

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031318\
 Data File : VX000289.D
 Acq On : 13 Mar 2018 09:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 13 14:18:26 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	183389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	298416	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	188101	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	111347	43.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.60%	
35) Dibromofluoromethane	5.51	113	88514	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	
50) Toluene-d8	8.73	98	358443	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	
62) 4-Bromofluorobenzene	11.15	95	144572	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	86612	43.34	ug/l	98
3) Chloromethane	1.32	50	83825	42.97	ug/l	100
4) Vinyl Chloride	1.41	62	100568	44.23	ug/l	99
5) Bromomethane	1.64	94	101372	42.66	ug/l	99
6) Chloroethane	1.72	64	66159	46.65	ug/l	99
7) Trichlorofluoromethane	1.93	101	182886	48.49	ug/l	98
8) Diethyl Ether	2.20	74	63960	46.20	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	102054	48.44	ug/l	98
10) Methyl Iodide	2.52	142	106053	48.09	ug/l	99
11) Tert butyl alcohol	3.07	59	180286	193.00	ug/l	100
12) 1,1-Dichloroethene	2.38	96	89481	46.26	ug/l	97
13) Acrolein	2.30	56	107608	219.12	ug/l	97
14) Allyl chloride	2.73	41	157974	44.21	ug/l	99
15) Acrylonitrile	3.15	53	349794	215.18	ug/l	99
16) Acetone	2.45	43	438036	239.93	ug/l	97
17) Carbon Disulfide	2.57	76	225017	42.46	ug/l	100
18) Methyl Acetate	2.78	43	168409	43.32	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	334696	48.59	ug/l	99
20) Methylene Chloride	2.86	84	98985	45.46	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	99510	46.78	ug/l	97
22) Diisopropyl ether	3.88	45	315340	51.39	ug/l	98
23) Vinyl Acetate	3.84	43	1485763	251.25	ug/l	98
24) 1,1-Dichloroethane	3.70	63	173799	46.21	ug/l	98
25) 2-Butanone	4.72	43	497455	220.79	ug/l	96
26) 2,2-Dichloropropane	4.59	77	136410	49.62	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	94876	47.04	ug/l	97
28) Bromochloromethane	5.03	49	76222	47.68	ug/l	95
29) Tetrahydrofuran	5.18	42	299118	211.38	ug/l	99
30) Chloroform	5.23	83	174317	47.93	ug/l	97
31) Cyclohexane	5.59	56	133879	48.13	ug/l	94
32) 1,1,1-Trichloroethane	5.51	97	157678	50.01	ug/l	99
36) 1,1-Dichloropropene	5.81	75	130054	48.98	ug/l	100
37) Ethyl Acetate	4.87	43	165695	43.18	ug/l	99
38) Carbon Tetrachloride	5.79	117	136694	50.87	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	159425	48.93	ug/l	97
40) Benzene	6.15	78	368910	48.17	ug/l	98
41) Methacrylonitrile	5.07	41	86428	44.19	ug/l	98
42) 1,2-Dichloroethane	6.21	62	143045	47.62	ug/l	99
43) Isopropyl Acetate	6.48	43	261323	47.10	ug/l	98
44) Trichloroethene	7.22	130	109705	50.05	ug/l	95
45) 1,2-Dichloropropane	7.52	63	94919	48.94	ug/l #	89
46) Dibromomethane	7.67	93	74432	48.50	ug/l	98
47) Bromodichloromethane	7.91	83	135359	50.15	ug/l	98
48) Methyl methacrylate	7.79	41	126208	46.18	ug/l	99
49) 1,4-Dioxane	7.77	88	55808	899.61	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	966481	230.80	ug/l	98
52) Toluene	8.79	92	264024	50.30	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	162298	51.02	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	161334	52.43	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	107165	50.41	ug/l	97
56) Ethyl methacrylate	9.19	69	168195	52.87	ug/l	98
57) 1,3-Dichloropropane	9.38	76	173552	48.62	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	381832	237.72	ug/l	98
59) 2-Hexanone	9.51	43	832124	233.05	ug/l	99
60) Dibromochloromethane	9.59	129	119351	53.25	ug/l	99
61) 1,2-Dibromoethane	9.68	107	122084	51.72	ug/l	98
64) Tetrachloroethene	9.34	164	111527	52.66	ug/l	99
65) Chlorobenzene	10.15	112	315348	51.59	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	111106	53.17	ug/l	100
67) Ethyl Benzene	10.26	91	533643	50.02	ug/l	99
68) m/p-Xylenes	10.37	106	425845	103.72	ug/l	99
69) o-Xylene	10.71	106	207790	52.65	ug/l	98
70) Styrene	10.72	104	353695	54.03	ug/l	98
71) Bromoform	10.87	173	97784	46.08	ug/l #	100
73) Isopropylbenzene	11.02	105	573126	48.67	ug/l	100
74) N-amyl acetate	6.48	43	261323	43.37	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	193943	46.98	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	231303	61.34	ug/l	82
77) Bromobenzene	11.26	156	151547	49.77	ug/l	96
78) n-propylbenzene	11.37	91	664377	47.93	ug/l	100
79) 2-Chlorotoluene	11.43	91	377750	48.31	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	489298	49.76	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	58563	47.56	ug/l	99
82) 4-Chlorotoluene	11.52	91	465438	48.96	ug/l	99
83) tert-Butylbenzene	11.78	119	483430	50.53	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	505488	49.99	ug/l	100
85) sec-Butylbenzene	11.96	105	604036	49.91	ug/l	99
86) p-Isopropyltoluene	12.07	119	550618	51.60	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	294758	50.92	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	301834	49.75	ug/l	99
89) n-Butylbenzene	12.40	91	510337	49.65	ug/l	99
90) Hexachloroethane	12.60	117	83827	48.75	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	292290	51.00	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52718	45.47	ug/l	97

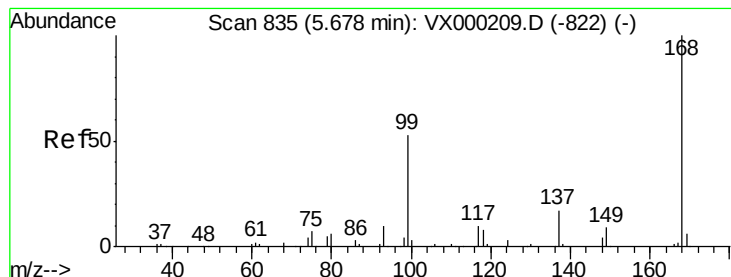
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	217223	52.10	ug/l	99
94) Hexachlorobutadiene	13.79	225	83591	48.17	ug/l	98
95) Naphthalene	13.85	128	730947	50.24	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	213653	51.80	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

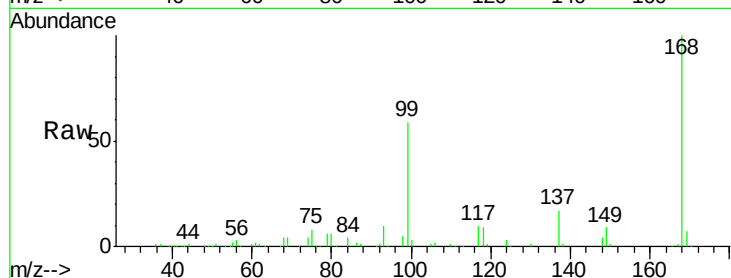
VSTDCCC050

Tot Ion:168 Resp: 183389

Ion Ratio Lower Upper

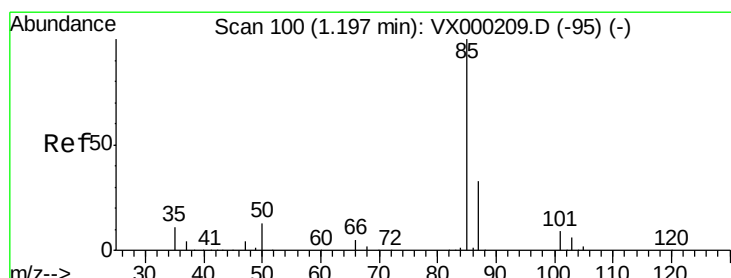
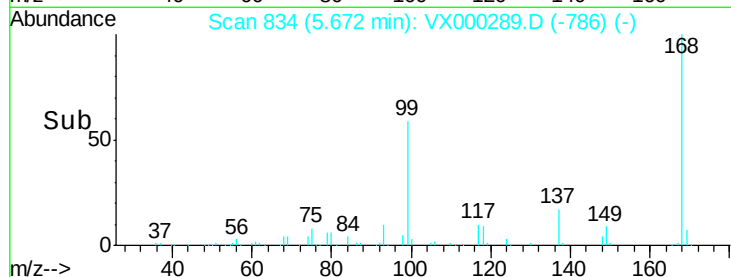
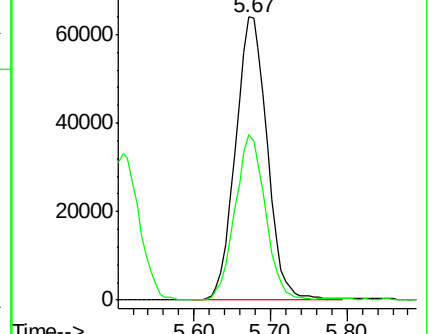
168 100

99 58.6 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 43.34 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000289.D

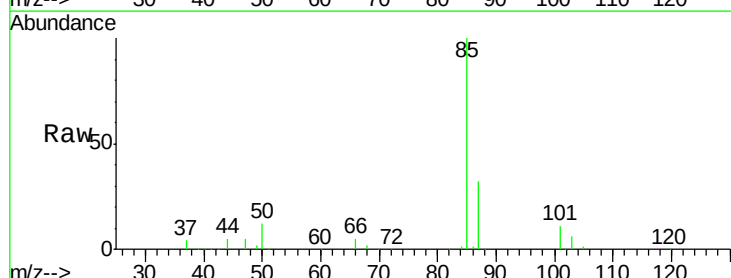
Acq: 13 Mar 2018 09:58

Tgt Ion: 85 Resp: 86612

Ion Ratio Lower Upper

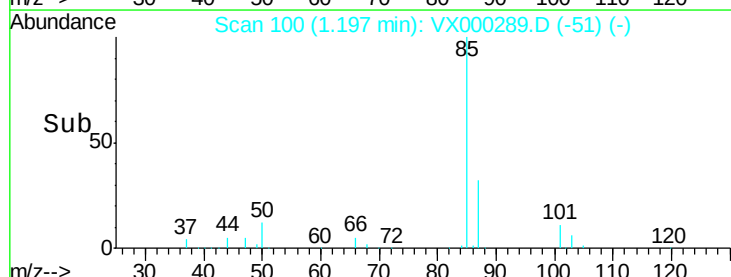
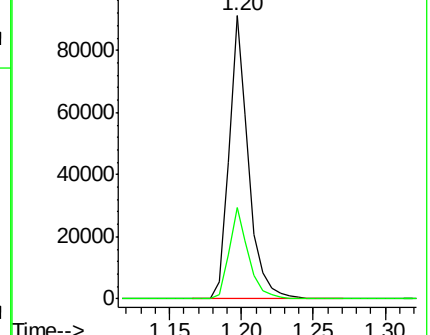
85 100

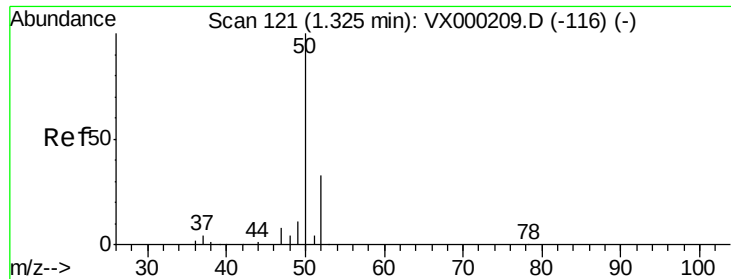
87 32.4 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.97 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

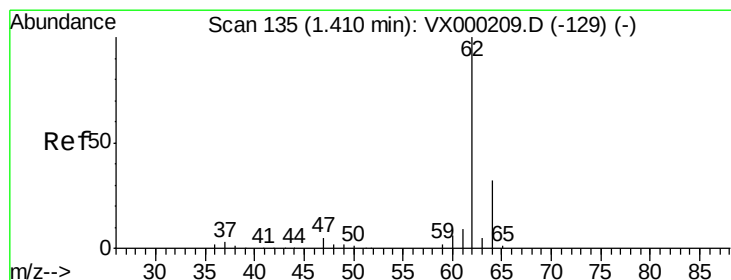
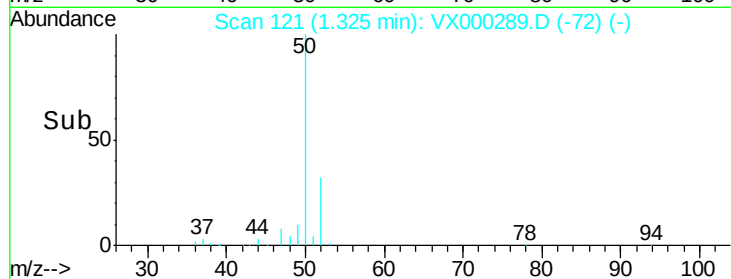
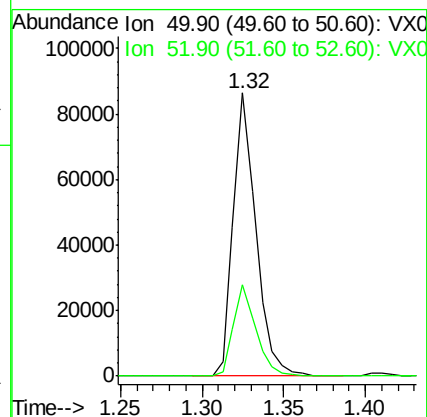
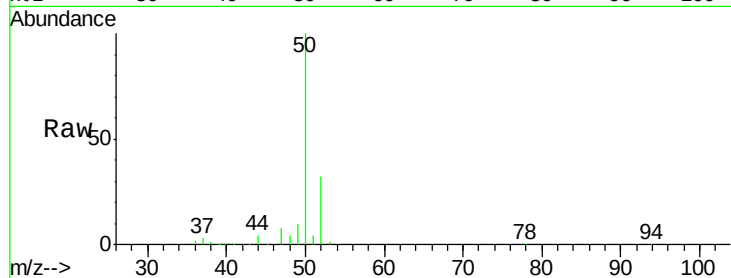
VSTDCCC050

Tot Ion: 50 Resp: 83825

Ion Ratio Lower Upper

50 100

52 32.5 26.2 39.2



#4

Vinyl Chloride

Concen: 44.23 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000289.D

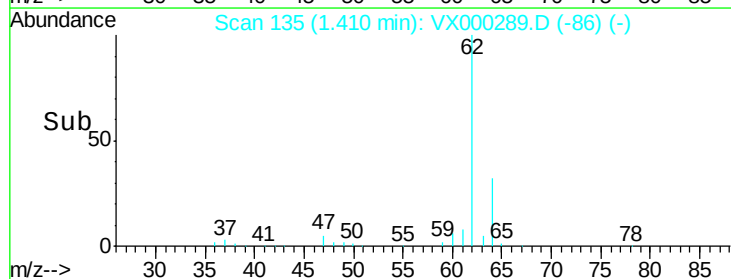
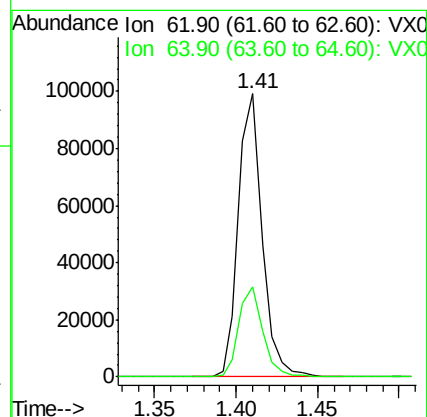
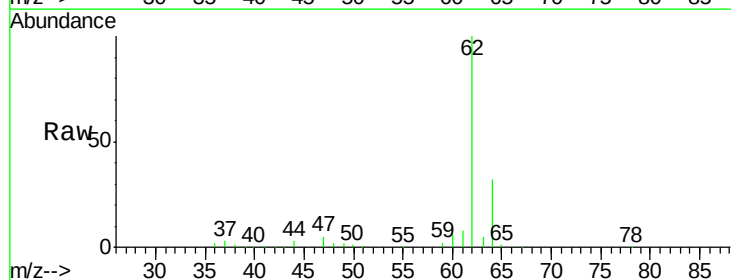
Acq: 13 Mar 2018 09:58

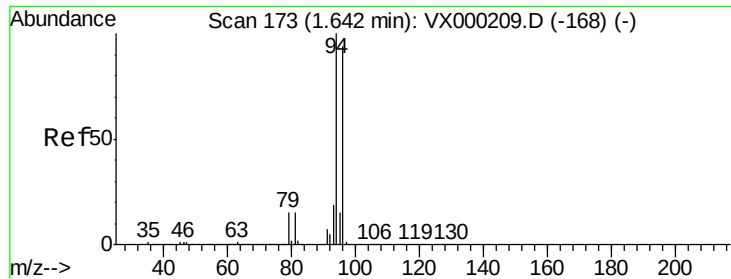
Tgt Ion: 62 Resp: 100568

Ion Ratio Lower Upper

62 100

64 31.7 25.7 38.5





#5

Bromomethane

Concen: 42.66 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

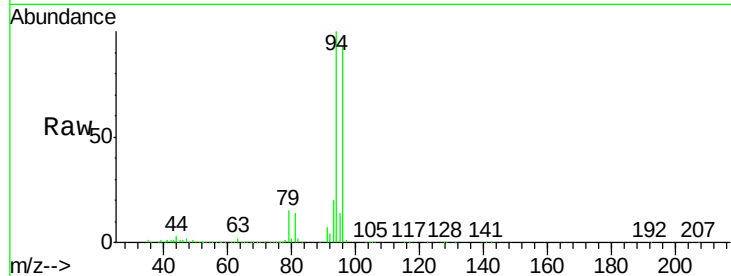
VSTDCCC050

Tot Ion: 94 Resp: 101372

Ion Ratio Lower Upper

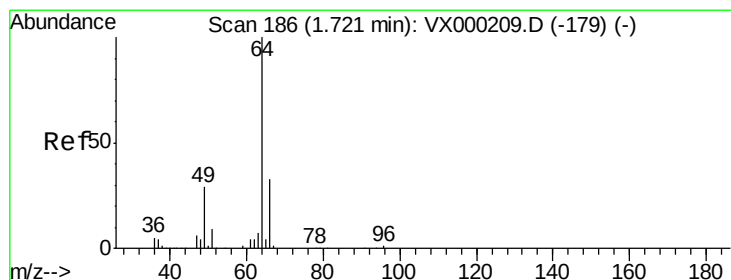
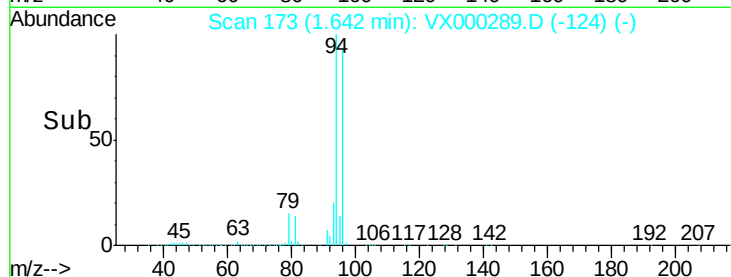
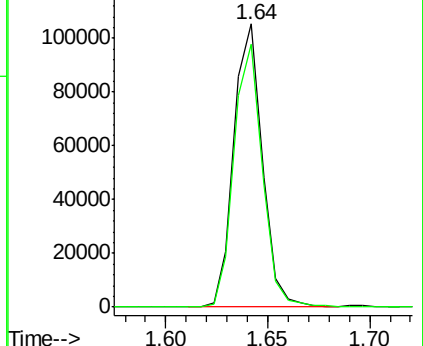
94 100

96 92.9 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.65 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX000289.D

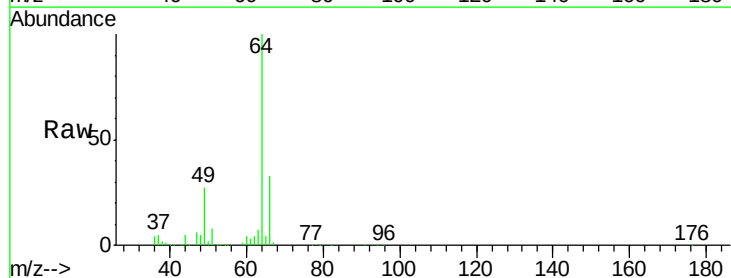
Acq: 13 Mar 2018 09:58

Tgt Ion: 64 Resp: 66159

Ion Ratio Lower Upper

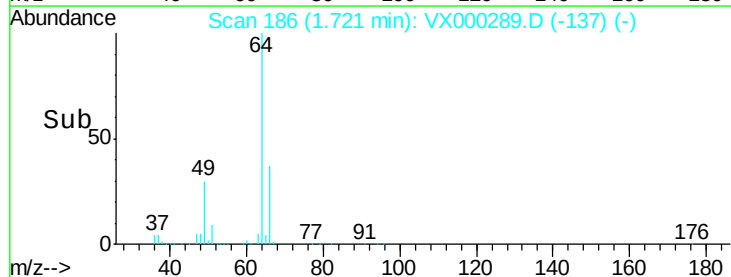
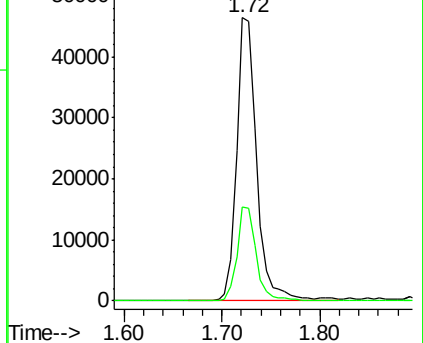
64 100

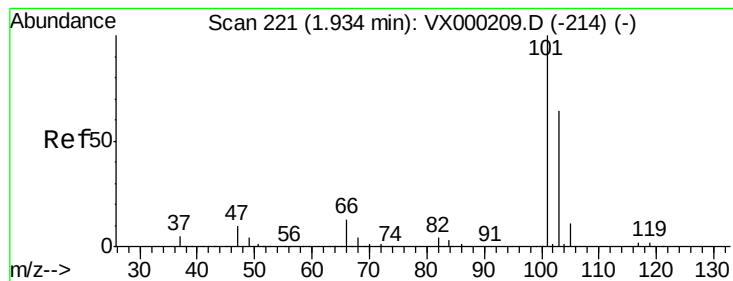
66 33.2 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



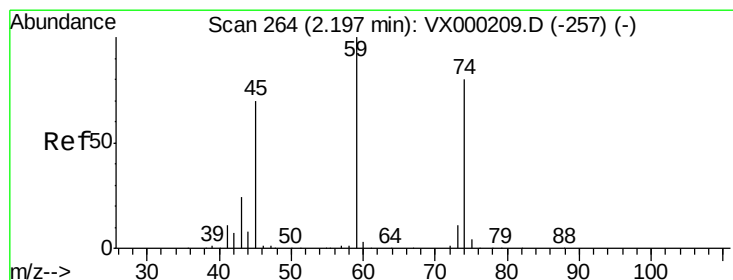
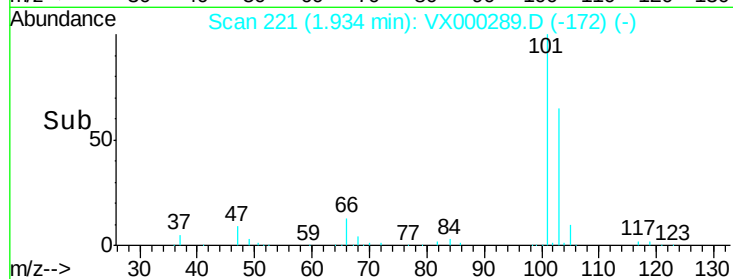
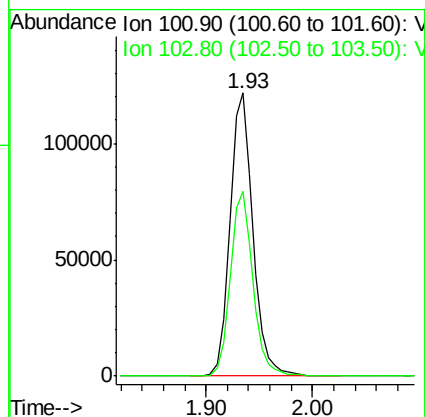
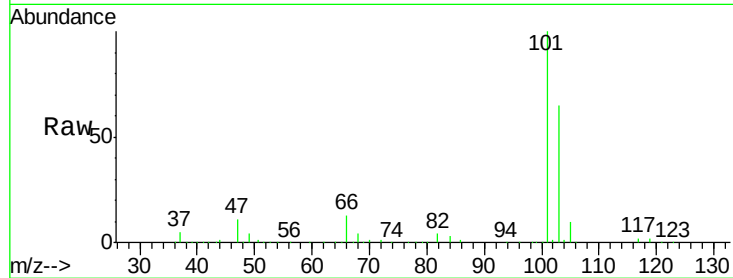


#7

Trichlorofluoromethane
Concen: 48.49 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000289.D
Acq: 13 Mar 2018 09:58

Instrument :
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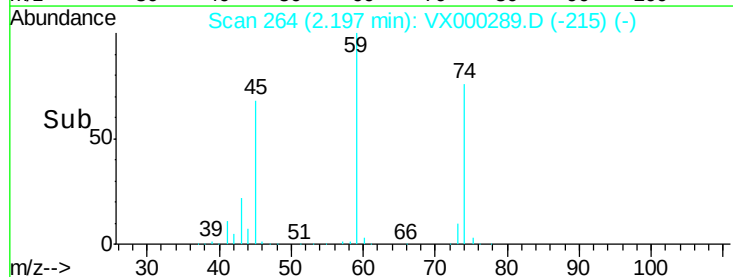
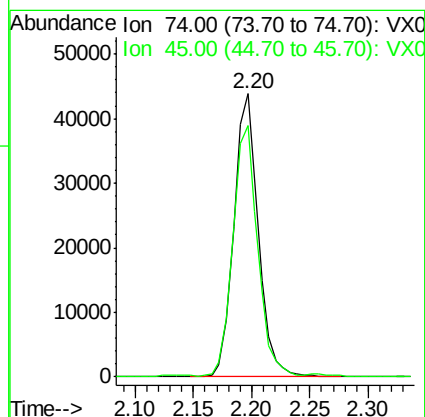
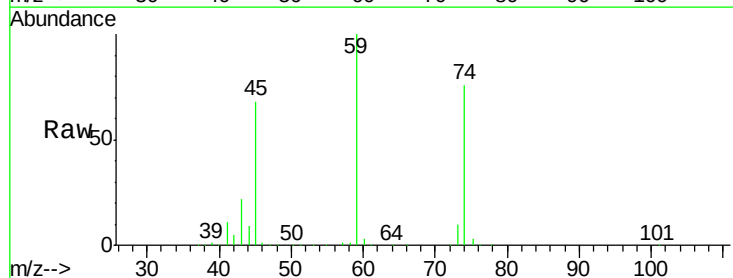
Tot Ion:101 Resp: 182886
Ion Ratio Lower Upper
101 100
103 65.5 51.2 76.8

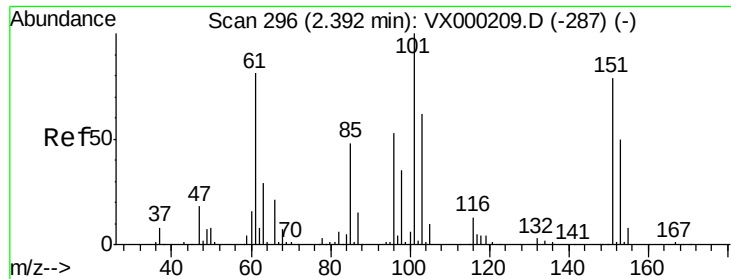


#8

Diethyl Ether
Concen: 46.20 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000289.D
Acq: 13 Mar 2018 09:58

Tgt Ion: 74 Resp: 63960
Ion Ratio Lower Upper
74 100
45 89.6 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.44 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

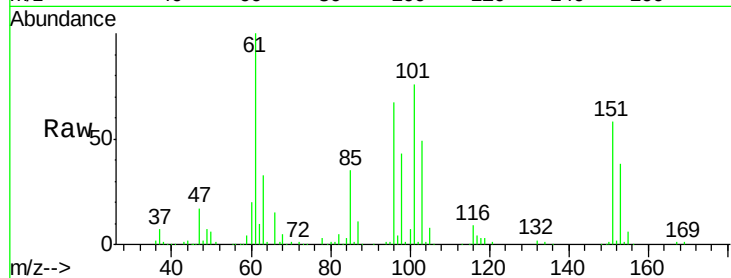
Tot Ion:101 Resp: 102054

Ion Ratio Lower Upper

101 100

85 48.0 38.3 57.5

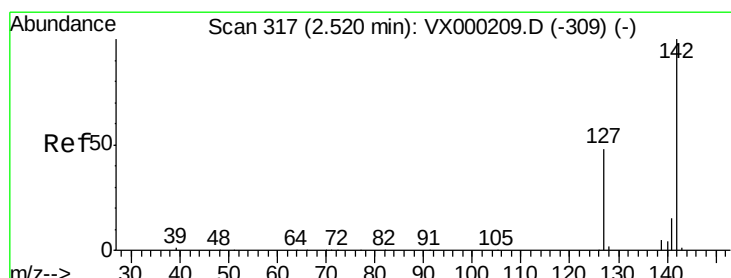
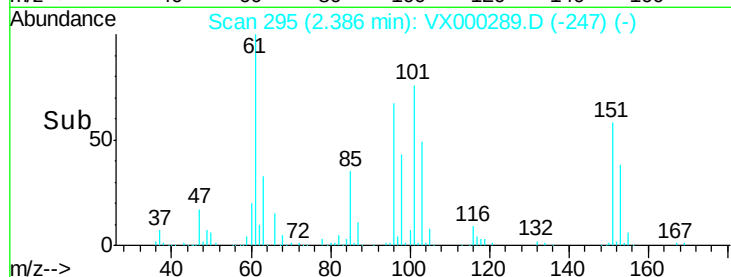
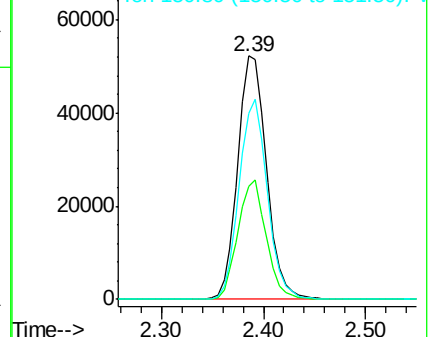
151 80.6 62.8 94.2



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: 48.09 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

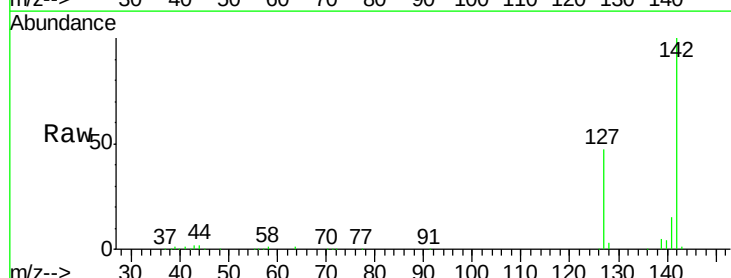
Tgt Ion:142 Resp: 106053

Ion Ratio Lower Upper

142 100

127 48.5 39.0 58.6

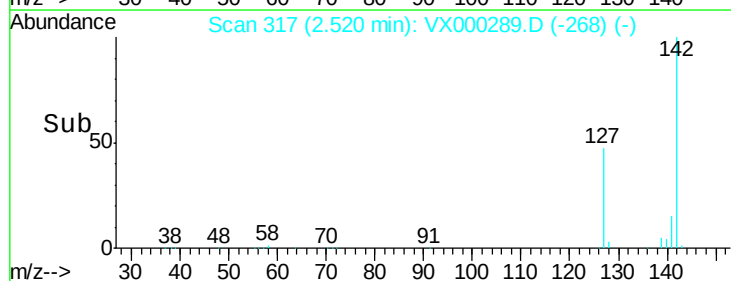
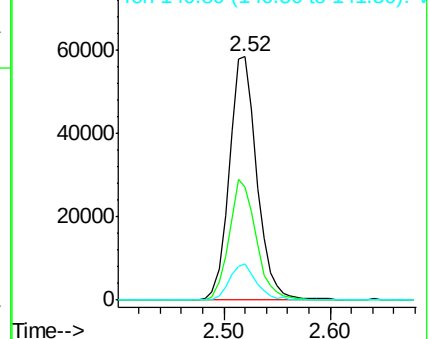
141 14.8 11.6 17.4

