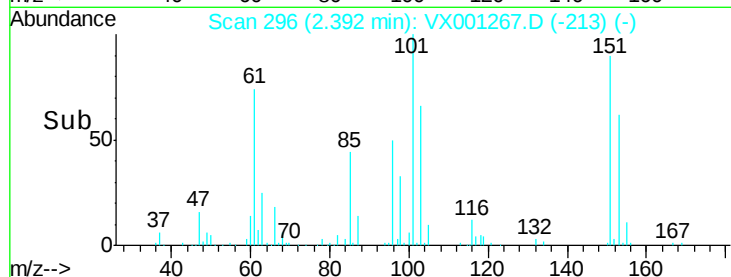
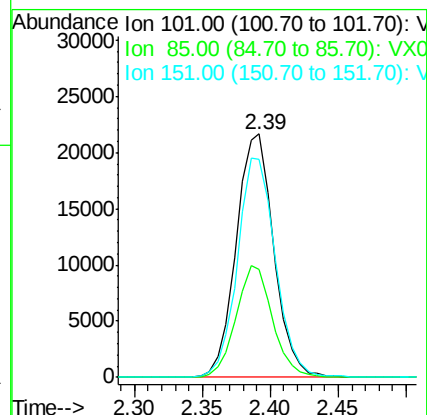
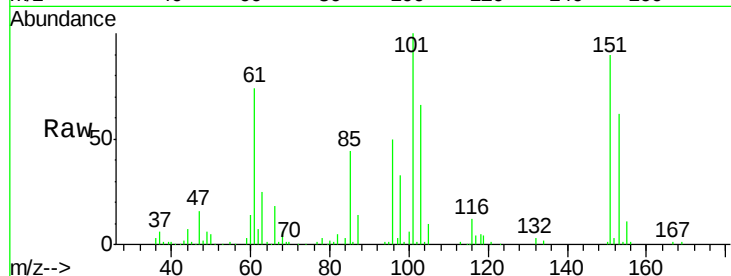
Tgt Ion: 101 Resp: 41766

Ion Ratio Lower Upper

101 100

85 44.6 0.0 90.4

151 91.1 0.0 167.6



#10

1,1-Dichloroethene

Concen: 20.87 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

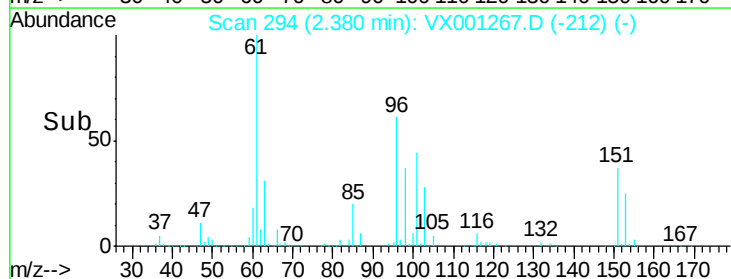
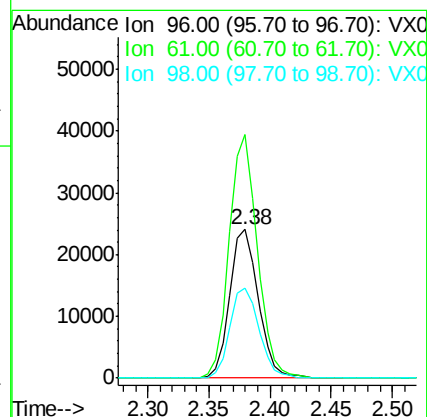
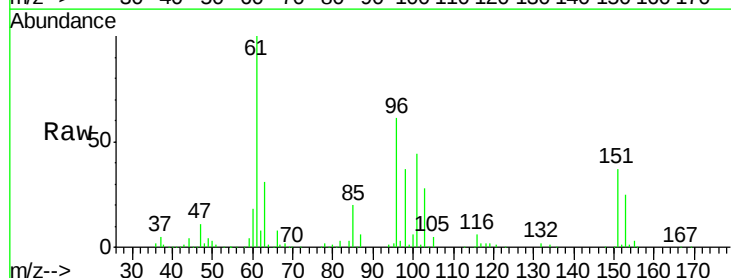
Tgt Ion: 96 Resp: 38990

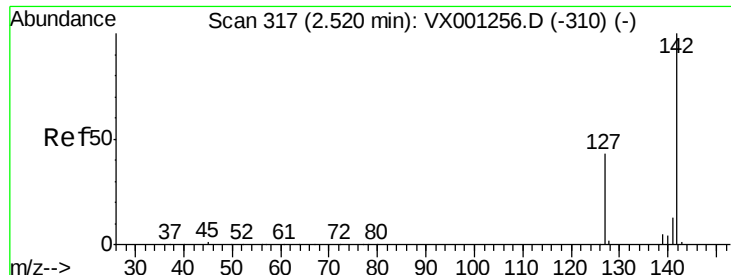
Ion Ratio Lower Upper

96 100

61 163.7 118.6 178.0

98 60.9 51.0 76.6

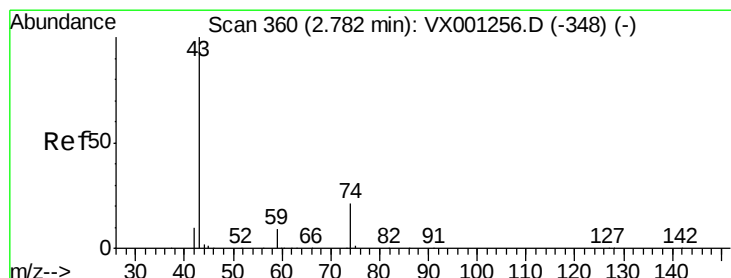
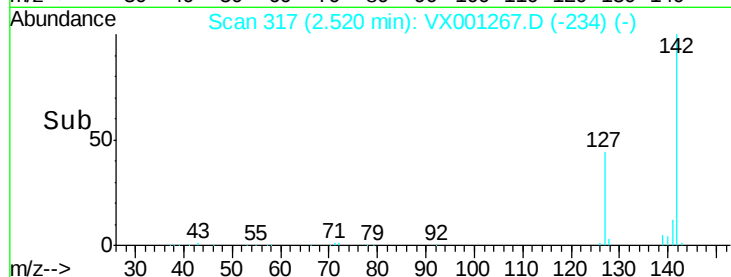
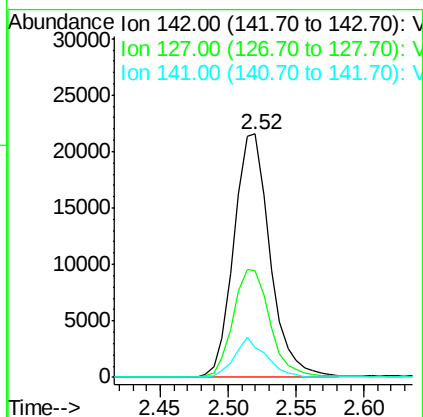
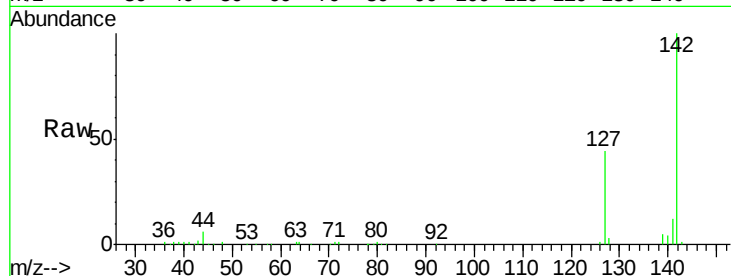




#11
Methyl Iodide
Concen: 17.69 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

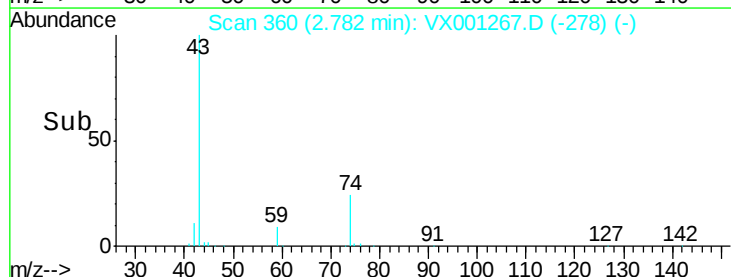
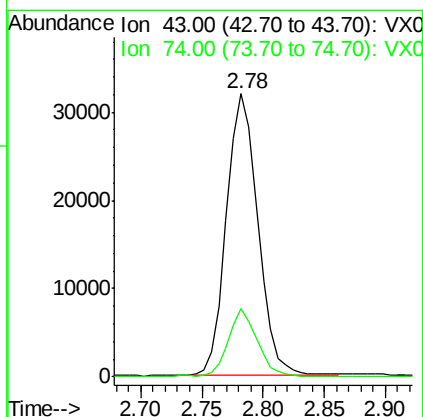
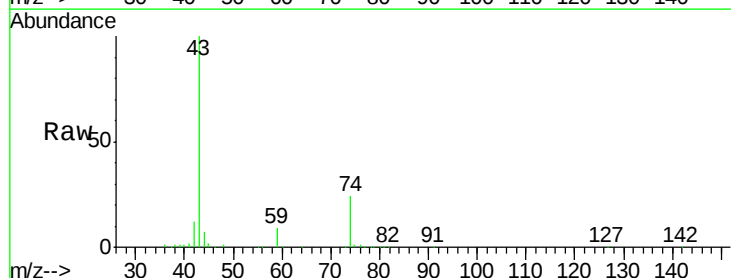
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

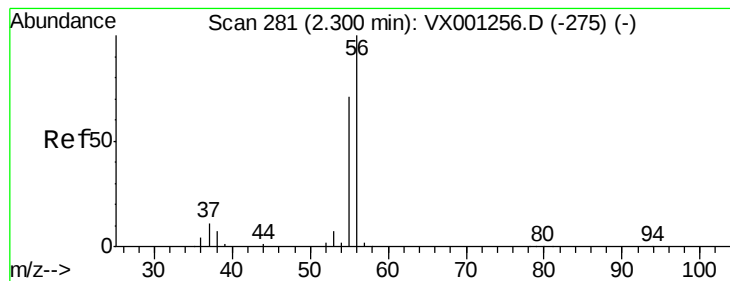
Tgt Ion: 142 Resp: 40192
Ion Ratio Lower Upper
142 100
127 43.9 23.8 71.5
141 12.2 8.2 24.4



#12
Methyl Acetate
Concen: 22.96 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion: 43 Resp: 56402
Ion Ratio Lower Upper
43 100
74 23.9 18.6 27.8





#13

Acrolein

Concen: 19.89 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

ClientSampleId :

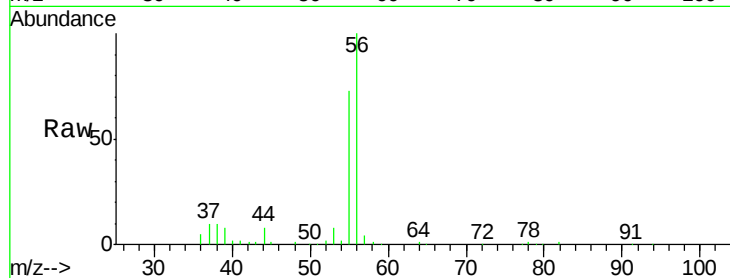
VSTDCCC020EC

Tgt Ion: 56 Resp: 29138

Ion Ratio Lower Upper

56 100

55 71.0 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

20000

15000

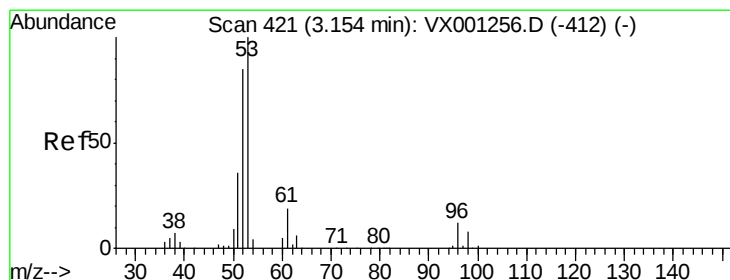
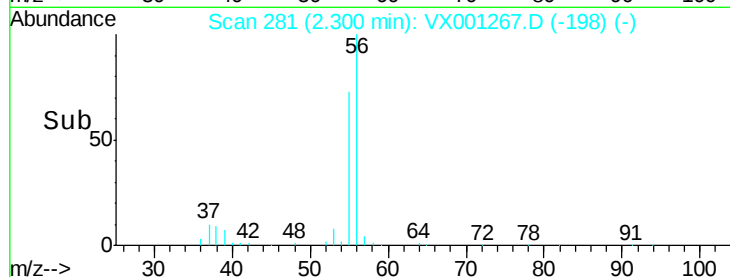
10000

5000

0

Time-->

2.25 2.30 2.35



#14

Acrylonitrile

Concen: 22.83 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

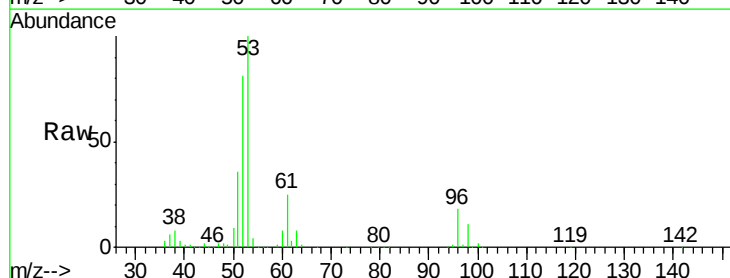
Tgt Ion: 53 Resp: 111568

Ion Ratio Lower Upper

53 100

52 83.4 41.9 125.8

51 37.7 18.8 56.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

60000

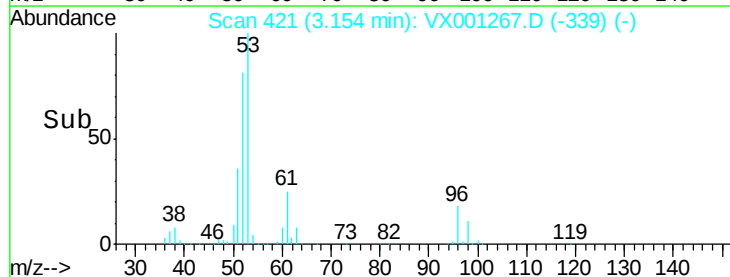
40000

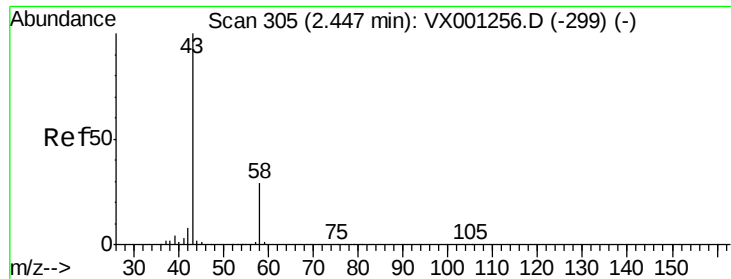
20000

0

Time-->

3.10 3.20 3.30





#15

Acetone

Concen: 20.42 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

ClientSampleId :

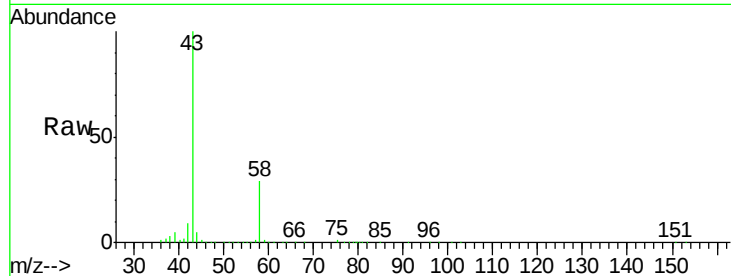
VSTDCCC020EC

Tgt Ion: 58 Resp: 31054

Ion Ratio Lower Upper

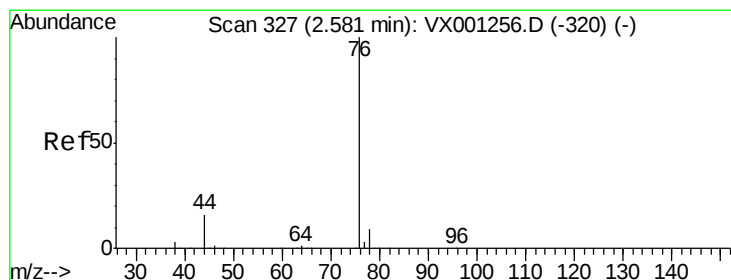
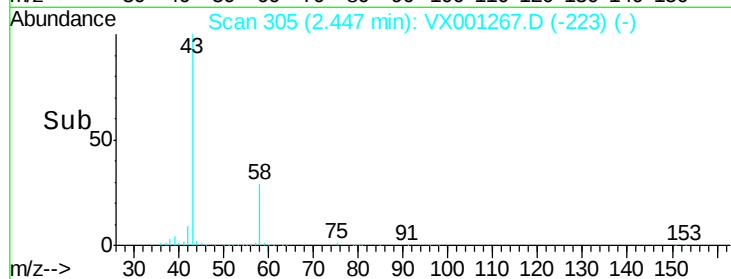
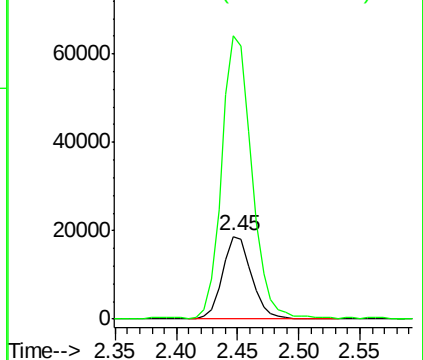
58 100

43 340.6 264.6 396.8



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 19.20 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX001267.D

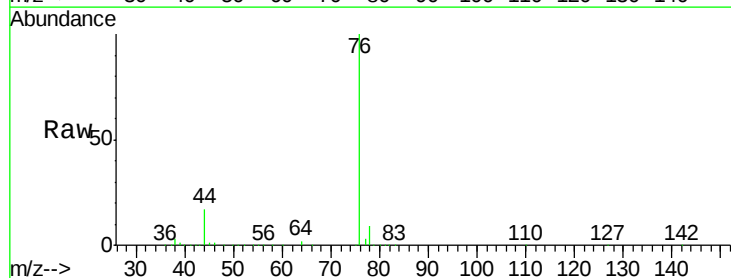
Acq: 30 Apr 2018 21:46

Tgt Ion: 76 Resp: 95409

Ion Ratio Lower Upper

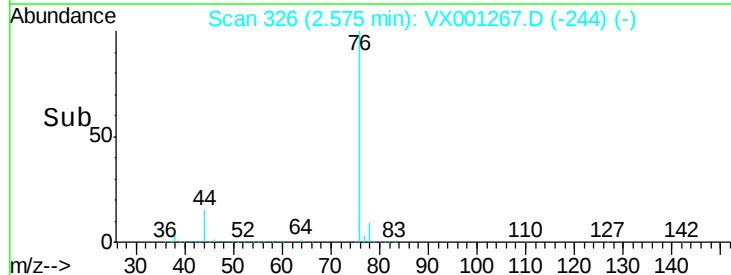
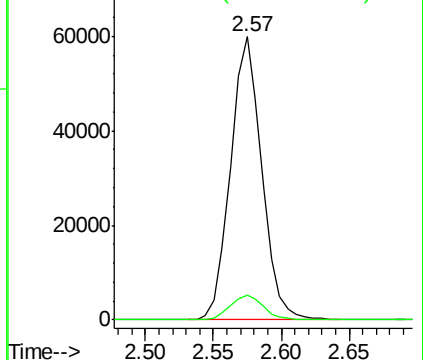
76 100

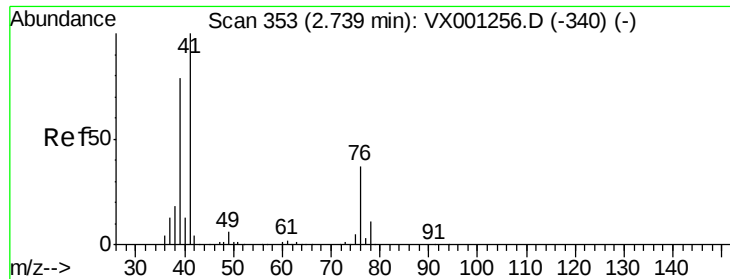
78 8.8 6.8 10.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

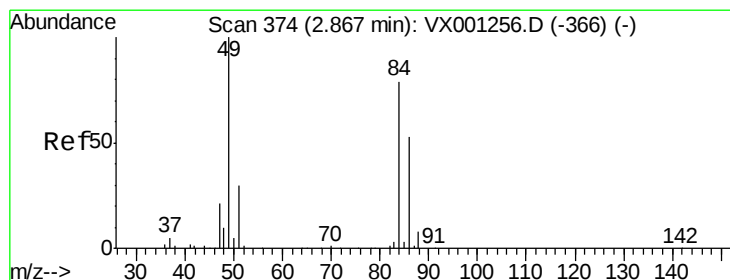
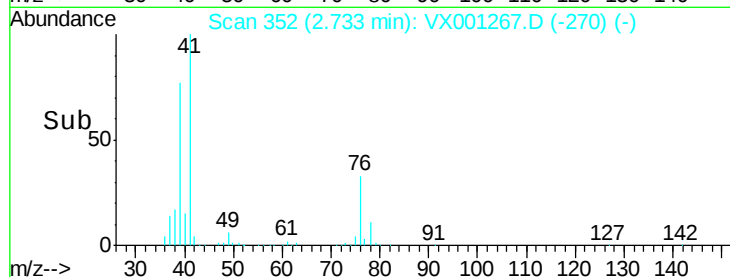
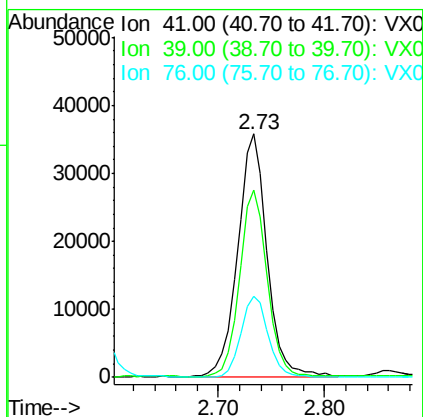
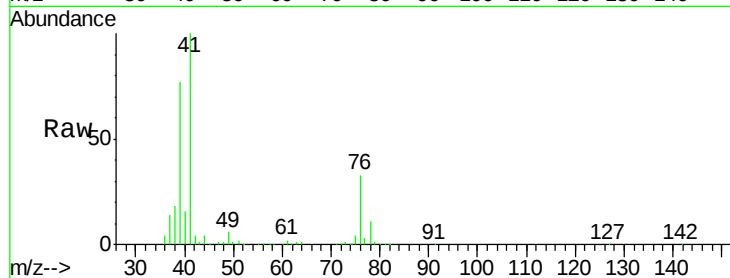




#17
 Allyl chloride
 Concen: 20.72 ug/l
 RT: 2.73 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

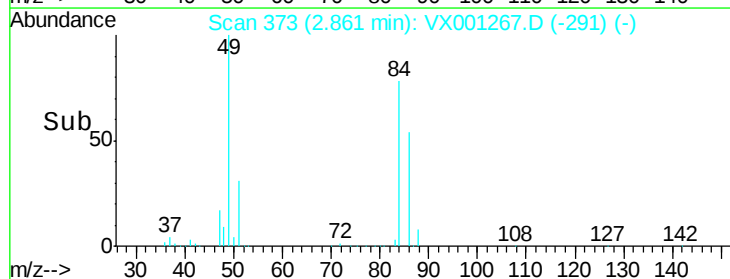
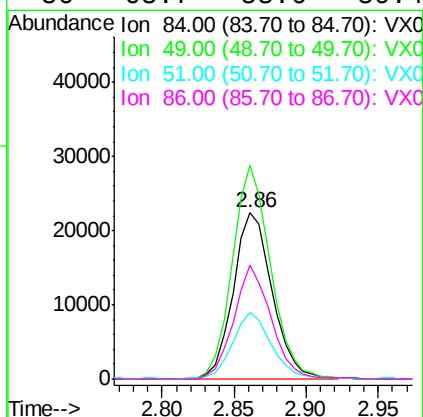
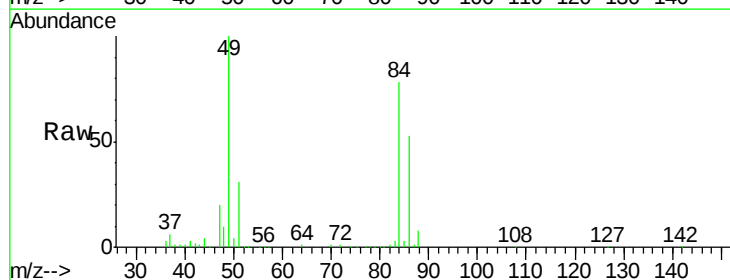
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

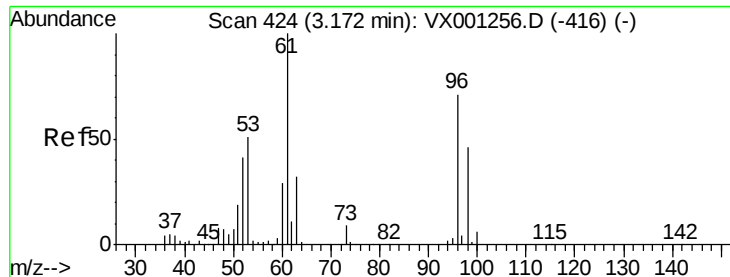
Tgt Ion: 41 Resp: 68697
 Ion Ratio Lower Upper
 41 100
 39 76.9 38.5 115.5
 76 33.2 18.7 56.1



#18
 Methylene Chloride
 Concen: 20.71 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

Tgt Ion: 84 Resp: 42179
 Ion Ratio Lower Upper
 84 100
 49 128.4 103.3 154.9
 51 39.4 31.2 46.8
 86 68.7 53.6 80.4

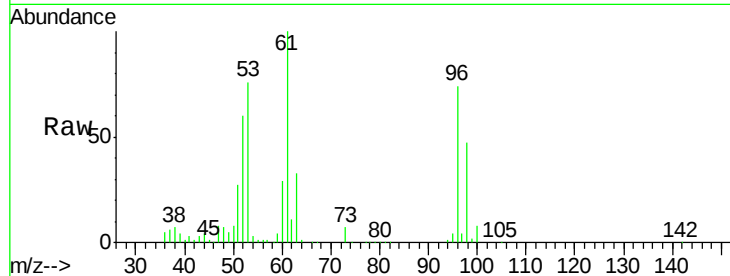




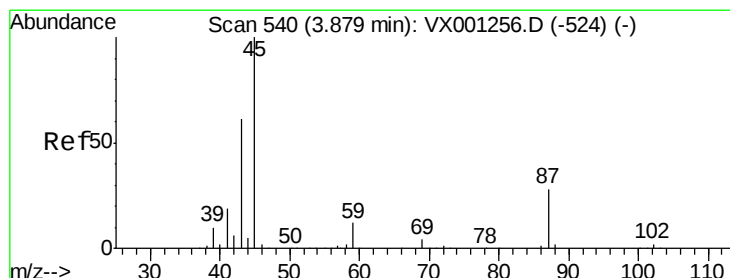
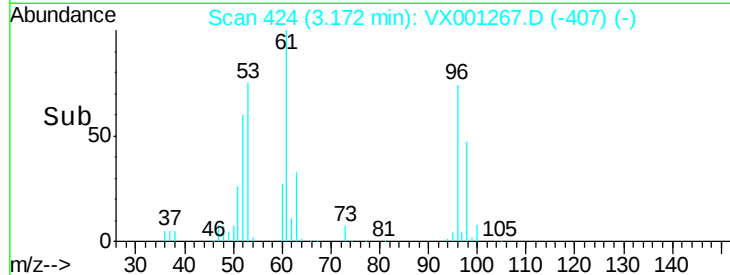
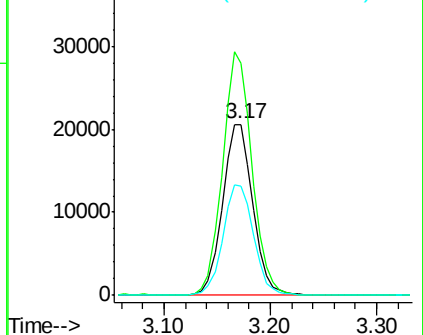
#19
trans-1,2-Dichloroethene
Concen: 20.33 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 96 Resp: 40944
Ion Ratio Lower Upper
96 100
61 135.4 101.0 151.6
98 64.0 53.3 79.9

