

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071318\
 Data File : VX003363.D
 Acq On : 13 Jul 2018 12:52
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 14 01:16:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 13 17:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	266527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	387897	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	368091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	230494	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	154374	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
35) Dibromofluoromethane	5.51	113	138164	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
50) Toluene-d8	8.72	98	485363	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
62) 4-Bromofluorobenzene	11.14	95	202172	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	112417	53.268	ug/l	100
3) Chloromethane	1.32	50	142749	55.353	ug/l	99
4) Vinyl Chloride	1.40	62	169920	49.377	ug/l	100
5) Bromomethane	1.64	94	71680	36.818	ug/l	97
6) Chloroethane	1.71	64	111119	57.875	ug/l	99
7) Trichlorofluoromethane	1.92	101	246455	49.708	ug/l	98
8) Diethyl Ether	2.19	74	109222	49.746	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	158366	49.698	ug/l	96
10) Methyl Iodide	2.51	142	170369	52.643	ug/l	94
11) Tert butyl alcohol	3.08	59	211384	273.508	ug/l	100
12) 1,1-Dichloroethene	2.37	96	144005	48.667	ug/l	91
13) Acrolein	2.29	56	70406	270.674	ug/l	99
14) Allyl chloride	2.73	41	285634	50.327	ug/l	88
15) Acrylonitrile	3.15	53	488738	253.288	ug/l	98
16) Acetone	2.45	43	383132	256.081	ug/l #	88
17) Carbon Disulfide	2.57	76	348889	48.019	ug/l	98
18) Methyl Acetate	2.78	43	245238	52.790	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	536363	50.691	ug/l	100
20) Methylene Chloride	2.85	84	171147	53.841	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	154485	48.925	ug/l	97
22) Diisopropyl ether	3.87	45	512853	48.542	ug/l	97
23) Vinyl Acetate	3.83	43	2129009	246.611	ug/l	96
24) 1,1-Dichloroethane	3.70	63	290129	48.436	ug/l	100
25) 2-Butanone	4.71	43	574021	247.533	ug/l	95
26) 2,2-Dichloropropane	4.59	77	203391	47.974	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	165494	47.680	ug/l	98
28) Bromochloromethane	5.02	49	137820	50.501	ug/l	91
29) Tetrahydrofuran	5.17	42	369168	249.203	ug/l	93
30) Chloroform	5.22	83	279917	48.754	ug/l	98
31) Cyclohexane	5.57	56	224746	49.027	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	238597	49.884	ug/l	98
36) 1,1-Dichloropropene	5.80	75	199566	48.428	ug/l	98
37) Ethyl Acetate	4.87	43	219886	48.692	ug/l	97
38) Carbon Tetrachloride	5.79	117	208580	49.652	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071318\
 Data File : VX003363.D
 Acq On : 13 Jul 2018 12:52
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 14 01:16:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 13 17:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227979	48.871	ug/l	95
40) Benzene	6.15	78	620040	48.041	ug/l	99
41) Methacrylonitrile	5.07	41	125548	48.530	ug/l	94
42) 1,2-Dichloroethane	6.20	62	218785	48.528	ug/l	97
43) Isopropyl Acetate	6.47	43	352172	49.766	ug/l	95
44) Trichloroethene	7.21	130	172834	47.258	ug/l	98
45) 1,2-Dichloropropane	7.52	63	164777	48.128	ug/l	99
46) Dibromomethane	7.67	93	107968	49.048	ug/l	99
47) Bromodichloromethane	7.90	83	207535	50.005	ug/l	100
48) Methyl methacrylate	7.78	41	181547	50.263	ug/l	88
49) 1,4-Dioxane	7.76	88	81538	1034.489	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1195176	258.367	ug/l	93
52) Toluene	8.79	92	398713	48.751	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	251733	51.639	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	232903	52.301	ug/l	92
55) 1,1,2-Trichloroethane	9.22	97	170865	50.053	ug/l	98
56) Ethyl methacrylate	9.18	69	255707	52.441	ug/l #	86
57) 1,3-Dichloropropane	9.37	76	272678	49.283	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	638199	269.342	ug/l	99
59) 2-Hexanone	9.50	43	893318	261.820	ug/l	91
60) Dibromochloromethane	9.59	129	170242	51.375	ug/l	99
61) 1,2-Dibromoethane	9.68	107	172135	50.008	ug/l	100
64) Tetrachloroethene	9.34	164	188999	47.412	ug/l	97
65) Chlorobenzene	10.14	112	456153	48.261	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	170855	51.122	ug/l	99
67) Ethyl Benzene	10.26	91	776249	50.466	ug/l	99
68) m/p-Xylenes	10.36	106	598102	100.939	ug/l	98
69) o-Xylene	10.70	106	301044	52.018	ug/l	98
70) Styrene	10.71	104	515317	52.984	ug/l	97
71) Bromoform	10.86	173	137492	53.737	ug/l #	98
73) Isopropylbenzene	11.02	105	803718	50.429	ug/l	100
74) N-amyl acetate	6.47	43	352172	47.670	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	258588	49.700	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	297250	65.277	ug/l	80
77) Bromobenzene	11.26	156	223525	49.635	ug/l	98
78) n-propylbenzene	11.37	91	922698	51.220	ug/l	99
79) 2-Chlorotoluene	11.43	91	546472	49.111	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	681886	51.626	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	74064	54.227	ug/l	92
82) 4-Chlorotoluene	11.51	91	653595	50.418	ug/l	99
83) tert-Butylbenzene	11.77	119	659164	50.407	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	682679	50.952	ug/l	97
85) sec-Butylbenzene	11.95	105	786124	50.298	ug/l	100
86) p-Isopropyltoluene	12.07	119	702850	50.266	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	398093	47.347	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	407774	47.766	ug/l	99
89) n-Butylbenzene	12.39	91	590151	49.323	ug/l	100
90) Hexachloroethane	12.60	117	103835	49.540	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	396097	47.074	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52429	50.818	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX071318\
Data File : VX003363.D
Acq On : 13 Jul 2018 12:52
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Jul 14 01:16:58 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 13 17:01:02 2018
Response via : Initial Calibration

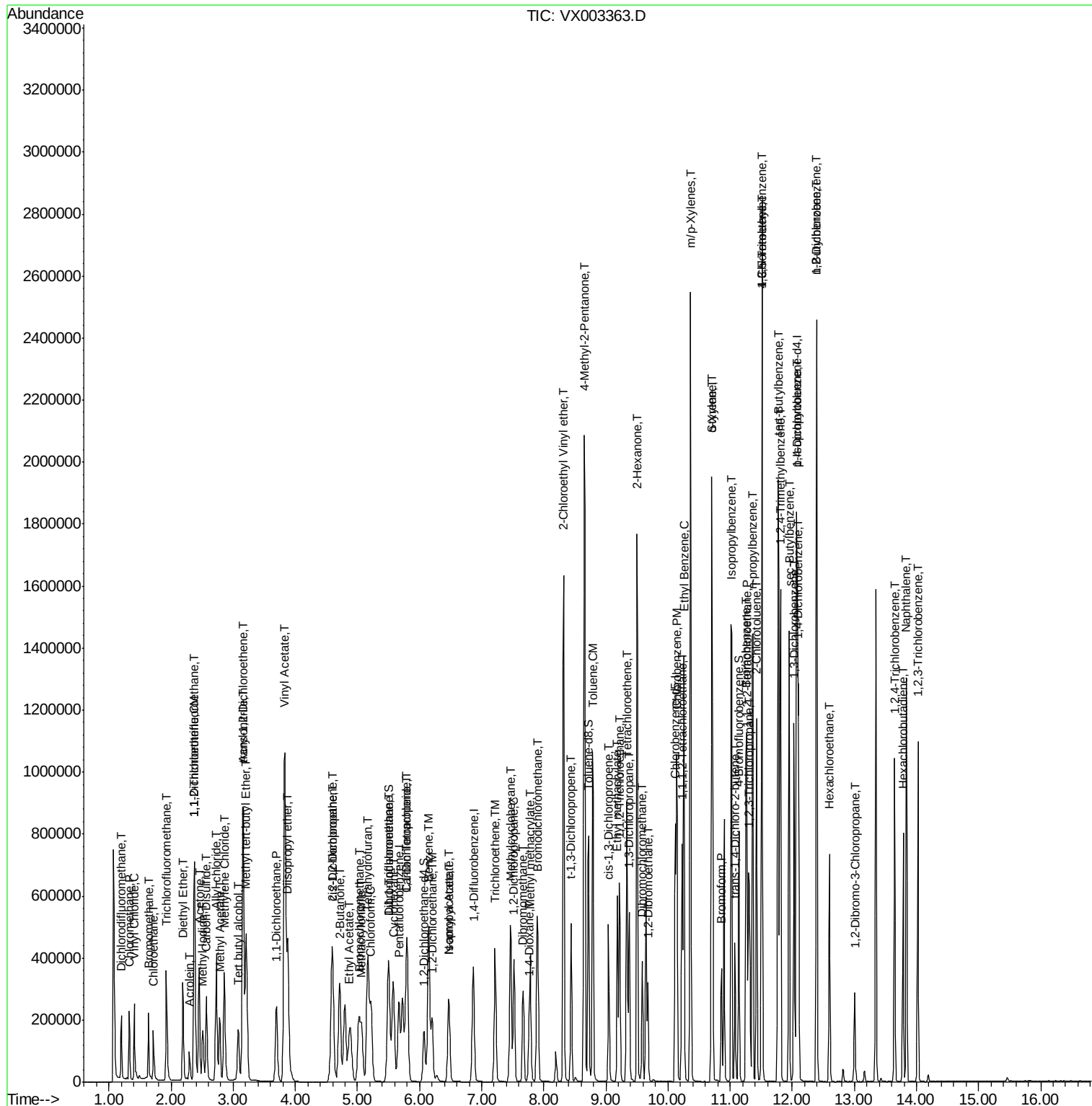
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	275759	47.905	ug/l	100
94) Hexachlorobutadiene	13.79	225	127562	46.963	ug/l	99
95) Naphthalene	13.83	128	830559	51.478	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	281429	48.442	ug/l	99

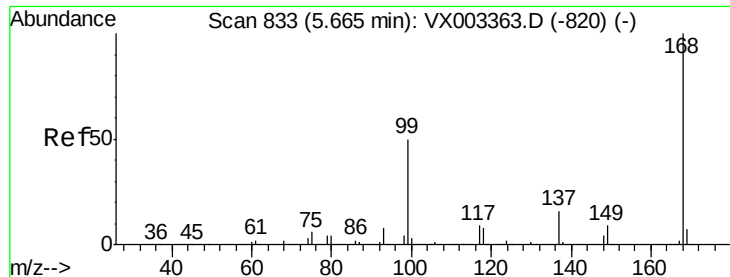
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX071318\
Data File : VX003363.D
Acq On    : 13 Jul 2018   12:52
Operator  : JC/MD
Sample    : VSTDICCC050
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 5   Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Jul 14 01:16:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 13 17:01:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003363.D

Acq: 13 Jul 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

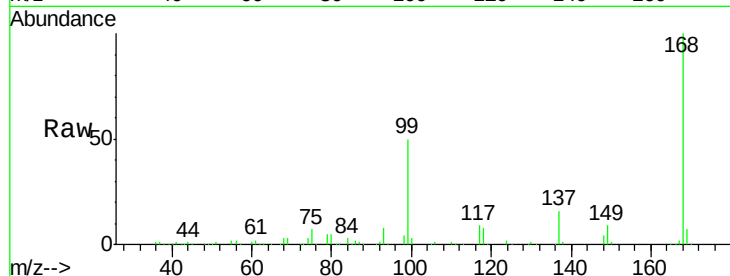
VSTDICCC050

Tgt Ion:168 Resp: 266527

Ion Ratio Lower Upper

168 100

99 49.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

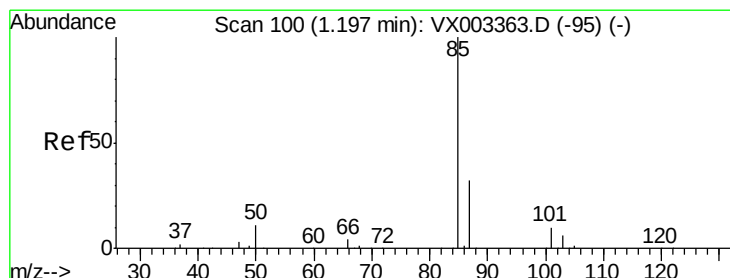
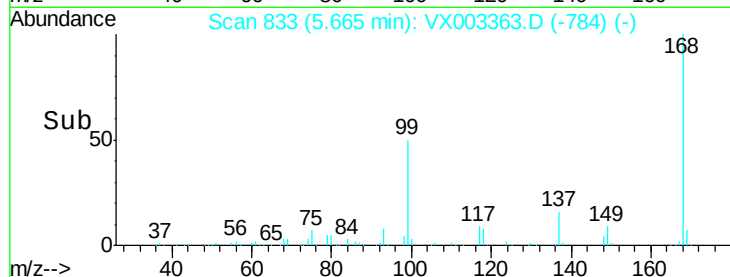
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: 53.268 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003363.D

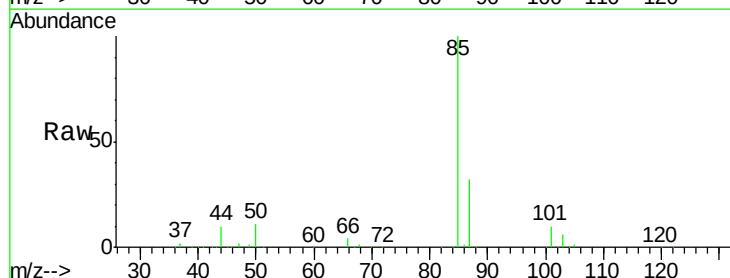
Acq: 13 Jul 2018 12:52

Tgt Ion: 85 Resp: 112417

Ion Ratio Lower Upper

85 100

87 32.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

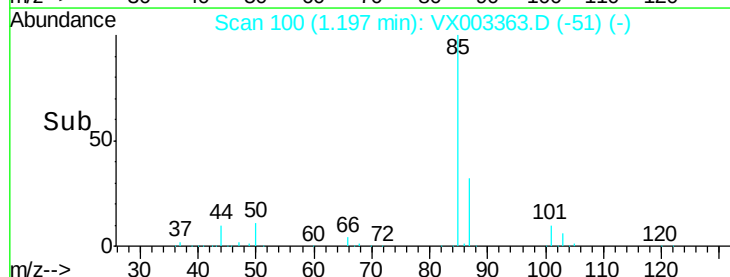
100000

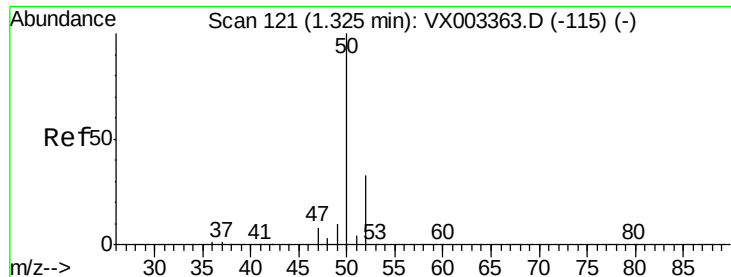
50000

0

Time-->

1.15 1.20 1.25 1.30

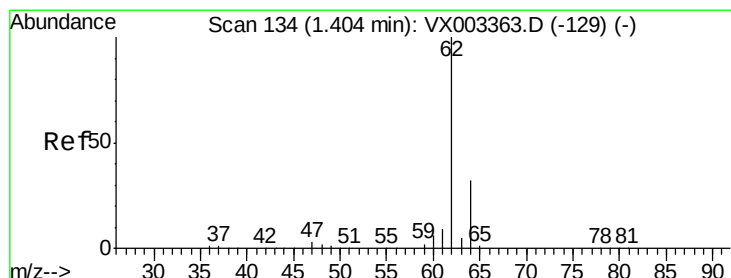
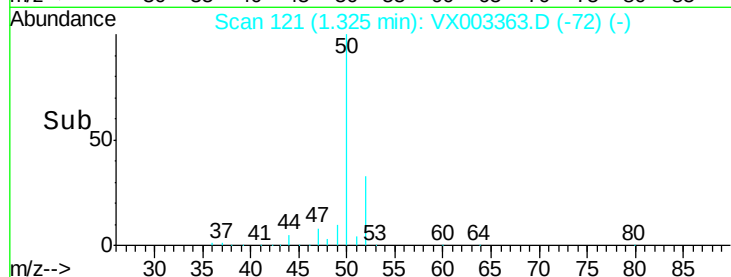
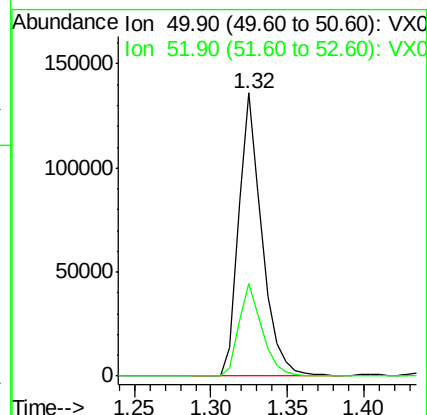
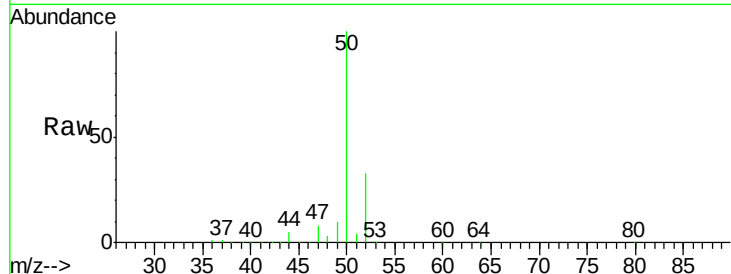




#3
Chloromethane
Concen: 55.353 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

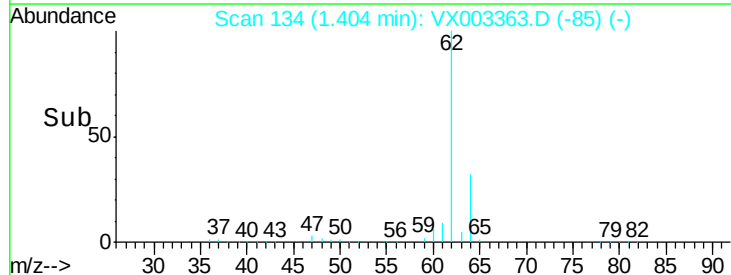
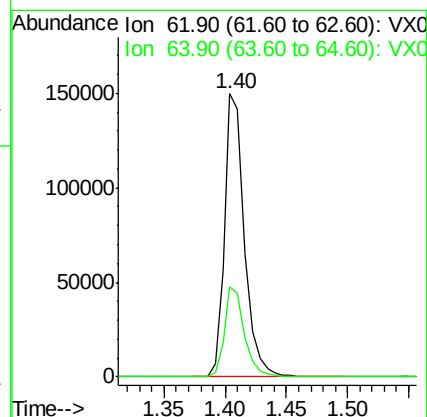
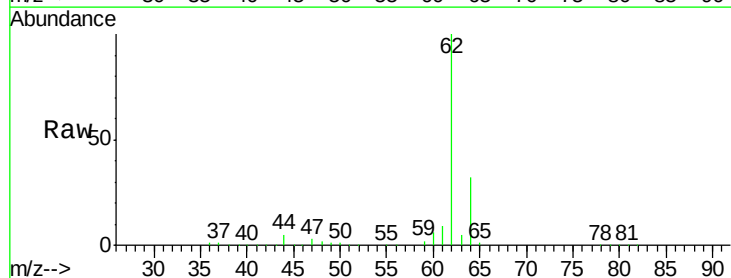
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

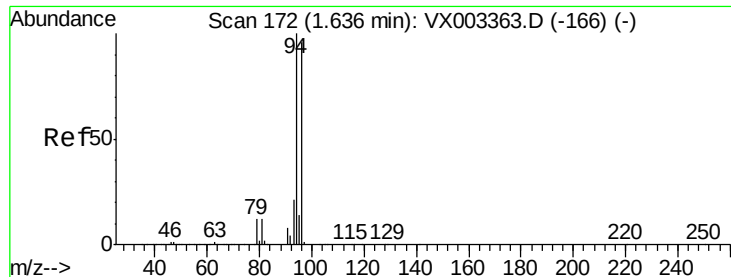
Tgt Ion: 50 Resp: 142749
Ion Ratio Lower Upper
50 100
52 32.9 25.7 38.5



#4
Vinyl Chloride
Concen: 49.377 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

Tgt Ion: 62 Resp: 169920
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.2





#5

Bromomethane

Concen: 36.818 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003363.D

Acq: 13 Jul 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

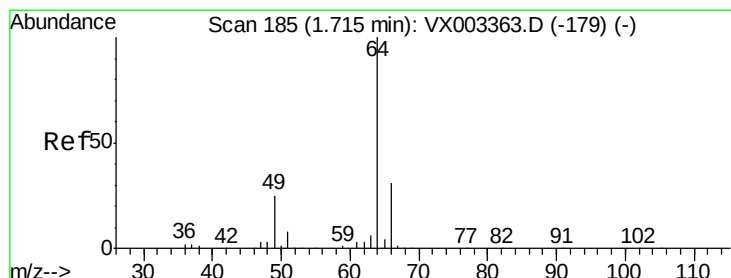
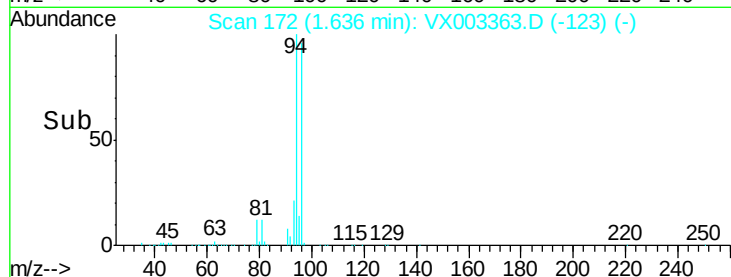
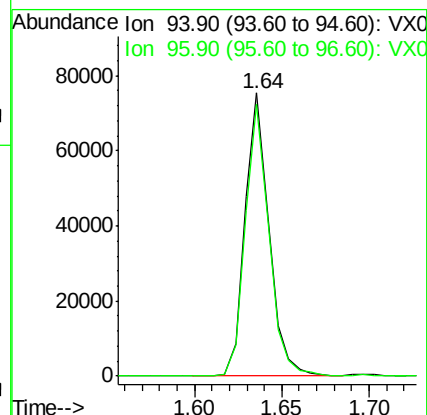
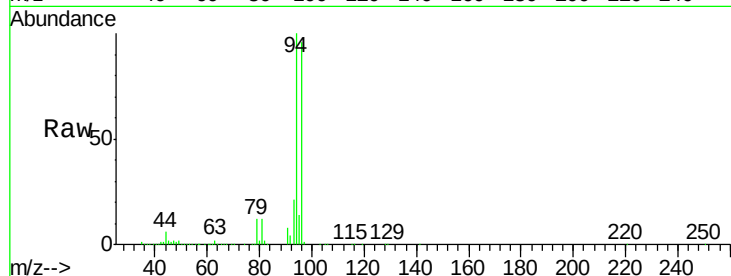
VSTDICCC050

Tgt Ion: 94 Resp: 71680

Ion Ratio Lower Upper

94 100

96 96.2 74.9 112.3



#6

Chloroethane

Concen: 57.875 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003363.D

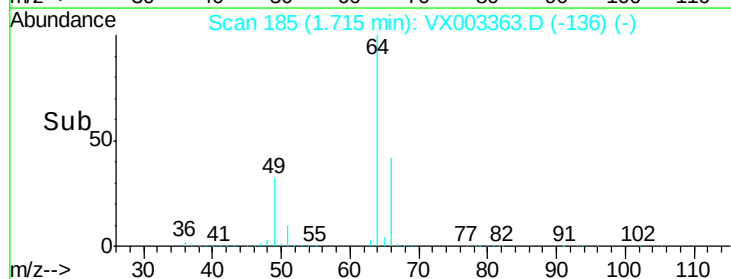
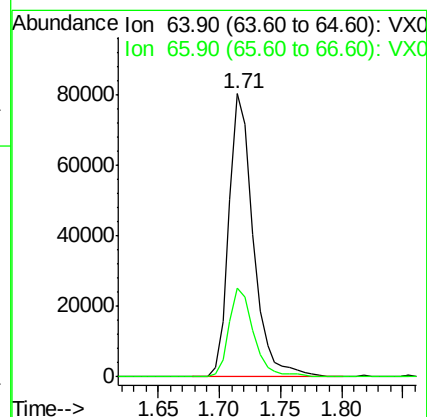
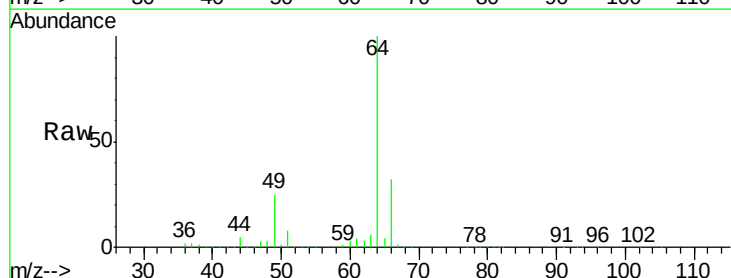
Acq: 13 Jul 2018 12:52

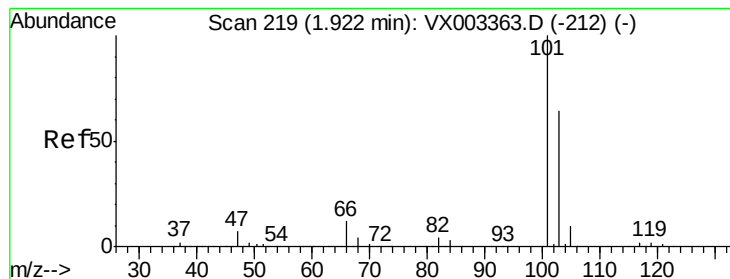
Tgt Ion: 64 Resp: 111119

Ion Ratio Lower Upper

64 100

66 31.4 25.5 38.3



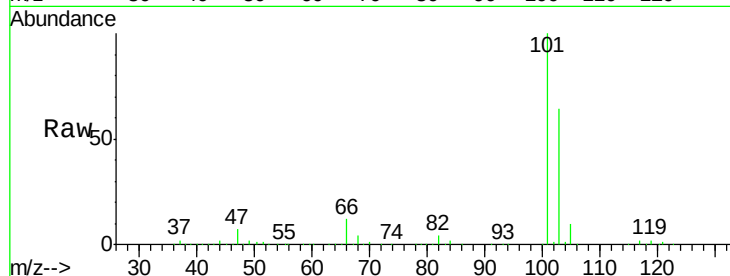


#7

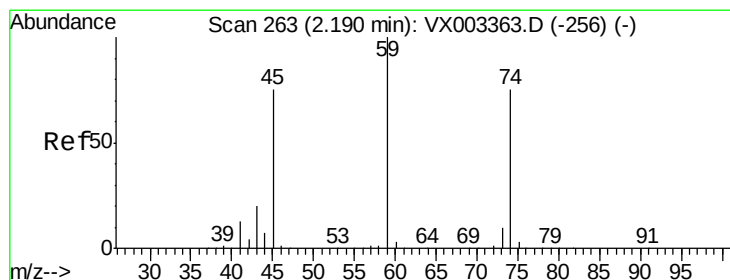
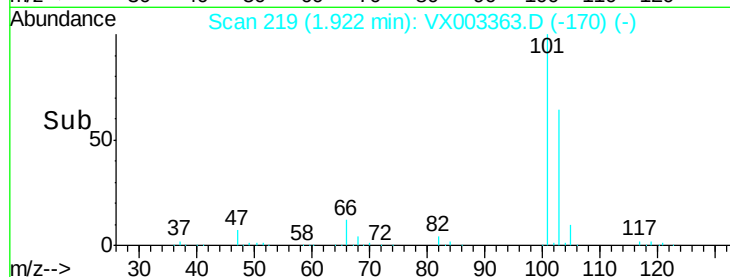
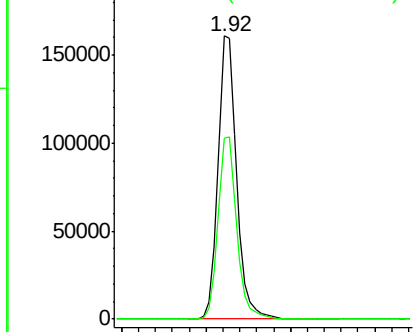
Trichlorofluoromethane
Concen: 49.708 ug/l
RT: 1.92 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 246455
Ion Ratio Lower Upper
101 100
103 64.1 52.8 79.2



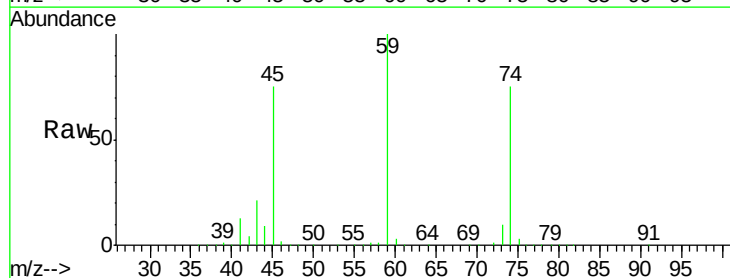
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



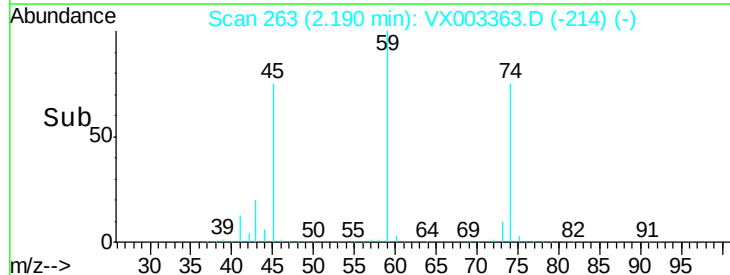
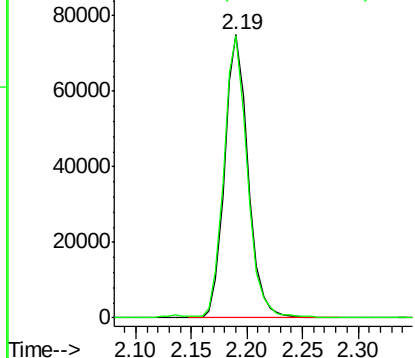
#8

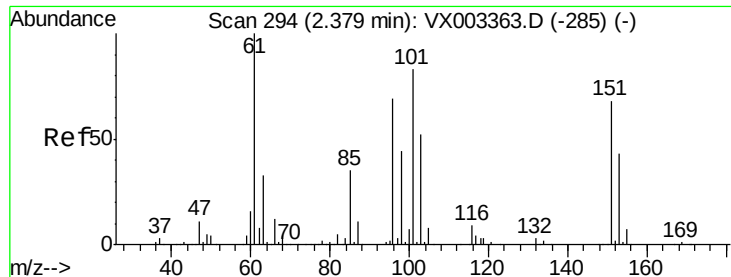
Diethyl Ether
Concen: 49.746 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

Tgt Ion: 74 Resp: 109222
Ion Ratio Lower Upper
74 100
45 99.0 53.1 159.4



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.698 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003363.D

Acq: 13 Jul 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

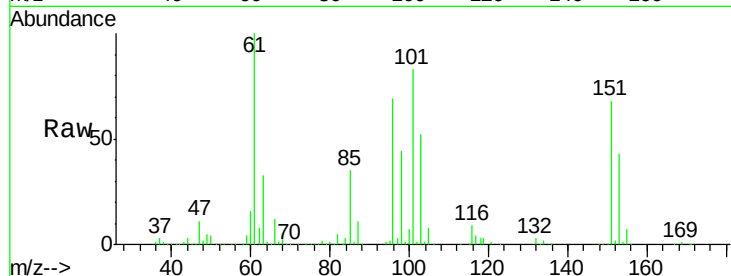
Tgt Ion:101 Resp: 158366

Ion Ratio Lower Upper

101 100

85 42.1 36.0 54.0

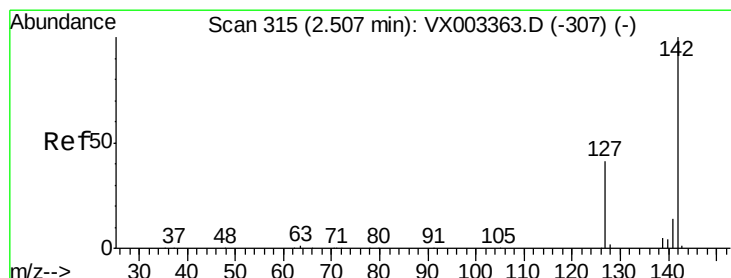
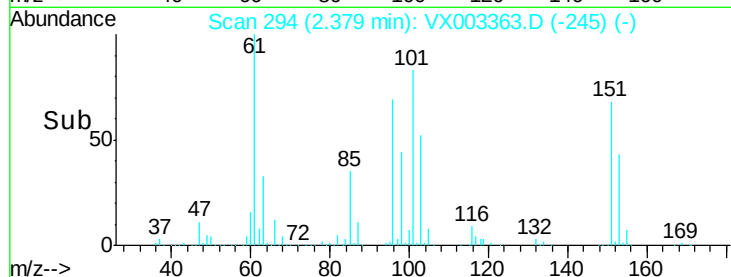
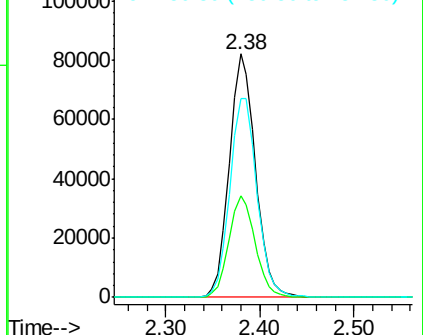
151 85.3 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.643 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003363.D

