

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033018\
 Data File : VX000581.D
 Acq On : 31 Mar 2018 00:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 31 05:07:02 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	197839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	335681	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	349646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	210009	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	126943	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
35) Dibromofluoromethane	5.51	113	105277	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	8.73	98	424900	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
62) 4-Bromofluorobenzene	11.15	95	163520	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	93502	42.88	ug/l	98
3) Chloromethane	1.32	50	98386	42.83	ug/l	97
4) Vinyl Chloride	1.40	62	117610	48.46	ug/l	96
5) Bromomethane	1.64	94	128928	44.37	ug/l	96
6) Chloroethane	1.72	64	78173	53.85	ug/l	93
7) Trichlorofluoromethane	1.93	101	213760	48.80	ug/l	99
8) Diethyl Ether	2.20	74	78006	49.83	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	118640	48.57	ug/l	94
10) Methyl Iodide	2.51	142	159087	64.38	ug/l	97
11) Tert butyl alcohol	3.09	59	199436	224.51	ug/l	100
12) 1,1-Dichloroethene	2.38	96	114023	53.17	ug/l	91
13) Acrolein	2.30	56	127684	438.50	ug/l	99
14) Allyl chloride	2.73	41	180079	47.54	ug/l	98
15) Acrylonitrile	3.16	53	411630	228.79	ug/l	98
16) Acetone	2.45	43	391045	182.02	ug/l	99
17) Carbon Disulfide	2.57	76	296435	51.97	ug/l	98
18) Methyl Acetate	2.79	43	201026	44.63	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	392289	49.46	ug/l	97
20) Methylene Chloride	2.86	84	124411	50.14	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	122701	51.29	ug/l	94
22) Diisopropyl ether	3.89	45	290217	43.29	ug/l	94
23) Vinyl Acetate	3.84	43	1330404	209.35	ug/l	100
24) 1,1-Dichloroethane	3.70	63	142835	33.89	ug/l	99
25) 2-Butanone	4.72	43	490650	203.19	ug/l	100
26) 2,2-Dichloropropane	4.59	77	122282	41.40	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	103169	46.15	ug/l	97
28) Bromochloromethane	5.03	49	80827	46.51	ug/l	95
29) Tetrahydrofuran	5.18	42	323986	218.07	ug/l	97
30) Chloroform	5.23	83	191117	48.38	ug/l	97
31) Cyclohexane	5.59	56	150595	46.22	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	172556	48.43	ug/l	98
36) 1,1-Dichloropropene	5.81	75	142917	45.45	ug/l	97
37) Ethyl Acetate	4.87	43	179508	41.79	ug/l	100
38) Carbon Tetrachloride	5.79	117	152903	46.35	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	172126	45.01	ug/l	99
40) Benzene	6.15	78	428650	46.94	ug/l	100
41) Methacrylonitrile	5.07	41	93605	41.34	ug/l	96
42) 1,2-Dichloroethane	6.21	62	159063	44.40	ug/l	97
43) Isopropyl Acetate	6.48	43	278396	43.54	ug/l	98
44) Trichloroethene	7.22	130	121094	46.29	ug/l	96
45) 1,2-Dichloropropane	7.52	63	103370	44.23	ug/l	99
46) Dibromomethane	7.67	93	81996	44.69	ug/l	95
47) Bromodichloromethane	7.91	83	149896	46.44	ug/l	99
48) Methyl methacrylate	7.79	41	134655	43.38	ug/l	95
49) 1,4-Dioxane	7.77	88	61709	945.82	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	1025871	207.30	ug/l	96
52) Toluene	8.79	92	298730	46.80	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	174647	46.69	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	171911	47.38	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	123823	47.17	ug/l	97
56) Ethyl methacrylate	9.19	69	187326	47.09	ug/l	92
57) 1,3-Dichloropropane	9.38	76	196587	46.82	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	442539	231.79	ug/l	97
59) 2-Hexanone	9.51	43	841013	200.14	ug/l	96
60) Dibromochloromethane	9.59	129	135424	44.12	ug/l	98
61) 1,2-Dibromoethane	9.68	107	138787	49.30	ug/l	100
64) Tetrachloroethene	9.34	164	126342	46.56	ug/l	97
65) Chlorobenzene	10.15	112	358240	46.04	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	126058	47.70	ug/l	98
67) Ethyl Benzene	10.26	91	597727	45.31	ug/l	98
68) m/p-Xylenes	10.37	106	481465	92.76	ug/l	95
69) o-Xylene	10.71	106	233350	46.43	ug/l	96
70) Styrene	10.72	104	397863	47.85	ug/l	95
71) Bromoform	10.87	173	111729	41.47	ug/l #	96
73) Isopropylbenzene	11.02	105	632682	45.47	ug/l	99
74) N-amyl acetate	6.48	43	278396	45.61	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	211659	43.01	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	244240	54.12	ug/l	83
77) Bromobenzene	11.26	156	172619	46.57	ug/l	93
78) n-propylbenzene	11.37	91	729170	43.95	ug/l	98
79) 2-Chlorotoluene	11.43	91	410261	42.80	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	533469	45.60	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	58262	41.79	ug/l	97
82) 4-Chlorotoluene	11.52	91	500596	43.74	ug/l	95
83) tert-Butylbenzene	11.78	119	540050	45.77	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	551704	44.98	ug/l	99
85) sec-Butylbenzene	11.95	105	652959	44.72	ug/l	98
86) p-Isopropyltoluene	12.07	119	600743	46.33	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	326225	46.55	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	335728	45.63	ug/l	98
89) n-Butylbenzene	12.40	91	540225	44.75	ug/l	98
90) Hexachloroethane	12.60	117	88636	43.43	ug/l	90
91) 1,2-Dichlorobenzene	12.40	146	323103	47.02	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	57105	41.60	ug/l #	58

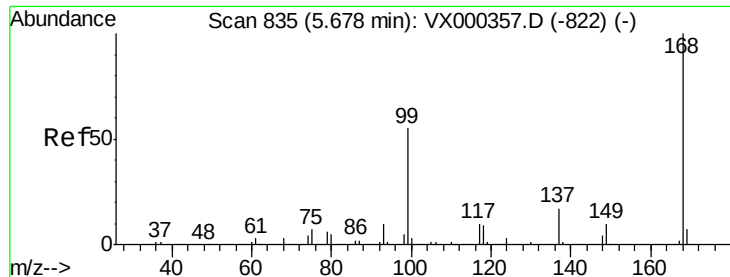
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	248517	50.45	ug/l	98
94) Hexachlorobutadiene	13.79	225	92856	45.53	ug/l	99
95) Naphthalene	13.84	128	906539	52.83	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	242561	49.83	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

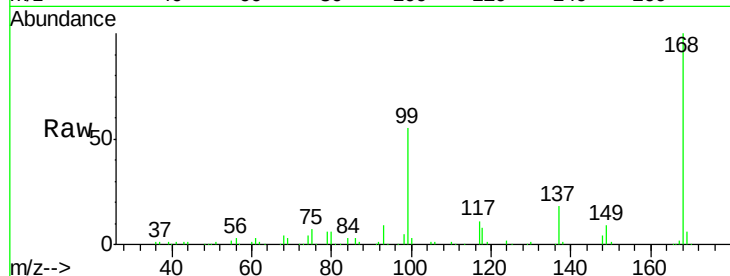
VSTDCCC050EC

Tgt Ion:168 Resp: 197839

Ion Ratio Lower Upper

168 100

99 55.3 45.8 68.6

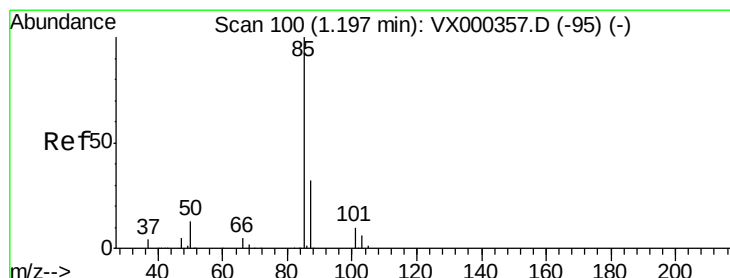
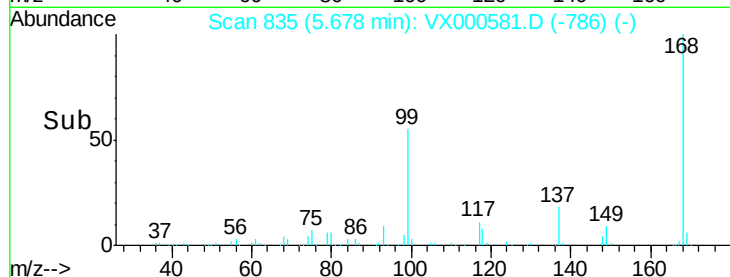


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

Time-->



#2

Dichlorodifluoromethane

Concen: 42.88 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000581.D

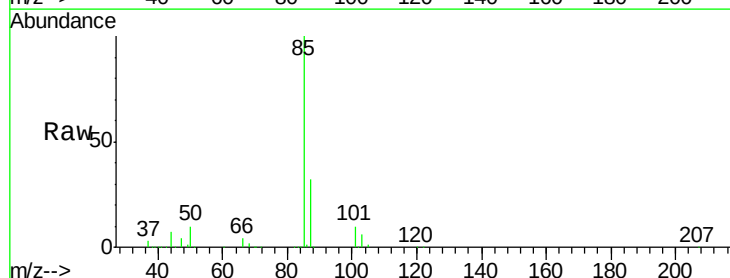
Acq: 31 Mar 2018 00:20

Tgt Ion: 85 Resp: 93502

Ion Ratio Lower Upper

85 100

87 32.2 16.8 50.3

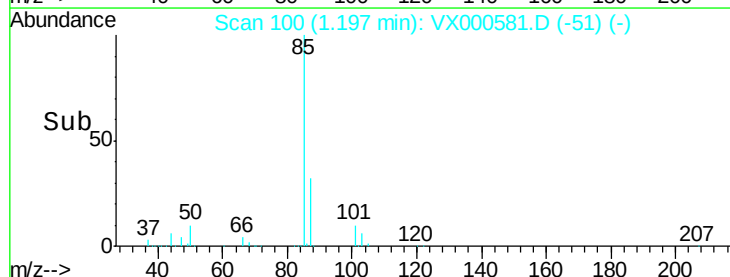


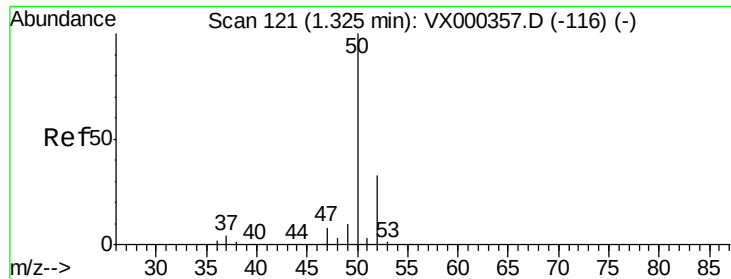
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 42.83 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

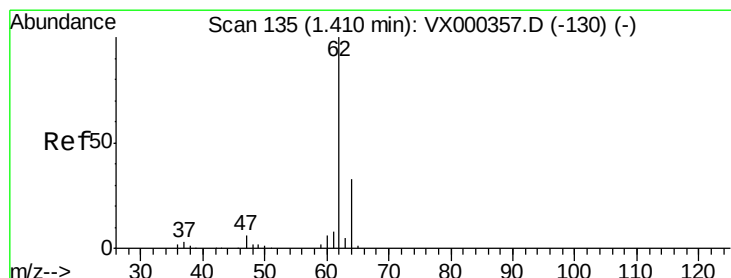
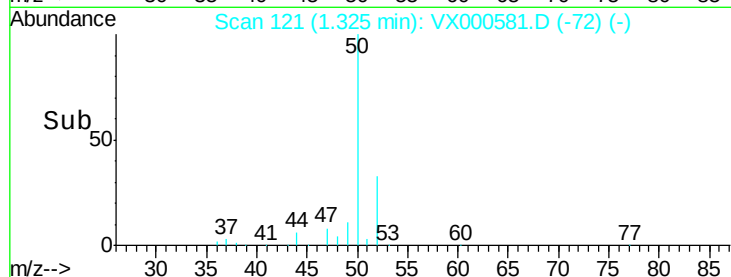
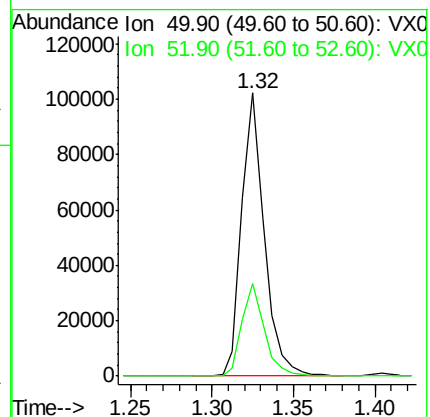
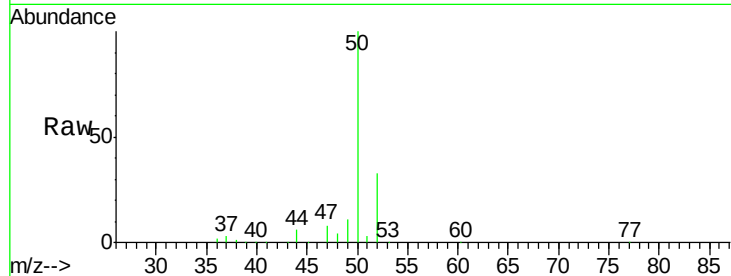
VSTDCCC050EC

Tgt Ion: 50 Resp: 98386

Ion Ratio Lower Upper

50 100

52 32.8 27.5 41.3



#4

Vinyl Chloride

Concen: 48.46 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000581.D

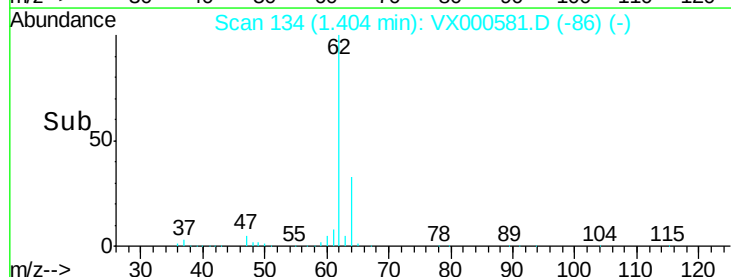
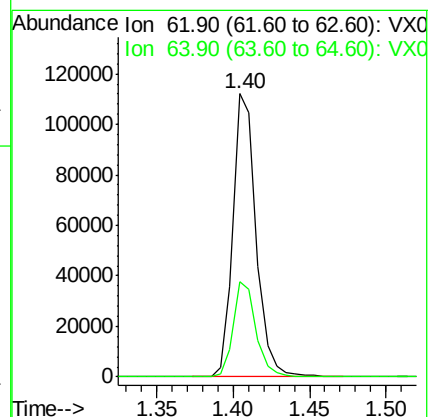
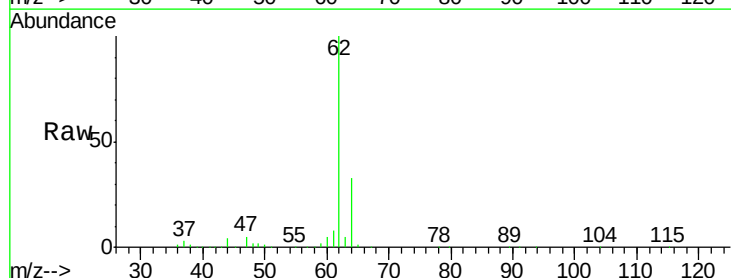
Acq: 31 Mar 2018 00:20