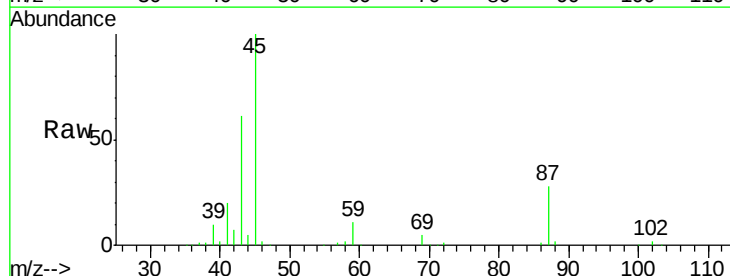


Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

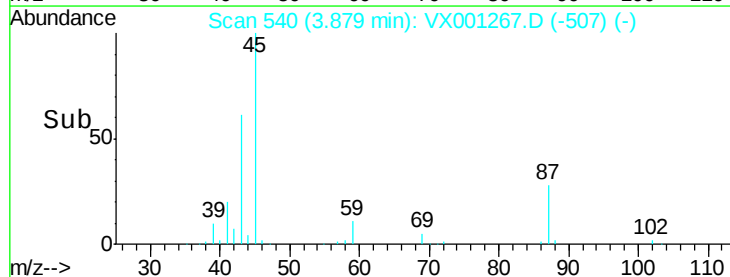
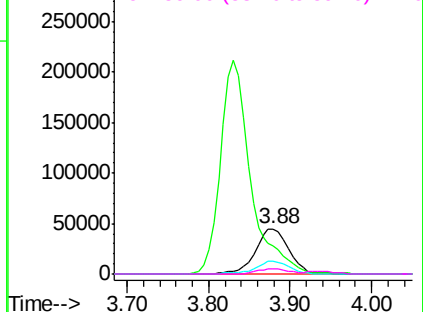


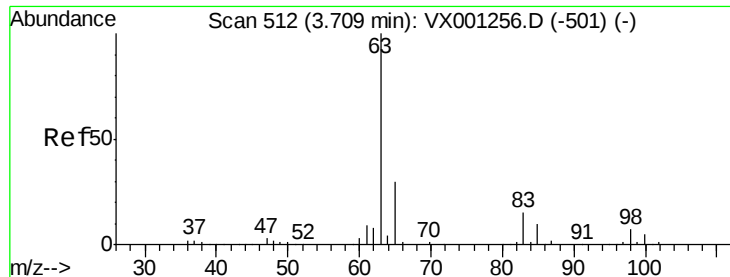
#20
Diisopropyl ether
Concen: 19.71 ug/l
RT: 3.88 min Scan# 540
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion: 45 Resp: 128620
Ion Ratio Lower Upper
45 100
43 60.7 49.6 74.4
87 27.9 23.1 34.7
59 11.2 10.8 16.2



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





#21

1,1-Dichloroethane

Concen: 19.93 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

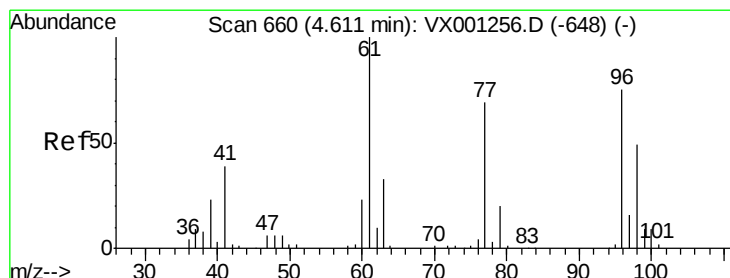
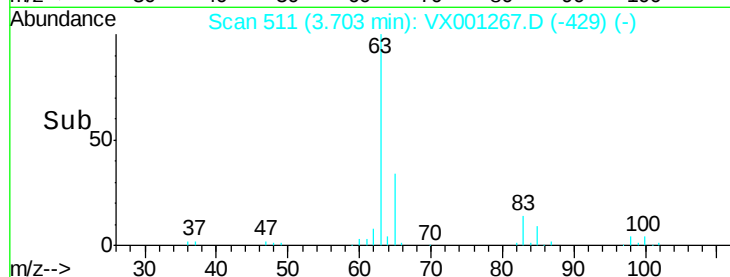
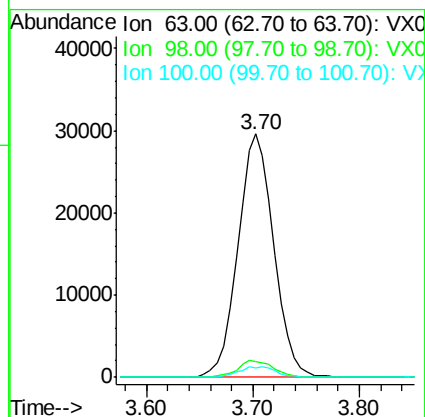
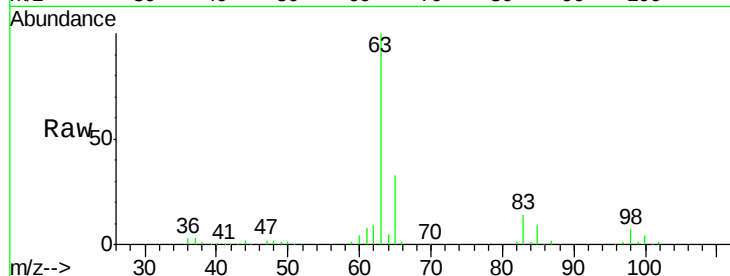
Tgt Ion: 63 Resp: 69883

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

100 4.1 2.1 6.5



#22

cis-1,2-Dichloroethene

Concen: 19.86 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

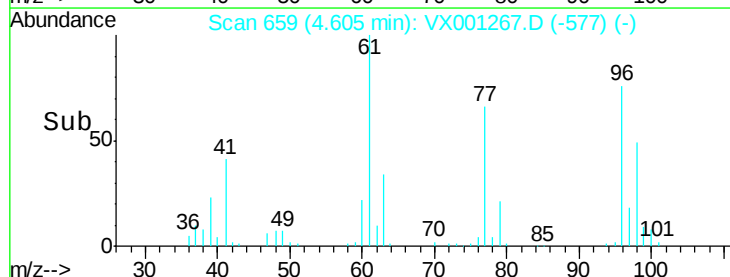
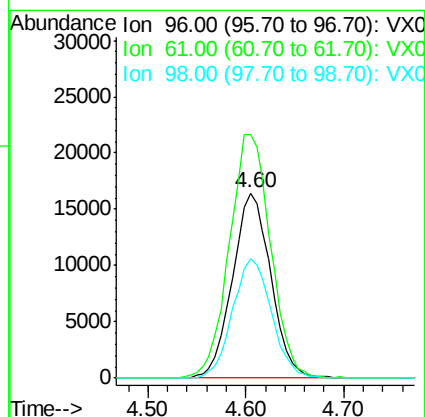
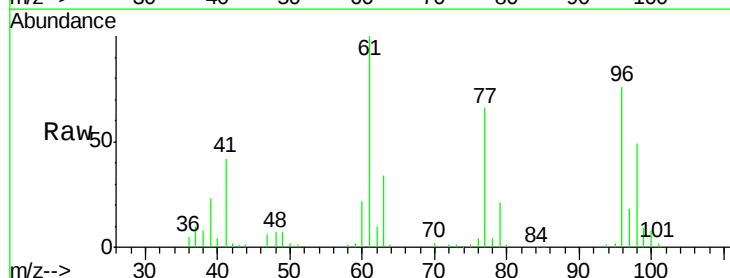
Tgt Ion: 96 Resp: 44681

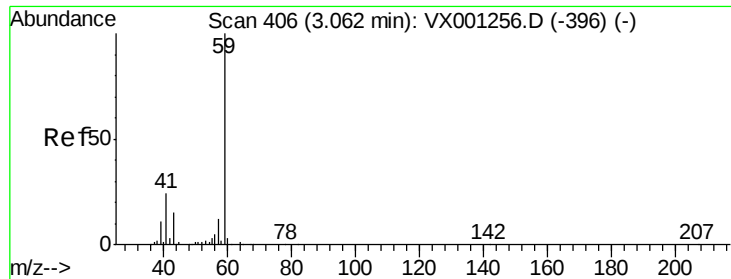
Ion Ratio Lower Upper

96 100

61 141.6 113.5 170.3

98 65.4 51.8 77.8





#23

tert-Butyl Alcohol

Concen: 25.66 ug/l

RT: 3.07 min Scan# 407

Delta R.T. -0.01 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

ClientSampleId :

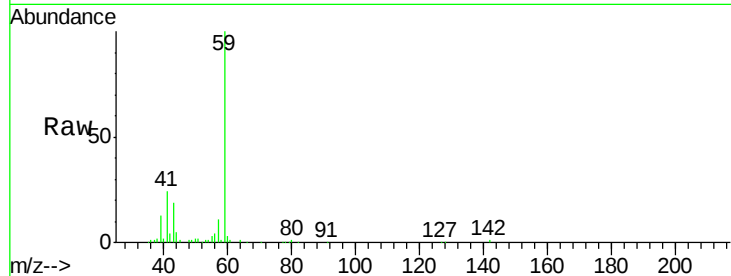
VSTDCCC020EC

Tgt Ion: 59 Resp: 51255

Ion Ratio Lower Upper

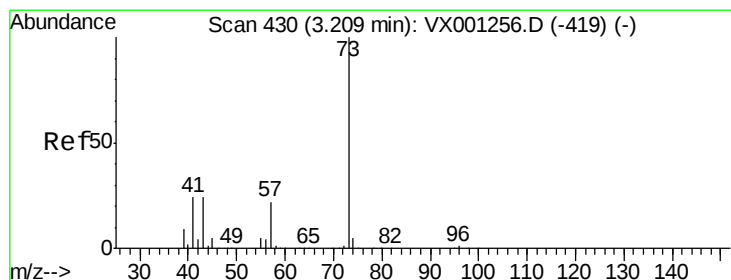
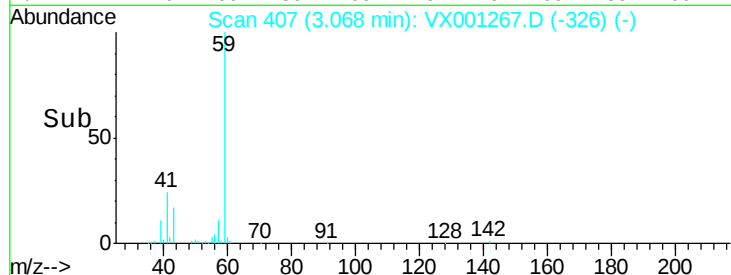
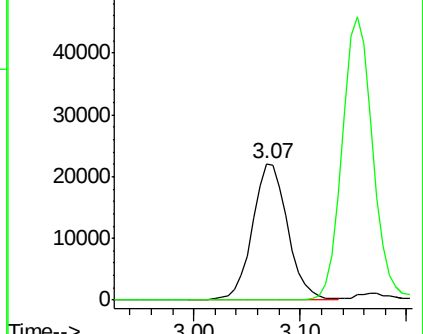
59 100

52 0.3 0.1 0.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 20.91 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX001267.D

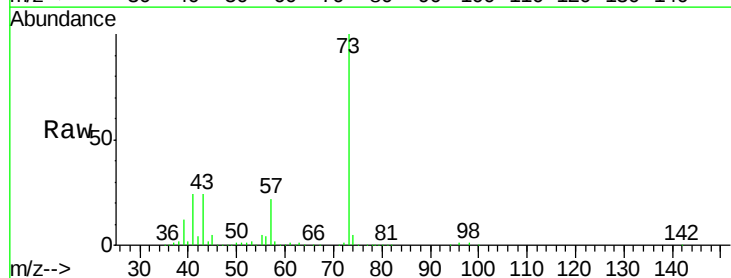
Acq: 30 Apr 2018 21:46

Tgt Ion: 73 Resp: 133960

Ion Ratio Lower Upper

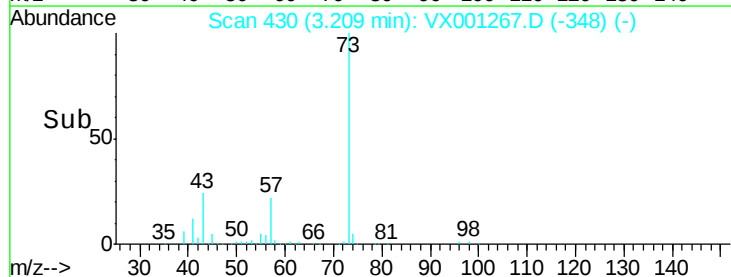
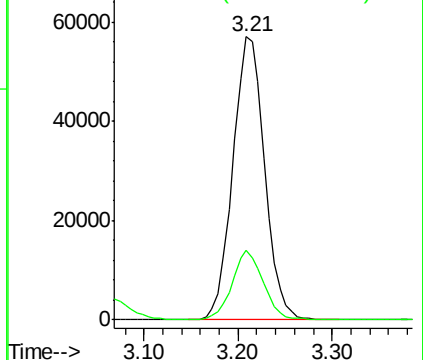
73 100

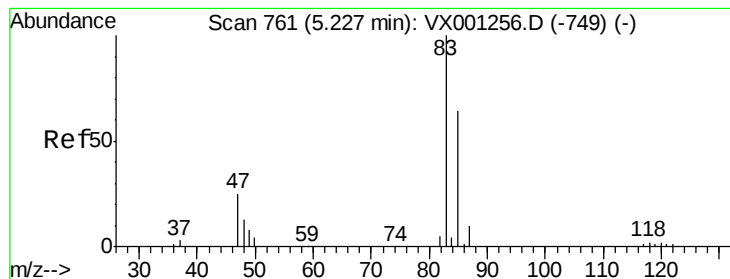
43 23.6 16.5 24.7



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 19.92 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

ClientSampleId :

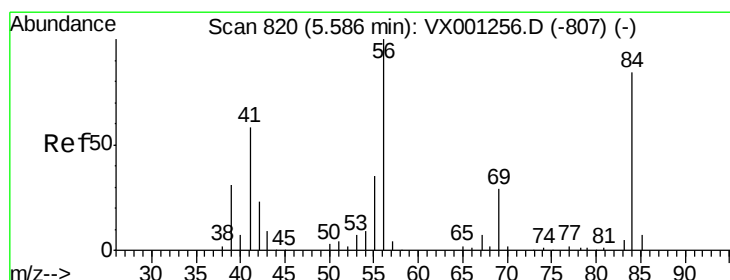
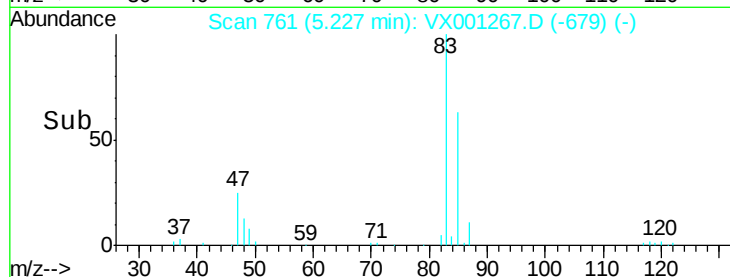
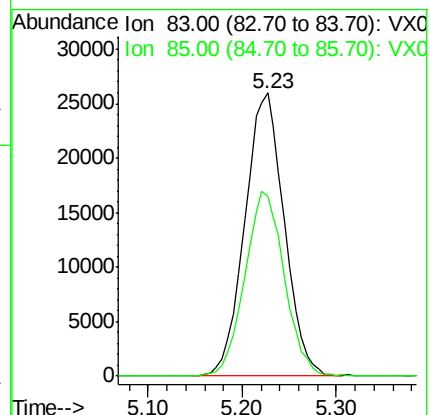
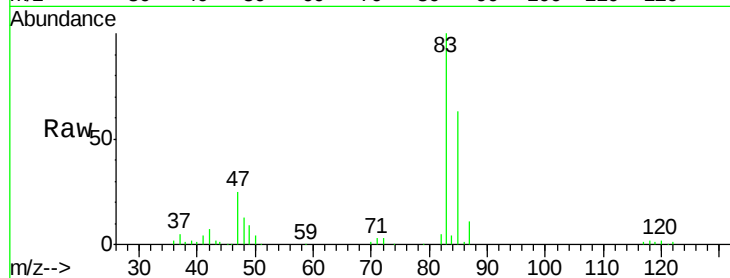
VSTDCCC020EC

Tgt Ion: 83 Resp: 76025

Ion Ratio Lower Upper

83 100

85 63.3 52.5 78.7



#26

Cyclohexane

Concen: 19.61 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

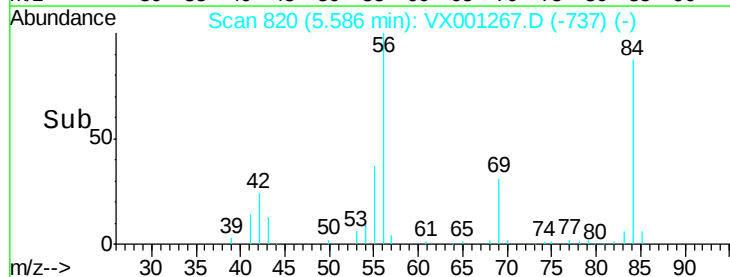
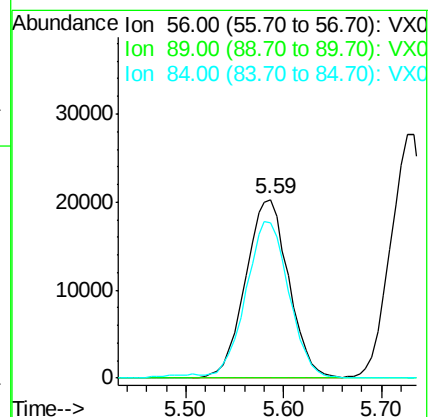
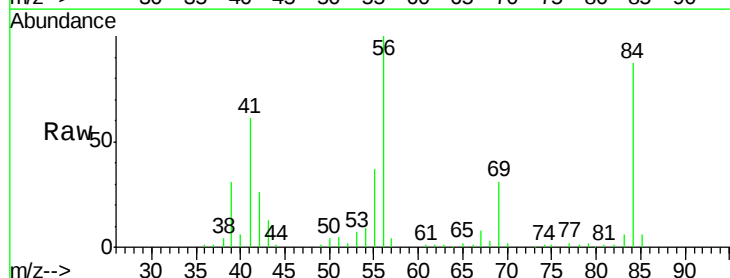
Tgt Ion: 56 Resp: 62504

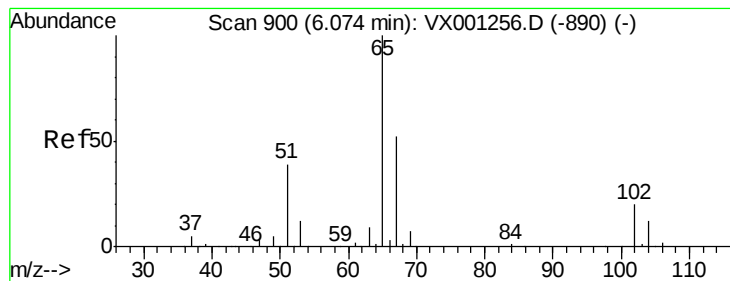
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 87.4 74.8 112.2





#27

1,2-Dichloroethane-d4

Concen: 30.84 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

ClientSampleId :

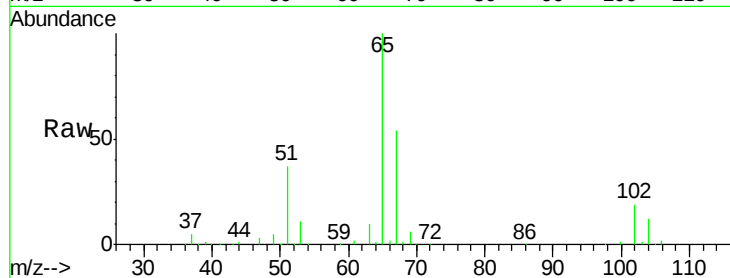
VSTDCCC020EC

Tgt Ion: 65 Resp: 75875

Ion Ratio Lower Upper

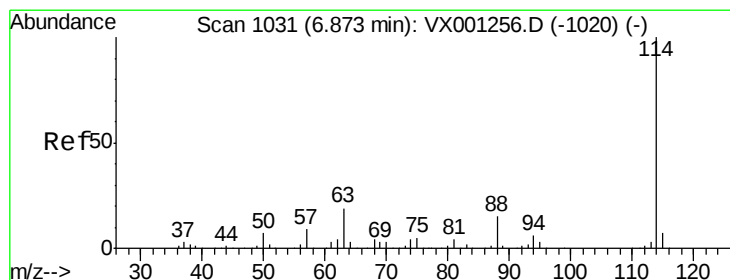
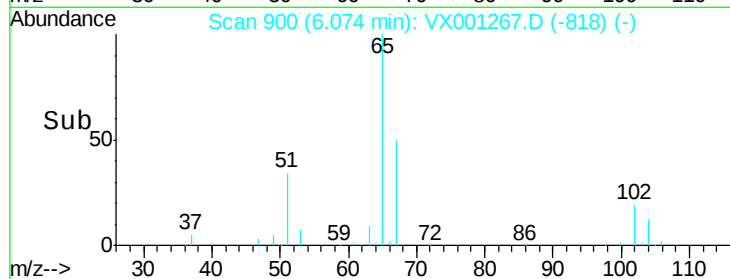
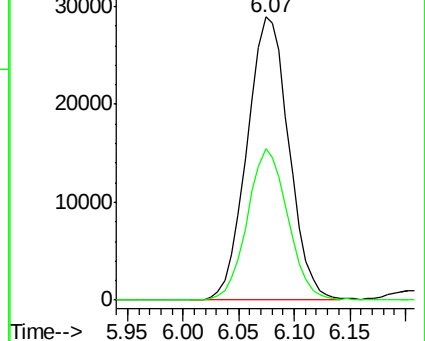
65 100

67 51.5 41.4 62.2



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

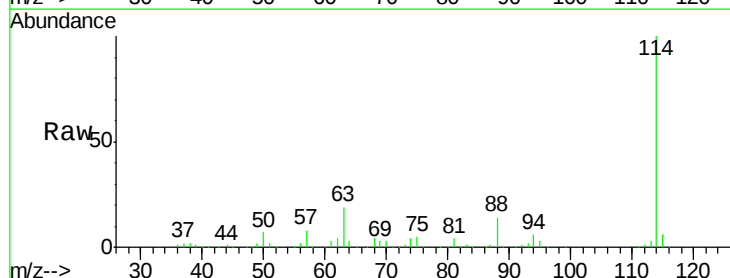
Tgt Ion: 114 Resp: 194241

Ion Ratio Lower Upper

114 100

63 19.2 15.0 22.4

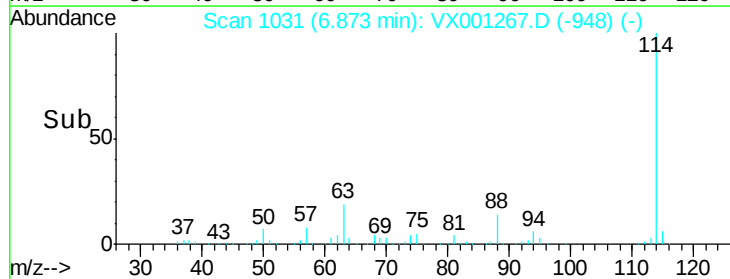
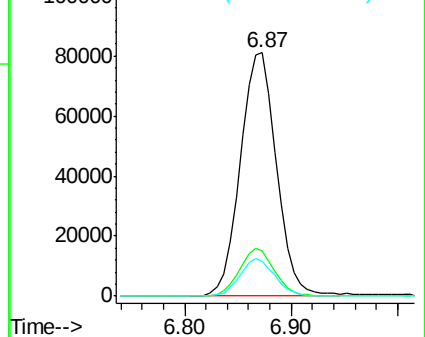
88 14.9 11.8 17.8

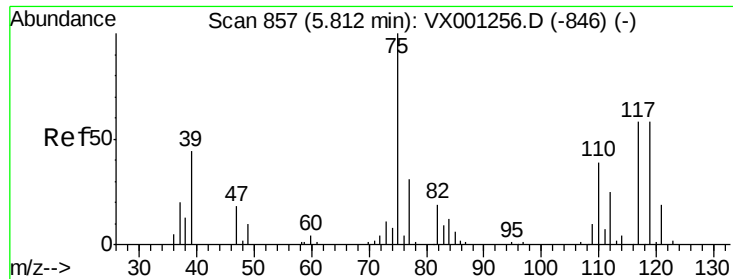


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

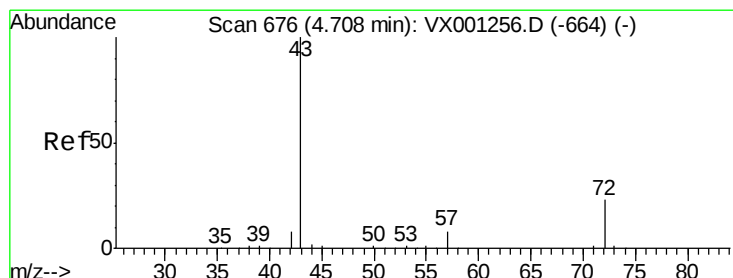
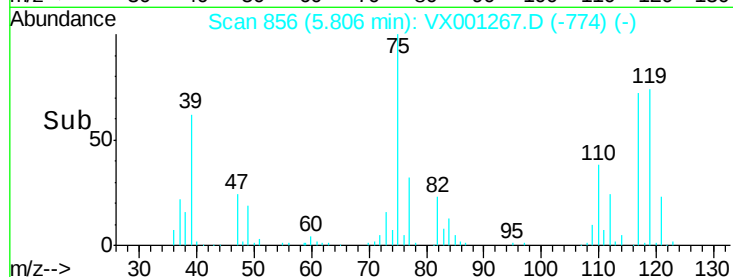
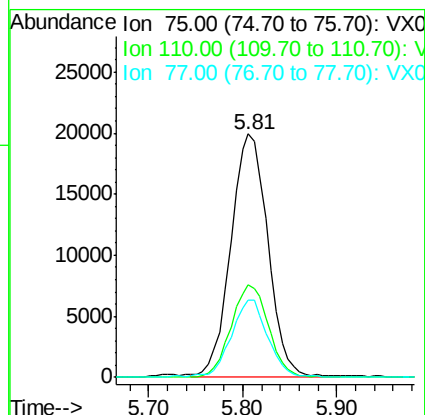
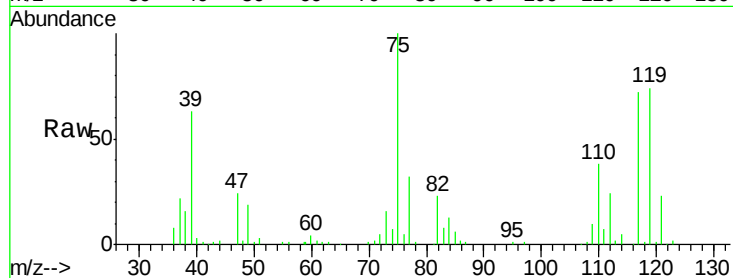