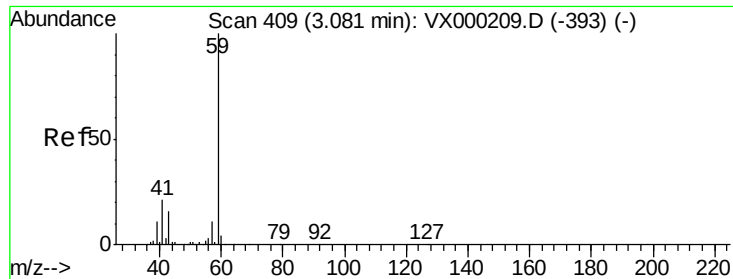


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



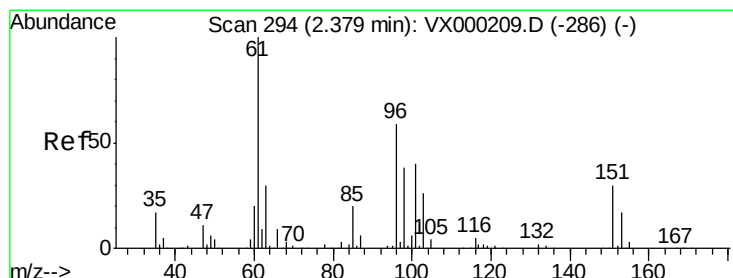
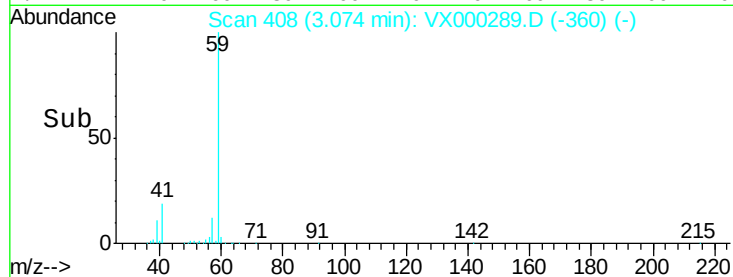
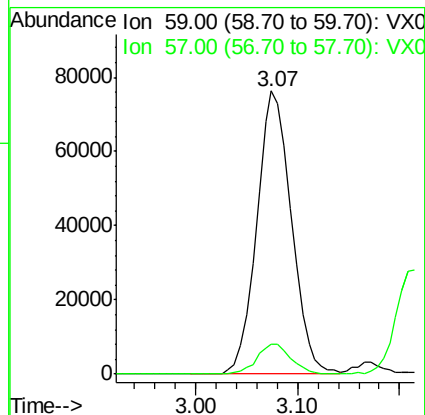
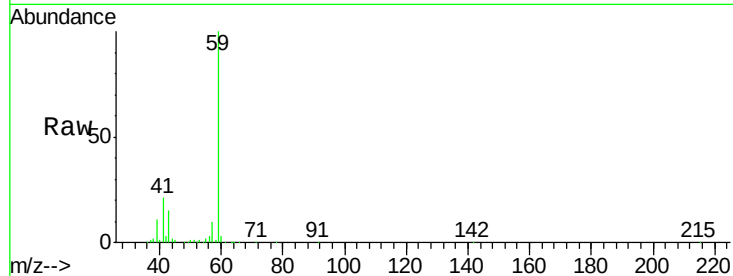


#11

Tert butyl alcohol
Concen: 193.00 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX000289.D
Acq: 13 Mar 2018 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

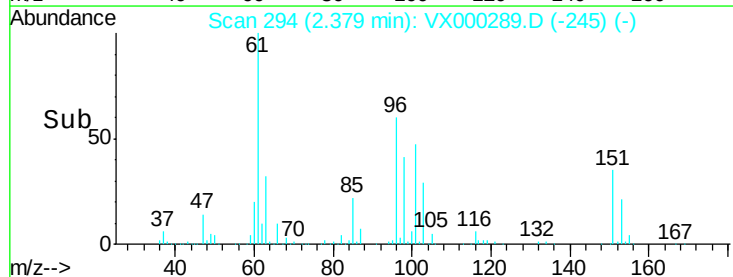
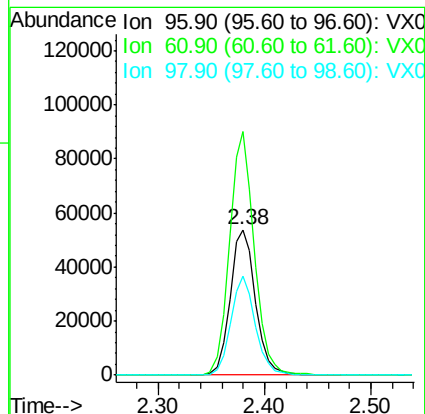
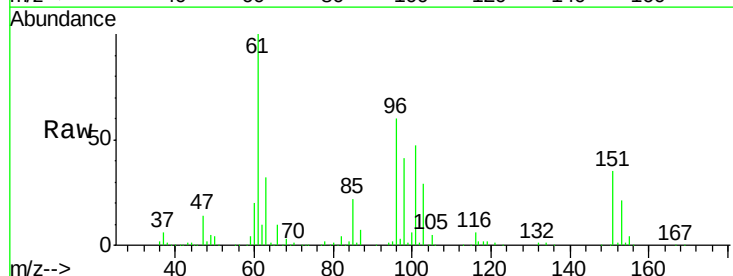
Tot Ion: 59 Resp: 180286
Ion Ratio Lower Upper
59 100
57 10.3 8.4 12.6

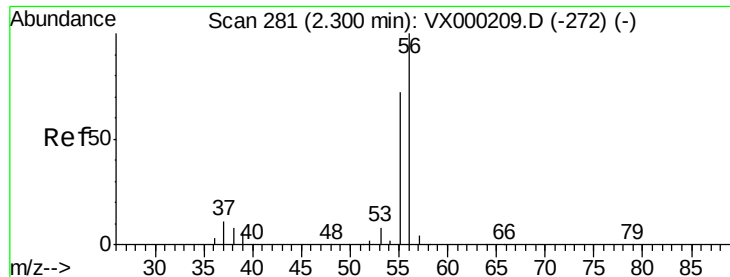


#12

1,1-Dichloroethene
Concen: 46.26 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000289.D
Acq: 13 Mar 2018 09:58

Tgt Ion: 96 Resp: 89481
Ion Ratio Lower Upper
96 100
61 167.1 135.8 203.6
98 67.8 51.1 76.7





#13

Acrolein

Concen: 219.12 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

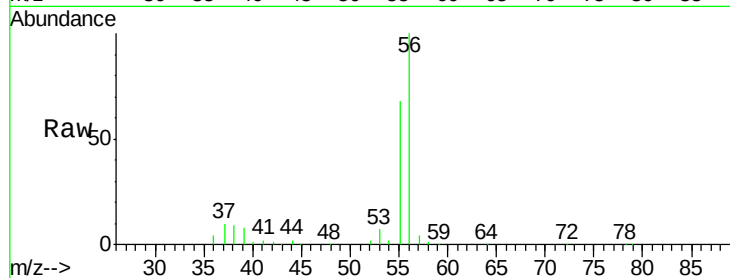
VSTDCCC050

Tot Ion: 56 Resp: 107608

Ion Ratio Lower Upper

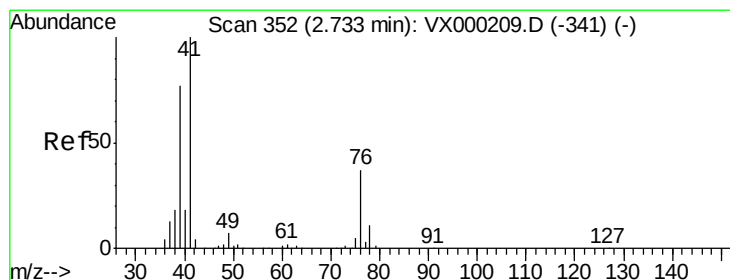
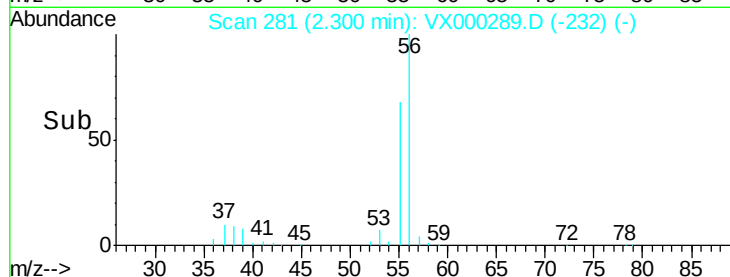
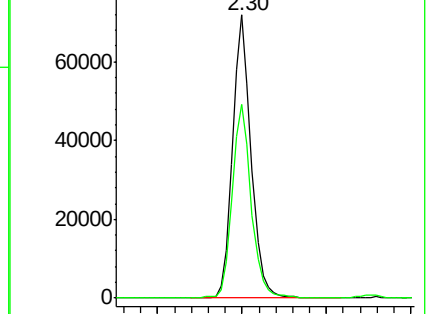
56 100

55 71.0 59.2 88.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 44.21 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

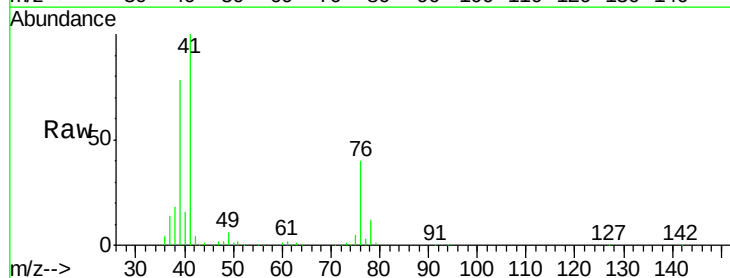
Tgt Ion: 41 Resp: 157974

Ion Ratio Lower Upper

41 100

39 71.6 57.0 85.6

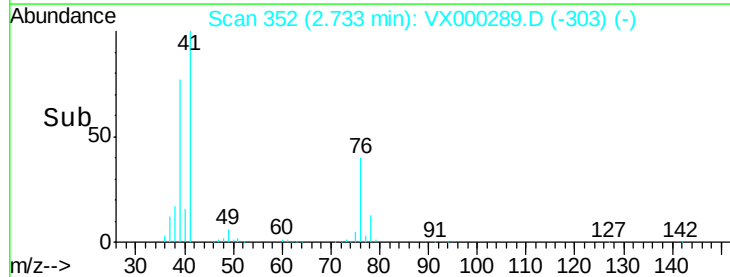
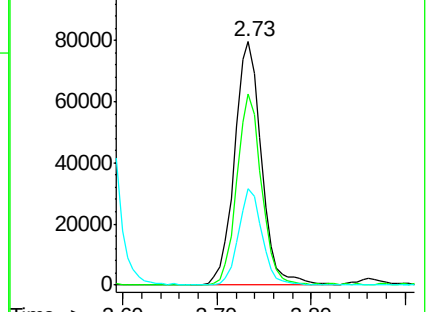
76 34.4 26.8 40.2

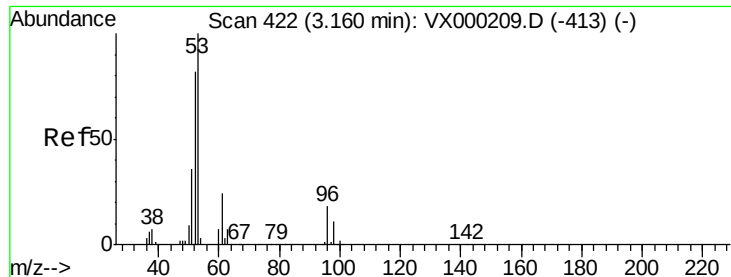


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 215.18 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

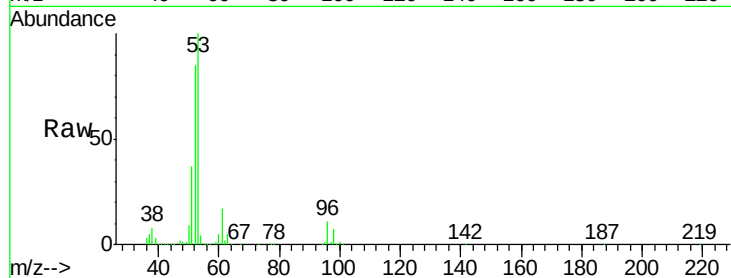
Tot Ion: 53 Resp: 349794

Ion Ratio Lower Upper

53 100

52 83.9 66.3 99.5

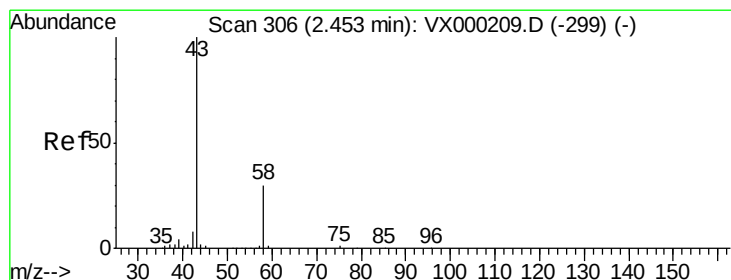
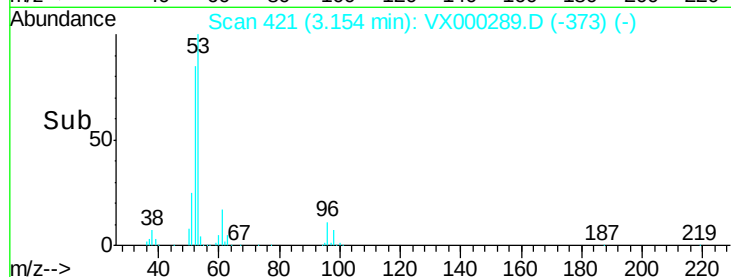
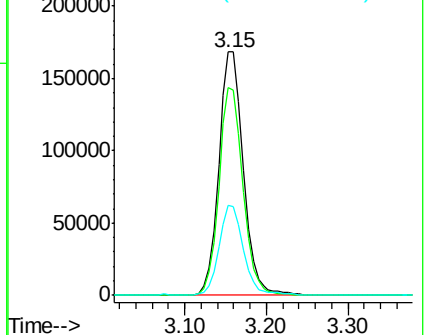
51 37.2 29.6 44.4



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: 239.93 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000289.D

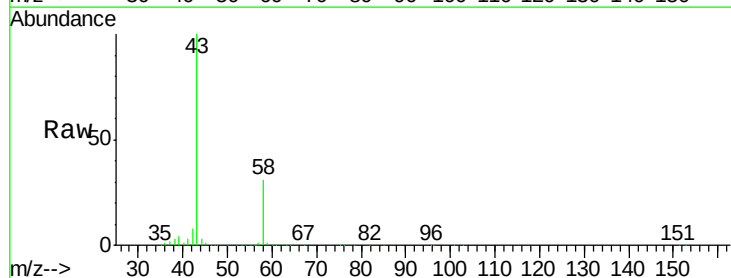
Acq: 13 Mar 2018 09:58

Tgt Ion: 43 Resp: 438036

Ion Ratio Lower Upper

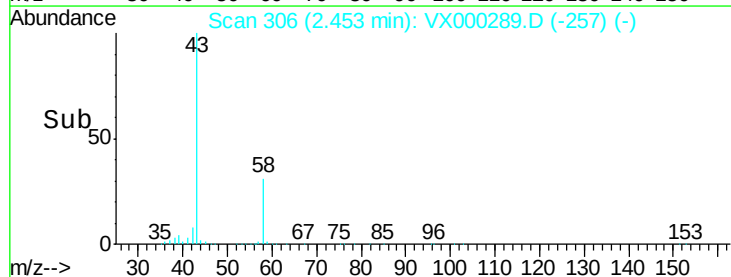
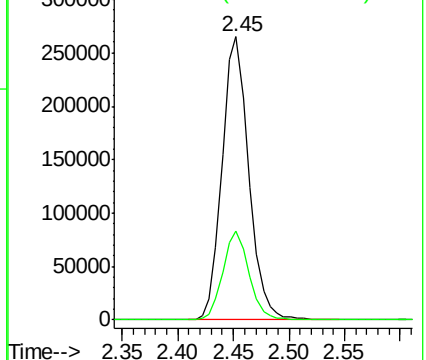
43 100

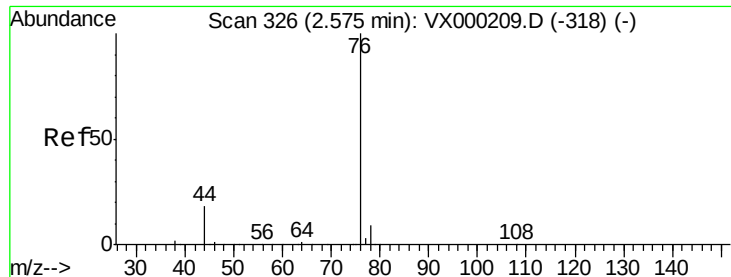
58 31.3 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 42.46 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

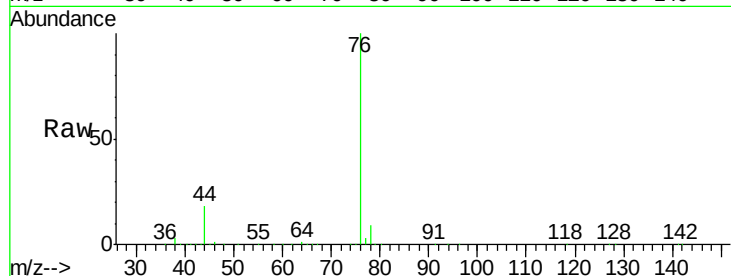
VSTDCCC050

Tot Ion: 76 Resp: 225017

Ion Ratio Lower Upper

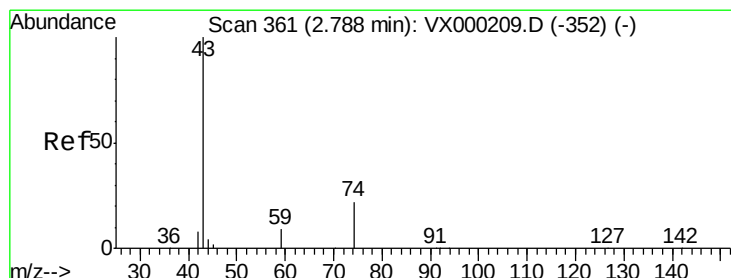
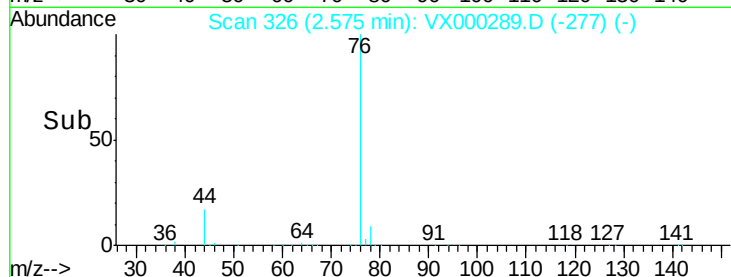
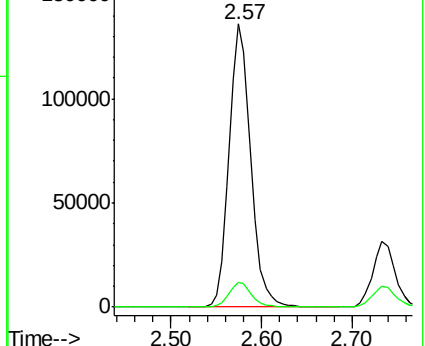
76 100

78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 43.32 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000289.D

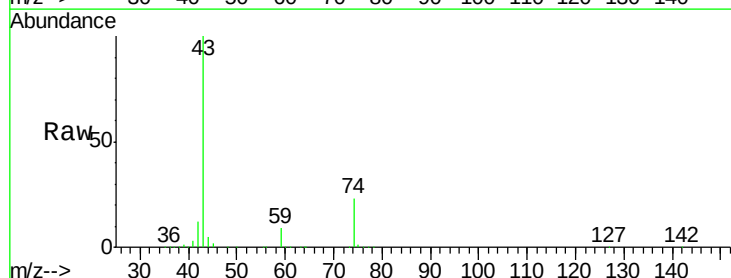
Acq: 13 Mar 2018 09:58

Tgt Ion: 43 Resp: 168409

Ion Ratio Lower Upper

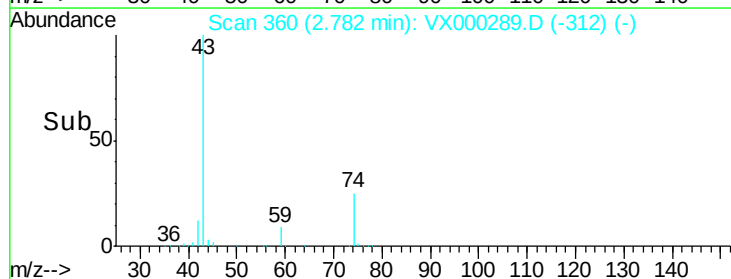
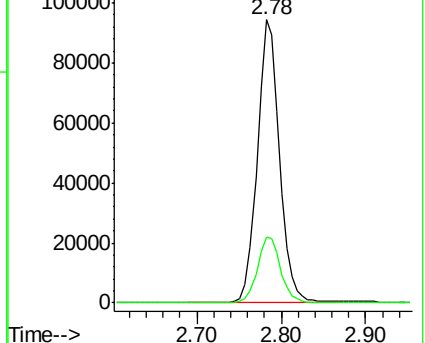
43 100

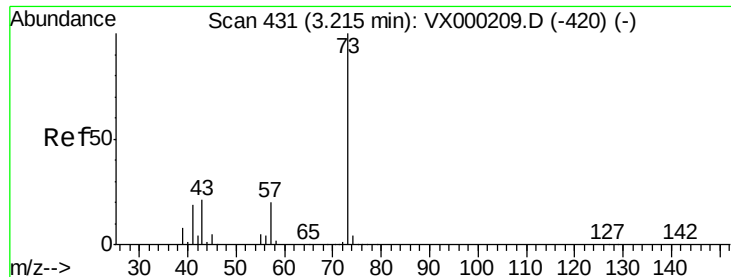
74 24.5 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

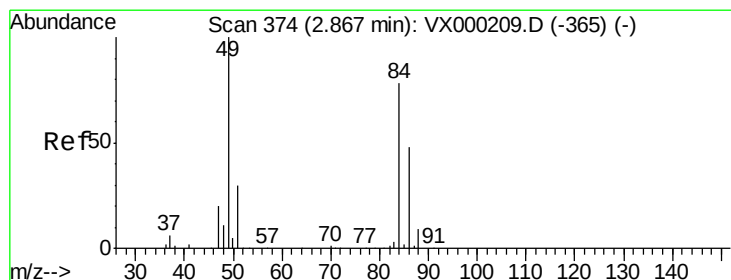
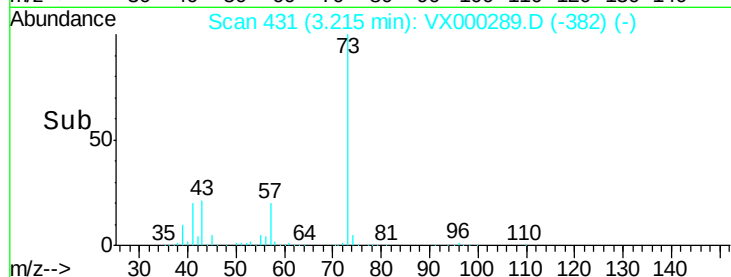
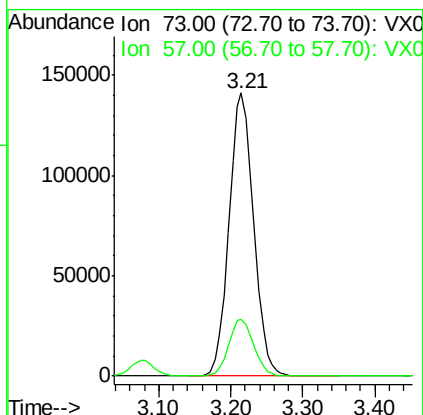
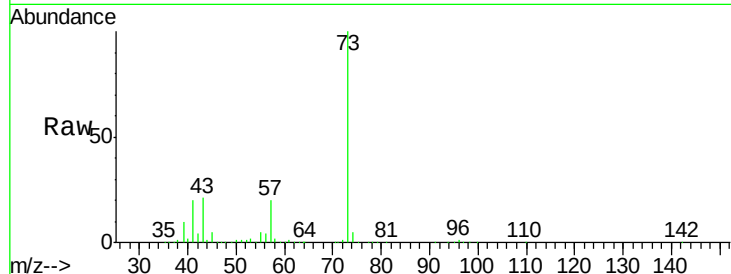




#19
Methyl tert-butyl Ether
Concen: 48.59 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000289.D
Acq: 13 Mar 2018 09:58

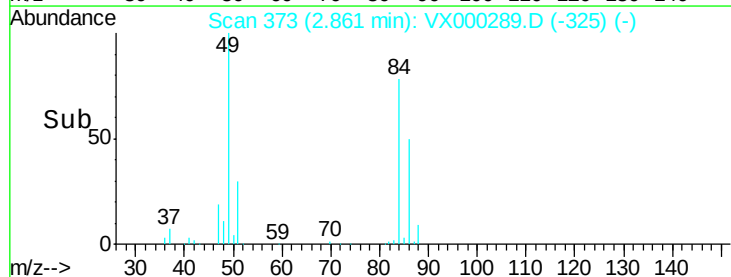
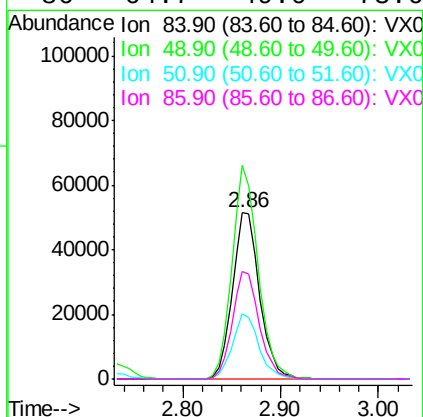
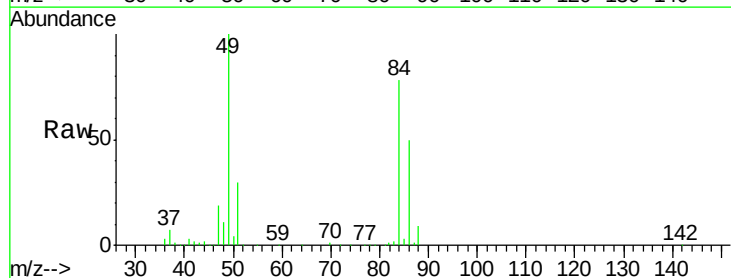
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

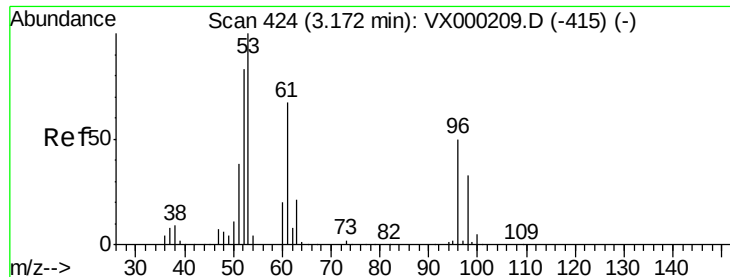
Tot Ion: 73 Resp: 334696
Ion Ratio Lower Upper
73 100
57 19.9 16.3 24.5



#20
Methylene Chloride
Concen: 45.46 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000289.D
Acq: 13 Mar 2018 09:58

Tgt Ion: 84 Resp: 98985
Ion Ratio Lower Upper
84 100
49 128.8 102.1 153.1
51 39.0 30.6 45.8
86 64.7 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 46.78 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

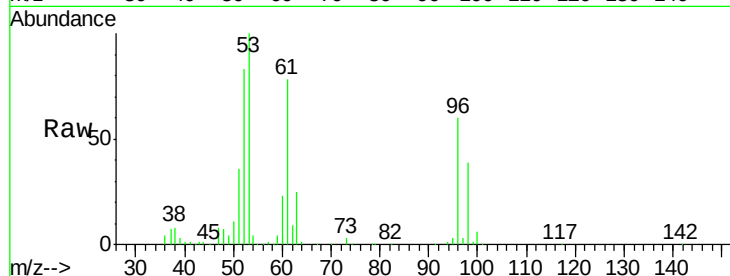
Tot Ion: 96 Resp: 99510

Ion Ratio Lower Upper

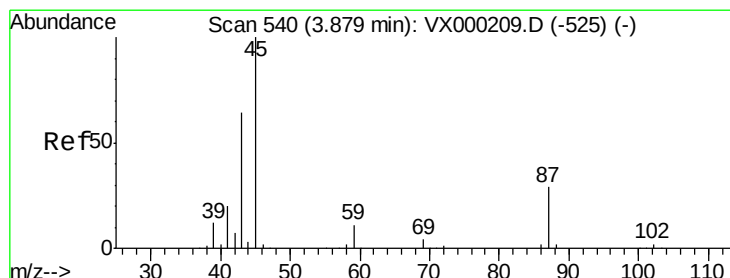
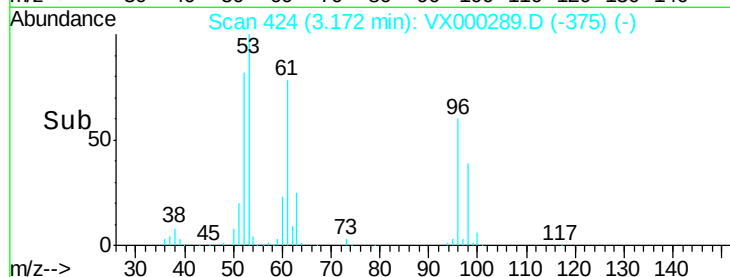
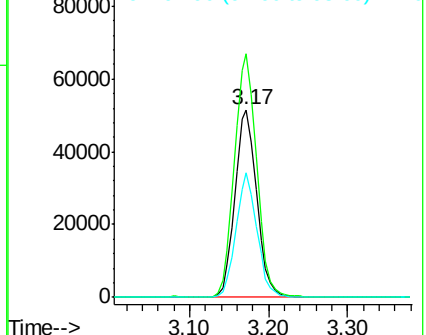
96 100

61 129.4 107.0 160.4

98 66.0 51.8 77.8



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: 51.39 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

Tgt Ion: 45 Resp: 315340

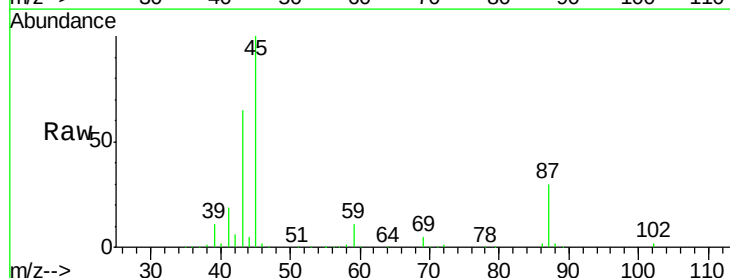
Ion Ratio Lower Upper

45 100

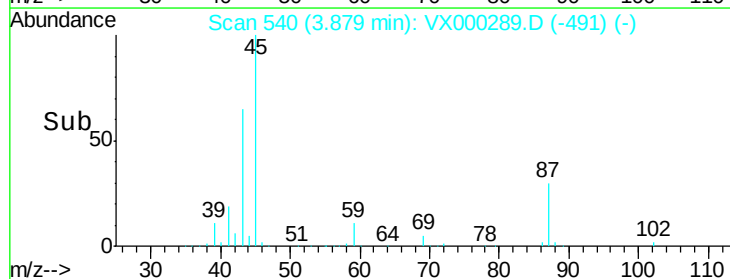
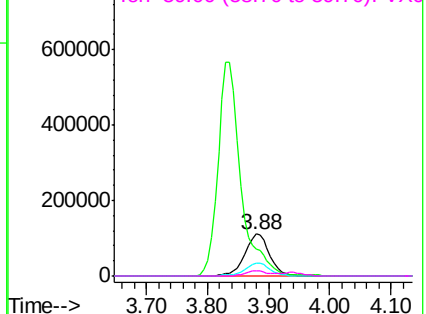
43 64.7 53.5 80.3

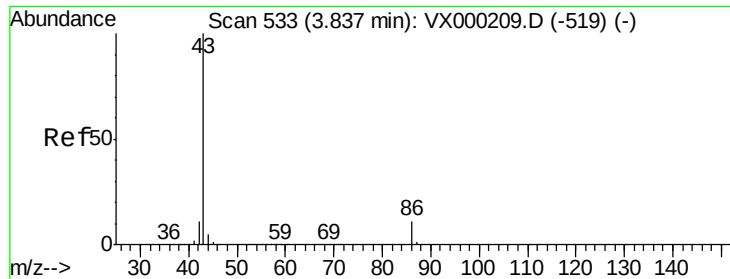
87 29.7 23.3 34.9

59 11.2 9.0 13.6



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: 251.25 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