Acq: 13 Jul 2018 12:52

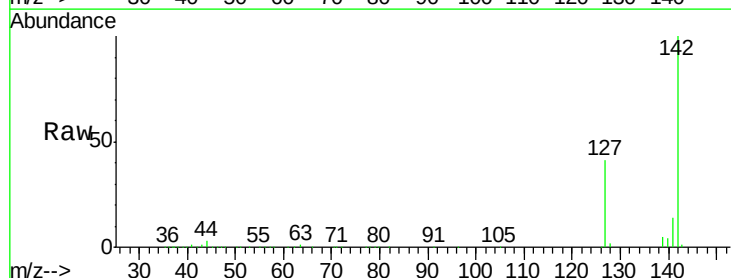
Tgt Ion:142 Resp: 170369

Ion Ratio Lower Upper

142 100

127 40.8 36.6 55.0

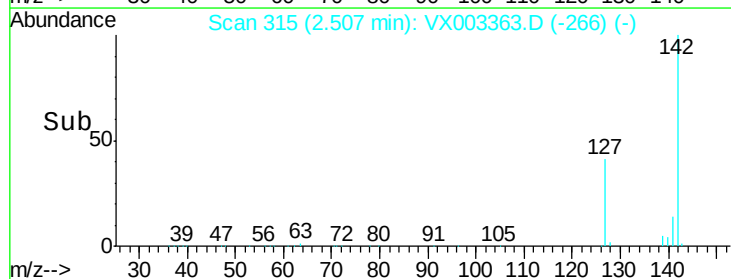
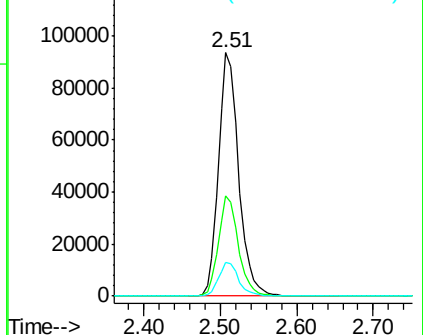
141 13.8 11.3 16.9

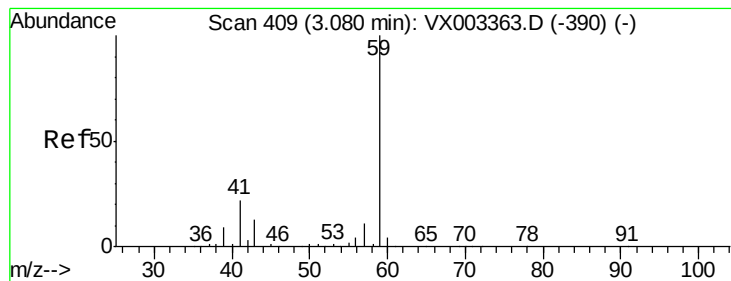


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



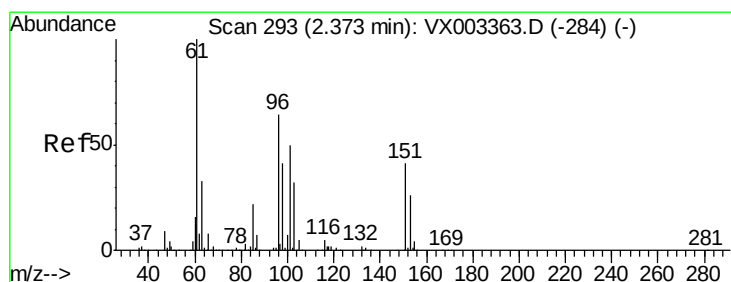
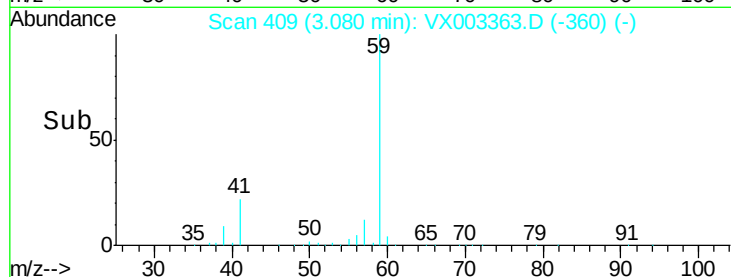
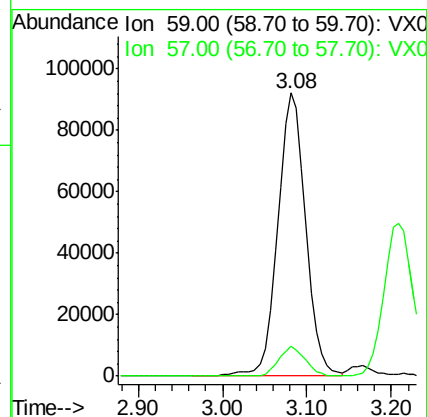
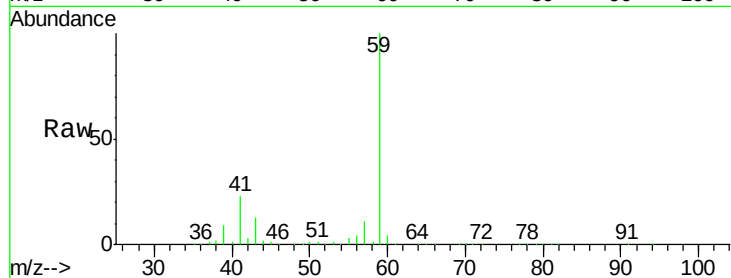


#11

Tert butyl alcohol
 Concen: 273.508 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX003363.D
 Acq: 13 Jul 2018 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

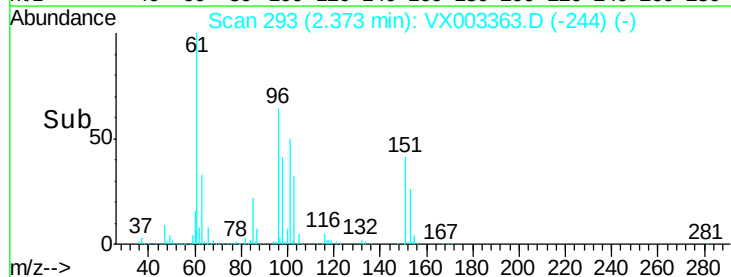
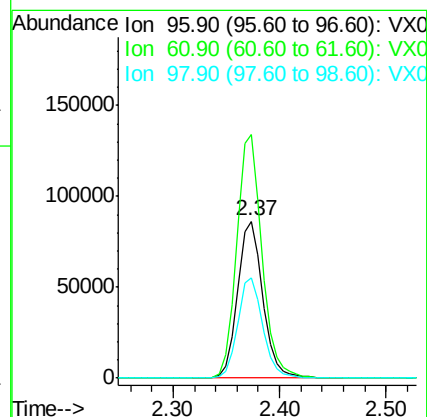
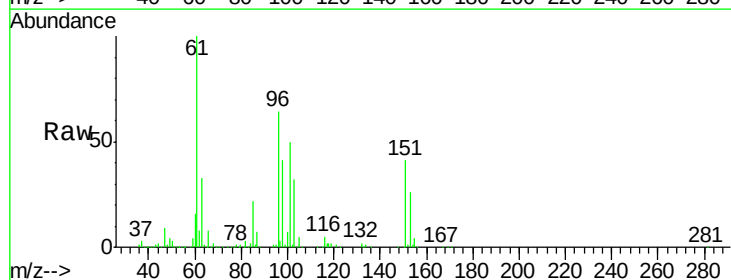
Tgt Ion: 59 Resp: 211384
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.2

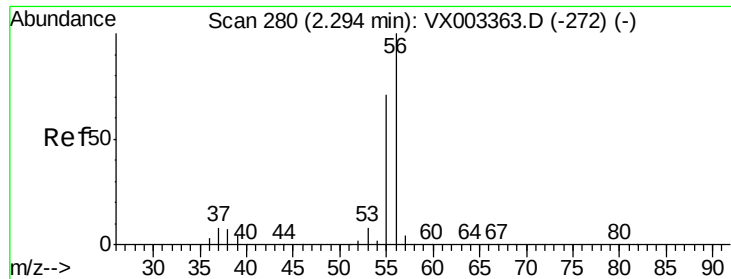


#12

1,1-Dichloroethene
 Concen: 48.667 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX003363.D
 Acq: 13 Jul 2018 12:52

Tgt Ion: 96 Resp: 144005
 Ion Ratio Lower Upper
 96 100
 61 155.3 137.9 206.9
 98 64.0 51.6 77.4

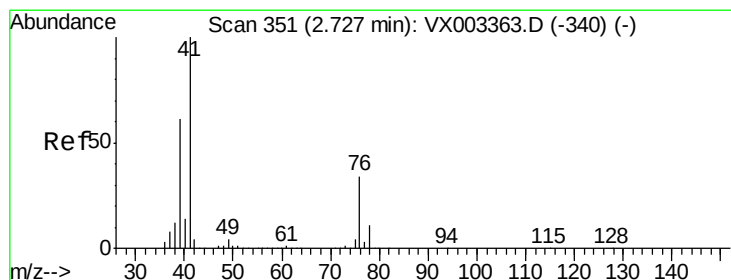
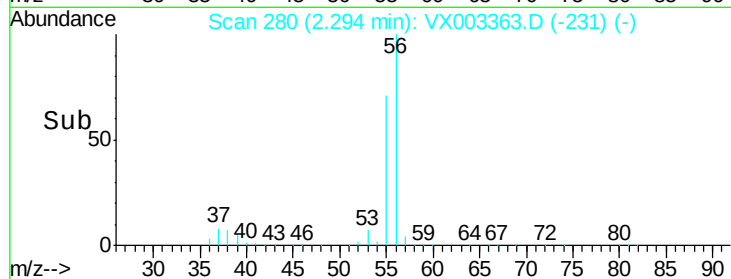
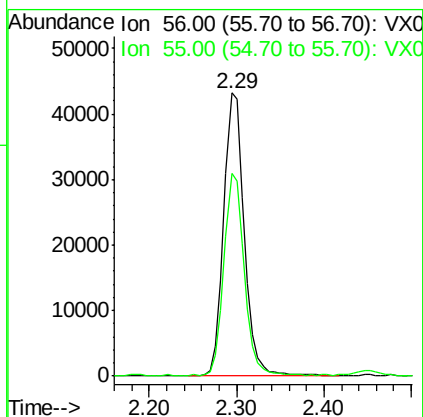
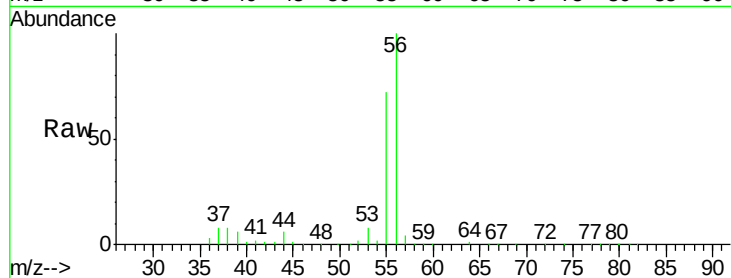




#13
Acrolein
Concen: 270.674 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

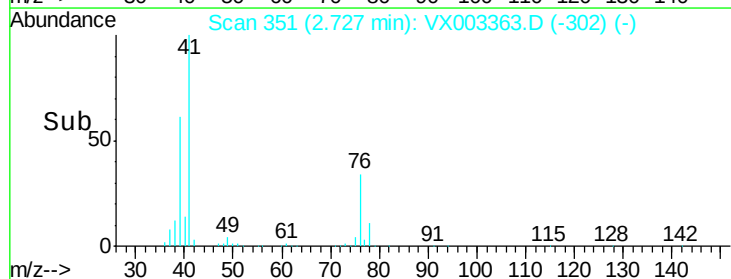
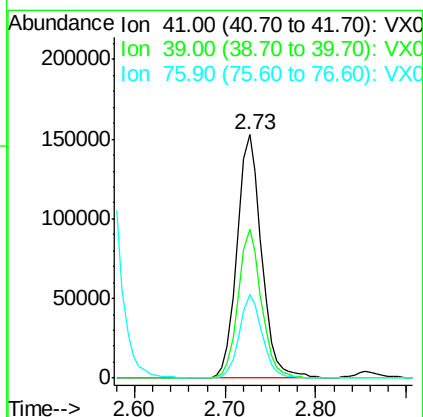
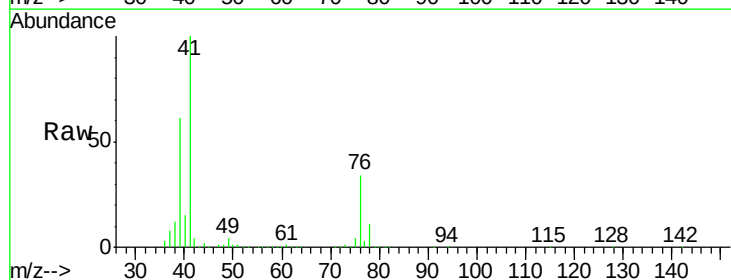
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

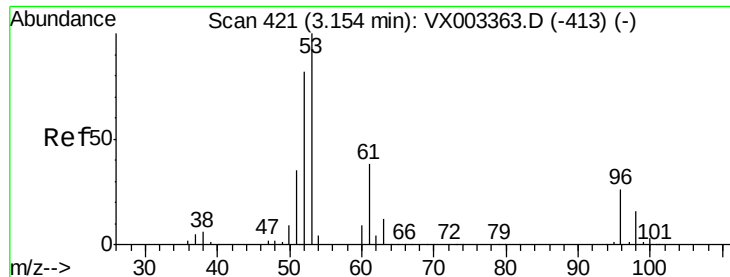
Tgt Ion: 56 Resp: 70406
Ion Ratio Lower Upper
56 100
55 70.6 57.0 85.4



#14
Allyl chloride
Concen: 50.327 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

Tgt Ion: 41 Resp: 285634
Ion Ratio Lower Upper
41 100
39 57.9 56.8 85.2
76 31.9 23.8 35.8





#15

Acrylonitrile

Concen: 253.288 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003363.D

Acq: 13 Jul 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

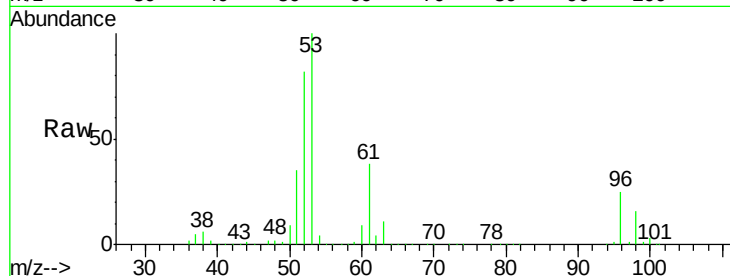
Tgt Ion: 53 Resp: 488738

Ion Ratio Lower Upper

53 100

52 82.1 66.7 100.1

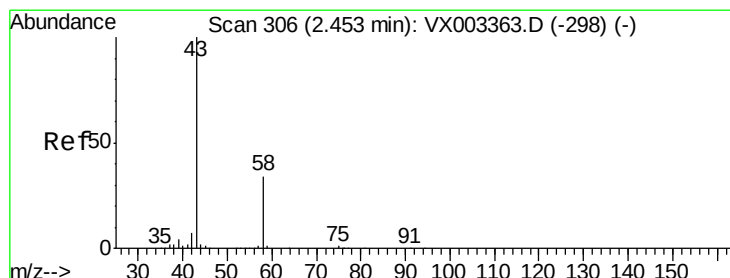
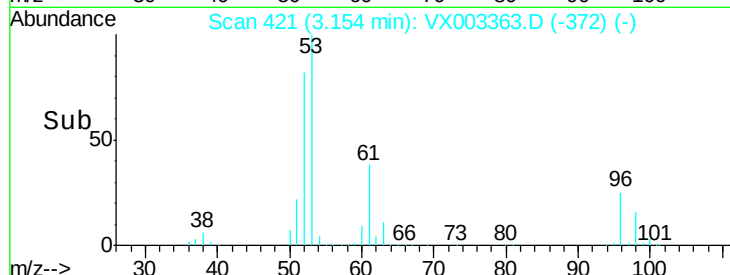
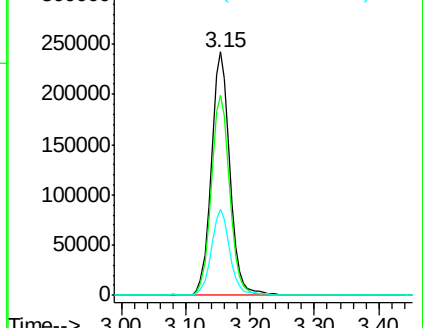
51 35.3 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 256.081 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003363.D

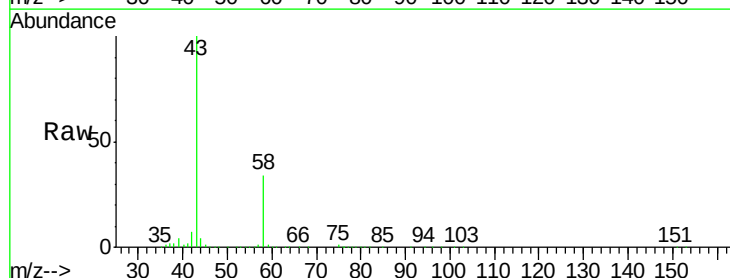
Acq: 13 Jul 2018 12:52

Tgt Ion: 43 Resp: 383132

Ion Ratio Lower Upper

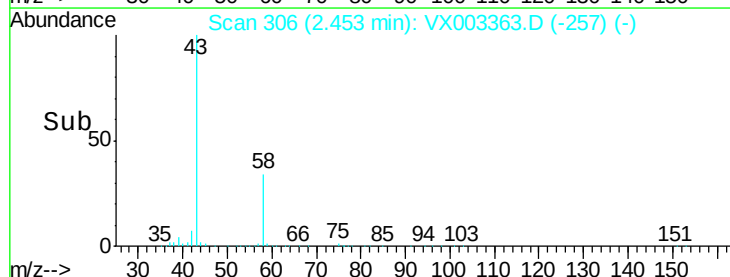
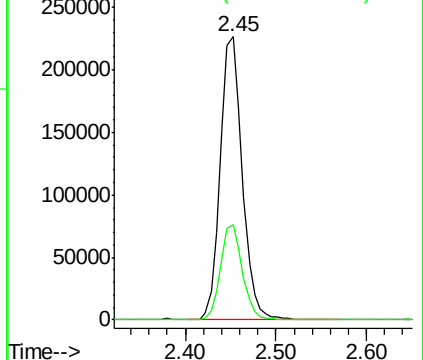
43 100

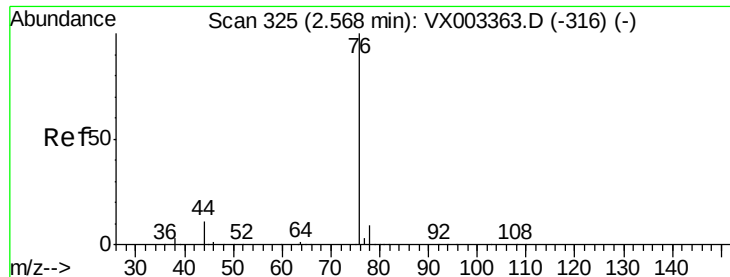
58 33.8 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

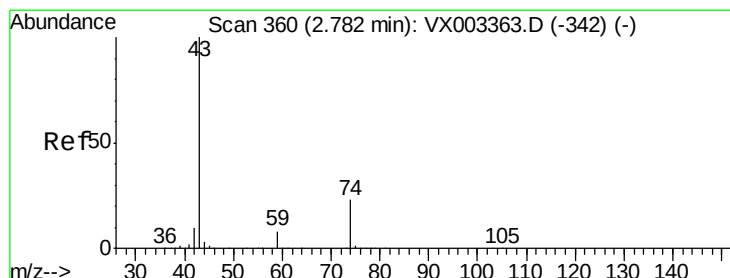
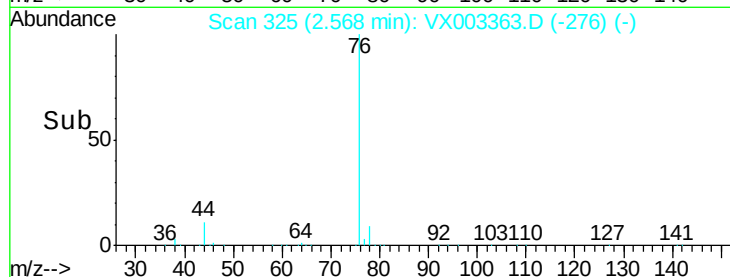
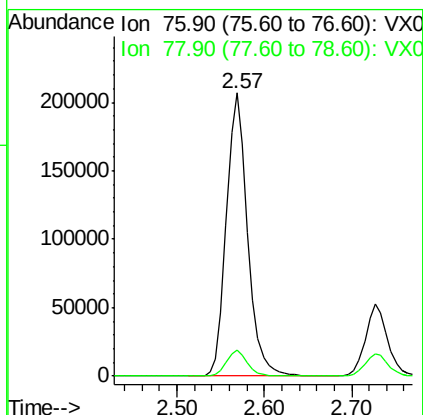
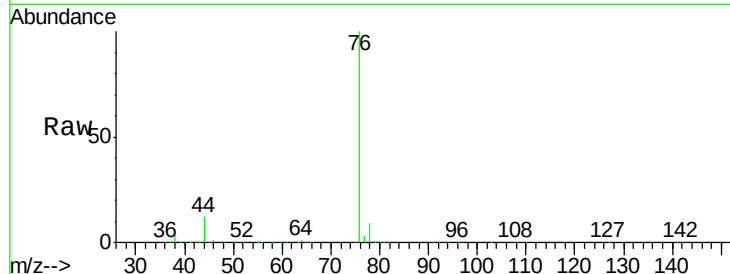




#17
Carbon Disulfide
Concen: 48.019 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

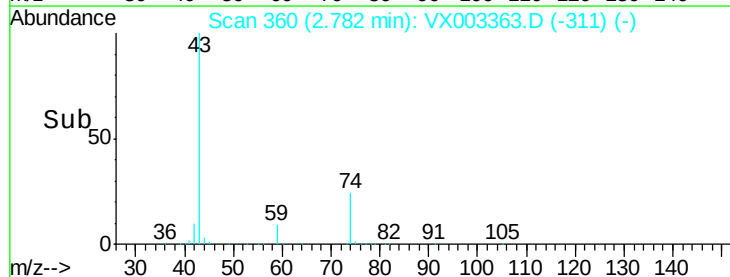
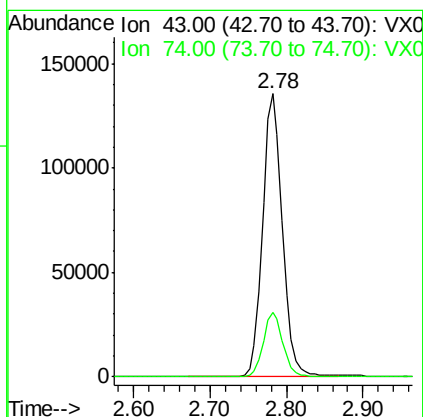
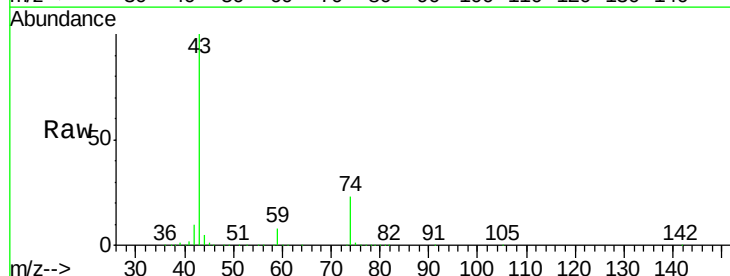
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

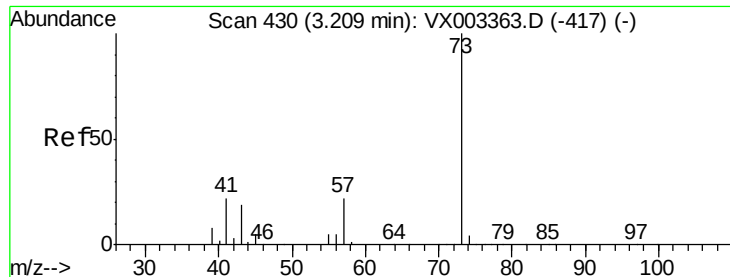
Tgt Ion: 76 Resp: 348889
Ion Ratio Lower Upper
76 100
78 9.4 6.9 10.3



#18
Methyl Acetate
Concen: 52.790 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

Tgt Ion: 43 Resp: 245238
Ion Ratio Lower Upper
43 100
74 22.9 16.7 25.1

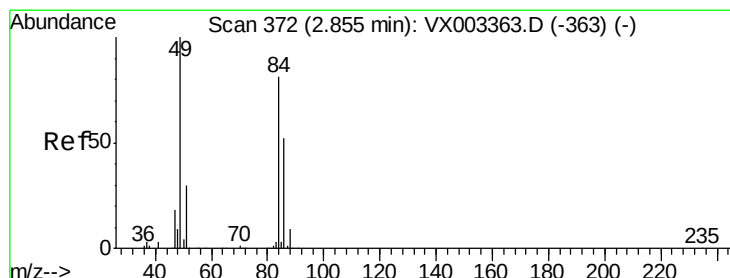
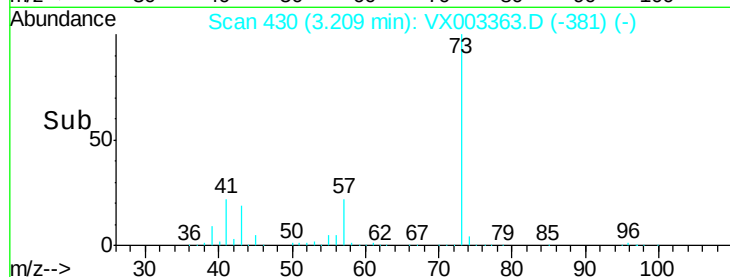
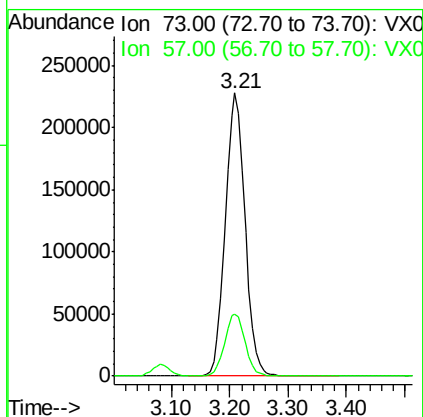
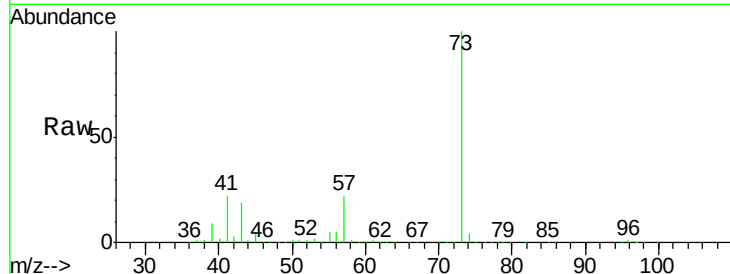




#19
Methyl tert-butyl Ether
Concen: 50.691 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

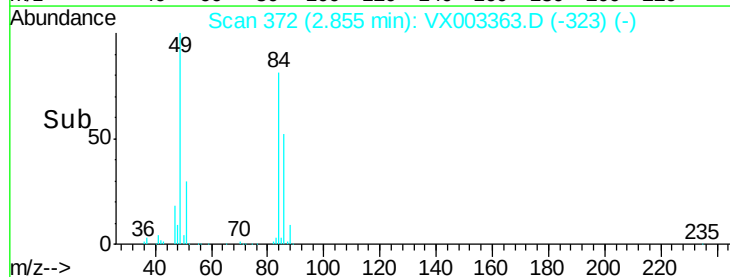
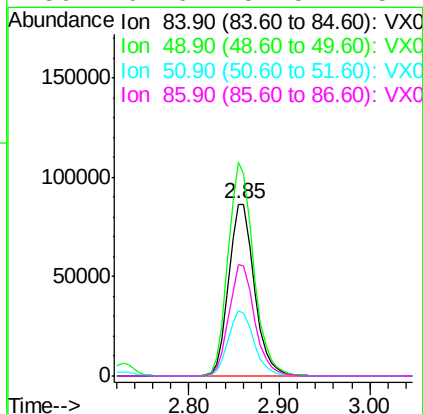
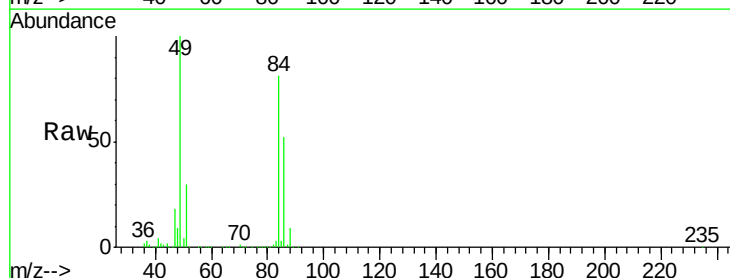
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

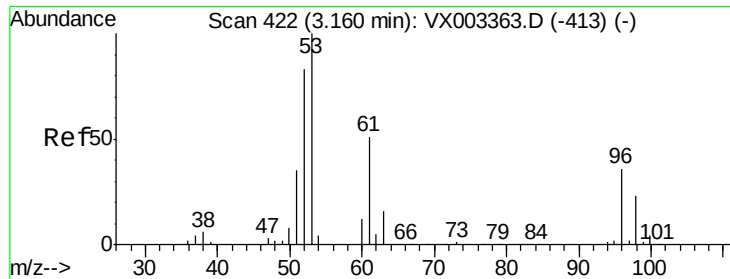
Tgt Ion: 73 Resp: 536363
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5



#20
Methylene Chloride
Concen: 53.841 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

Tgt Ion: 84 Resp: 171147
Ion Ratio Lower Upper
84 100
49 124.1 107.8 161.6
51 37.6 32.8 49.2
86 64.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.925 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003363.D

Acq: 13 Jul 2018 12:52

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

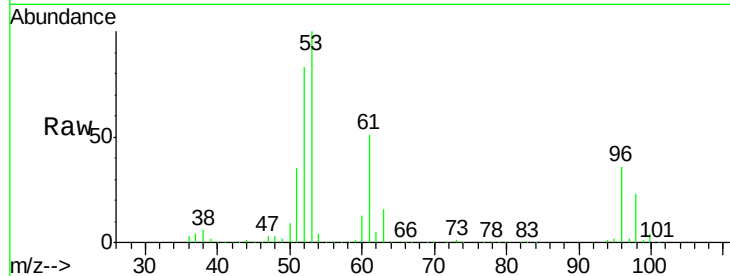
Tgt Ion: 96 Resp: 154485

Ion Ratio Lower Upper

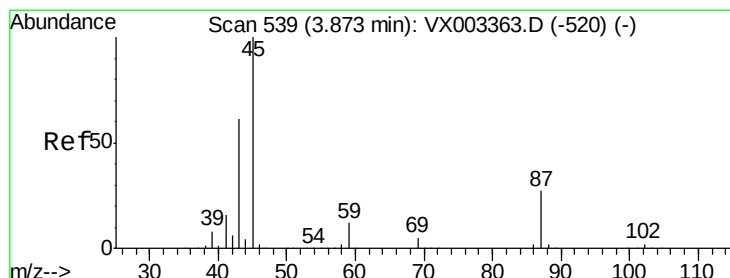
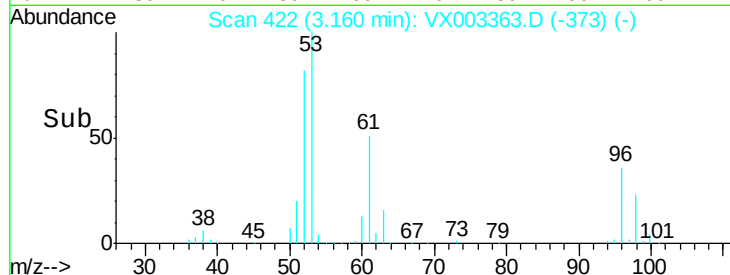
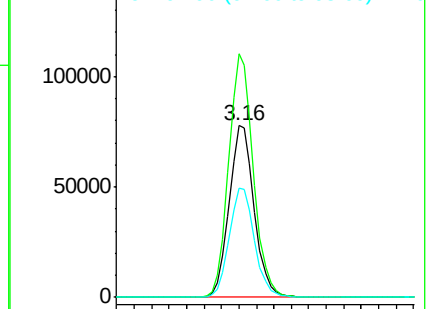
96 100