#29
 1,1-Dichloropropene
 Concen: 19.03 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

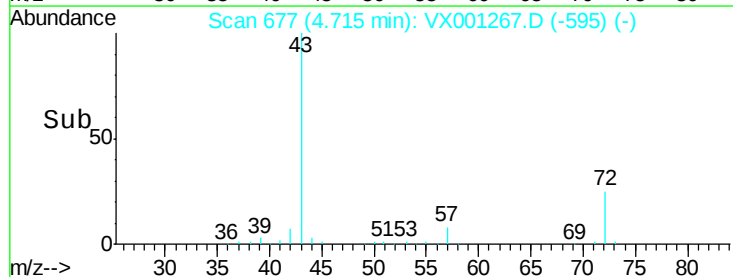
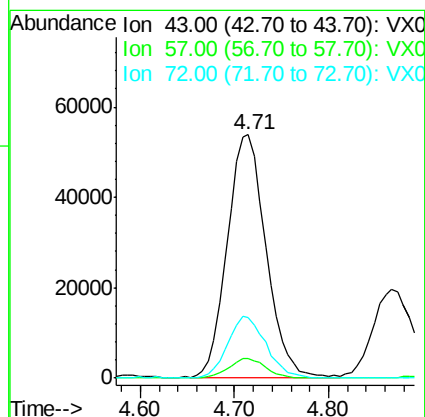
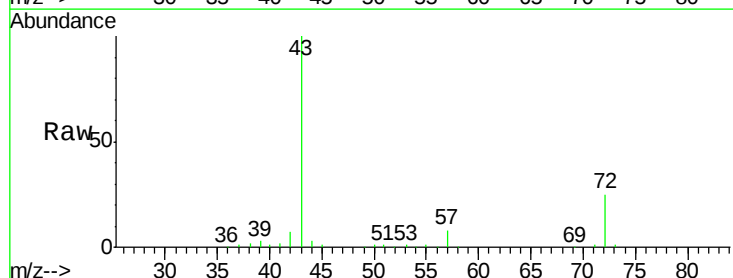
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

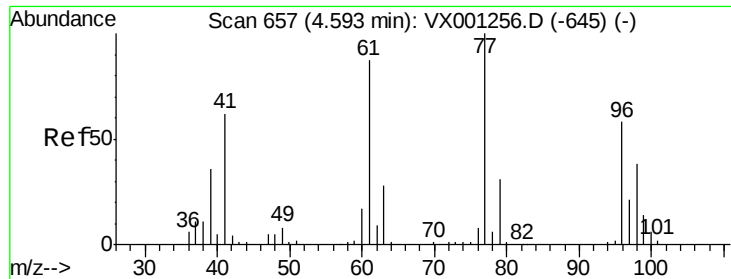
Tgt Ion: 75 Resp: 54775
 Ion Ratio Lower Upper
 75 100
 110 37.9 0.0 75.6
 77 30.4 0.0 62.6



#30
 2-Butanone
 Concen: 20.81 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

Tgt Ion: 43 Resp: 153431
 Ion Ratio Lower Upper
 43 100
 57 7.9 6.6 10.0
 72 25.2 21.8 32.6

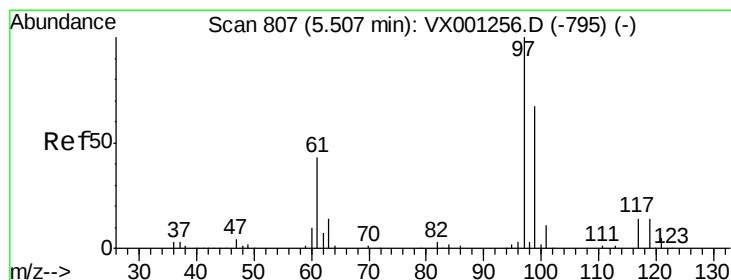
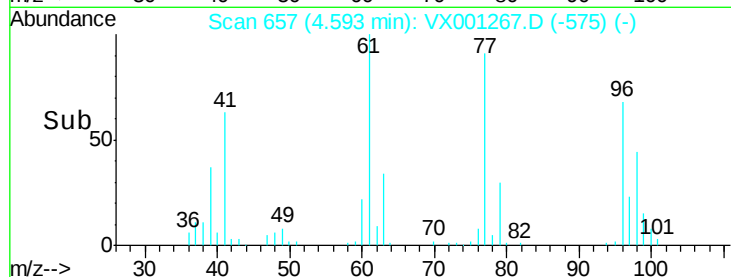
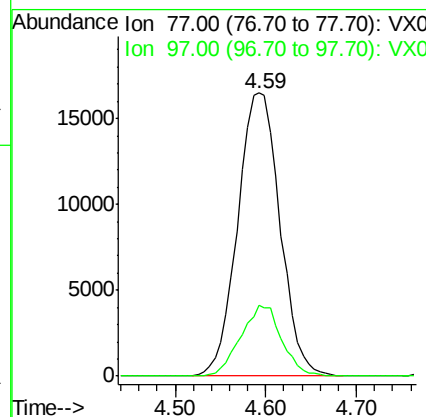
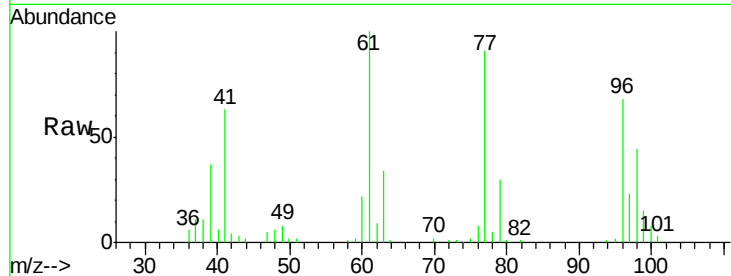




#31
 2,2-Dichloropropane
 Concen: 16.98 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

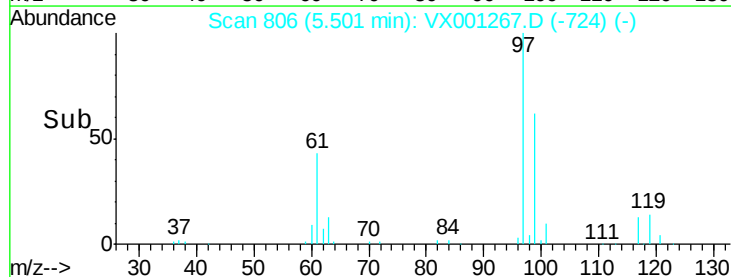
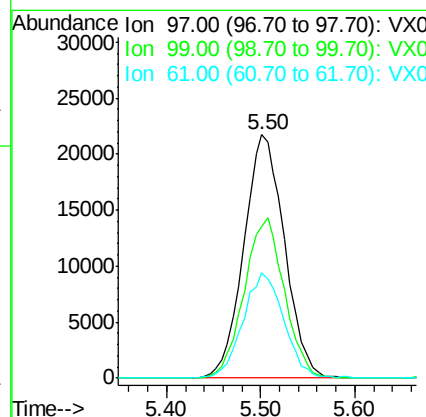
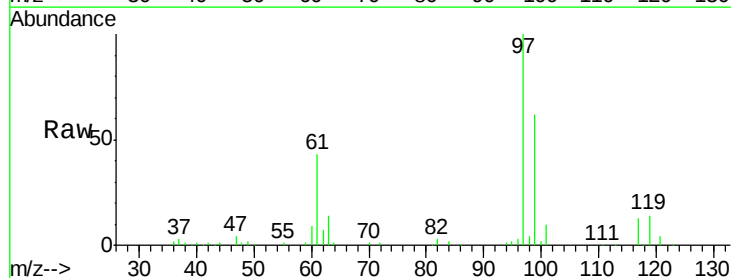
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

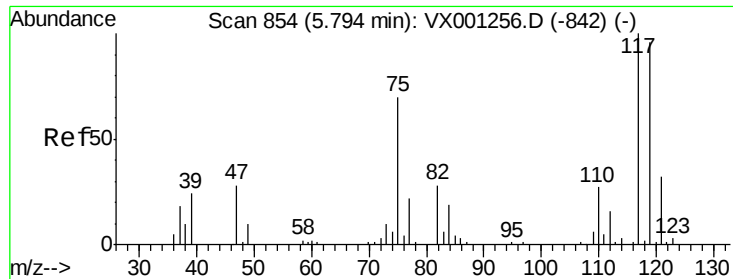
Tgt Ion: 77 Resp: 53358
 Ion Ratio Lower Upper
 77 100
 97 24.0 18.6 27.8



#32
 1,1,1-Trichloroethane
 Concen: 18.83 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

Tgt Ion: 97 Resp: 65555
 Ion Ratio Lower Upper
 97 100
 99 65.0 52.3 78.5
 61 43.4 34.3 51.5

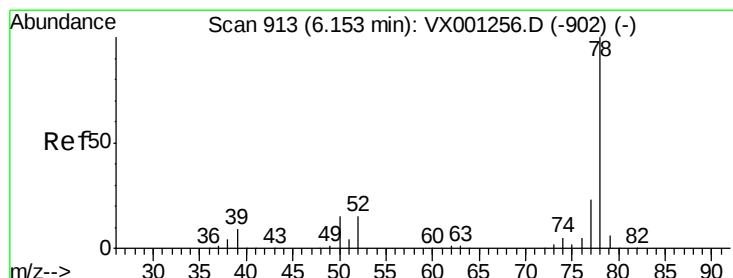
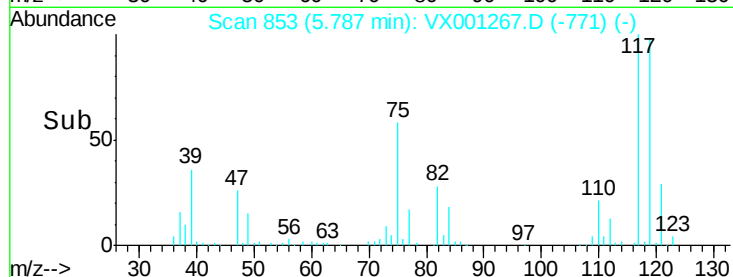
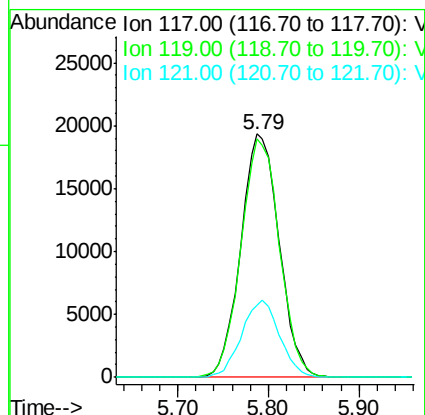
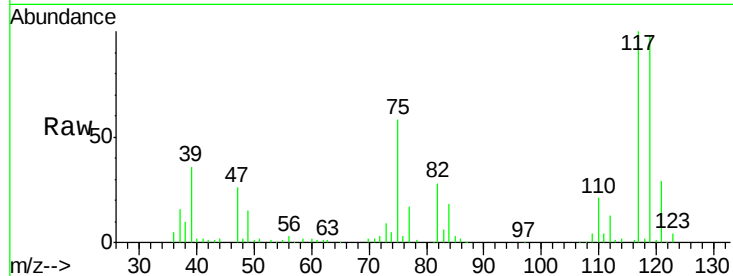




#33
Carbon Tetrachloride
Concen: 18.08 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

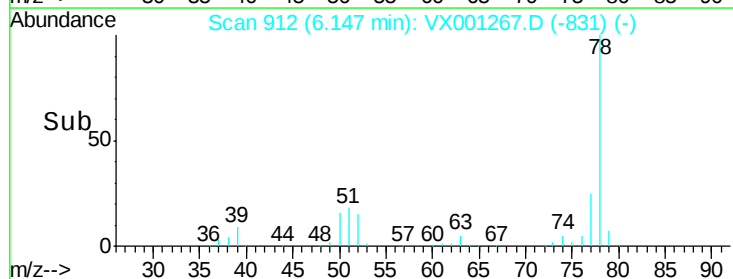
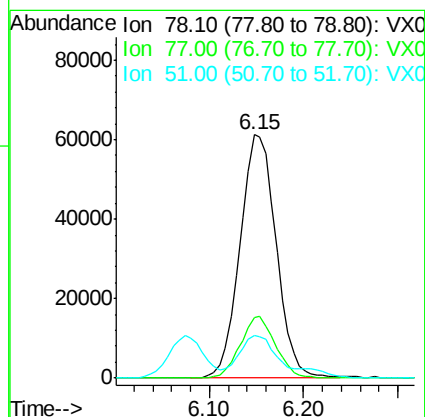
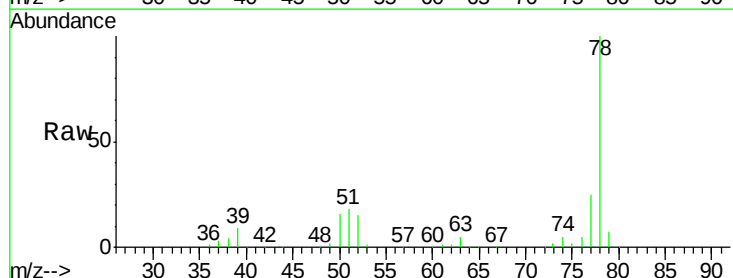
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

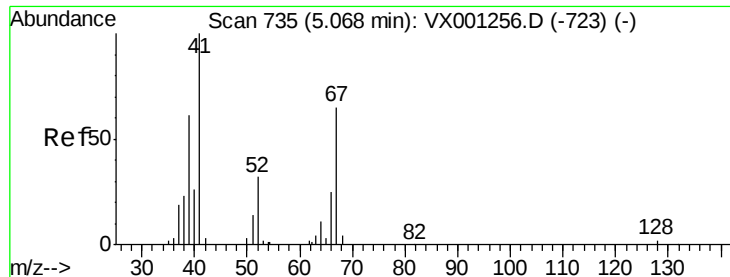
Tgt Ion: 117 Resp: 56750
Ion Ratio Lower Upper
117 100
119 98.0 73.5 110.3
121 29.5 24.6 37.0



#34
Benzene
Concen: 19.16 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion: 78 Resp: 163408
Ion Ratio Lower Upper
78 100
77 25.0 21.7 32.5
51 17.0 14.9 22.3

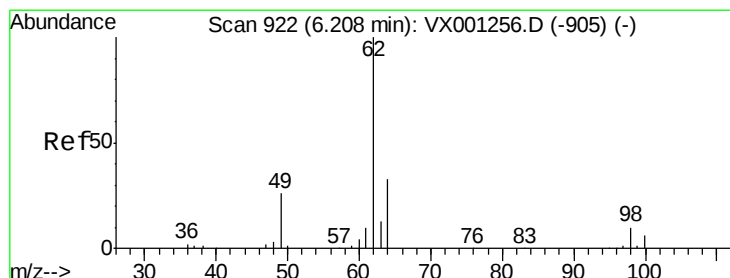
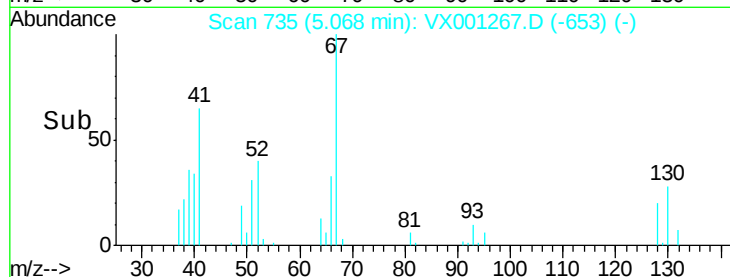
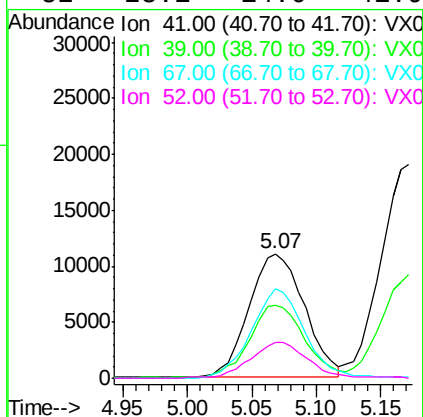
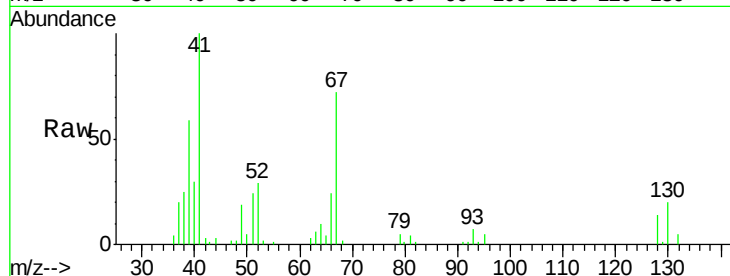




#35
Methacrylonitrile
Concen: 20.11 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

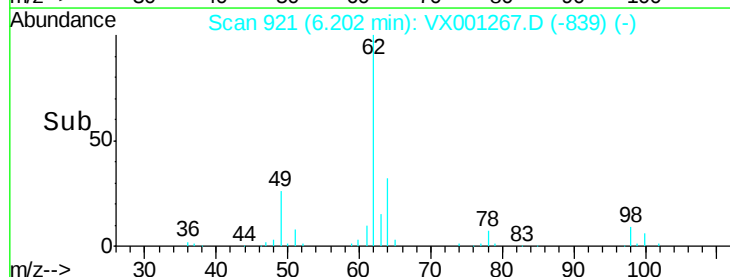
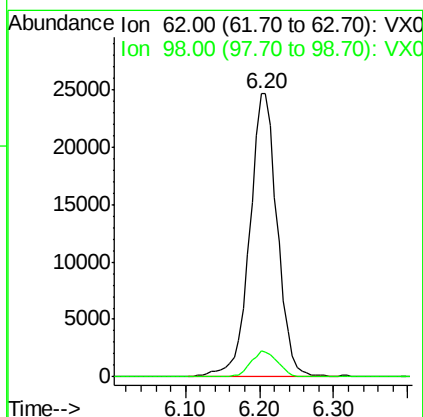
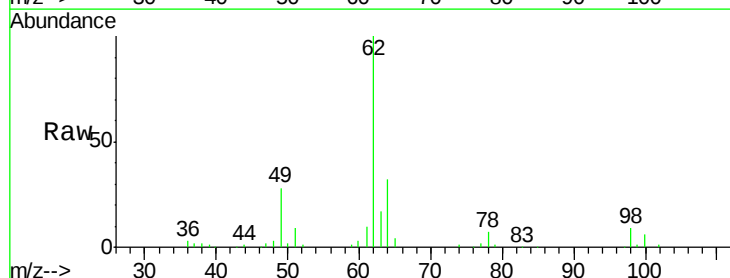
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

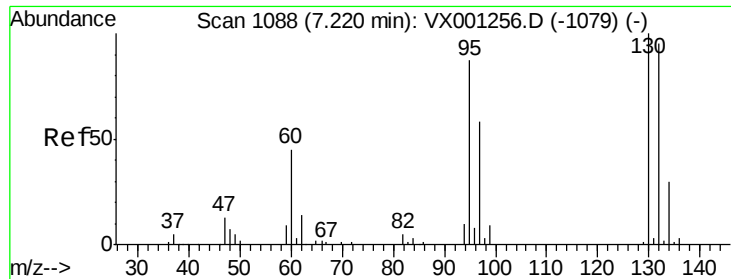
Tgt Ion:	41	Resp:	32905
Ion	Ratio	Lower	Upper
41	100		
39	59.0	29.8	89.3
67	72.6	28.7	86.3
52	28.1	14.0	41.9



#36
1,2-Dichloroethane
Concen: 19.57 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion:	62	Resp:	64064
Ion	Ratio	Lower	Upper
62	100		
98	8.7	6.9	10.3





#37

Trichloroethene

Concen: 19.20 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

ClientSampleId :

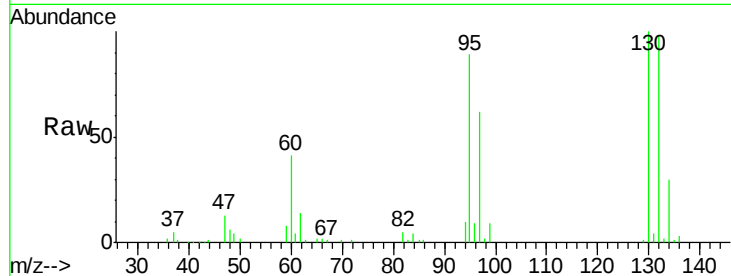
VSTDCCC020EC

Tgt Ion:130 Resp: 49651

Ion Ratio Lower Upper

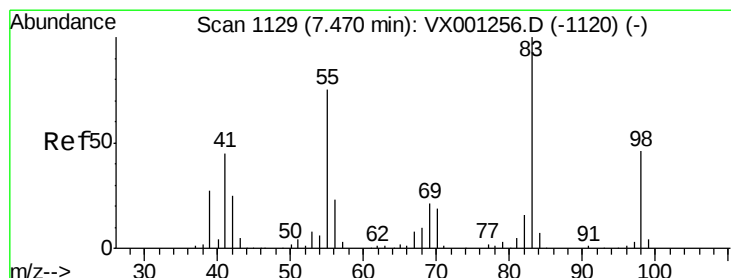
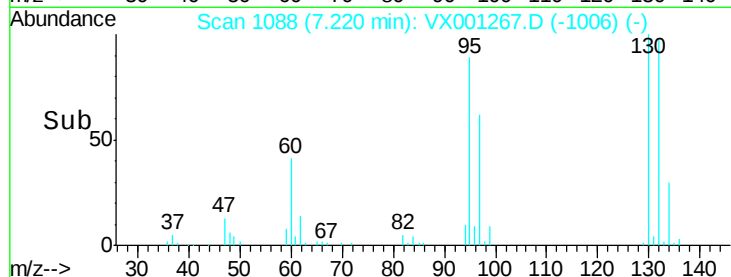
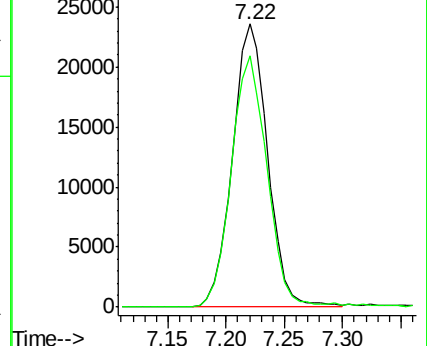
130 100

95 89.0 74.6 112.0



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 18.66 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

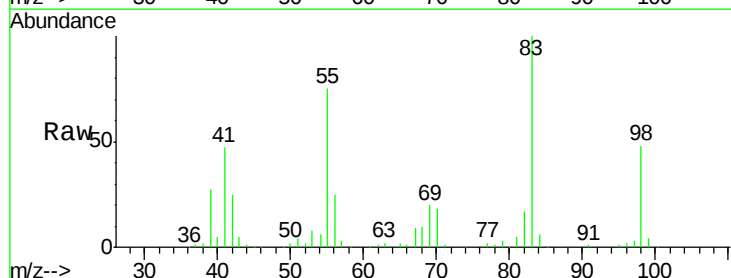
Tgt Ion: 83 Resp: 63198

Ion Ratio Lower Upper

83 100

55 77.2 35.9 107.7

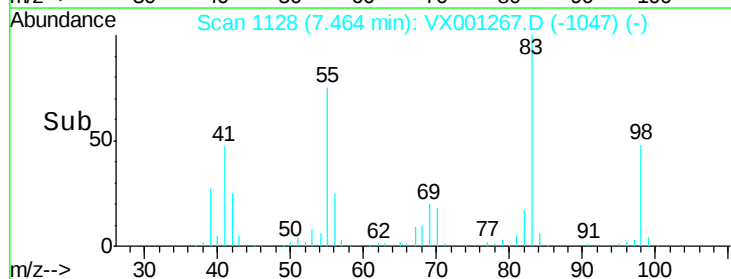
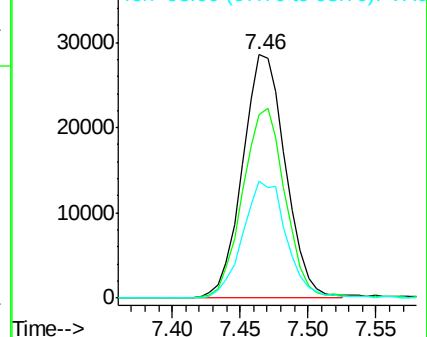
98 49.2 24.6 74.0

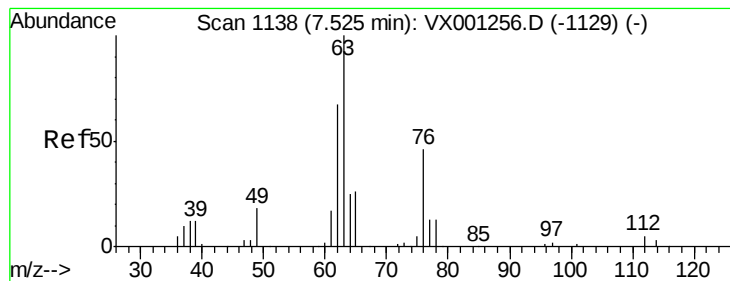


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 19.18 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

ClientSampleId :

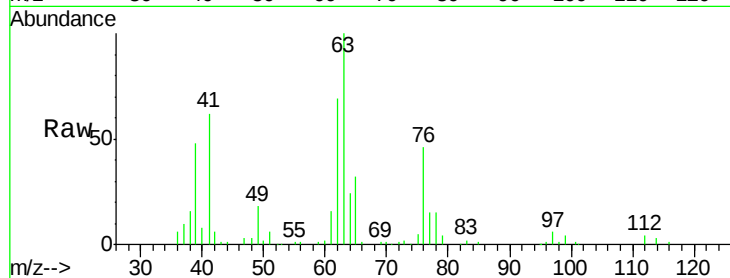
VSTDCCC020EC

Tgt Ion: 63 Resp: 41485

Ion Ratio Lower Upper

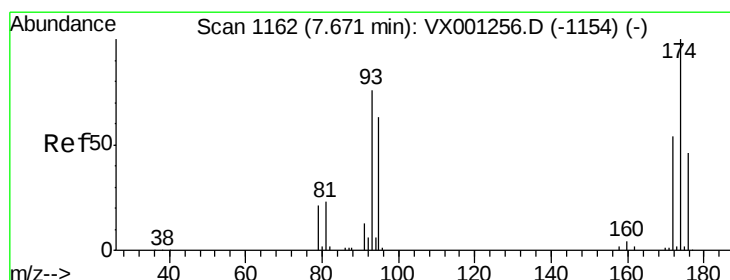
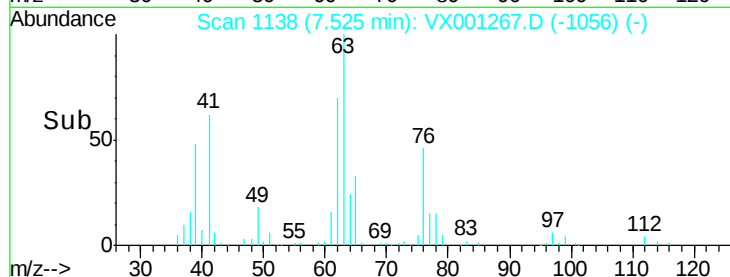
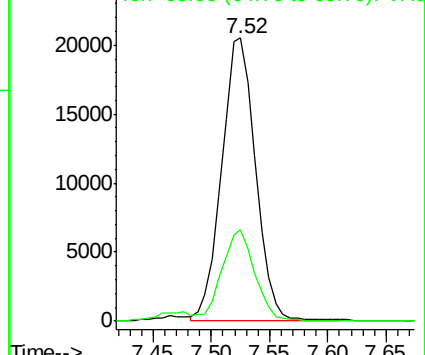
63 100