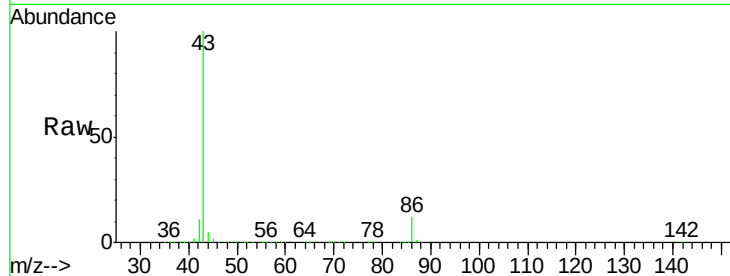
VSTDCCC050

Tot Ion: 43 Resp: 1485763

Ion Ratio Lower Upper

43 100

86 11.5 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.84

600000

500000

400000

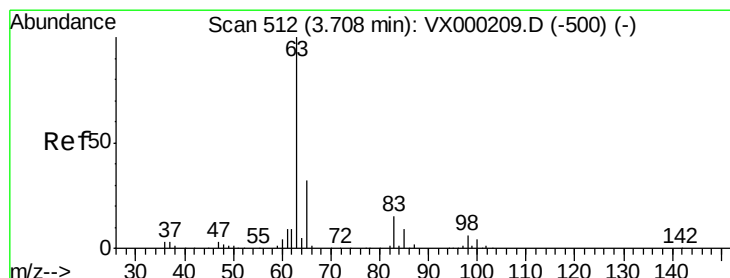
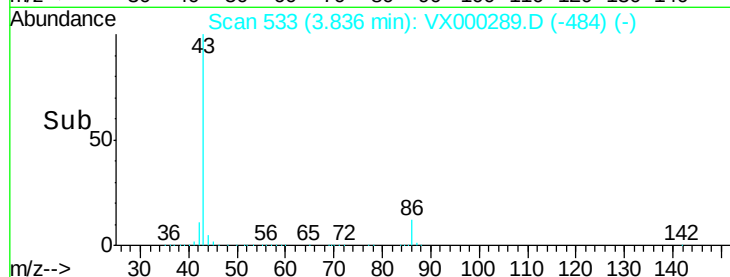
300000

200000

100000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 46.21 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

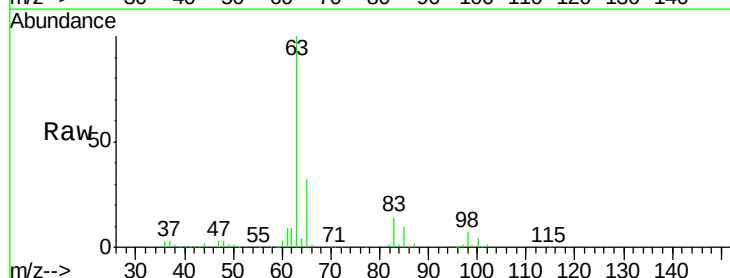
Tgt Ion: 63 Resp: 173799

Ion Ratio Lower Upper

63 100

98 7.2 3.1 9.4

100 4.2 2.2 6.6



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

100000

80000

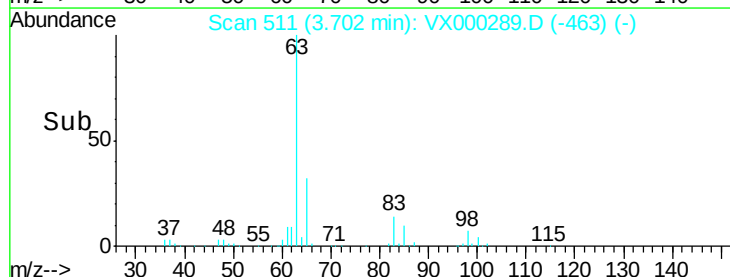
60000

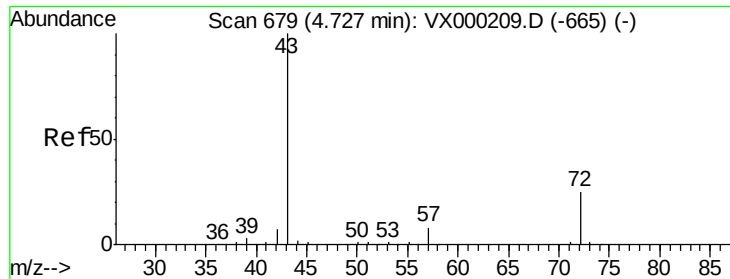
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 220.79 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

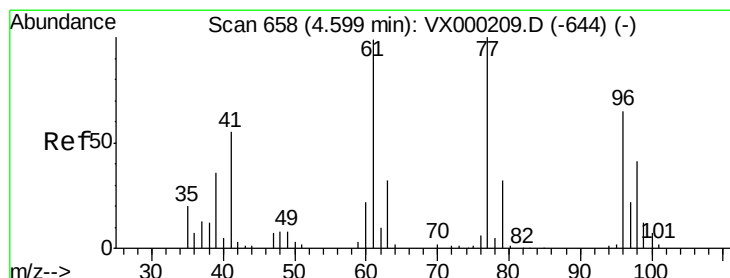
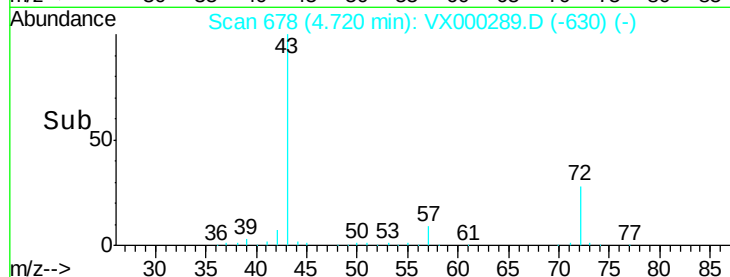
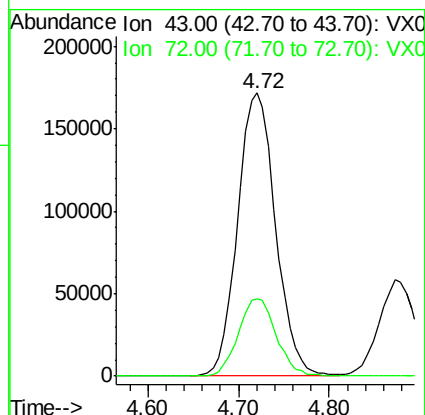
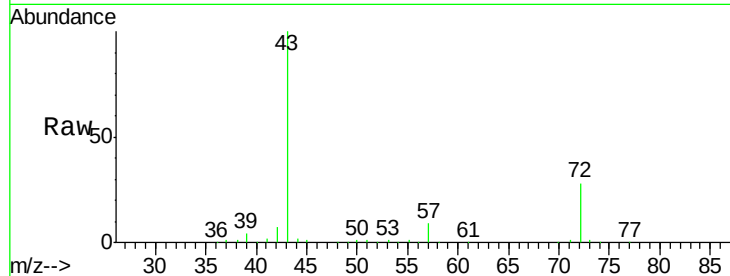
VSTDCCC050

Tot Ion: 43 Resp: 497455

Ion Ratio Lower Upper

43 100

72 27.5 20.2 30.2



#26

2,2-Dichloropropane

Concen: 49.62 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000289.D

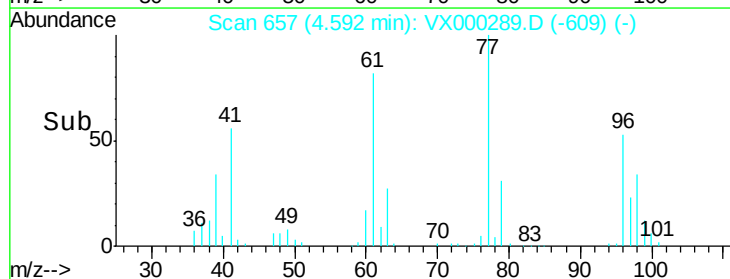
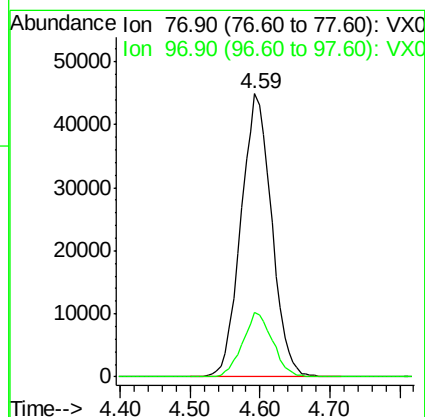
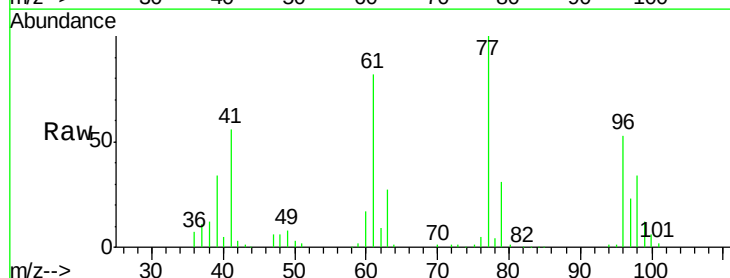
Acq: 13 Mar 2018 09:58

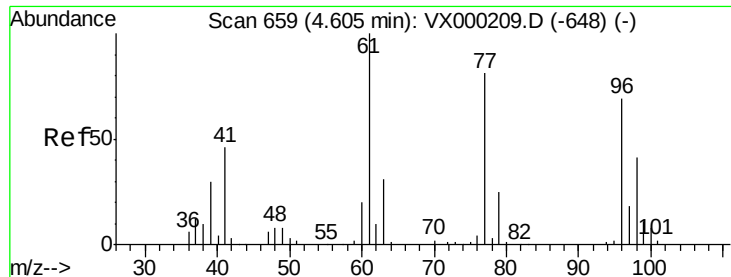
Tgt Ion: 77 Resp: 136410

Ion Ratio Lower Upper

77 100

97 22.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 47.04 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

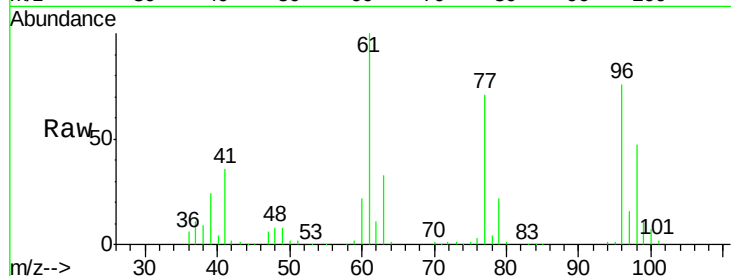
Tot Ion: 96 Resp: 94876

Ion Ratio Lower Upper

96 100

61 142.9 0.0 296.4

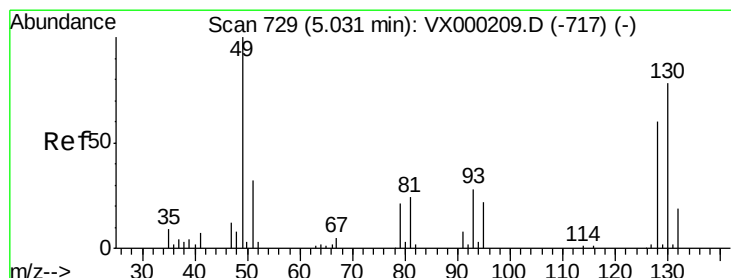
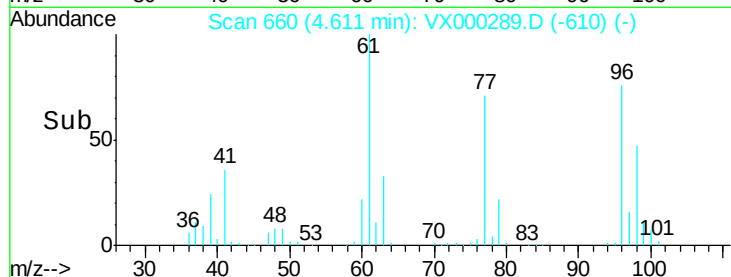
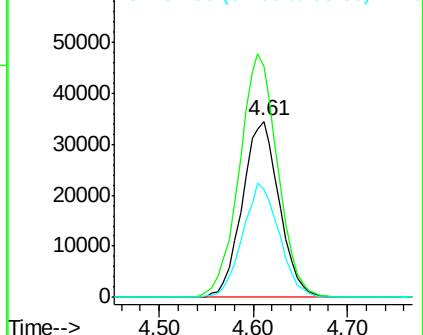
98 64.2 0.0 130.6



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



#28

Bromochloromethane

Concen: 47.68 ug/l

RT: 5.03 min Scan# 729

Delta R.T. -0.00 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

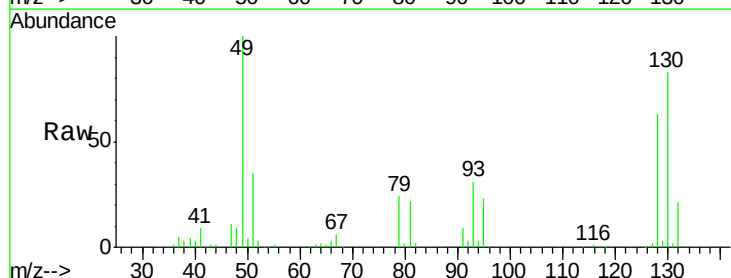
Tgt Ion: 49 Resp: 76222

Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.0

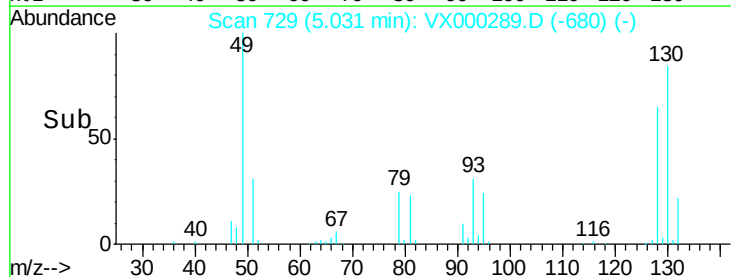
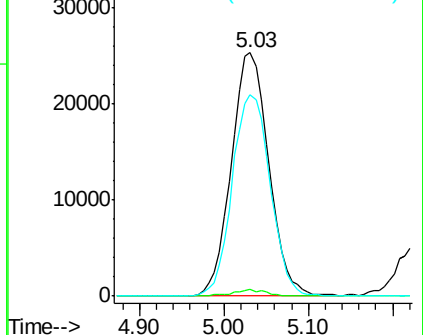
130 83.8 63.5 95.3

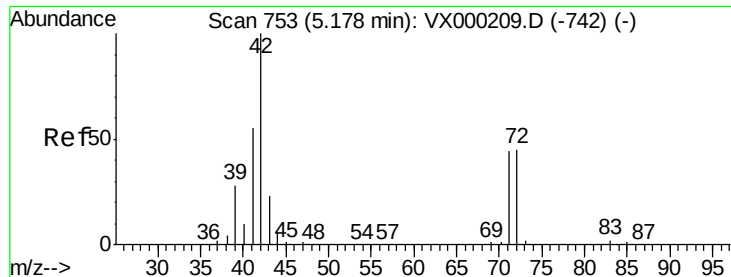


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

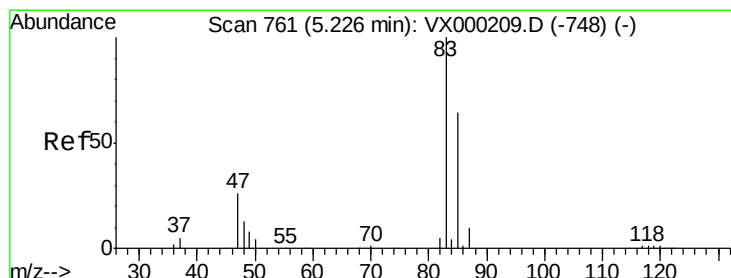
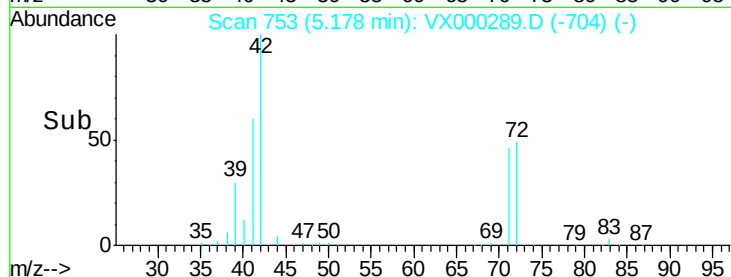
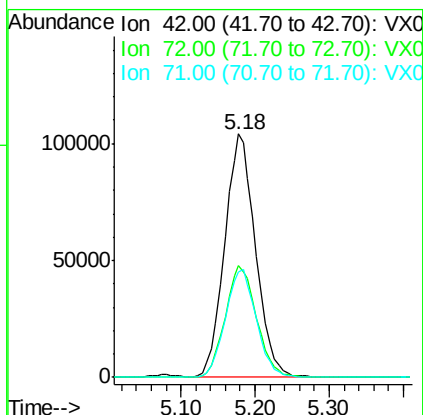
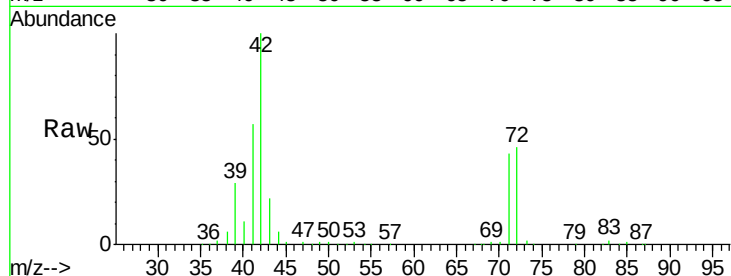




#29
Tetrahydrofuran
Concen: 211.38 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000289.D
Acq: 13 Mar 2018 09:58

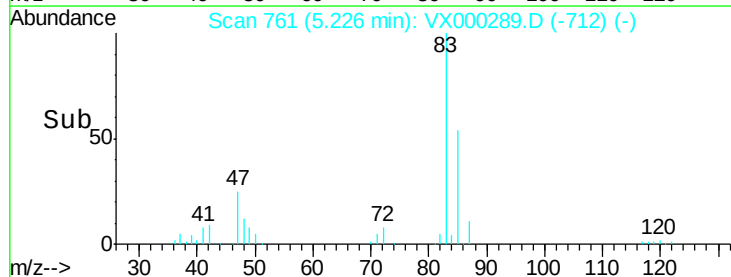
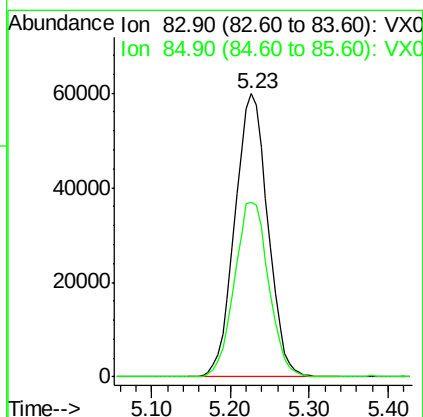
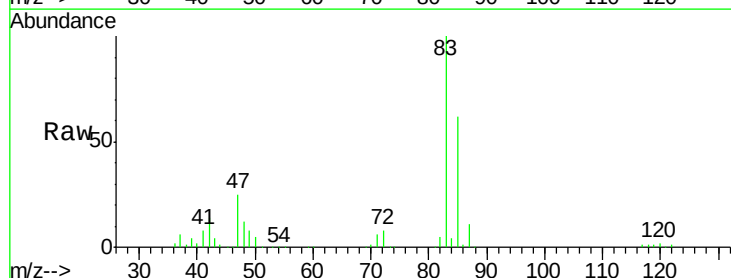
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

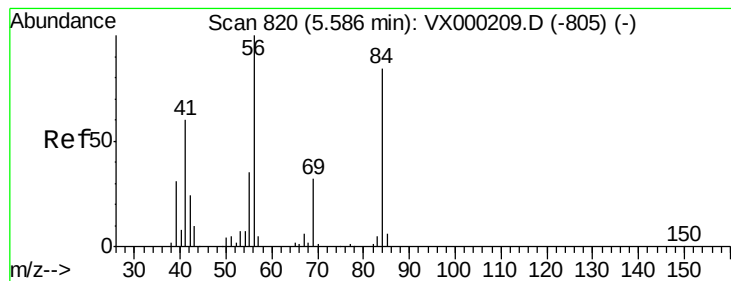
Tot Ion: 42 Resp: 299118
Ion Ratio Lower Upper
42 100
72 47.1 37.3 55.9
71 44.6 35.0 52.4



#30
Chloroform
Concen: 47.93 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000289.D
Acq: 13 Mar 2018 09:58

Tgt Ion: 83 Resp: 174317
Ion Ratio Lower Upper
83 100
85 61.6 51.0 76.6





#31

Cyclohexane

Concen: 48.13 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

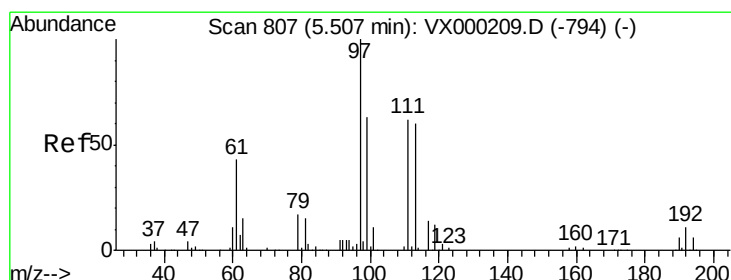
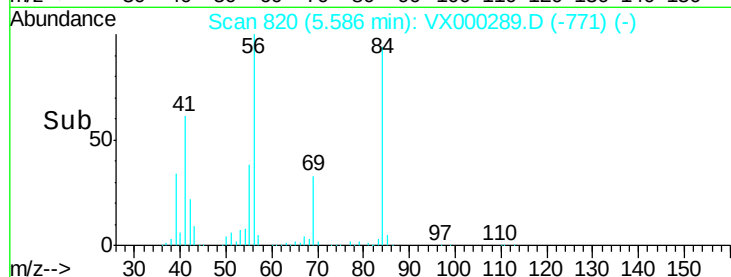
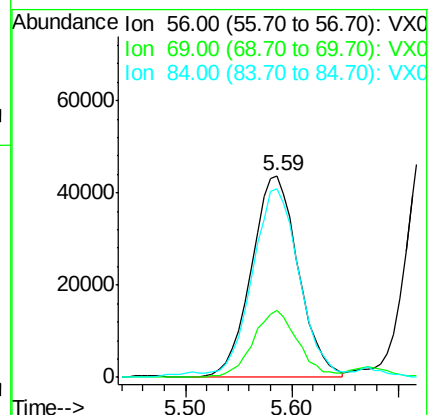
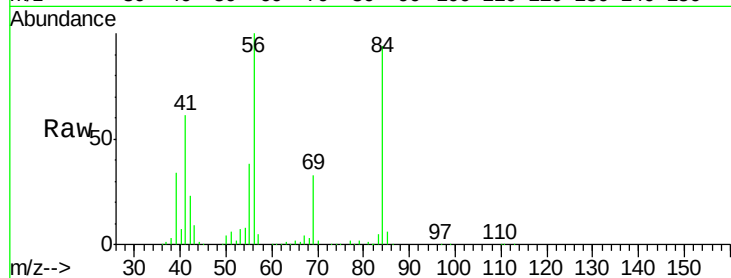
Tot Ion: 56 Resp: 133879

Ion Ratio Lower Upper

56 100

69 32.9 25.3 37.9

84 91.2 67.2 100.8



#32

1,1,1-Trichloroethane

Concen: 50.01 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

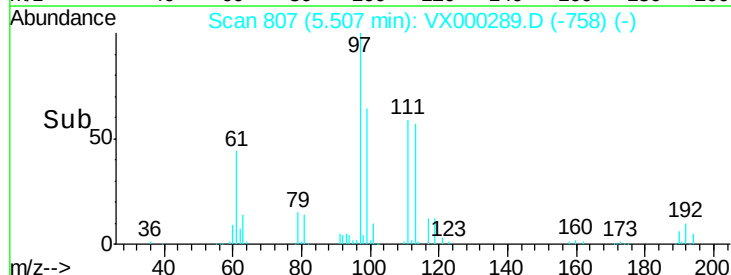
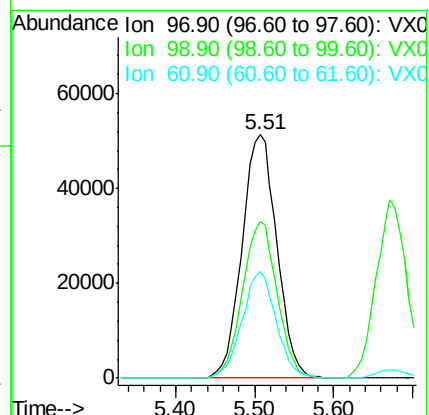
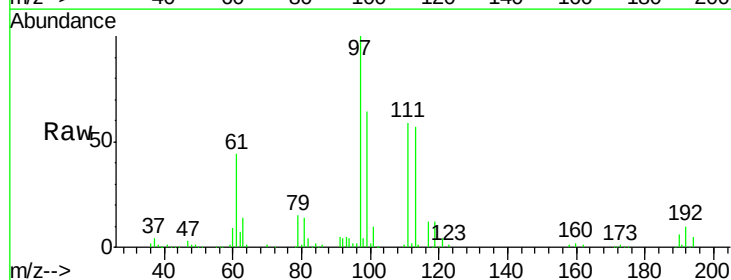
Tgt Ion: 97 Resp: 157678

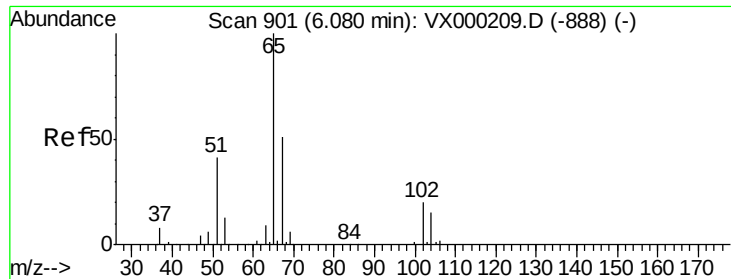
Ion Ratio Lower Upper

97 100

99 63.6 50.9 76.3

61 42.9 35.4 53.0

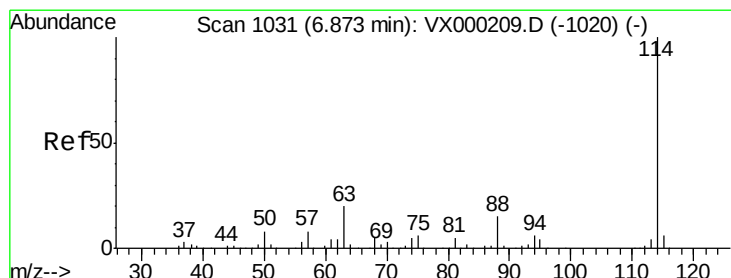
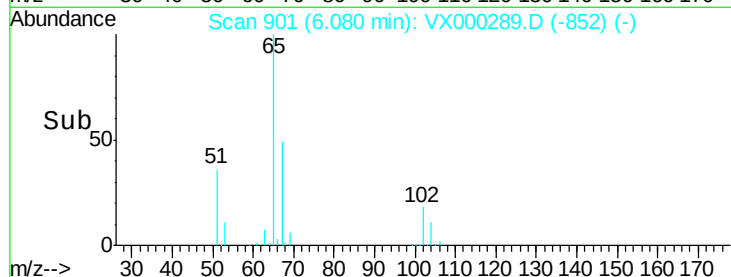
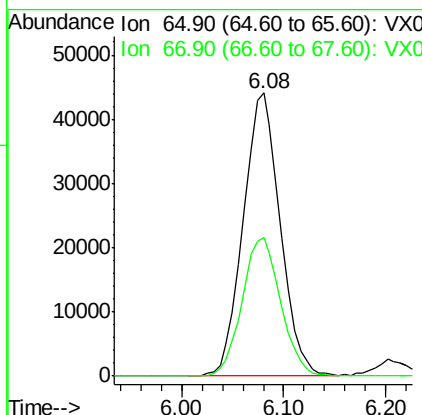
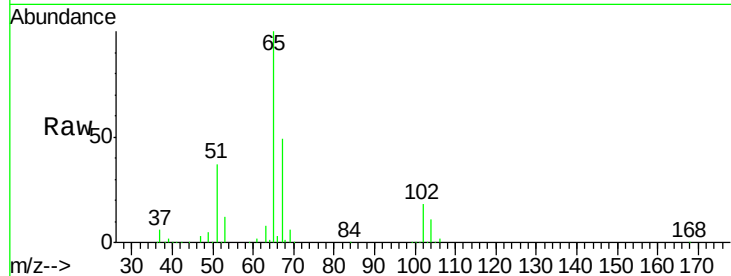




#33
 1,2-Dichloroethane-d4
 Concen: 43.80 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000289.D
 Acq: 13 Mar 2018 09:58

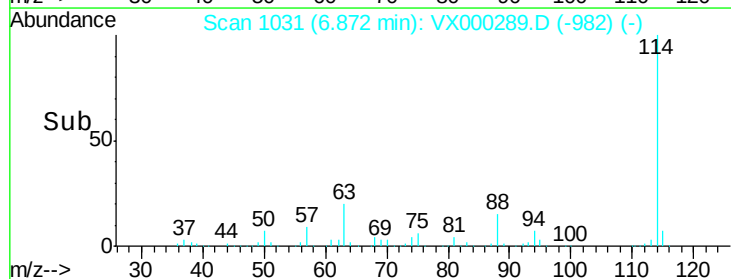
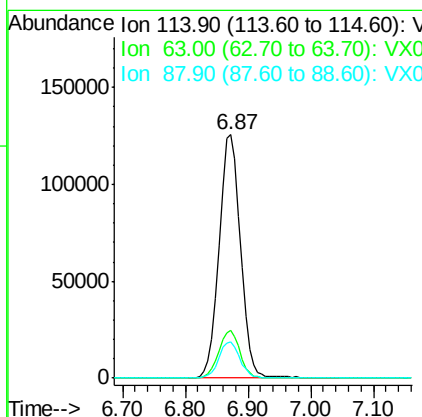
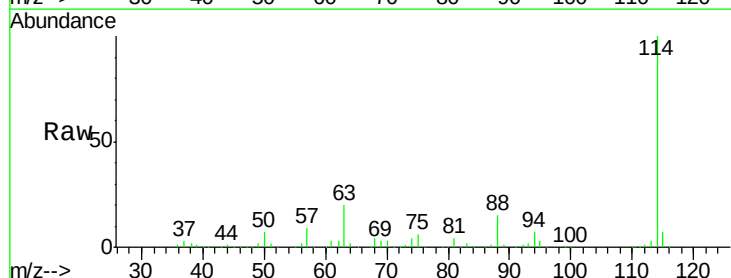
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

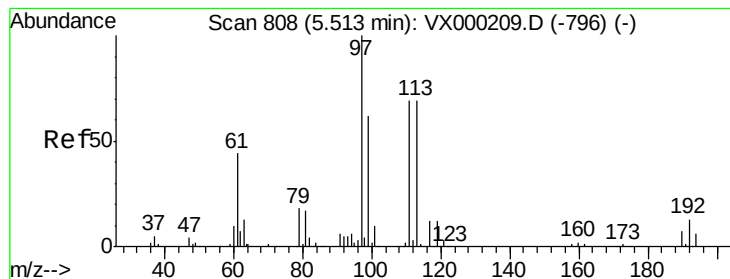
Tot Ion: 65 Resp: 111347
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000289.D
 Acq: 13 Mar 2018 09:58

Tgt Ion: 114 Resp: 298416
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.2
 88 15.1 0.0 29.8