61 142.0 117.0 175.4

98 64.0 52.4 78.6



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



#22

Diisopropyl ether

Concen: 48.542 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003363.D

Acq: 13 Jul 2018 12:52

Tgt Ion: 45 Resp: 512853

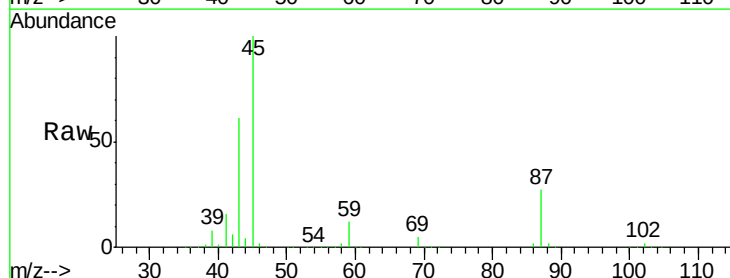
Ion Ratio Lower Upper

45 100

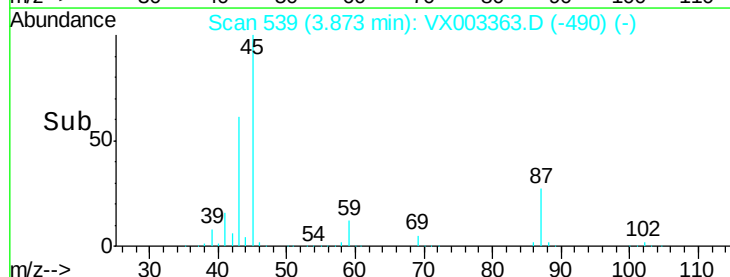
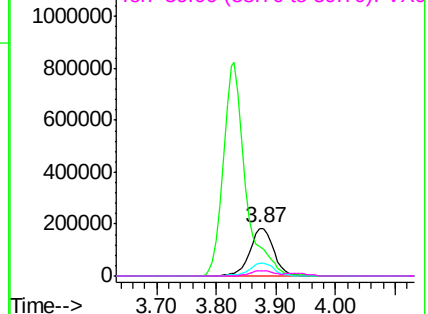
43 60.9 46.8 70.2

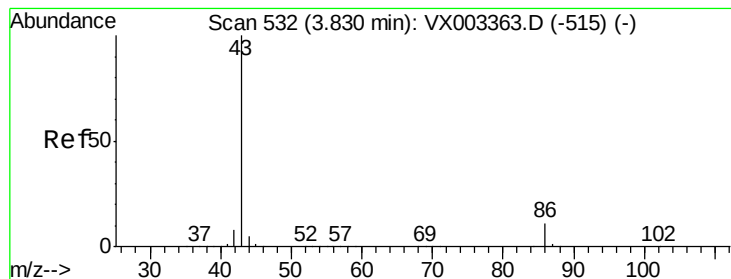
87 27.1 20.2 30.4

59 11.8 8.7 13.1



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





#23

Vinyl Acetate

Concen: 246.611 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003363.D

Acq: 13 Jul 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

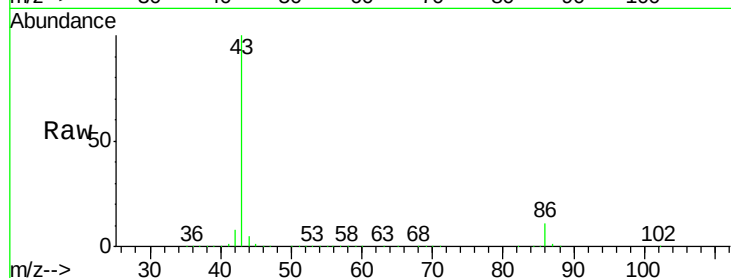
VSTDICCC050

Tgt Ion: 43 Resp: 2129009

Ion Ratio Lower Upper

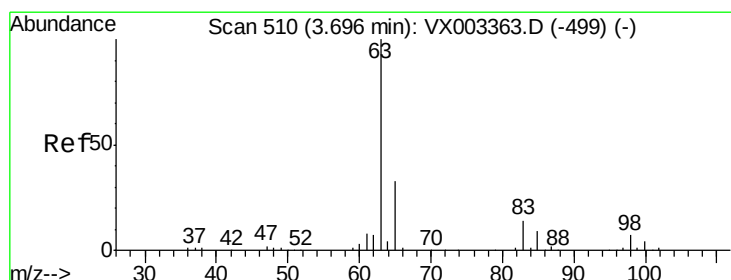
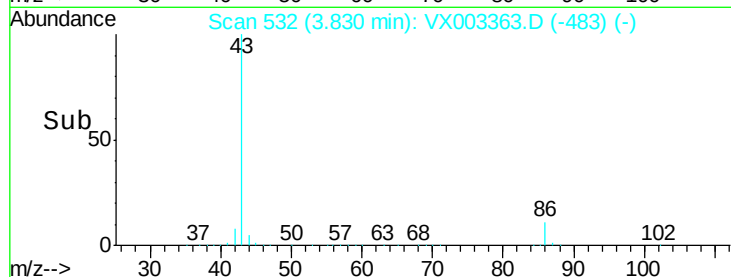
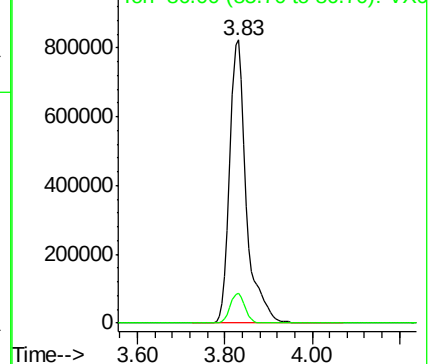
43 100

86 10.6 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.436 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003363.D

Acq: 13 Jul 2018 12:52

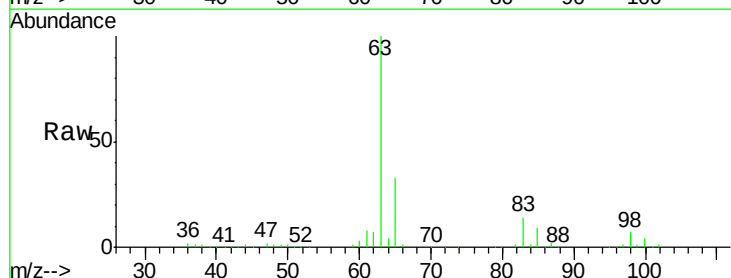
Tgt Ion: 63 Resp: 290129

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

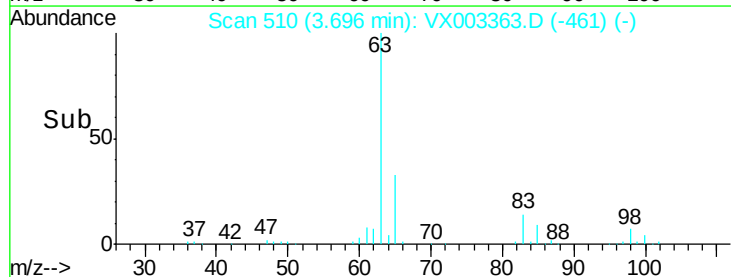
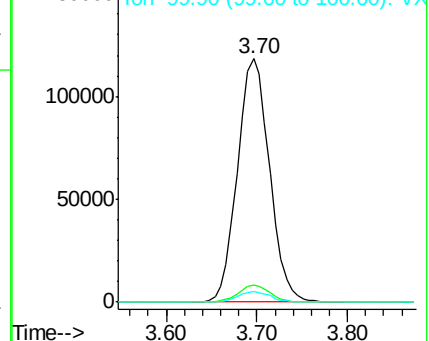
100 4.2 2.0 6.0

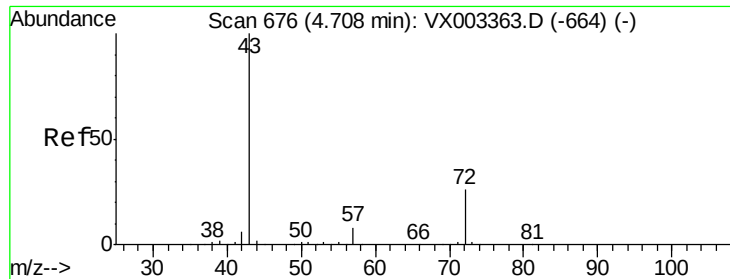


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 247.533 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003363.D

Acq: 13 Jul 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

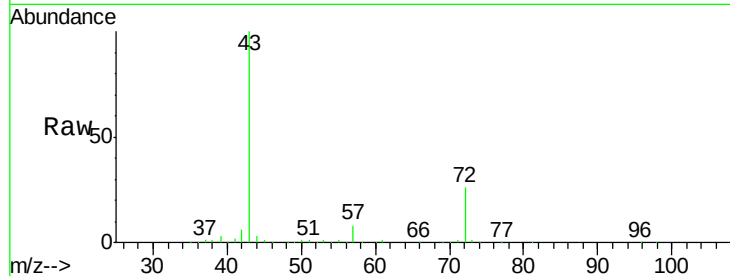
VSTDICCC050

Tgt Ion: 43 Resp: 574021

Ion Ratio Lower Upper

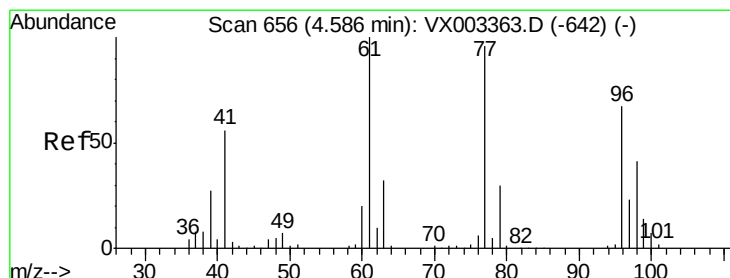
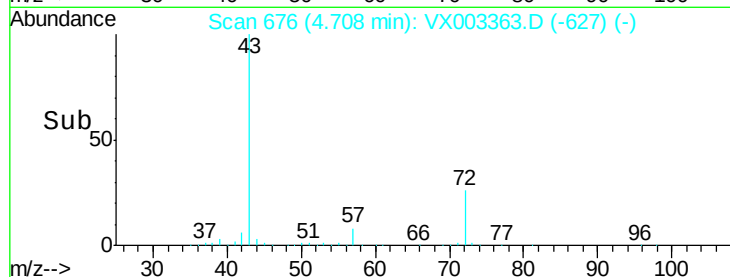
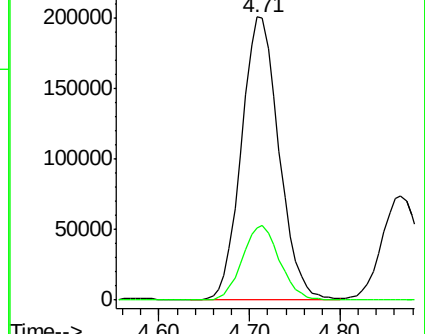
43 100

72 25.5 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 47.974 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003363.D

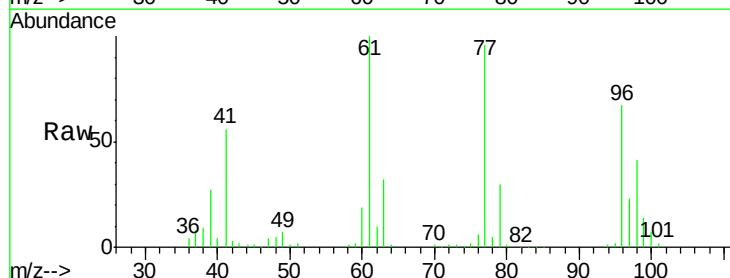
Acq: 13 Jul 2018 12:52

Tgt Ion: 77 Resp: 203391

Ion Ratio Lower Upper

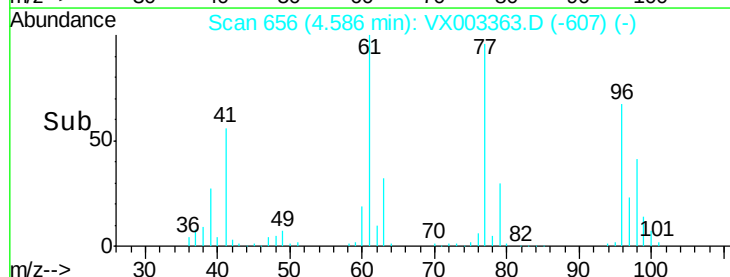
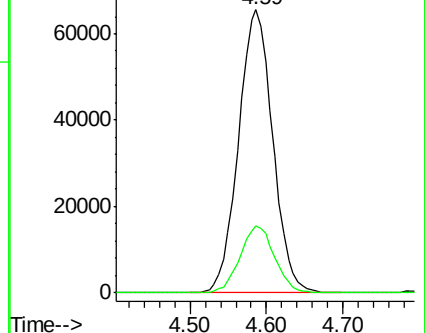
77 100

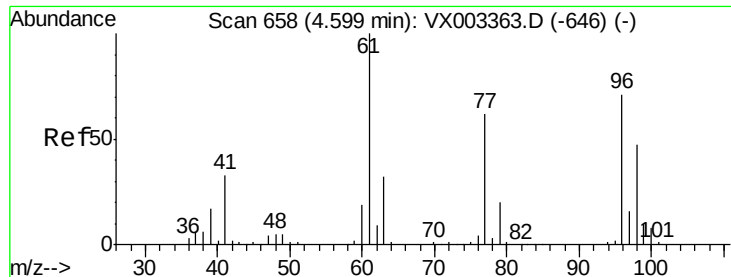
97 23.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



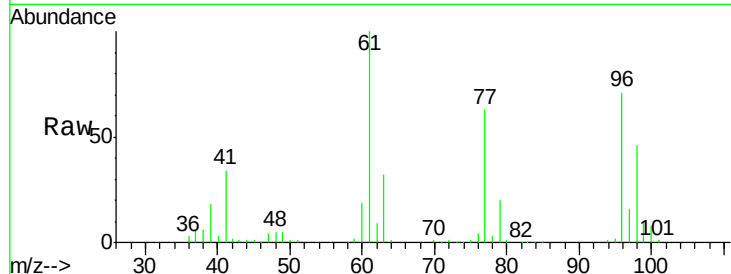


#27

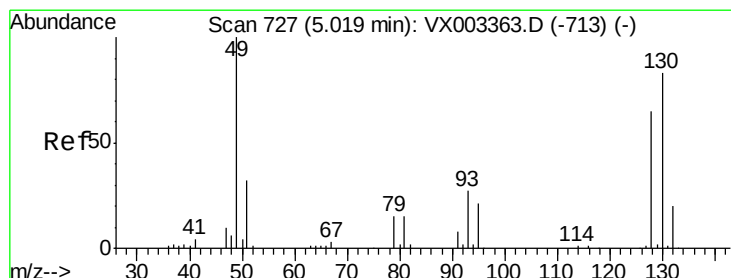
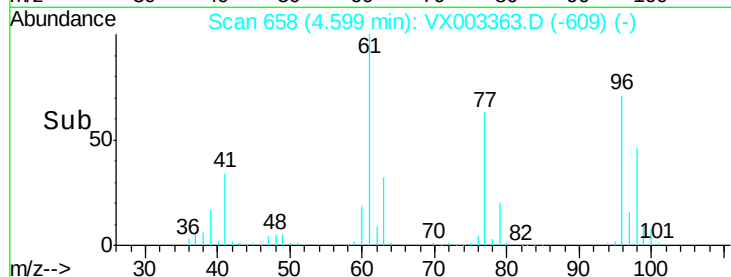
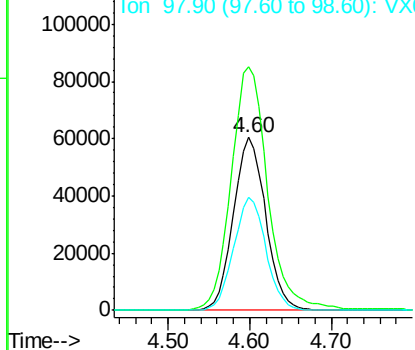
cis-1,2-Dichloroethene
Concen: 47.680 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tgt Ion: 96 Resp: 165494
Ion Ratio Lower Upper
96 100
61 161.0 0.0 330.2
98 65.3 0.0 130.2



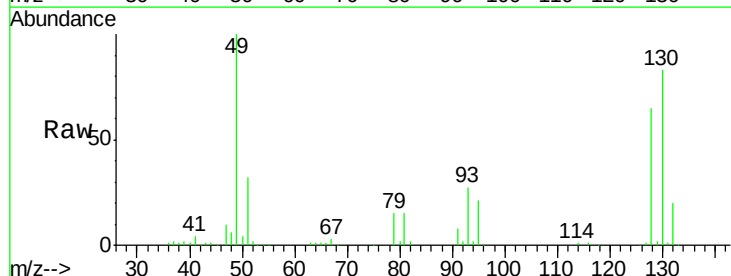
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



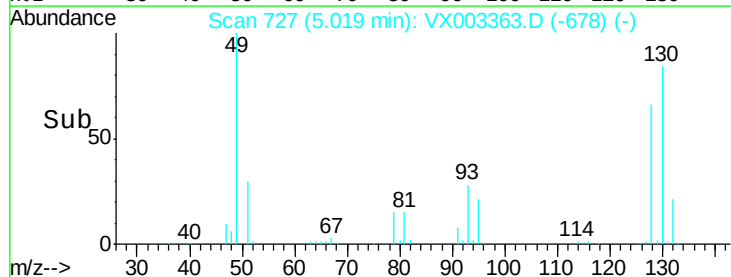
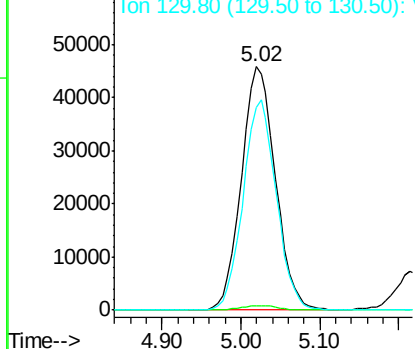
#28

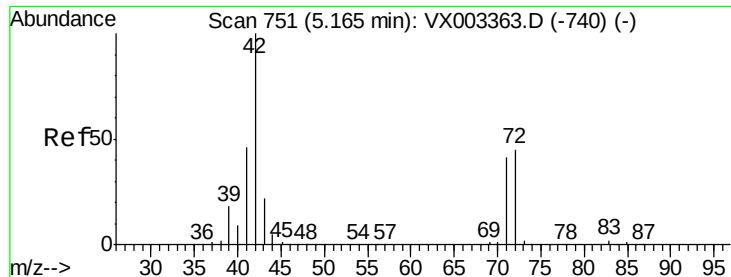
Bromochloromethane
Concen: 50.501 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

Tgt Ion: 49 Resp: 137820
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 84.1 61.2 91.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

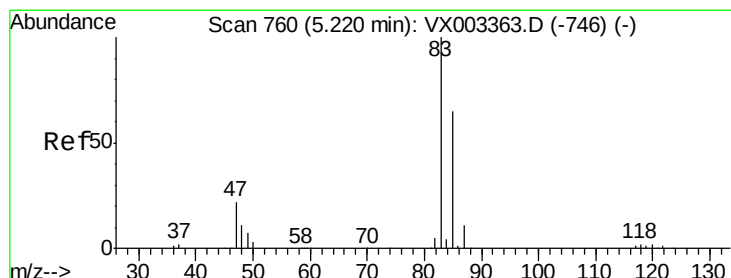
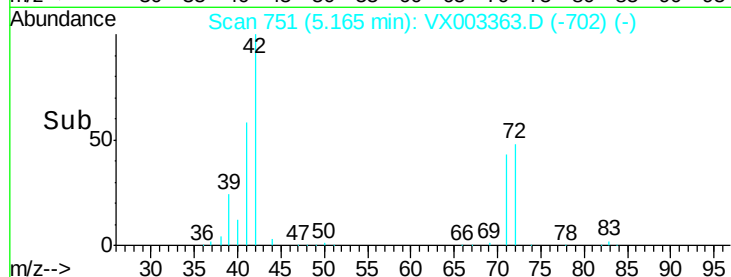
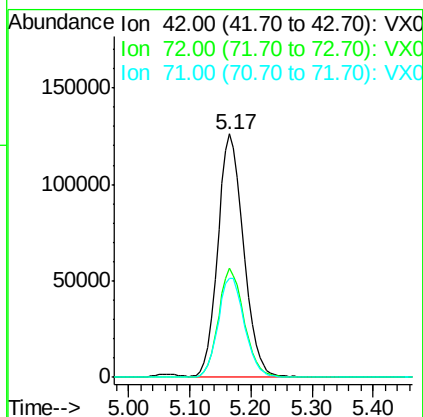
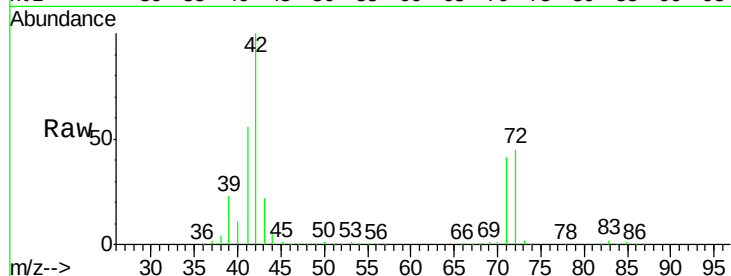




#29
Tetrahydrofuran
Concen: 249.203 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

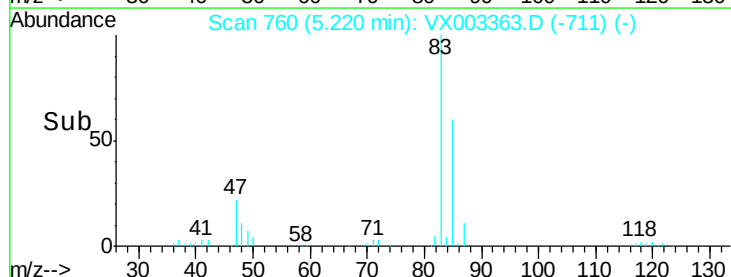
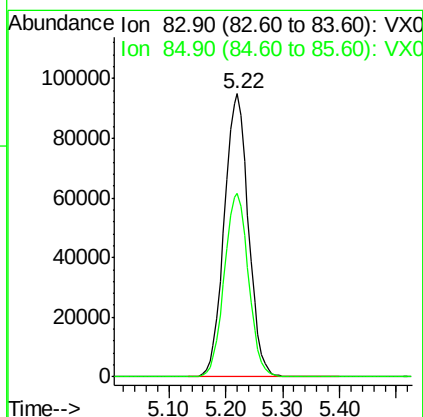
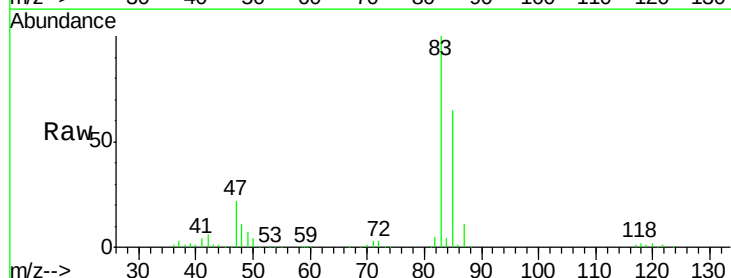
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

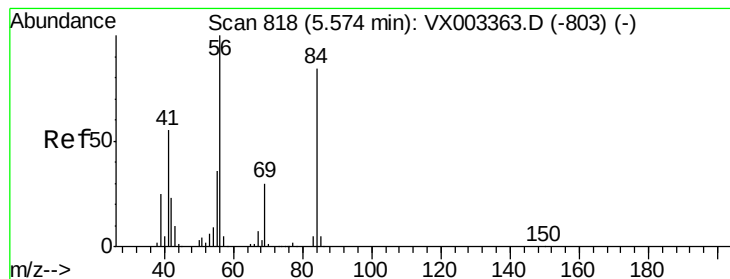
Tgt Ion: 42 Resp: 369168
Ion Ratio Lower Upper
42 100
72 44.7 32.0 48.0
71 42.0 30.1 45.1



#30
Chloroform
Concen: 48.754 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

Tgt Ion: 83 Resp: 279917
Ion Ratio Lower Upper
83 100
85 64.7 50.4 75.6





#31

Cyclohexane

Concen: 49.027 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003363.D

Acq: 13 Jul 2018 12:52

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

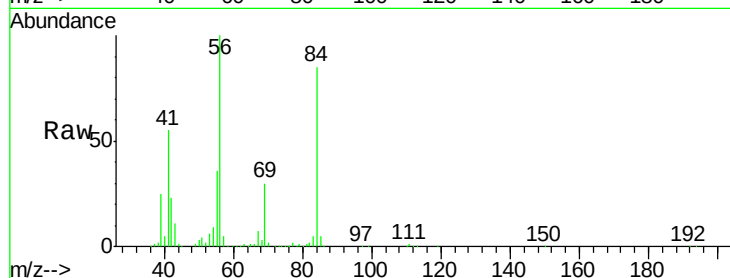
Tgt Ion: 56 Resp: 224746

Ion Ratio Lower Upper

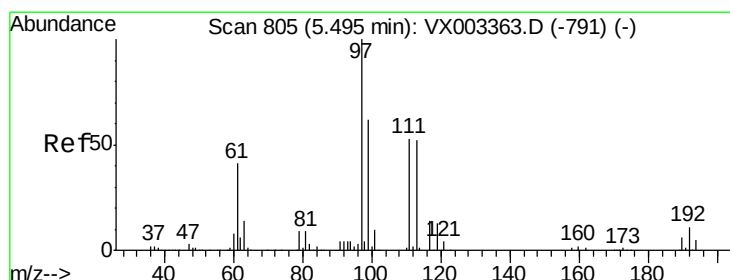
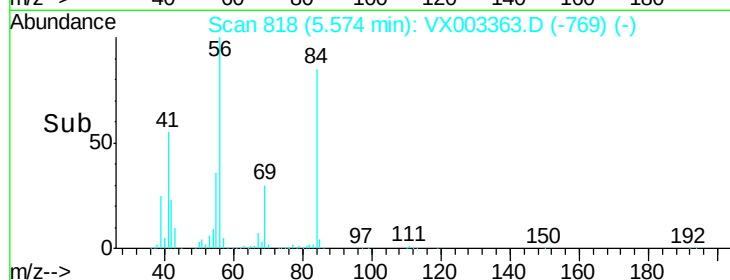
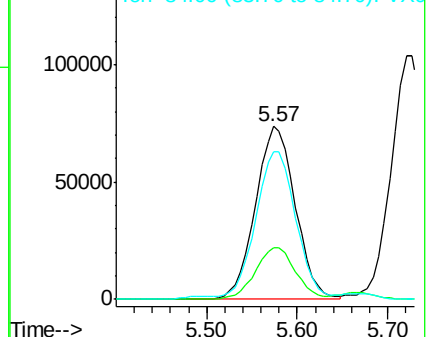
56 100

69 29.6 23.7 35.5

84 84.0 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 49.884 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003363.D

Acq: 13 Jul 2018 12:52

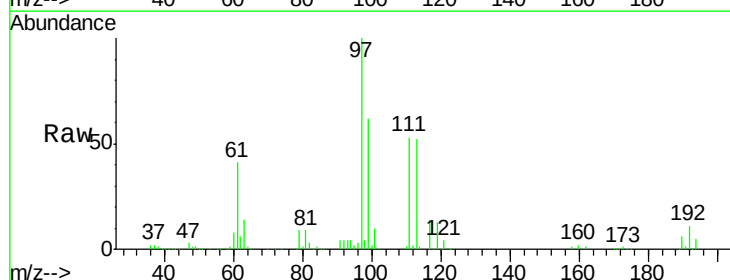
Tgt Ion: 97 Resp: 238597

Ion Ratio Lower Upper

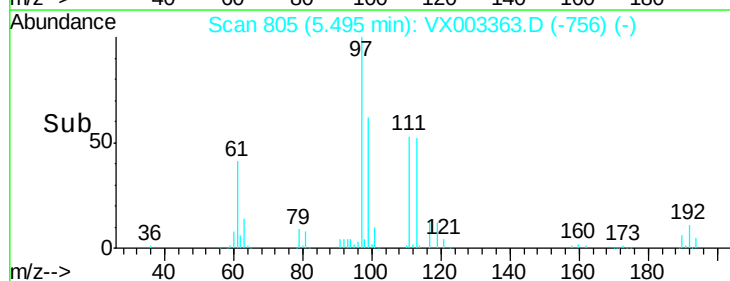
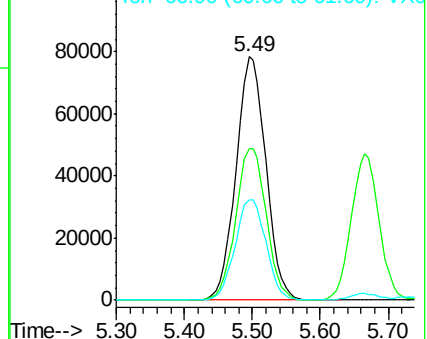
97 100

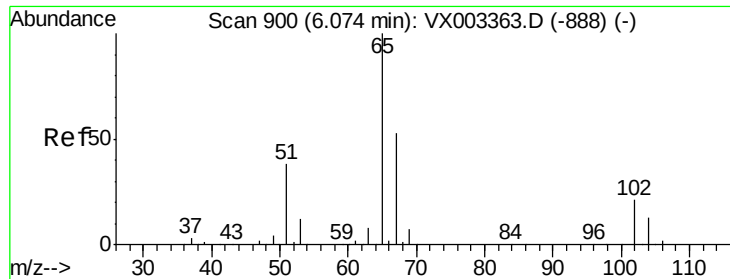
99 63.9 51.6 77.4

61 43.0 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

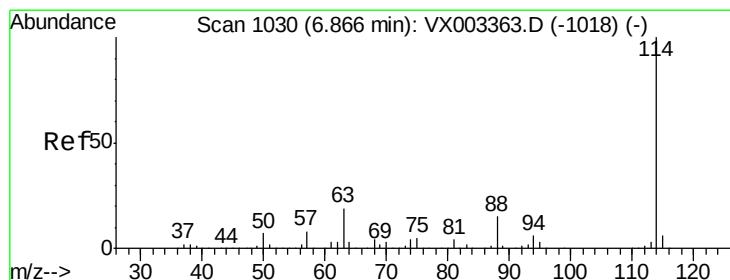
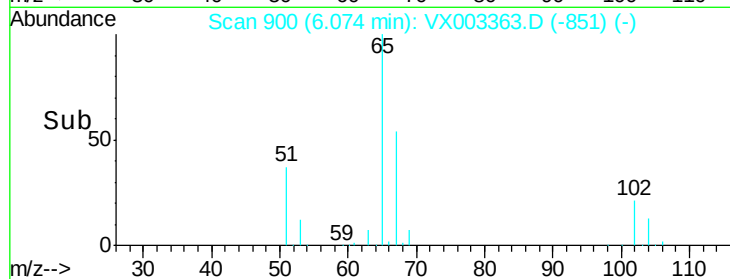
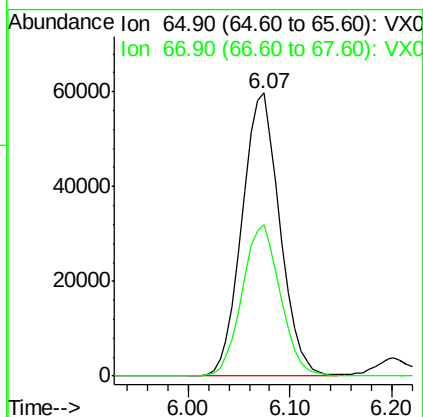
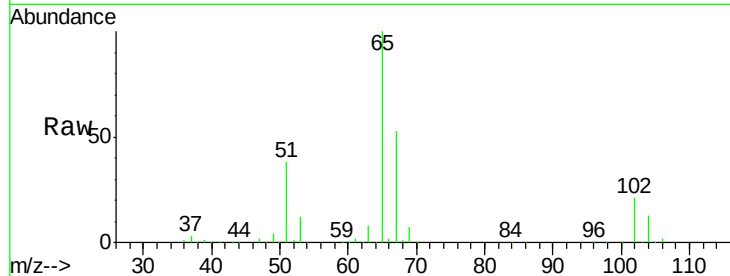




#33
 1,2-Dichloroethane-d4
 Concen: 52.901 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003363.D
 Acq: 13 Jul 2018 12:52