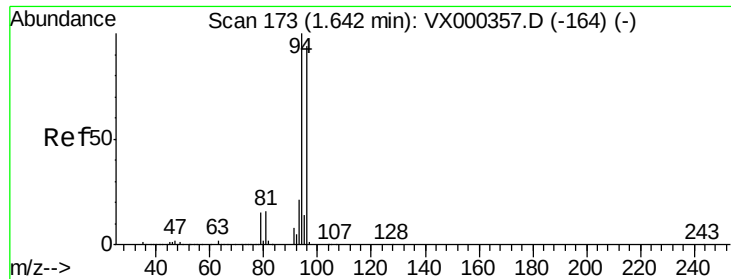
Tgt Ion: 62 Resp: 117610

Ion Ratio Lower Upper

62 100

64 33.4 24.8 37.2





#5

Bromomethane

Concen: 44.37 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

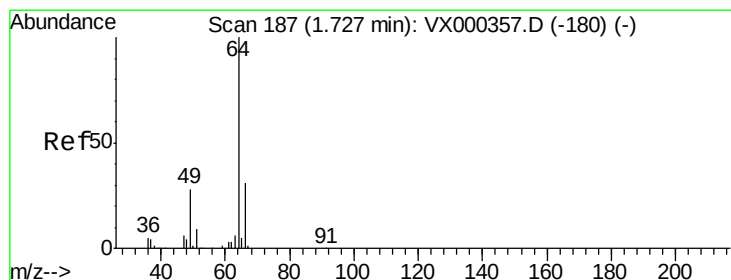
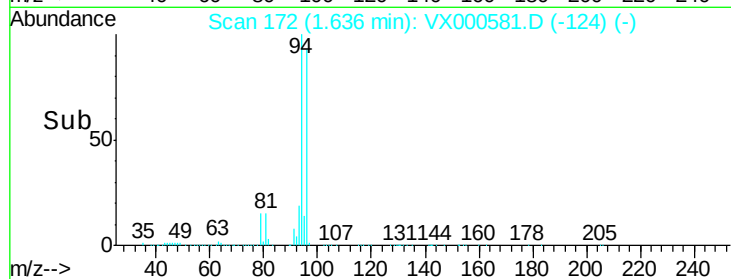
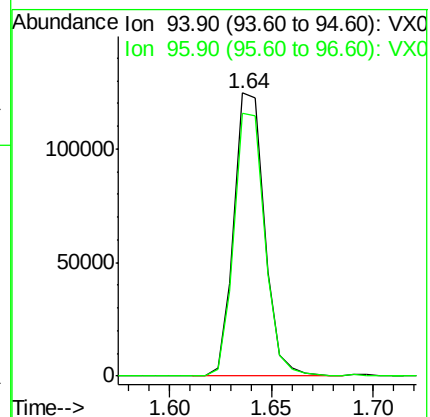
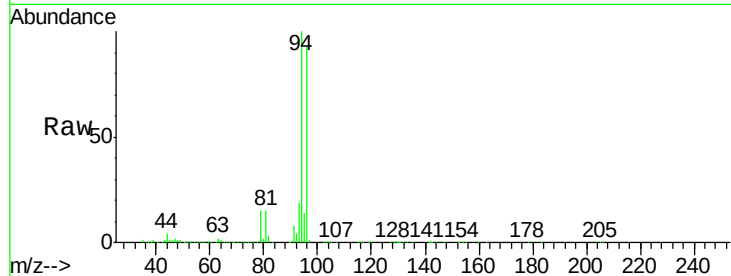
VSTDCCC050EC

Tgt Ion: 94 Resp: 128928

Ion Ratio Lower Upper

94 100

96 93.1 77.7 116.5



#6

Chloroethane

Concen: 53.85 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000581.D

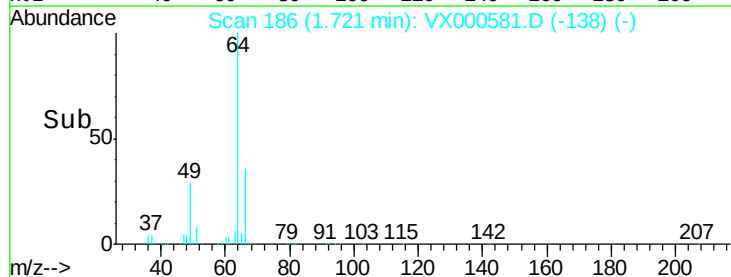
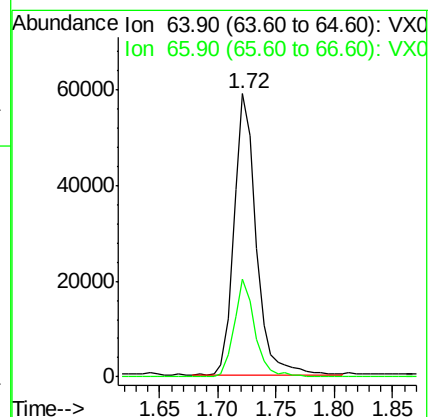
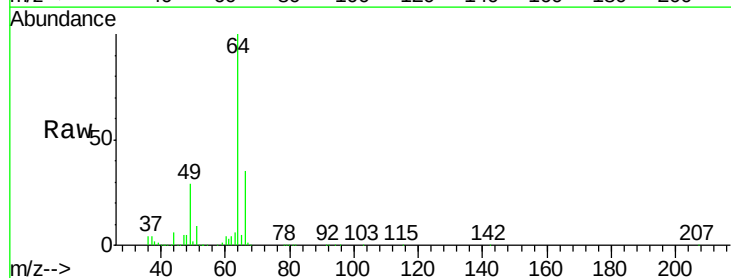
Acq: 31 Mar 2018 00:20

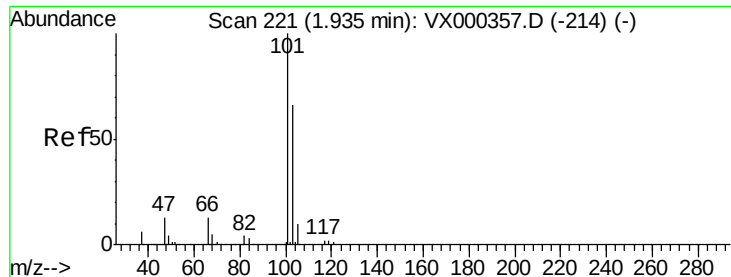
Tgt Ion: 64 Resp: 78173

Ion Ratio Lower Upper

64 100

66 34.6 24.8 37.2



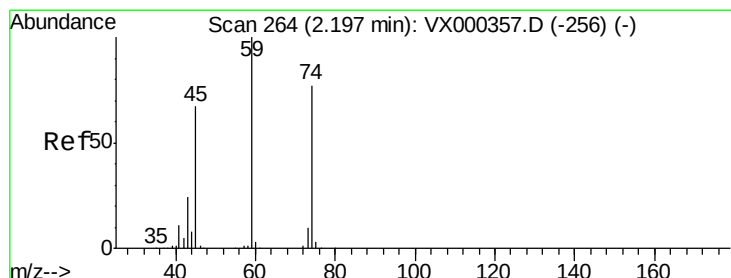
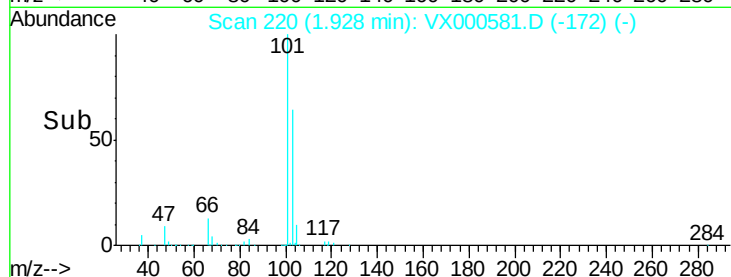
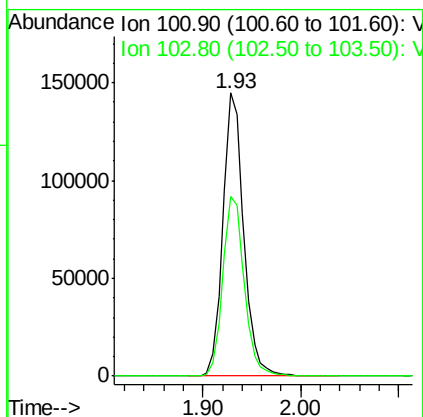
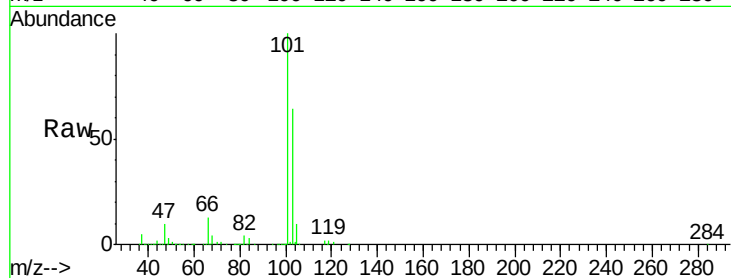


#7

Trichlorofluoromethane
 Concen: 48.80 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VX000581.D
 Acq: 31 Mar 2018 00:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

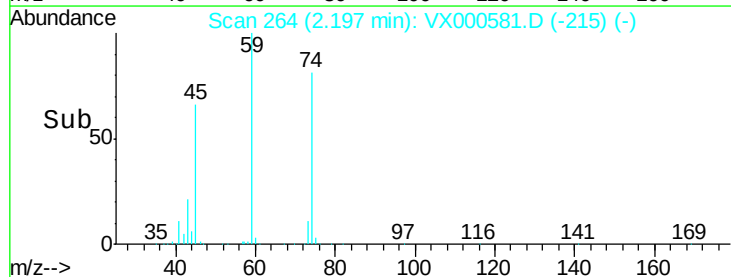
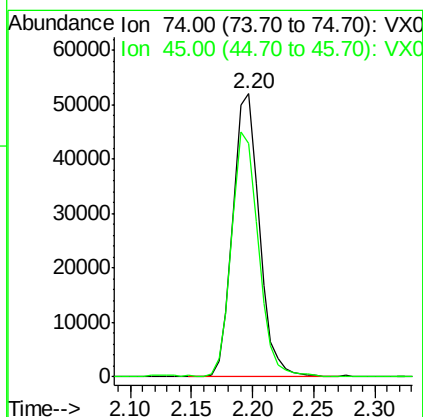
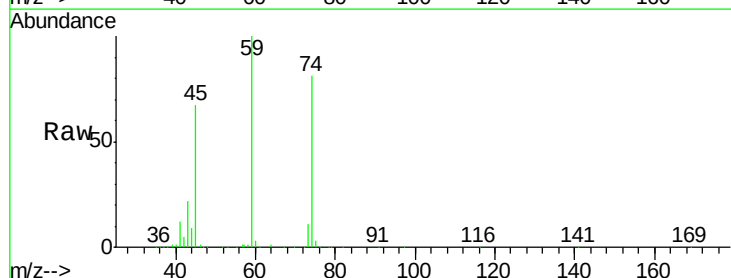
Tgt Ion: 101 Resp: 213760
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.6 77.4

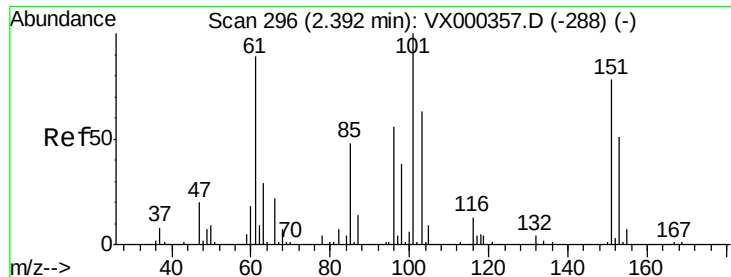


#8

Diethyl Ether
 Concen: 49.83 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. -0.00 min
 Lab File: VX000581.D
 Acq: 31 Mar 2018 00:20

Tgt Ion: 74 Resp: 78006
 Ion Ratio Lower Upper
 74 100
 45 87.3 45.1 135.3

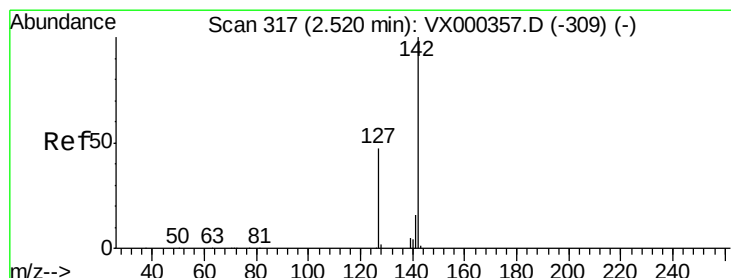
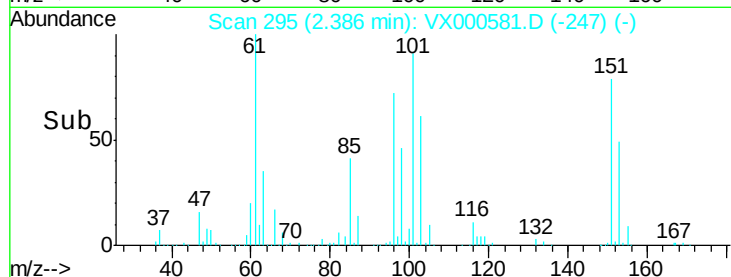
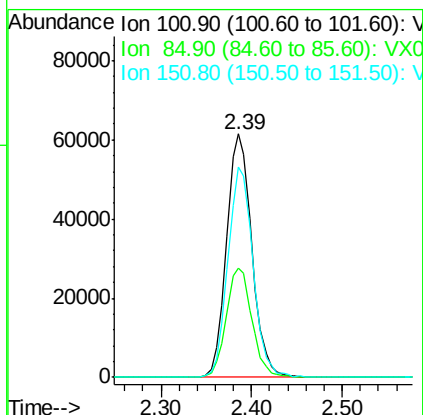
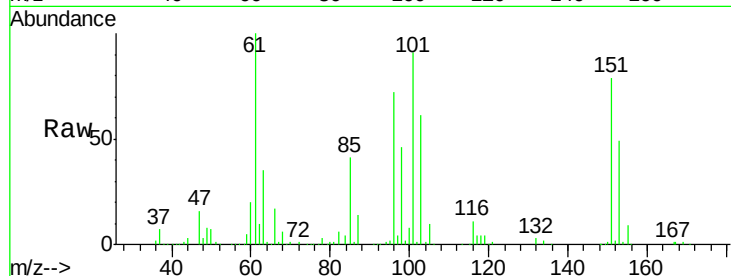