#35

Dibromofluoromethane

Concen: 47.22 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

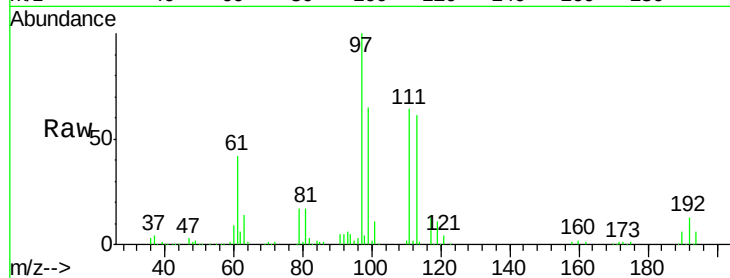
Tot Ion:113 Resp: 88514

Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.6

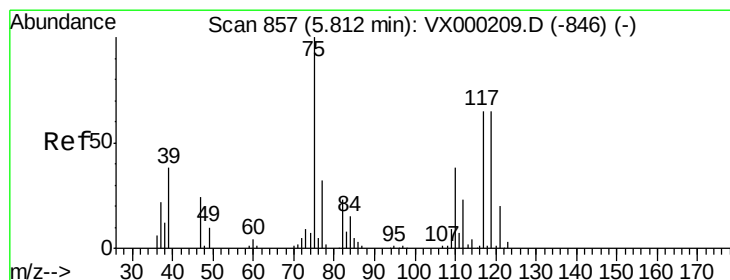
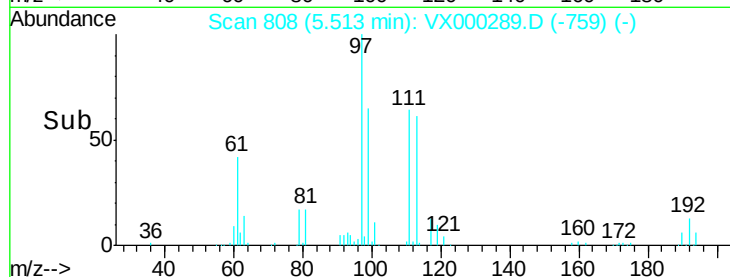
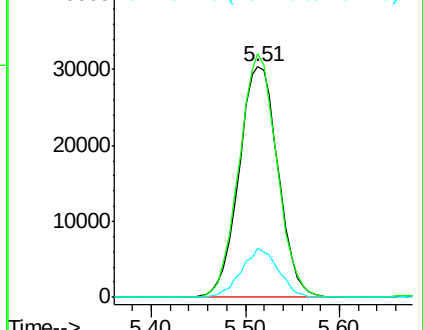
192 20.0 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.98 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

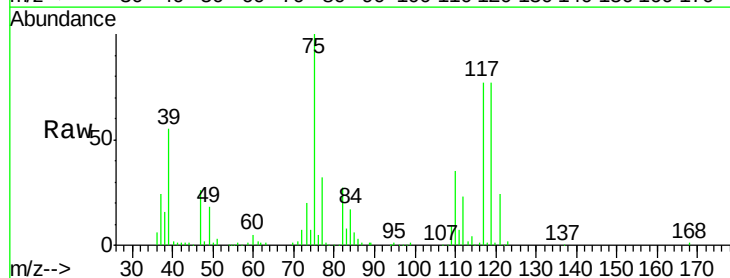
Tgt Ion: 75 Resp: 130054

Ion Ratio Lower Upper

75 100

110 36.0 17.8 53.5

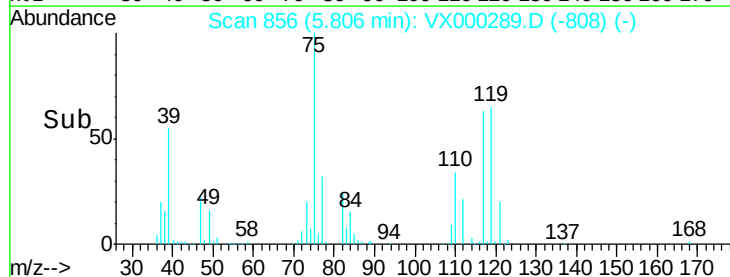
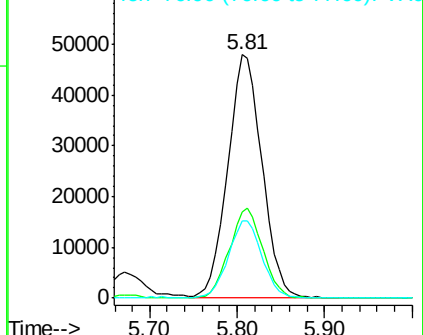
77 31.2 24.9 37.3

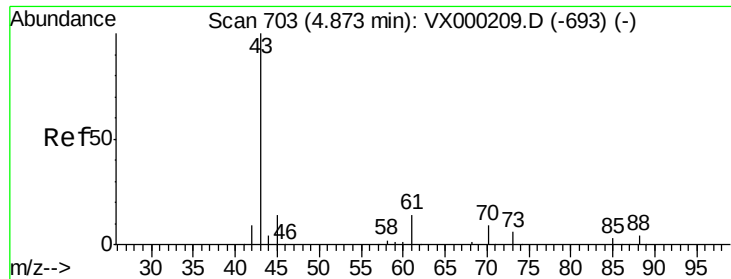


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

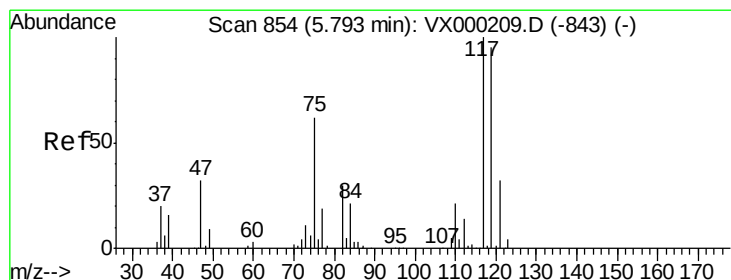
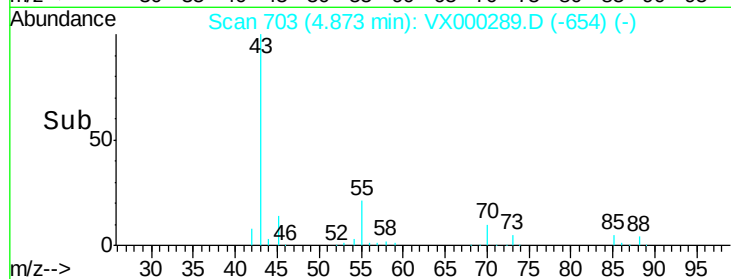
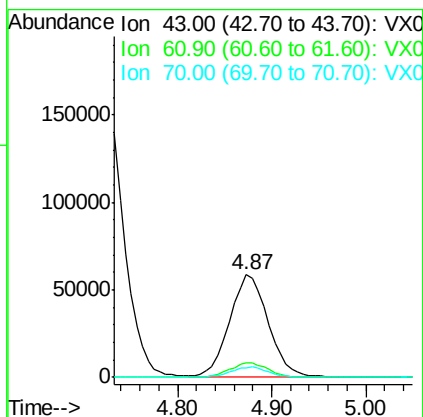
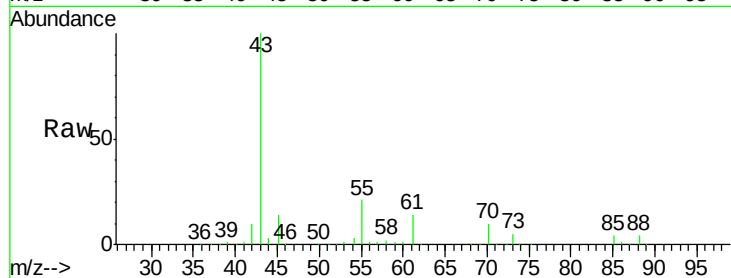




#37
Ethyl Acetate
Concen: 43.18 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000289.D
Acq: 13 Mar 2018 09:58

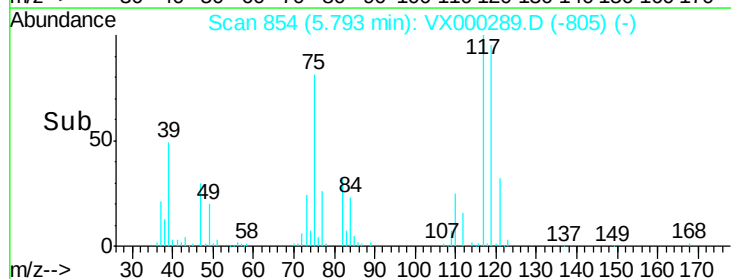
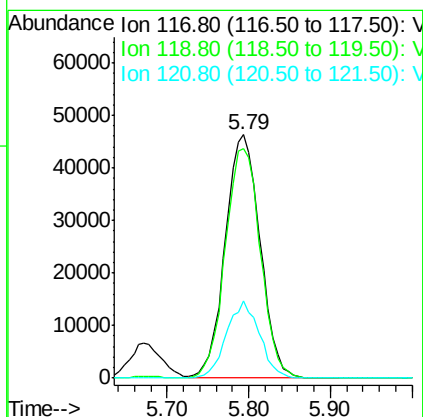
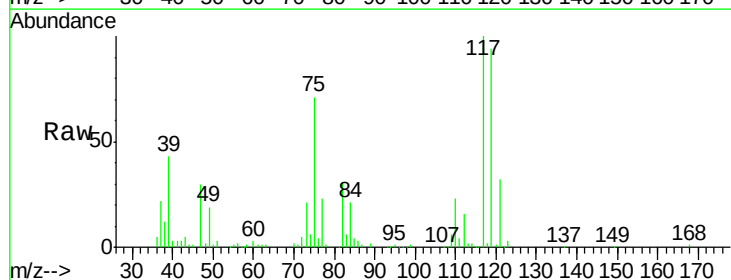
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

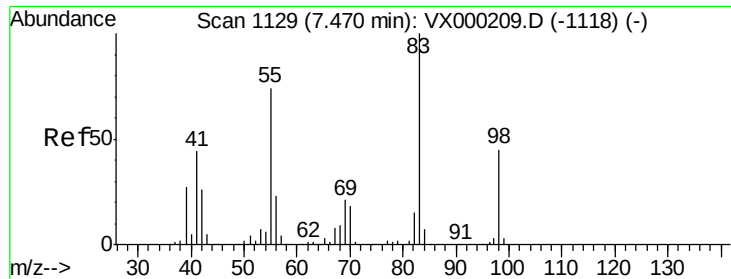
Tot Ion: 43 Resp: 165695
Ion Ratio Lower Upper
43 100
61 14.3 11.0 16.6
70 10.1 7.8 11.6



#38
Carbon Tetrachloride
Concen: 50.87 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000289.D
Acq: 13 Mar 2018 09:58

Tgt Ion: 117 Resp: 136694
Ion Ratio Lower Upper
117 100
119 94.1 75.9 113.9
121 32.0 25.8 38.6

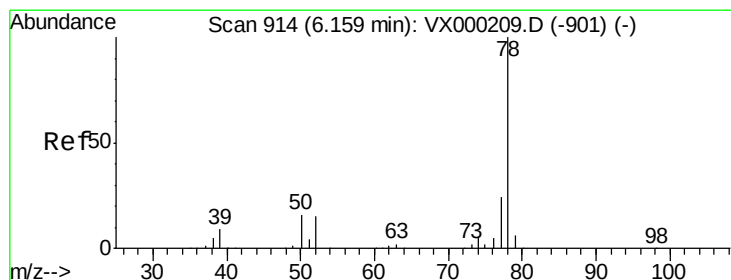
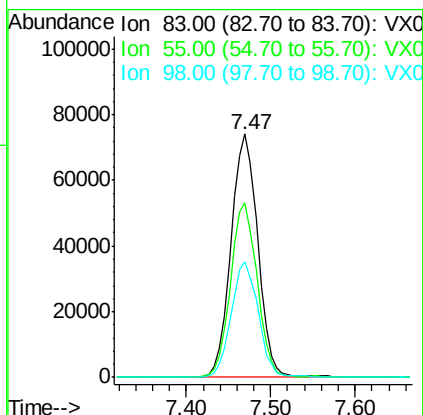
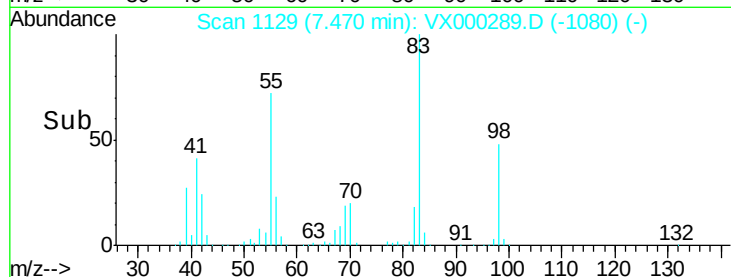
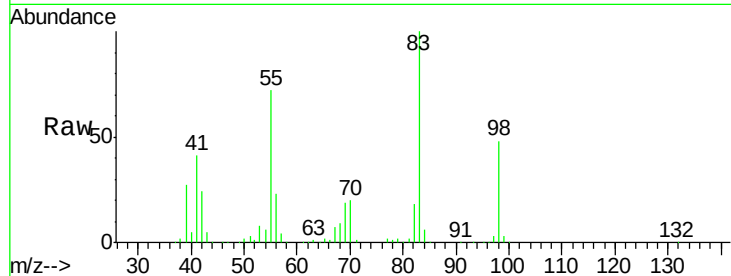




#39
Methylvlcyclohexane
Concen: 48.93 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000289.D
Acq: 13 Mar 2018 09:58

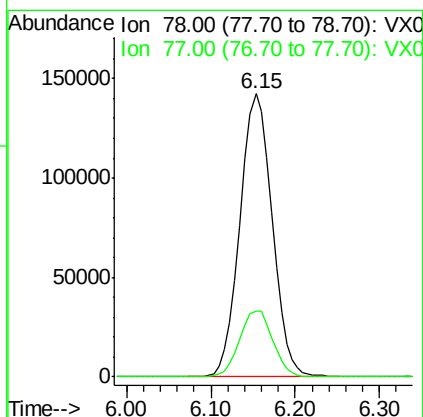
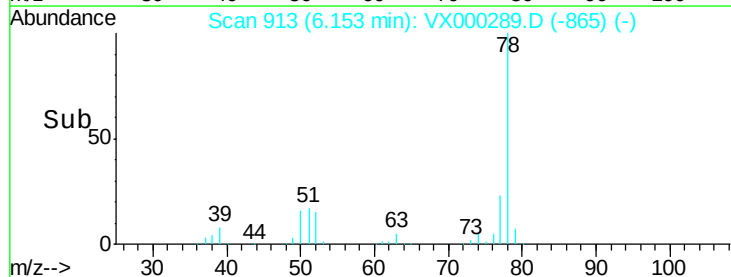
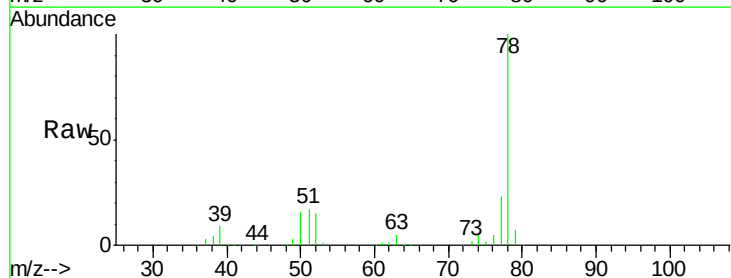
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

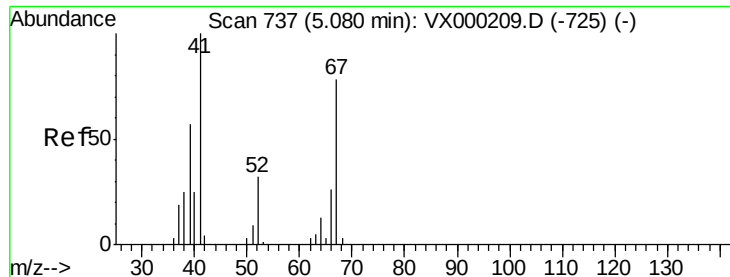
Tot Ion: 83 Resp: 159425
Ion Ratio Lower Upper
83 100
55 71.6 59.4 89.0
98 47.6 36.3 54.5



#40
Benzene
Concen: 48.17 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VX000289.D
Acq: 13 Mar 2018 09:58

Tgt Ion: 78 Resp: 368910
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.2





#41

Methacrylonitrile

Concen: 44.19 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.01 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 86428

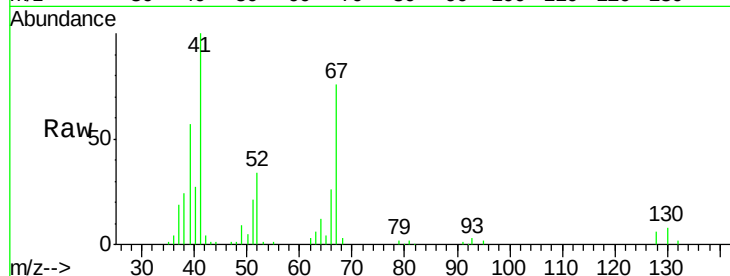
Ion Ratio Lower Upper

41 100

39 58.2 47.8 71.6

67 76.3 59.3 88.9

52 33.9 26.4 39.6

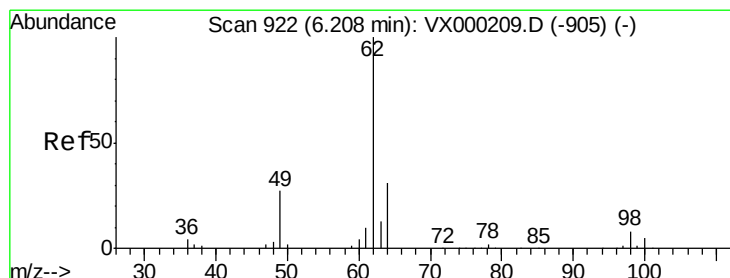
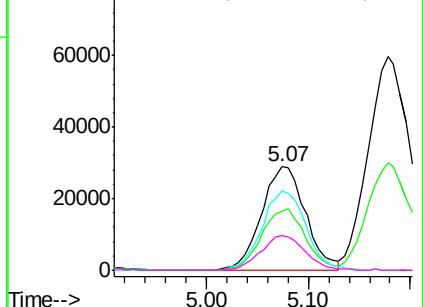
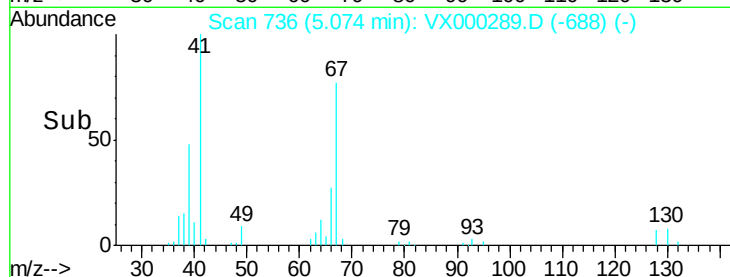


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 47.62 ug/l

RT: 6.21 min Scan# 922

Delta R.T. -0.00 min

Lab File: VX000289.D

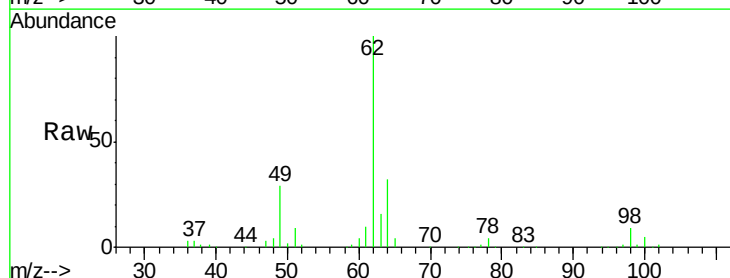
Acq: 13 Mar 2018 09:58

Tgt Ion: 62 Resp: 143045

Ion Ratio Lower Upper

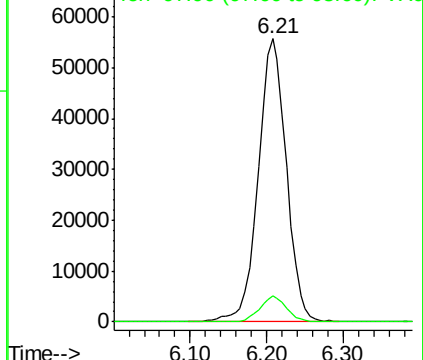
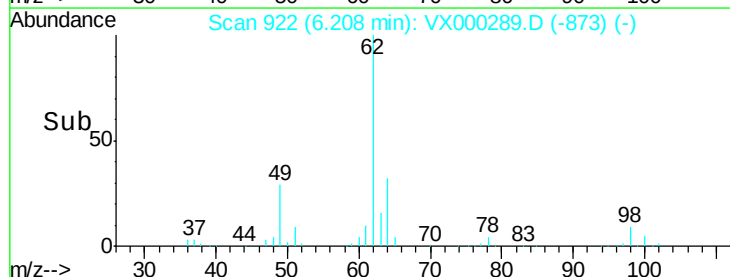
62 100

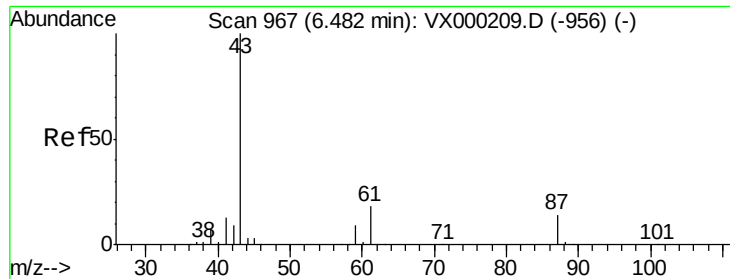
98 8.6 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 47.10 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

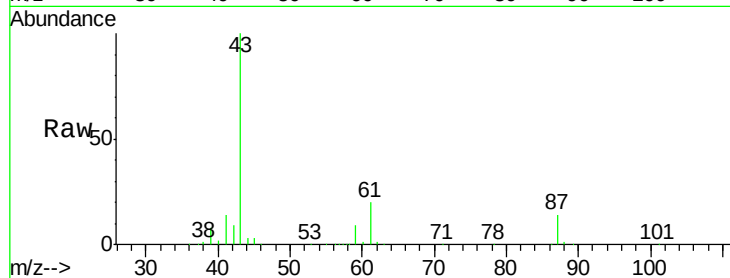
Tot Ion: 43 Resp: 261323

Ion Ratio Lower Upper

43 100

61 19.2 14.8 22.2

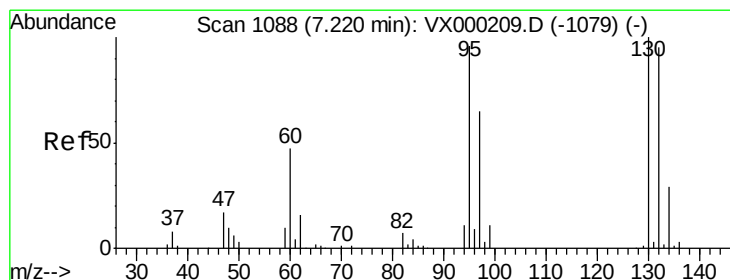
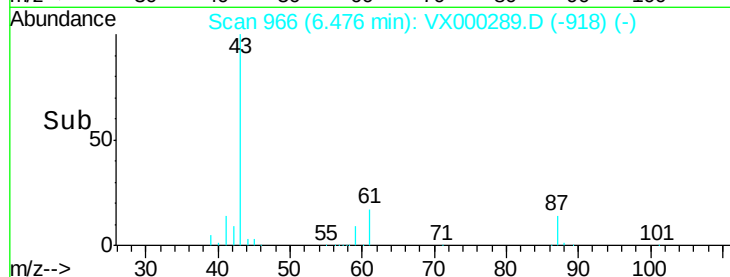
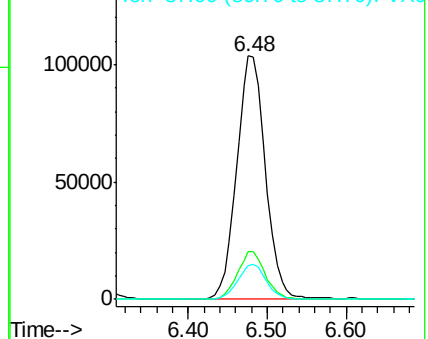
87 14.0 10.6 16.0



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: 50.05 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000289.D

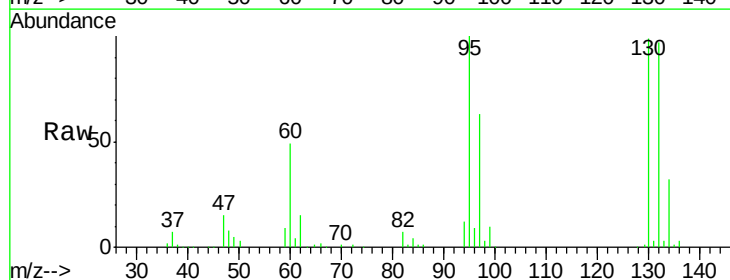
Acq: 13 Mar 2018 09:58

Tgt Ion:130 Resp: 109705

Ion Ratio Lower Upper

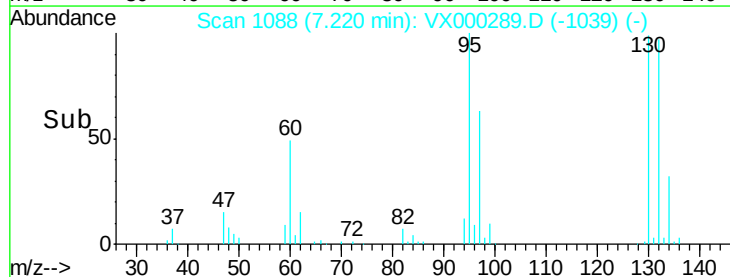
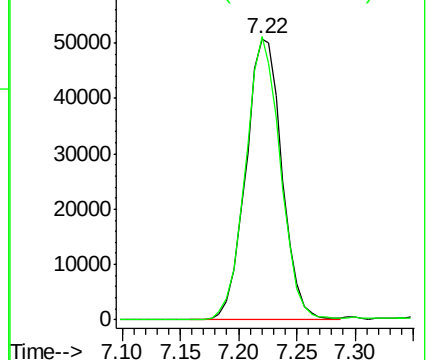
130 100

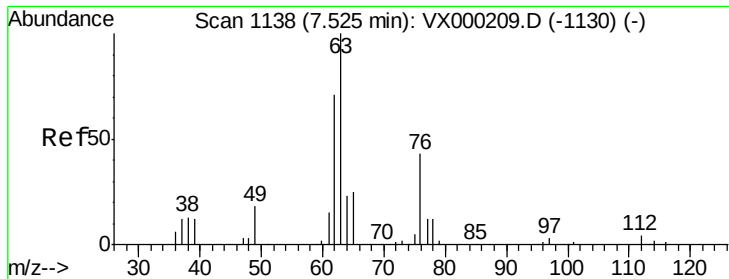
95 100.6 0.0 191.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 48.94 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

Instrument :

MSVOA_X

ClientSampled :

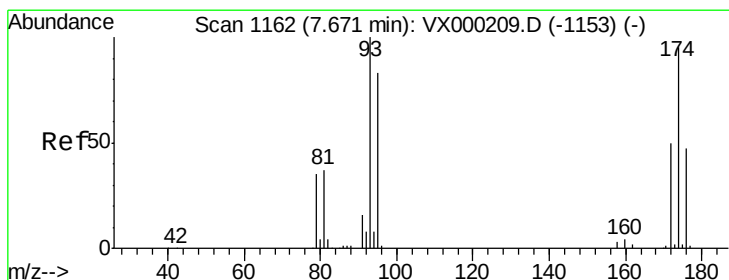
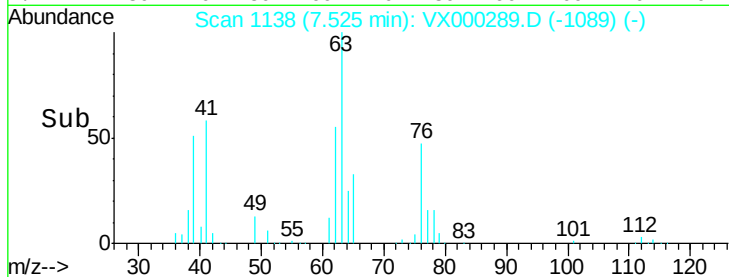
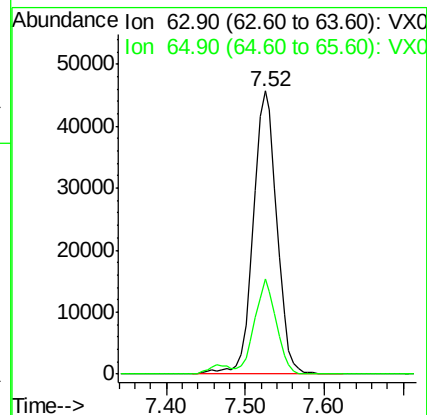
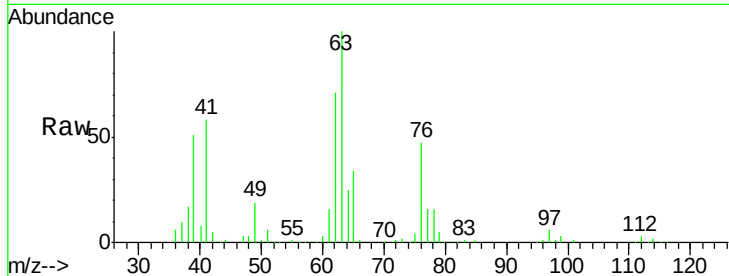
VSTDCCC050

Tot Ion: 63 Resp: 94919

Ion Ratio Lower Upper

63 100

65 33.6 22.3 33.5#



#46

Dibromomethane

Concen: 48.50 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

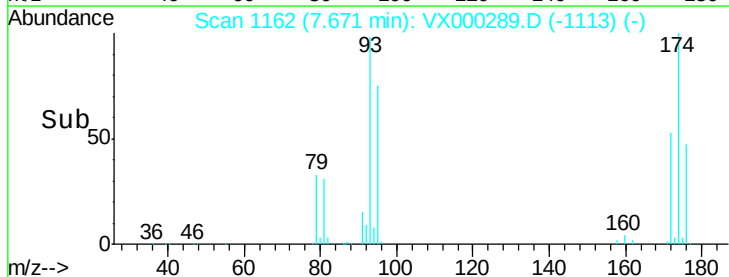
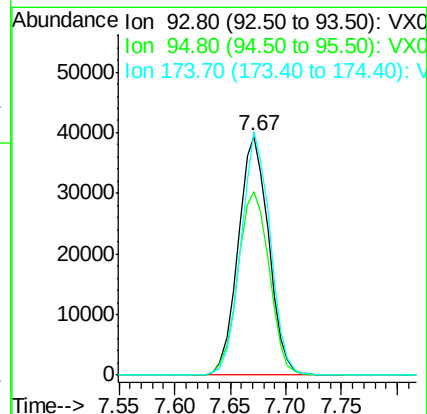
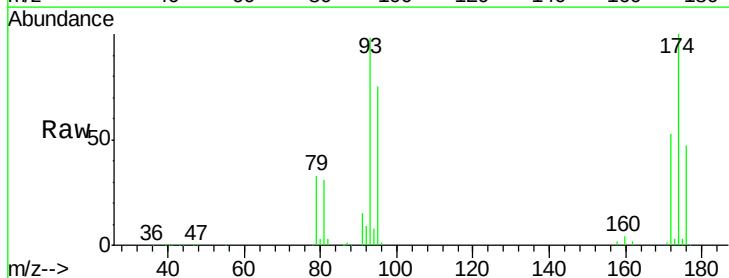
Tgt Ion: 93 Resp: 74432

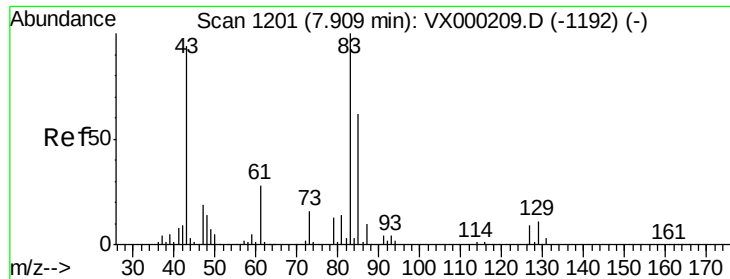
Ion Ratio Lower Upper

93 100

95 79.3 64.1 96.1

174 98.1 75.8 113.8





#47

Bromodichloromethane

Concen: 50.15 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

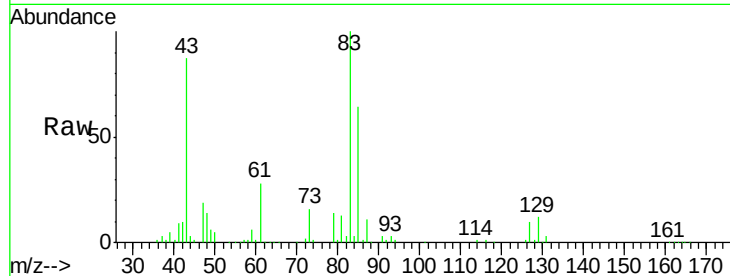
Tot Ion: 83 Resp: 135359

Ion Ratio Lower Upper

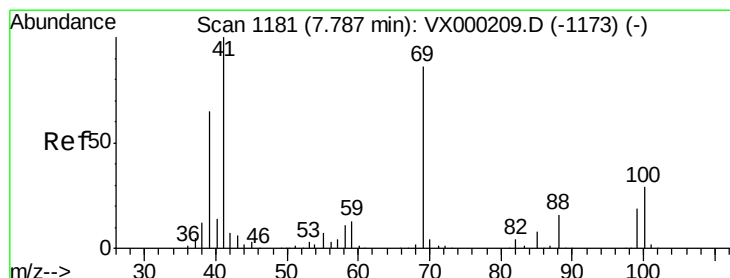
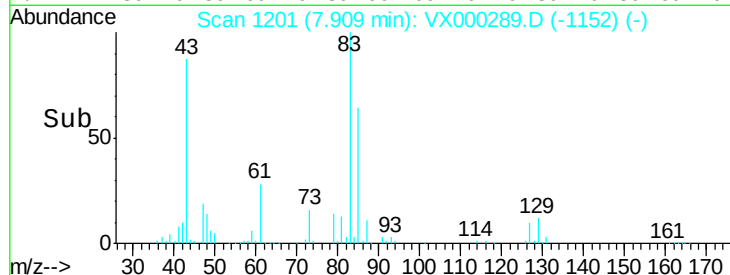
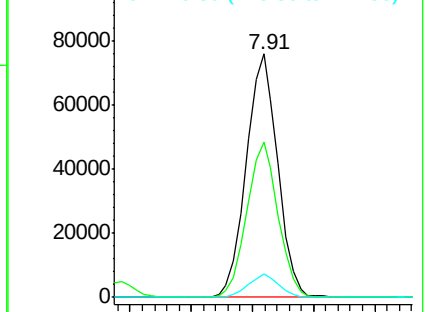
83 100