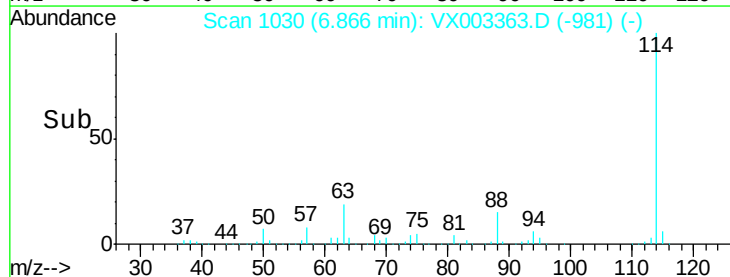
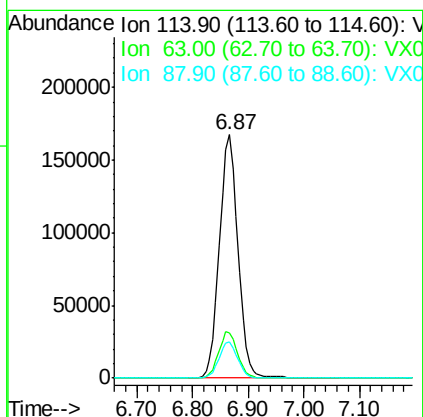
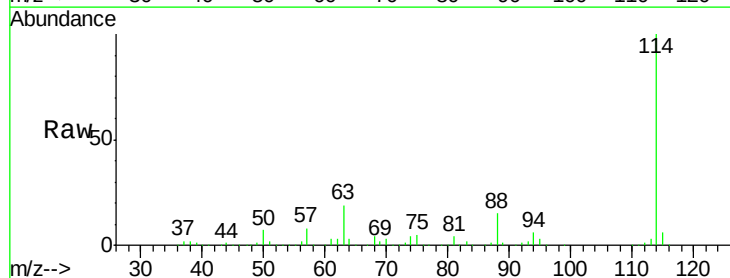
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

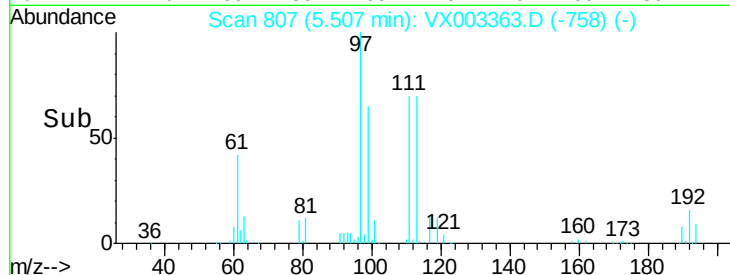
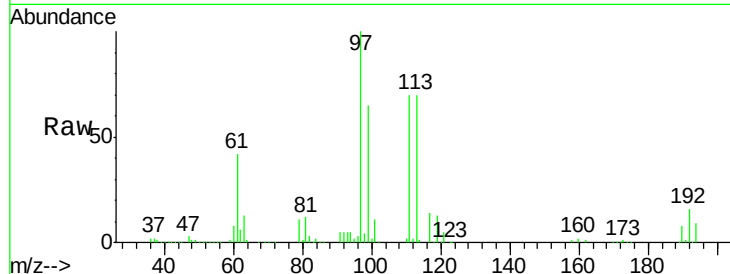
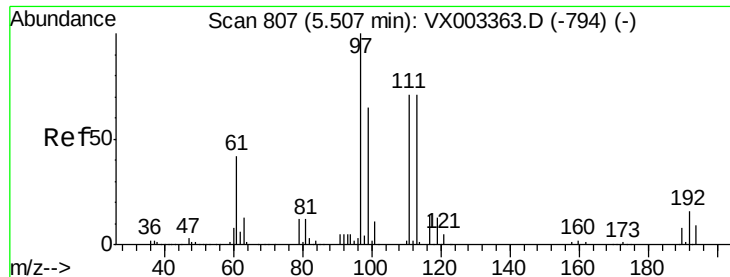
Tgt Ion: 65 Resp: 154374
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003363.D
 Acq: 13 Jul 2018 12:52

Tgt Ion: 114 Resp: 387897
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 41.4
 88 14.9 0.0 30.0

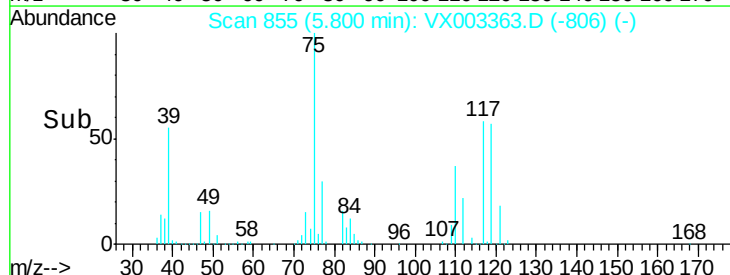
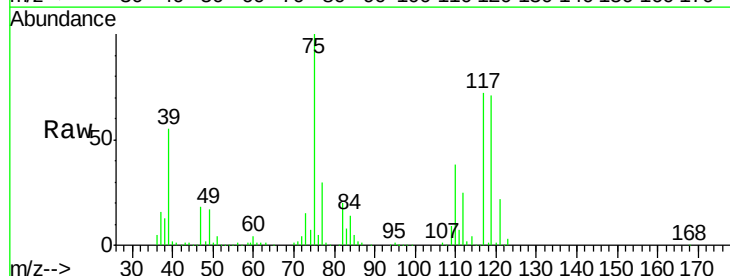
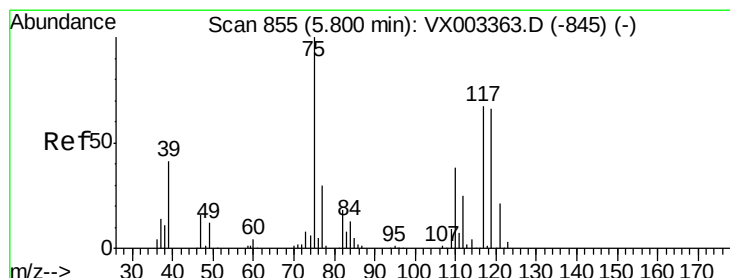
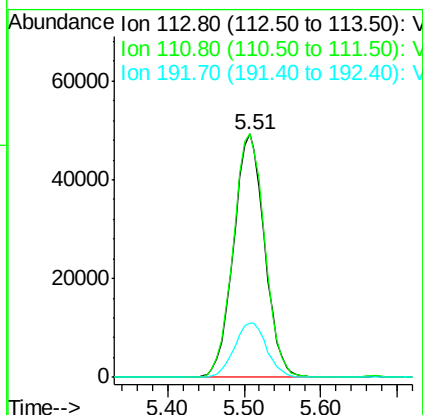




#35
Dibromofluoromethane
Concen: 48.395 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

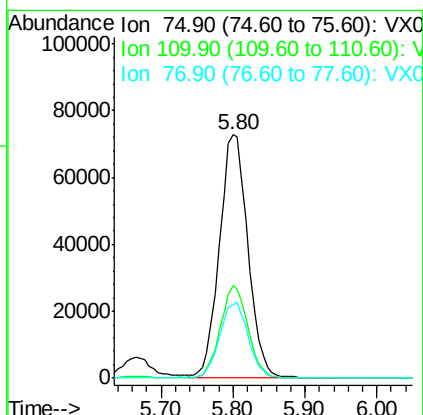
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

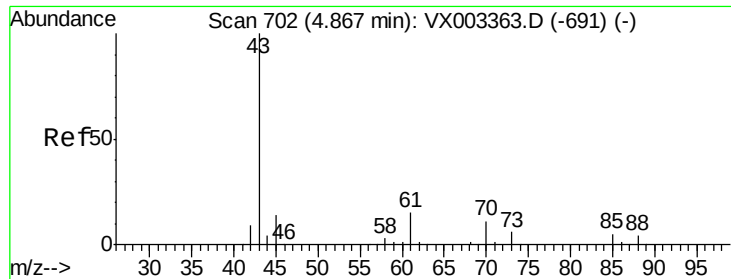
Tgt Ion:113 Resp: 138164
Ion Ratio Lower Upper
113 100
111 101.7 81.4 122.0
192 23.3 19.1 28.7



#36
1,1-Dichloropropene
Concen: 48.428 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

Tgt Ion: 75 Resp: 199566
Ion Ratio Lower Upper
75 100
110 37.2 18.1 54.4
77 31.5 24.3 36.5

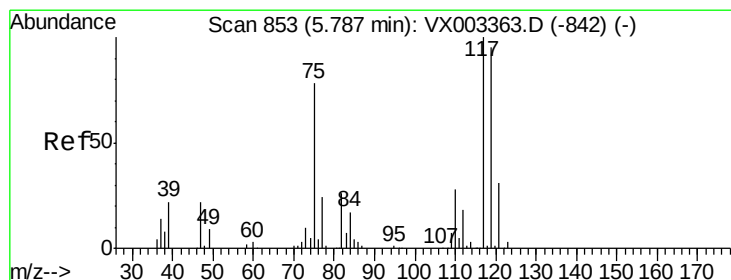
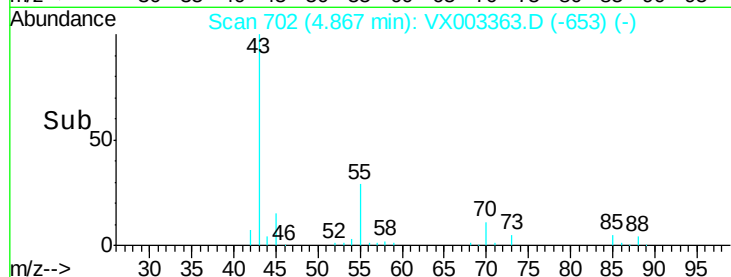
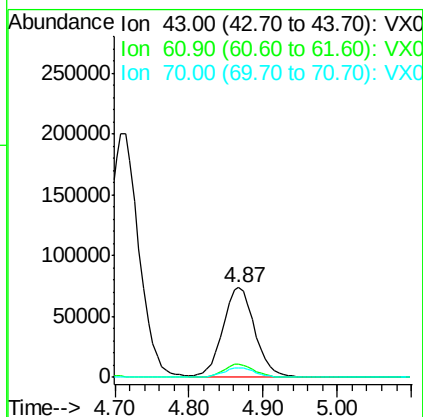
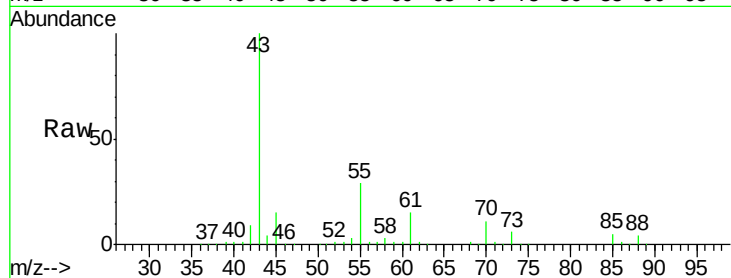




#37
Ethyl Acetate
Concen: 48.692 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

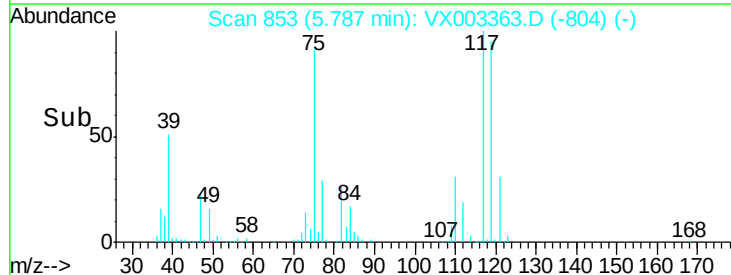
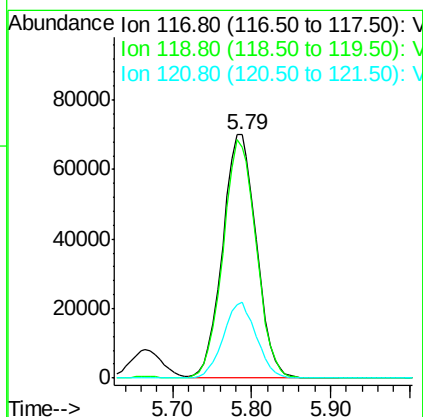
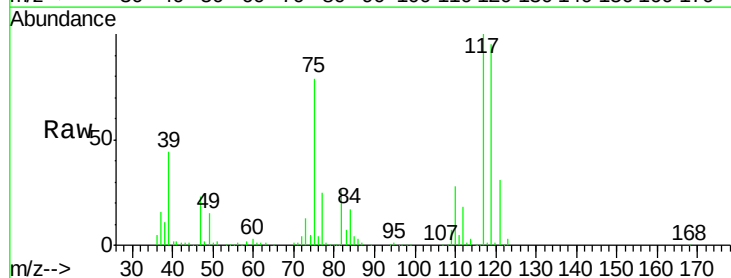
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

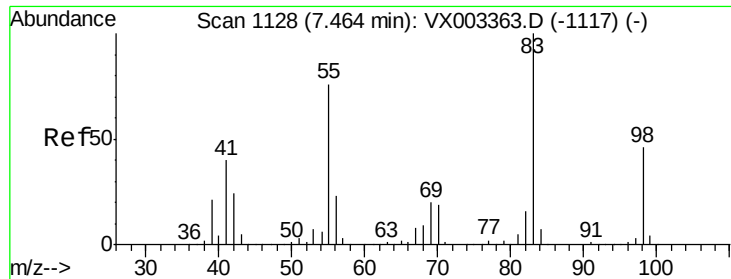
Tgt Ion: 43 Resp: 219886
Ion Ratio Lower Upper
43 100
61 14.1 10.4 15.6
70 10.5 7.6 11.4



#38
Carbon Tetrachloride
Concen: 49.652 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

Tgt Ion: 117 Resp: 208580
Ion Ratio Lower Upper
117 100
119 94.6 77.4 116.0
121 30.9 24.4 36.6

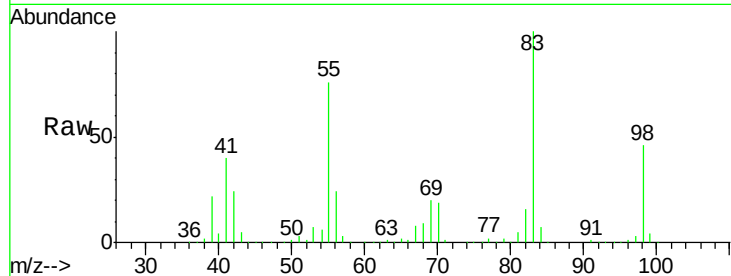




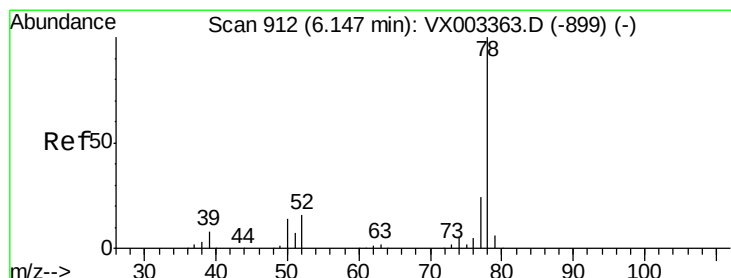
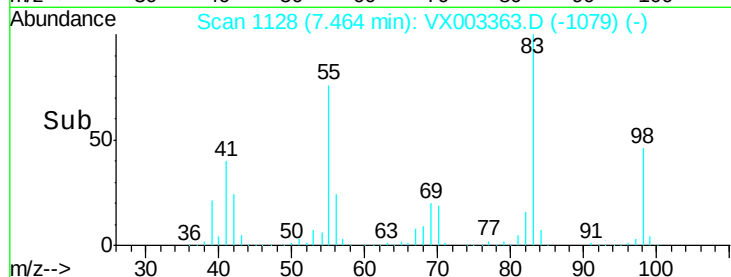
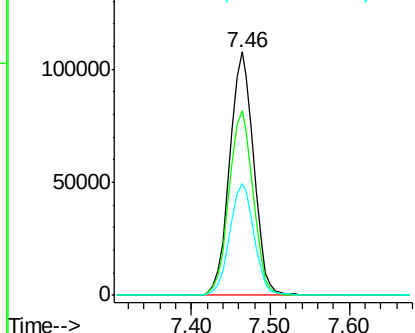
#39
Methylcyclohexane
Concen: 48.871 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 227979
Ion Ratio Lower Upper
83 100
55 75.7 65.4 98.0
98 45.7 37.4 56.0

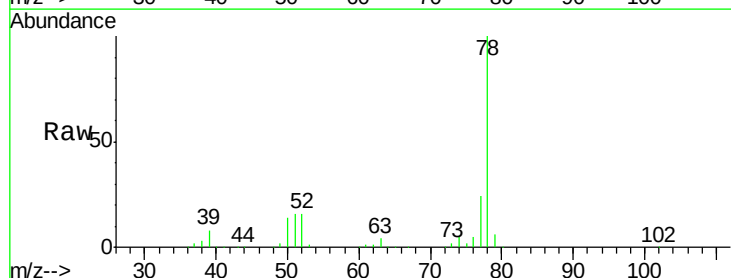


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

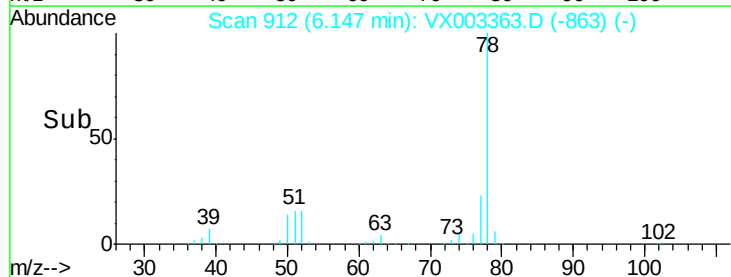
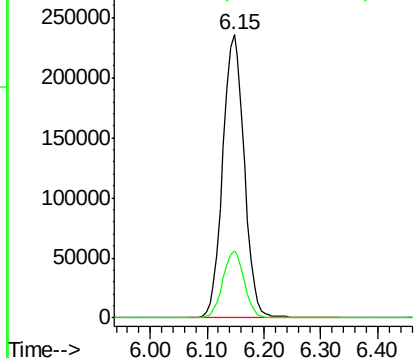


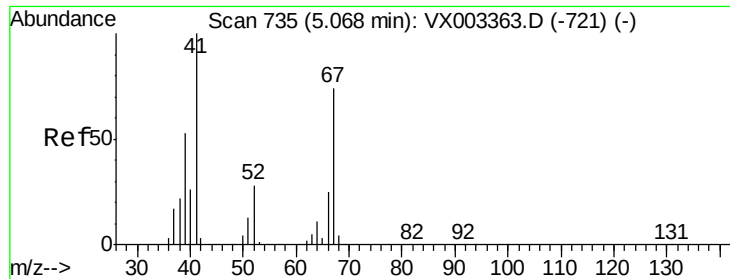
#40
Benzene
Concen: 48.041 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

Tgt Ion: 78 Resp: 620040
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

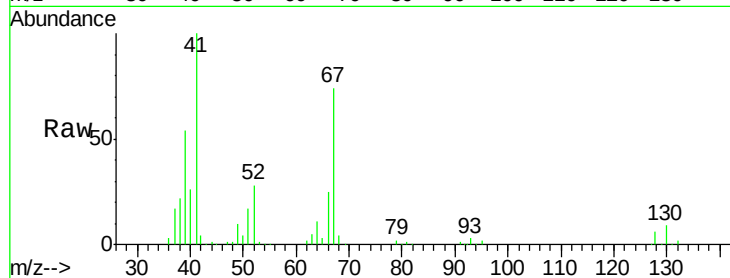




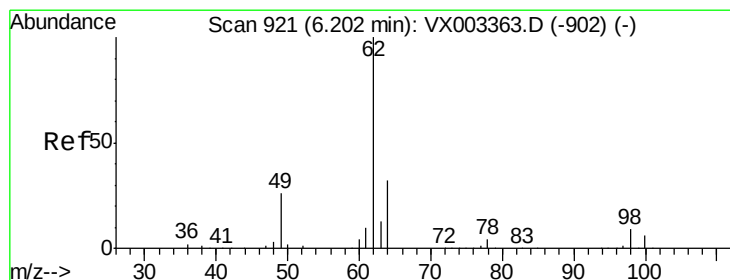
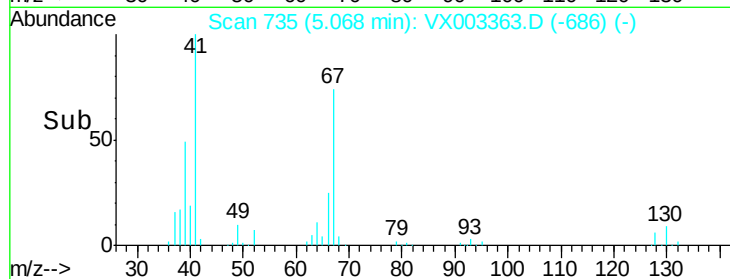
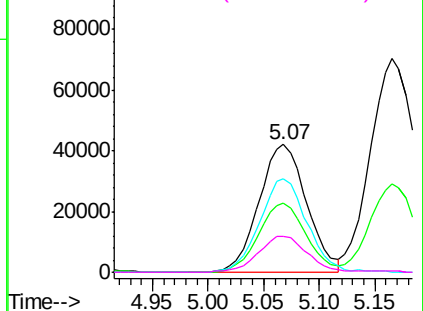
#41
Methacrylonitrile
Concen: 48.530 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tgt Ion:	41	Resp:	125548
Ion	Ratio	Lower	Upper
41	100		
39	53.9	45.8	68.6
67	72.5	51.3	76.9
52	28.8	23.0	34.6

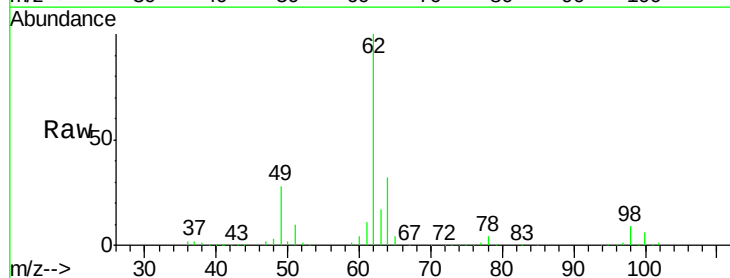


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

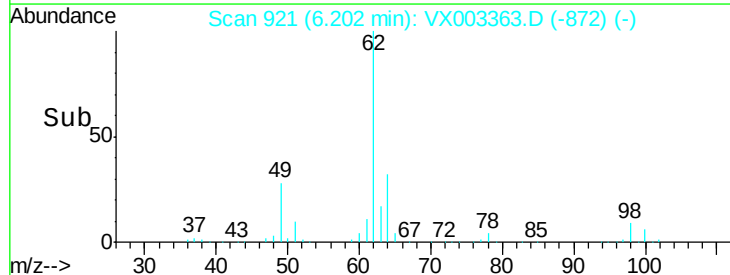
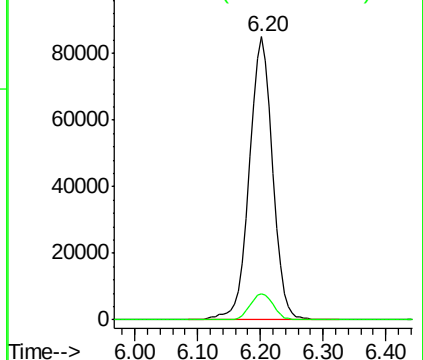


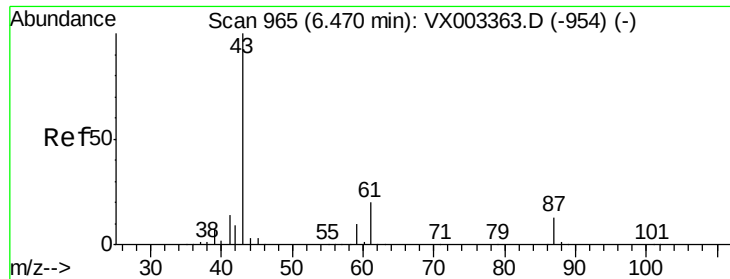
#42
1,2-Dichloroethane
Concen: 48.528 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

Tgt Ion:	62	Resp:	218785
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	16.6



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





#43

Isopropyl Acetate

Concen: 49.766 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003363.D

Acq: 13 Jul 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

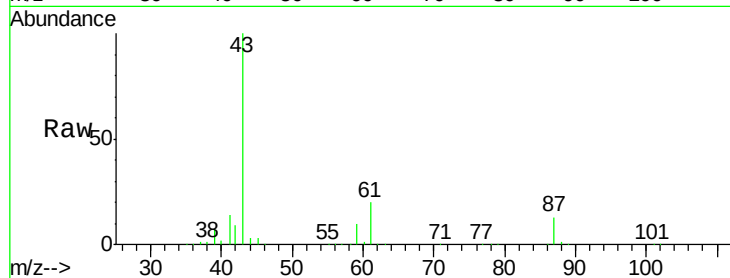
Tgt Ion: 43 Resp: 352172

Ion Ratio Lower Upper

43 100

61 20.2 14.4 21.6

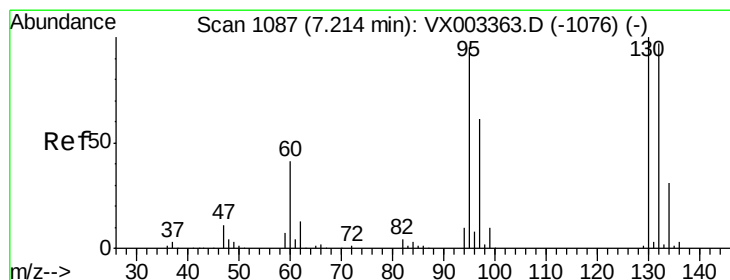
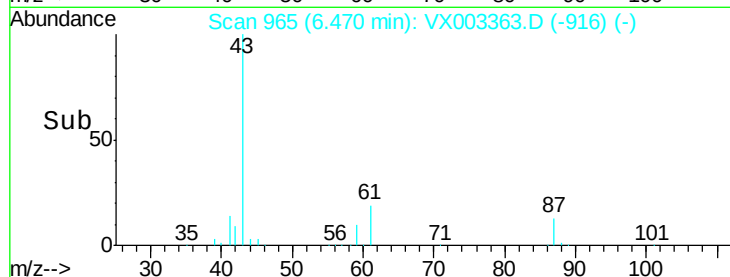
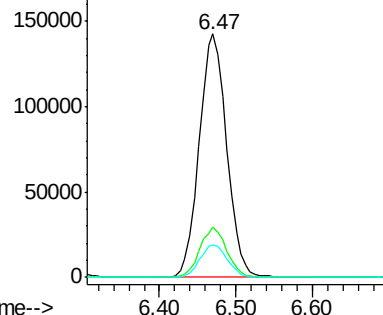
87 13.4 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.258 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003363.D

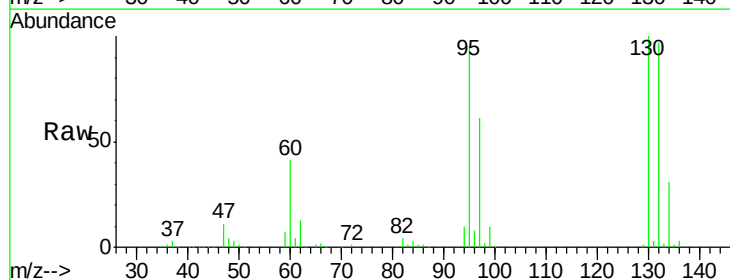
Acq: 13 Jul 2018 12:52

Tgt Ion: 130 Resp: 172834

Ion Ratio Lower Upper

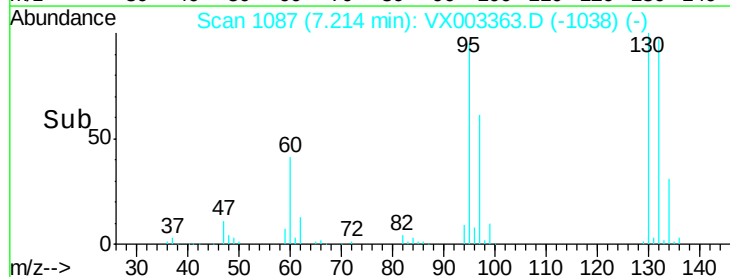
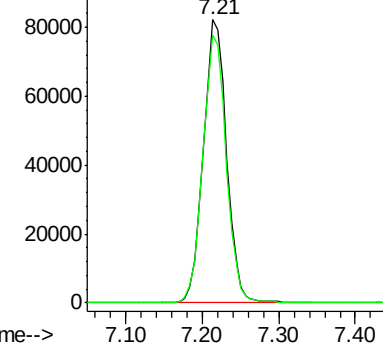
130 100

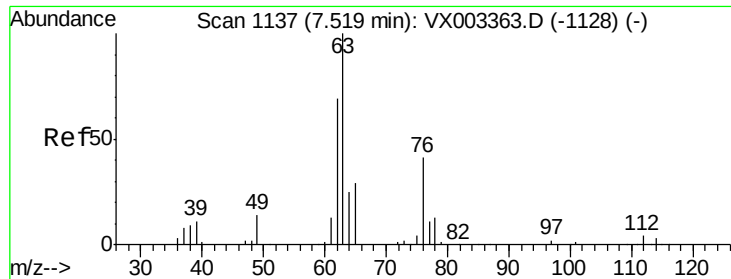
95 94.7 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

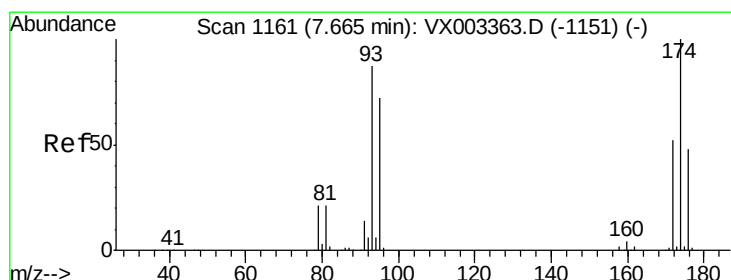
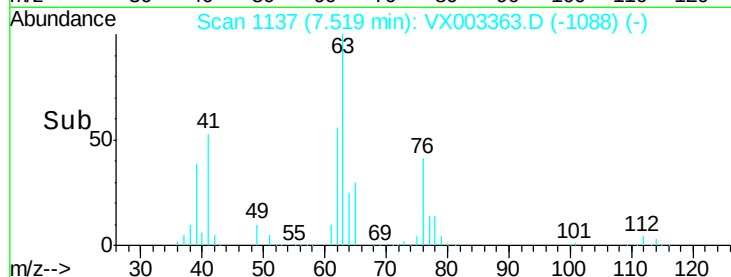
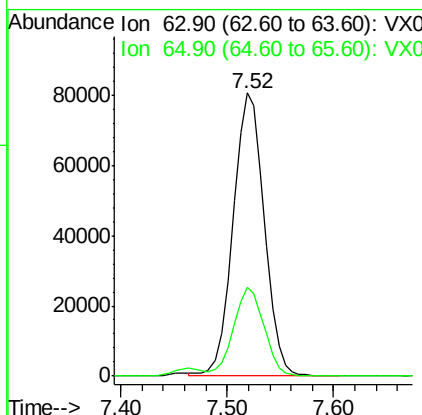
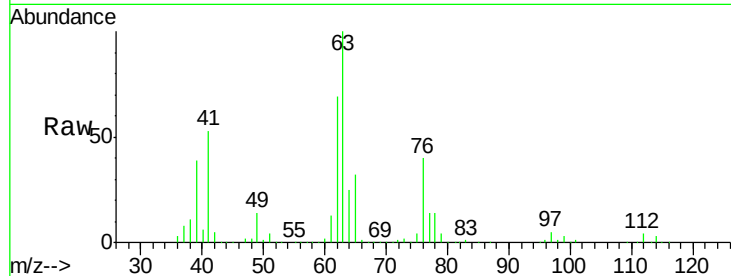




#45
 1,2-Dichloropropane
 Concen: 48.128 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003363.D
 Acq: 13 Jul 2018 12:52

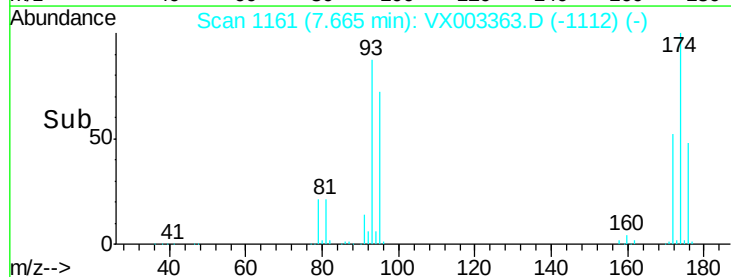
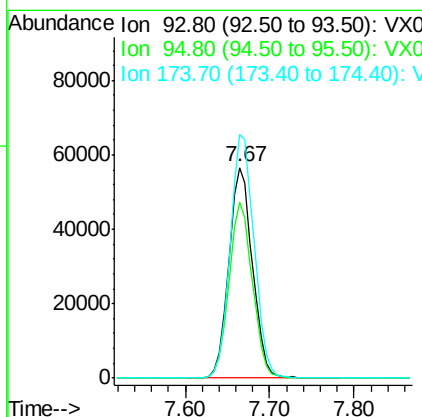
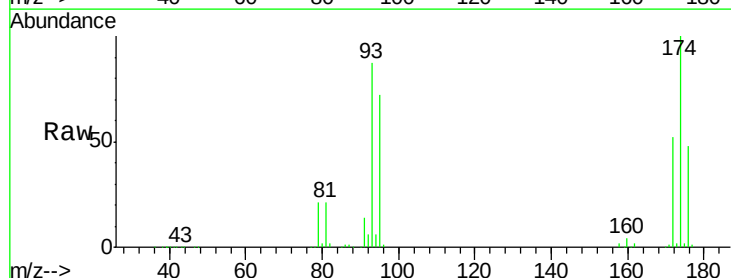
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