65 32.6 25.0 37.6



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 19.41 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

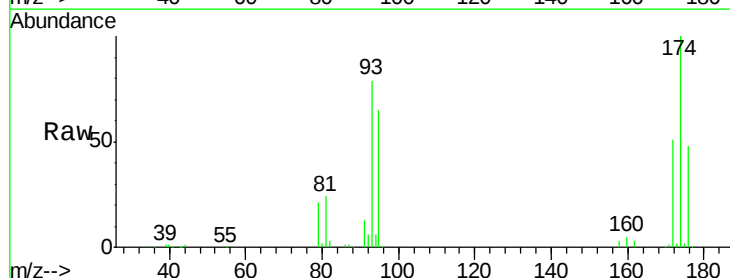
Tgt Ion: 93 Resp: 29529

Ion Ratio Lower Upper

93 100

95 82.8 0.0 170.6

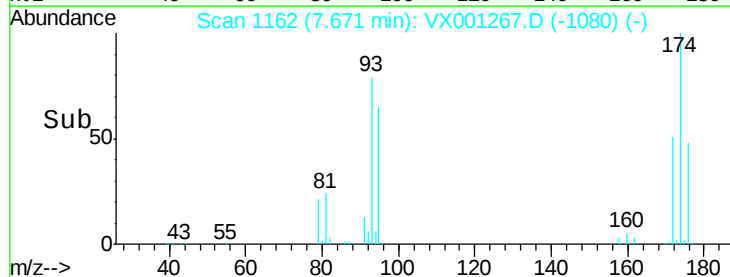
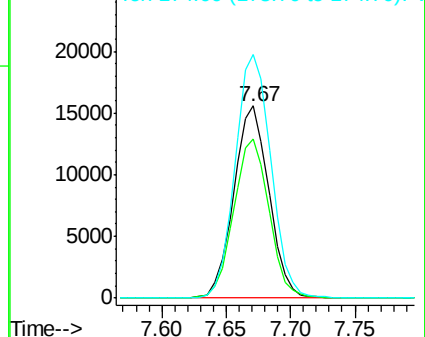
174 128.7 0.0 210.4

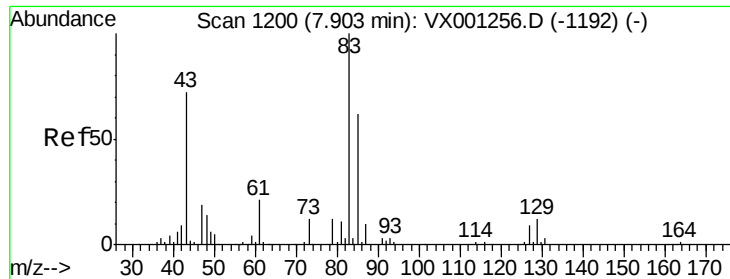


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 18.18 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

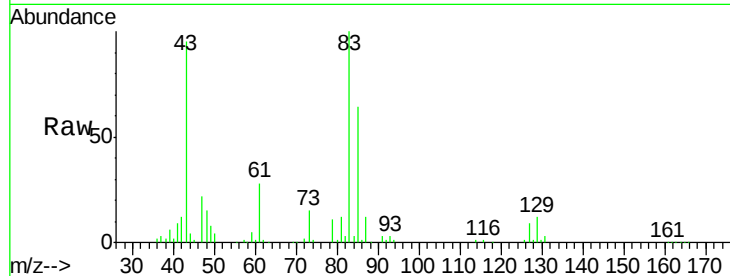
Tgt Ion: 83 Resp: 52249

Ion Ratio Lower Upper

83 100

85 63.8 50.0 75.0

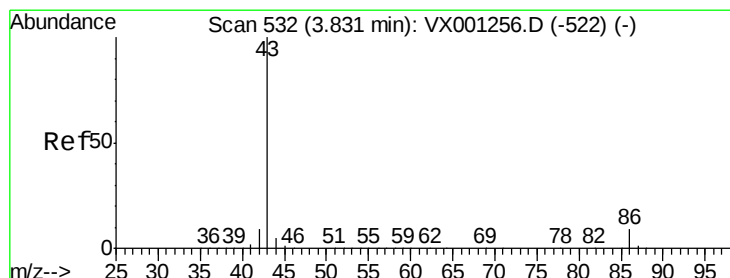
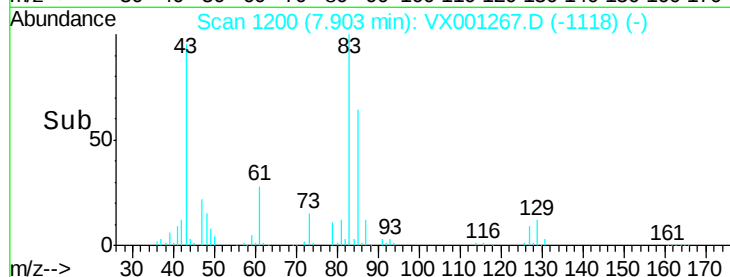
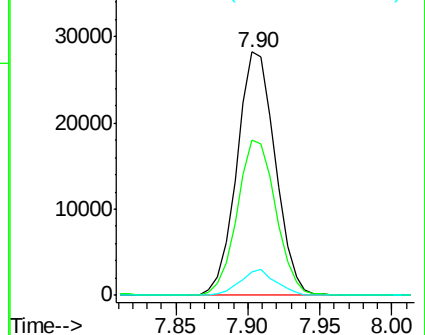
127 9.5 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 18.84 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001267.D

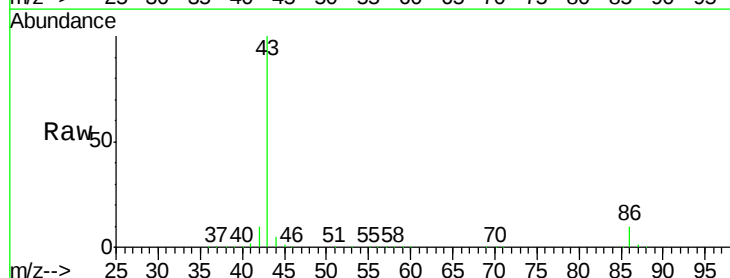
Acq: 30 Apr 2018 21:46

Tgt Ion: 43 Resp: 546462

Ion Ratio Lower Upper

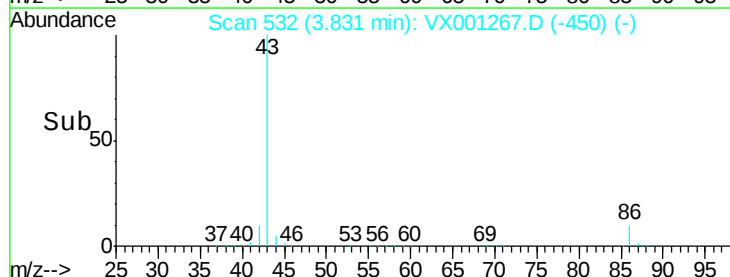
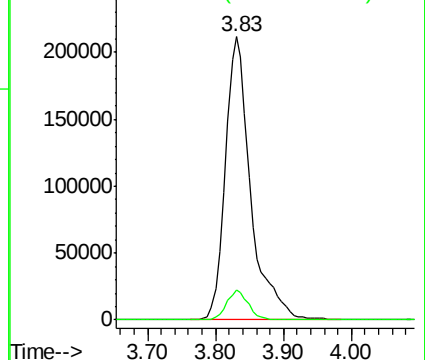
43 100

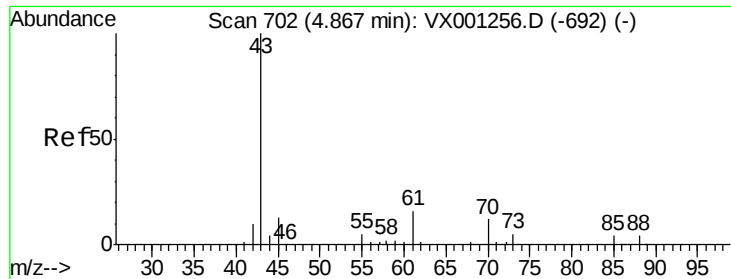
86 9.0 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 20.82 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

ClientSampleId :

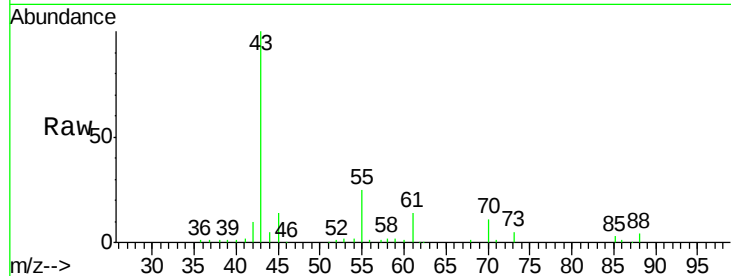
VSTDCCC020EC

Tgt Ion: 43 Resp: 59139

Ion Ratio Lower Upper

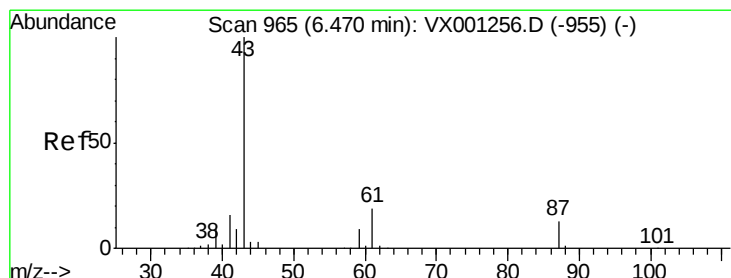
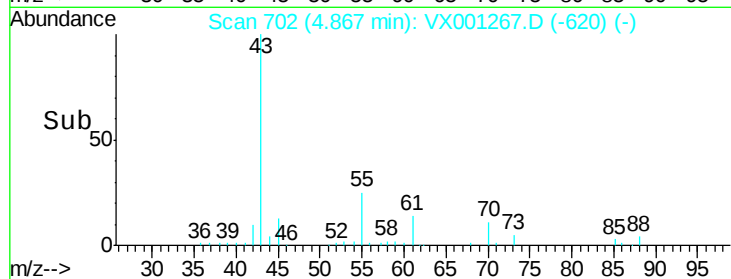
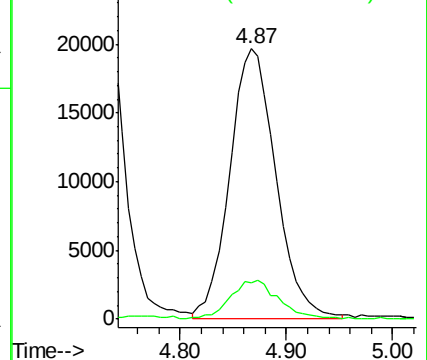
43 100

45 15.2 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 19.72 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001267.D

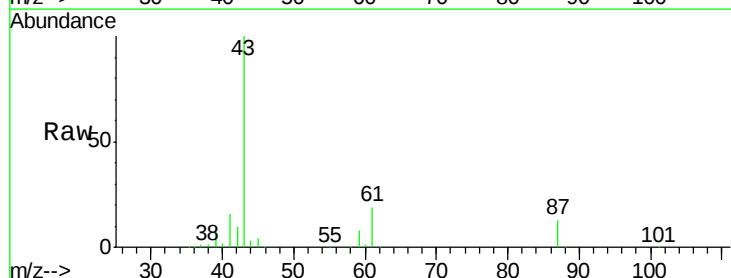
Acq: 30 Apr 2018 21:46

Tgt Ion: 43 Resp: 95299

Ion Ratio Lower Upper

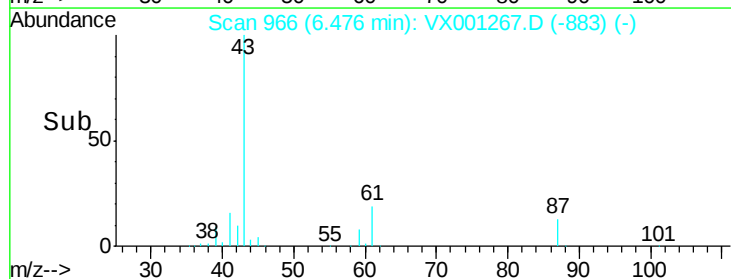
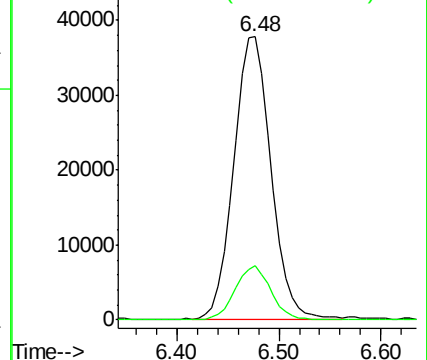
43 100

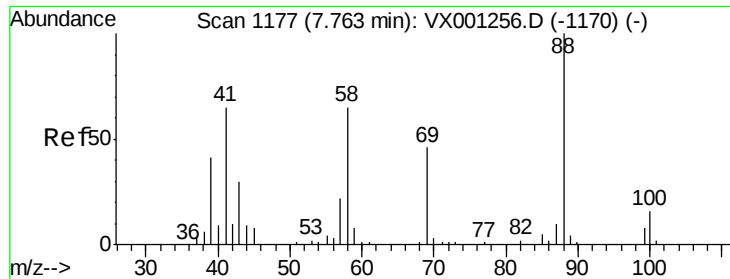
61 18.4 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

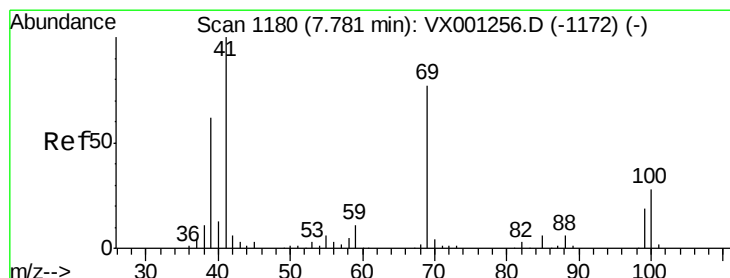
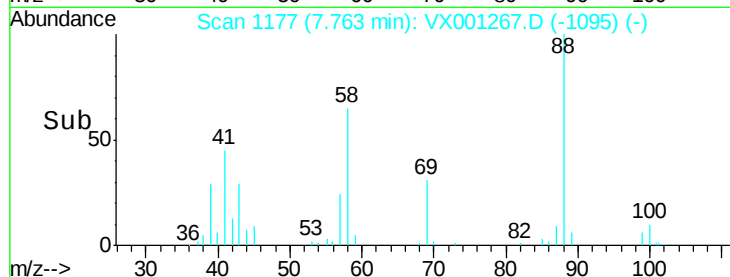
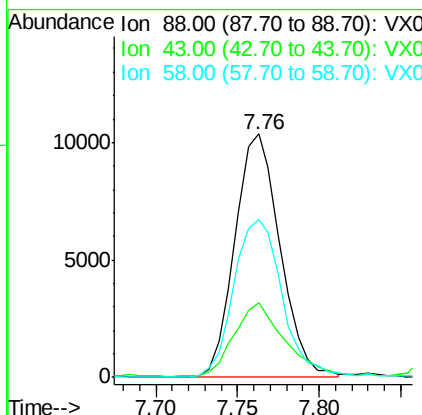
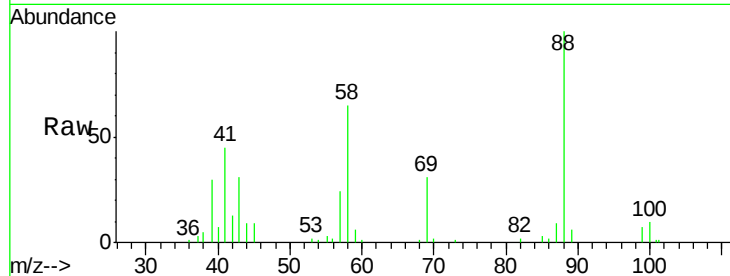




#45
 1,4-Dioxane
 Concen: 454.48 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

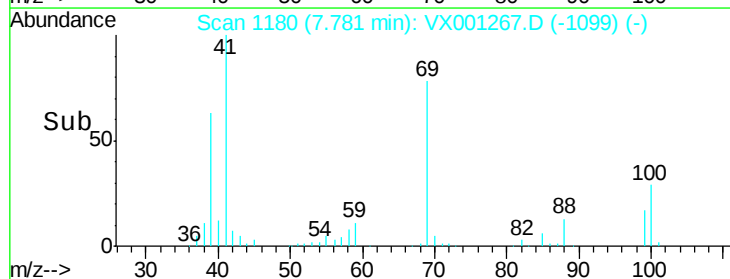
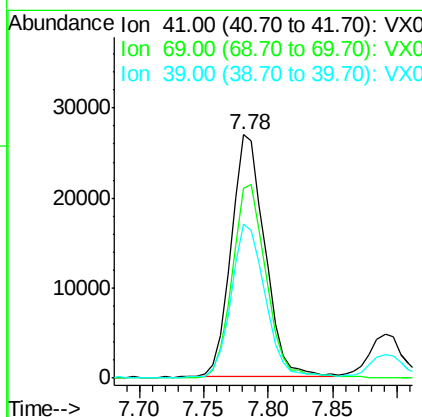
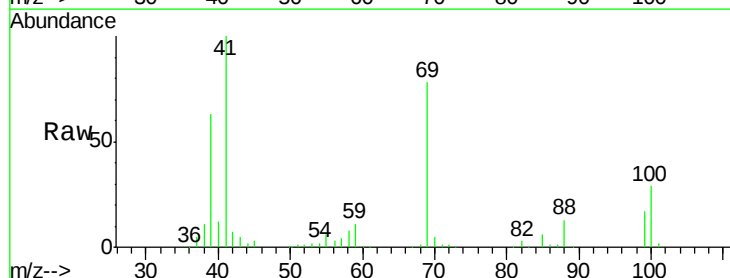
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

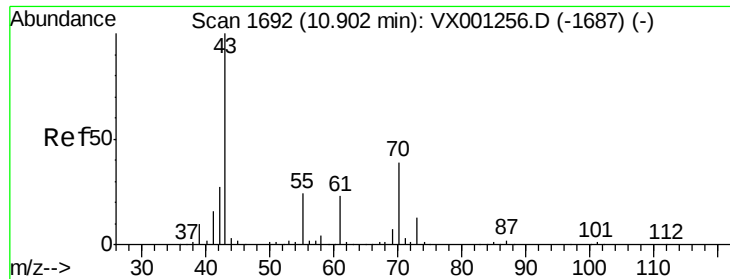
Tgt Ion: 88 Resp: 19962
 Ion Ratio Lower Upper
 88 100
 43 33.4 26.8 40.2
 58 69.6 52.1 78.1



#46
 Methyl methacrylate
 Concen: 19.60 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

Tgt Ion: 41 Resp: 49264
 Ion Ratio Lower Upper
 41 100
 69 78.3 45.5 136.5
 39 62.8 32.5 97.5





#47

n-amy1 Acetate

Concen: 17.99 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

ClientSampleId :

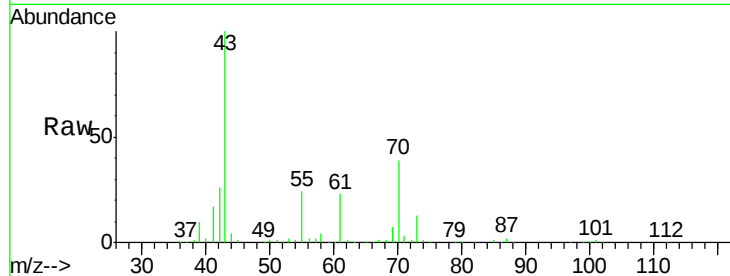
VSTDCCC020EC

Tgt Ion: 43 Resp: 83436

Ion Ratio Lower Upper

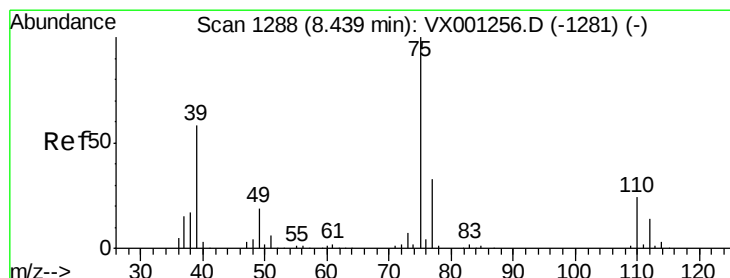
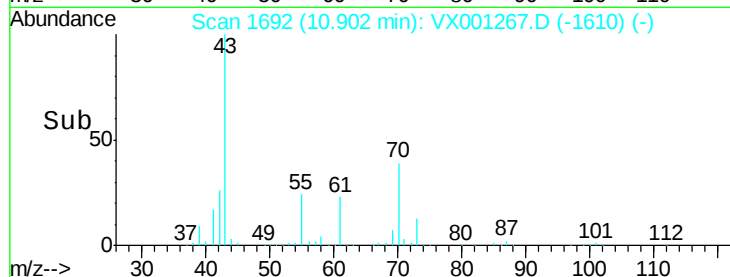
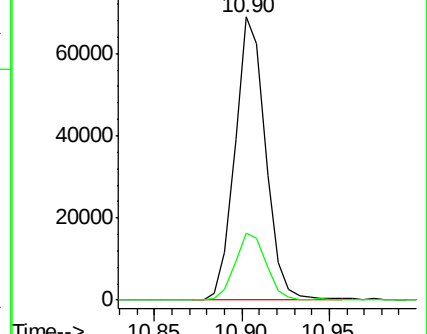
43 100

55 24.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 17.84 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX001267.D

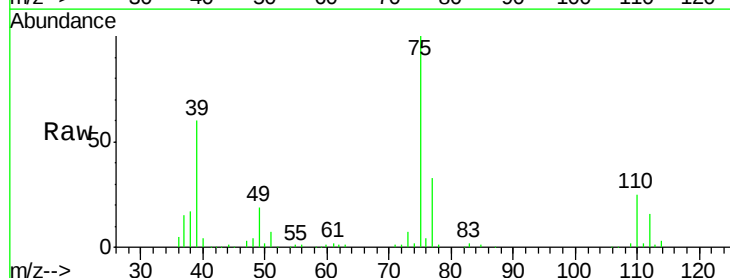
Acq: 30 Apr 2018 21:46

Tgt Ion: 75 Resp: 60356

Ion Ratio Lower Upper

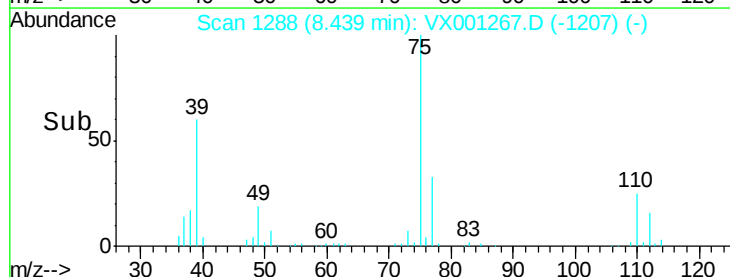
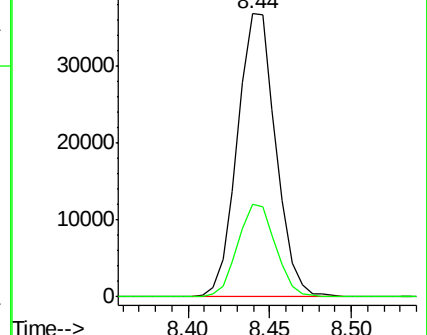
75 100

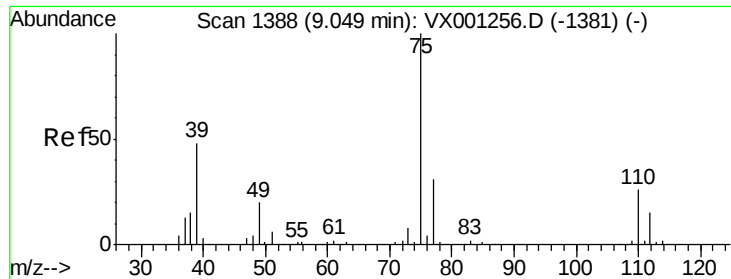
77 33.0 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

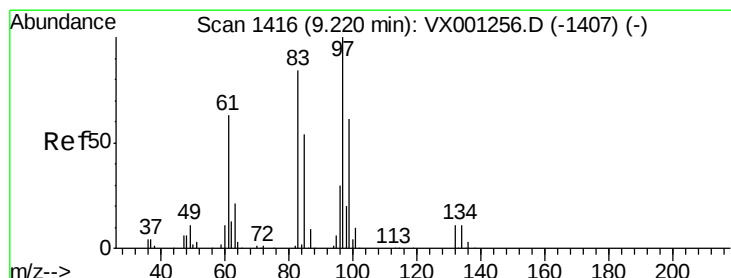
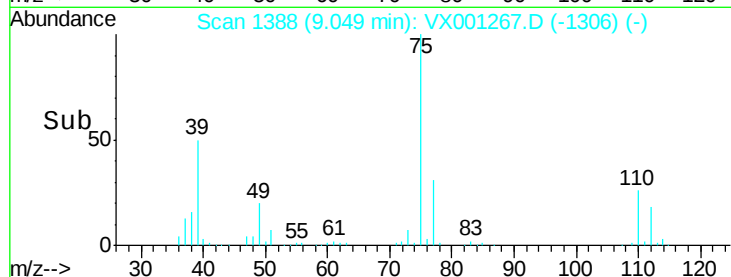
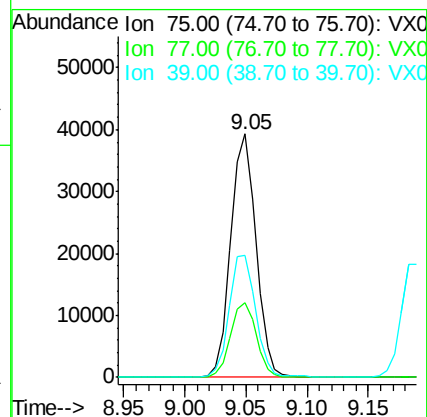
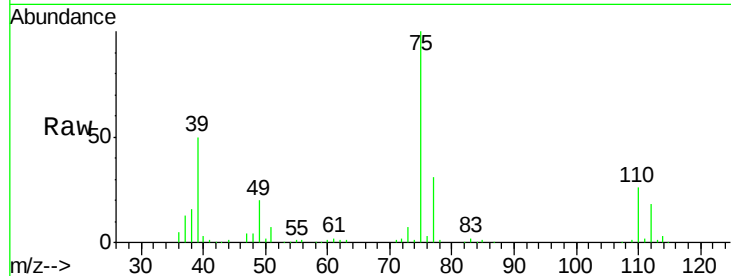