85 63.5 49.6 74.4

127 9.9 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: 46.18 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

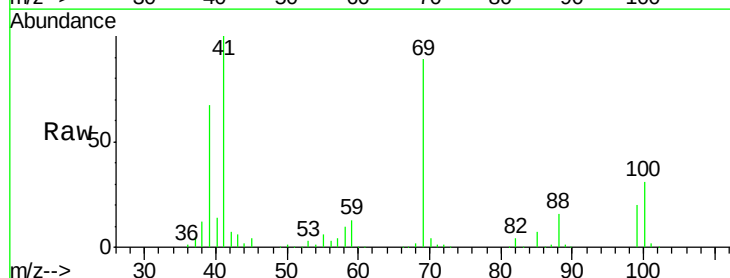
Tgt Ion: 41 Resp: 126208

Ion Ratio Lower Upper

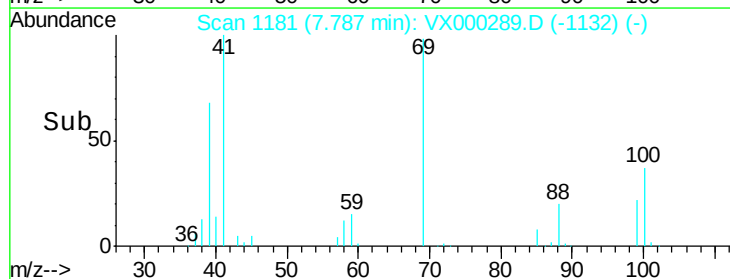
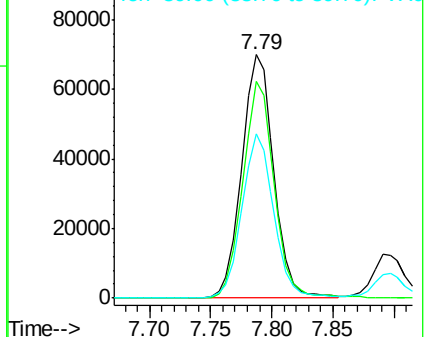
41 100

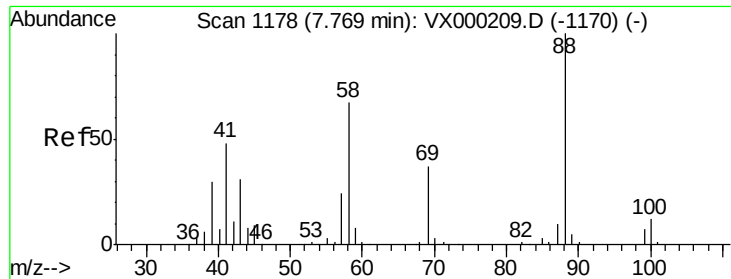
69 88.2 70.0 105.0

39 66.7 53.6 80.4



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

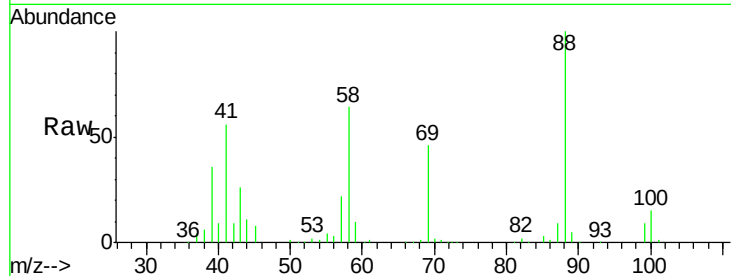




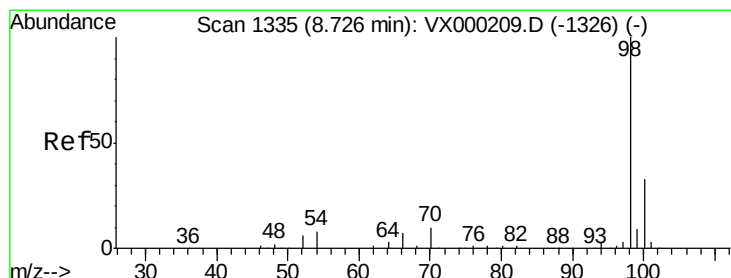
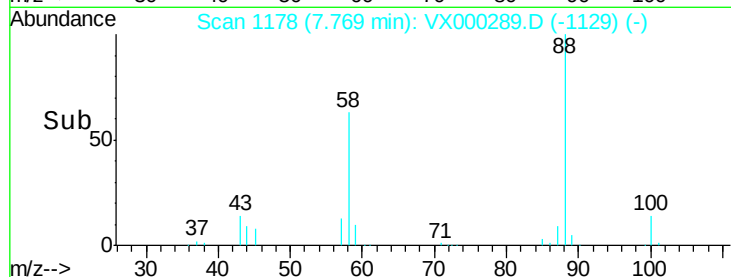
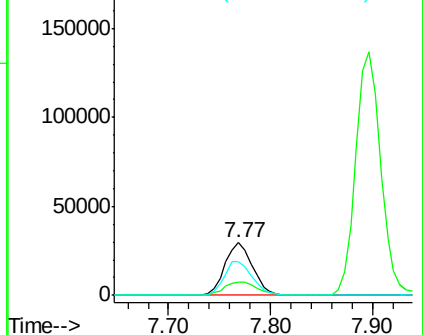
#49
1,4-Dioxane
Concen: 899.61 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000289.D
Acq: 13 Mar 2018 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 55808
Ion Ratio Lower Upper
88 100
43 31.9 26.9 40.3
58 65.9 52.2 78.4

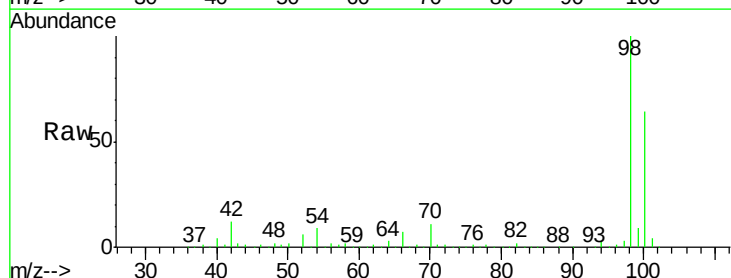


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

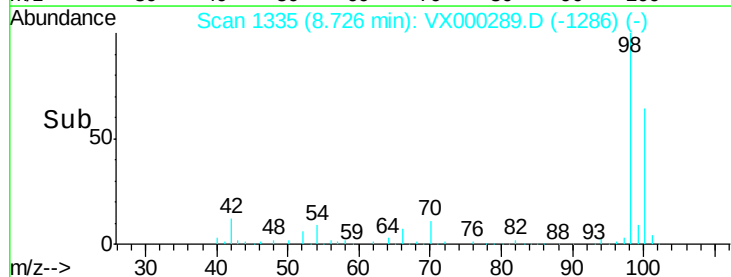
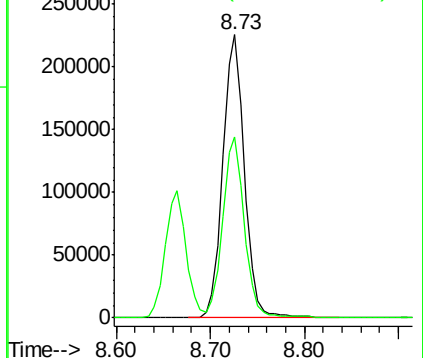


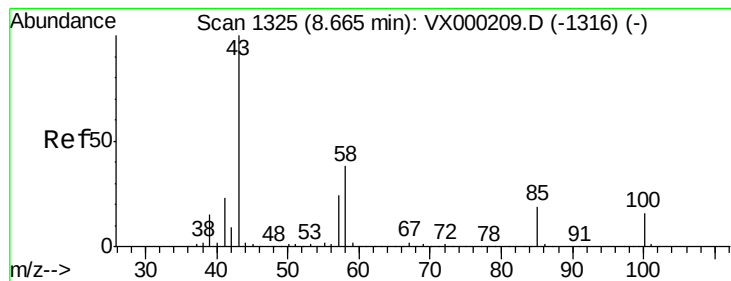
#50
Toluene-d8
Concen: 46.17 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000289.D
Acq: 13 Mar 2018 09:58

Tgt Ion: 98 Resp: 358443
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 230.80 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.01 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

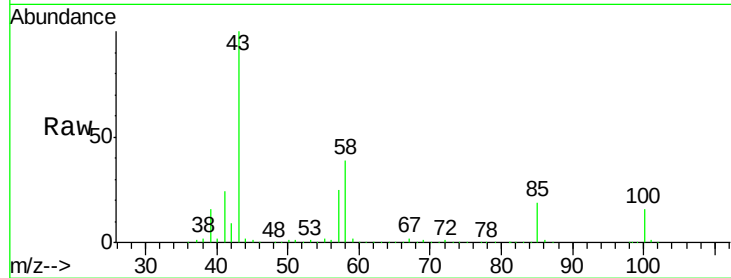
VSTDCCC050

Tot Ion: 43 Resp: 966481

Ion Ratio Lower Upper

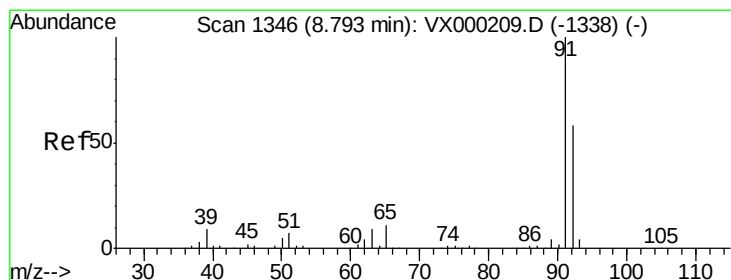
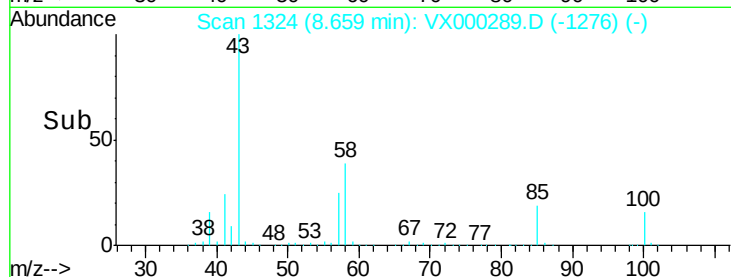
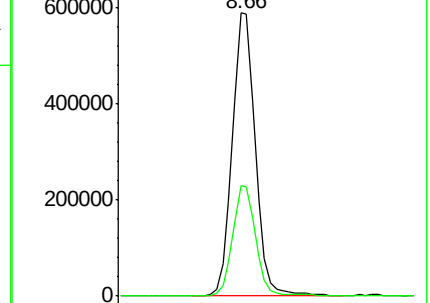
43 100

58 39.1 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.30 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000289.D

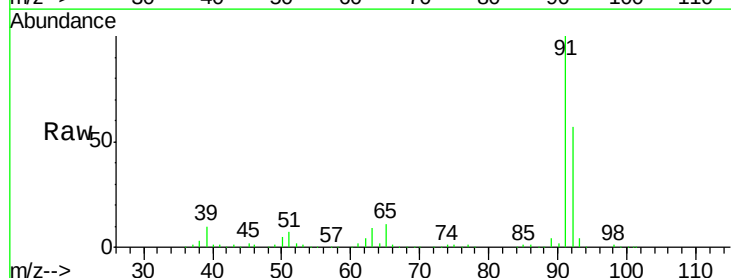
Acq: 13 Mar 2018 09:58

Tgt Ion: 92 Resp: 264024

Ion Ratio Lower Upper

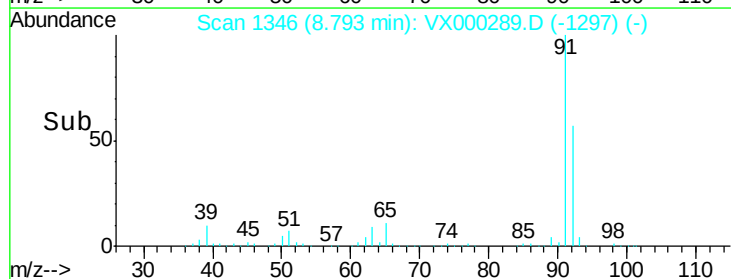
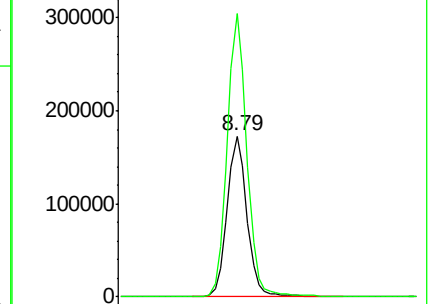
92 100

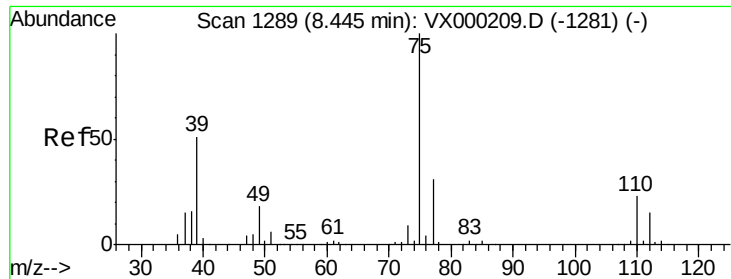
91 174.5 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

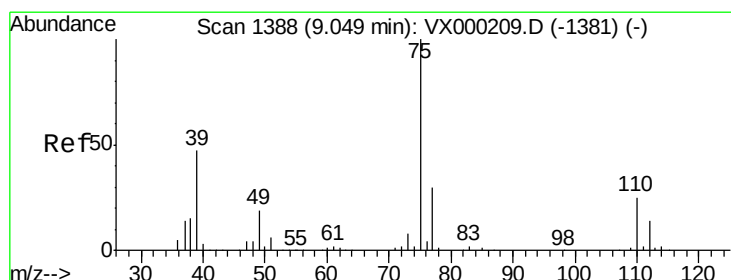
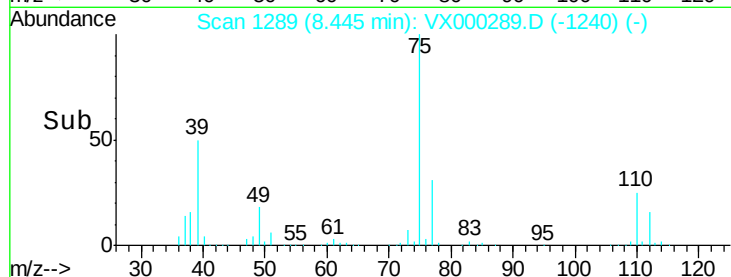
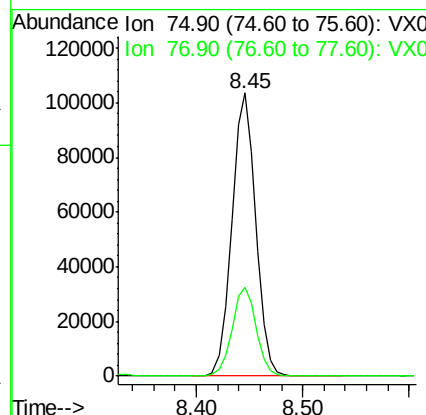
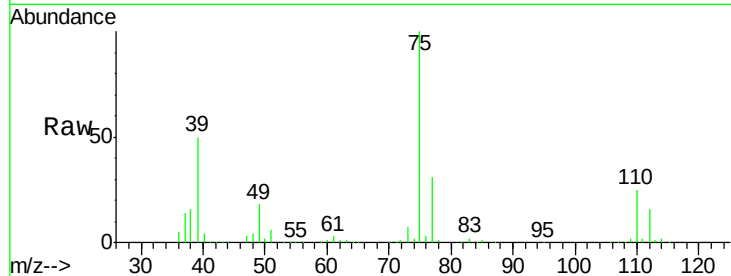




#53
 t-1,3-Dichloropropene
 Concen: 51.02 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000289.D
 Acq: 13 Mar 2018 09:58

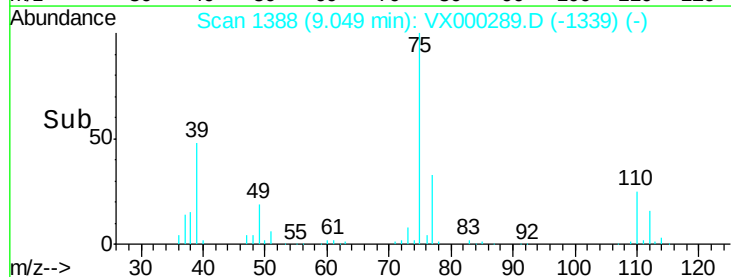
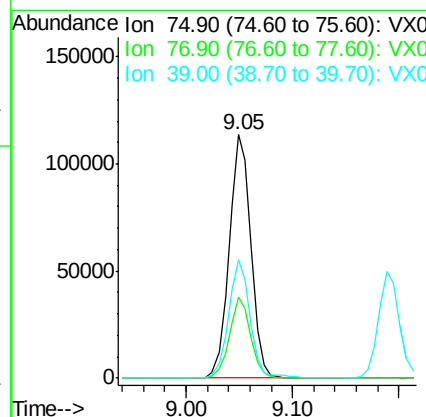
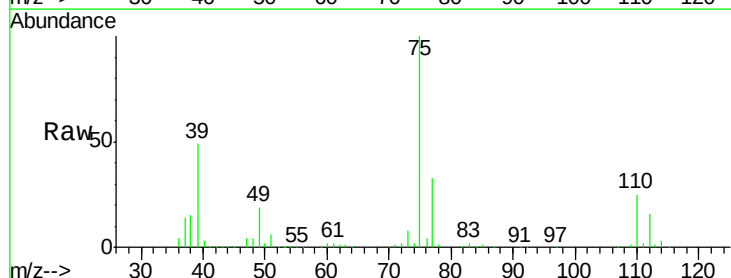
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

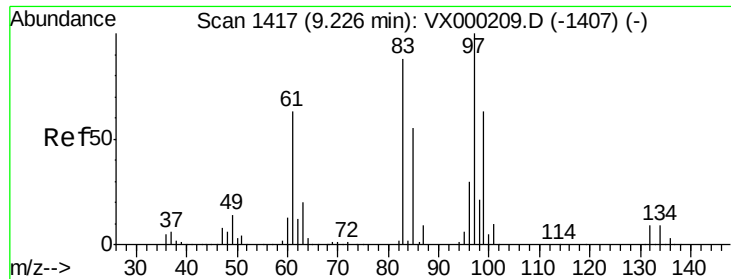
Tot Ion: 75 Resp: 162298
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 52.43 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000289.D
 Acq: 13 Mar 2018 09:58

Tgt Ion: 75 Resp: 161334
 Ion Ratio Lower Upper
 75 100
 77 33.4 23.9 35.9
 39 48.6 37.4 56.2

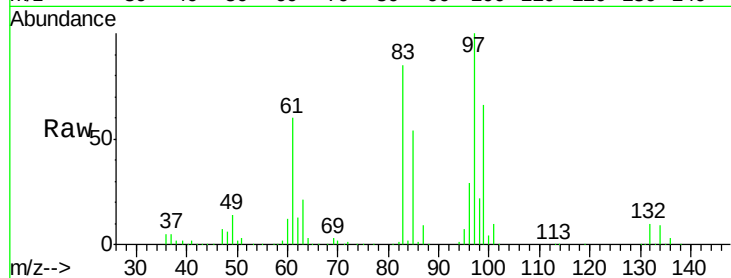




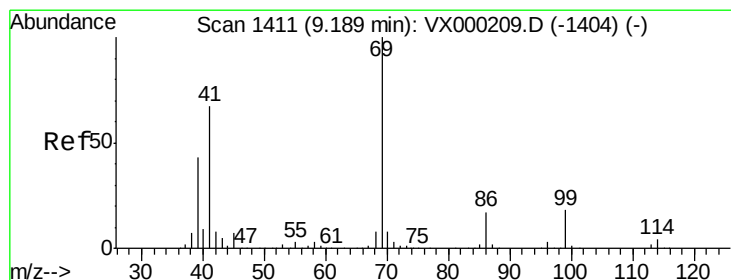
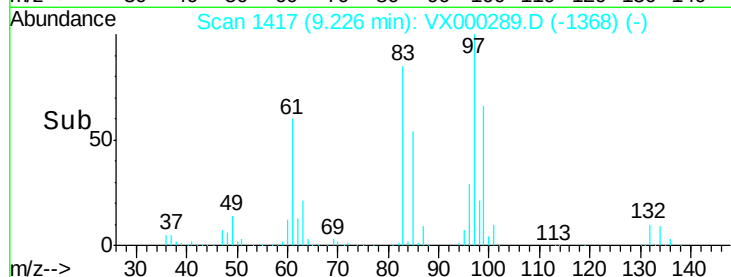
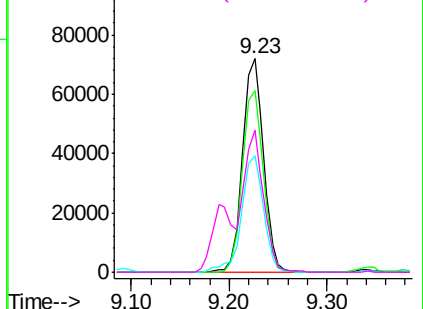
#55
 1,1,2-Trichloroethane
 Concen: 50.41 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000289.D
 Acq: 13 Mar 2018 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 107165
 Ion Ratio Lower Upper
 97 100
 83 84.9 70.4 105.6
 85 54.4 43.9 65.9
 99 66.3 50.5 75.7

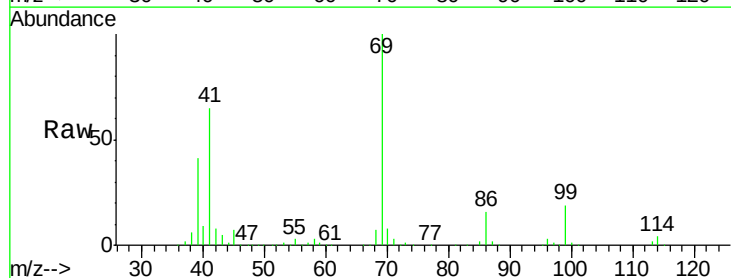


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

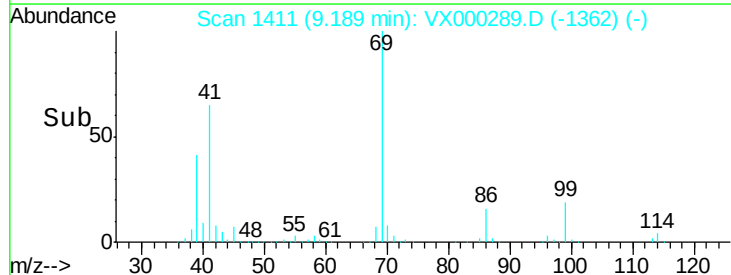
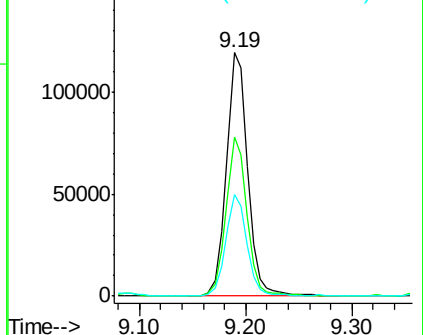


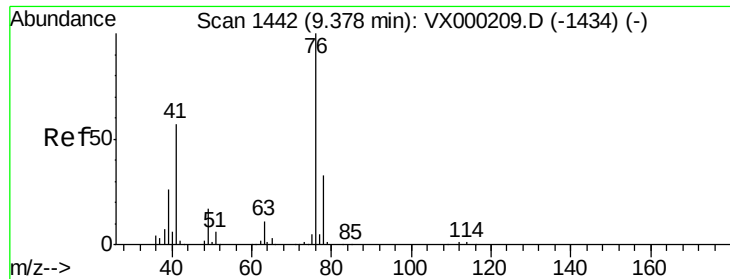
#56
 Ethyl methacrylate
 Concen: 52.87 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000289.D
 Acq: 13 Mar 2018 09:58

Tgt Ion: 69 Resp: 168195
 Ion Ratio Lower Upper
 69 100
 41 64.3 52.2 78.2
 39 41.2 34.3 51.5



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

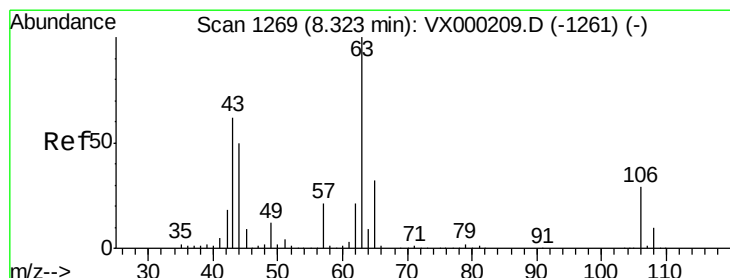
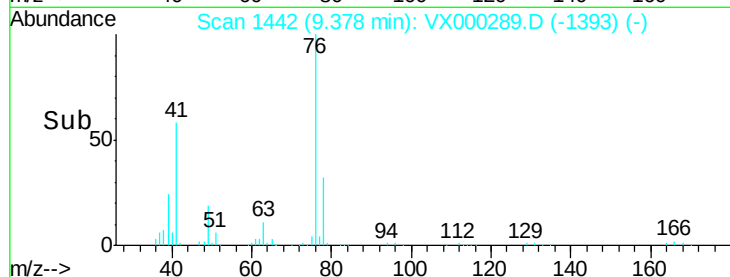
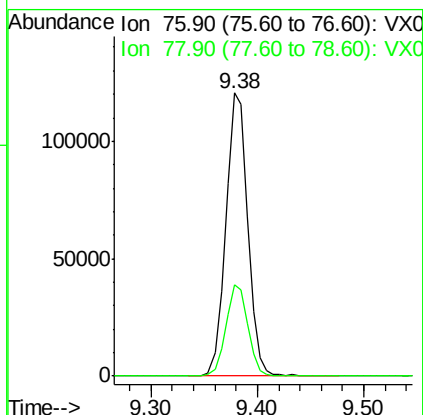
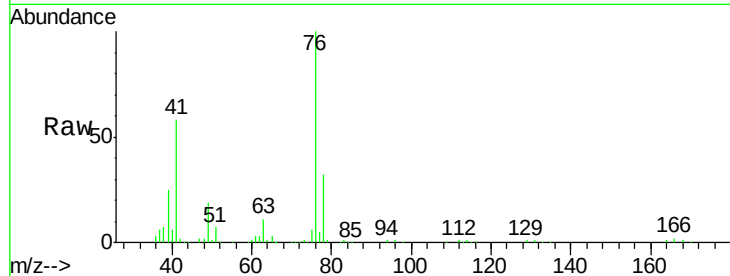




#57
 1,3-Dichloropropane
 Concen: 48.62 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000289.D
 Acq: 13 Mar 2018 09:58

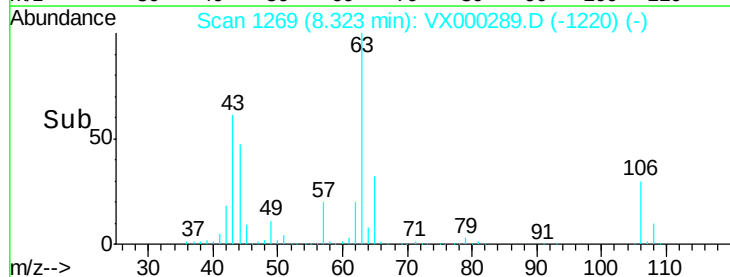
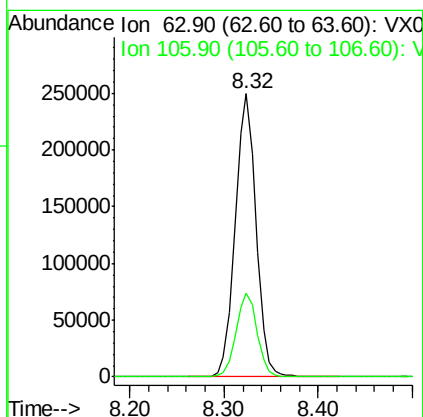
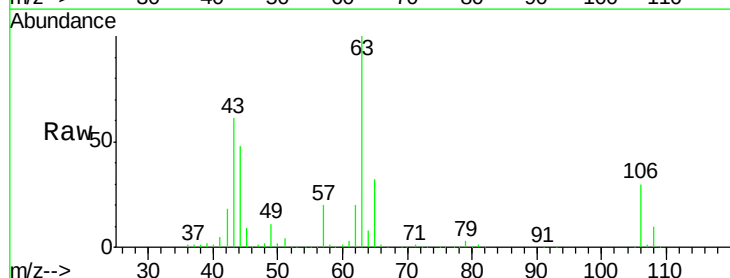
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

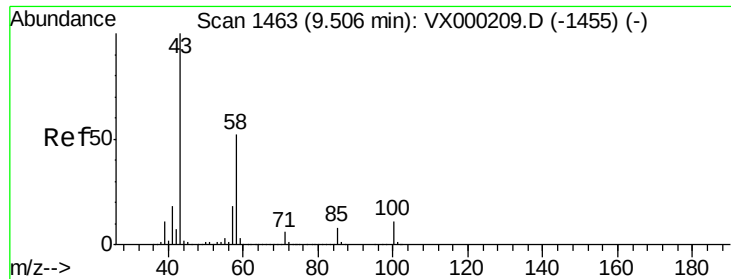
Tot Ion: 76 Resp: 173552
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.72 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000289.D
 Acq: 13 Mar 2018 09:58

Tgt Ion: 63 Resp: 381832
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.2 34.8

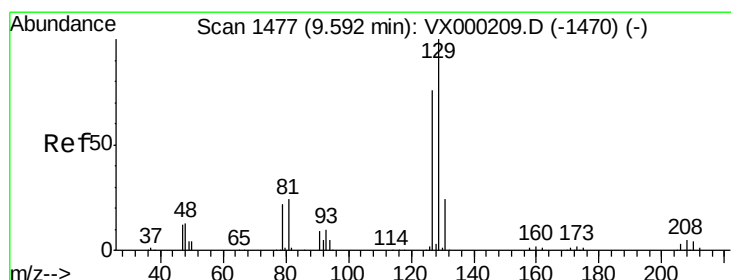
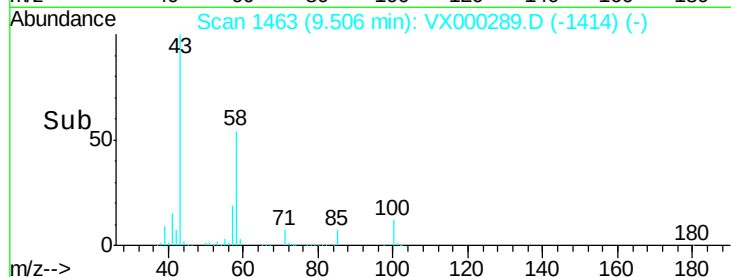
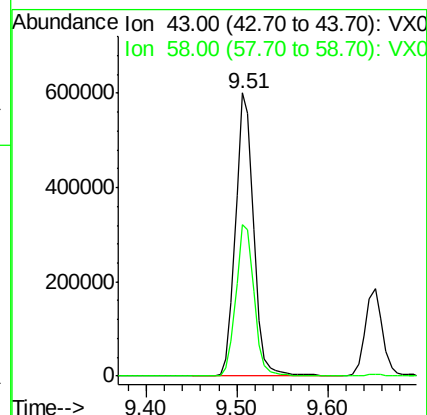
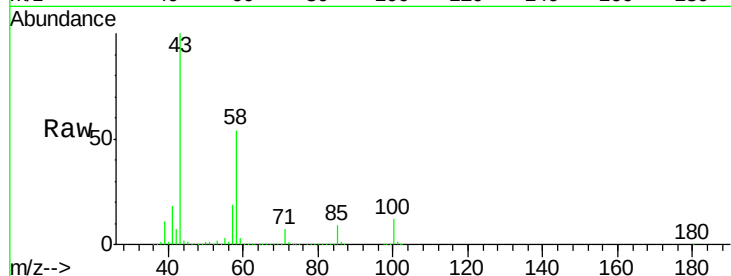