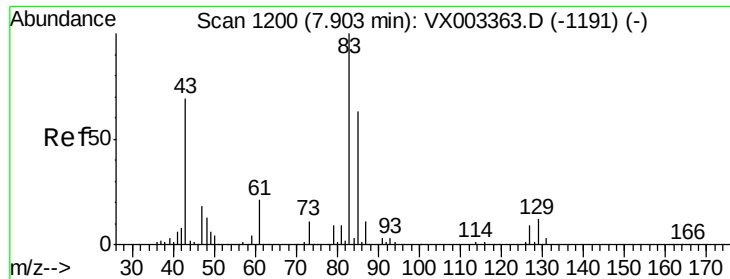
Tgt Ion: 63 Resp: 164777
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.7 37.1



#46
 Dibromomethane
 Concen: 49.048 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003363.D
 Acq: 13 Jul 2018 12:52

Tgt Ion: 93 Resp: 107968
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.9 98.9
 174 116.8 92.4 138.6





#47

Bromodichloromethane

Concen: 50.005 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003363.D

Acq: 13 Jul 2018 12:52

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

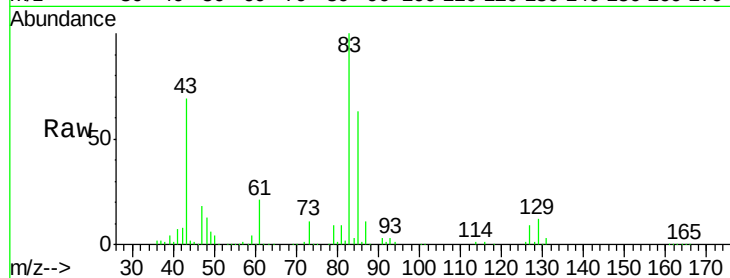
Tgt Ion: 83 Resp: 207535

Ion Ratio Lower Upper

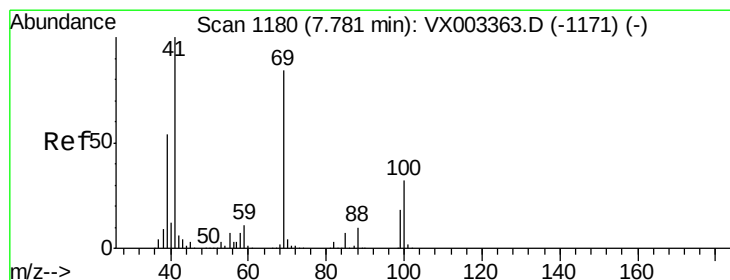
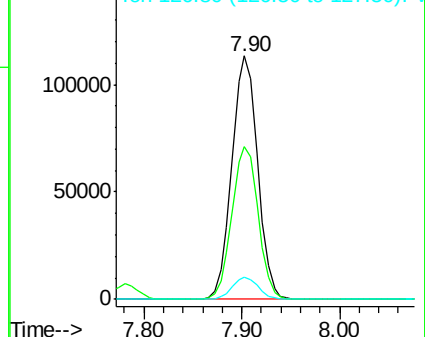
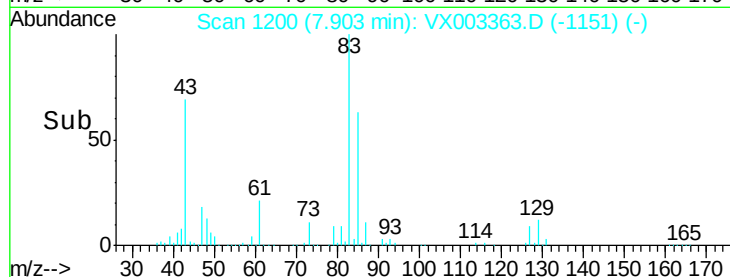
83 100

85 62.7 50.3 75.5

127 8.9 7.0 10.4



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



#48

Methyl methacrylate

Concen: 50.263 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003363.D

Acq: 13 Jul 2018 12:52

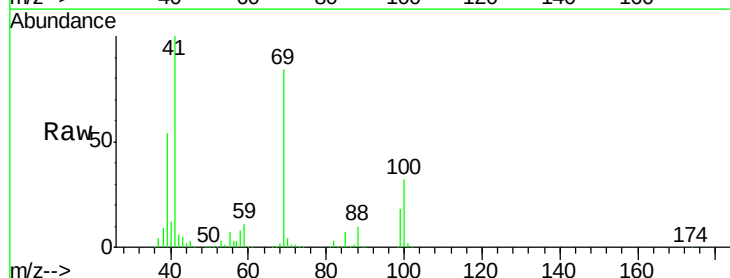
Tgt Ion: 41 Resp: 181547

Ion Ratio Lower Upper

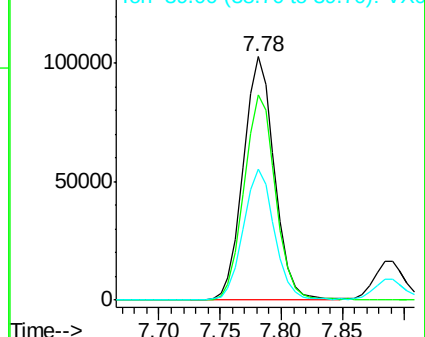
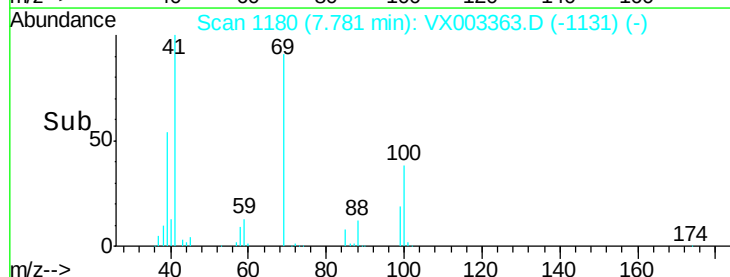
41 100

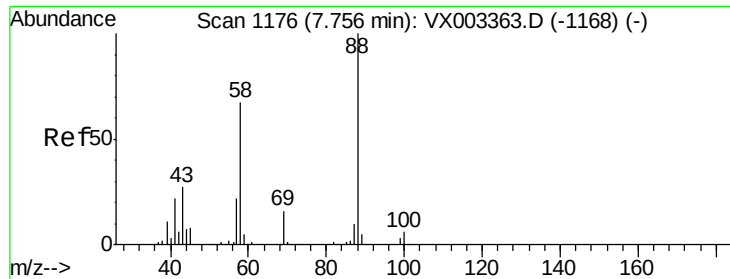
69 85.7 59.1 88.7

39 53.4 48.9 73.3



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

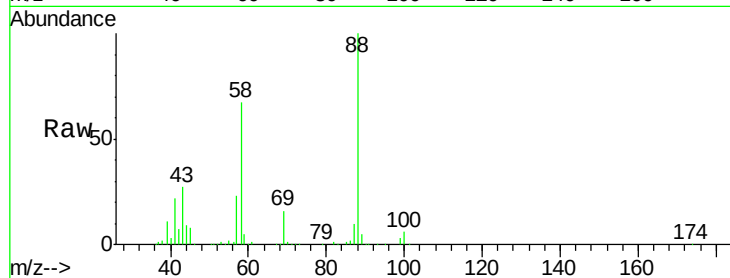




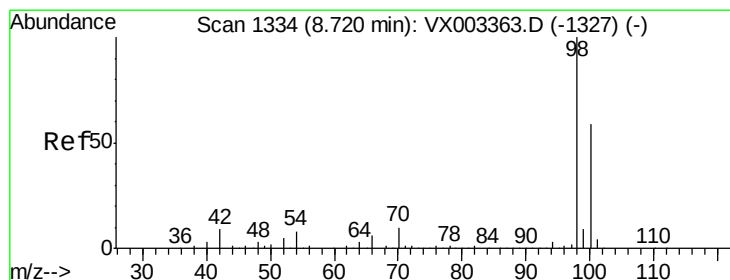
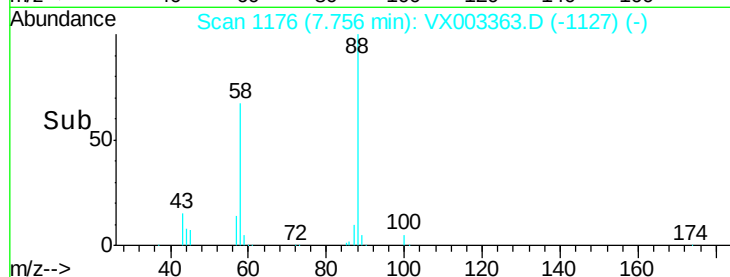
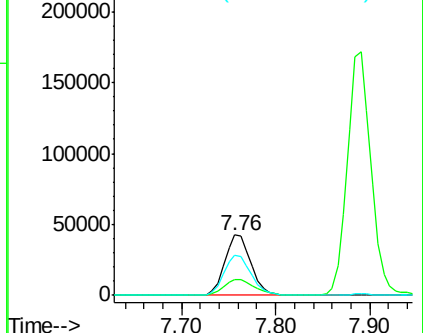
#49
1,4-Dioxane
Concen: 1034.489 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 81538
Ion Ratio Lower Upper
88 100
43 31.4 29.8 44.6
58 70.2 57.1 85.7

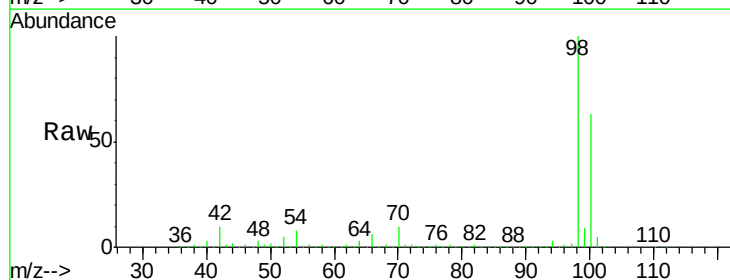


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

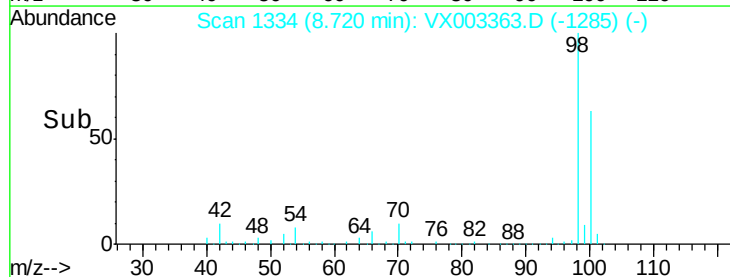
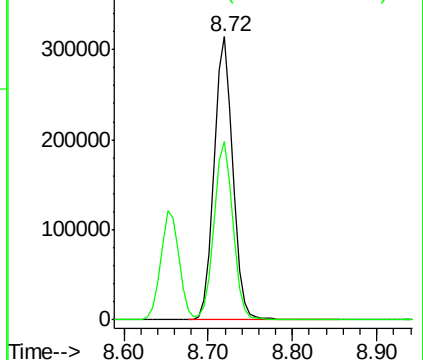


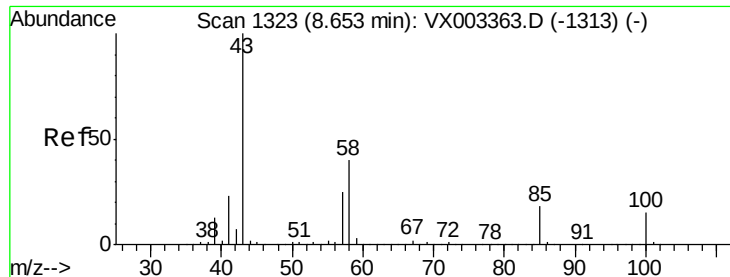
#50
Toluene-d8
Concen: 51.873 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

Tgt Ion: 98 Resp: 485363
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



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

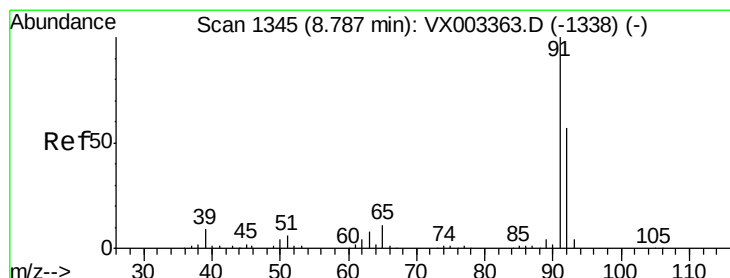
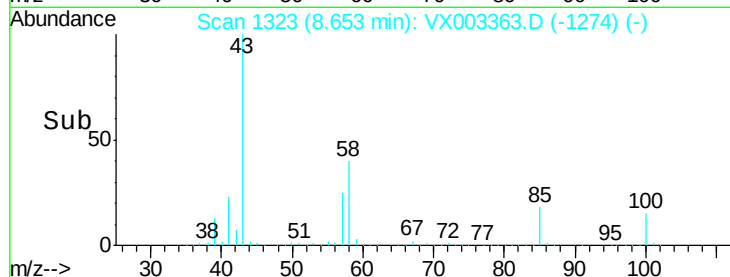
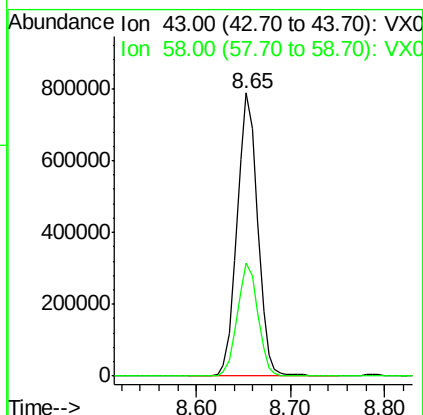
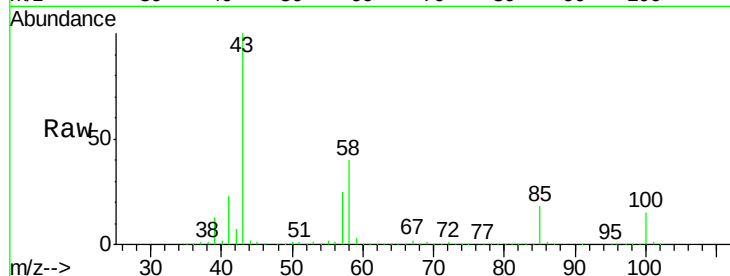




#51
 4-Methyl-2-Pentanone
 Concen: 258.367 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX003363.D
 Acq: 13 Jul 2018 12:52

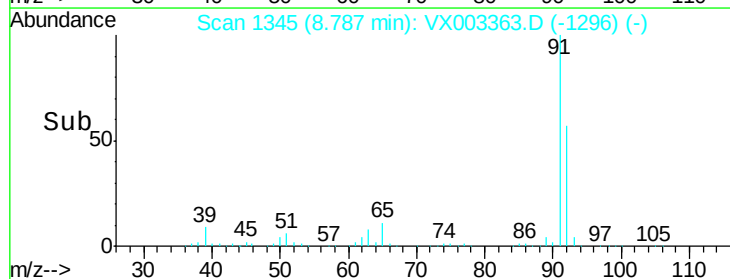
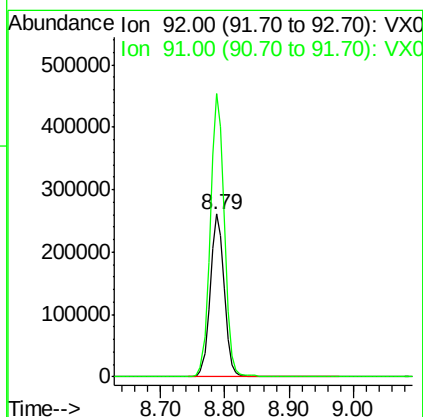
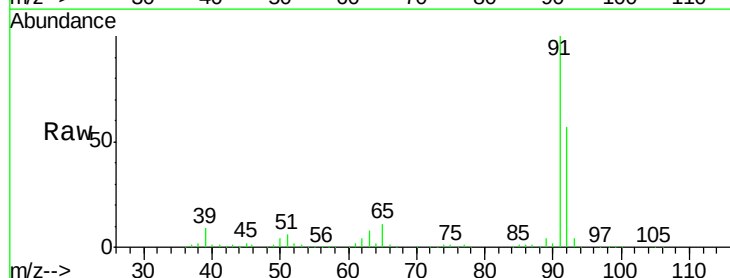
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

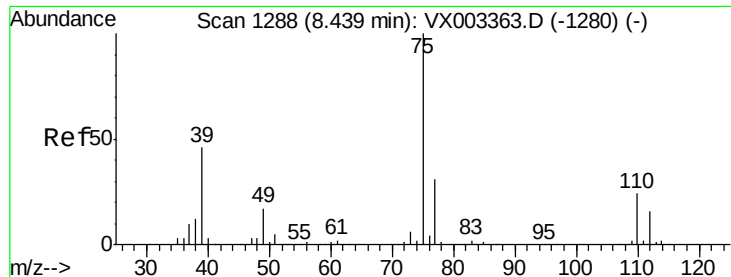
Tgt Ion: 43 Resp: 1195176
 Ion Ratio Lower Upper
 43 100
 58 39.7 28.6 42.8



#52
 Toluene
 Concen: 48.751 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VX003363.D
 Acq: 13 Jul 2018 12:52

Tgt Ion: 92 Resp: 398713
 Ion Ratio Lower Upper
 92 100
 91 174.4 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 51.639 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003363.D

Acq: 13 Jul 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

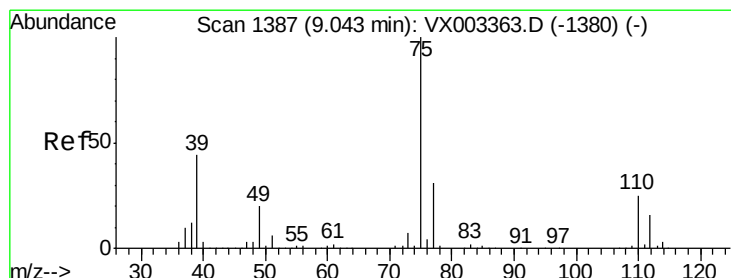
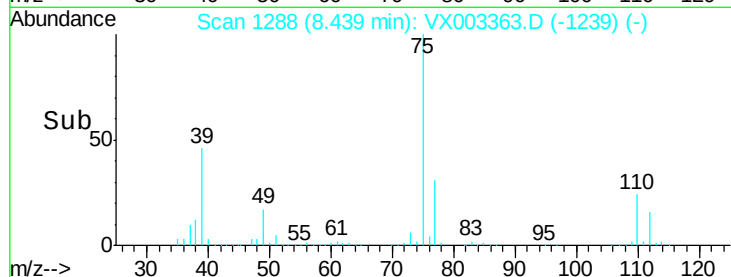
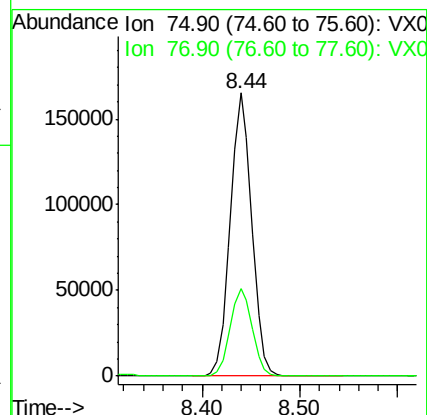
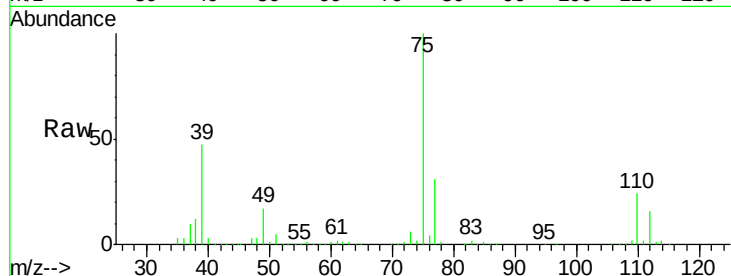
VSTDICCC050

Tgt Ion: 75 Resp: 251733

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 52.301 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX003363.D

Acq: 13 Jul 2018 12:52

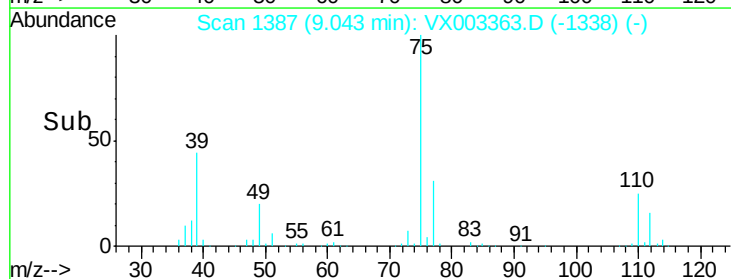
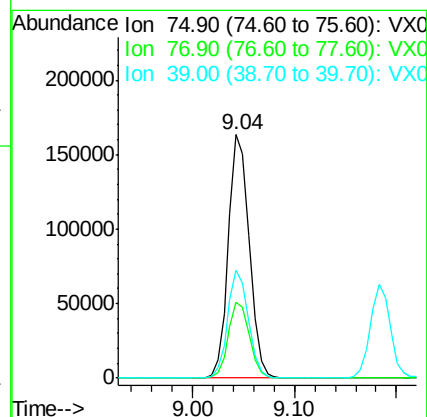
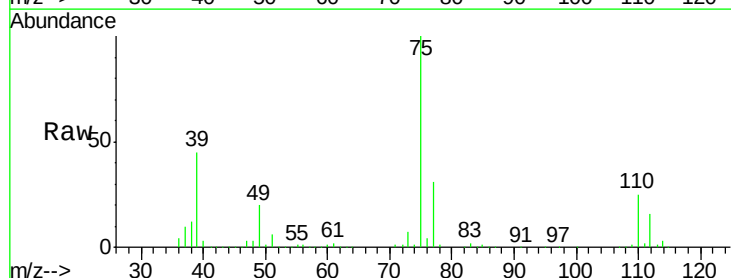
Tgt Ion: 75 Resp: 232903

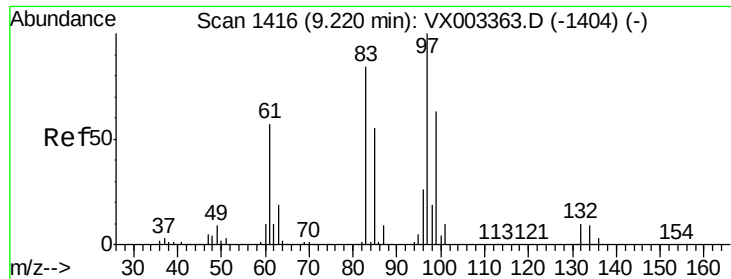
Ion Ratio Lower Upper

75 100

77 31.4 24.8 37.2

39 44.4 42.4 63.6

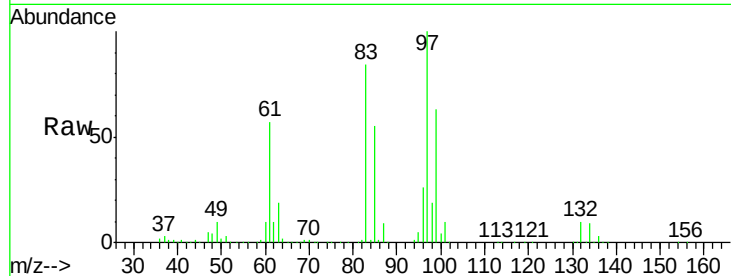




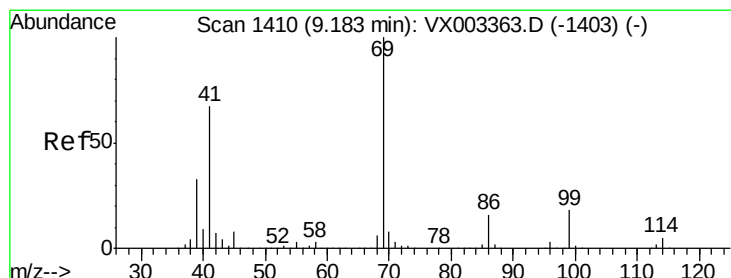
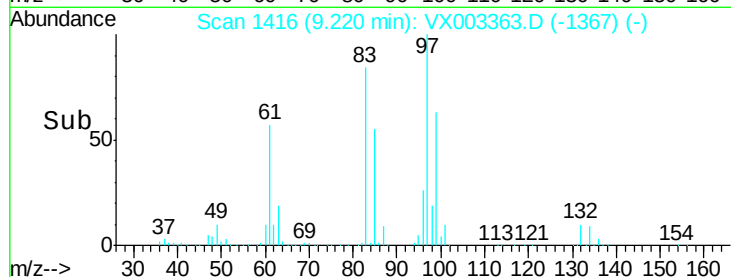
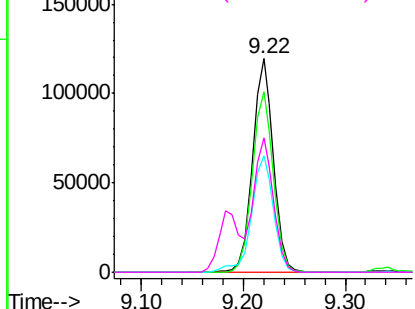
#55
 1,1,2-Trichloroethane
 Concen: 50.053 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003363.D
 Acq: 13 Jul 2018 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:	97	Resp:	170865
Ion	Ratio	Lower	Upper
97	100		
83	84.5	70.2	105.2
85	54.5	44.9	67.3
99	62.6	49.8	74.8

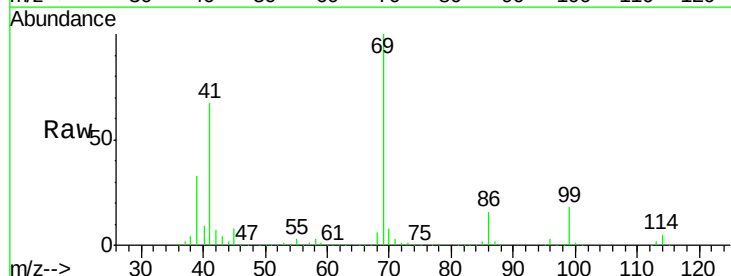


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

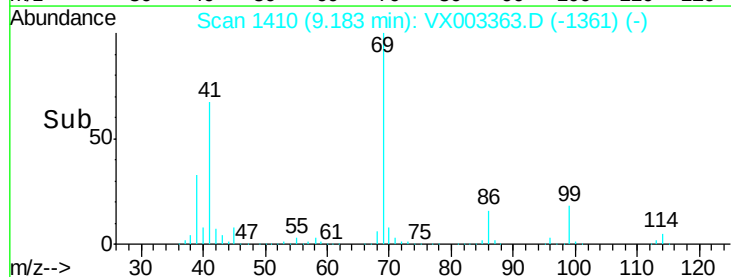
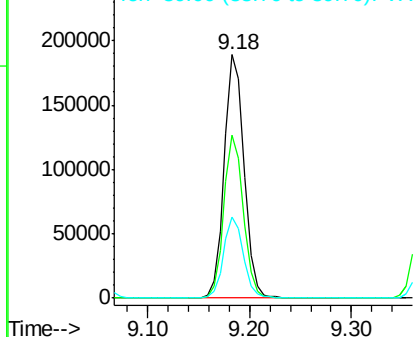


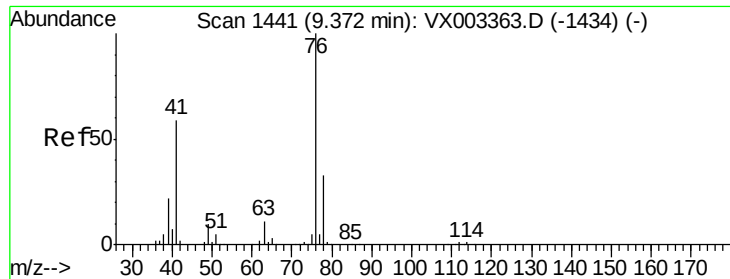
#56
 Ethyl methacrylate
 Concen: 52.441 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003363.D
 Acq: 13 Jul 2018 12:52

Tgt Ion:	69	Resp:	255707
Ion	Ratio	Lower	Upper
69	100		
41	65.8	60.3	90.5
39	33.2	35.8	53.8#



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

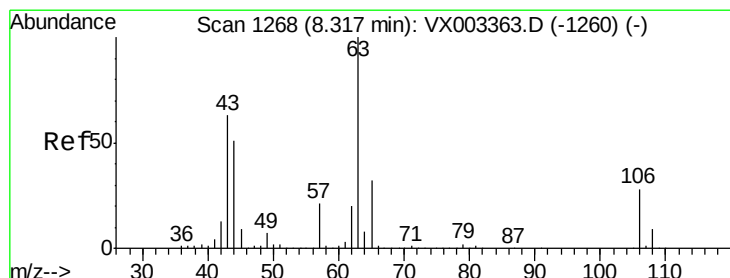
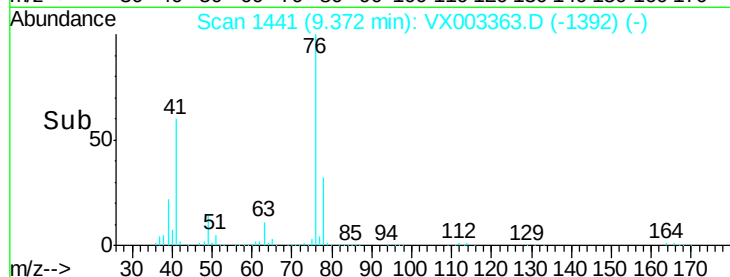
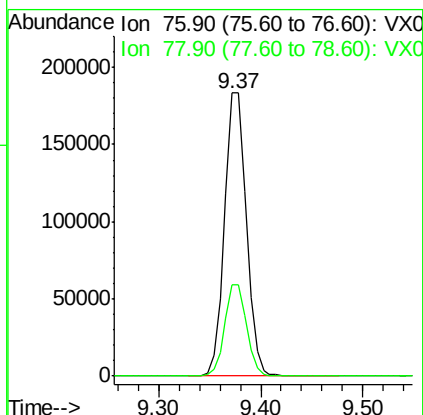
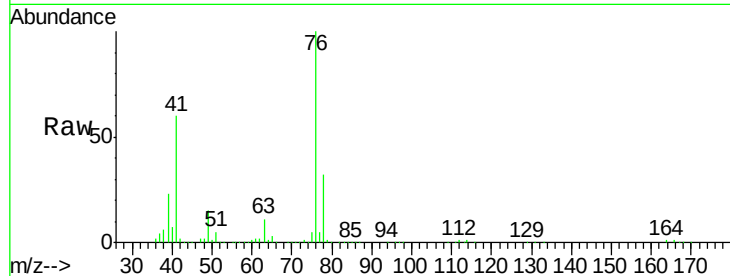




#57
 1,3-Dichloropropane
 Concen: 49.283 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003363.D
 Acq: 13 Jul 2018 12:52

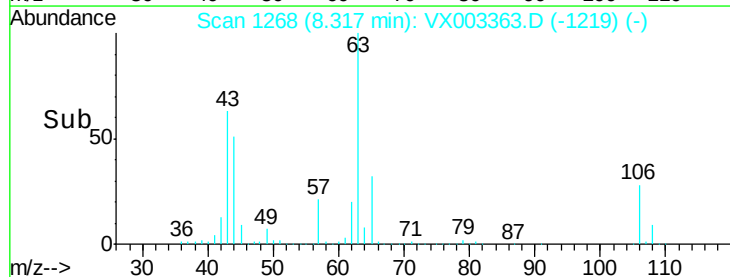
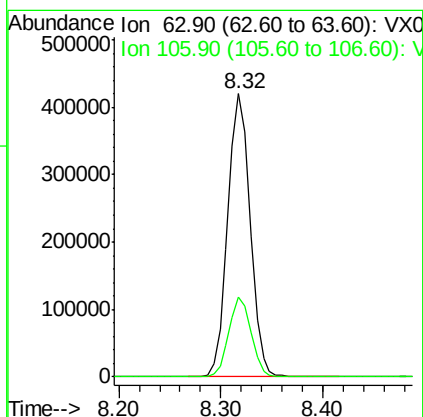
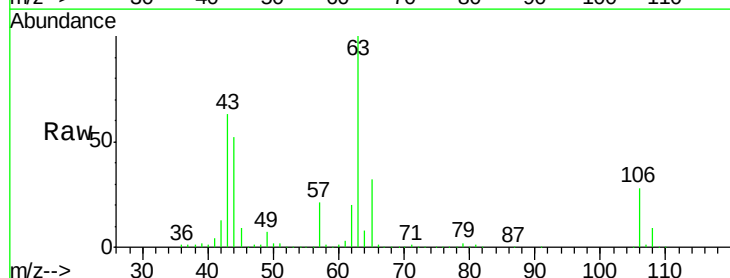
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

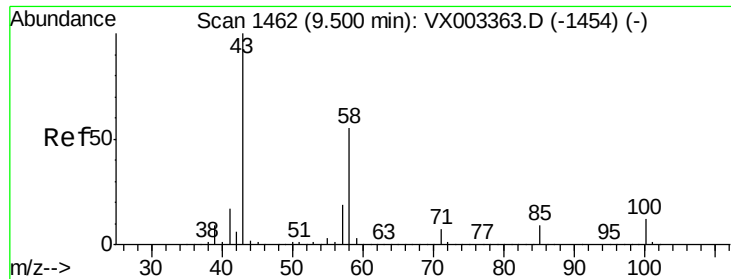
Tgt Ion: 76 Resp: 272678
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 269.342 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003363.D
 Acq: 13 Jul 2018 12:52