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.57 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. -0.01 min
 Lab File: VX000581.D
 Acq: 31 Mar 2018 00:20

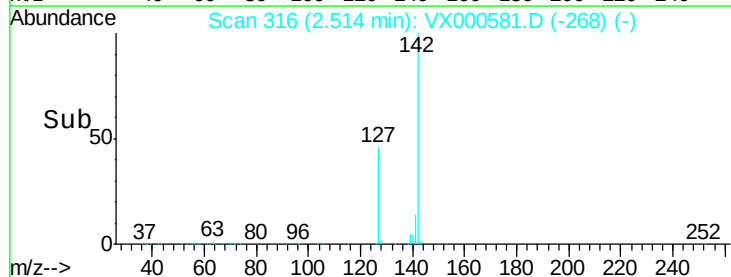
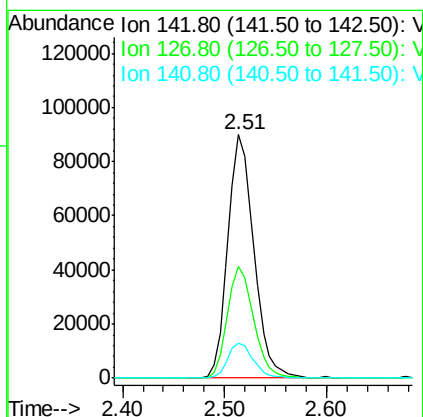
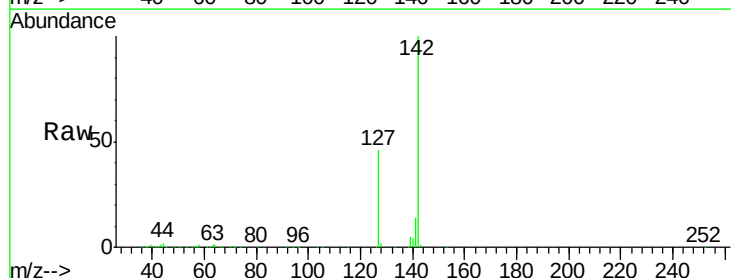
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 ClientSampleId :
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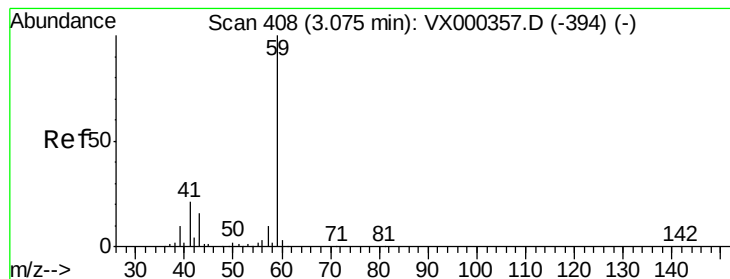
Tgt Ion:101 Resp: 118640
 Ion Ratio Lower Upper
 101 100
 85 45.8 37.6 56.4
 151 86.3 62.6 93.8



#10
 Methyl Iodide
 Concen: 64.38 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX000581.D
 Acq: 31 Mar 2018 00:20

Tgt Ion:142 Resp: 159087
 Ion Ratio Lower Upper
 142 100
 127 46.0 39.2 58.8
 141 14.3 11.7 17.5





#11

Tert butyl alcohol

Concen: 224.51 ug/l

RT: 3.09 min Scan# 410

Delta R.T. 0.01 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

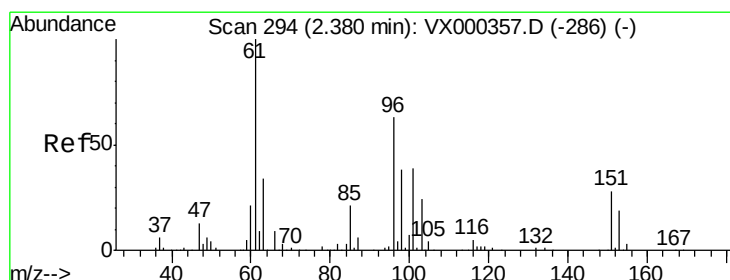
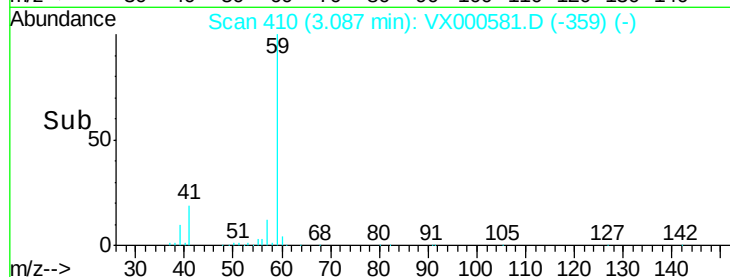
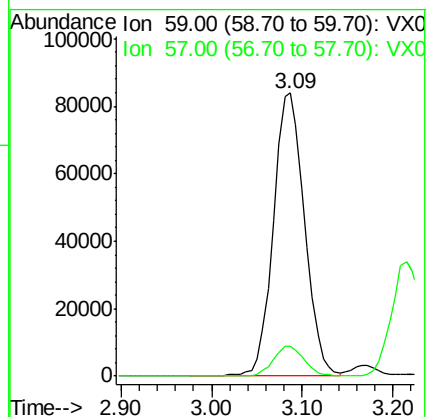
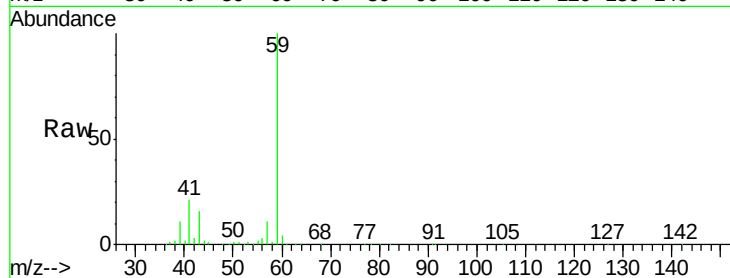
VSTDCCC050EC

Tgt Ion: 59 Resp: 199436

Ion Ratio Lower Upper

59 100

57 10.5 8.4 12.6



#12

1,1-Dichloroethene

Concen: 53.17 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

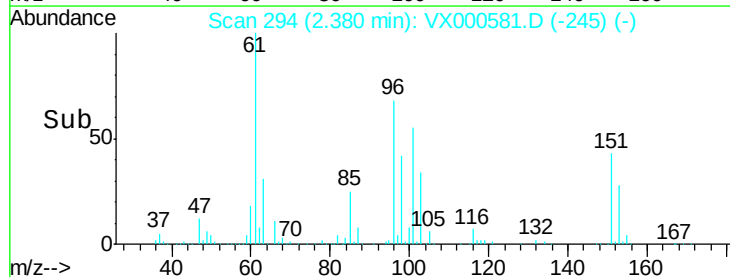
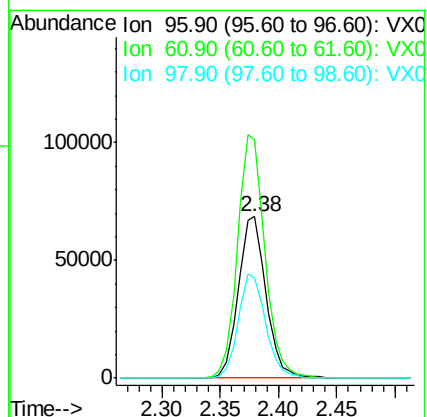
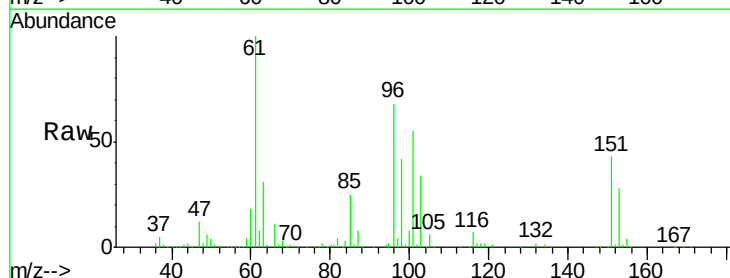
Tgt Ion: 96 Resp: 114023

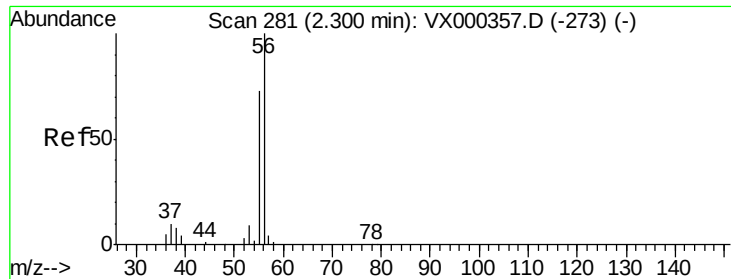
Ion Ratio Lower Upper

96 100

61 147.5 131.2 196.8

98 62.4 49.8 74.8





#13

Acrolein

Concen: 438.50 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

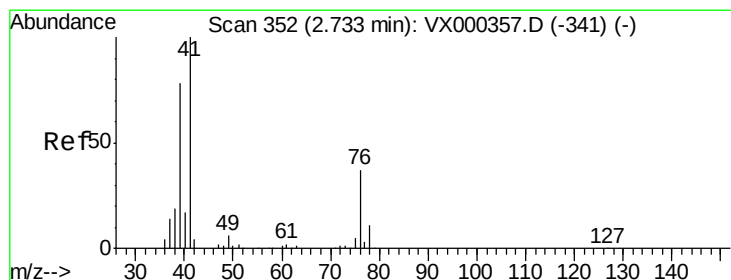
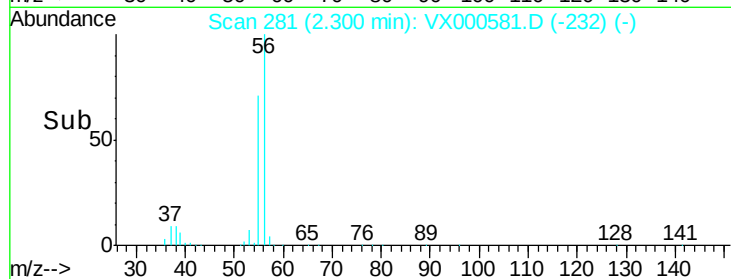
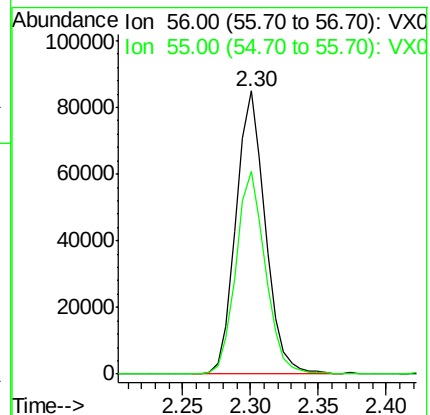
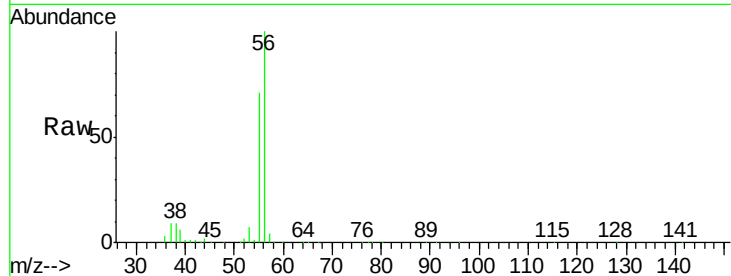
VSTDCCC050EC

Tgt Ion: 56 Resp: 127684

Ion Ratio Lower Upper

56 100

55 72.6 58.8 88.2



#14

Allyl chloride

Concen: 47.54 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

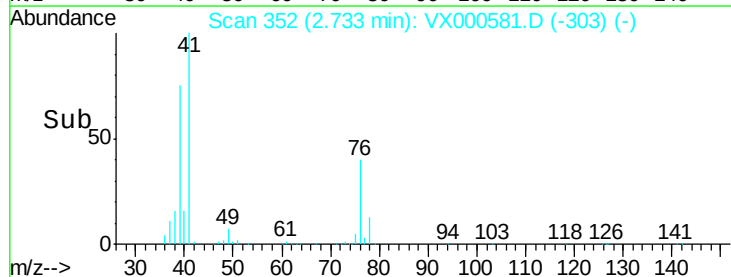
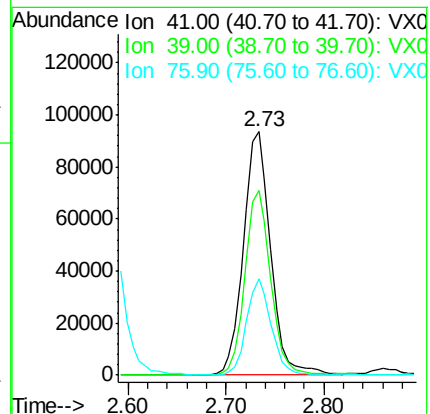
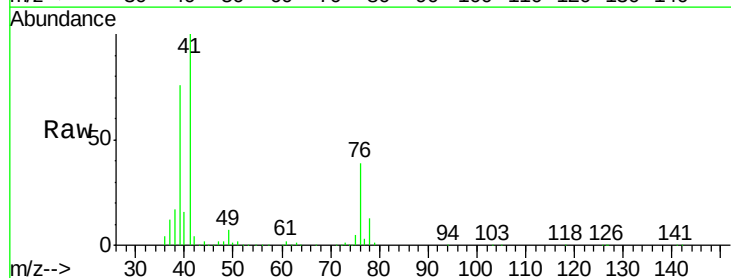
Tgt Ion: 41 Resp: 180079