#59
2-Hexanone
Concen: 233.05 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000289.D
Acq: 13 Mar 2018 09:58

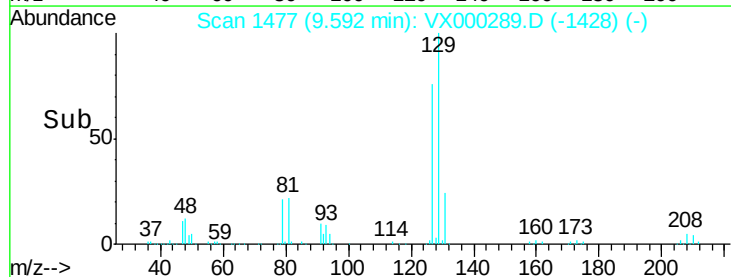
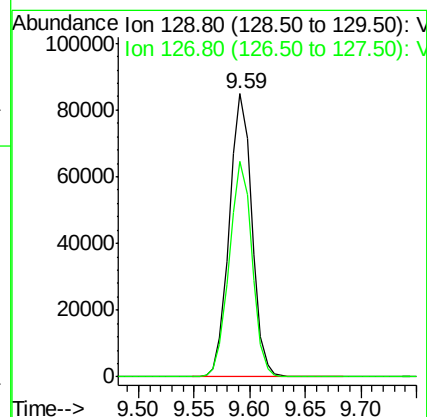
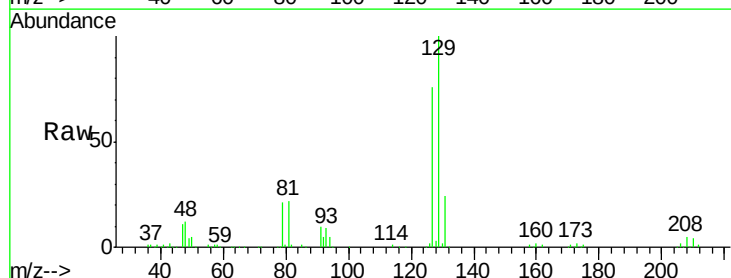
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

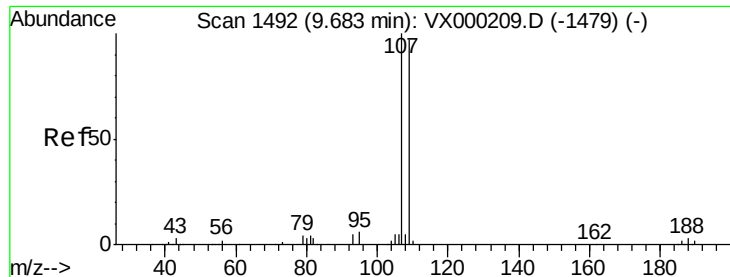
Tot Ion: 43 Resp: 832124
Ion Ratio Lower Upper
43 100
58 54.0 26.6 79.7



#60
Dibromochloromethane
Concen: 53.25 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000289.D
Acq: 13 Mar 2018 09:58

Tgt Ion: 129 Resp: 119351
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.2





#61

1,2-Dibromoethane

Concen: 51.72 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

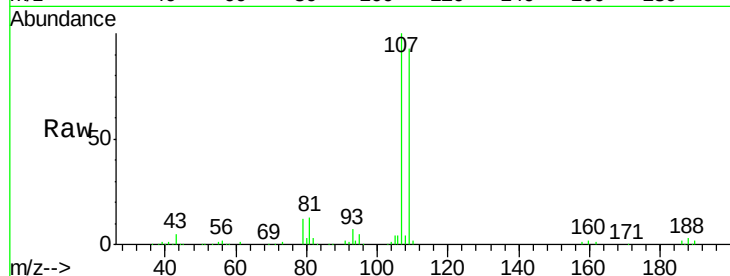
VSTDCCC050

Tot Ion:107 Resp: 122084

Ion Ratio Lower Upper

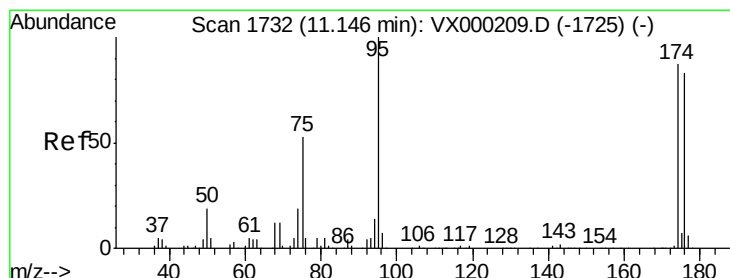
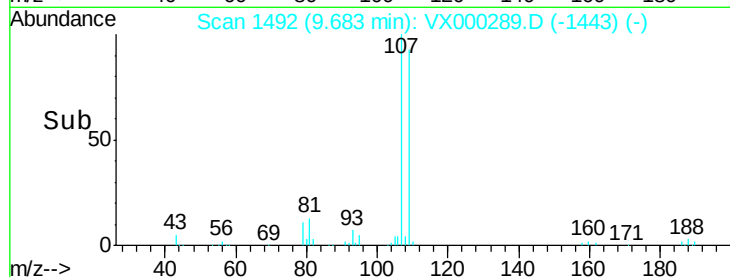
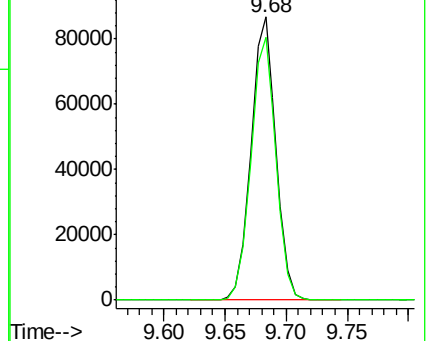
107 100

109 93.8 76.8 115.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.71 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

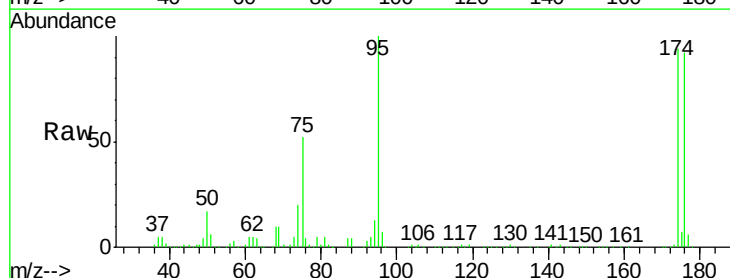
Tgt Ion: 95 Resp: 144572

Ion Ratio Lower Upper

95 100

174 92.7 0.0 175.6

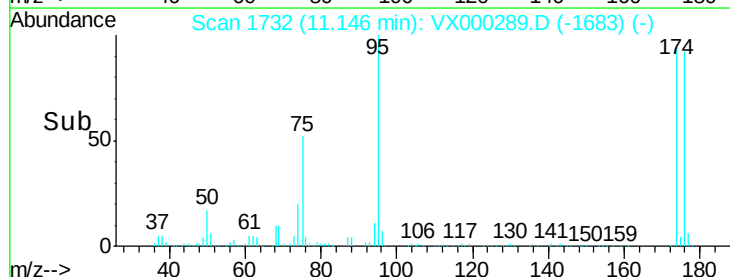
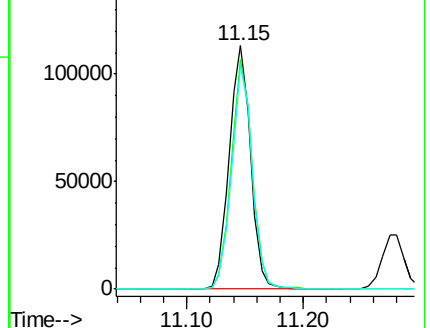
176 89.1 0.0 171.0

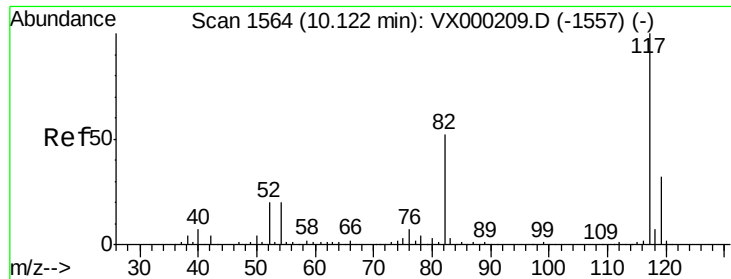


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

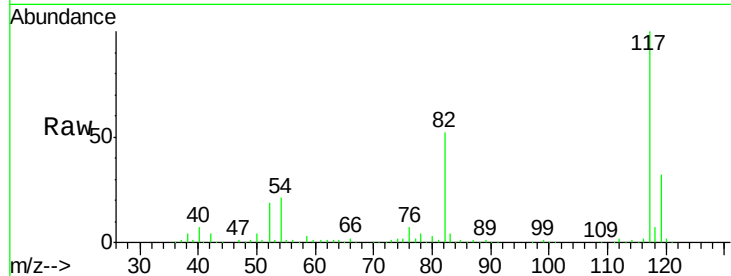




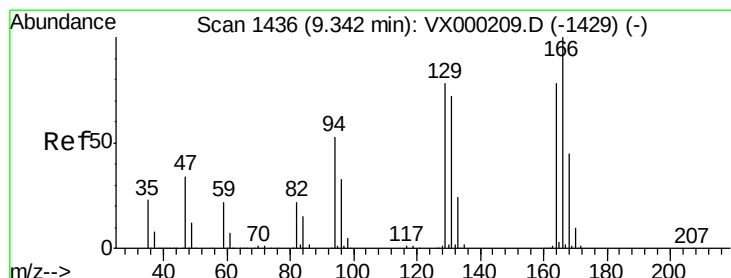
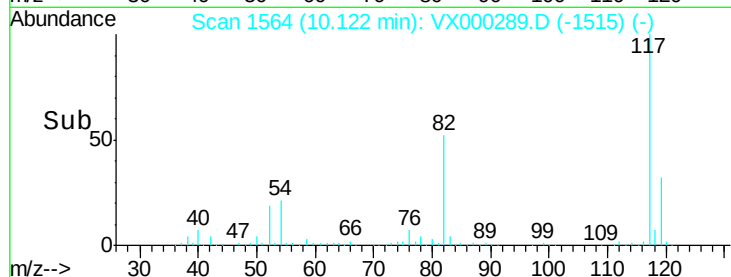
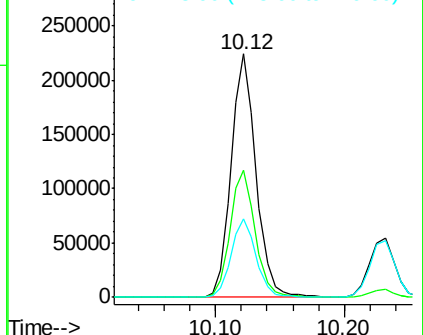
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000289.D
Acq: 13 Mar 2018 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 302678
Ion Ratio Lower Upper
117 100
82 52.1 42.0 63.0
119 32.5 25.3 37.9

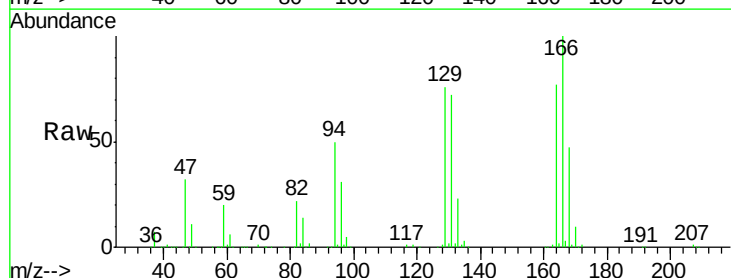


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

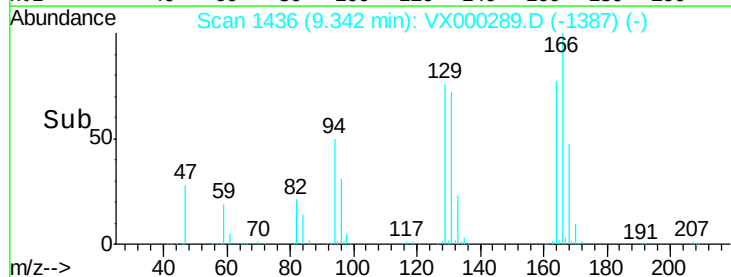
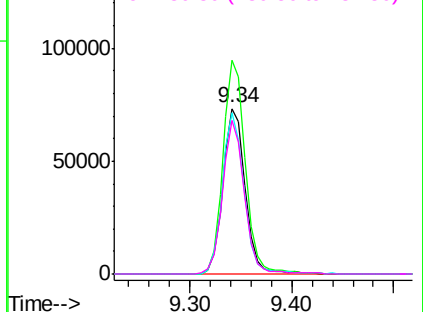


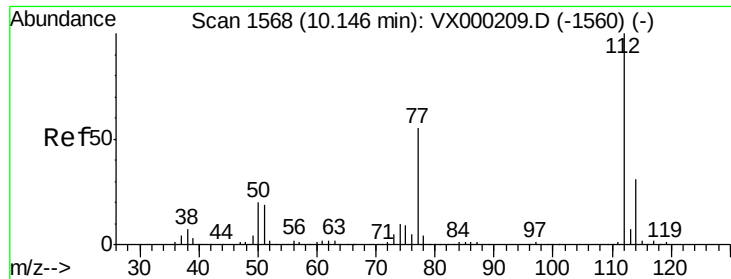
#64
Tetrachloroethene
Concen: 52.66 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000289.D
Acq: 13 Mar 2018 09:58

Tgt Ion:164 Resp: 111527
Ion Ratio Lower Upper
164 100
166 129.0 103.0 154.6
129 97.8 80.2 120.4
131 93.2 74.2 111.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 51.59 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

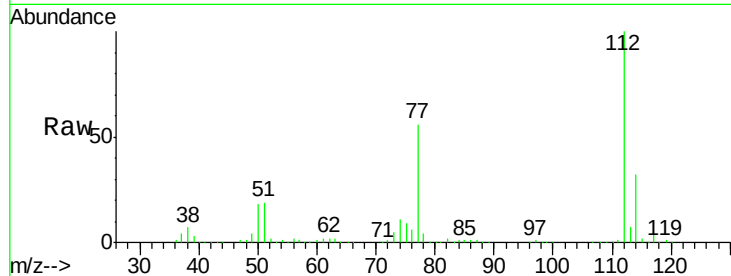
VSTDCCC050

Tot Ion:112 Resp: 315348

Ion Ratio Lower Upper

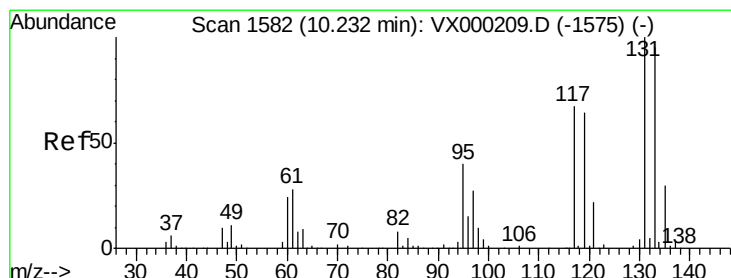
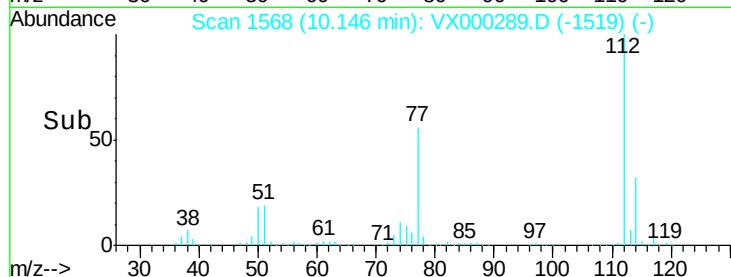
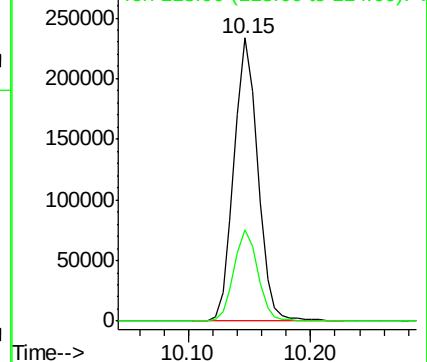
112 100

114 32.4 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.17 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

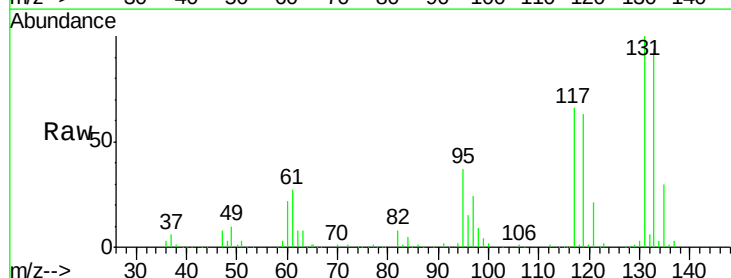
Tgt Ion:131 Resp: 111106

Ion Ratio Lower Upper

131 100

133 96.6 48.3 144.9

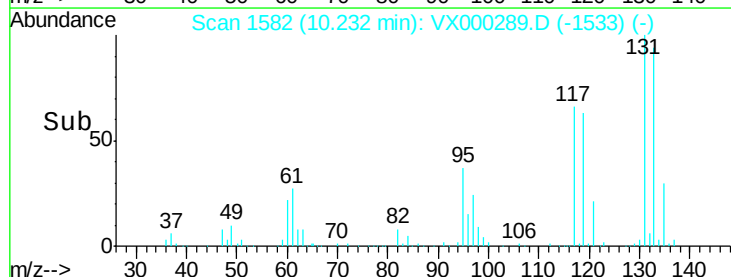
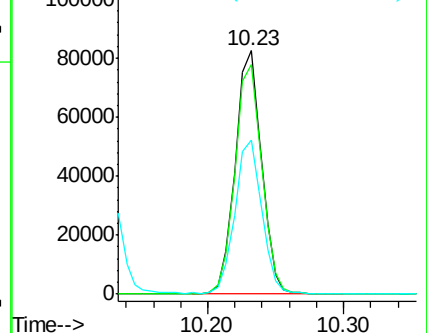
119 64.8 32.3 96.8

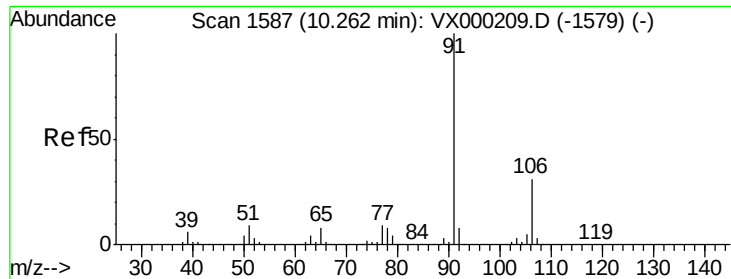


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

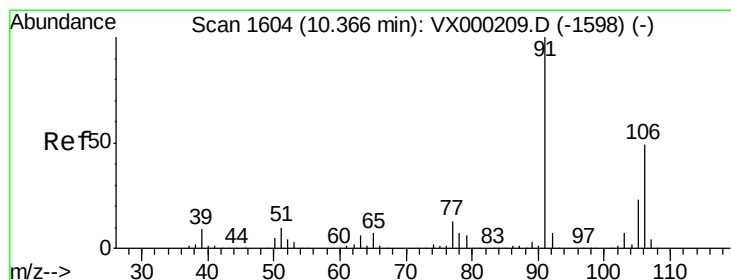
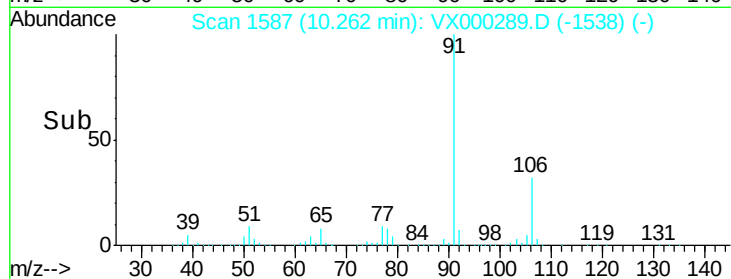
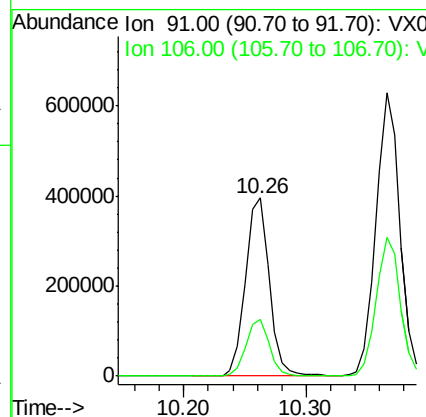
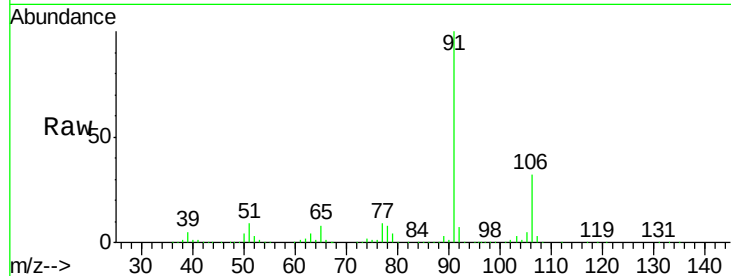




#67
Ethyl Benzene
Concen: 50.02 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000289.D
Acq: 13 Mar 2018 09:58

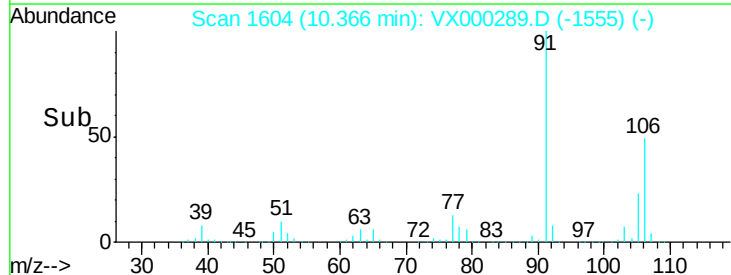
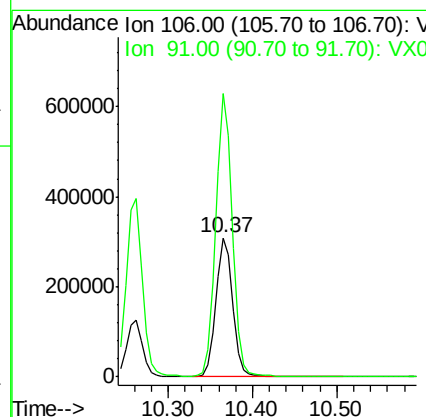
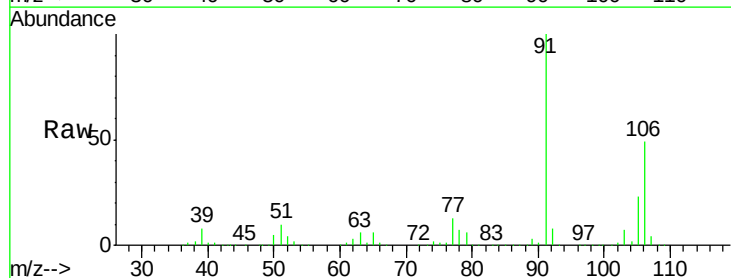
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

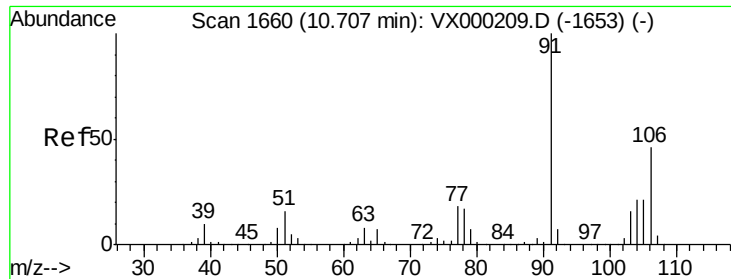
Tot Ion: 91 Resp: 533643
Ion Ratio Lower Upper
91 100
106 32.3 25.2 37.8



#68
m/p-Xylenes
Concen: 103.72 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000289.D
Acq: 13 Mar 2018 09:58

Tgt Ion: 106 Resp: 425845
Ion Ratio Lower Upper
106 100
91 202.5 160.9 241.3

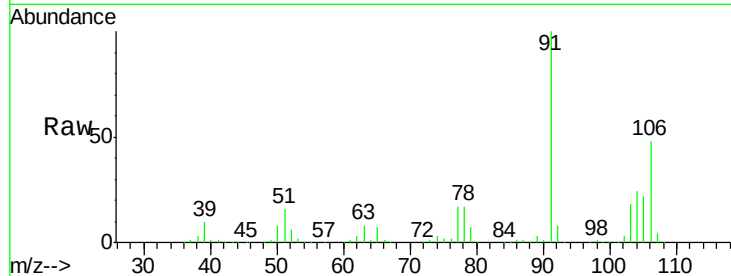




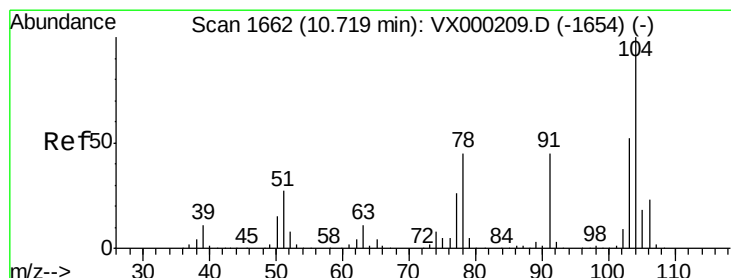
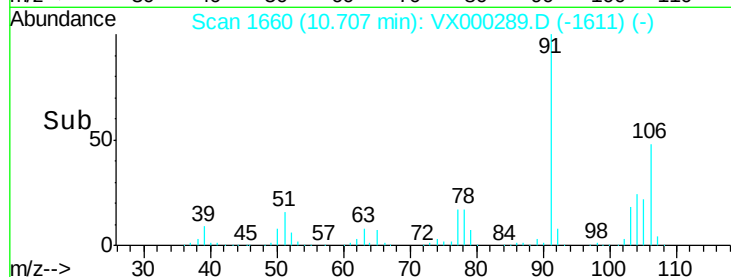
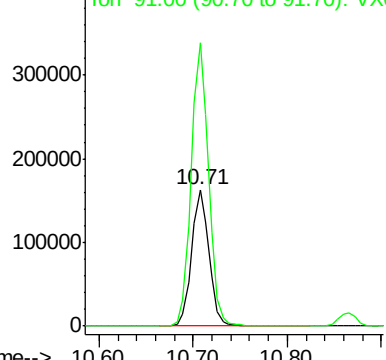
#69
o-Xylene
Concen: 52.65 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000289.D
Acq: 13 Mar 2018 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 207790
Ion Ratio Lower Upper
106 100
91 208.4 105.9 317.7

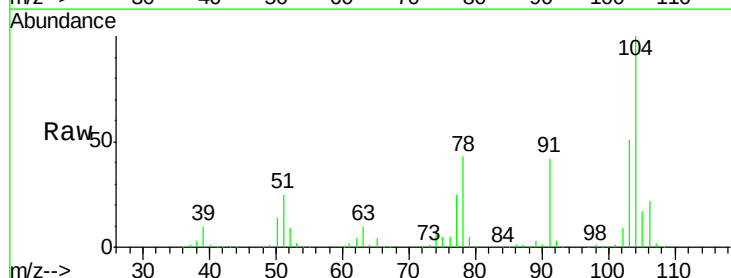


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

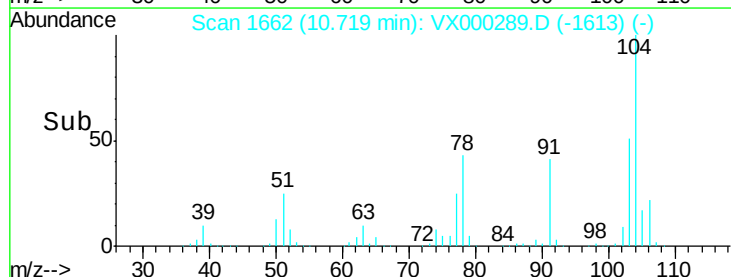
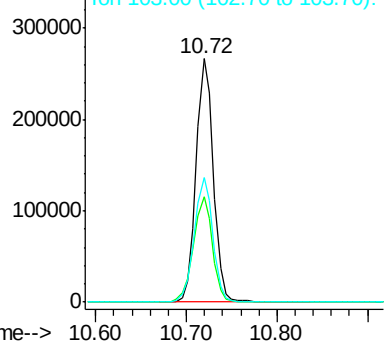


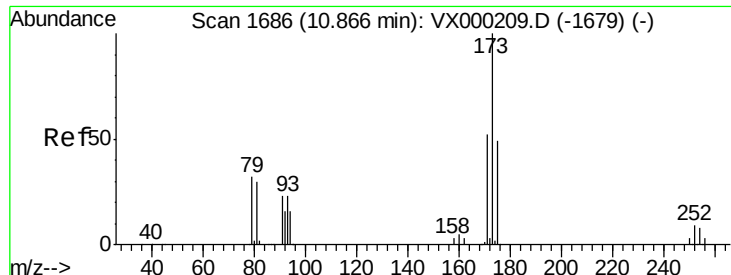
#70
Styrene
Concen: 54.03 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000289.D
Acq: 13 Mar 2018 09:58

Tgt Ion:104 Resp: 353695
Ion Ratio Lower Upper
104 100
78 48.2 39.6 59.4
103 55.3 45.0 67.6



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: 46.08 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

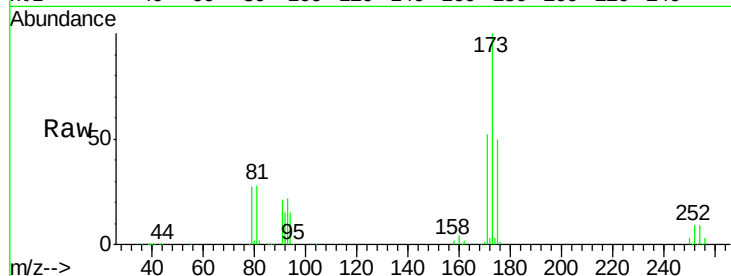
Tot Ion:173 Resp: 97784

Ion Ratio Lower Upper

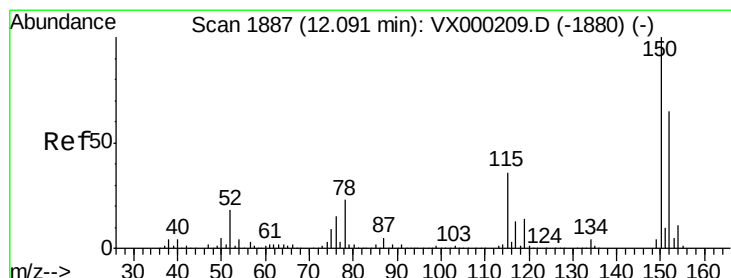
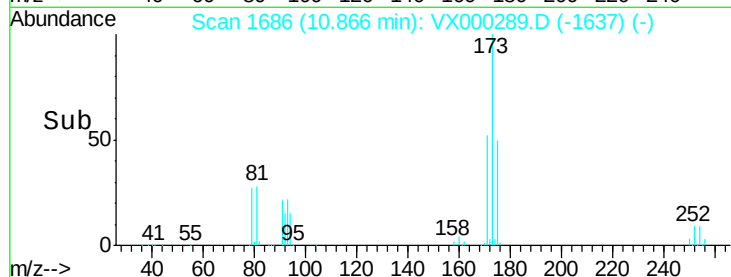
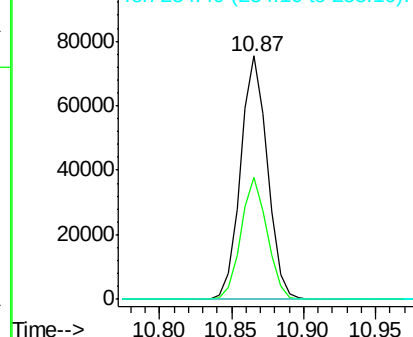
173 100