#49
 cis-1,3-Dichloropropene
 Concen: 17.36 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

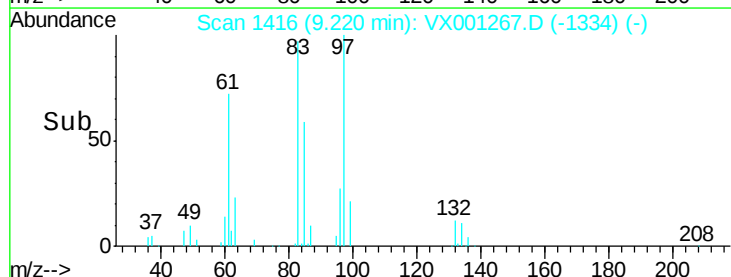
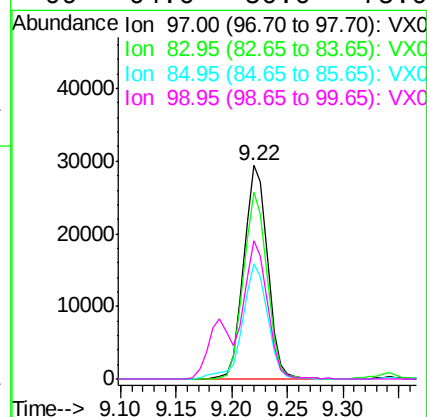
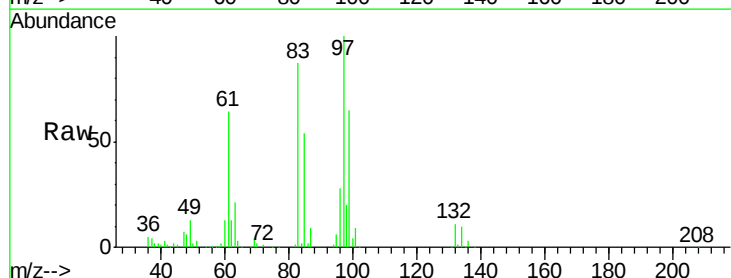
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

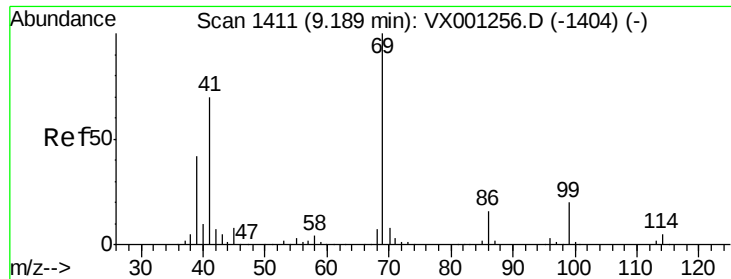
Tgt Ion: 75 Resp: 56256
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.5 36.7
 39 49.7 35.6 53.4



#50
 1,1,2-Trichloroethane
 Concen: 19.39 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

Tgt Ion: 97 Resp: 43815
 Ion Ratio Lower Upper
 97 100
 83 87.2 66.9 100.3
 85 54.1 44.4 66.6
 99 64.6 50.0 75.0

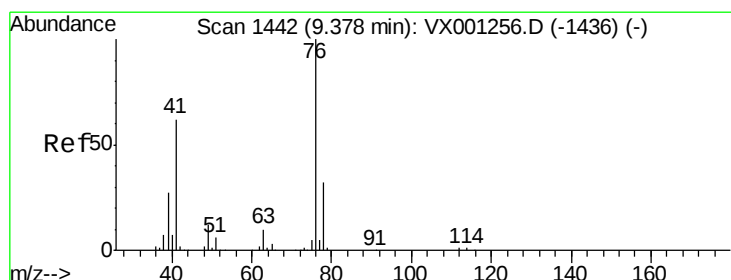
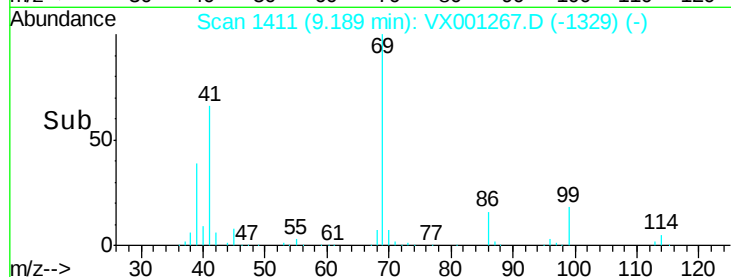
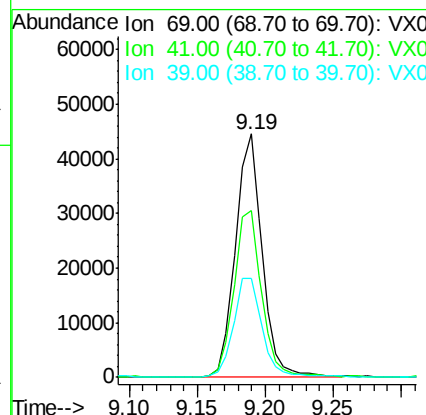
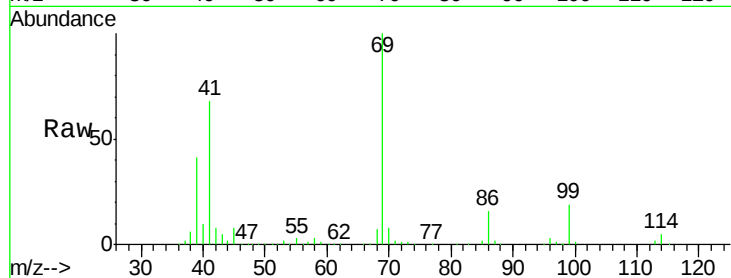




#51
Ethyl methacrylate
Concen: 18.93 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

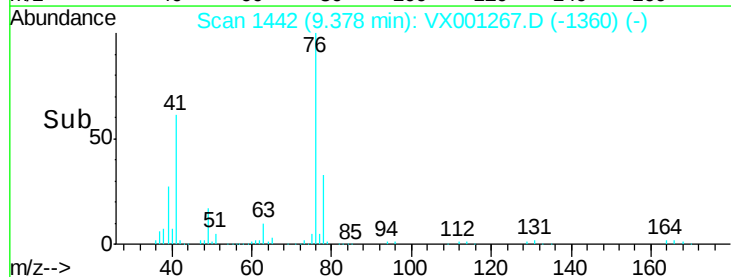
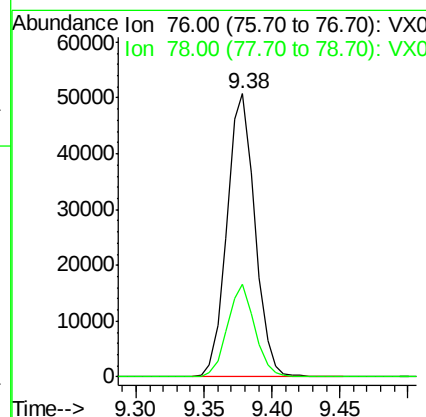
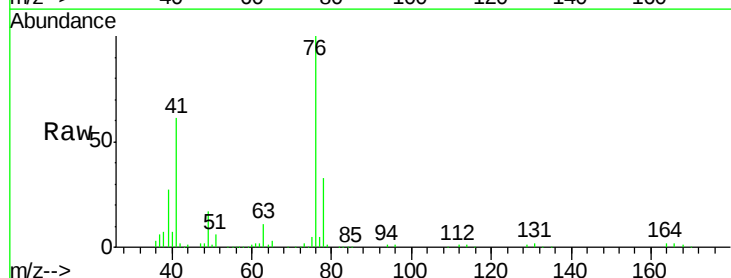
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

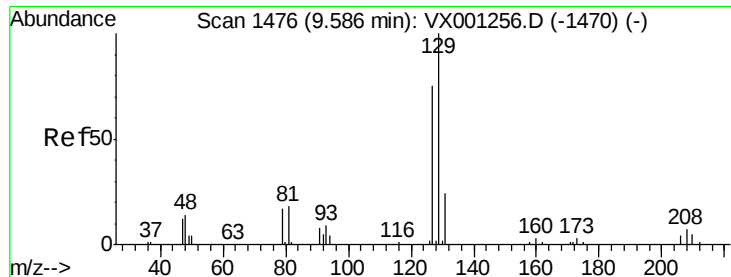
Tgt Ion: 69 Resp: 60939
Ion Ratio Lower Upper
69 100
41 68.3 32.1 96.3
39 40.6 19.6 58.7



#52
1,3-Dichloropropane
Concen: 19.86 ug/l
RT: 9.38 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion: 76 Resp: 72546
Ion Ratio Lower Upper
76 100
78 31.7 0.0 65.0

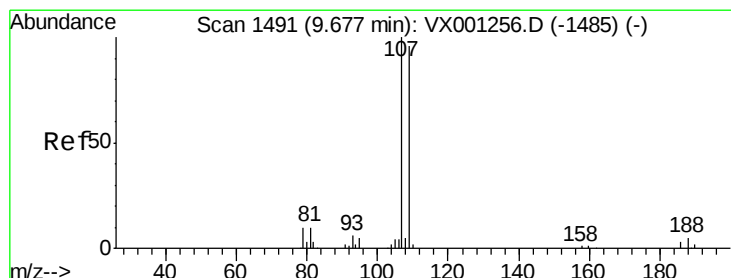
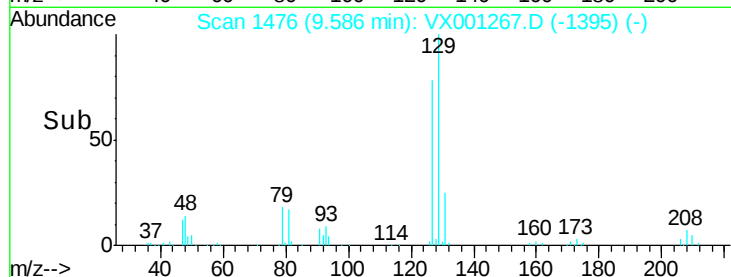
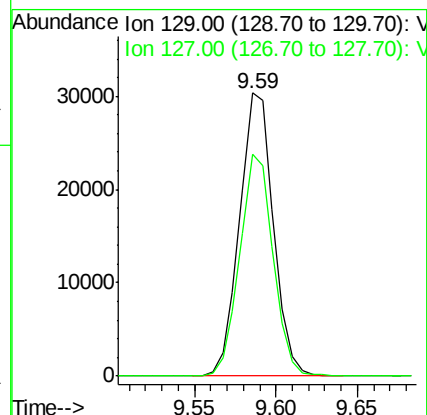
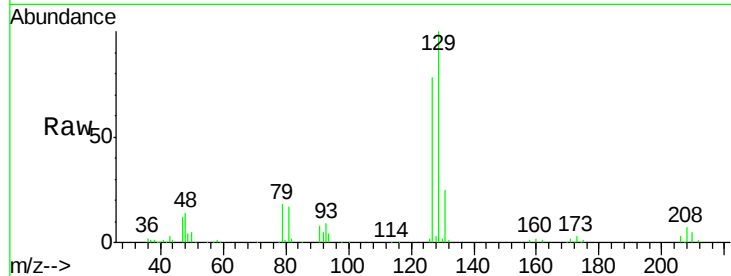




#53
 Dibromochloromethane
 Concen: 17.63 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

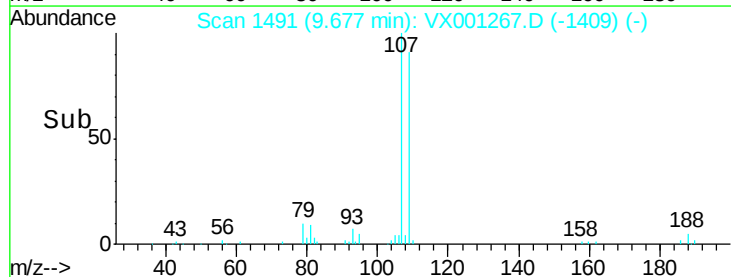
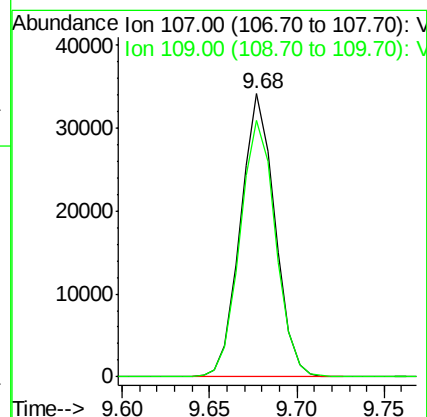
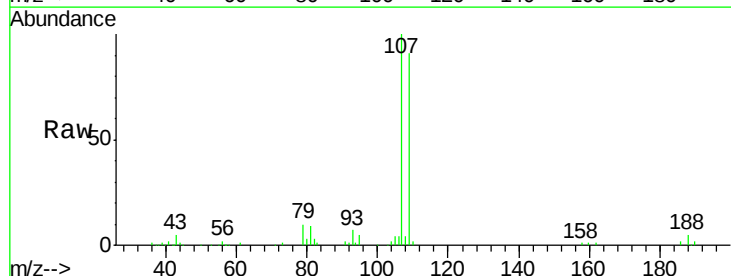
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

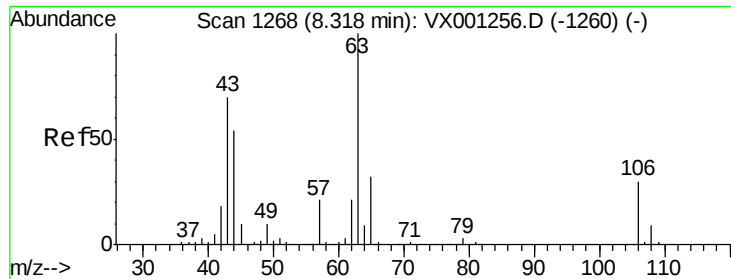
Tgt Ion:129 Resp: 43962
 Ion Ratio Lower Upper
 129 100
 127 77.4 37.5 112.5



#54
 1,2-Dibromoethane
 Concen: 19.34 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

Tgt Ion:107 Resp: 46759
 Ion Ratio Lower Upper
 107 100
 109 93.6 74.5 111.7

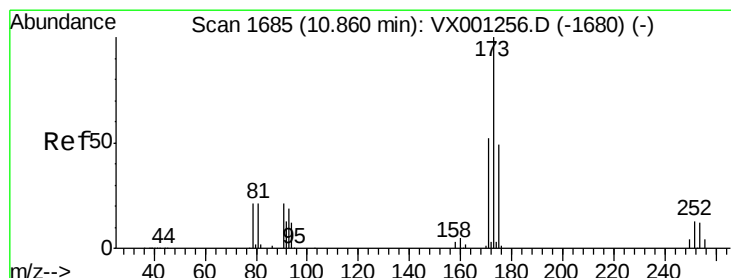
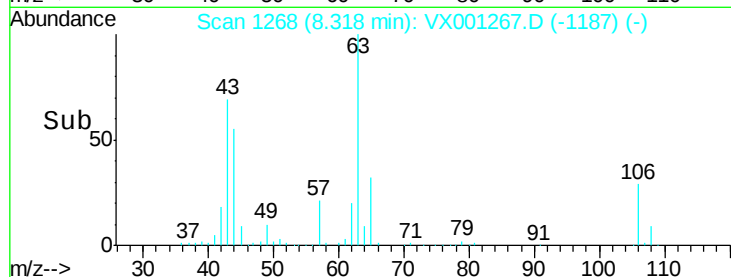
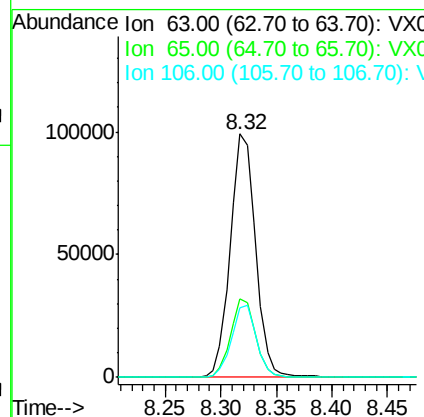
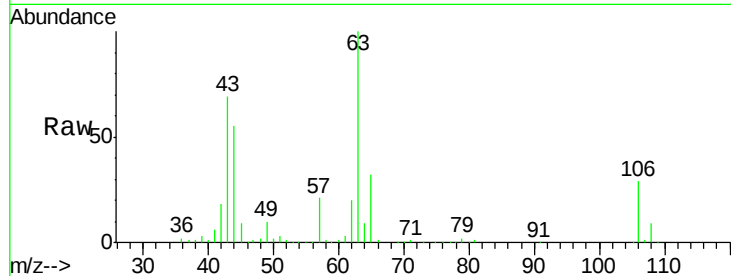




#55
2-Chloroethyl vinyl ether
Concen: 99.64 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

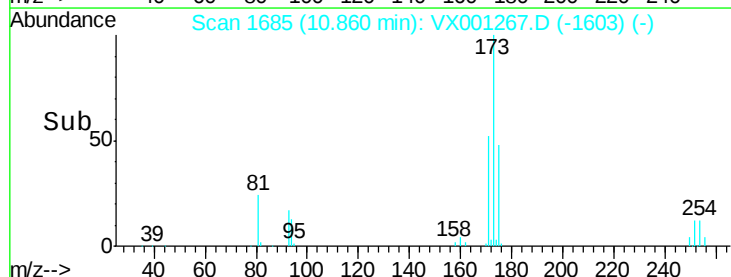
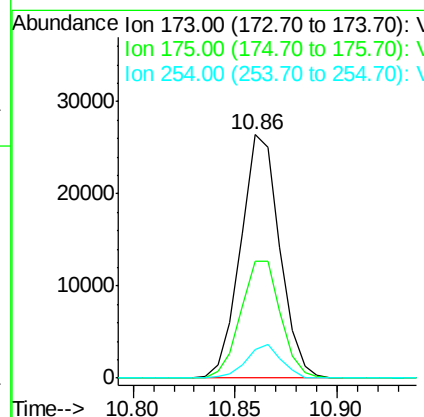
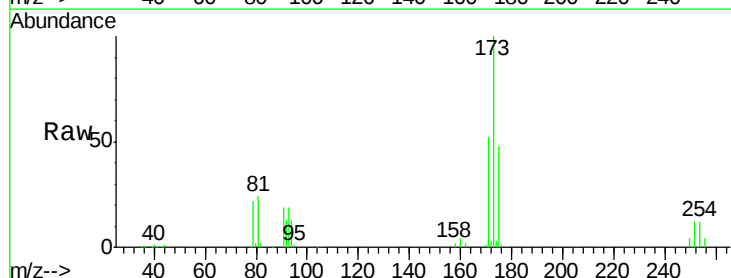
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

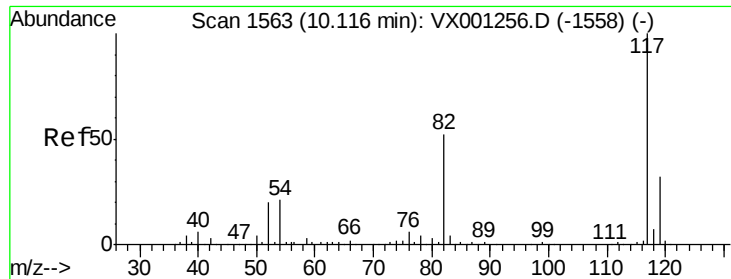
Tgt Ion: 63 Resp: 157142
Ion Ratio Lower Upper
63 100
65 31.6 25.8 38.8
106 29.3 23.8 35.6



#56
Bromoform
Concen: 17.21 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion: 173 Resp: 35129
Ion Ratio Lower Upper
173 100
175 49.2 39.0 58.4
254 12.5 7.0 10.4#

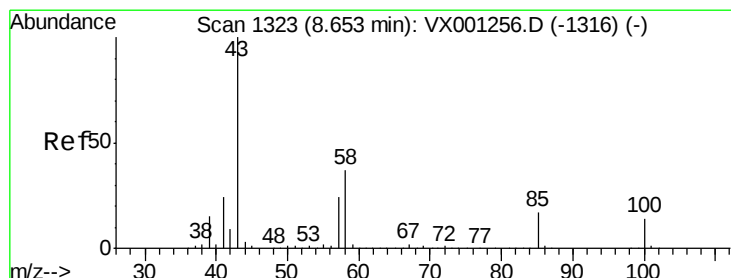
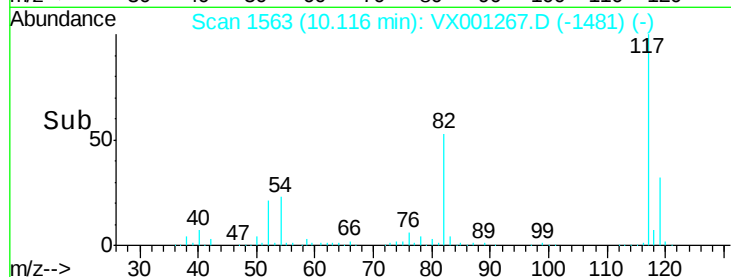
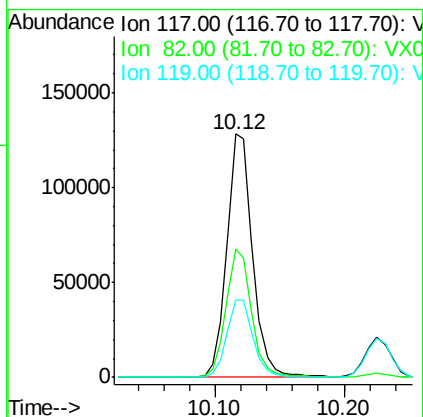
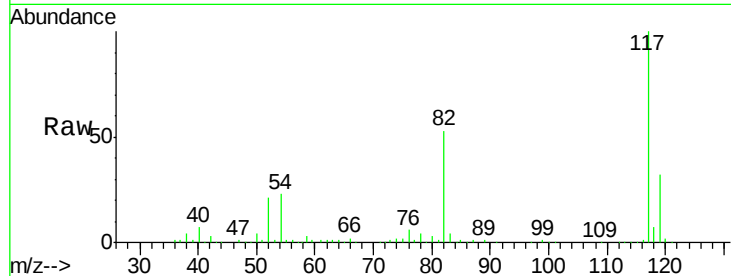




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

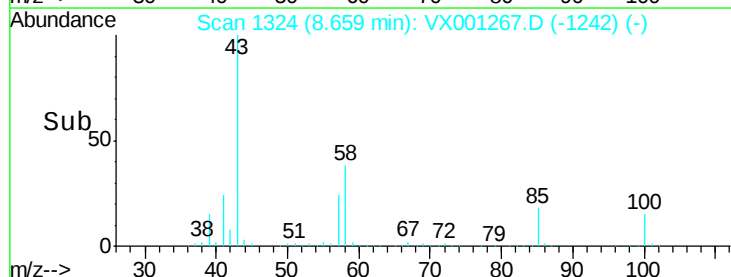
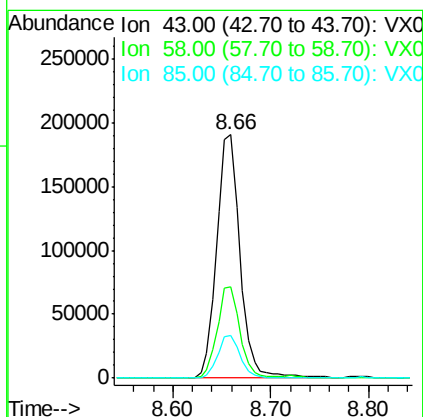
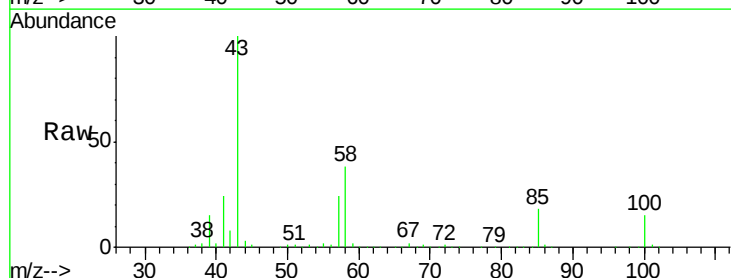
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

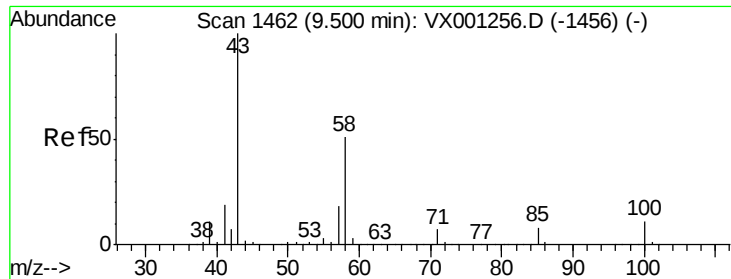
Tgt Ion: 117 Resp: 181360
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.4
119 32.5 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 21.04 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion: 43 Resp: 316685
Ion Ratio Lower Upper
43 100
58 36.5 29.8 44.8
85 17.2 14.9 22.3

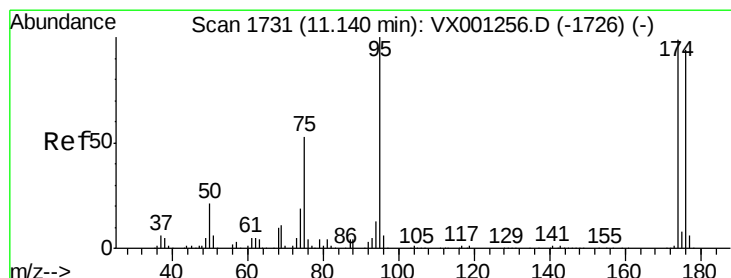
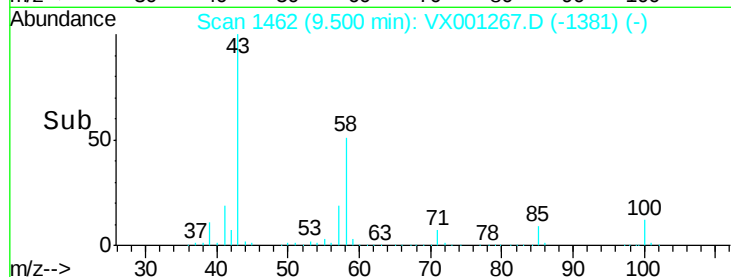
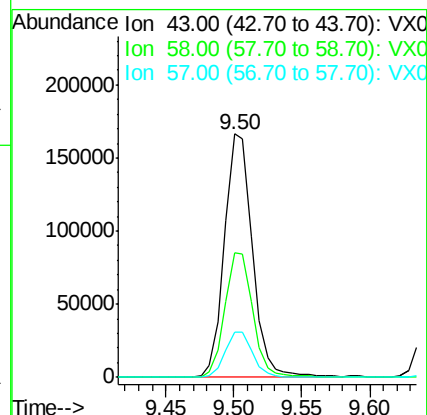
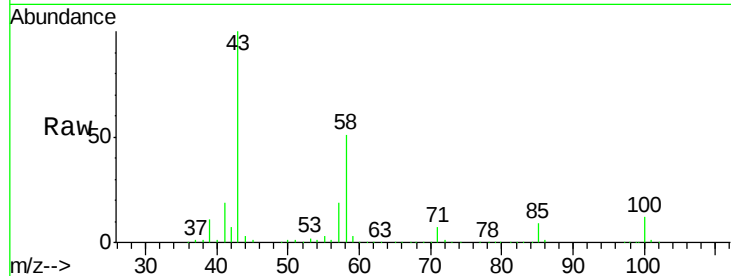