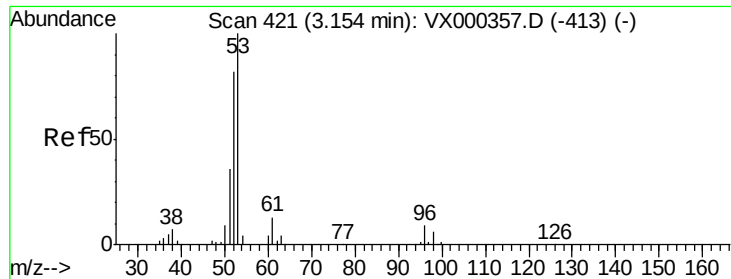
Ion Ratio Lower Upper

41 100

39 70.8 57.6 86.4

76 36.0 27.3 40.9





#15

Acrylonitrile

Concen: 228.79 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

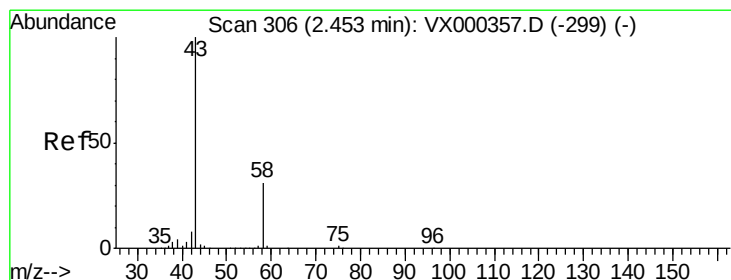
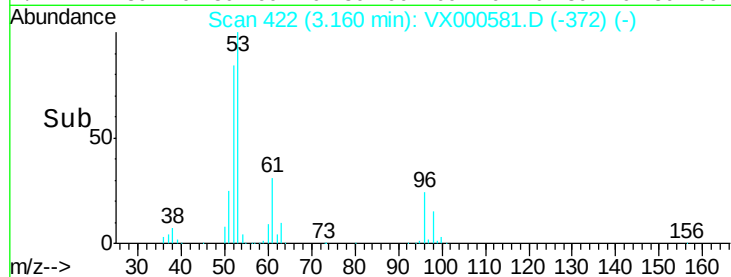
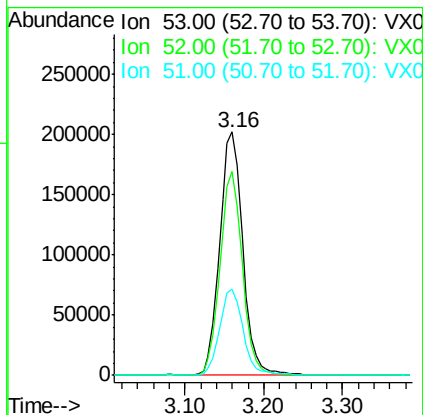
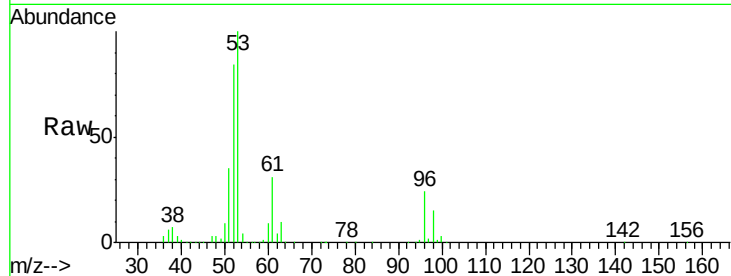
Tgt Ion: 53 Resp: 411630

Ion Ratio Lower Upper

53 100

52 81.6 66.6 99.8

51 36.0 29.3 43.9



#16

Acetone

Concen: 182.02 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000581.D

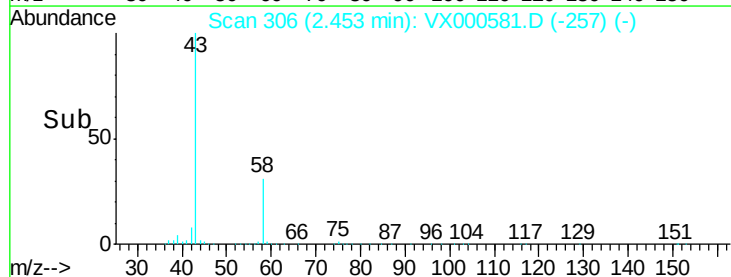
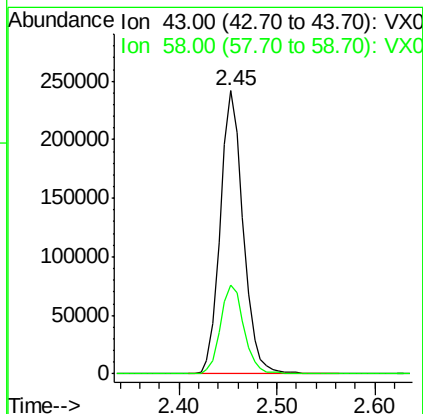
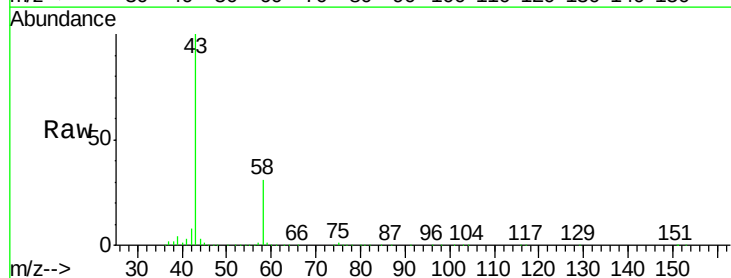
Acq: 31 Mar 2018 00:20

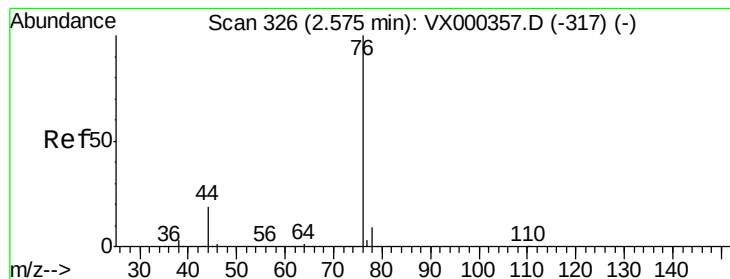
Tgt Ion: 43 Resp: 391045

Ion Ratio Lower Upper

43 100

58 31.3 24.7 37.1





#17

Carbon Disulfide

Concen: 51.97 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

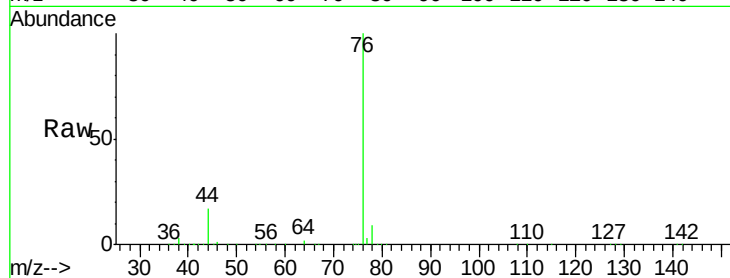
VSTDCCC050EC

Tgt Ion: 76 Resp: 296435

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

150000

100000

50000

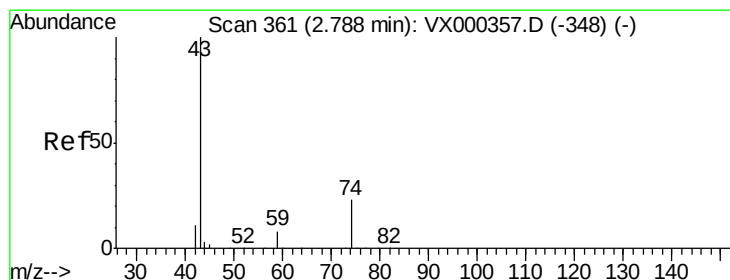
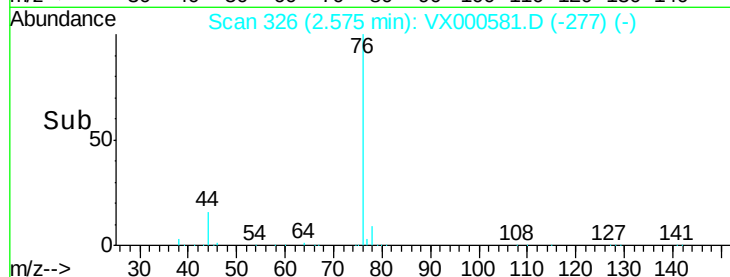
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 44.63 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX000581.D

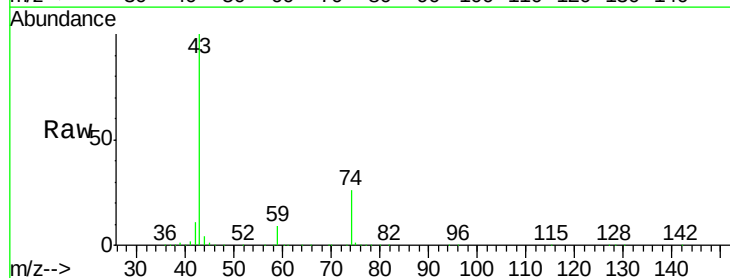
Acq: 31 Mar 2018 00:20

Tgt Ion: 43 Resp: 201026

Ion Ratio Lower Upper

43 100

74 25.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.79

120000

100000

80000

60000

40000

20000

0

Time-->

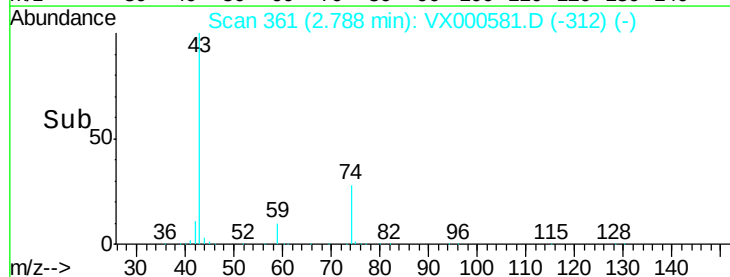
2.70

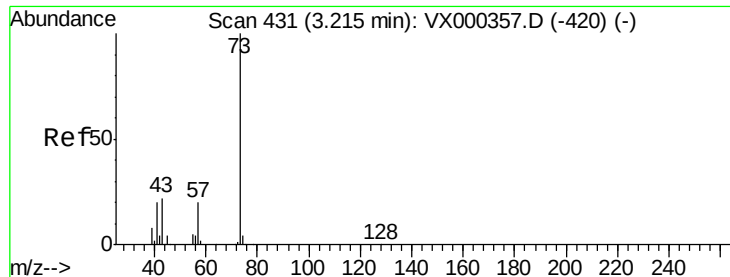
2.75

2.80

2.85

2.90





#19

Methyl tert-butyl Ether

Concen: 49.46 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

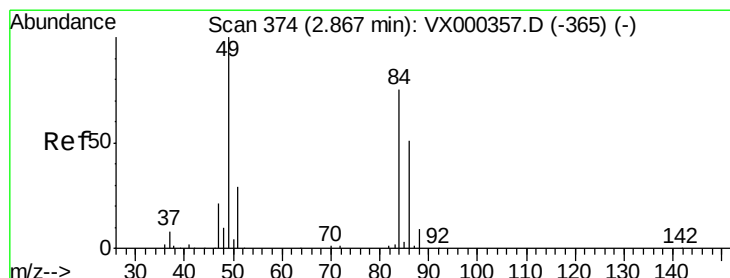
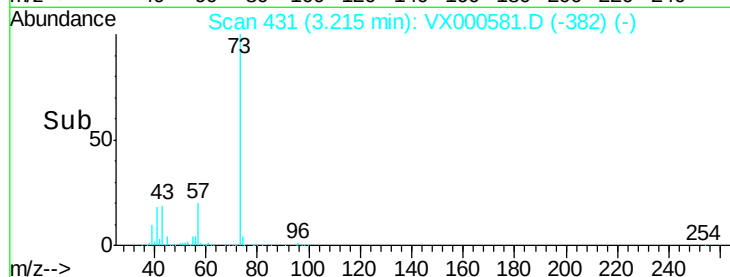
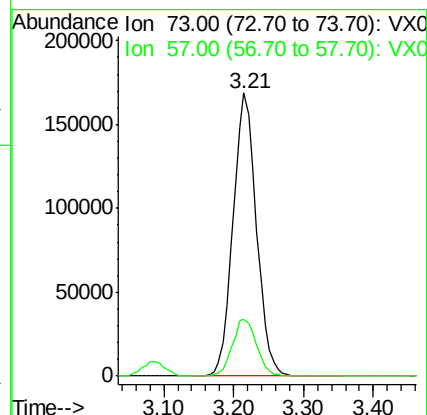
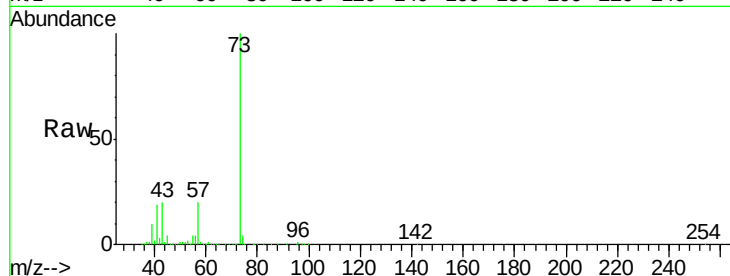
VSTDCCC050EC

Tgt Ion: 73 Resp: 392289

Ion Ratio Lower Upper

73 100

57 20.2 17.2 25.8



#20

Methylene Chloride

Concen: 50.14 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.01 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Tgt Ion: 84 Resp: 124411

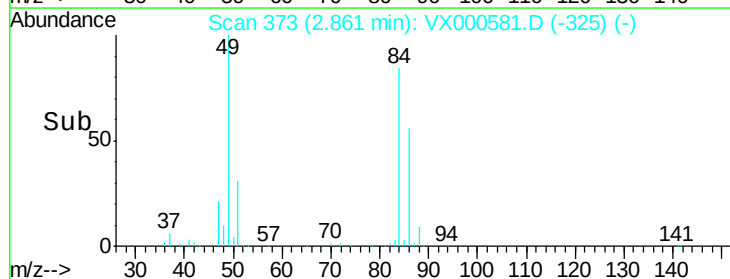
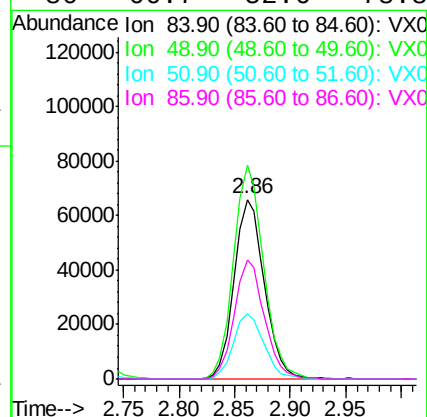
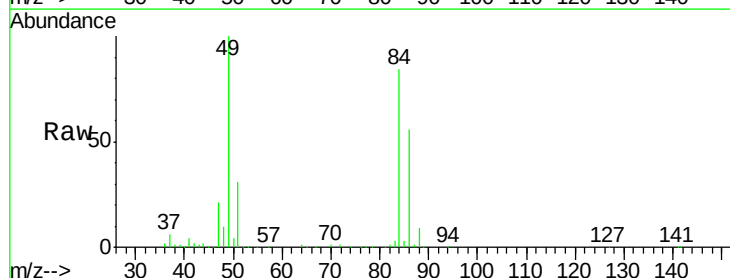
Ion Ratio Lower Upper