175 48.8 24.4 73.2

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

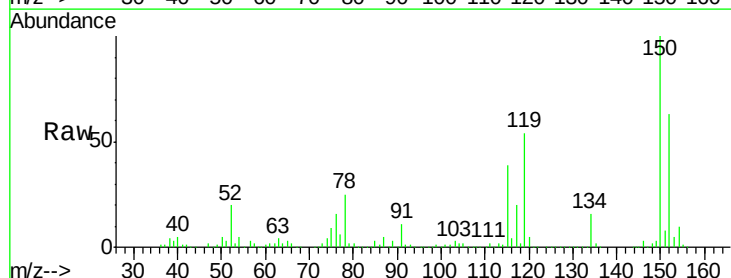
Tgt Ion:152 Resp: 188101

Ion Ratio Lower Upper

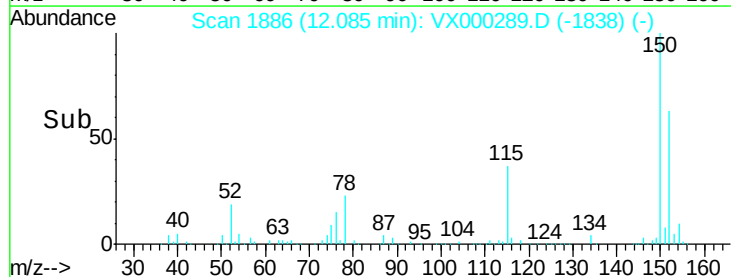
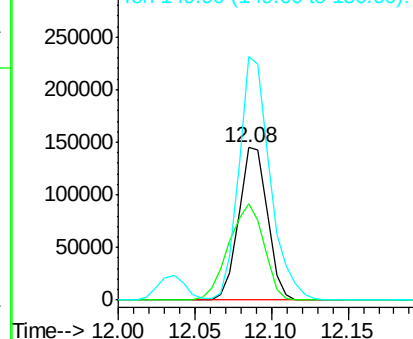
152 100

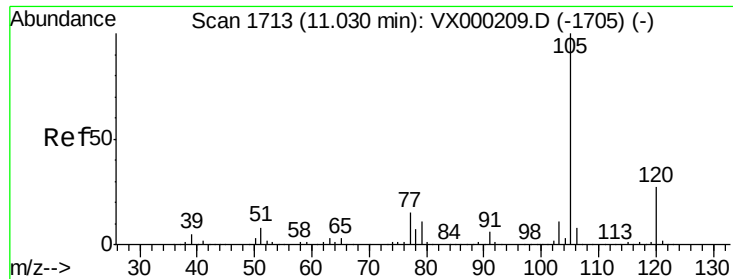
115 77.7 39.8 119.3

150 173.1 0.0 345.0



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: 48.67 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

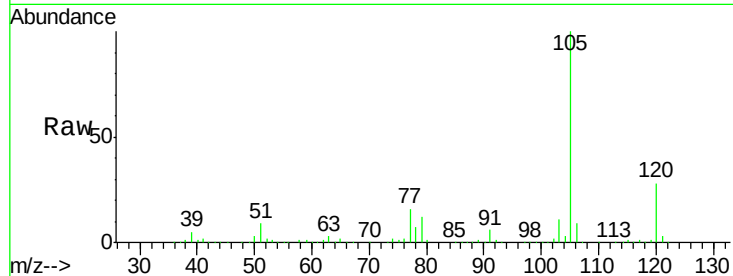
VSTDCCC050

Tot Ion:105 Resp: 573126

Ion Ratio Lower Upper

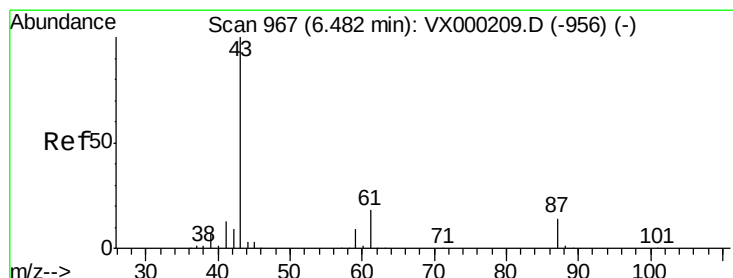
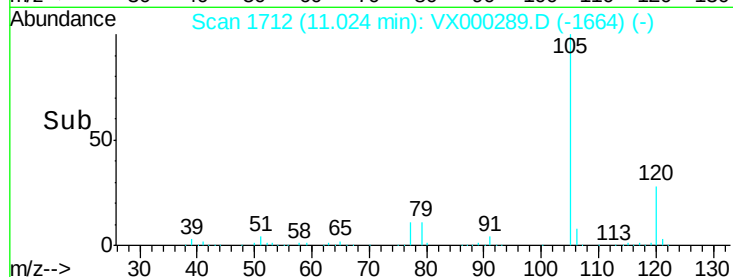
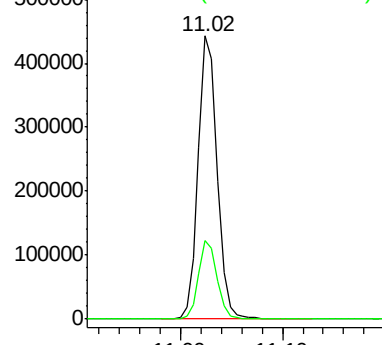
105 100

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: 43.37 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

Tgt Ion: 43 Resp: 261323

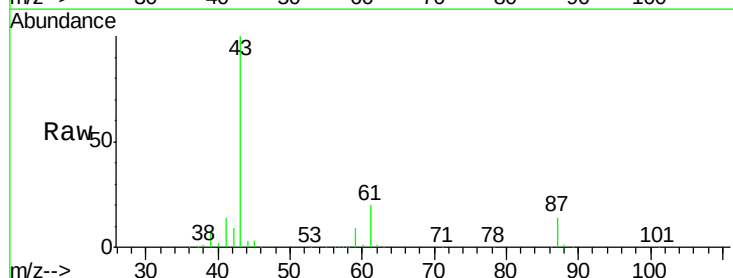
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 19.2 14.8 22.2

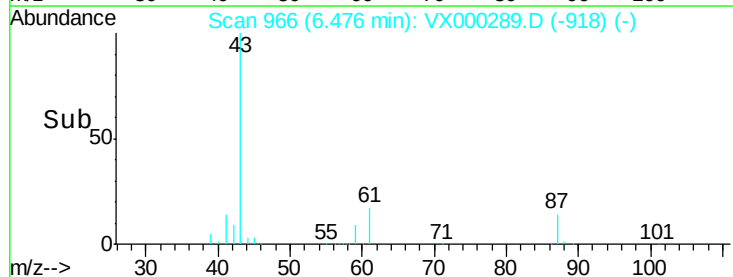
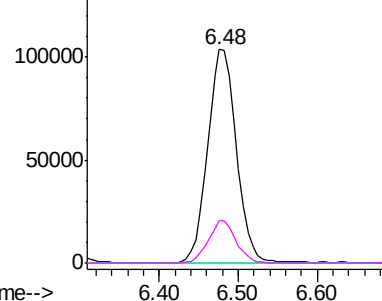


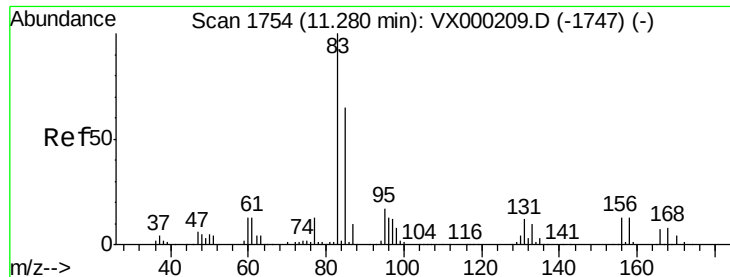
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 46.98 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

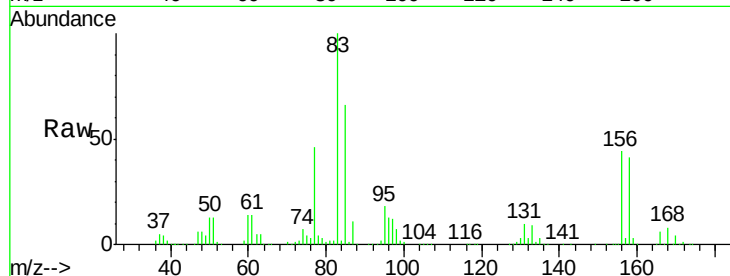
Tot Ion: 83 Resp: 193943

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.5

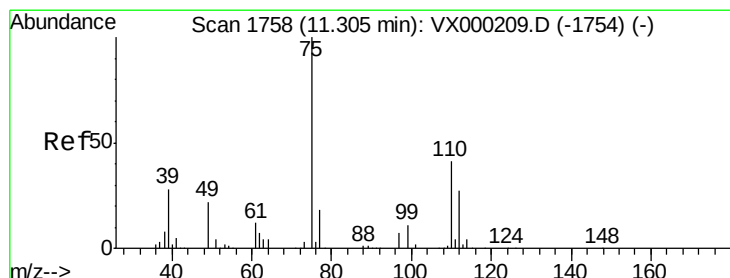
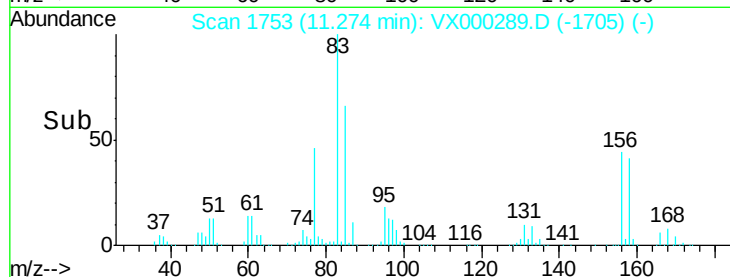
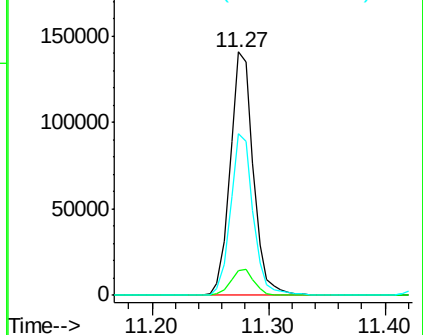
85 65.1 32.5 97.4



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: 61.34 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000289.D

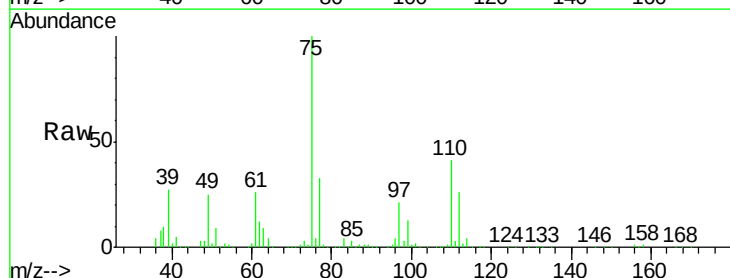
Acq: 13 Mar 2018 09:58

Tgt Ion: 75 Resp: 231303

Ion Ratio Lower Upper

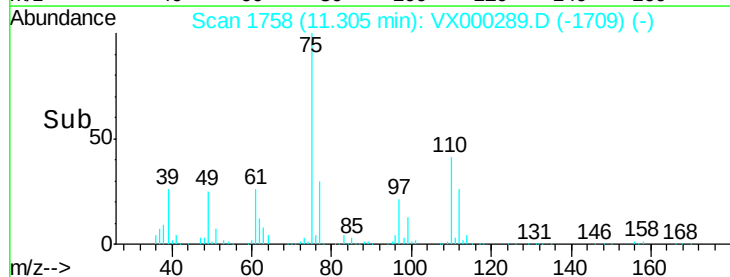
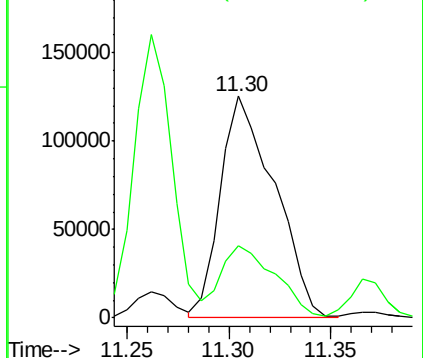
75 100

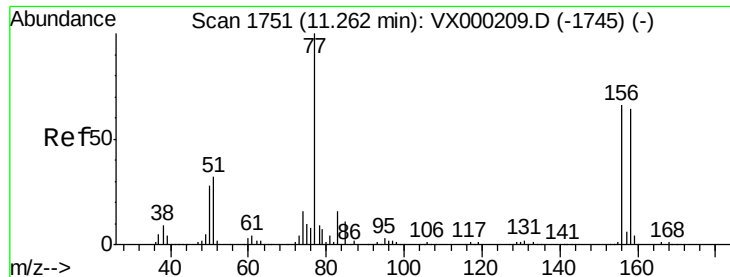
77 32.6 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.77 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

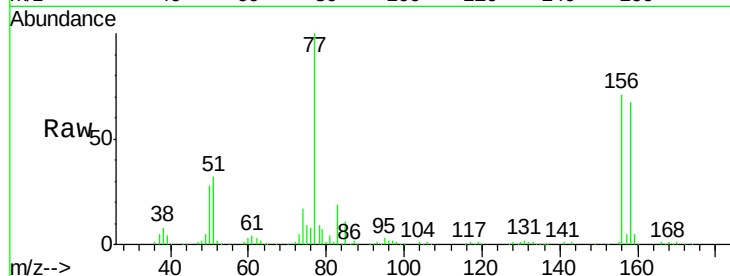
Tot Ion:156 Resp: 151547

Ion Ratio Lower Upper

156 100

77 137.2 71.9 215.7

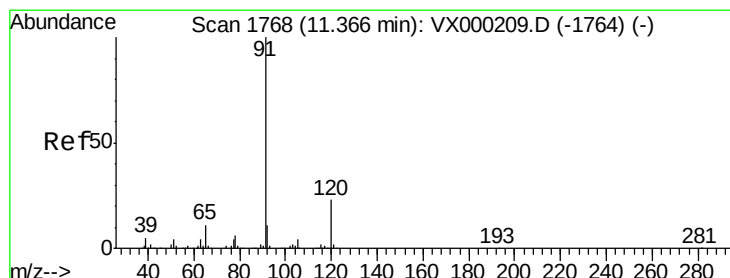
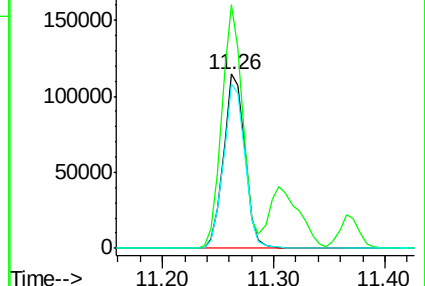
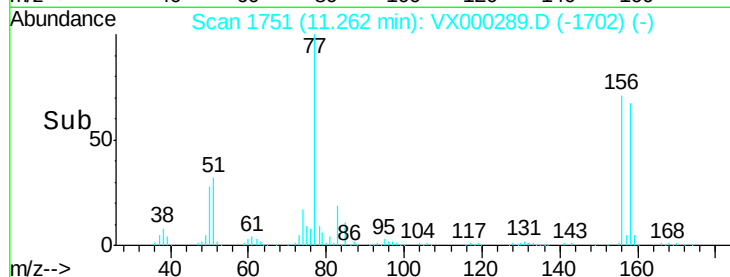
158 95.0 48.0 144.2



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: 47.93 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000289.D

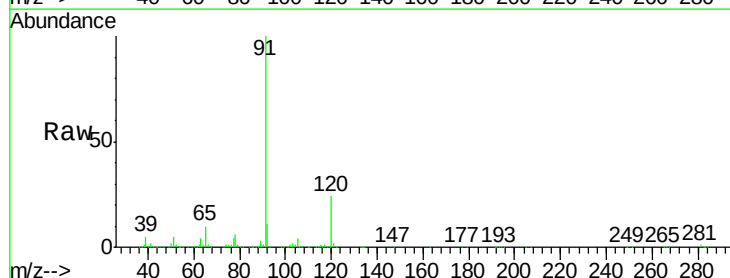
Acq: 13 Mar 2018 09:58

Tgt Ion: 91 Resp: 664377

Ion Ratio Lower Upper

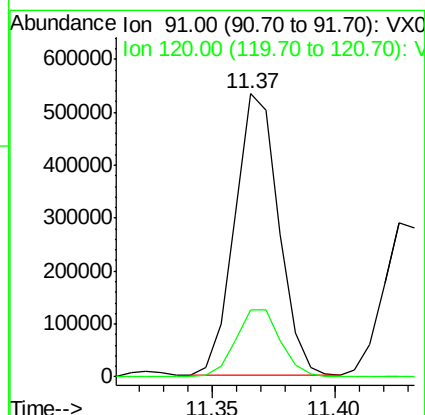
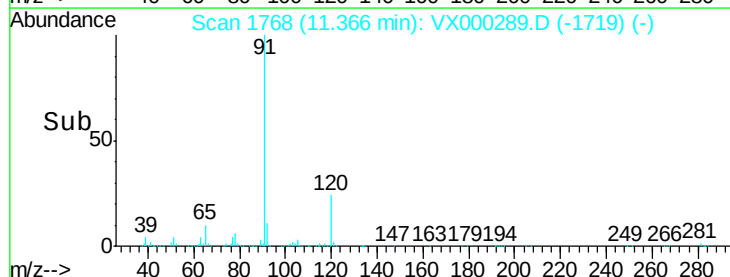
91 100

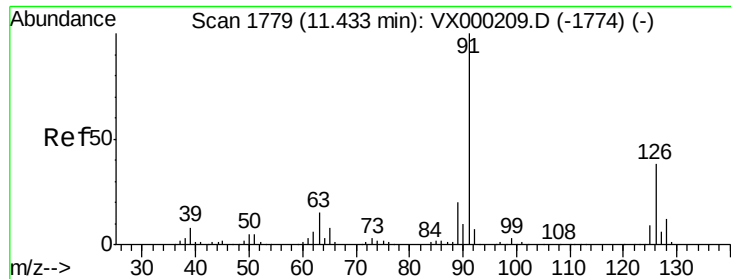
120 24.5 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

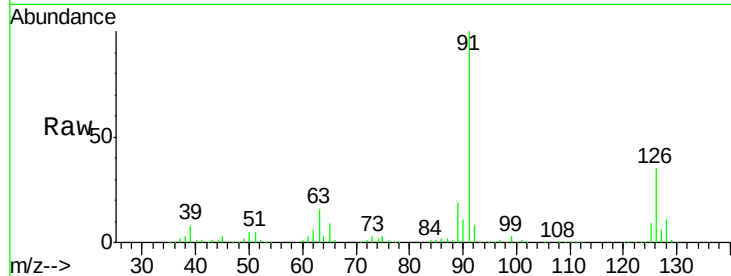




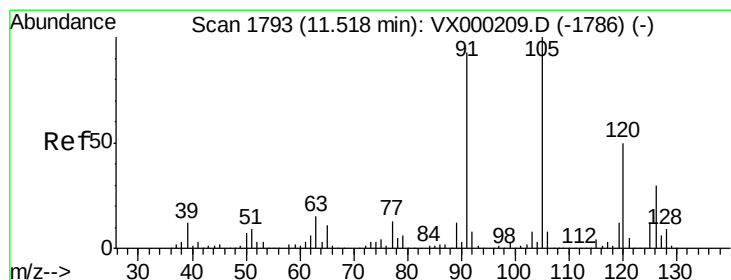
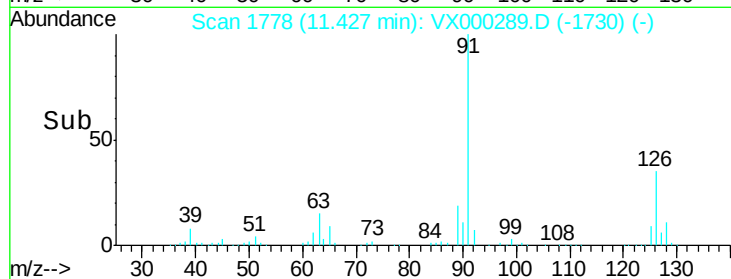
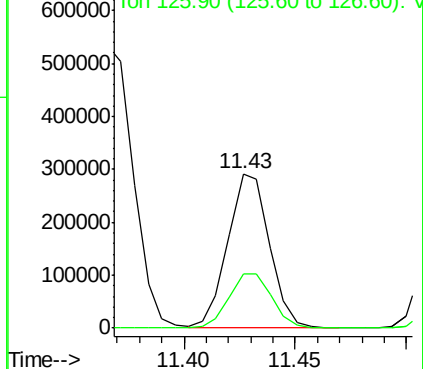
#79
 2-Chlorotoluene
 Concen: 48.31 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX000289.D
 Acq: 13 Mar 2018 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 377750
 Ion Ratio Lower Upper
 91 100
 126 36.9 18.4 55.2

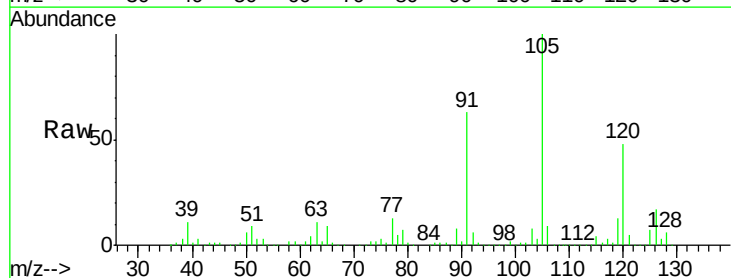


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

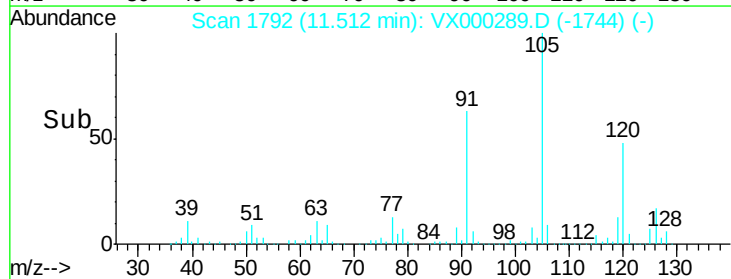
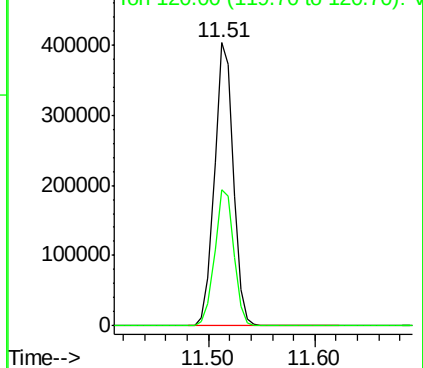


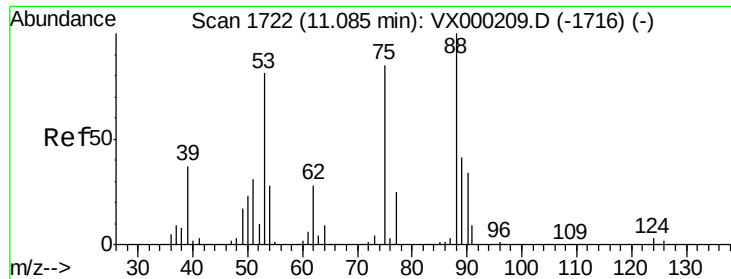
#80
 1,3,5-Trimethylbenzene
 Concen: 49.76 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: VX000289.D
 Acq: 13 Mar 2018 09:58

Tgt Ion: 105 Resp: 489298
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.9 74.6



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

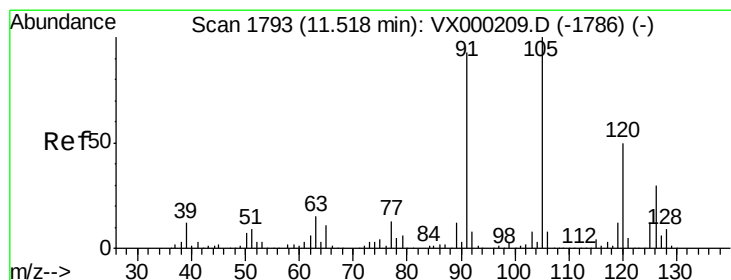
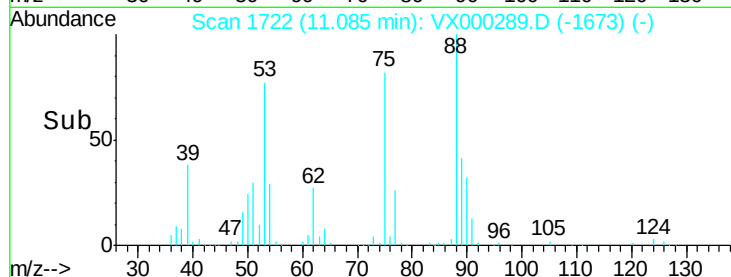
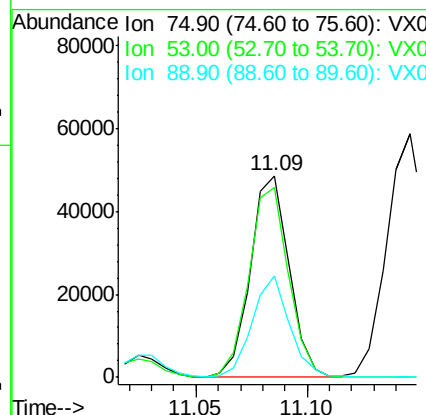
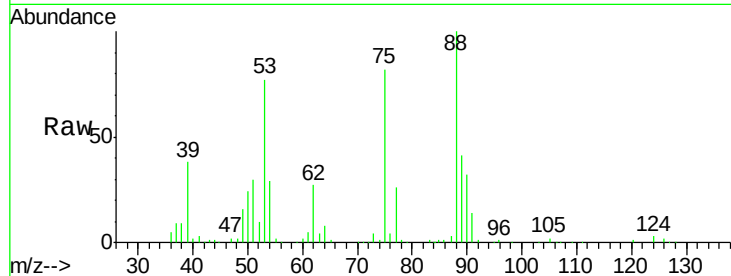




#81
trans-1,4-Dichloro-2-butene
Concen: 47.56 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000289.D
Acq: 13 Mar 2018 09:58

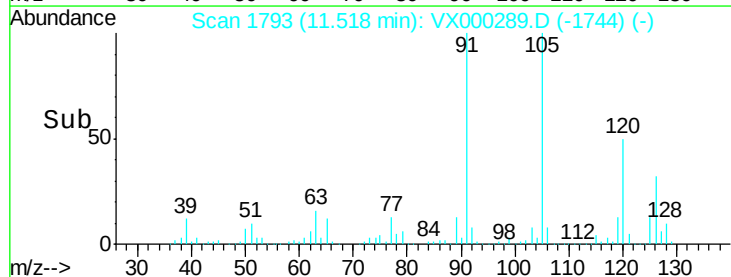
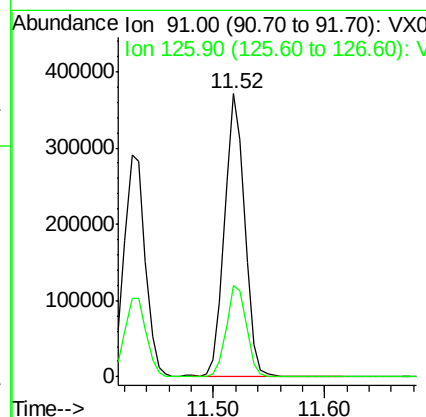
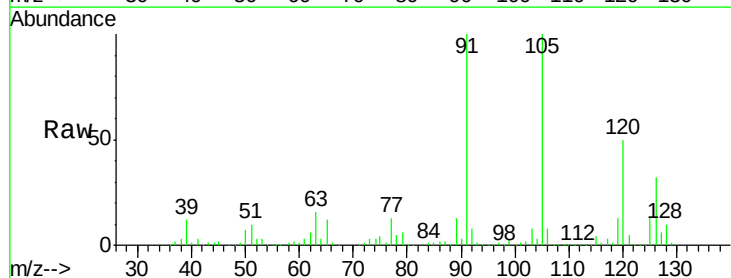
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

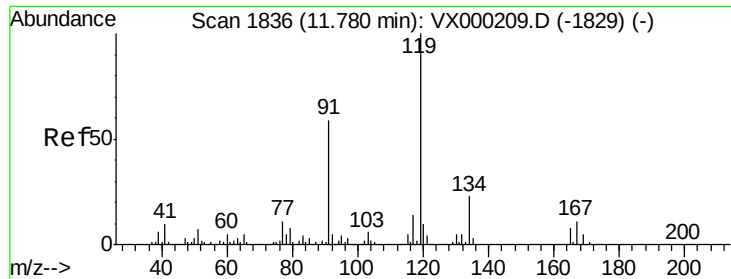
Tot Ion: 75 Resp: 58563
Ion Ratio Lower Upper
75 100
53 97.2 78.6 118.0
89 49.2 38.8 58.2



#82
4-Chlorotoluene
Concen: 48.96 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000289.D
Acq: 13 Mar 2018 09:58

Tgt Ion: 91 Resp: 465438
Ion Ratio Lower Upper
91 100
126 32.3 16.0 48.0

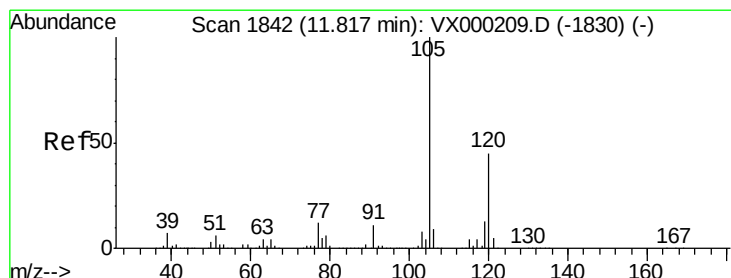
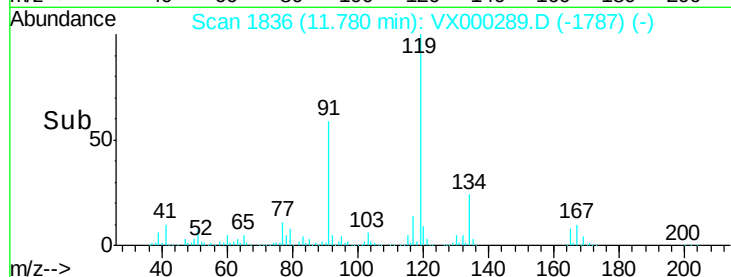
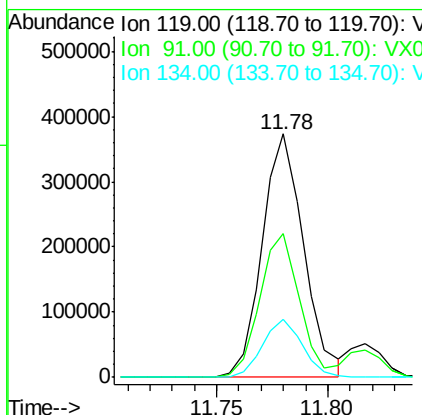
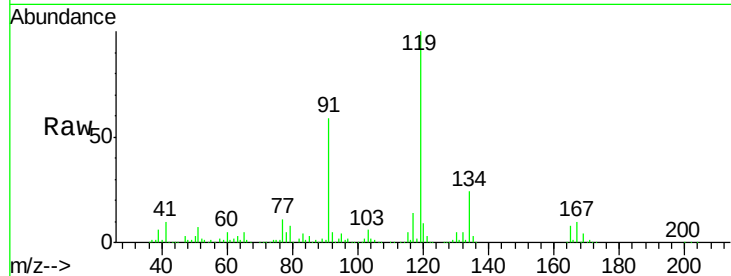




#83
 tert-Butylbenzene
 Concen: 50.53 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000289.D
 Acq: 13 Mar 2018 09:58