Tgt Ion: 63 Resp: 638199
 Ion Ratio Lower Upper
 63 100
 106 28.0 21.8 32.8

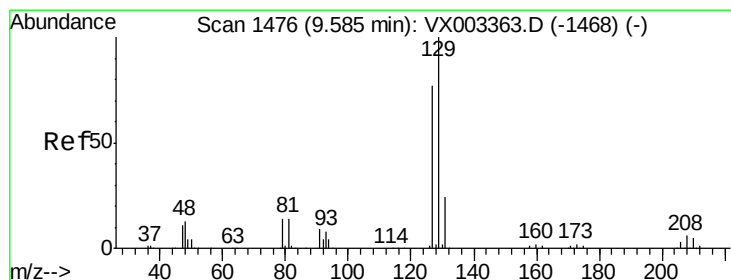
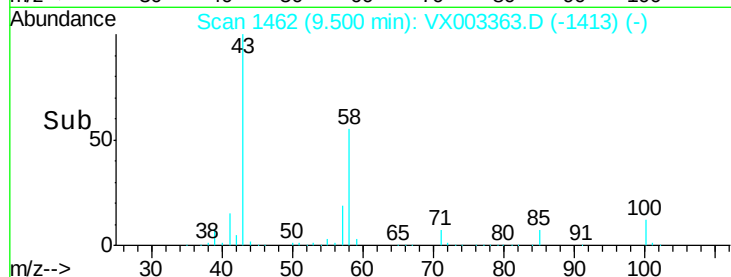
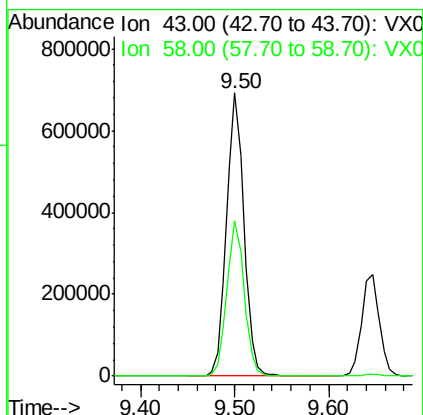
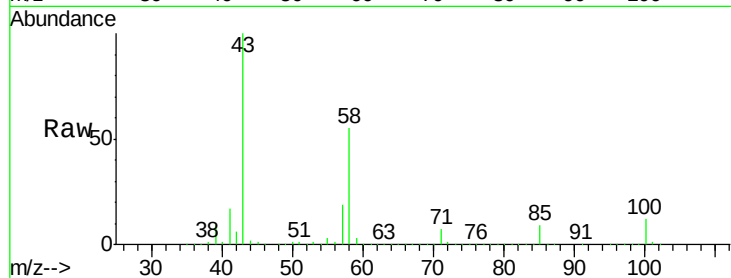




#59
2-Hexanone
Concen: 261.820 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

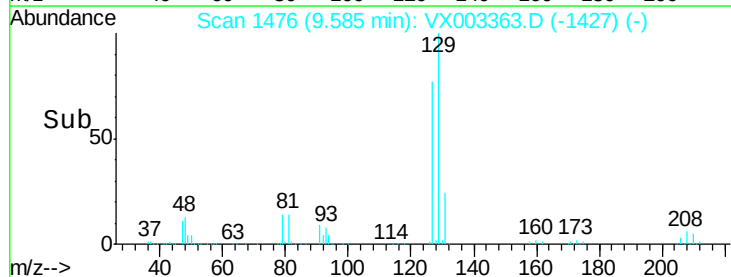
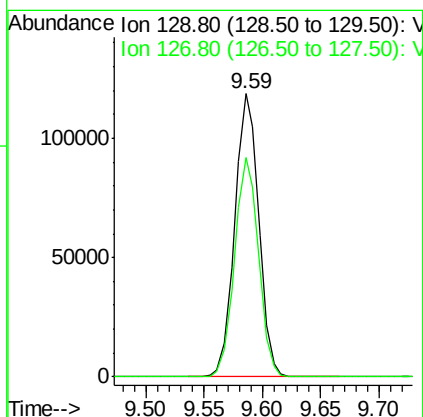
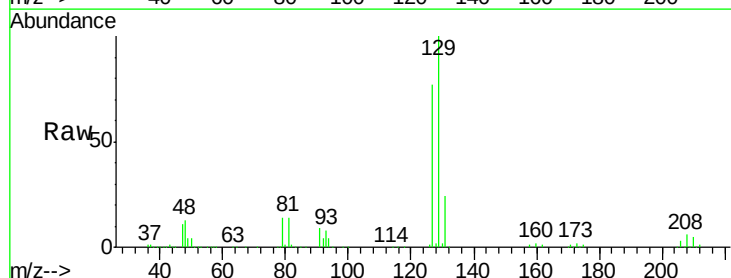
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

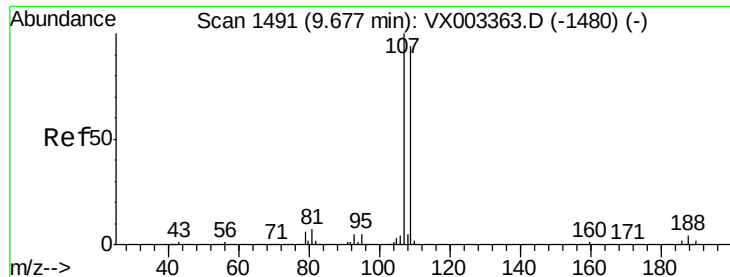
Tgt Ion: 43 Resp: 893318
Ion Ratio Lower Upper
43 100
58 55.0 24.6 73.6



#60
Dibromochloromethane
Concen: 51.375 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

Tgt Ion: 129 Resp: 170242
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 50.008 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003363.D

Acq: 13 Jul 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

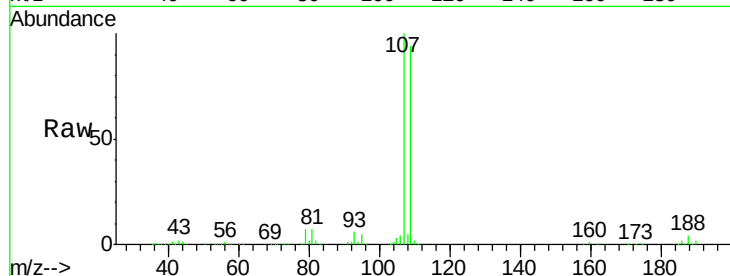
VSTDICCC050

Tgt Ion: 107 Resp: 172135

Ion Ratio Lower Upper

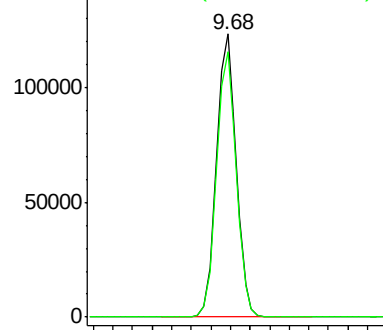
107 100

109 94.0 75.3 112.9

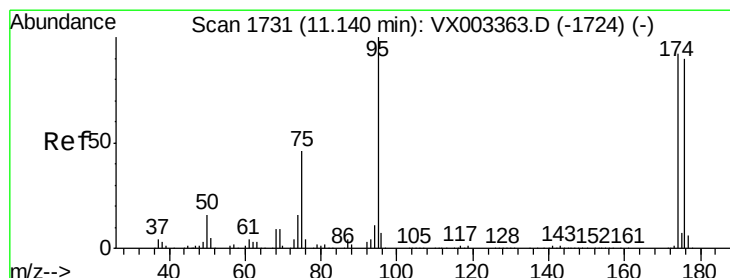
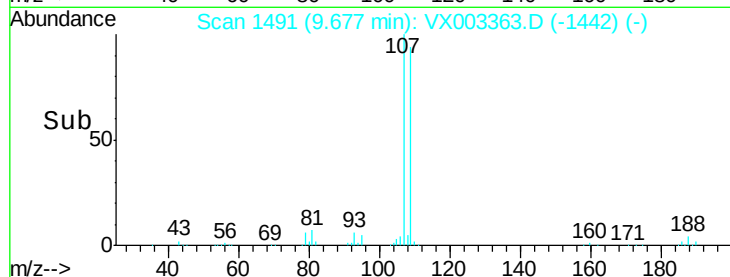


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 50.852 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003363.D

Acq: 13 Jul 2018 12:52

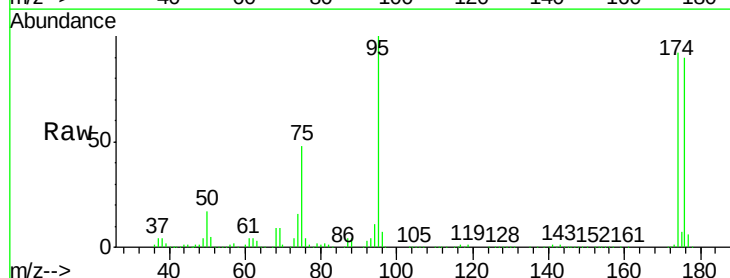
Tgt Ion: 95 Resp: 202172

Ion Ratio Lower Upper

95 100

174 94.9 0.0 187.4

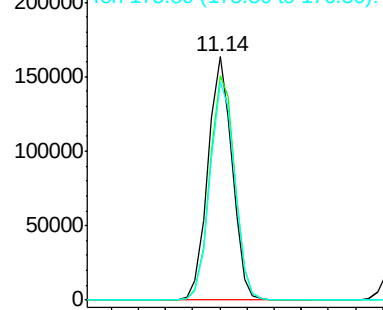
176 91.7 0.0 181.0



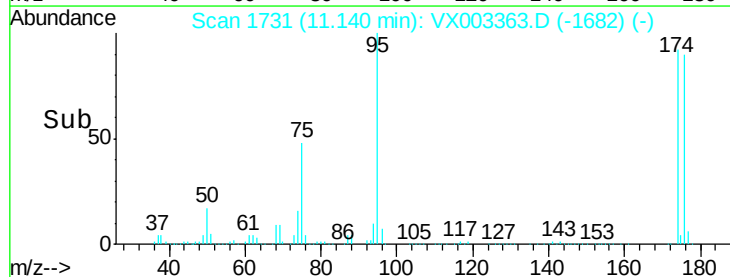
Abundance Ion 94.90 (94.60 to 95.60): VX0

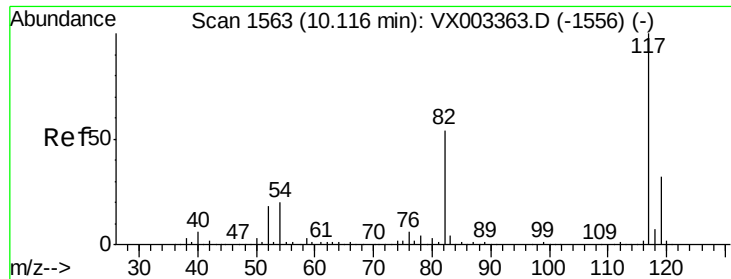
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

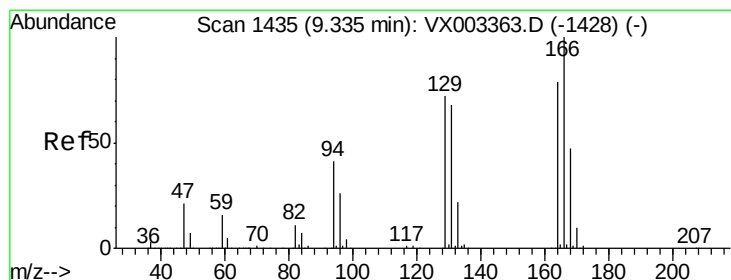
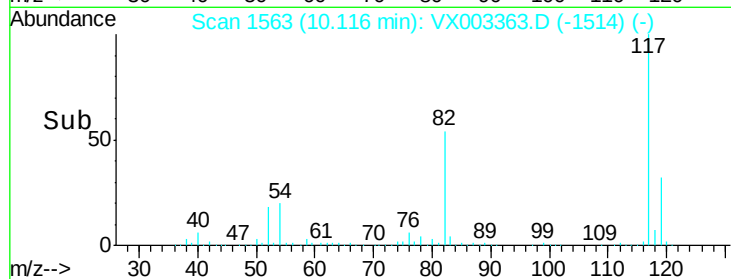
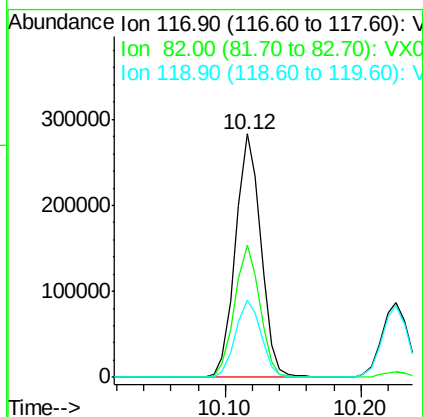
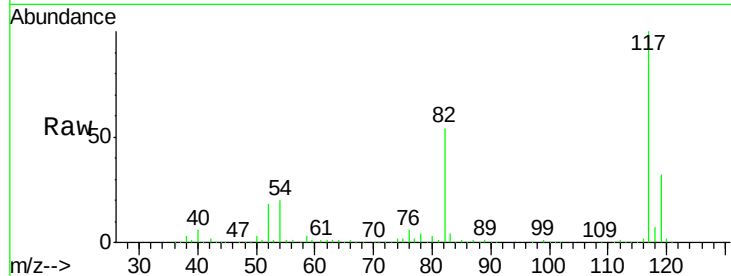




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

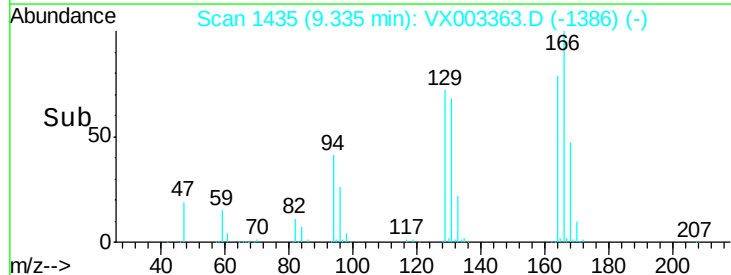
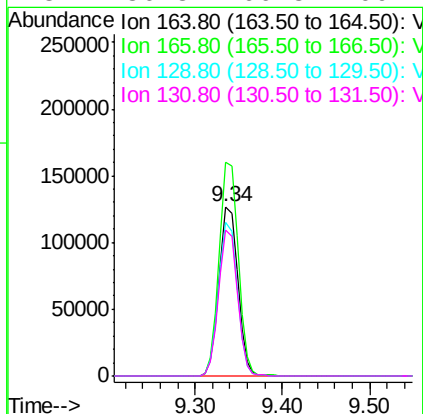
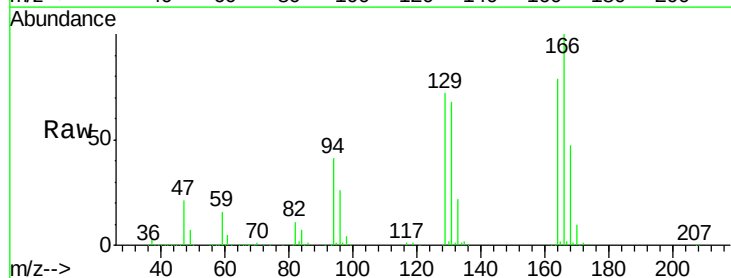
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

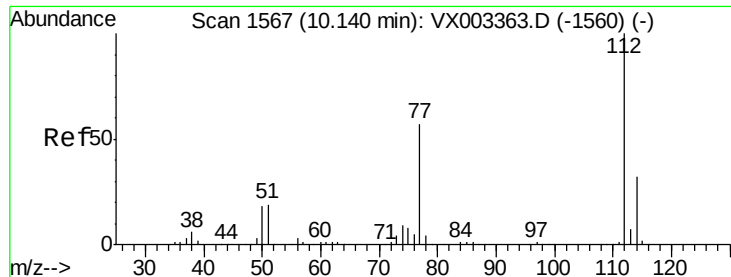
Tgt Ion:117 Resp: 368091
Ion Ratio Lower Upper
117 100
82 54.2 45.0 67.4
119 31.8 25.8 38.6



#64
Tetrachloroethene
Concen: 47.412 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

Tgt Ion:164 Resp: 188999
Ion Ratio Lower Upper
164 100
166 126.2 102.9 154.3
129 90.6 68.6 102.8
131 86.3 66.8 100.2

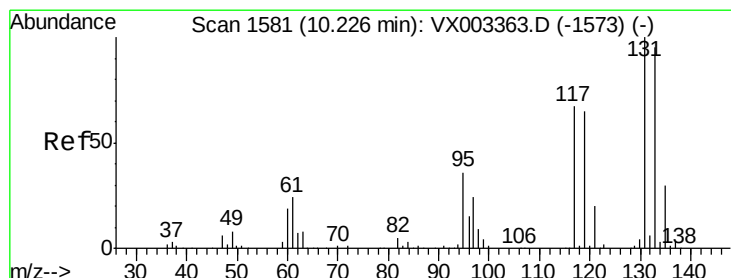
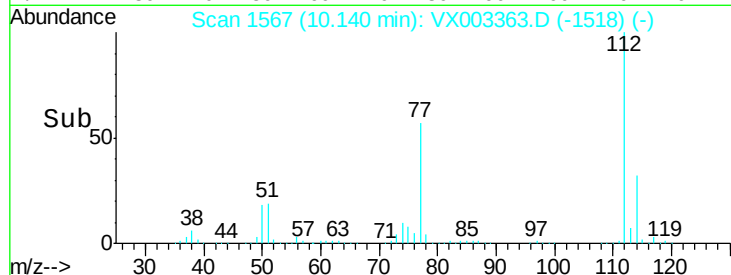
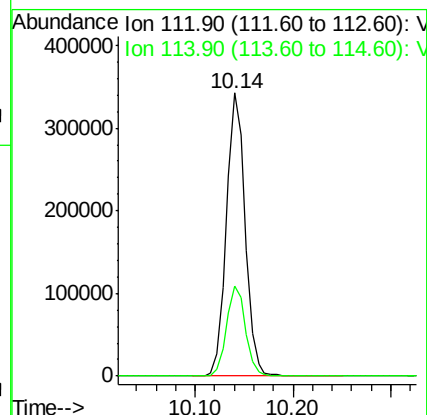
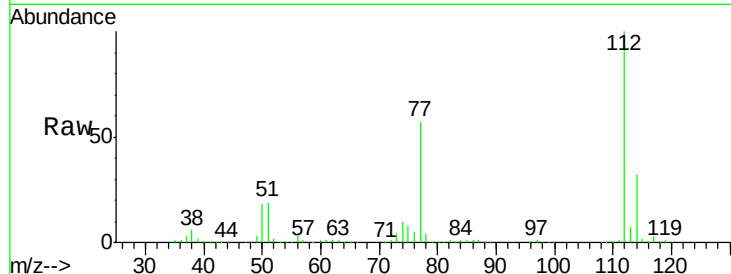




#65
Chlorobenzene
Concen: 48.261 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

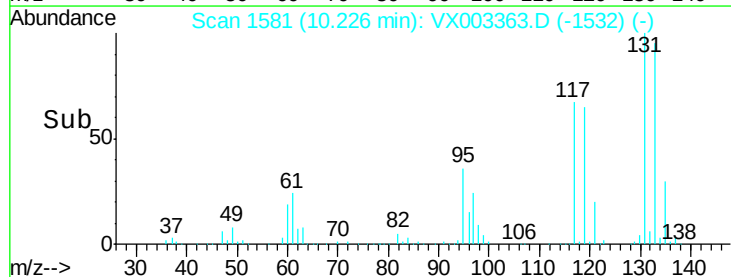
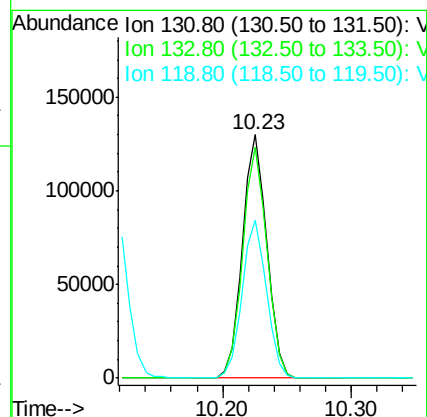
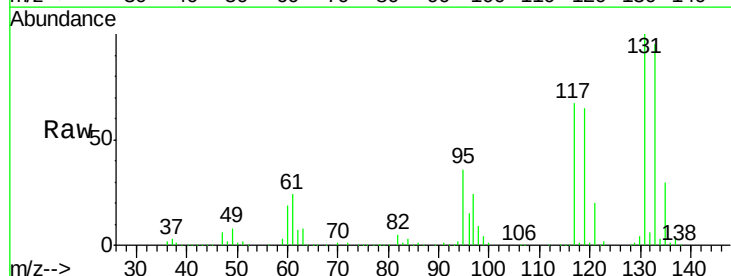
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

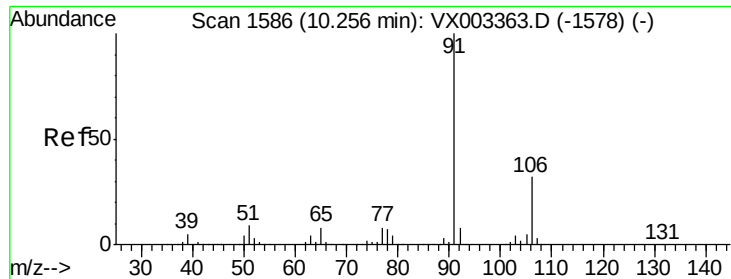
Tgt Ion:112 Resp: 456153
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.122 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

Tgt Ion:131 Resp: 170855
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.6
119 64.7 31.8 95.3

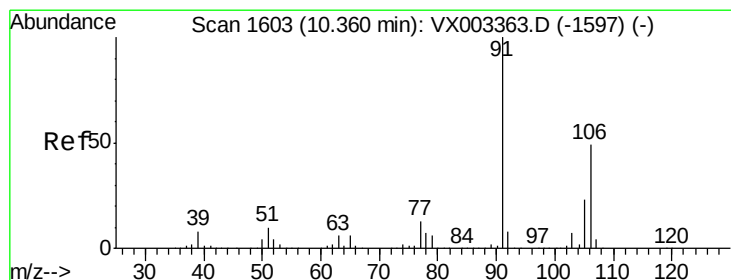
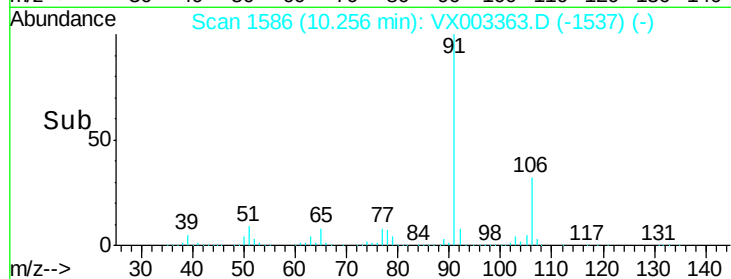
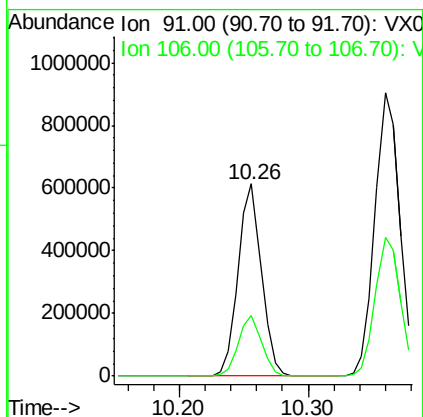
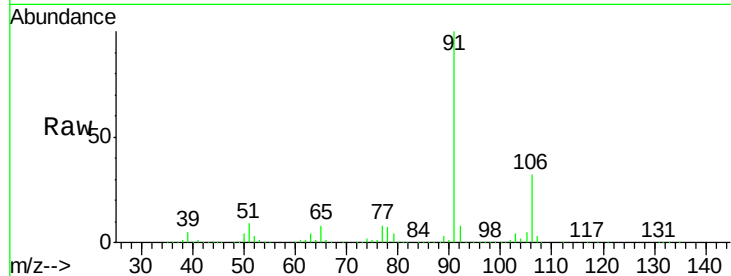




#67
Ethyl Benzene
Concen: 50.466 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

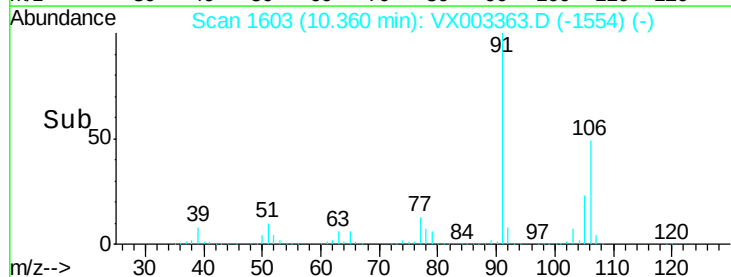
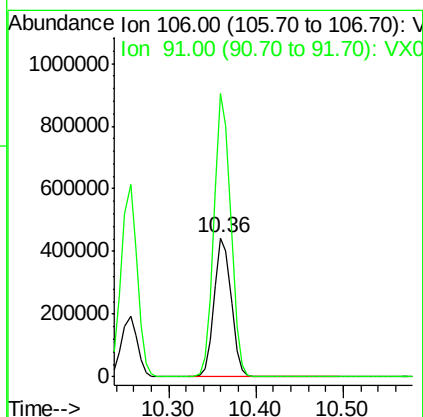
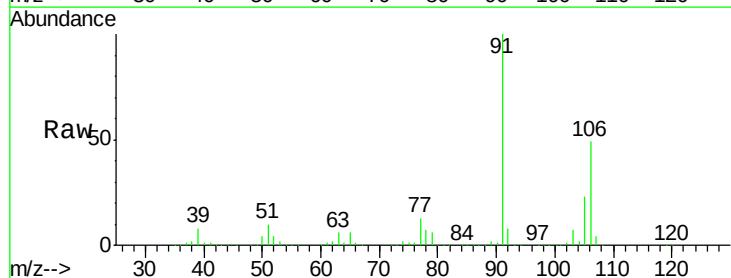
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

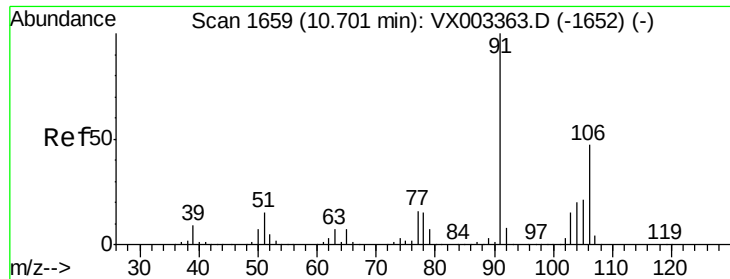
Tgt Ion: 91 Resp: 776249
Ion Ratio Lower Upper
91 100
106 31.6 25.5 38.3



#68
m/p-Xylenes
Concen: 100.939 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

Tgt Ion: 106 Resp: 598102
Ion Ratio Lower Upper
106 100
91 201.2 163.4 245.2

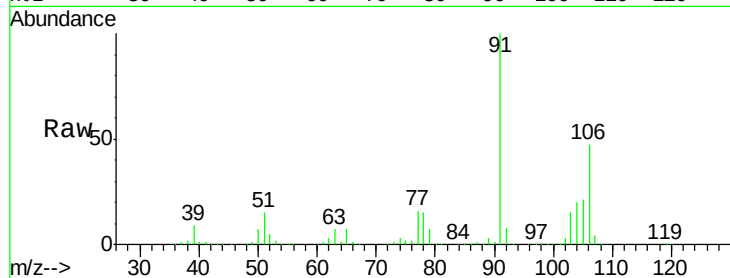




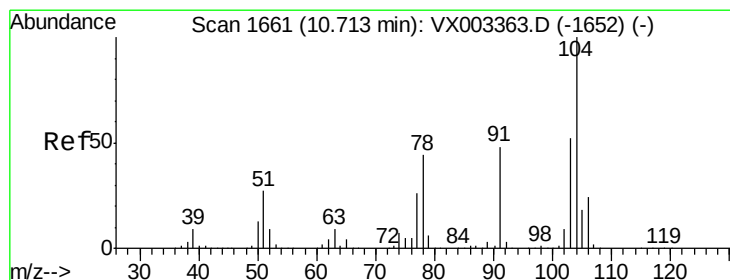
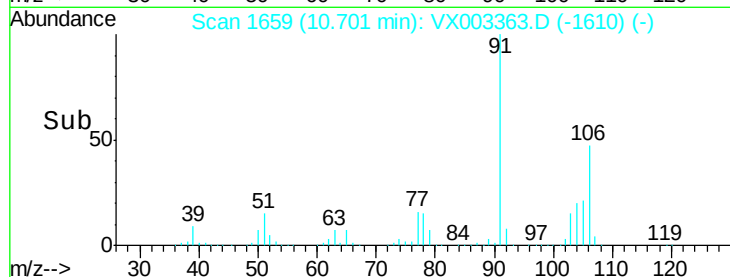
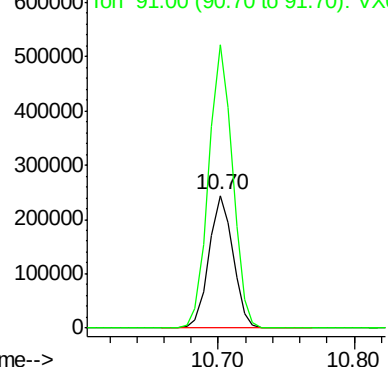
#69
o-Xylene
Concen: 52.018 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tgt Ion:106 Resp: 301044
Ion Ratio Lower Upper
106 100
91 212.5 108.2 324.6

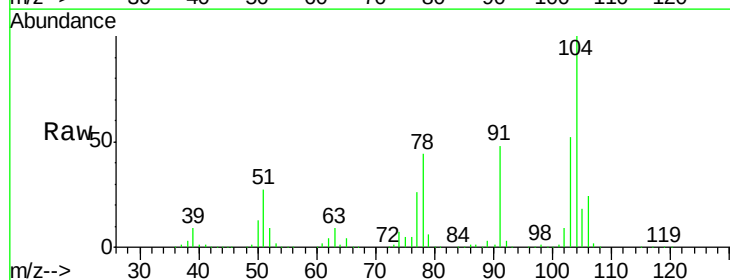


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

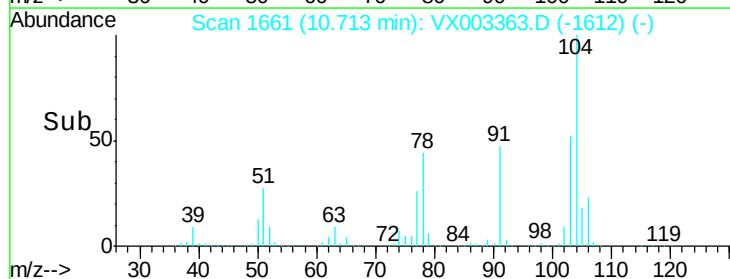
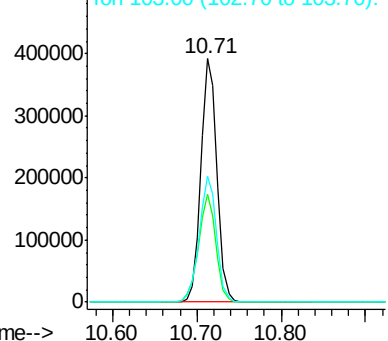


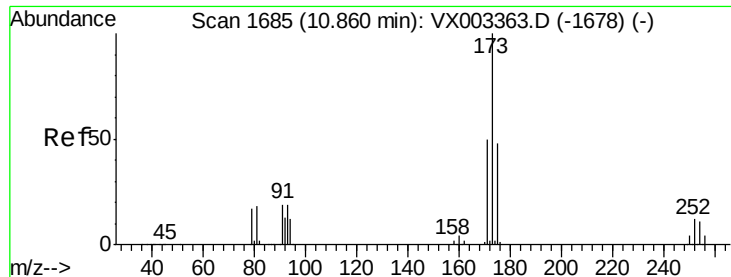
#70
Styrene
Concen: 52.984 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

Tgt Ion:104 Resp: 515317
Ion Ratio Lower Upper
104 100
78 47.6 41.0 61.6
103 55.5 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 53.737 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003363.D