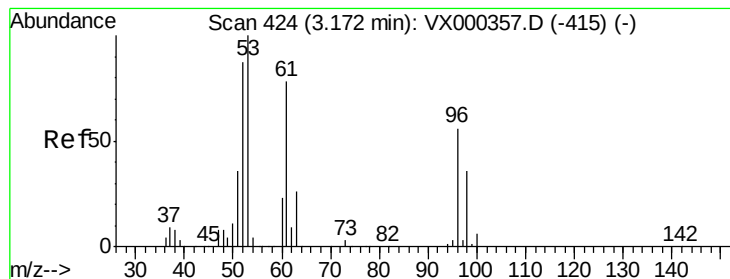
84 100

49 119.1 100.6 151.0

51 36.4 31.6 47.4

86 66.7 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 51.29 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

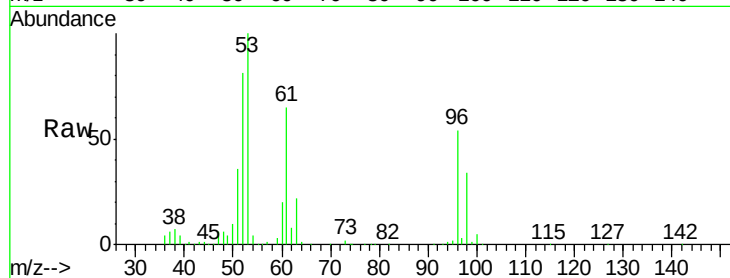
Tgt Ion: 96 Resp: 122701

Ion Ratio Lower Upper

96 100

61 120.8 104.0 156.0

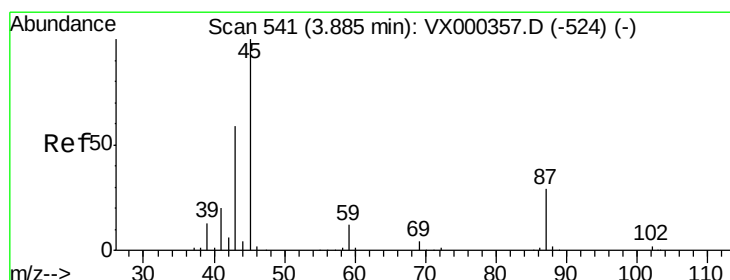
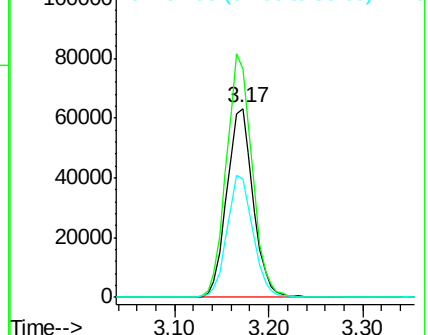
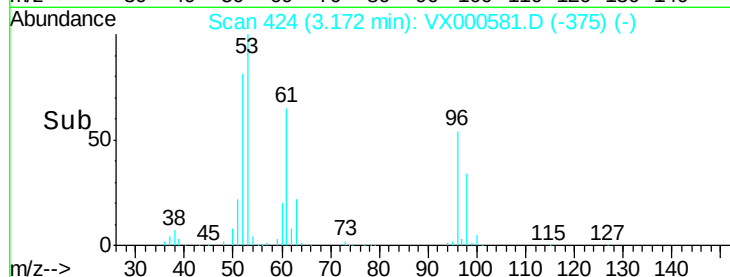
98 62.8 52.1 78.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 43.29 ug/l

RT: 3.89 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Tgt Ion: 45 Resp: 290217

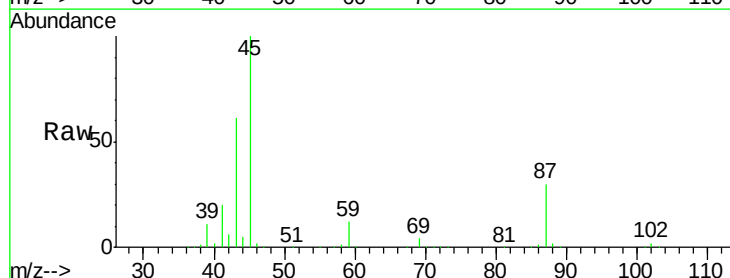
Ion Ratio Lower Upper

45 100

43 60.6 53.9 80.9

87 29.7 22.6 34.0

59 11.7 9.5 14.3

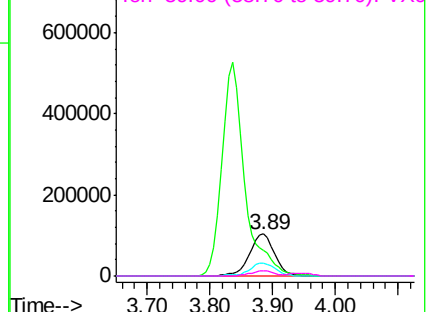
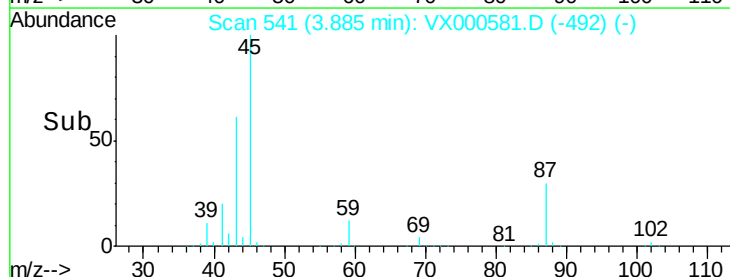


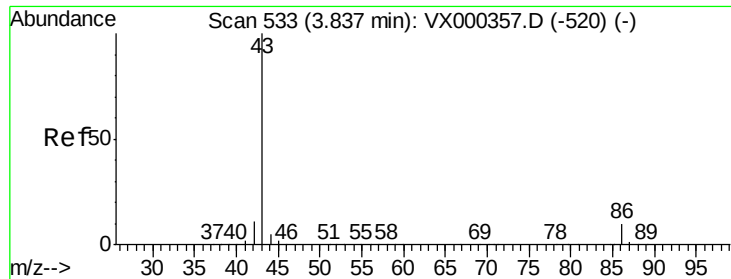
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 209.35 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

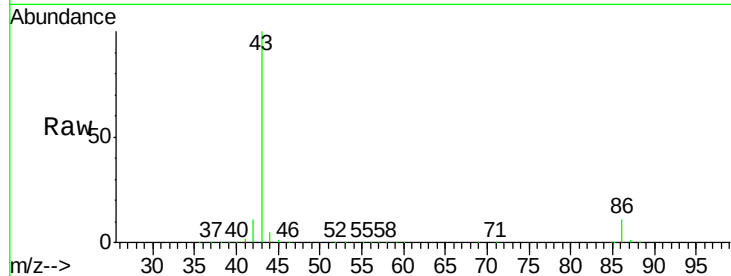
VSTDCCC050EC

Tgt Ion: 43 Resp: 1330404

Ion Ratio Lower Upper

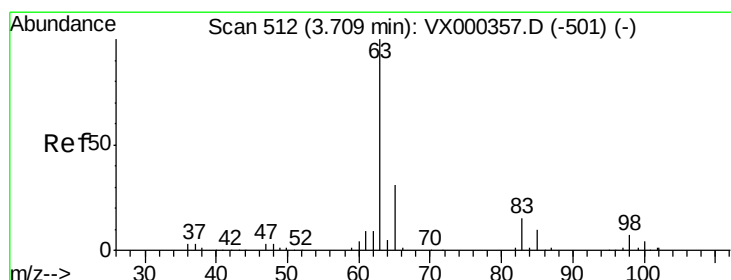
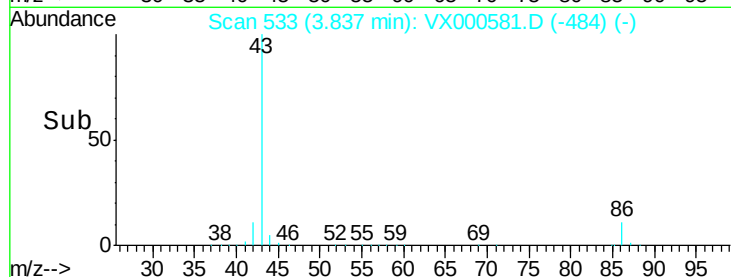
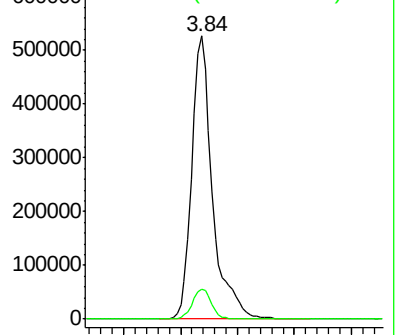
43 100

86 10.7 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 33.89 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

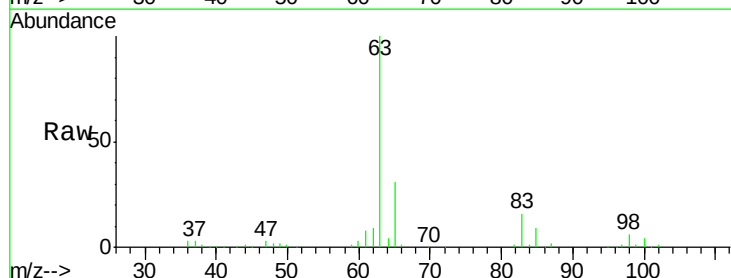
Tgt Ion: 63 Resp: 142835

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

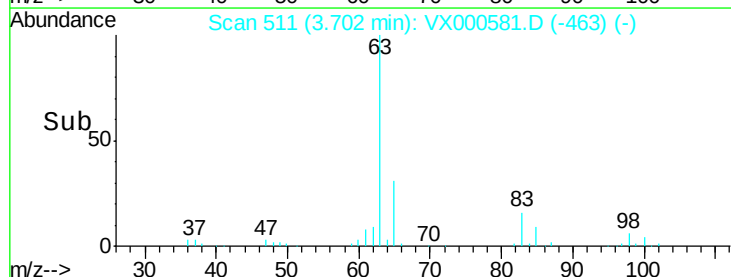
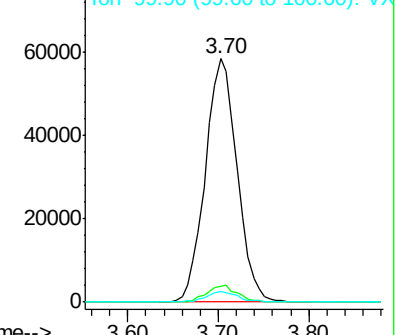
100 4.3 2.0 5.8

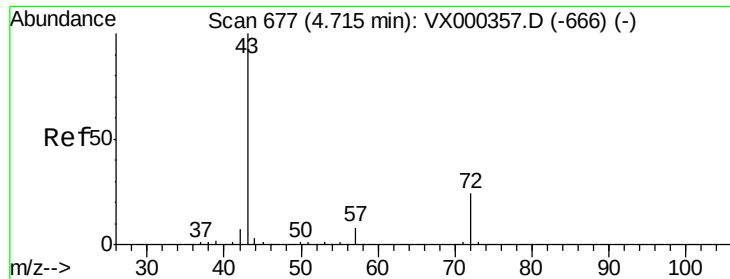


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 203.19 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

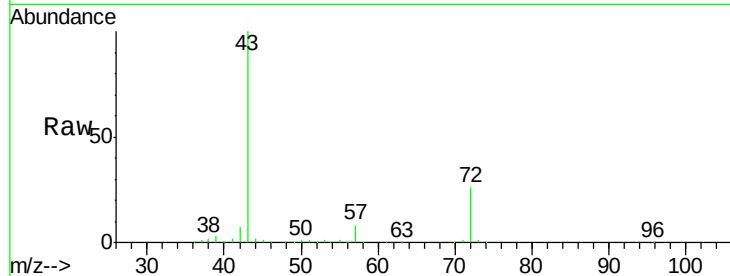
VSTDCCC050EC

Tgt Ion: 43 Resp: 490650

Ion Ratio Lower Upper

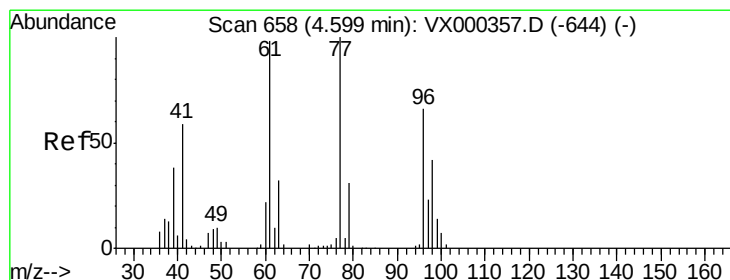
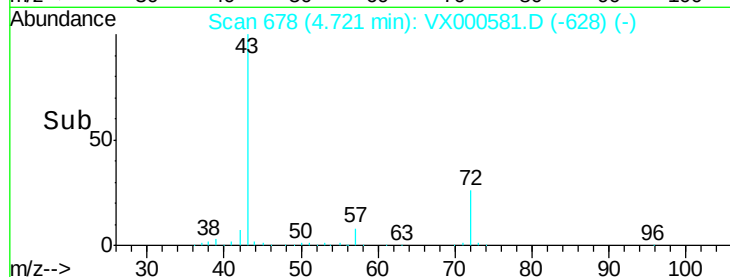
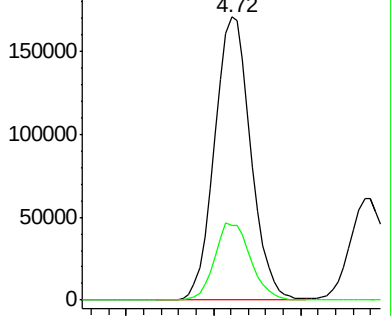
43 100

72 26.4 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 41.40 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000581.D