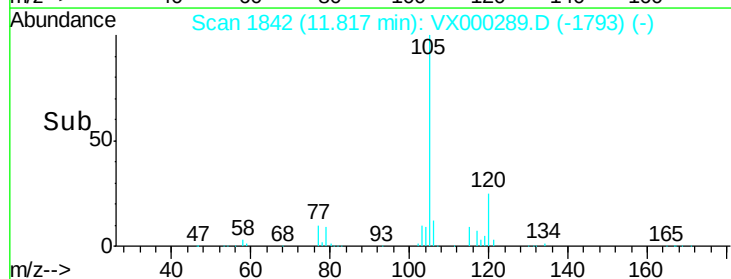
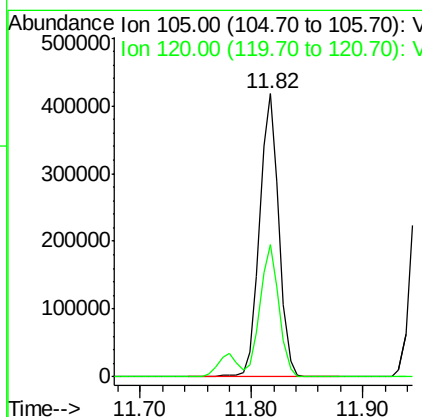
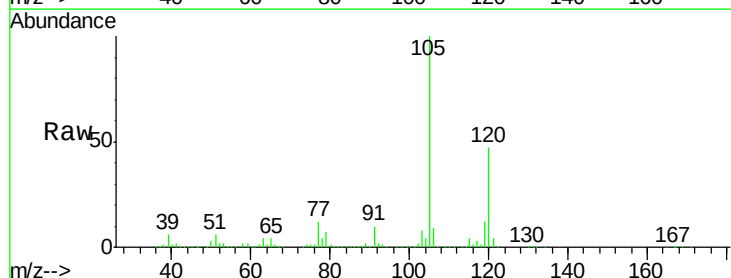
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

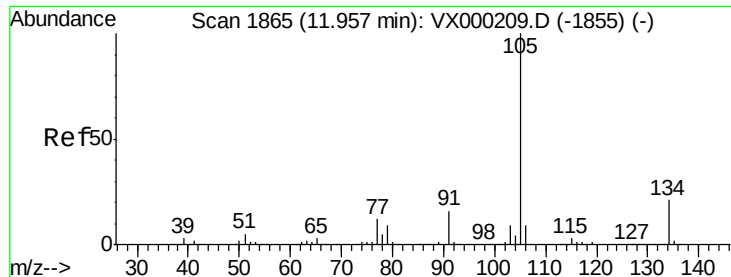
Tot Ion:119 Resp: 483430
 Ion Ratio Lower Upper
 119 100
 91 56.1 28.9 86.7
 134 23.1 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 49.99 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000289.D
 Acq: 13 Mar 2018 09:58

Tgt Ion:105 Resp: 505488
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.0 69.0





#85

sec-Butylbenzene

Concen: 49.91 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

Instrument :

MSVOA_X

ClientSampled :

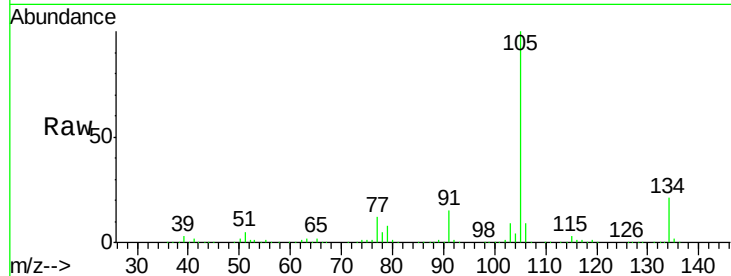
VSTDCCC050

Tot Ion:105 Resp: 604036

Ion Ratio Lower Upper

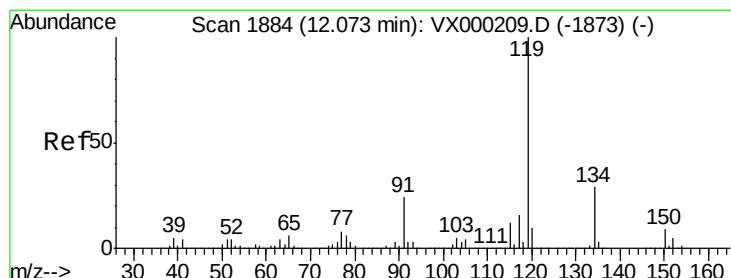
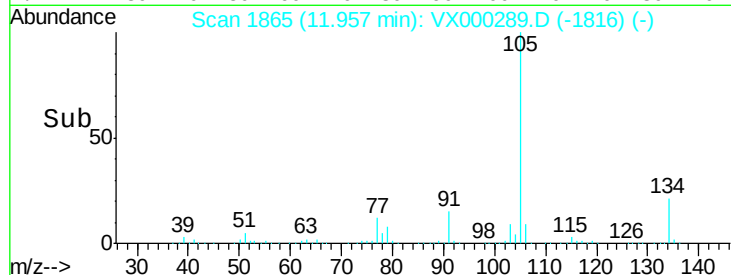
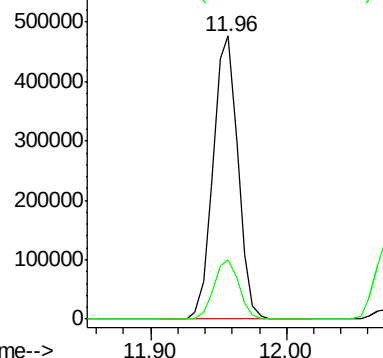
105 100

134 21.2 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.60 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

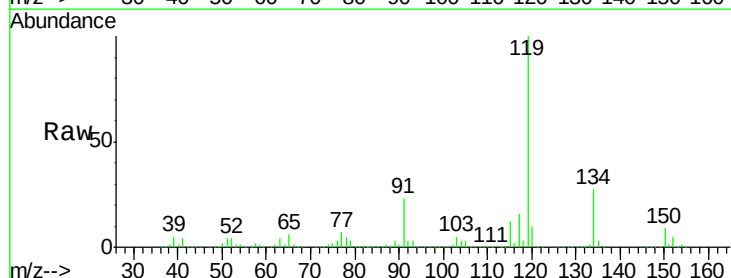
Tgt Ion:119 Resp: 550618

Ion Ratio Lower Upper

119 100

134 27.1 13.8 41.3

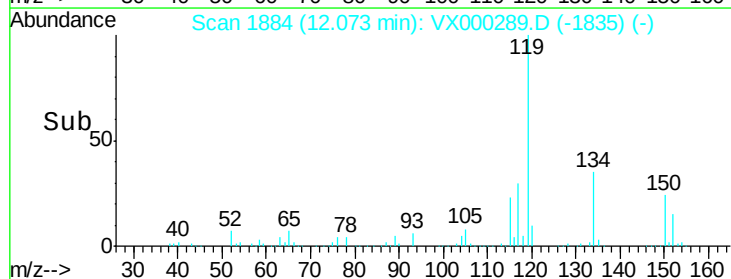
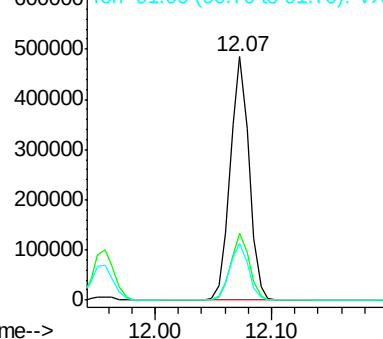
91 23.2 12.0 36.0

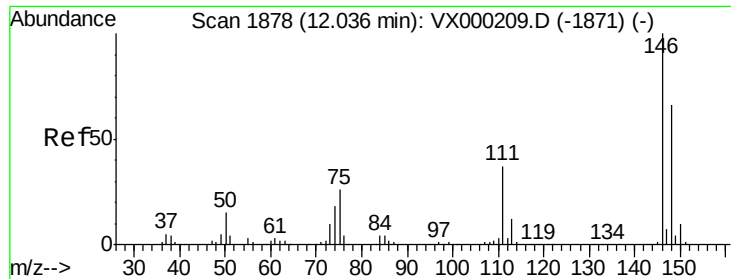


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

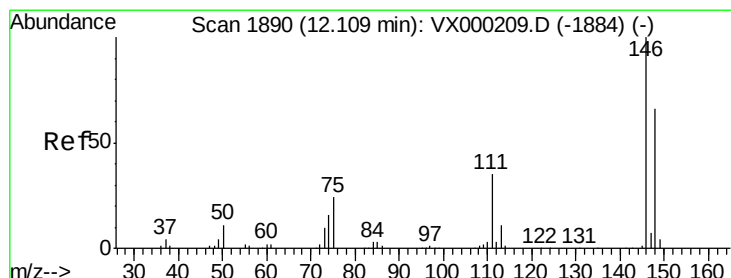
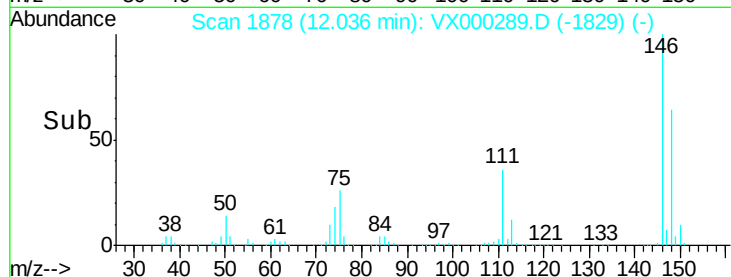
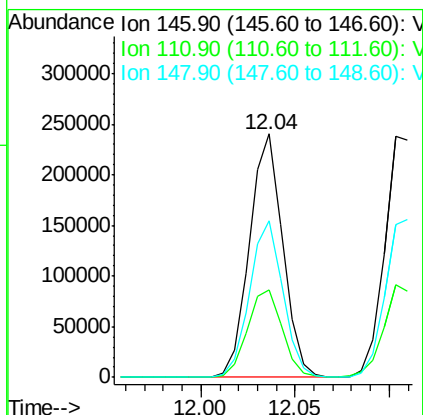
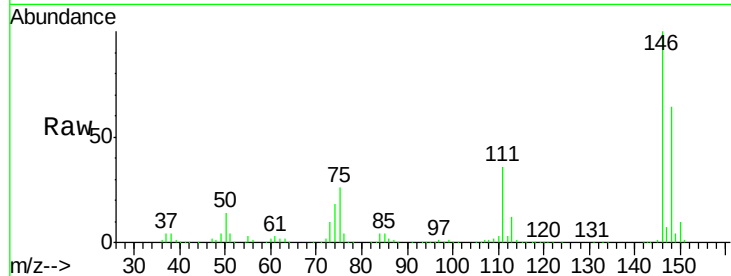




#87
 1,3-Dichlorobenzene
 Concen: 50.92 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000289.D
 Acq: 13 Mar 2018 09:58

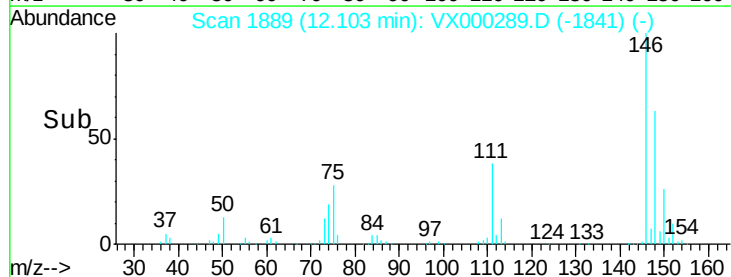
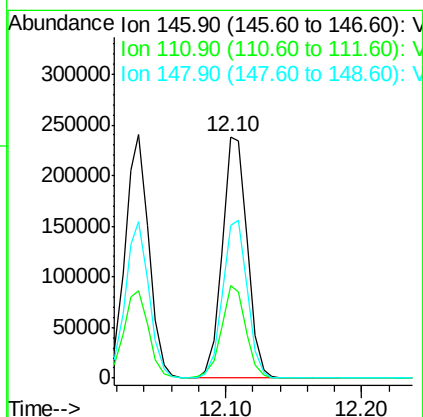
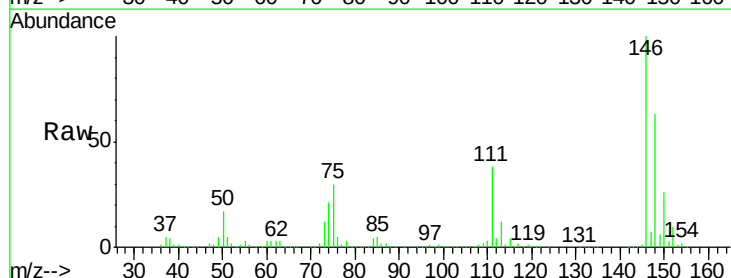
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

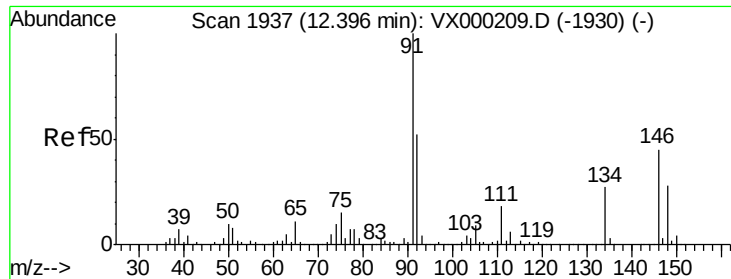
Tot Ion:146 Resp: 294758
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.0 57.0
 148 64.5 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 49.75 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000289.D
 Acq: 13 Mar 2018 09:58

Tgt Ion:146 Resp: 301834
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.9 56.9
 148 64.9 32.6 97.8





#89

n-Butylbenzene

Concen: 49.65 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

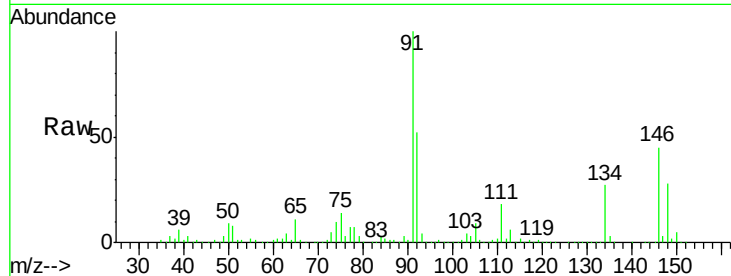
Tot Ion: 91 Resp: 510337

Ion Ratio Lower Upper

91 100

92 52.1 25.8 77.4

134 27.6 13.5 40.5

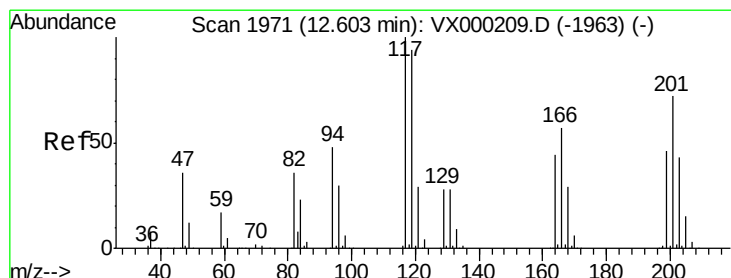
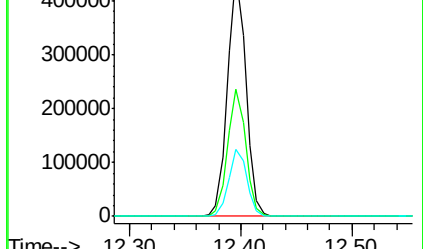
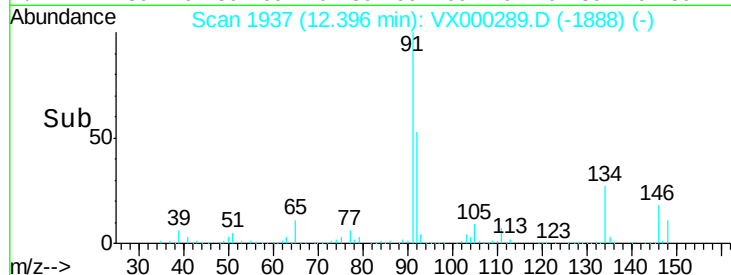


Abundance Ion 91.00 (90.70 to 91.70): VX000209.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX000209.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX000209.D (-1930) (-)

Time-->



#90

Hexachloroethane

Concen: 48.75 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000289.D

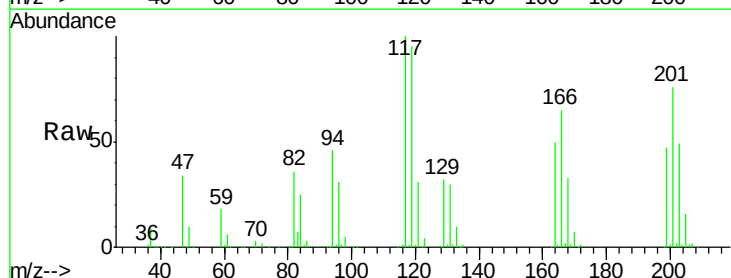
Acq: 13 Mar 2018 09:58

Tgt Ion: 117 Resp: 83827

Ion Ratio Lower Upper

117 100

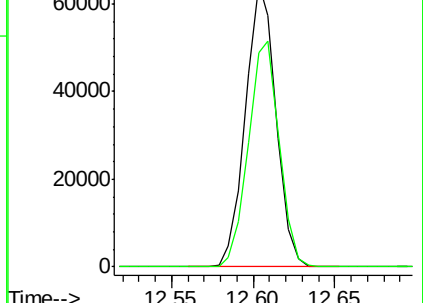
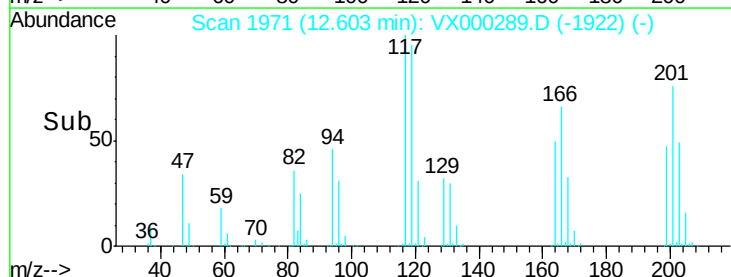
201 80.9 38.2 114.6

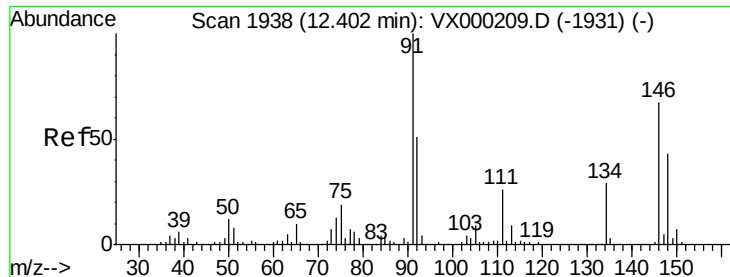


Abundance Ion 116.80 (116.50 to 117.50): VX000209.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX000209.D (-1963) (-)

Time-->

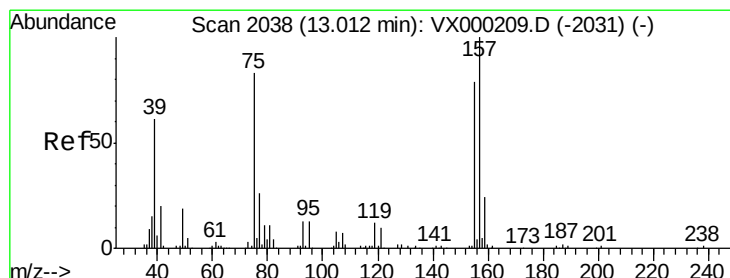
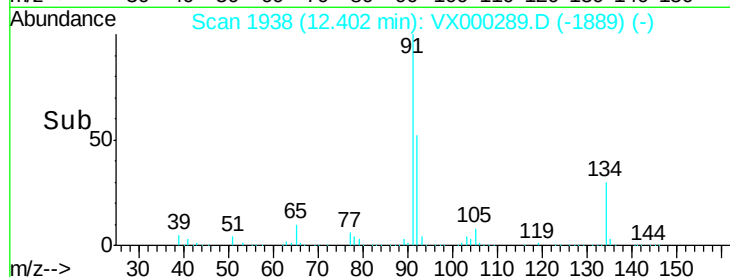
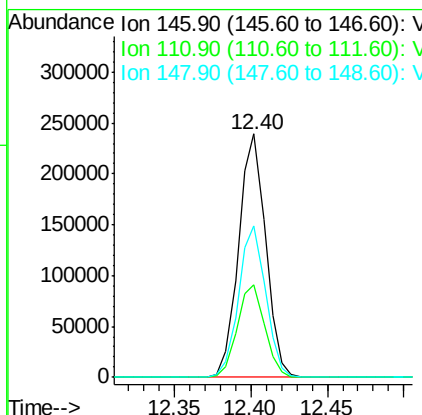
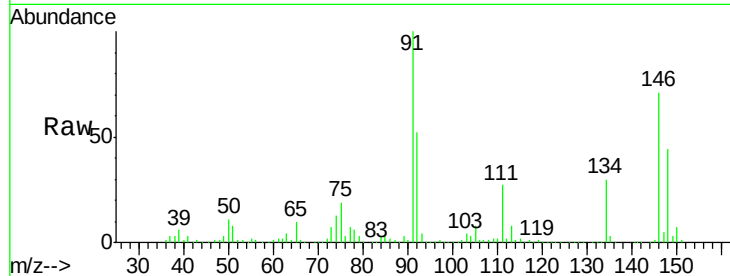




#91
 1,2-Dichlorobenzene
 Concen: 51.00 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000289.D
 Acq: 13 Mar 2018 09:58

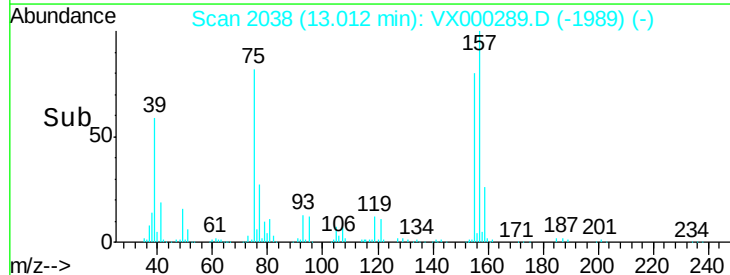
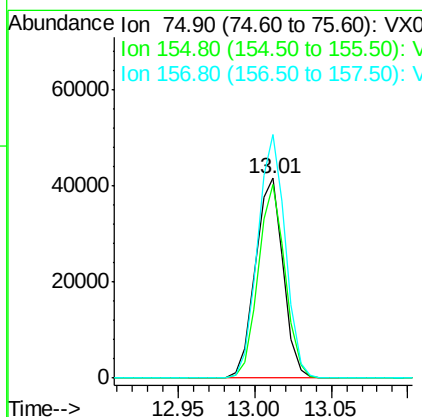
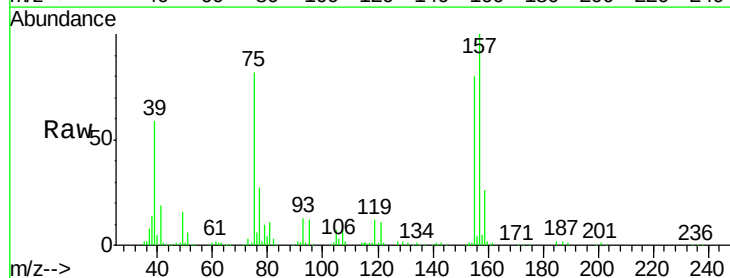
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

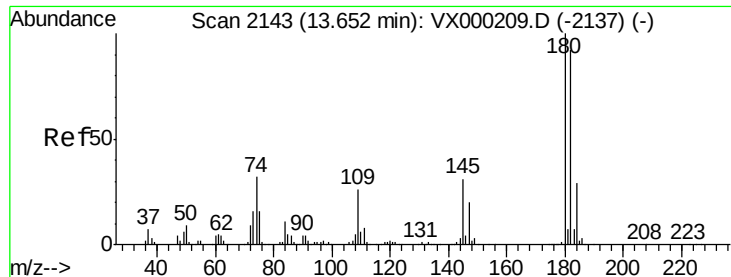
Tot Ion:146 Resp: 292290
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.7 59.0
 148 62.6 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.47 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000289.D
 Acq: 13 Mar 2018 09:58

Tgt Ion: 75 Resp: 52718
 Ion Ratio Lower Upper
 75 100
 155 93.4 45.5 136.5
 157 121.1 58.6 175.8

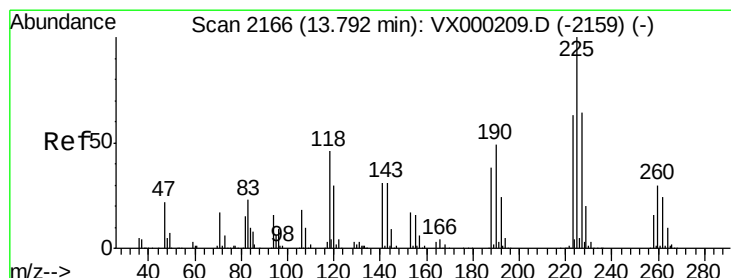
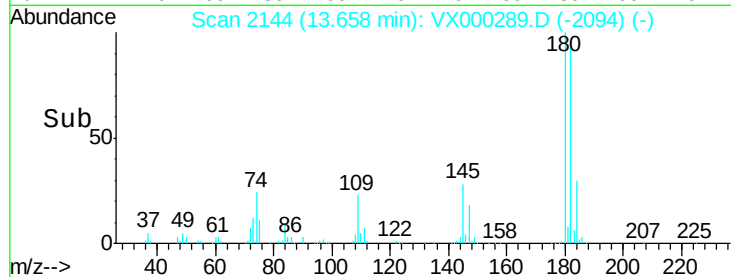
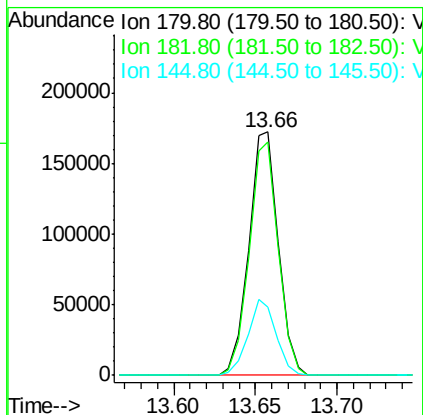
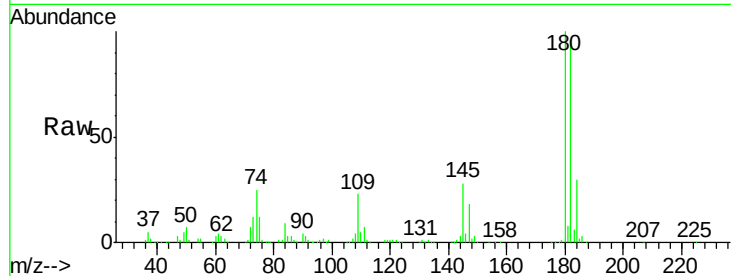




#93
 1,2,4-Trichlorobenzene
 Concen: 52.10 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000289.D
 Acq: 13 Mar 2018 09:58

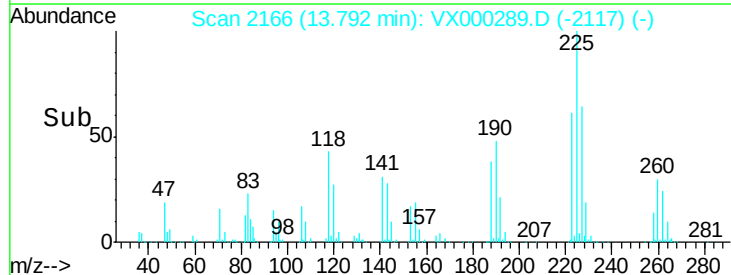
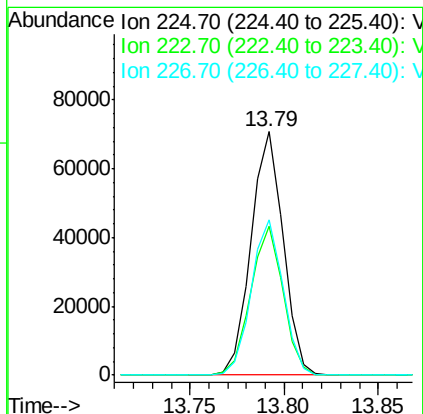
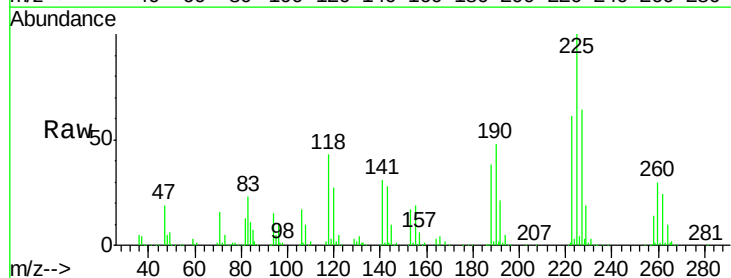
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

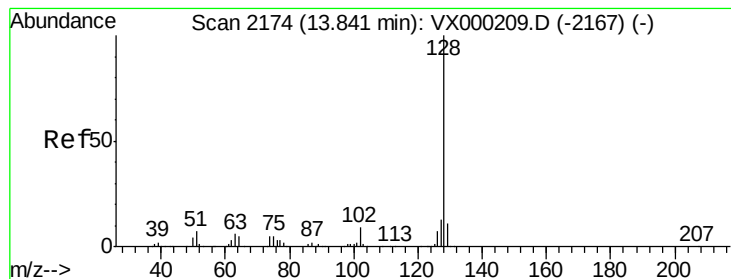
Tot Ion:180 Resp: 217223
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.0 141.0
 145 29.7 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 48.17 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000289.D
 Acq: 13 Mar 2018 09:58

Tgt Ion:225 Resp: 83591
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.8 95.3
 227 63.1 31.9 95.5





#95

Naphthalene

Concen: 50.24 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. 0.01 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

Instrument :

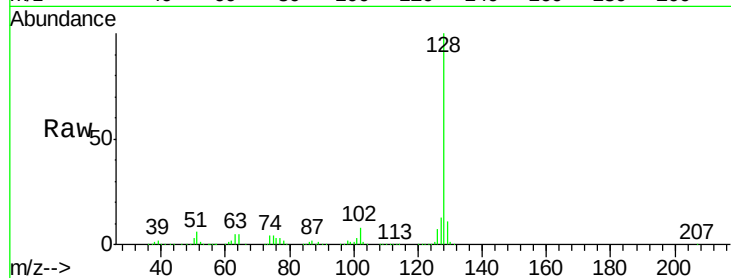
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 730947

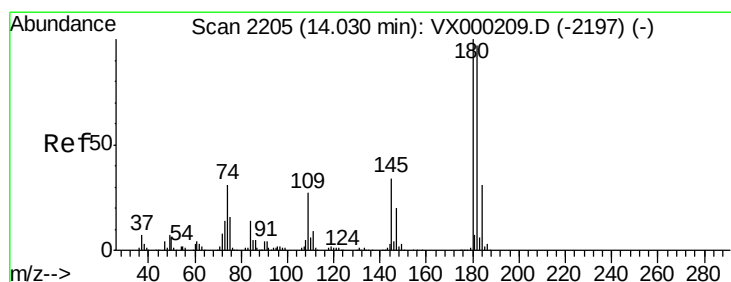
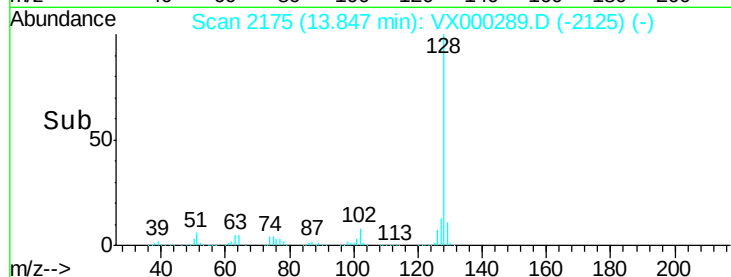
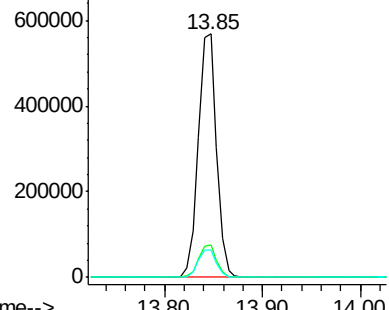
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.2	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.80 ug/l

RT: 14.03 min Scan# 2205

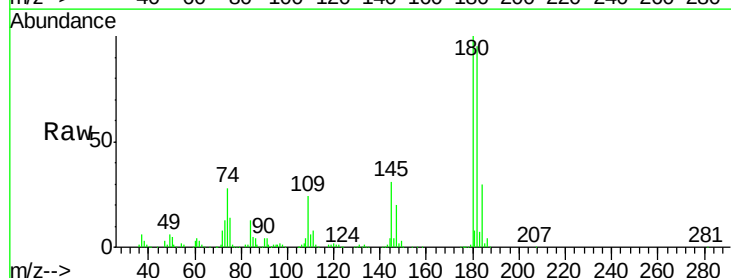
Delta R.T. -0.00 min

Lab File: VX000289.D

Acq: 13 Mar 2018 09:58

Tgt Ion:180 Resp: 213653

Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.0	144.0
145	30.9	16.3	48.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