#59
2-Hexanone
Concen: 20.28 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

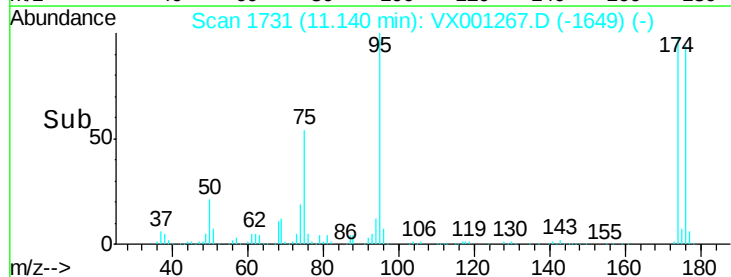
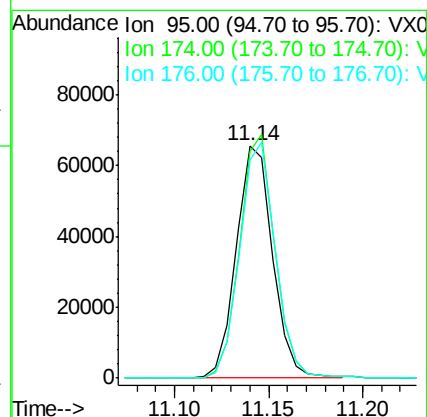
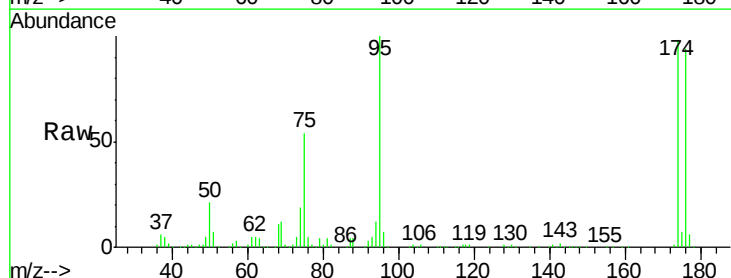
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

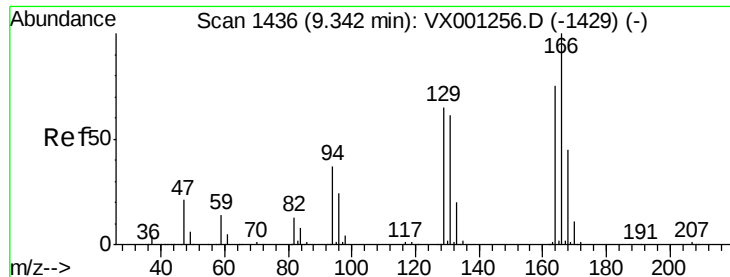
Tgt Ion: 43 Resp: 237782
Ion Ratio Lower Upper
43 100
58 51.1 43.0 64.6
57 18.6 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 28.91 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion: 95 Resp: 87846
Ion Ratio Lower Upper
95 100
174 101.9 71.1 106.7
176 99.1 69.3 103.9

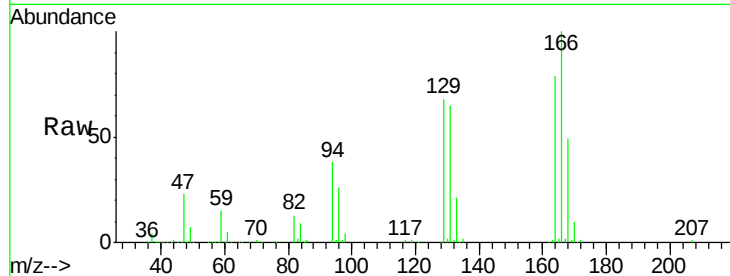




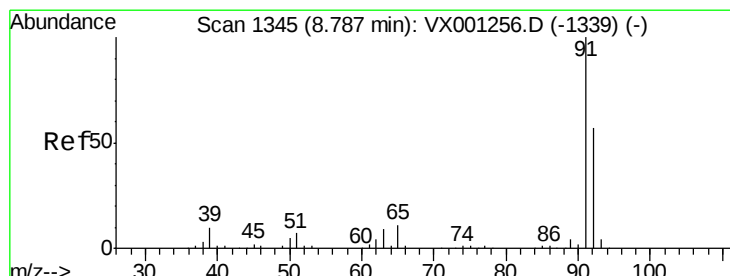
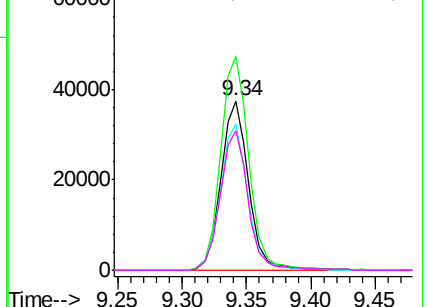
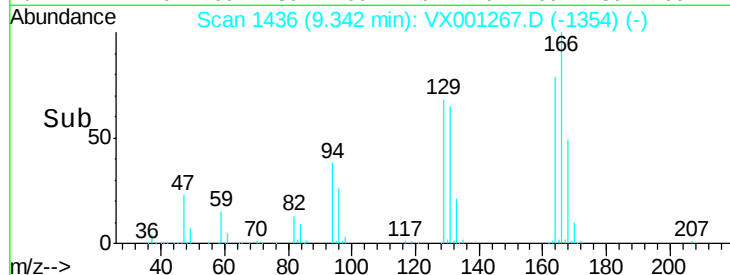
#61
Tetrachloroethene
Concen: 20.35 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:164 Resp: 56557
Ion Ratio Lower Upper
164 100
166 126.3 99.0 148.4
129 86.0 77.0 115.6
131 82.3 75.8 113.6

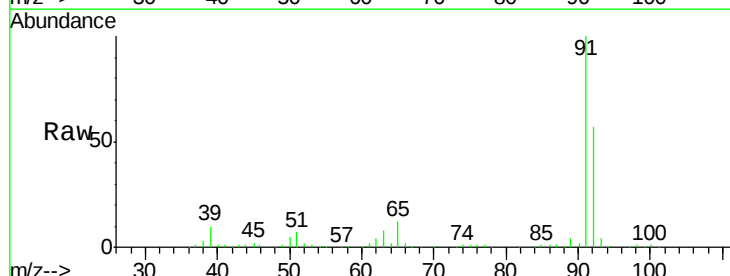


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

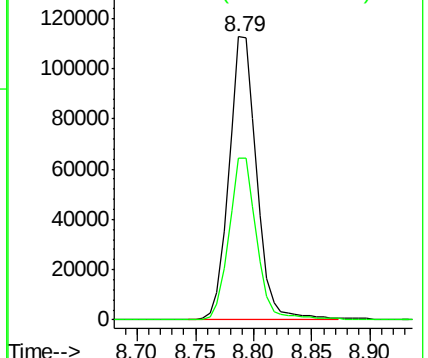
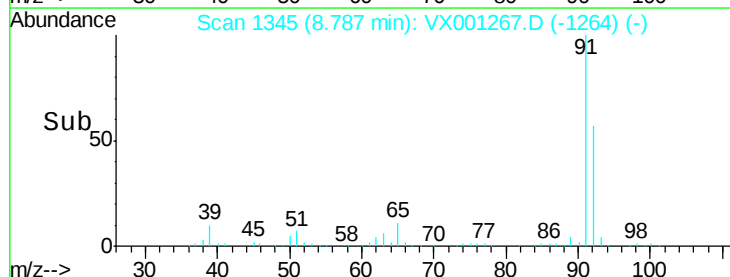


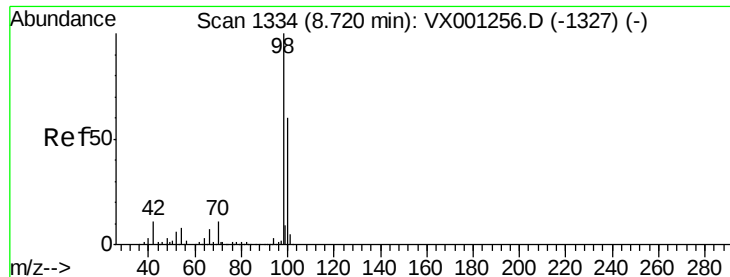
#62
Toluene
Concen: 19.20 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion: 91 Resp: 187129
Ion Ratio Lower Upper
91 100
92 57.3 45.4 68.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.20 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

ClientSampleId :

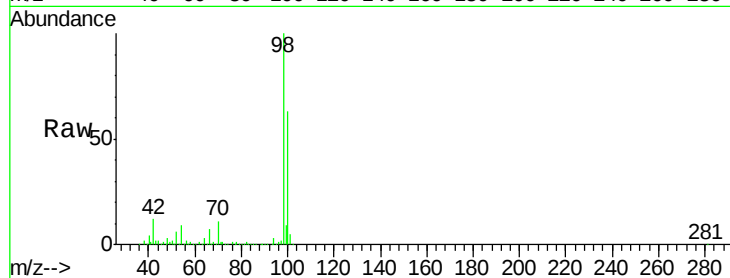
VSTDCCC020EC

Tgt Ion: 98 Resp: 234874

Ion Ratio Lower Upper

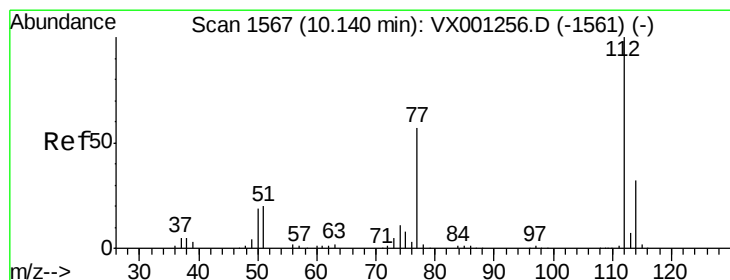
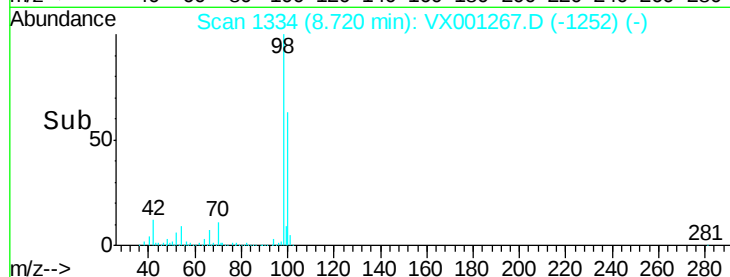
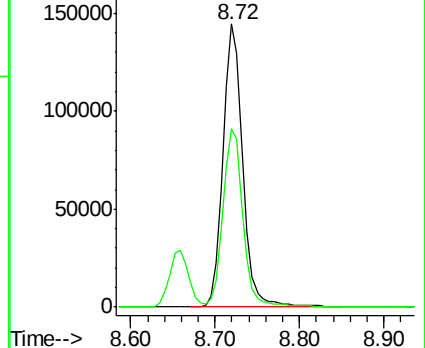
98 100

100 64.2 50.0 75.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 19.02 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001267.D

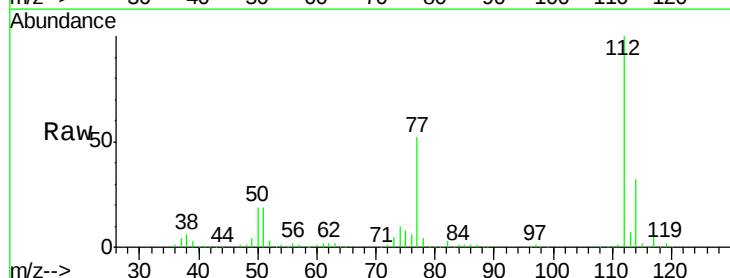
Acq: 30 Apr 2018 21:46

Tgt Ion: 112 Resp: 125102

Ion Ratio Lower Upper

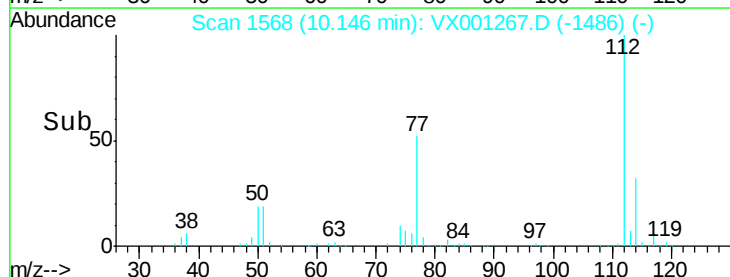
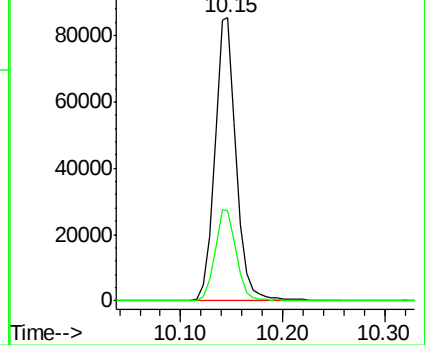
112 100

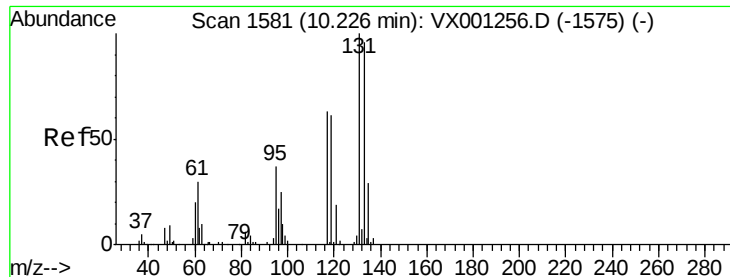
114 31.8 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 18.54 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

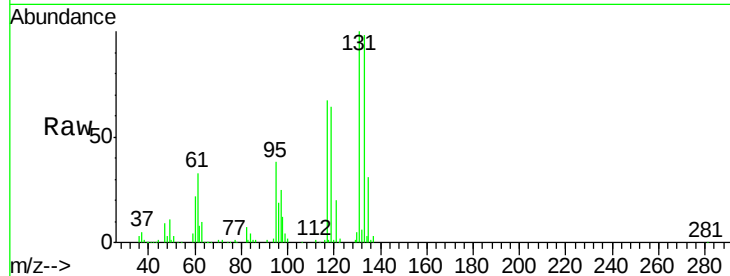
Tgt Ion:131 Resp: 44525

Ion Ratio Lower Upper

131 100

133 96.5 0.0 187.6

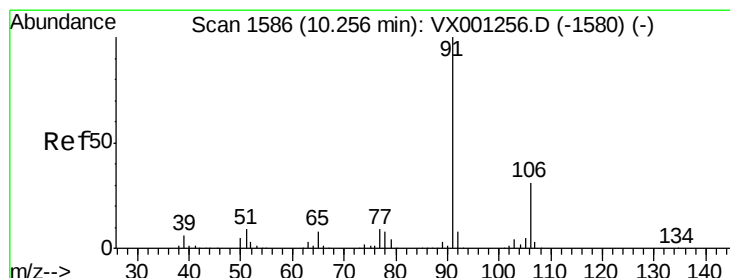
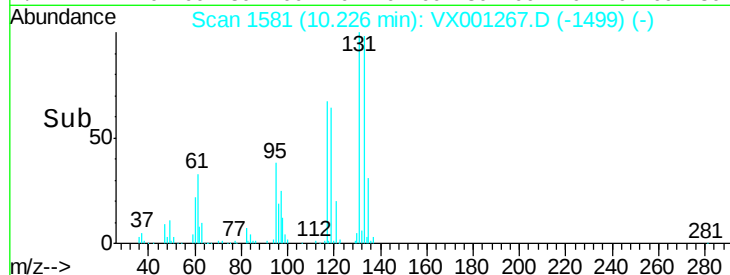
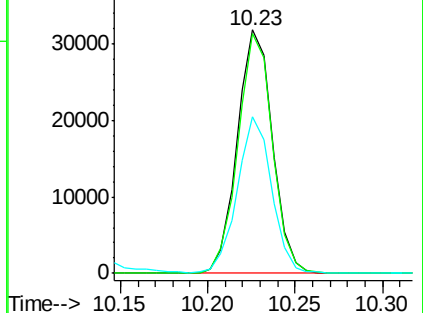
119 63.0 0.0 134.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.75 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001267.D

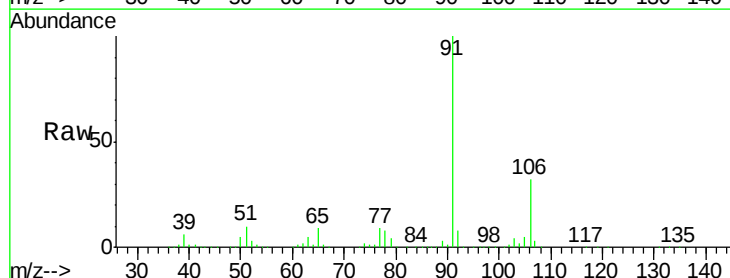
Acq: 30 Apr 2018 21:46

Tgt Ion: 91 Resp: 203980

Ion Ratio Lower Upper

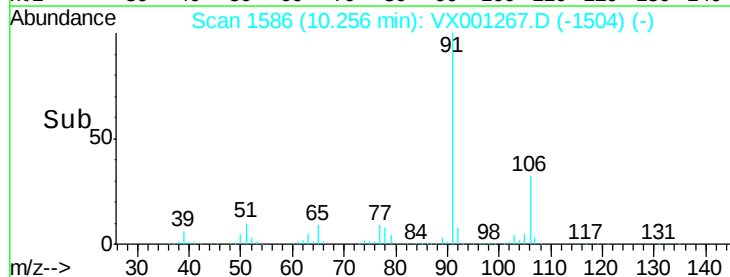
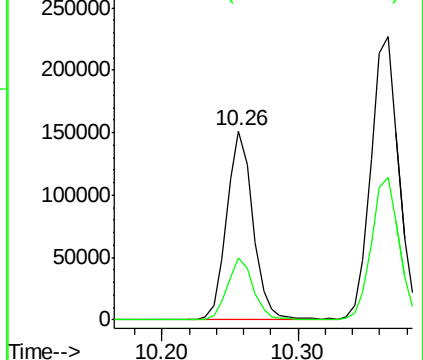
91 100

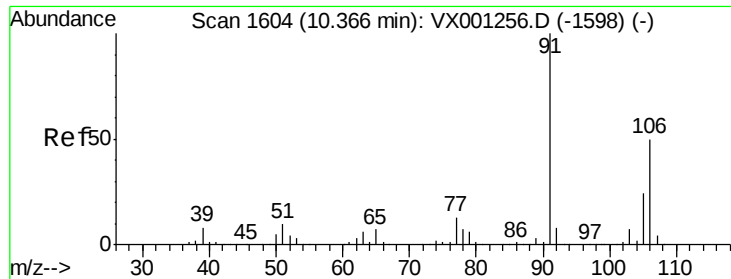
106 32.5 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

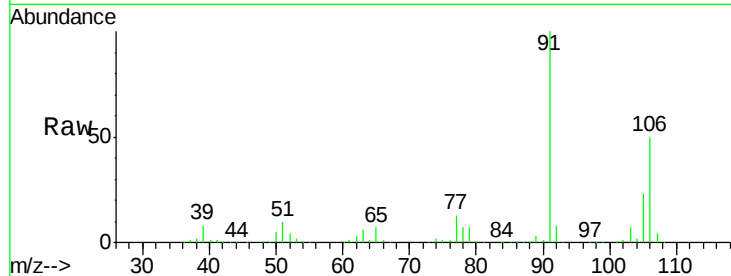




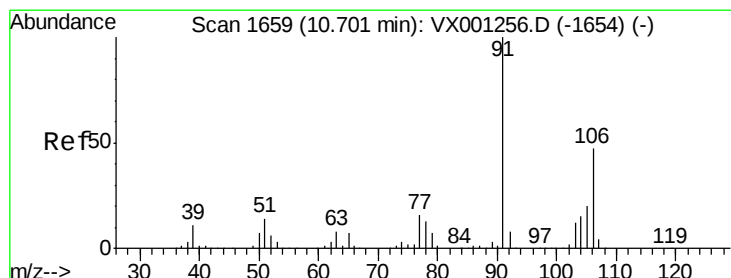
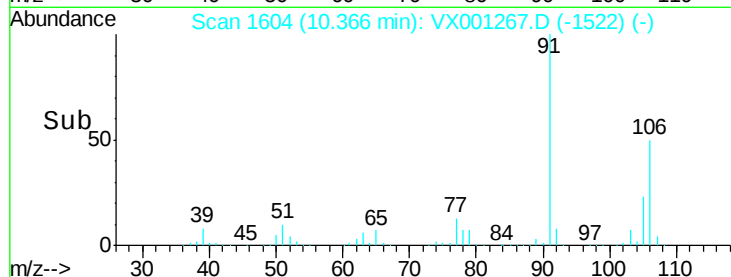
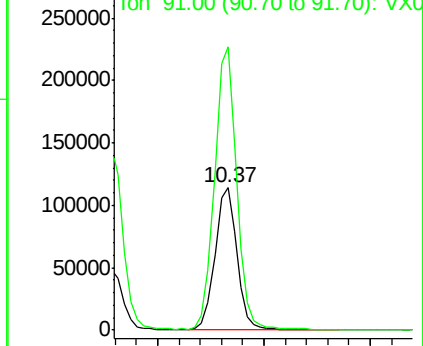
#67
m/p-Xylenes
Concen: 18.92 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 163529
Ion Ratio Lower Upper
106 100
91 197.8 161.6 242.4

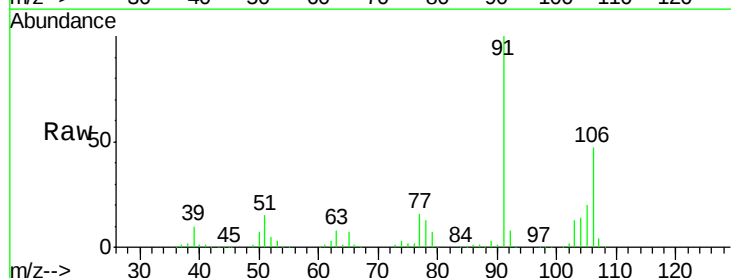


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

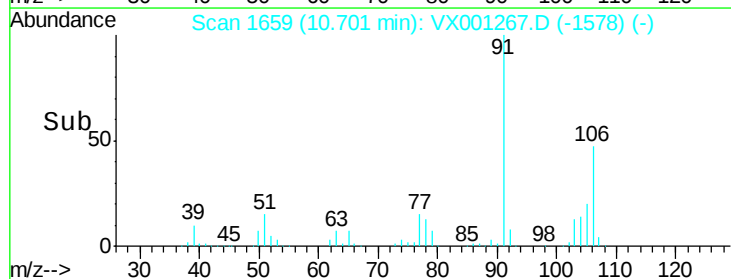
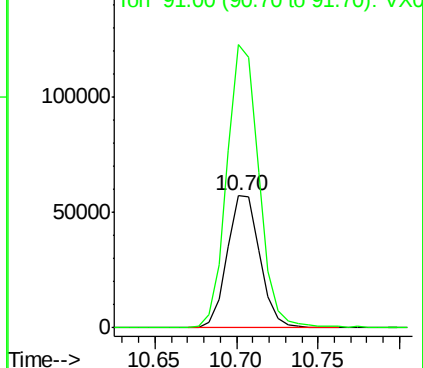


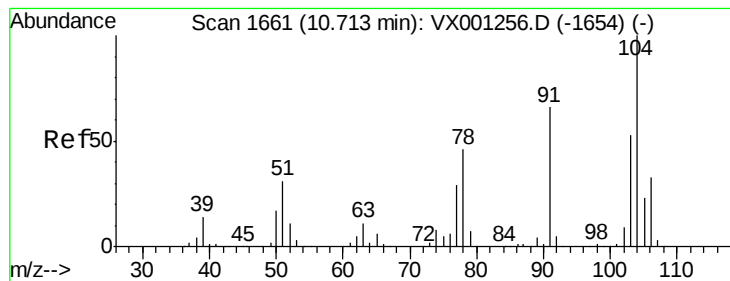
#68
o-Xylene
Concen: 19.13 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion:106 Resp: 79895
Ion Ratio Lower Upper
106 100
91 210.0 105.6 316.8



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





#69

Styrene

Concen: 18.38 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

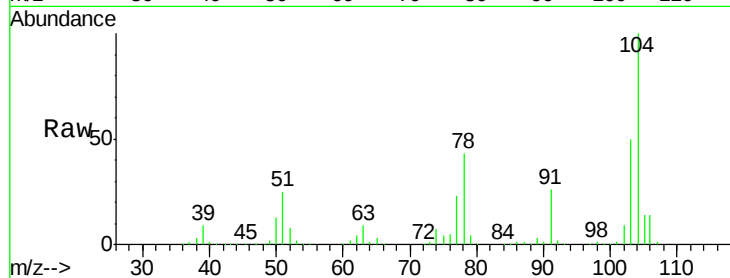
Tgt Ion:104 Resp: 127758

Ion Ratio Lower Upper

104 100

78 49.3 39.0 58.4

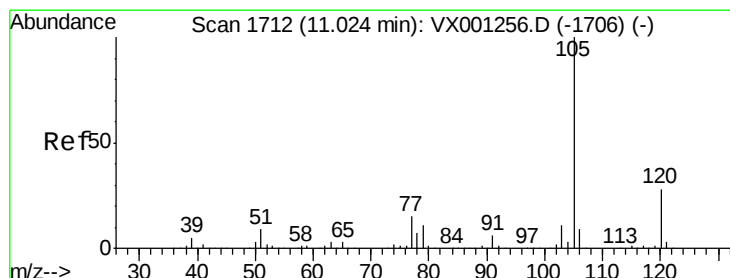
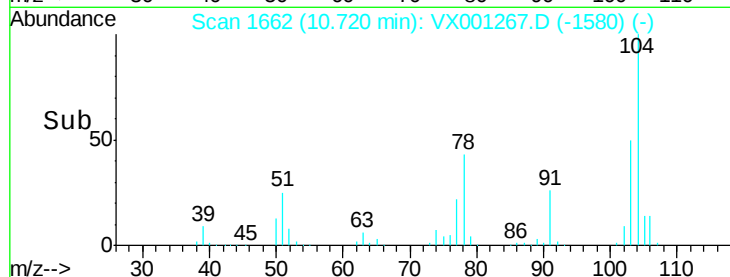
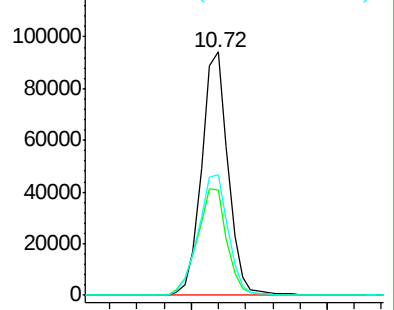
103 56.1 44.7 67.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 18.82 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001267.D