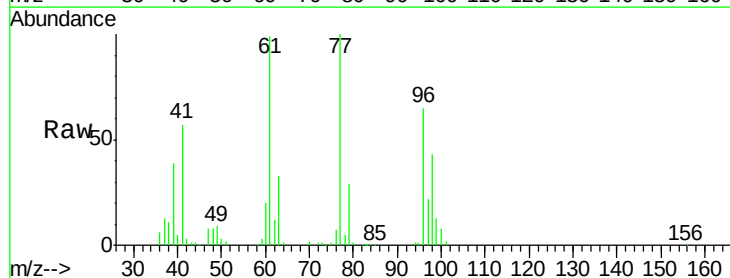
Acq: 31 Mar 2018 00:20

Tgt Ion: 77 Resp: 122282

Ion Ratio Lower Upper

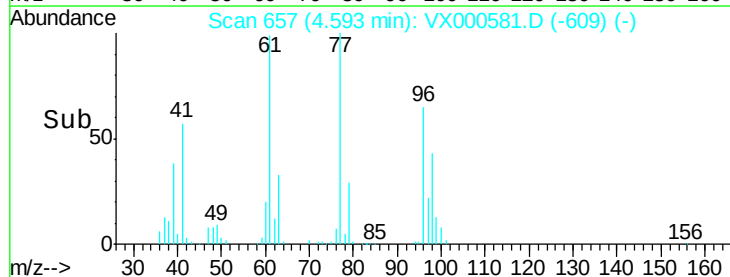
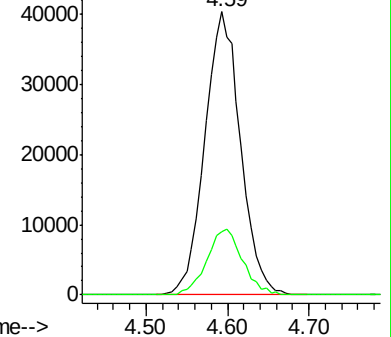
77 100

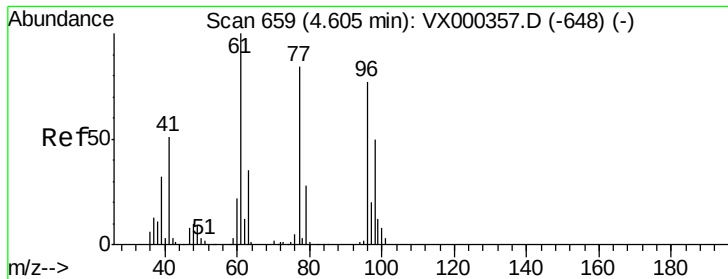
97 23.2 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



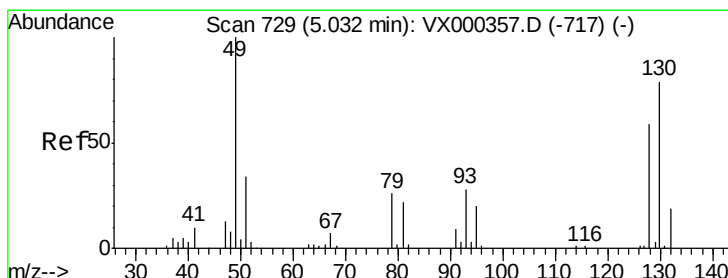
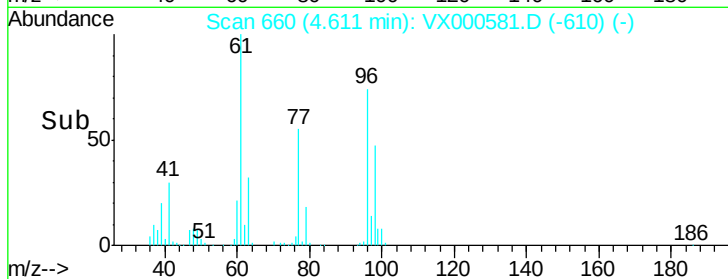
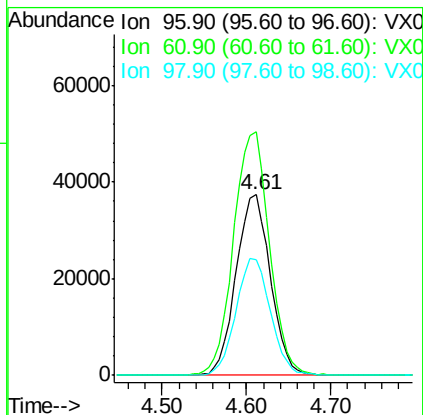
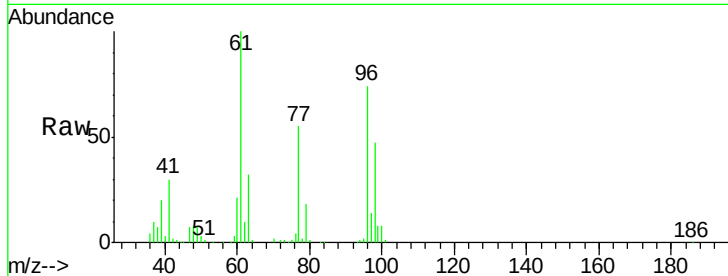


#27

cis-1,2-Dichloroethene
Concen: 46.15 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000581.D
Acq: 31 Mar 2018 00:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

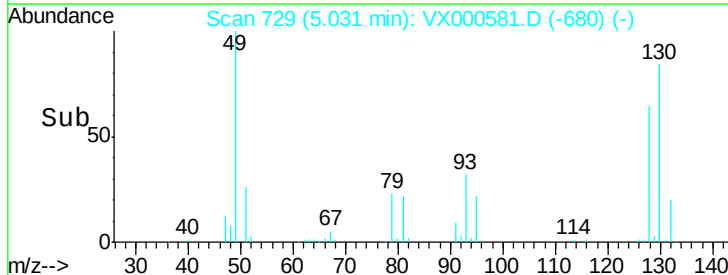
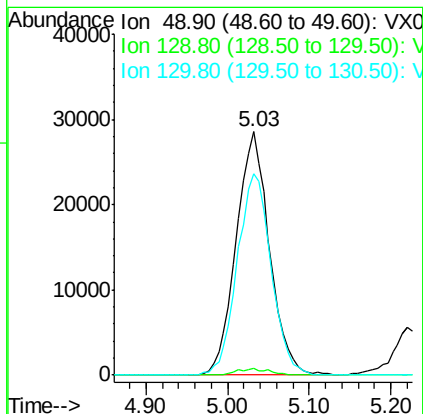
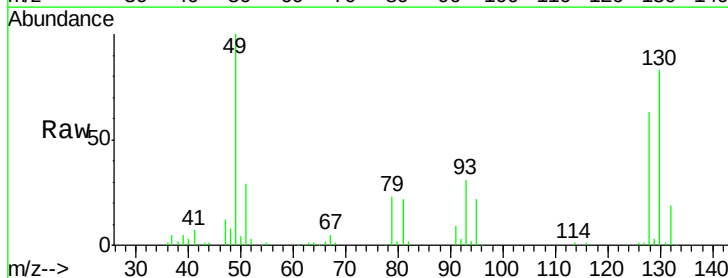
Tgt Ion: 96 Resp: 103169
Ion Ratio Lower Upper
96 100
61 141.0 0.0 291.6
98 64.9 0.0 132.0

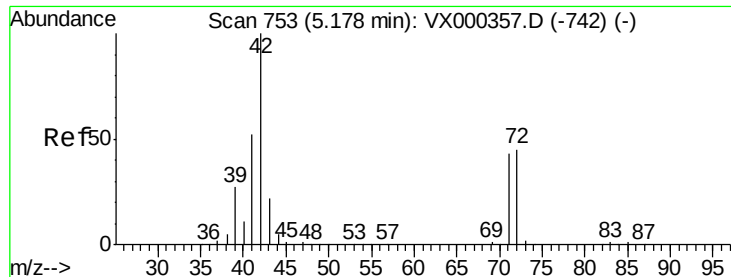


#28

Bromochloromethane
Concen: 46.51 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000581.D
Acq: 31 Mar 2018 00:20

Tgt Ion: 49 Resp: 80827
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.0
130 84.4 64.0 96.0

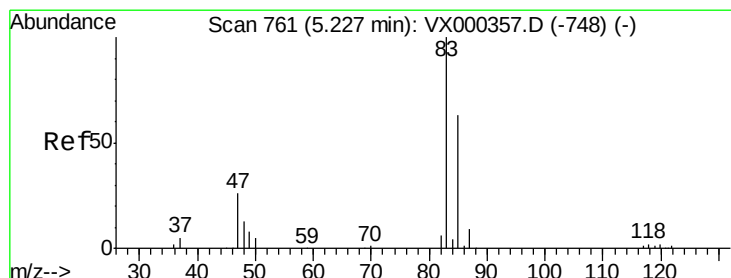
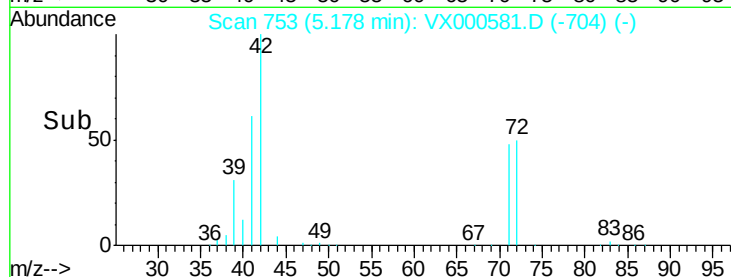
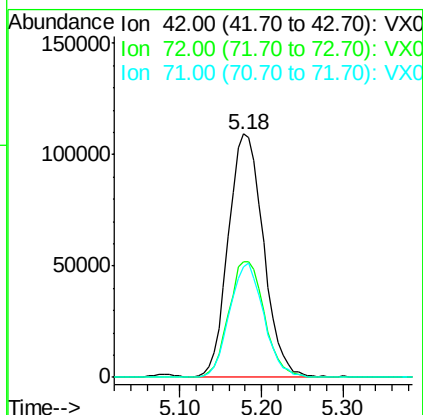
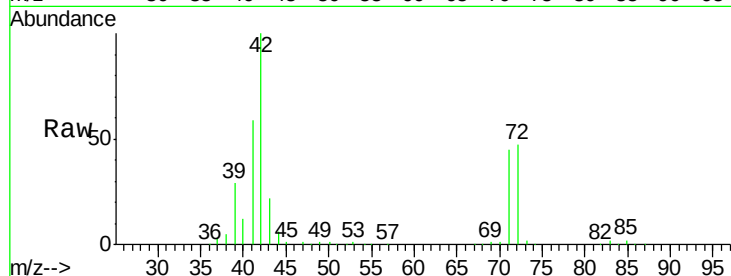




#29
Tetrahydrofuran
Concen: 218.07 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000581.D
Acq: 31 Mar 2018 00:20

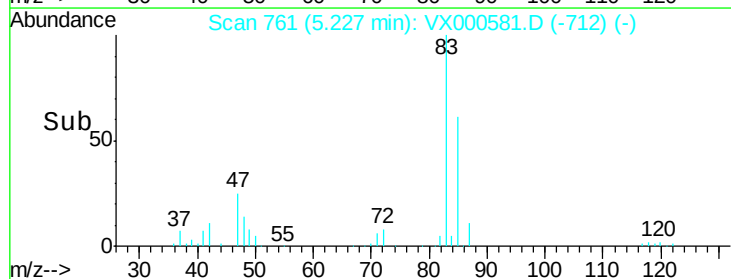
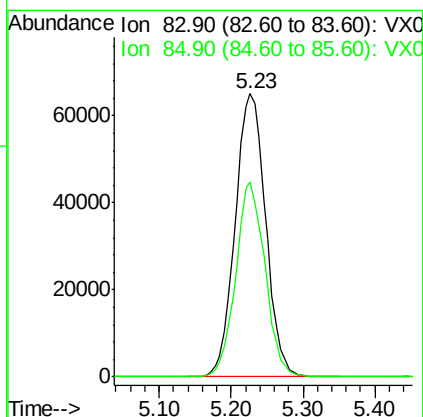
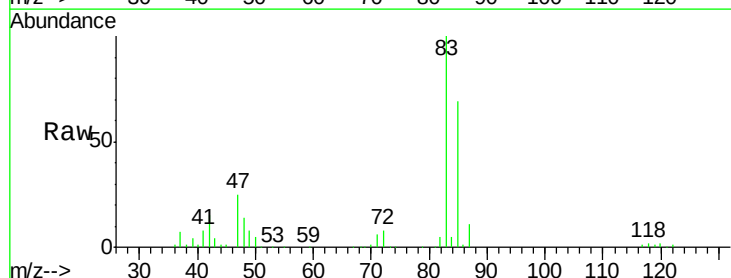
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

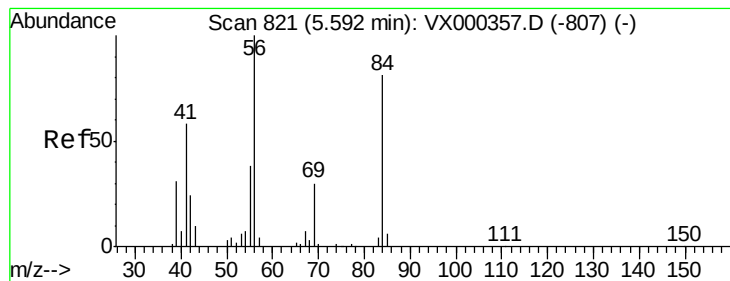
Tgt Ion: 42 Resp: 323986
Ion Ratio Lower Upper
42 100
72 48.6 37.9 56.9
71 46.0 34.4 51.6



#30
Chloroform
Concen: 48.38 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000581.D
Acq: 31 Mar 2018 00:20

Tgt Ion: 83 Resp: 191117
Ion Ratio Lower Upper
83 100
85 68.8 53.3 79.9





#31

Cyclohexane

Concen: 46.22 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.01 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