Acq: 13 Jul 2018 12:52

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

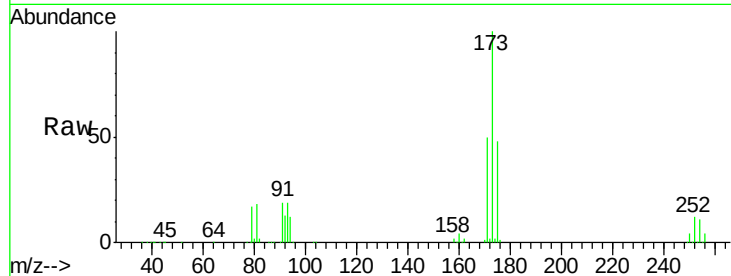
Tgt Ion:173 Resp: 137492

Ion Ratio Lower Upper

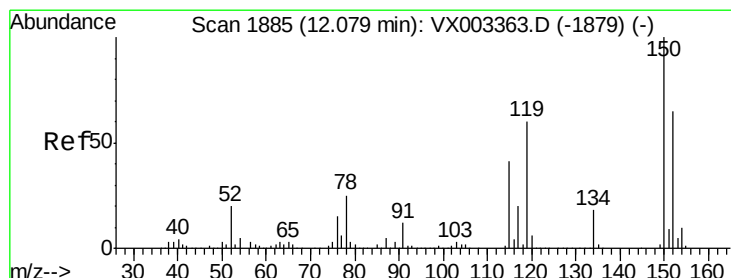
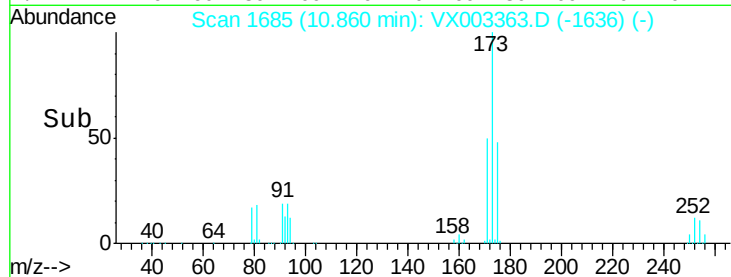
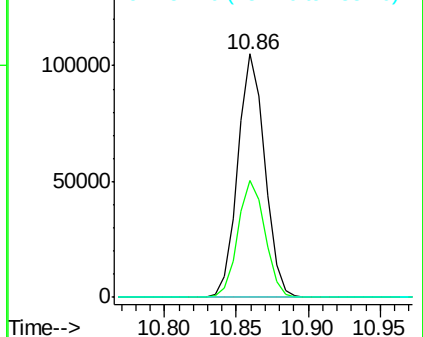
173 100

175 48.3 24.7 74.1

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003363.D

Acq: 13 Jul 2018 12:52

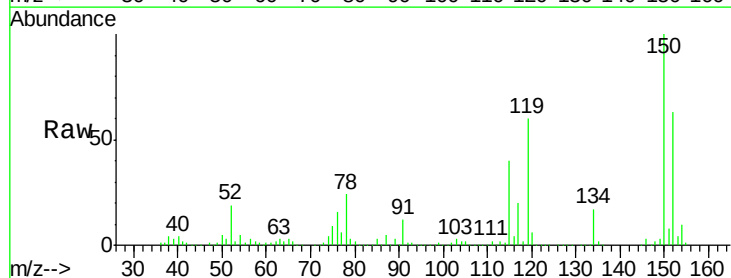
Tgt Ion:152 Resp: 230494

Ion Ratio Lower Upper

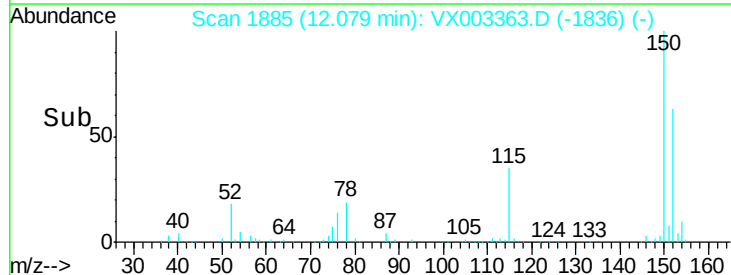
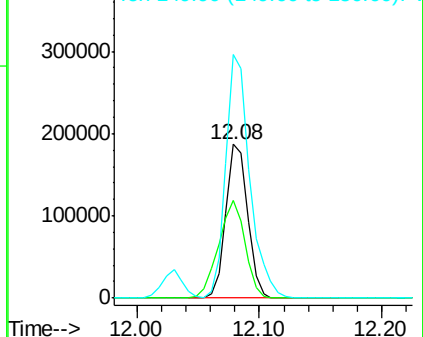
152 100

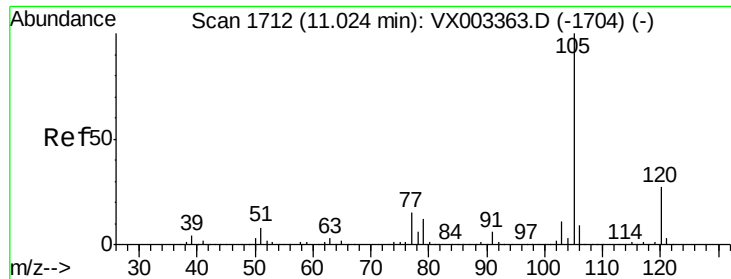
115 77.3 40.1 120.2

150 173.7 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.429 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003363.D

Acq: 13 Jul 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

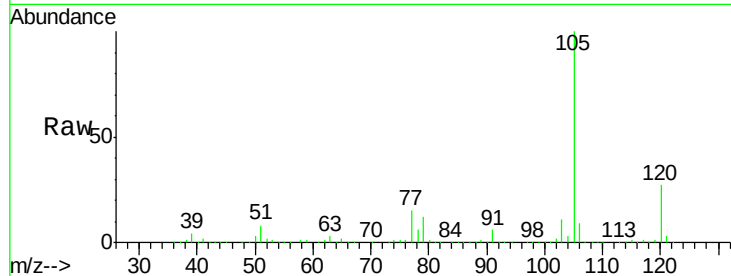
VSTDICCC050

Tgt Ion: 105 Resp: 803718

Ion Ratio Lower Upper

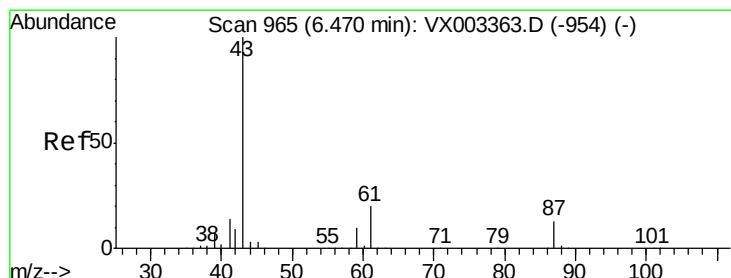
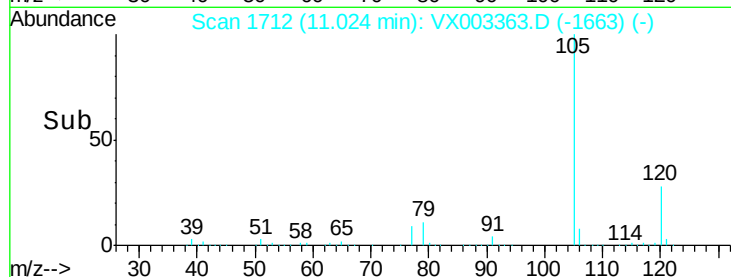
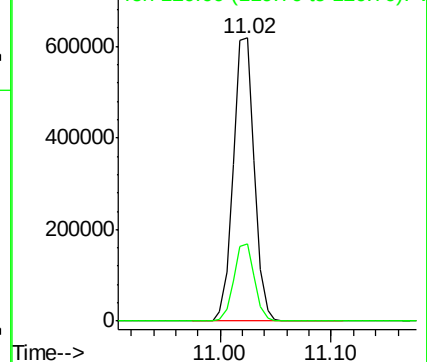
105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.670 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003363.D

Acq: 13 Jul 2018 12:52

Tgt Ion: 43 Resp: 352172

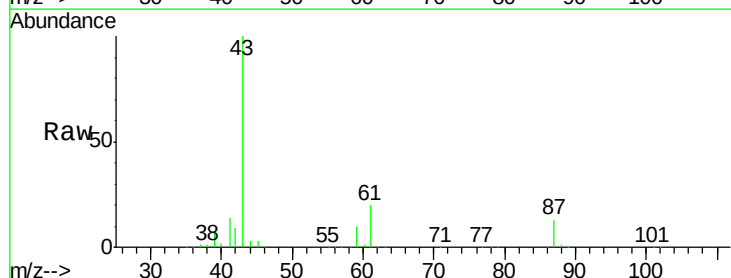
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 20.2 14.4 21.6

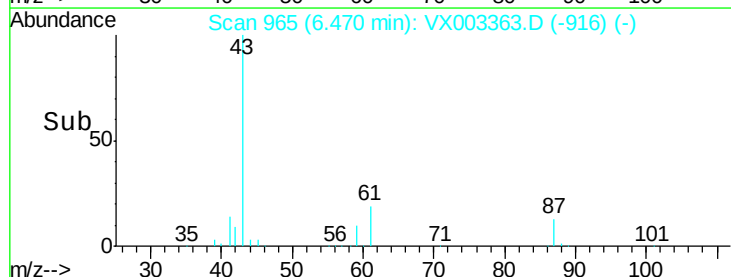
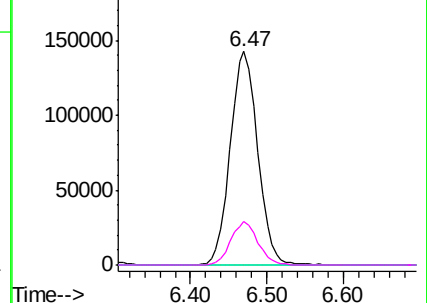


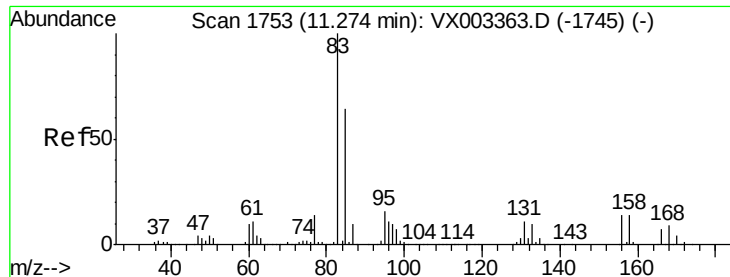
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.700 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003363.D

Acq: 13 Jul 2018 12:52

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

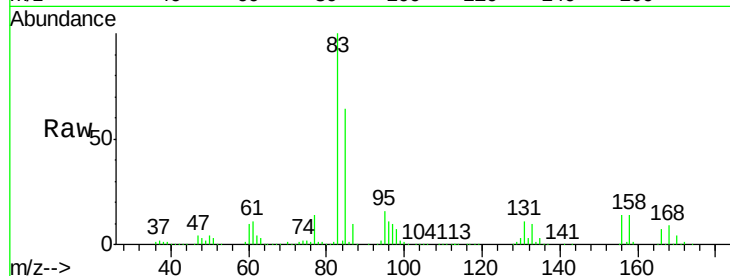
Tgt Ion: 83 Resp: 258588

Ion Ratio Lower Upper

83 100

131 10.5 5.6 16.8

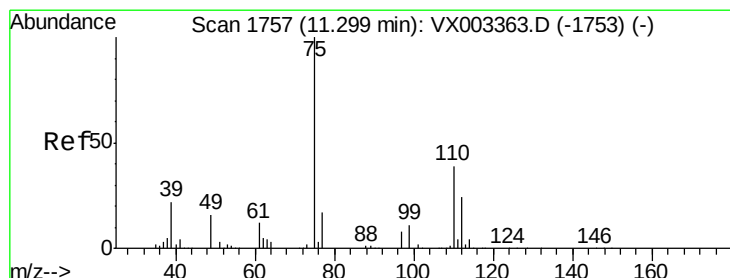
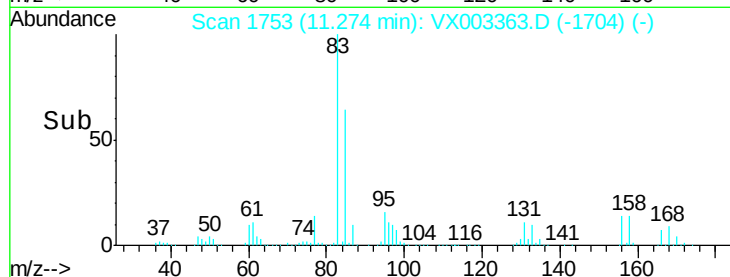
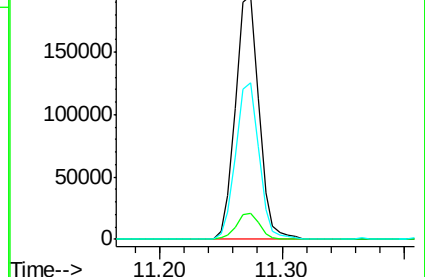
85 64.0 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.277 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003363.D

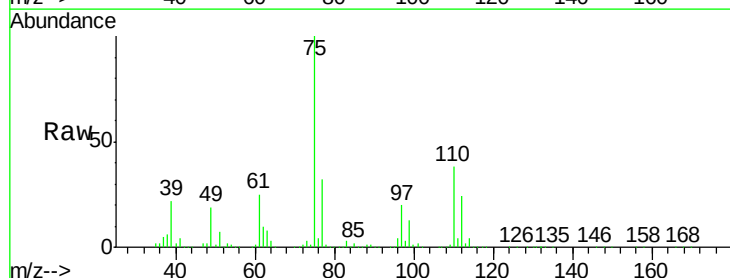
Acq: 13 Jul 2018 12:52

Tgt Ion: 75 Resp: 297250

Ion Ratio Lower Upper

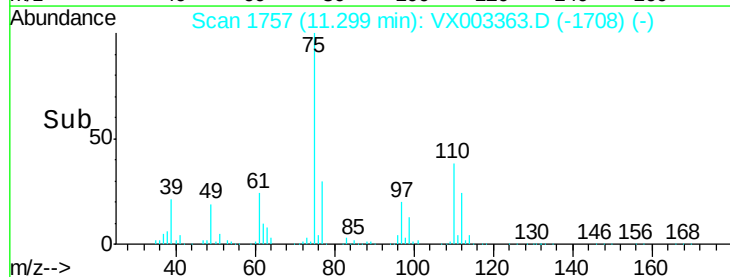
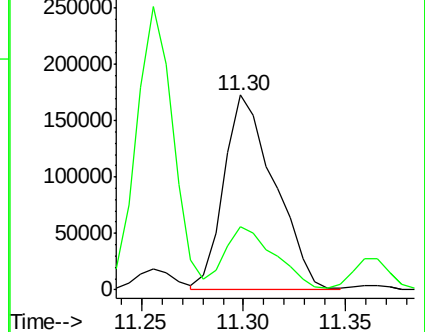
75 100

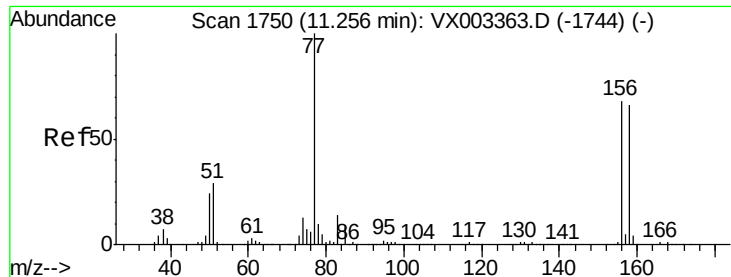
77 32.2 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.635 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003363.D

Acq: 13 Jul 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

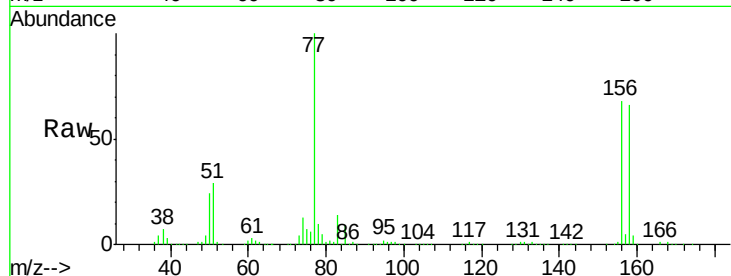
Tgt Ion:156 Resp: 223525

Ion Ratio Lower Upper

156 100

77 140.1 71.4 214.2

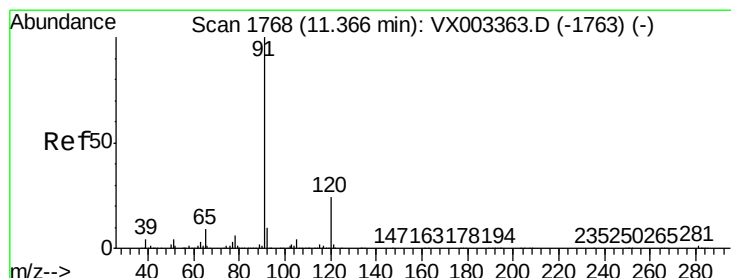
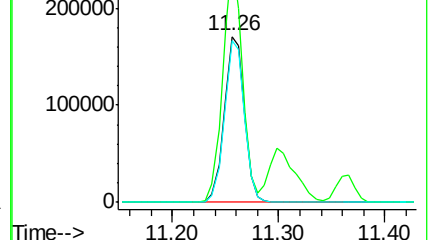
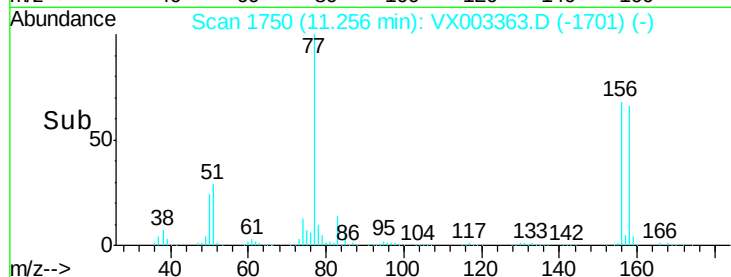
158 97.1 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.220 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003363.D

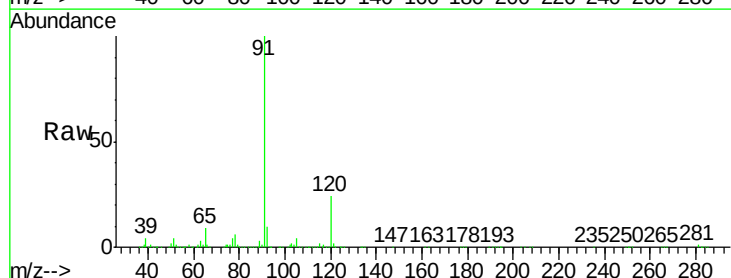
Acq: 13 Jul 2018 12:52

Tgt Ion: 91 Resp: 922698

Ion Ratio Lower Upper

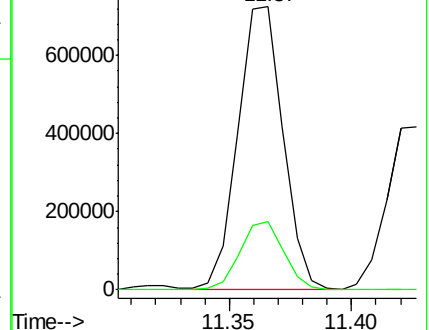
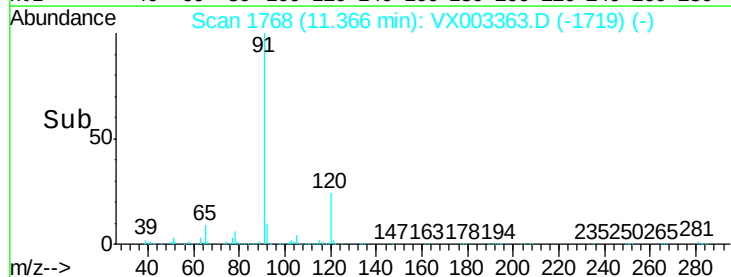
91 100

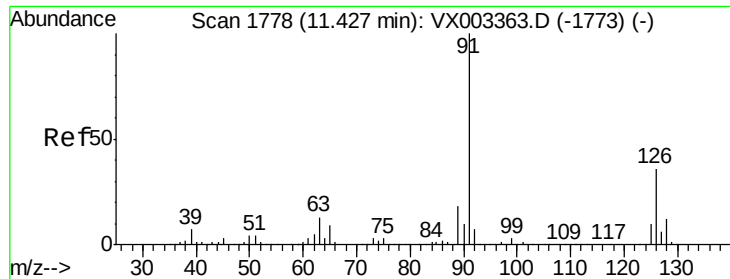
120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

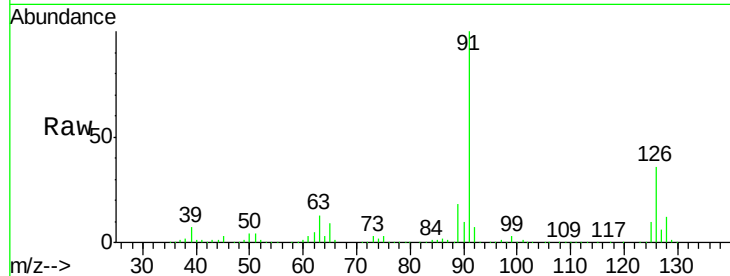




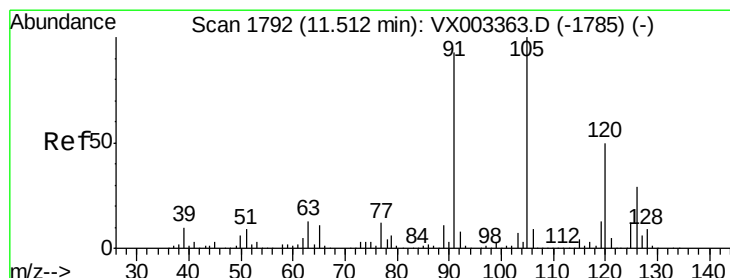
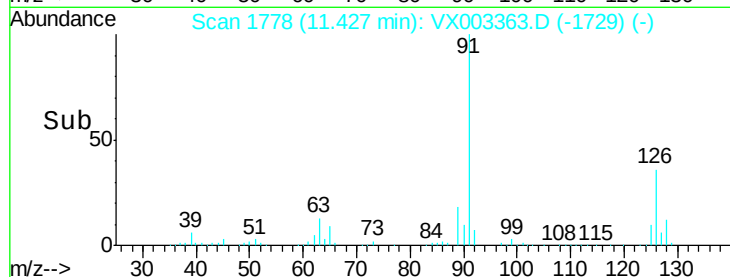
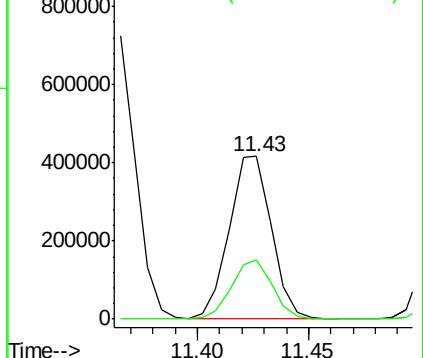
#79
 2-Chlorotoluene
 Concen: 49.111 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX003363.D
 Acq: 13 Jul 2018 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 91 Resp: 546472
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.7 53.1

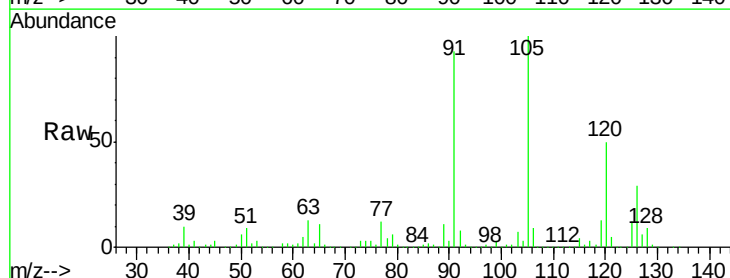


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

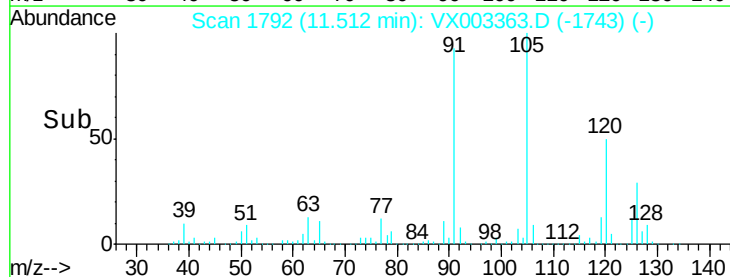
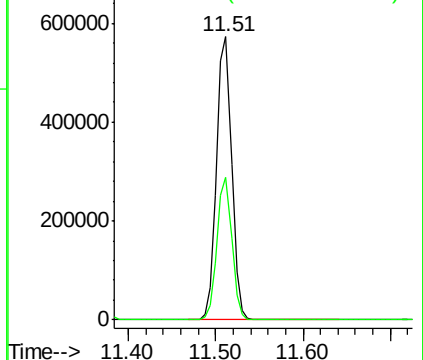


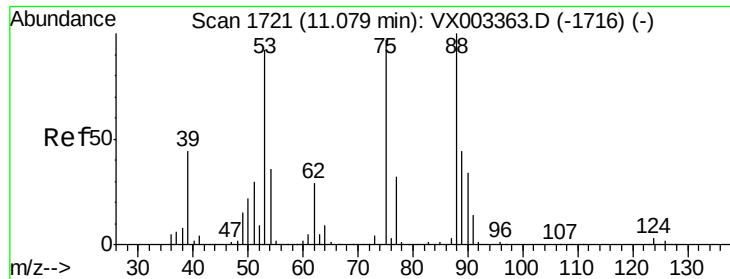
#80
 1,3,5-Trimethylbenzene
 Concen: 51.626 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003363.D
 Acq: 13 Jul 2018 12:52

Tgt Ion: 105 Resp: 681886
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 54.227 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003363.D

Acq: 13 Jul 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

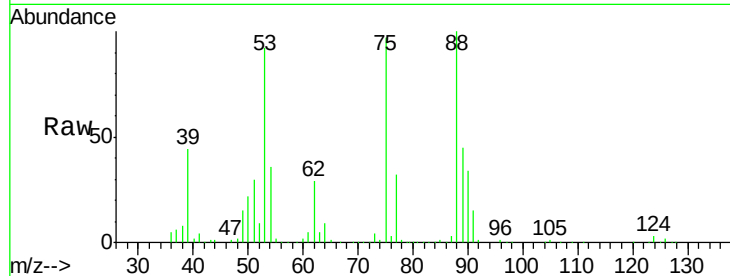
Tgt Ion: 75 Resp: 74064

Ion Ratio Lower Upper

75 100

53 97.4 86.8 130.2

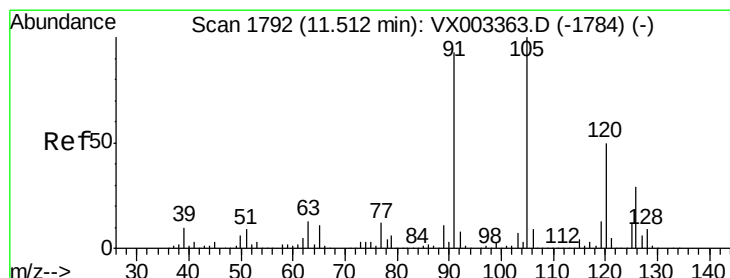
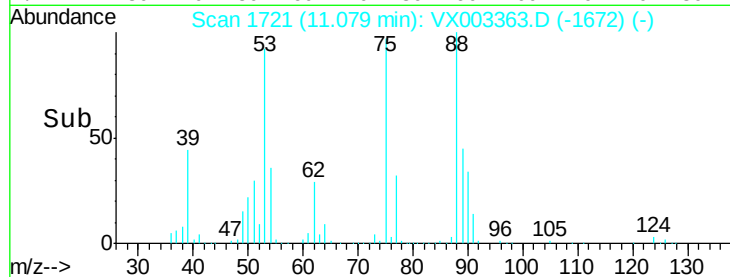
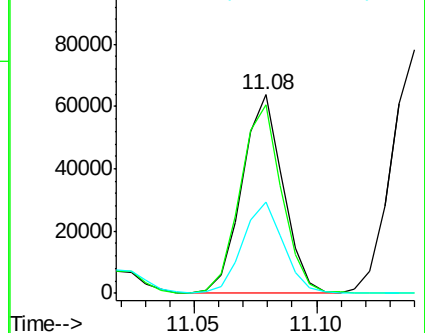
89 46.1 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.418 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003363.D

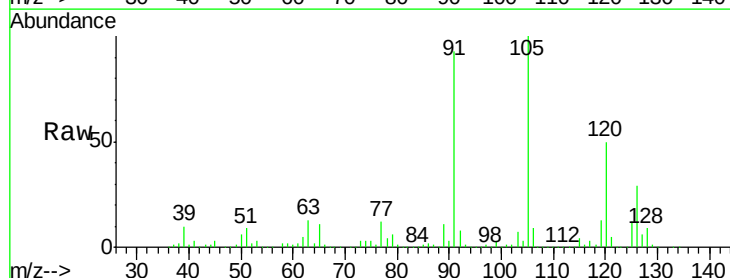
Acq: 13 Jul 2018 12:52

Tgt Ion: 91 Resp: 653595

Ion Ratio Lower Upper

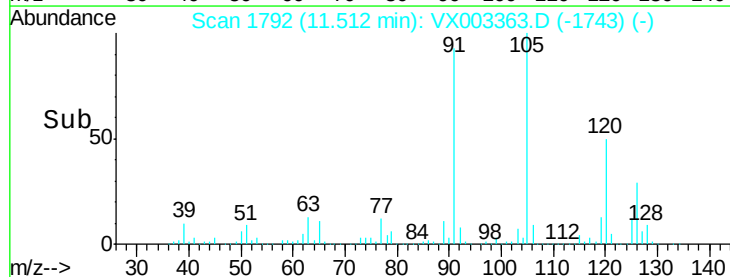
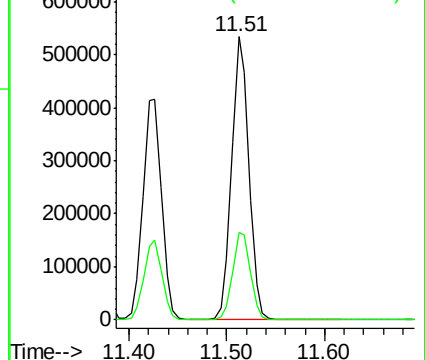
91 100

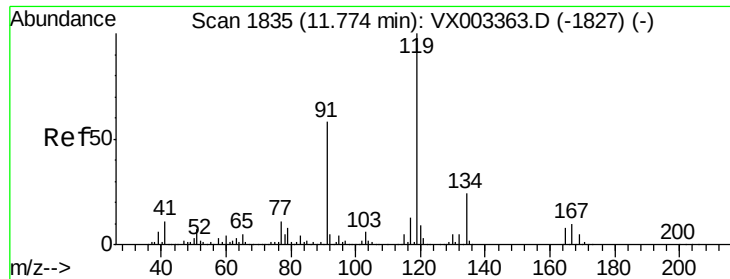
126 31.7 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

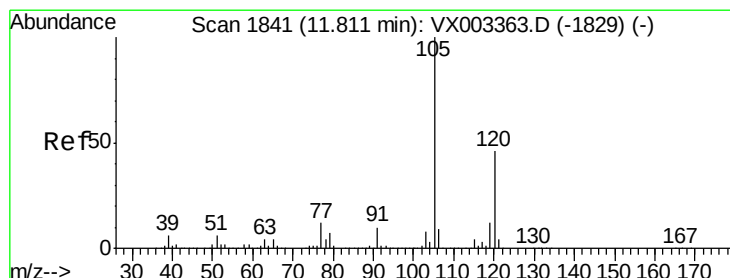
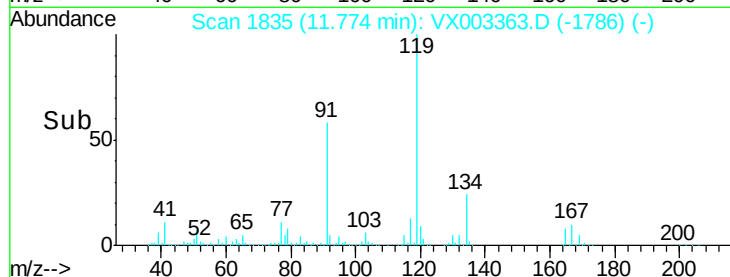
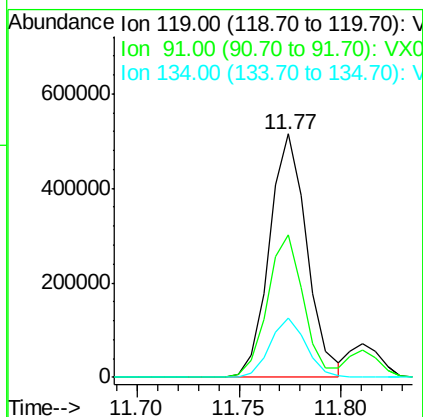
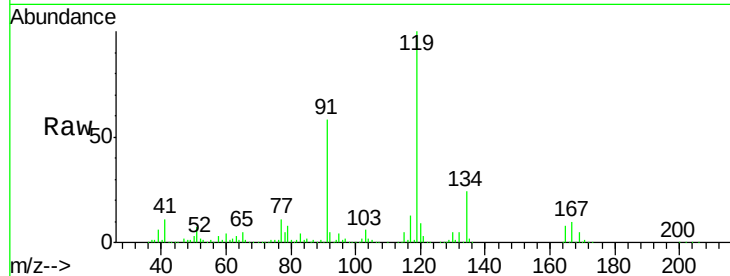