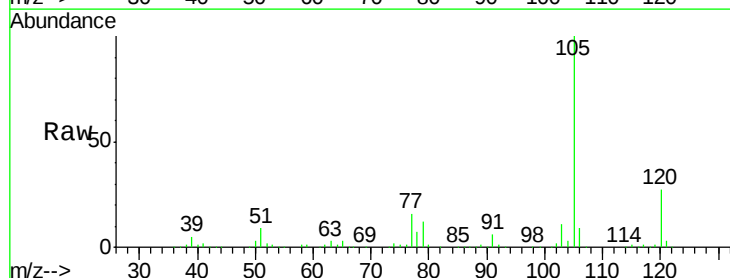
Acq: 30 Apr 2018 21:46

Tgt Ion:105 Resp: 213457

Ion Ratio Lower Upper

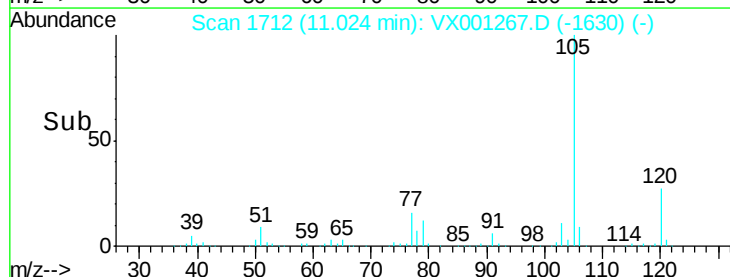
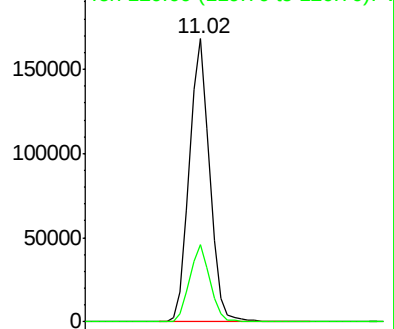
105 100

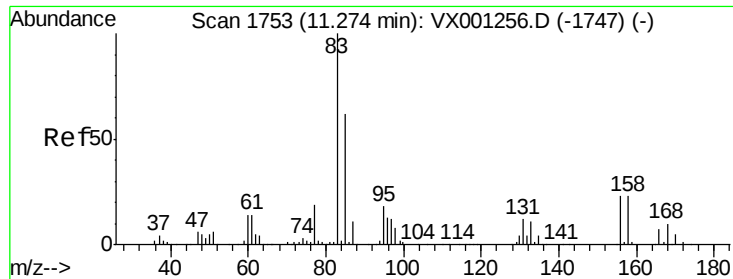
120 27.4 18.8 35.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

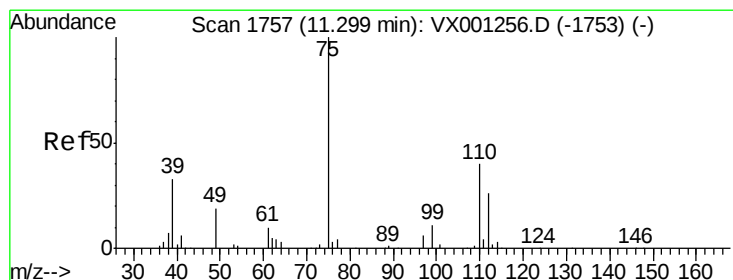
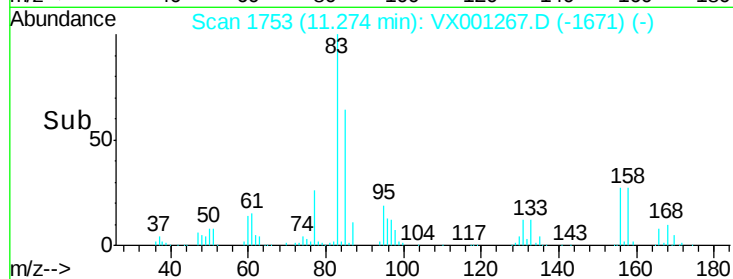
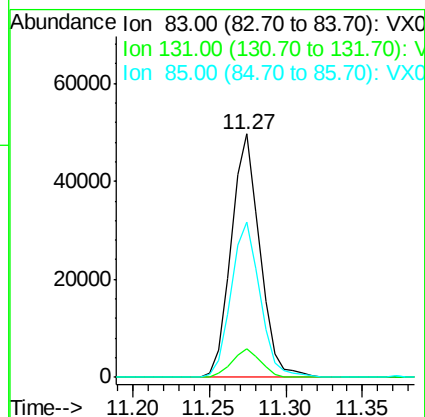
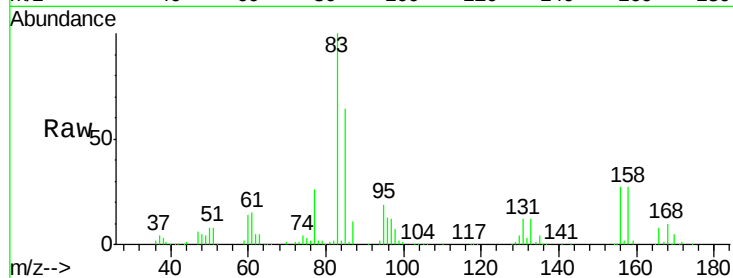




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.41 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

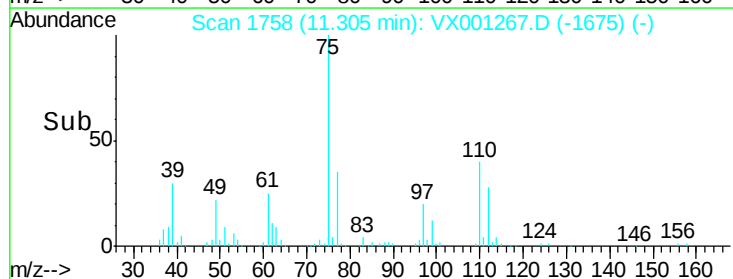
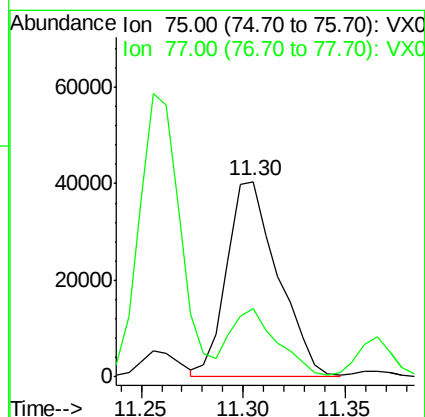
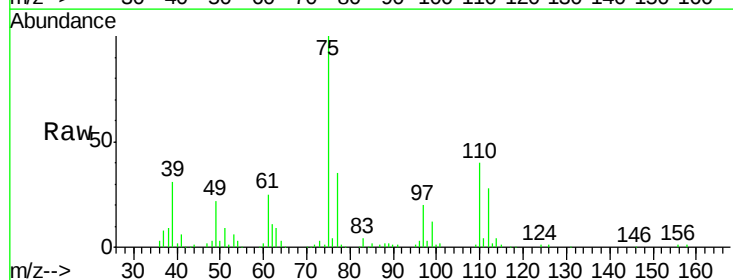
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

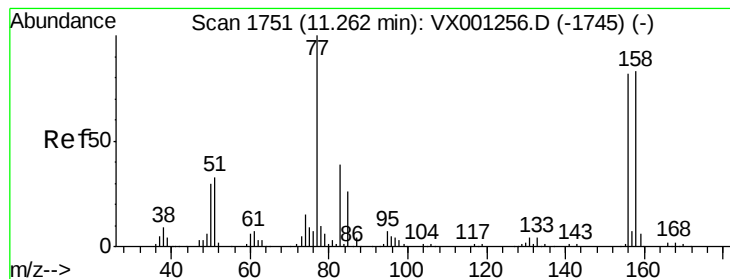
Tgt Ion: 83 Resp: 64593
 Ion Ratio Lower Upper
 83 100
 131 11.7 5.3 16.1
 85 64.5 32.5 97.5



#72
 1,2,3-Trichloropropane
 Concen: 23.70 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

Tgt Ion: 75 Resp: 70560
 Ion Ratio Lower Upper
 75 100
 77 31.9 0.0 85.8





#73

Bromobenzene

Concen: 18.72 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

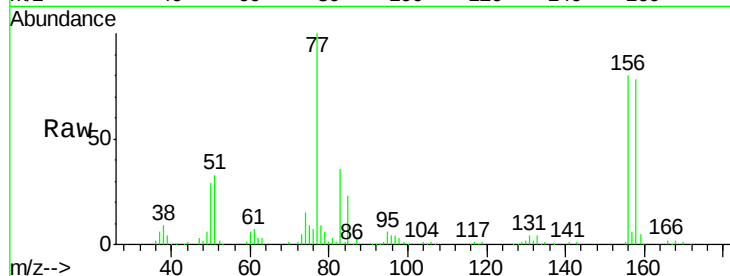
Tgt Ion:156 Resp: 61723

Ion Ratio Lower Upper

156 100

77 131.4 0.0 280.2

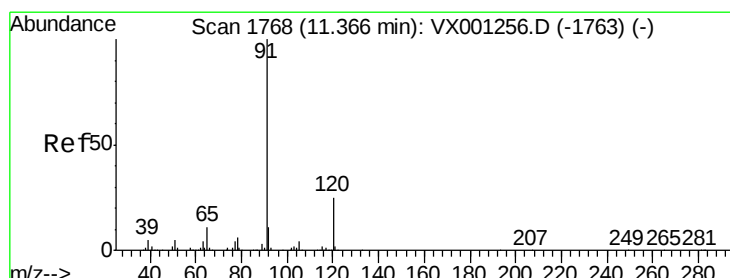
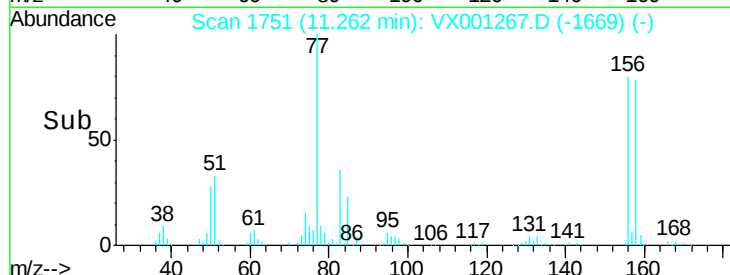
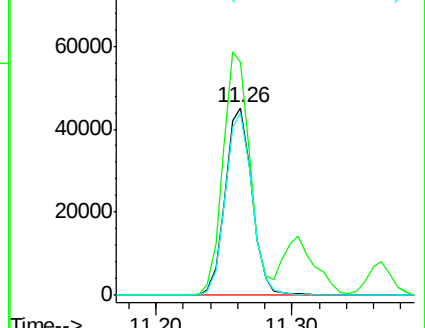
158 97.2 0.0 197.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.77 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001267.D

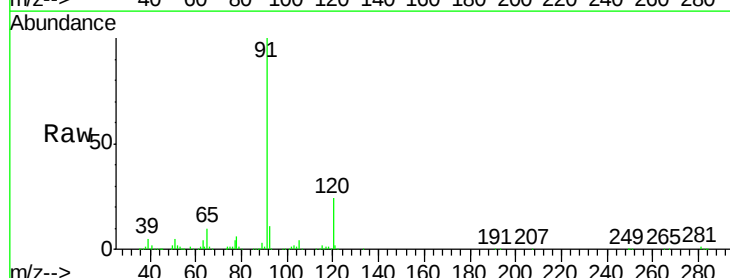
Acq: 30 Apr 2018 21:46

Tgt Ion: 91 Resp: 240423

Ion Ratio Lower Upper

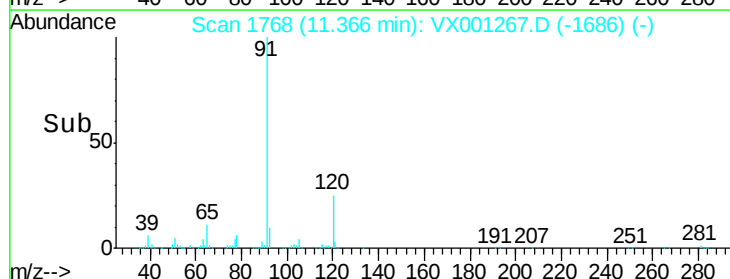
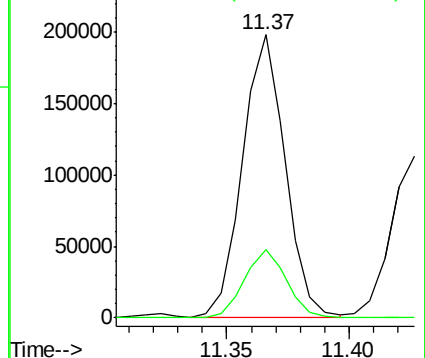
91 100

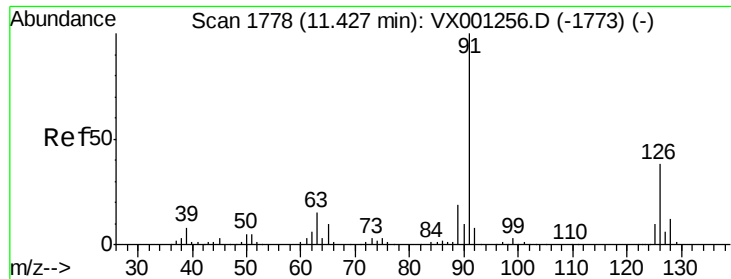
120 24.0 0.0 47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.85 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

ClientSampleId :

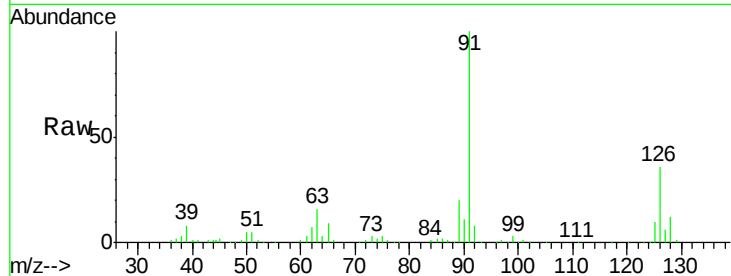
VSTDCCC020EC

Tgt Ion: 91 Resp: 145739

Ion Ratio Lower Upper

91 100

126 36.7 0.0 71.4



Abundance Ion 91.00 (90.70 to 91.70): VX001256.D (-1773) (-)

Ion 126.00 (125.70 to 126.70): VX001256.D (-1773) (-)

200000

150000

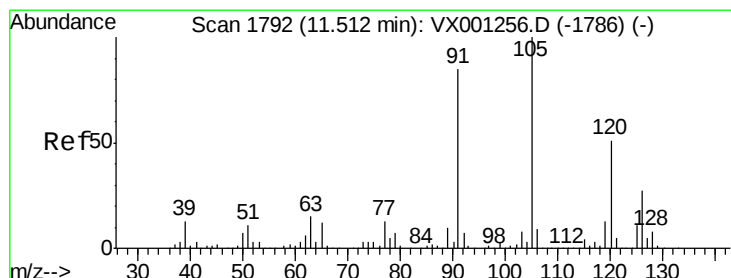
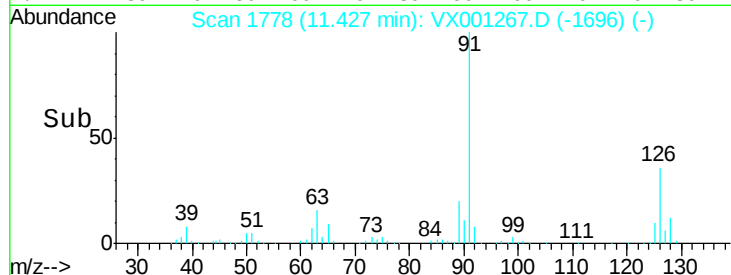
100000

50000

0

11.40 11.43 11.50

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 18.71 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001267.D

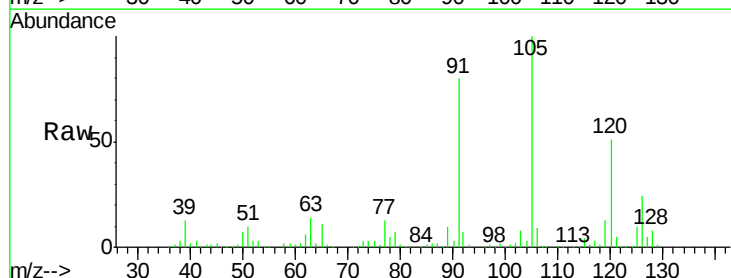
Acq: 30 Apr 2018 21:46

Tgt Ion: 105 Resp: 180850

Ion Ratio Lower Upper

105 100

120 50.0 0.0 63.8



Abundance Ion 105.00 (104.70 to 105.70): VX001256.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX001256.D (-1786) (-)

150000

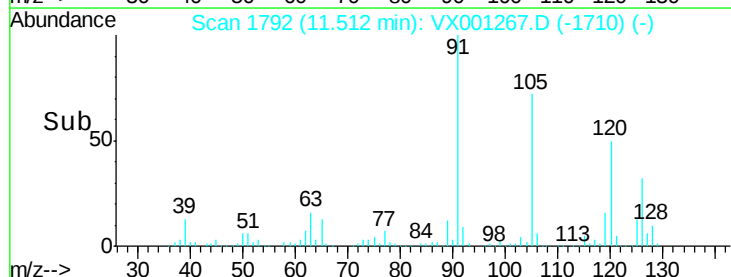
100000

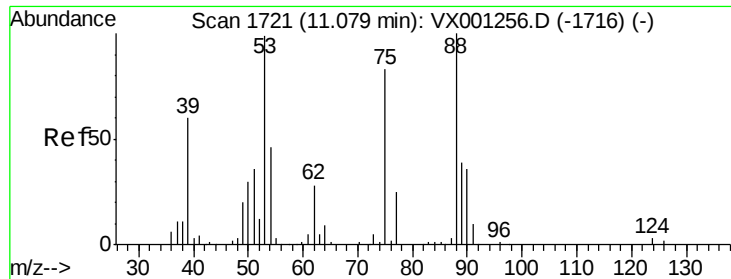
50000

0

11.45 11.51 11.55 11.60

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 16.08 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

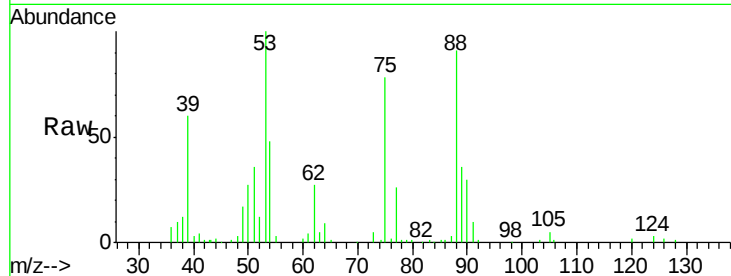
Tgt Ion: 75 Resp: 14248

Ion Ratio Lower Upper

75 100

53 127.6 47.8 143.3

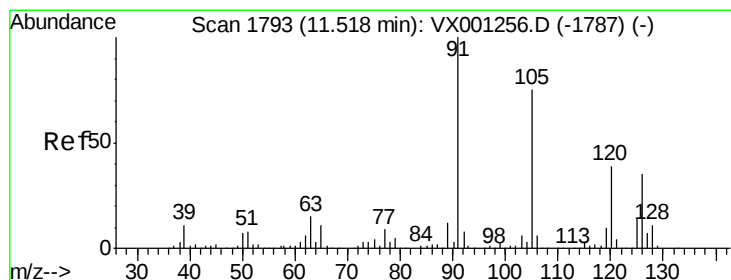
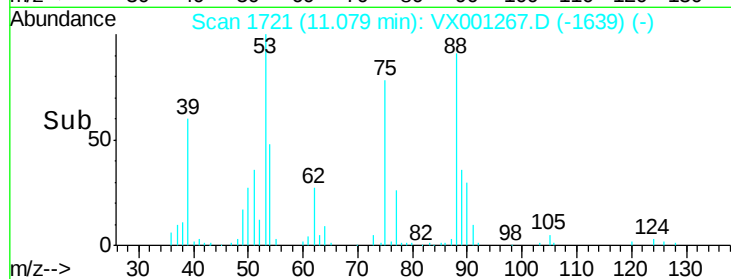
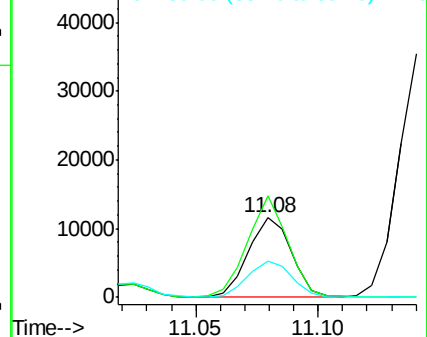
89 45.6 22.3 66.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 18.37 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001267.D

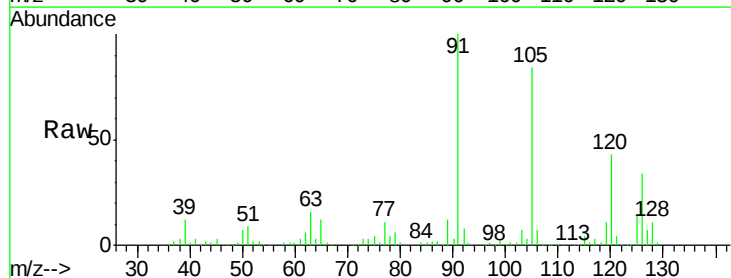
Acq: 30 Apr 2018 21:46

Tgt Ion: 91 Resp: 169449

Ion Ratio Lower Upper

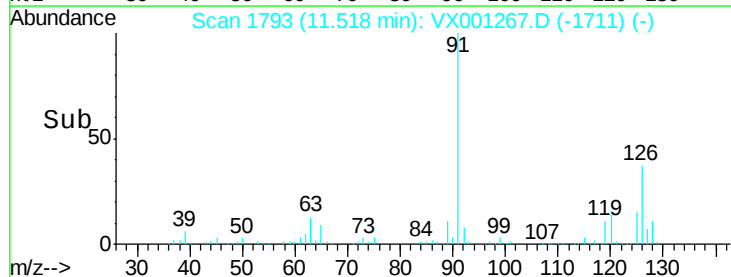
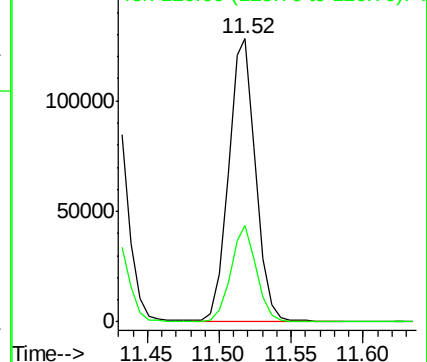
91 100

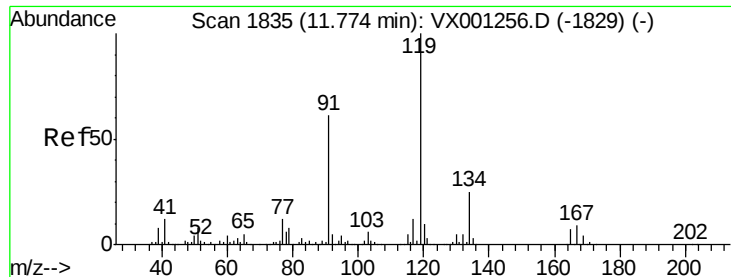
126 32.2 0.0 63.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

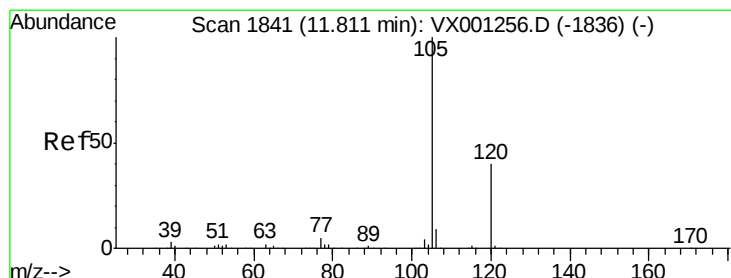
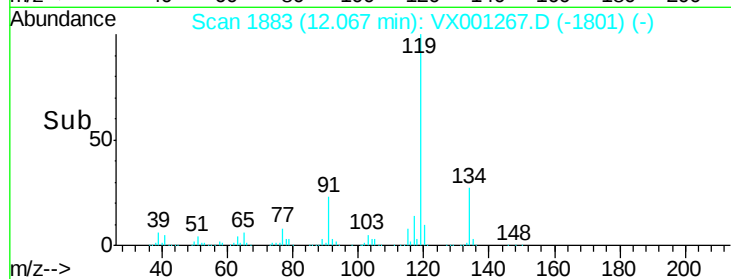
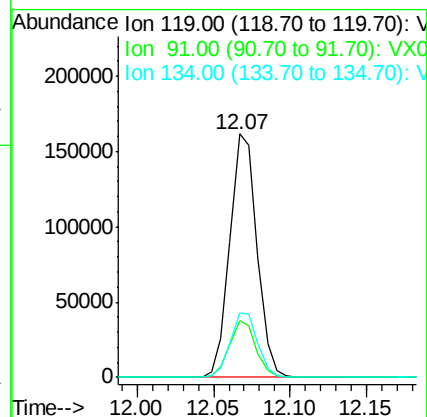
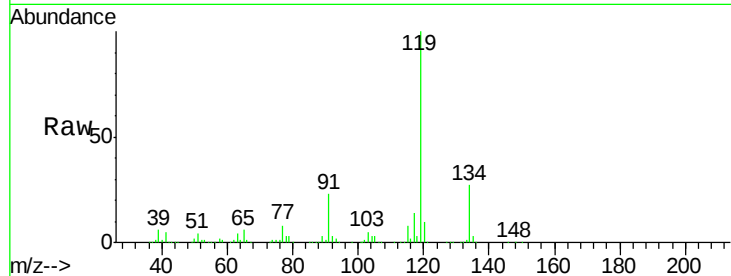




#79
tert-butylbenzene
Concen: 19.26 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

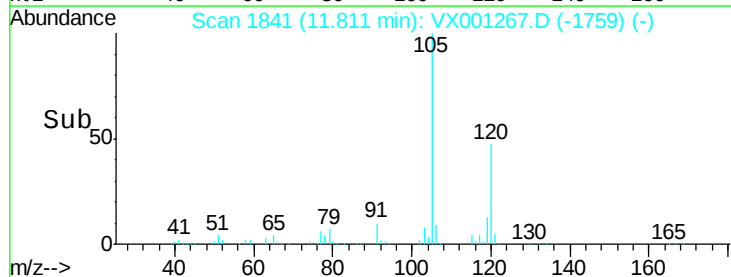
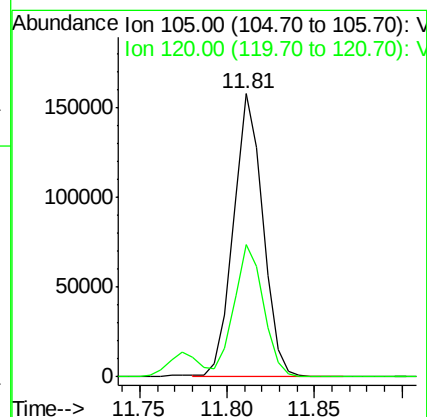
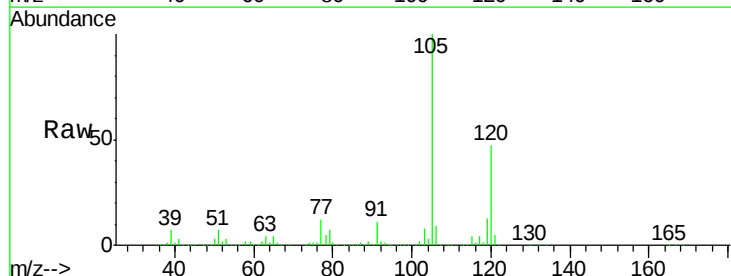
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