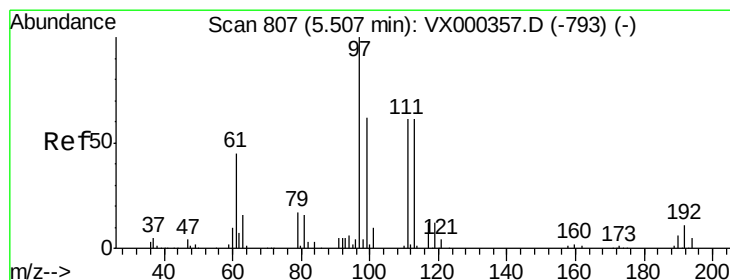
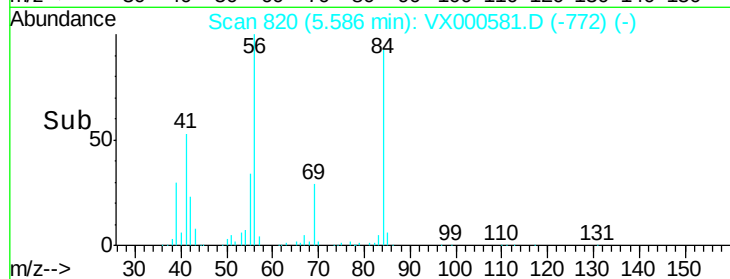
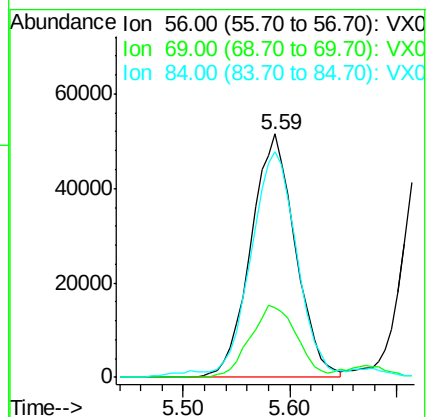
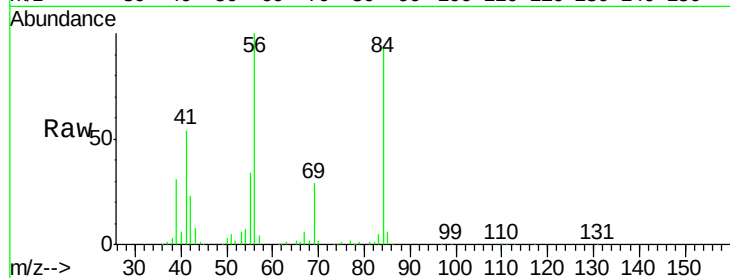
Tgt Ion: 56 Resp: 150595

Ion Ratio Lower Upper

56 100

69 28.8 23.4 35.0

84 89.8 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 48.43 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

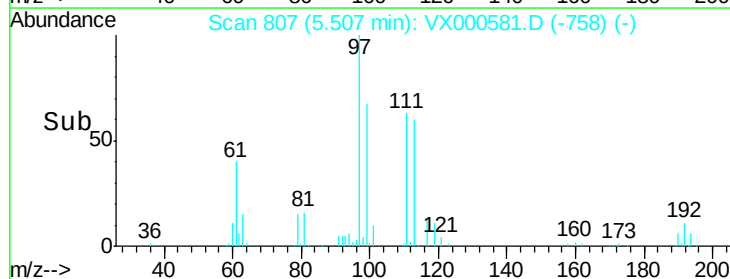
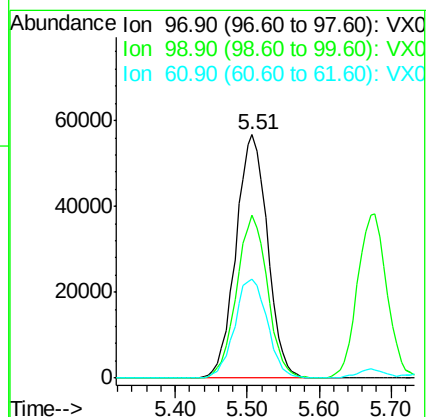
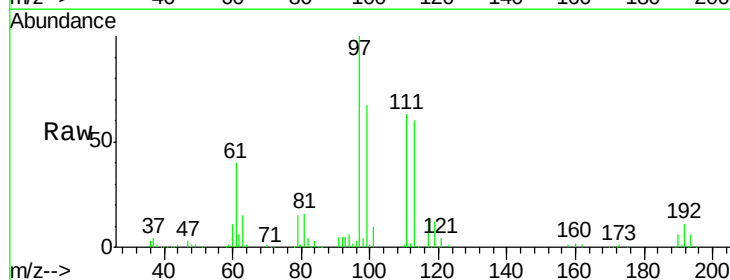
Tgt Ion: 97 Resp: 172556

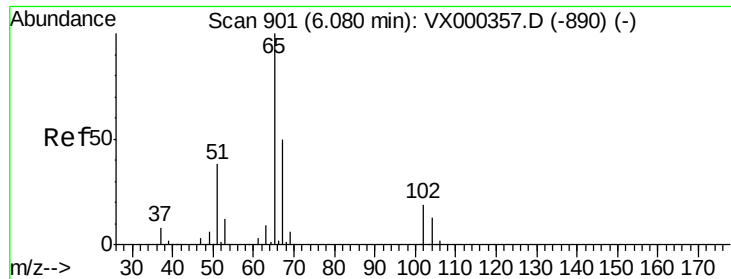
Ion Ratio Lower Upper

97 100

99 65.7 52.1 78.1

61 42.2 36.2 54.4

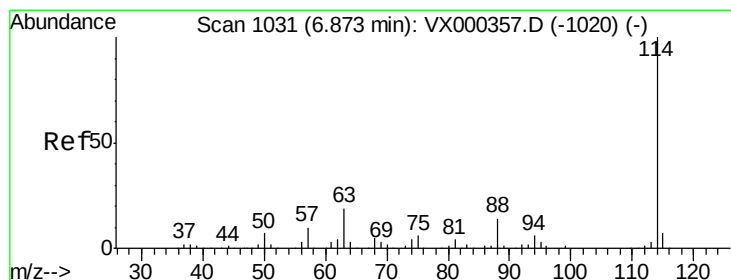
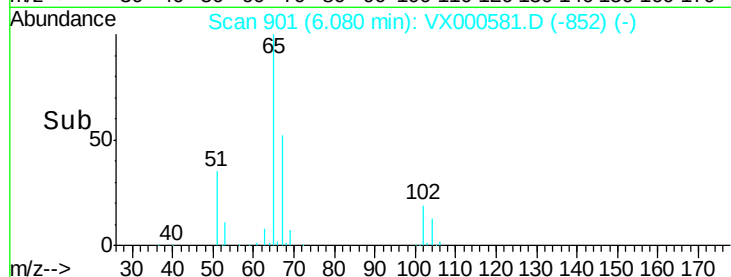
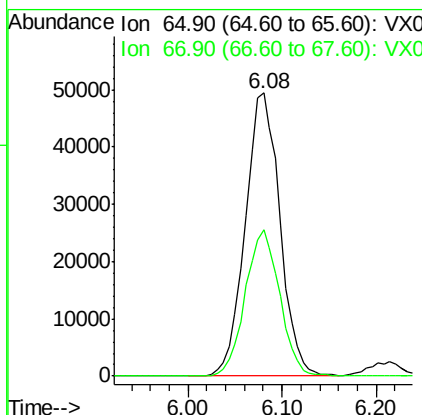
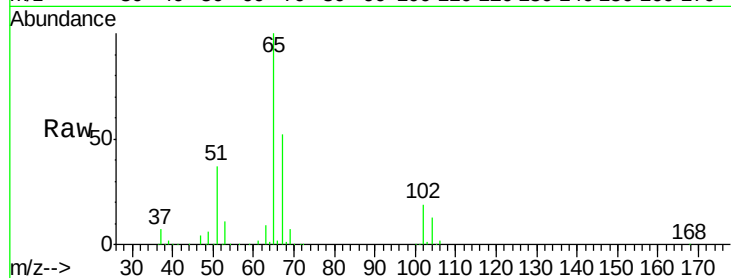




#33
 1,2-Dichloroethane-d4
 Concen: 49.16 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000581.D
 Acq: 31 Mar 2018 00:20

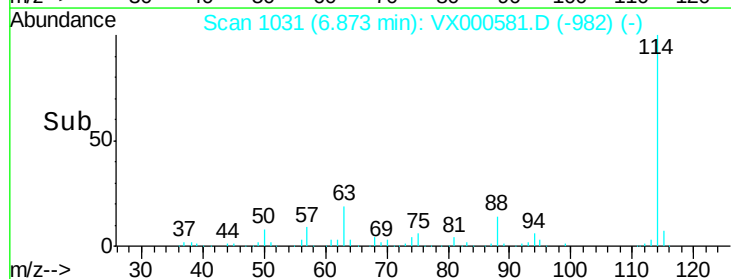
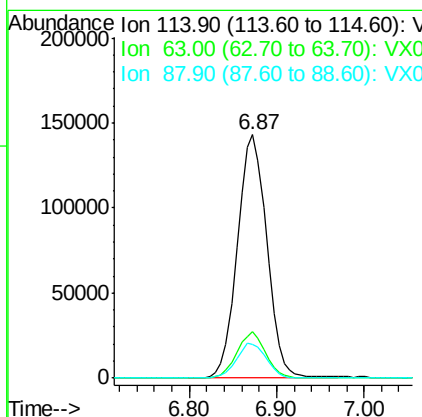
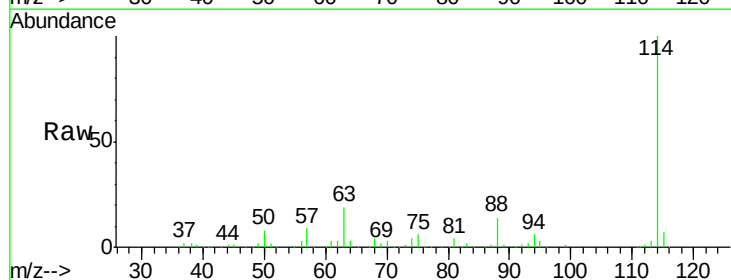
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

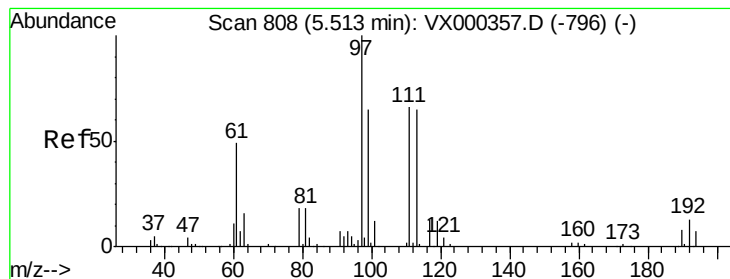
Tgt Ion: 65 Resp: 126943
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000581.D
 Acq: 31 Mar 2018 00:20

Tgt Ion: 114 Resp: 335681
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.4
 88 14.0 0.0 27.0





#35

Dibromofluoromethane

Concen: 49.77 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

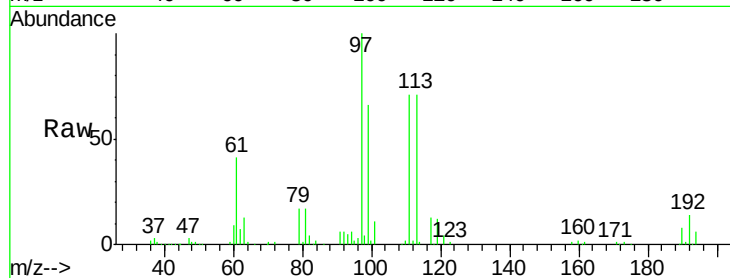
Tgt Ion:113 Resp: 105277

Ion Ratio Lower Upper

113 100

111 100.9 82.4 123.6

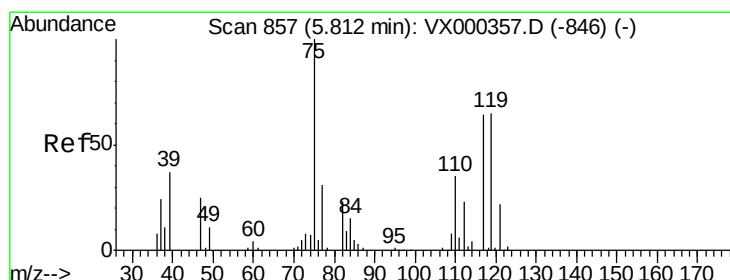
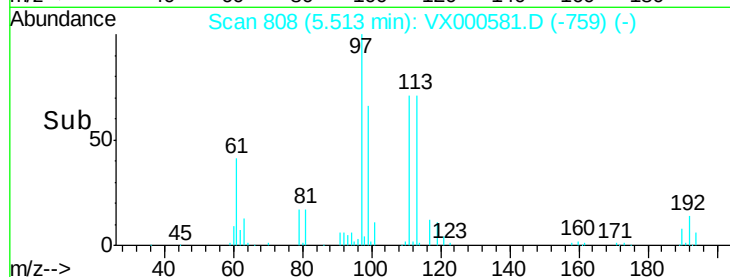
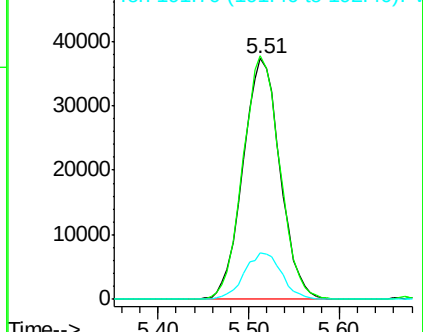
192 19.3 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.45 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

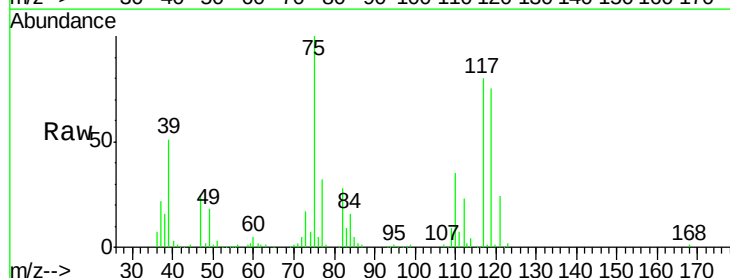
Tgt Ion: 75 Resp: 142917

Ion Ratio Lower Upper

75 100

110 37.7 17.9 53.7

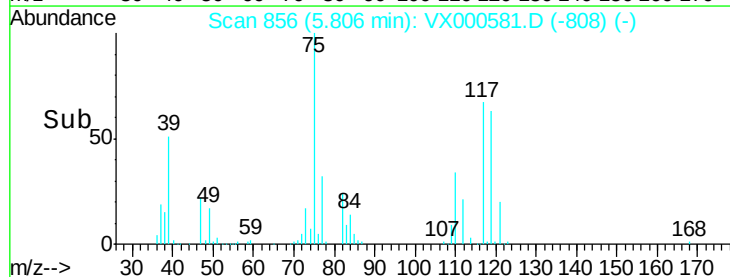
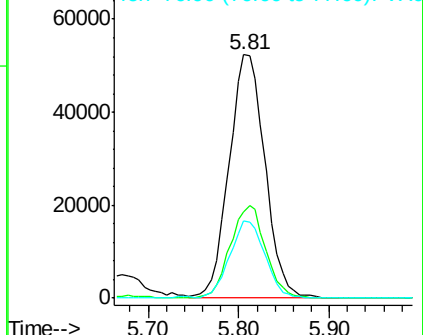
77 31.6 24.0 36.0