#83
 tert-Butylbenzene
 Concen: 50.407 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003363.D
 Acq: 13 Jul 2018 12:52

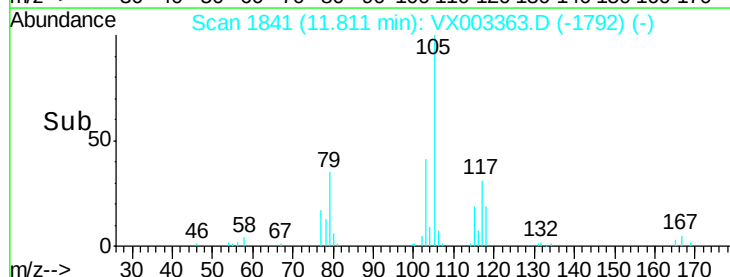
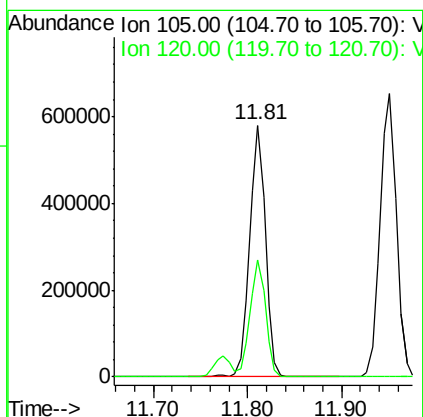
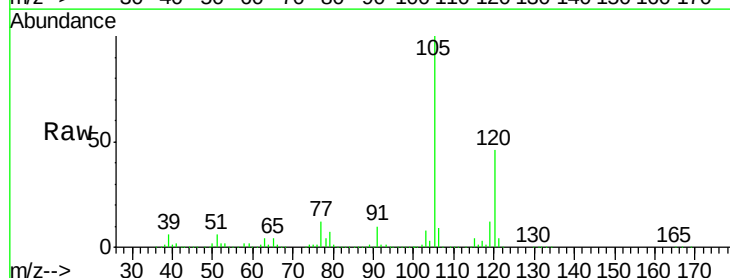
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

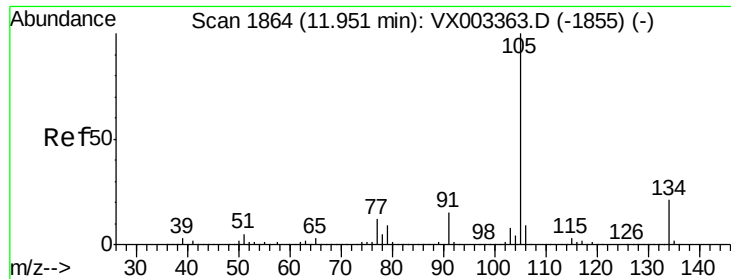
Tgt Ion:119 Resp: 659164
 Ion Ratio Lower Upper
 119 100
 91 56.6 30.3 90.9
 134 23.4 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.952 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003363.D
 Acq: 13 Jul 2018 12:52

Tgt Ion:105 Resp: 682679
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.3 66.8





#85

sec-Butylbenzene

Concen: 50.298 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003363.D

Acq: 13 Jul 2018 12:52

Instrument :

MSVOA_X

ClientSampleId :

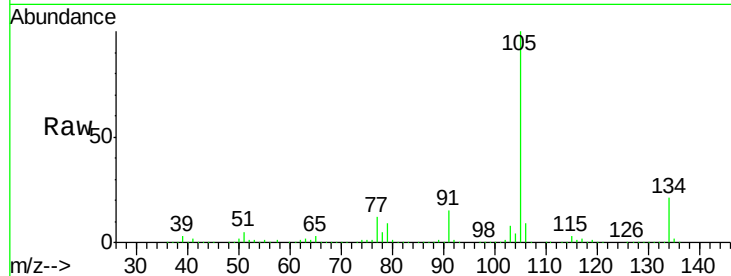
VSTDICCC050

Tgt Ion:105 Resp: 786124

Ion Ratio Lower Upper

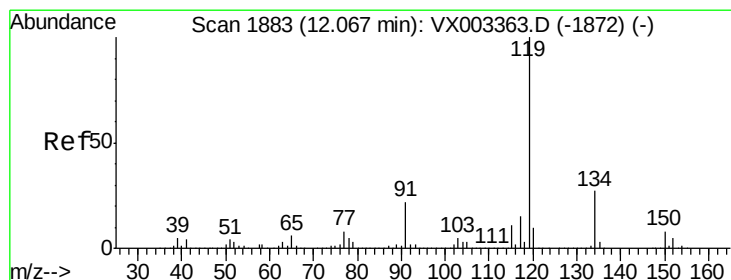
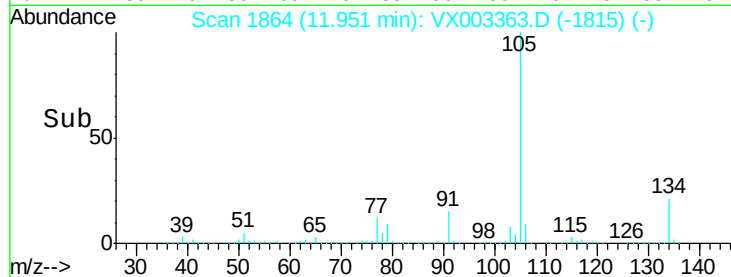
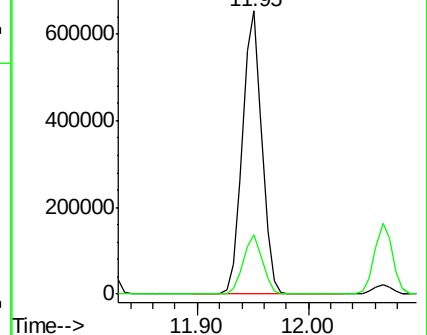
105 100

134 20.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.266 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003363.D

Acq: 13 Jul 2018 12:52

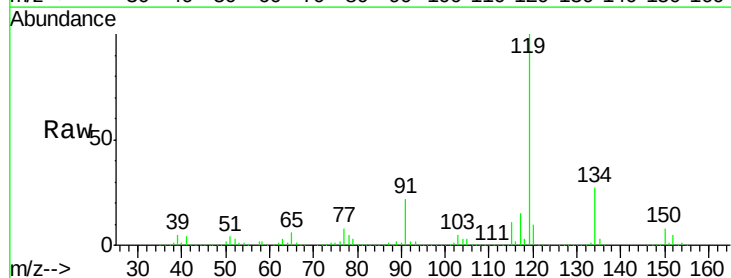
Tgt Ion:119 Resp: 702850

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

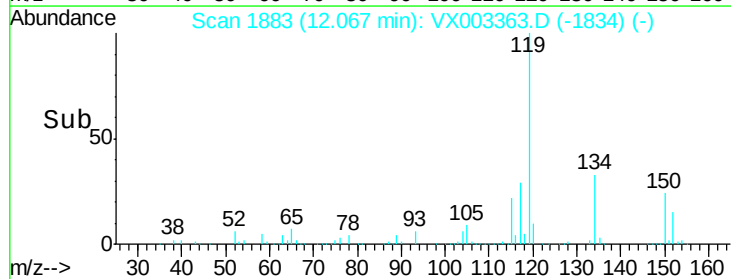
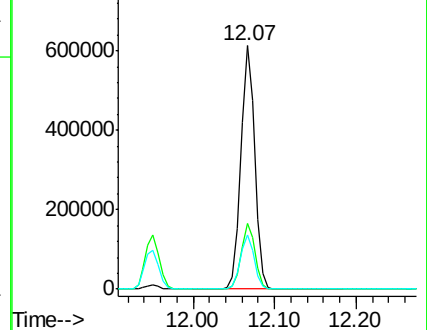
91 22.2 11.9 35.7

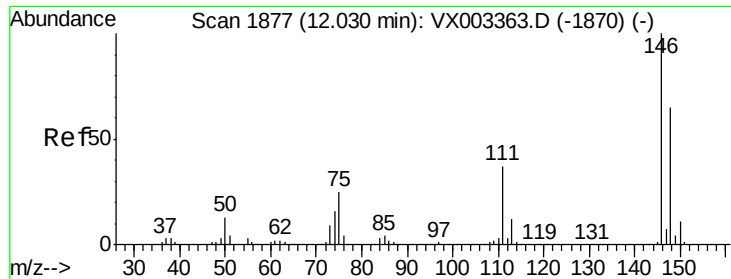


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

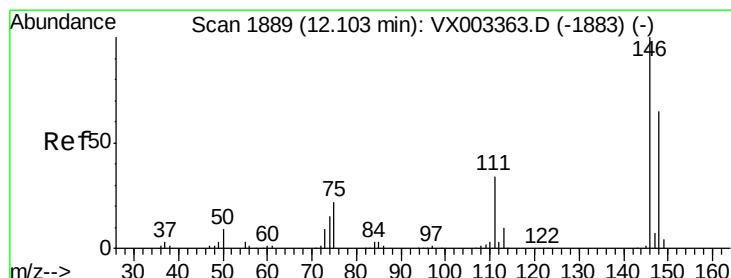
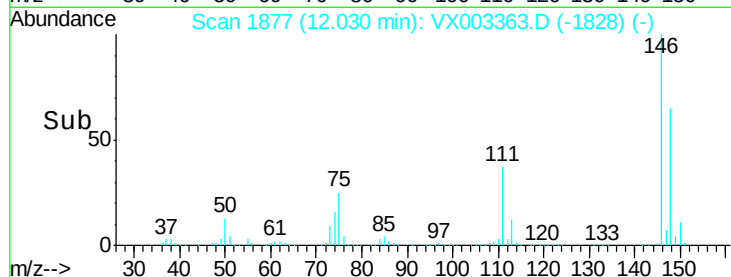
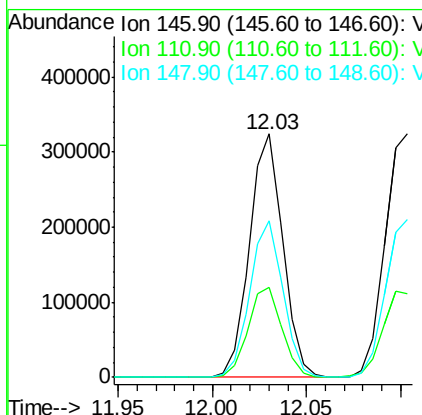
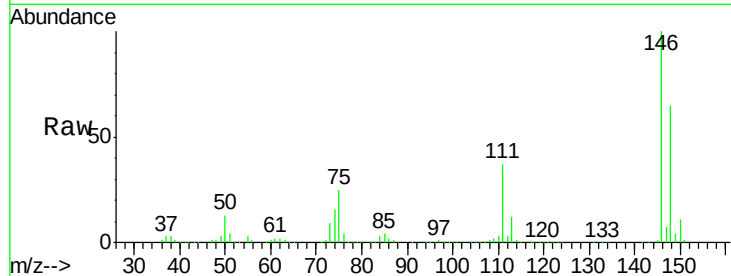




#87
 1,3-Dichlorobenzene
 Concen: 47.347 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003363.D
 Acq: 13 Jul 2018 12:52

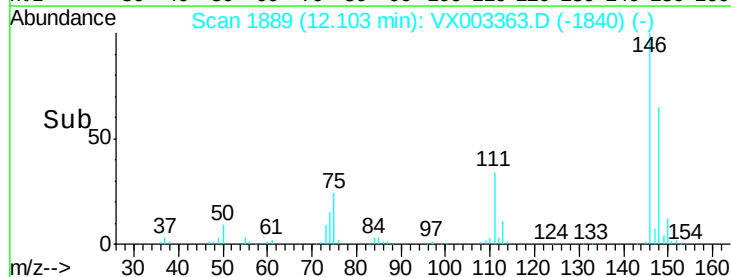
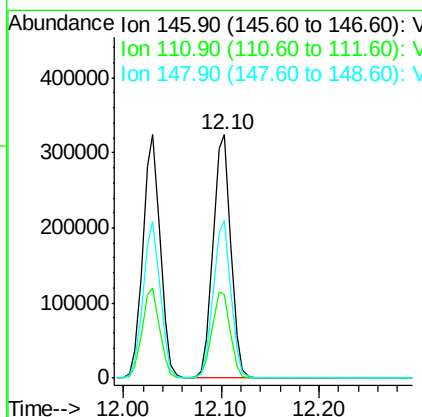
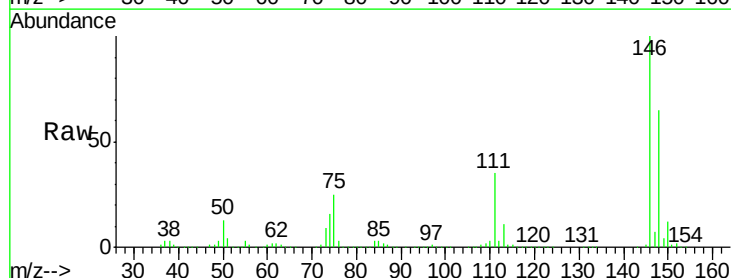
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

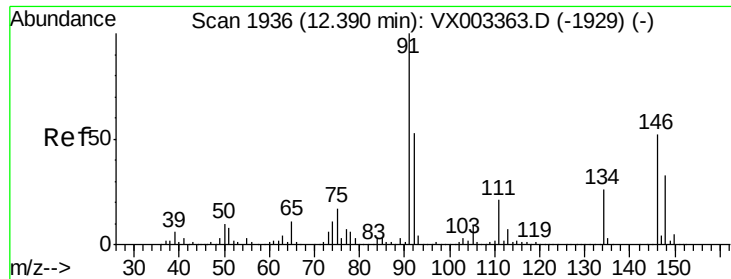
Tgt Ion:146 Resp: 398093
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.9 56.7
 148 63.8 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 47.766 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX003363.D
 Acq: 13 Jul 2018 12:52

Tgt Ion:146 Resp: 407774
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.7 56.1
 148 64.2 32.4 97.0

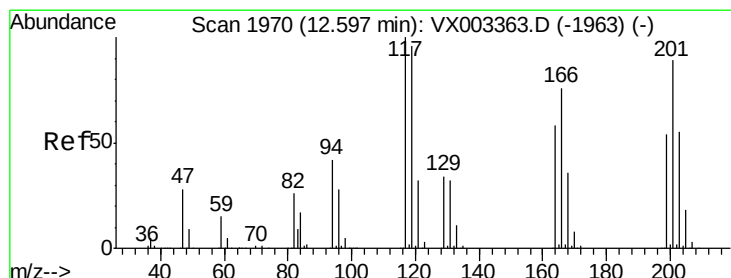
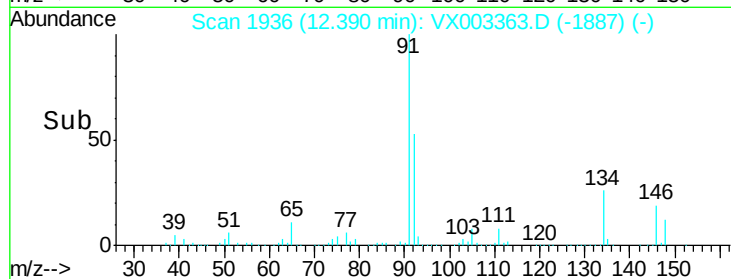
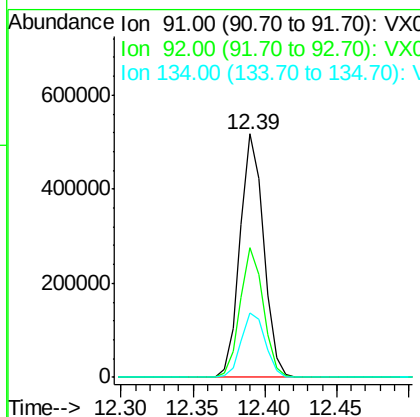
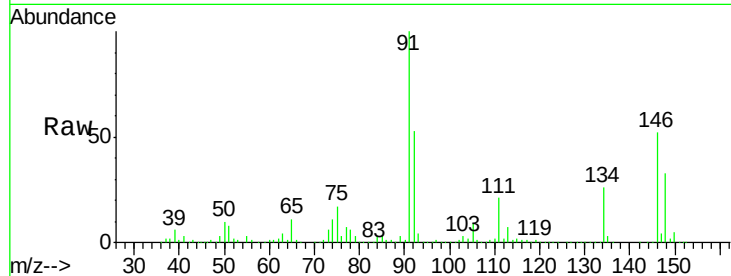




#89
n-Butylbenzene
Concen: 49.323 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

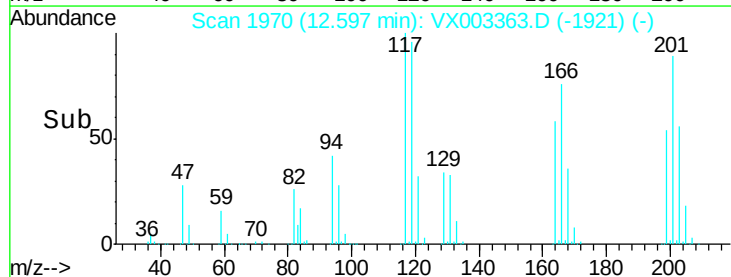
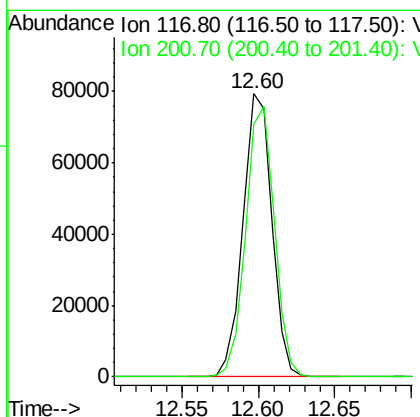
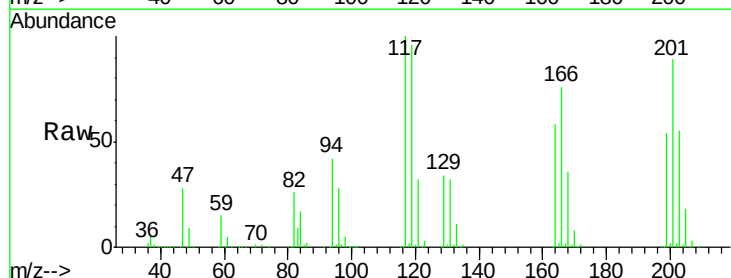
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

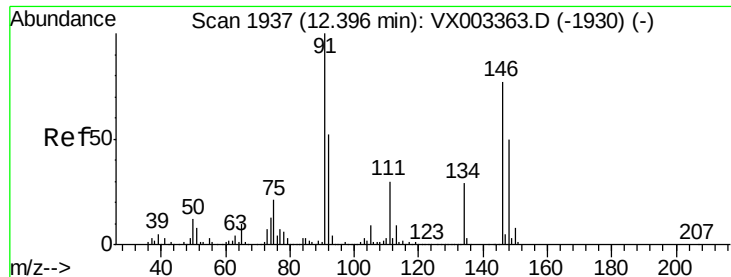
Tgt Ion: 91 Resp: 590151
Ion Ratio Lower Upper
91 100
92 52.5 26.0 78.0
134 27.0 13.5 40.5



#90
Hexachloroethane
Concen: 49.540 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

Tgt Ion: 117 Resp: 103835
Ion Ratio Lower Upper
117 100
201 95.3 49.0 147.0

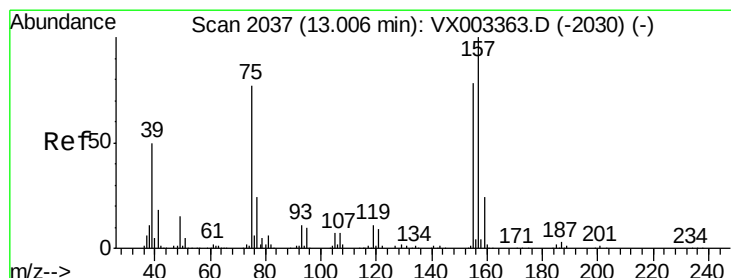
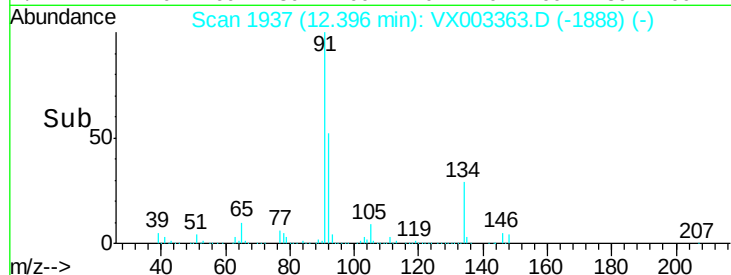
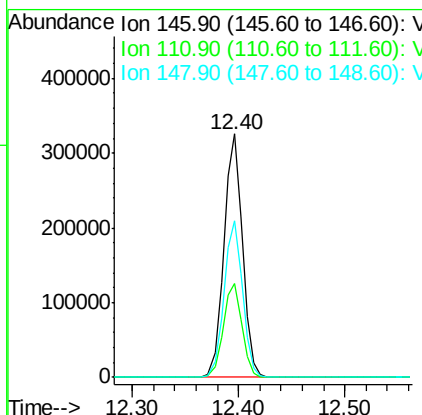
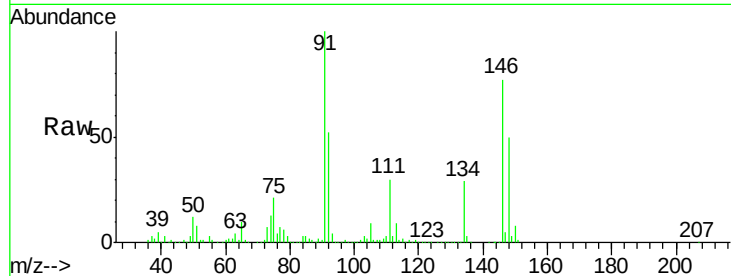




#91
 1,2-Dichlorobenzene
 Concen: 47.074 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003363.D
 Acq: 13 Jul 2018 12:52

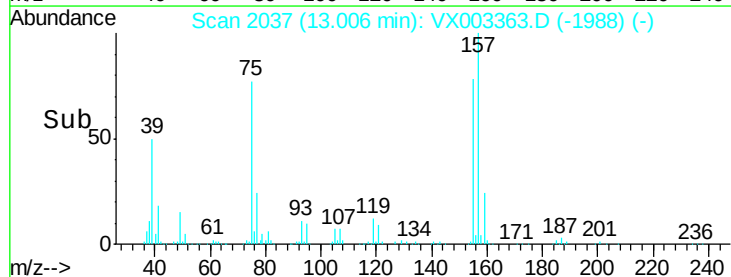
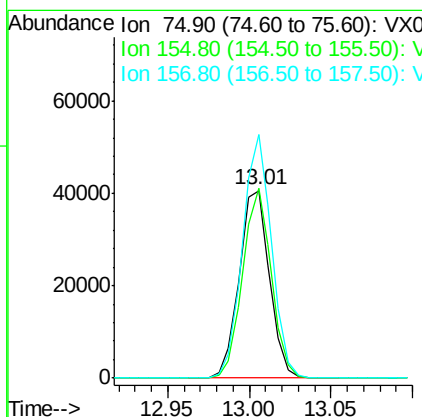
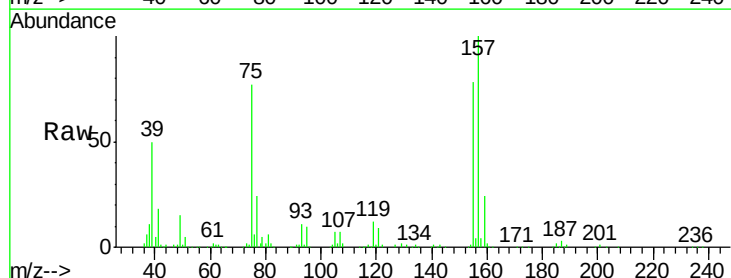
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

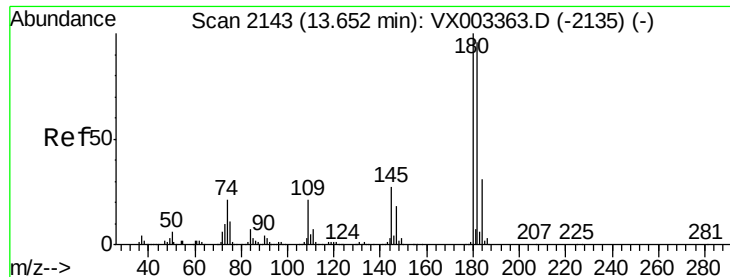
Tgt Ion: 146 Resp: 396097
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.4 58.1
 148 64.3 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.818 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003363.D
 Acq: 13 Jul 2018 12:52

Tgt Ion: 75 Resp: 52429
 Ion Ratio Lower Upper
 75 100
 155 96.0 45.8 137.4
 157 124.5 60.1 180.3

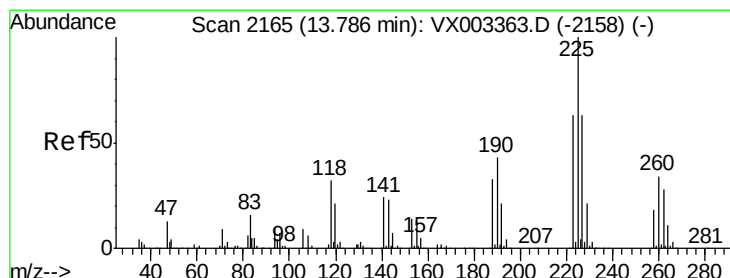
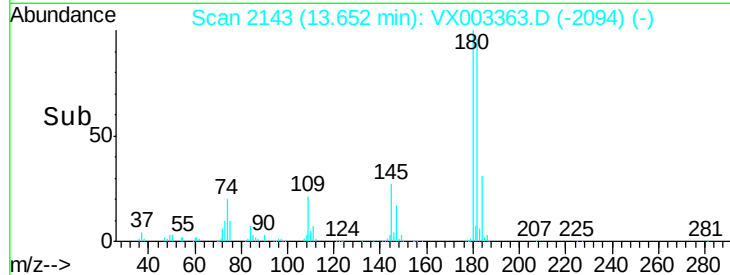
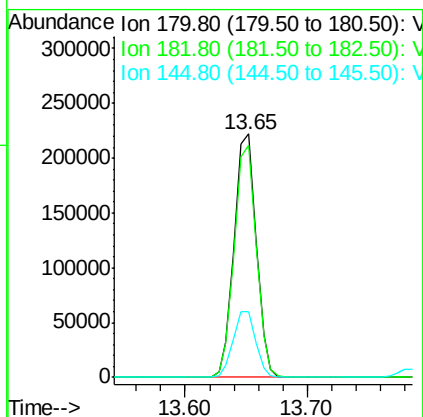
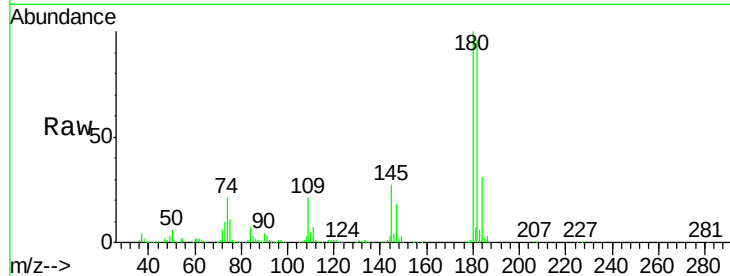




#93
 1,2,4-Trichlorobenzene
 Concen: 47.905 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003363.D
 Acq: 13 Jul 2018 12:52

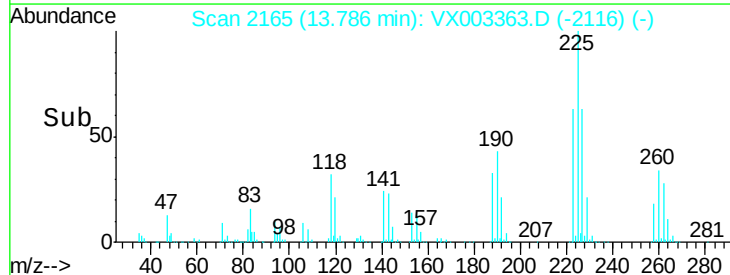
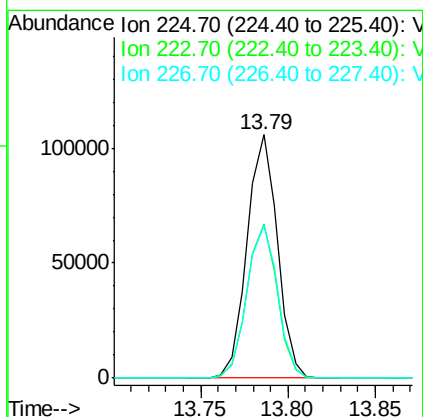
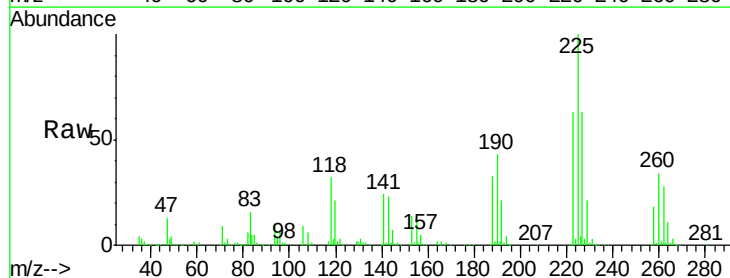
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

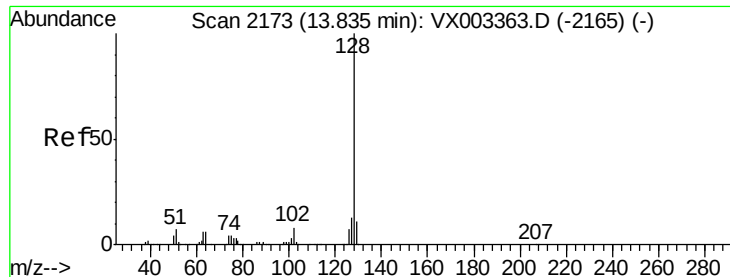
Tgt Ion:180 Resp: 275759
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.7 143.1
 145 27.8 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 46.963 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003363.D
 Acq: 13 Jul 2018 12:52

Tgt Ion:225 Resp: 127562
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.6 95.0
 227 63.8 32.4 97.2

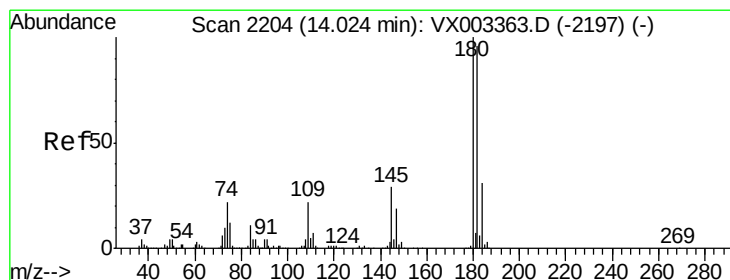
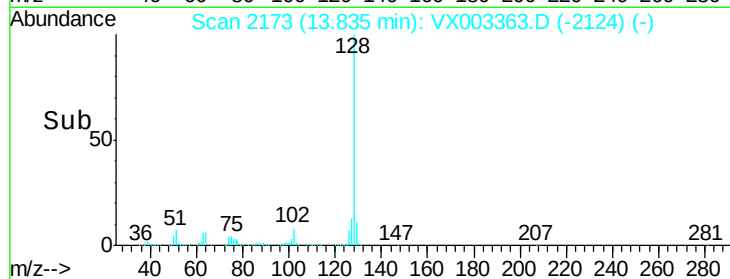
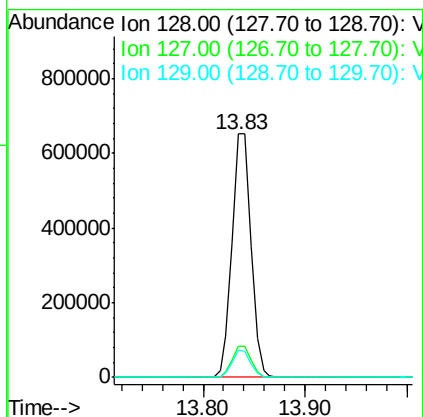
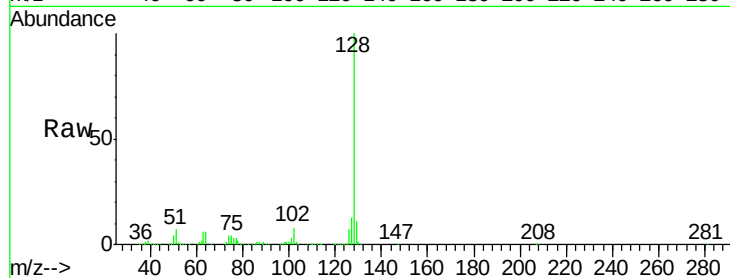




#95
Naphthalene
Concen: 51.478 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 830559
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.442 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003363.D
Acq: 13 Jul 2018 12:52

Tgt Ion:180 Resp: 281429
Ion Ratio Lower Upper
180 100
182 95.6 48.0 144.0
145 29.9 14.8 44.3