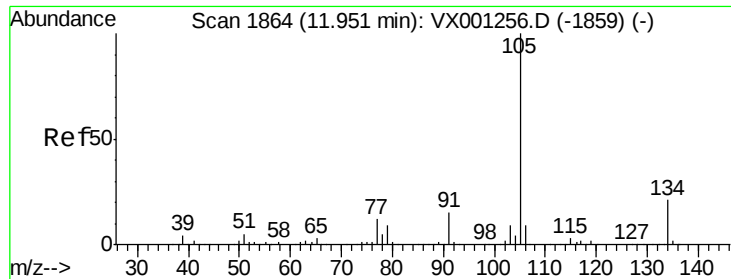
Tgt Ion:119 Resp: 199222
Ion Ratio Lower Upper
119 100
91 22.8 0.0 51.6
134 26.9 0.0 60.2



#80
1,2,4-Trimethylbenzene
Concen: 18.79 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion:105 Resp: 184849
Ion Ratio Lower Upper
105 100
120 46.3 0.0 93.0

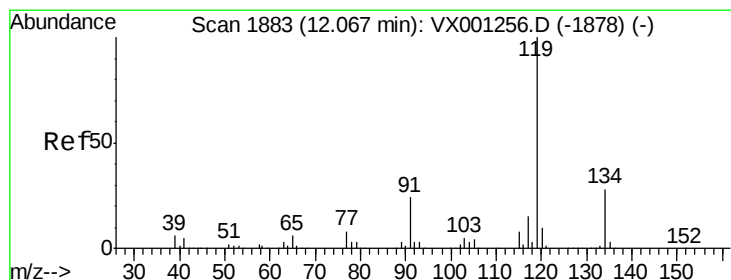
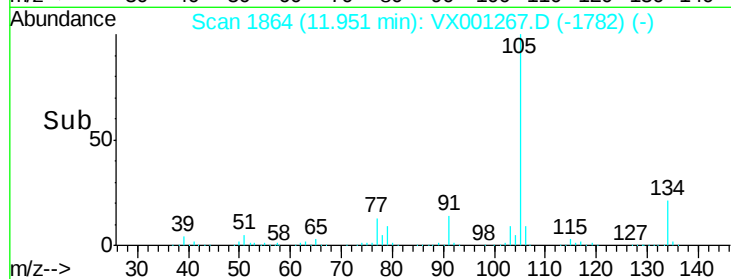
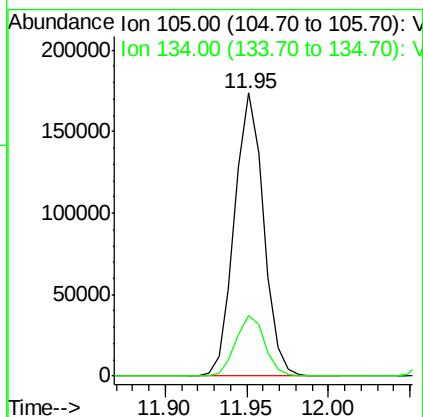
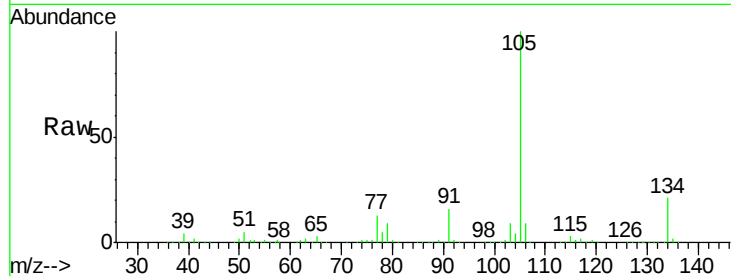




#81
 sec-Butylbenzene
 Concen: 19.19 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

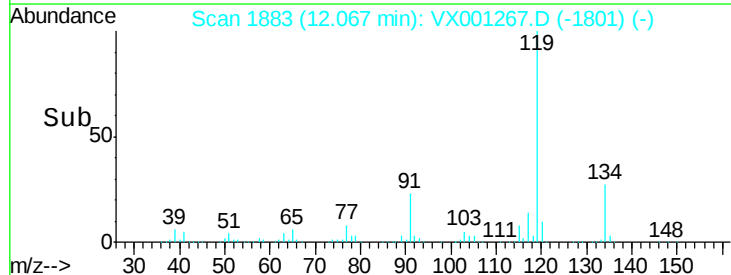
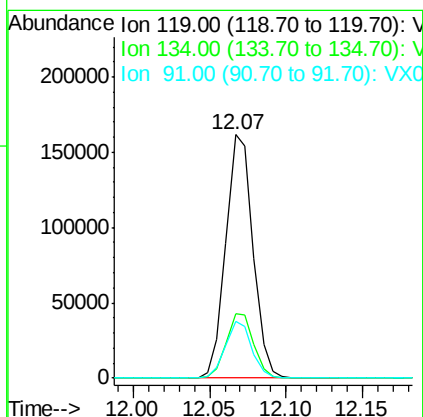
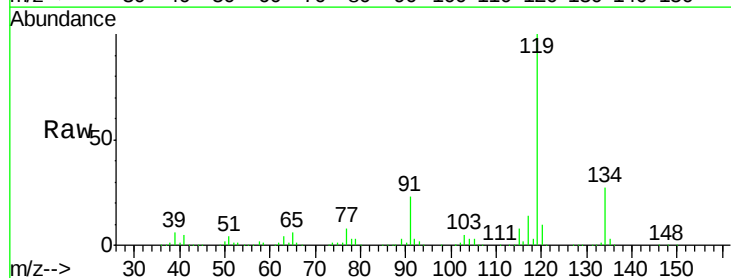
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

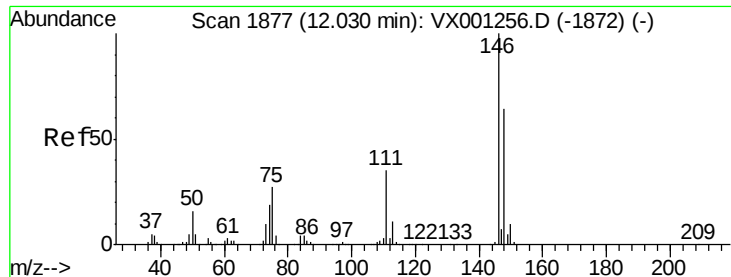
Tgt Ion:105 Resp: 215352
 Ion Ratio Lower Upper
 105 100
 134 21.5 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 19.26 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

Tgt Ion:119 Resp: 199222
 Ion Ratio Lower Upper
 119 100
 134 26.9 0.0 54.4
 91 22.8 0.0 46.6

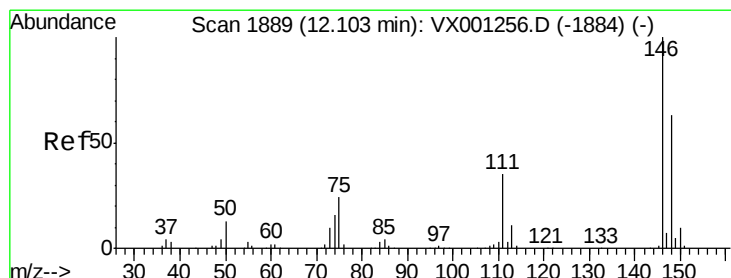
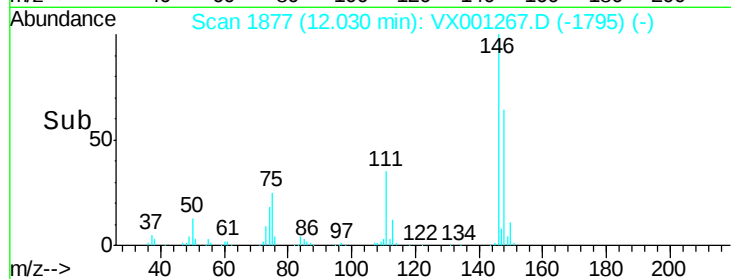
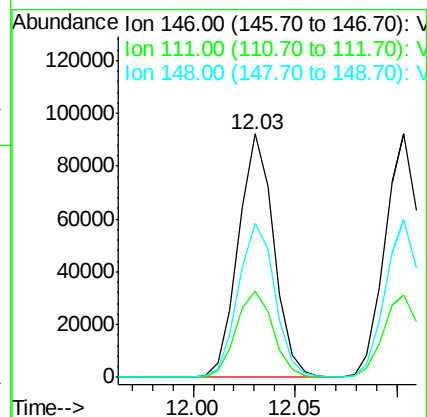
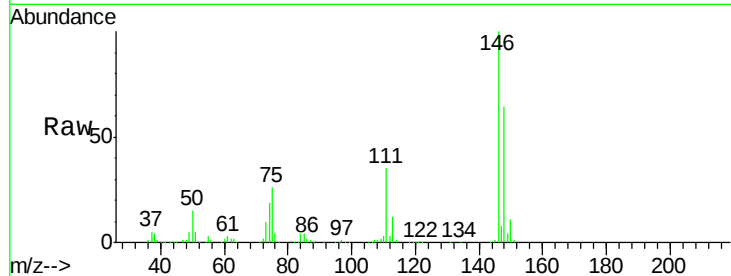




#83
 1,3-Dichlorobenzene
 Concen: 18.49 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

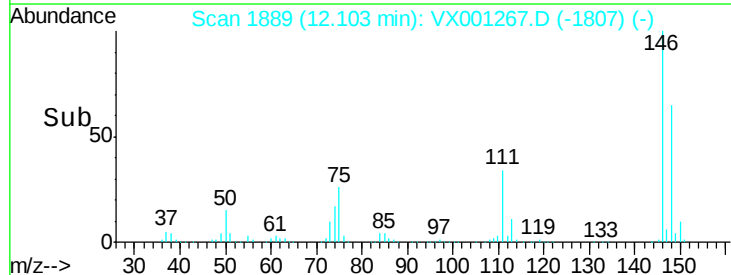
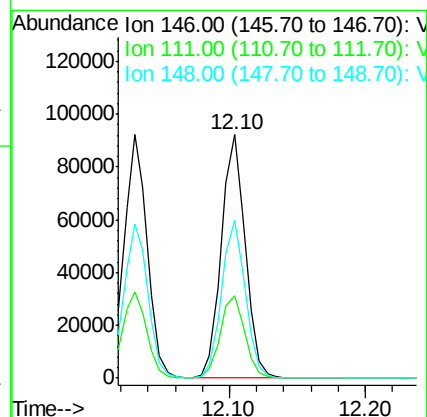
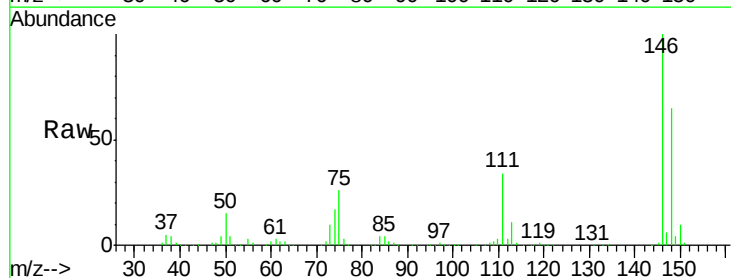
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

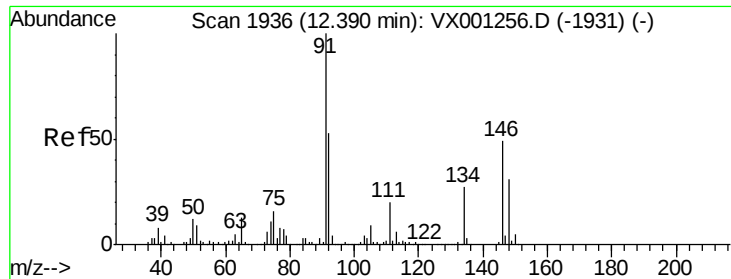
Tgt Ion:146 Resp: 111130
 Ion Ratio Lower Upper
 146 100
 111 36.8 19.4 58.2
 148 65.6 32.6 97.7



#84
 1,4-Dichlorobenzene
 Concen: 18.38 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

Tgt Ion:146 Resp: 112620
 Ion Ratio Lower Upper
 146 100
 111 34.9 18.4 55.0
 148 64.6 31.9 95.7

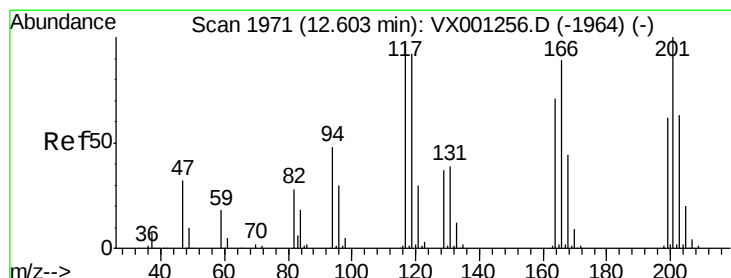
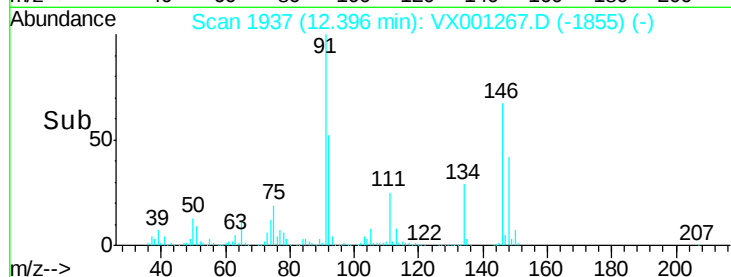
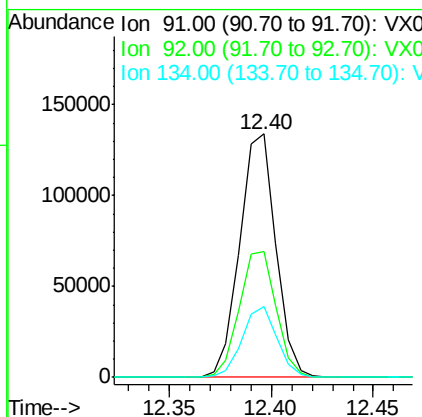
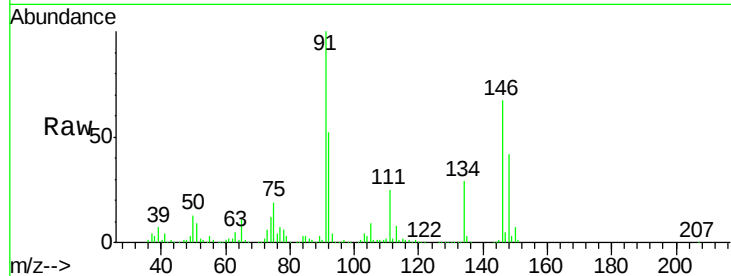




#85
n-Butylbenzene
Concen: 18.41 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

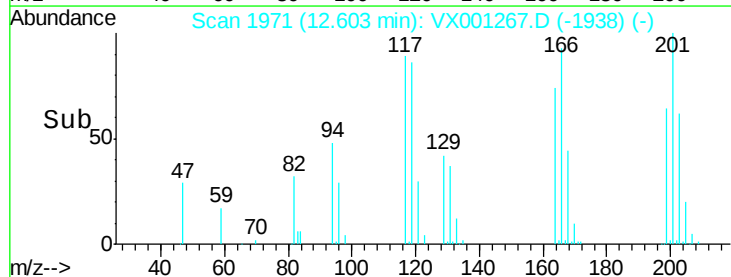
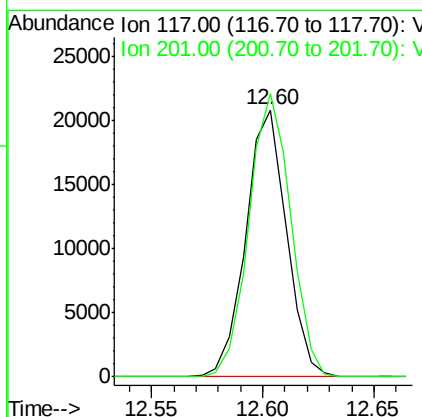
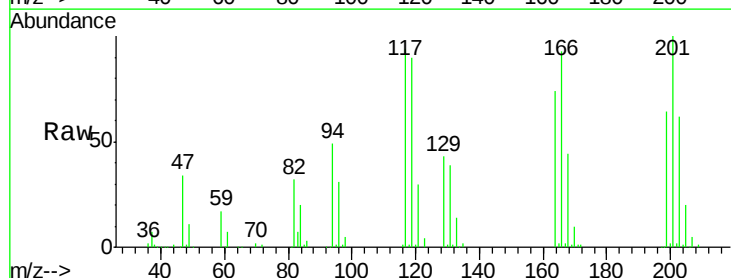
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

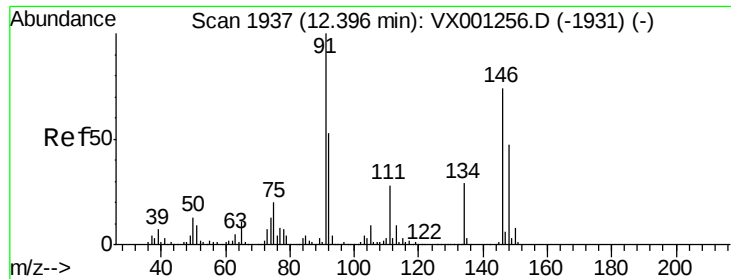
Tgt Ion: 91 Resp: 164628
Ion Ratio Lower Upper
91 100
92 52.8 0.0 102.0
134 28.1 0.0 54.2



#86
Hexachloroethane
Concen: 16.83 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001267.D
Acq: 30 Apr 2018 21:46

Tgt Ion: 117 Resp: 26602
Ion Ratio Lower Upper
117 100
201 108.7 38.9 116.6

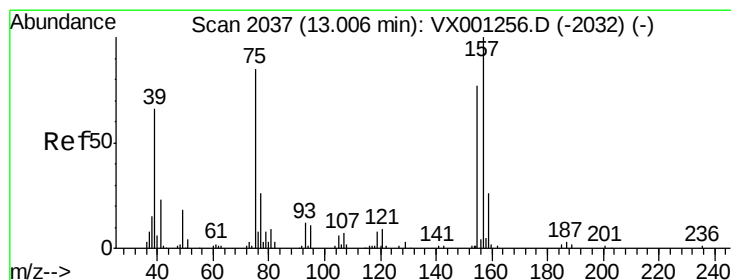
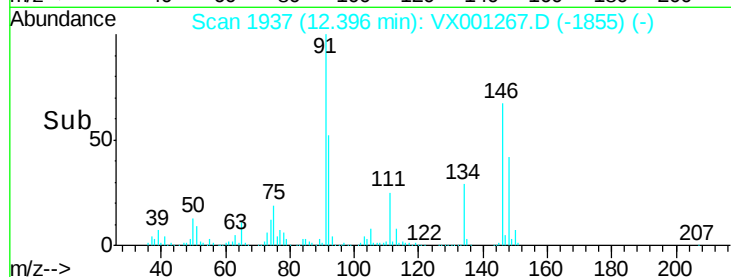
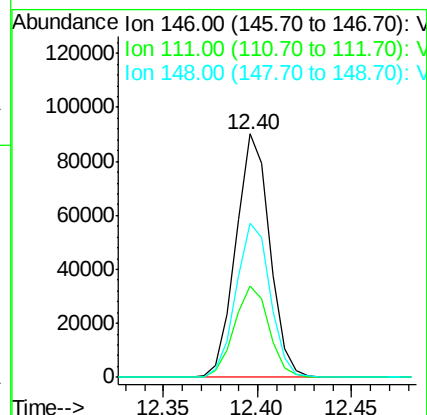
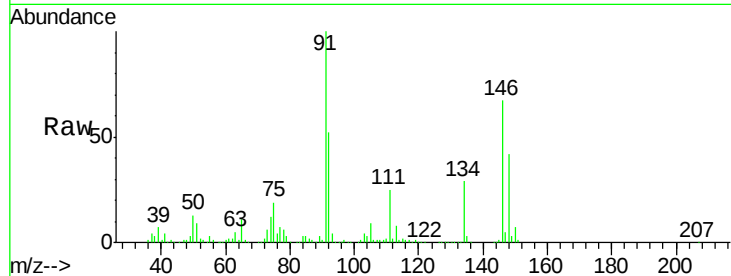




#87
 1,2-Dichlorobenzene
 Concen: 18.86 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

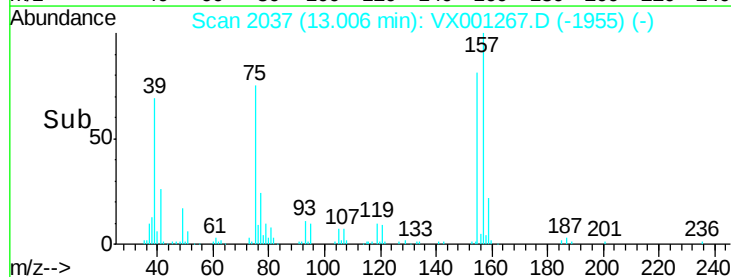
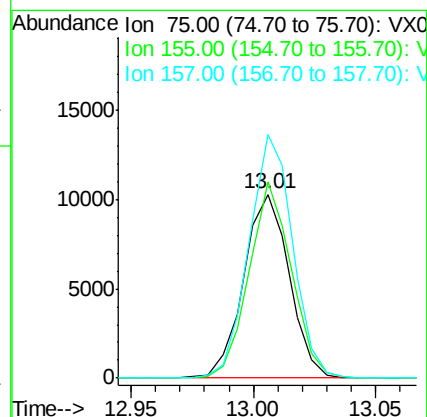
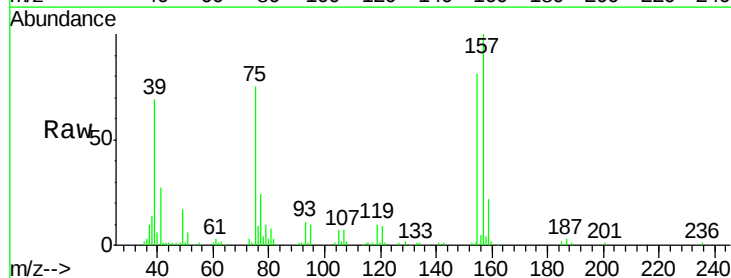
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

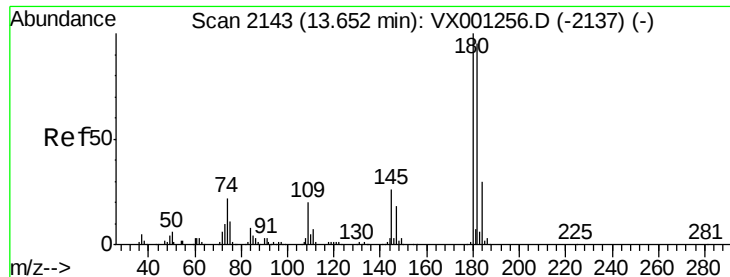
Tgt Ion:146 Resp: 112714
 Ion Ratio Lower Upper
 146 100
 111 38.4 20.0 60.0
 148 63.7 31.6 95.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.19 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001267.D
 Acq: 30 Apr 2018 21:46

Tgt Ion: 75 Resp: 13340
 Ion Ratio Lower Upper
 75 100
 155 99.7 75.1 112.7
 157 127.5 99.0 148.4





#89

1,2,4-Trichlorobenzene

Concen: 19.16 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

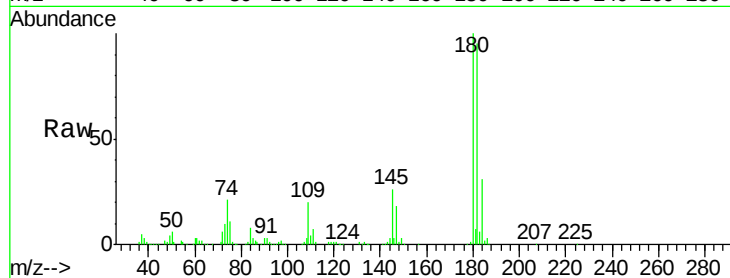
Tgt Ion:180 Resp: 86774

Ion Ratio Lower Upper

180 100

182 96.5 76.3 114.5

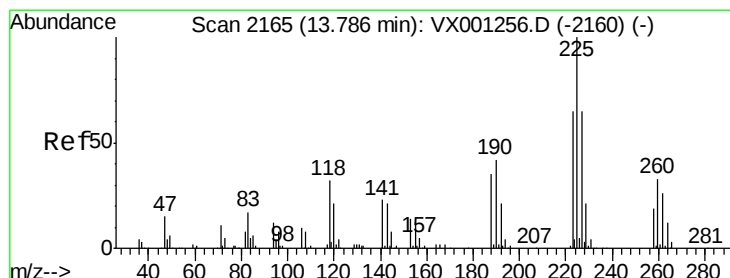
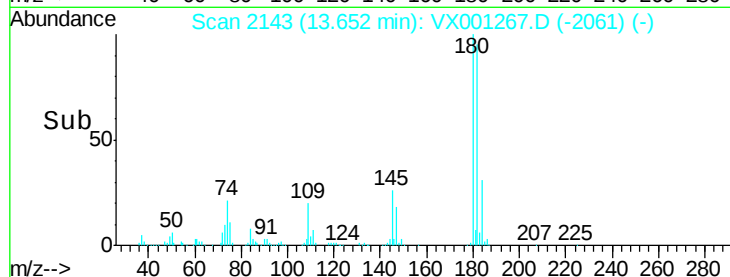
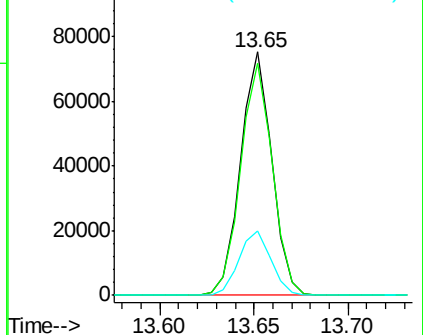
145 27.2 24.6 37.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90

Hexachlorobutadiene

Concen: 21.90 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX001267.D

Acq: 30 Apr 2018 21:46

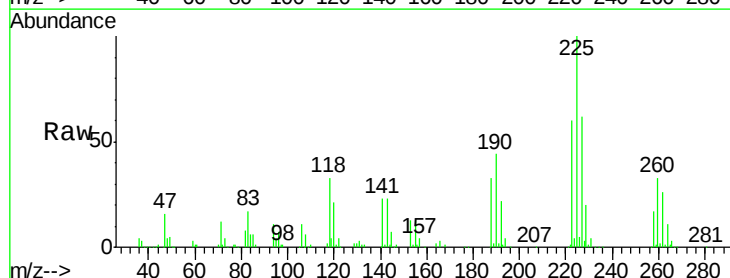
Tgt Ion:225 Resp: 46048

Ion Ratio Lower Upper

225 100

223 60.2 0.0 131.2

227 63.2 0.0 127.6



Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V