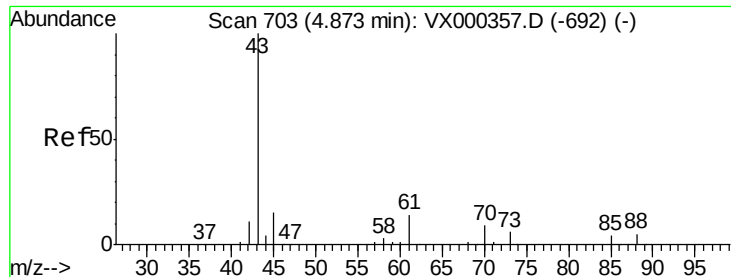


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

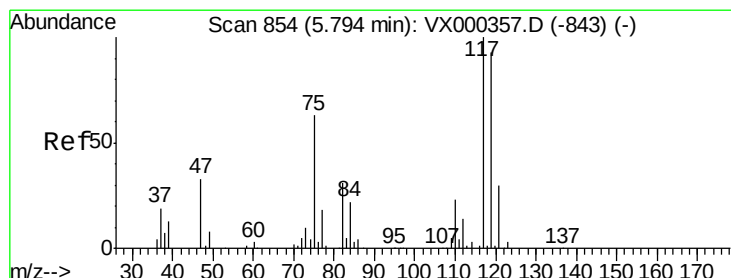
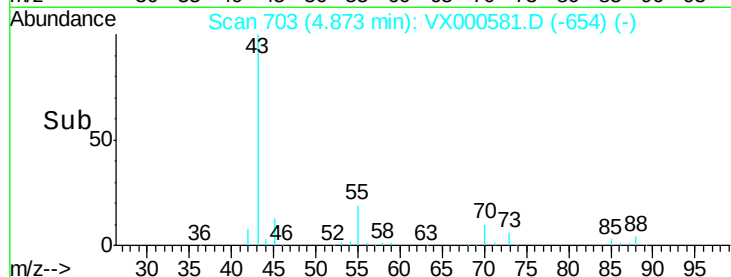
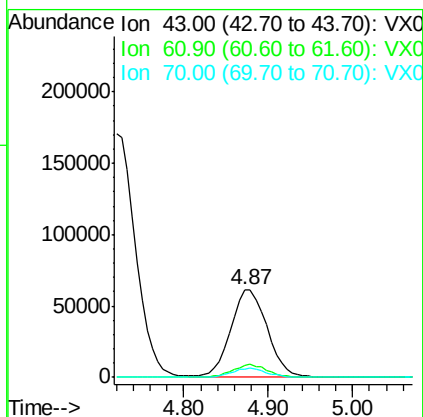
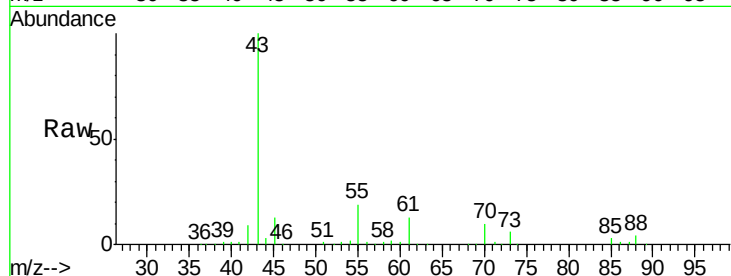




#37
Ethyl Acetate
Concen: 41.79 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000581.D
Acq: 31 Mar 2018 00:20

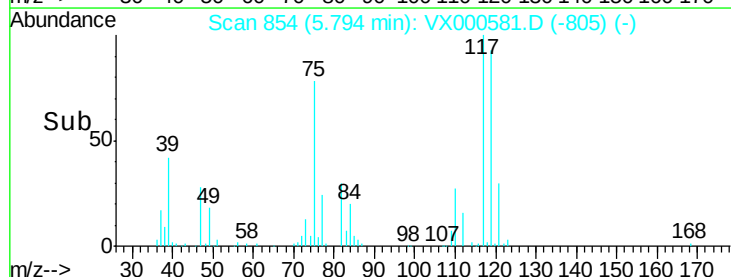
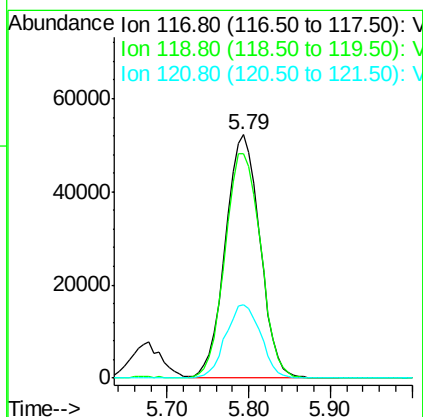
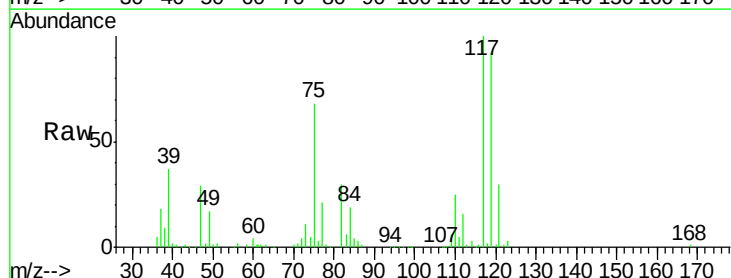
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

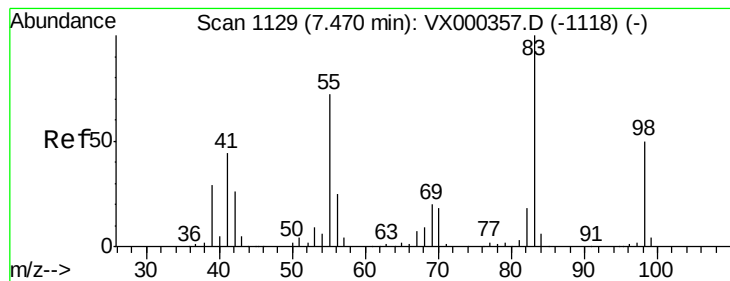
Tgt Ion: 43 Resp: 179508
Ion Ratio Lower Upper
43 100
61 14.0 11.1 16.7
70 9.9 7.7 11.5



#38
Carbon Tetrachloride
Concen: 46.35 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000581.D
Acq: 31 Mar 2018 00:20

Tgt Ion: 117 Resp: 152903
Ion Ratio Lower Upper
117 100
119 92.1 77.4 116.2
121 30.4 24.8 37.2





#39

Methylcyclohexane

Concen: 45.01 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

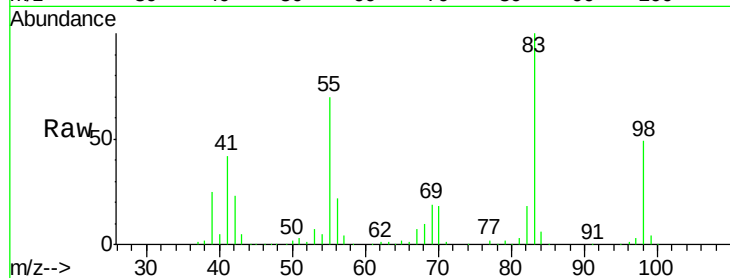
Tgt Ion: 83 Resp: 172126

Ion Ratio Lower Upper

83 100

55 69.9 55.5 83.3

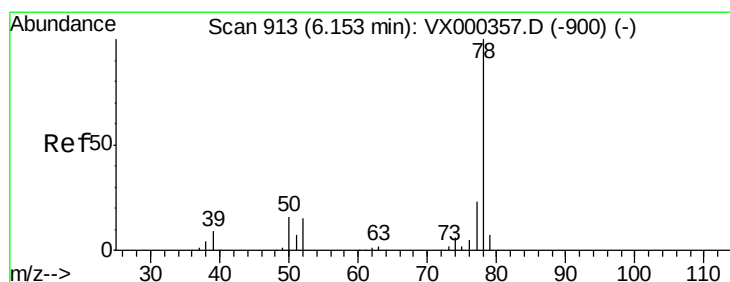
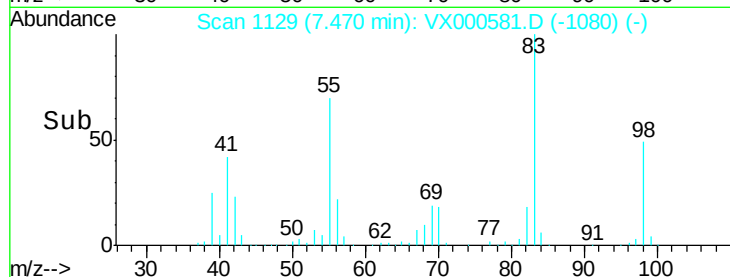
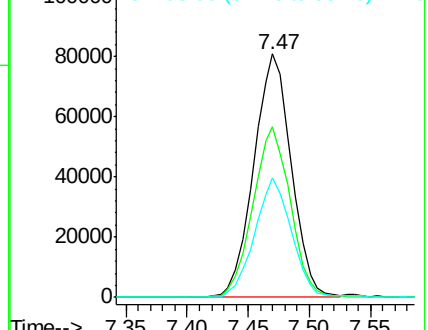
98 49.1 38.2 57.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 46.94 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX000581.D

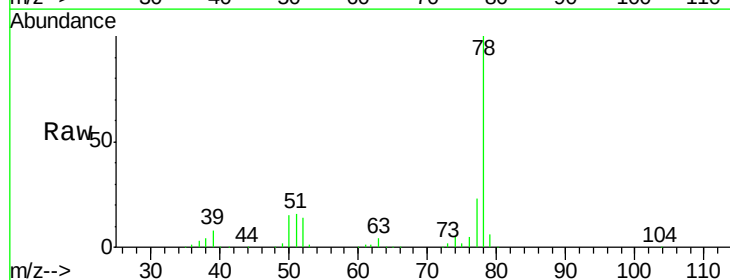
Acq: 31 Mar 2018 00:20

Tgt Ion: 78 Resp: 428650

Ion Ratio Lower Upper

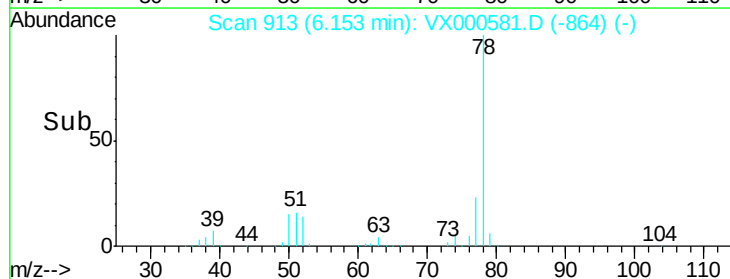
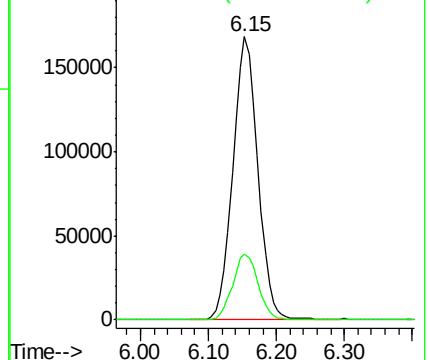
78 100

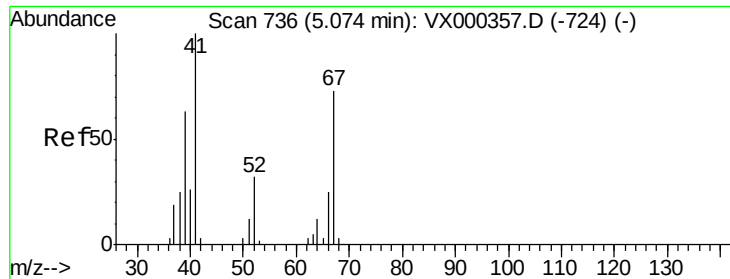
77 23.2 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

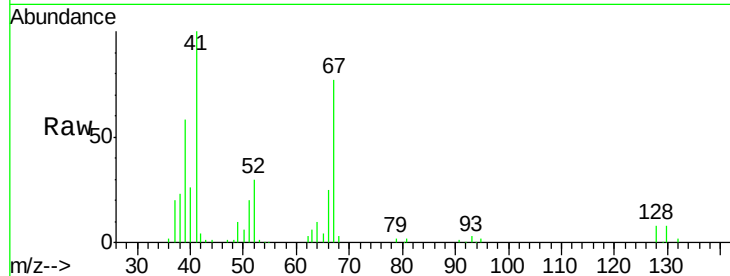




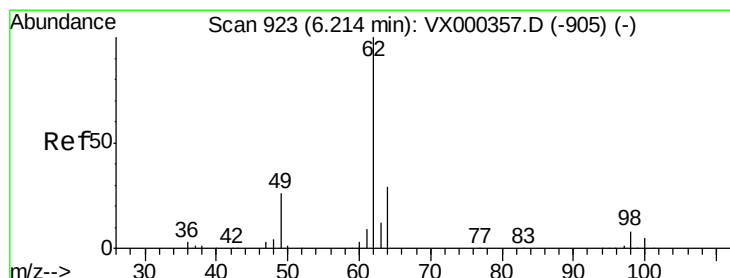
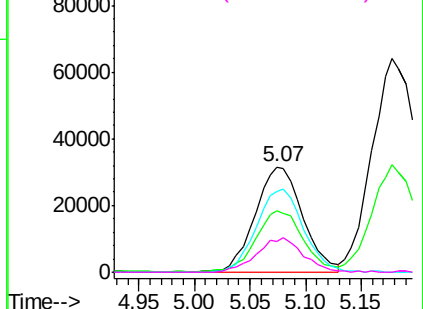
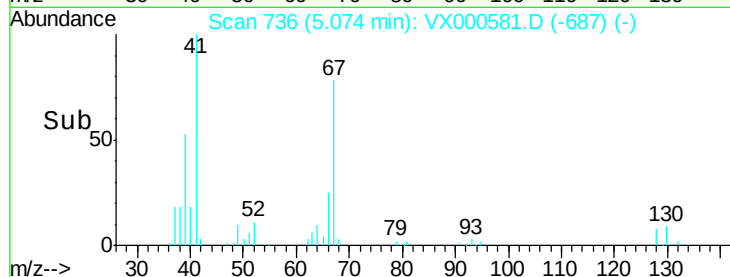
#41
Methacrylonitrile
Concen: 41.34 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000581.D
Acq: 31 Mar 2018 00:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	93605
Ion	Ratio	Lower	Upper
41	100		
39	57.7	45.7	68.5
67	78.3	57.8	86.8
52	32.6	26.7	40.1

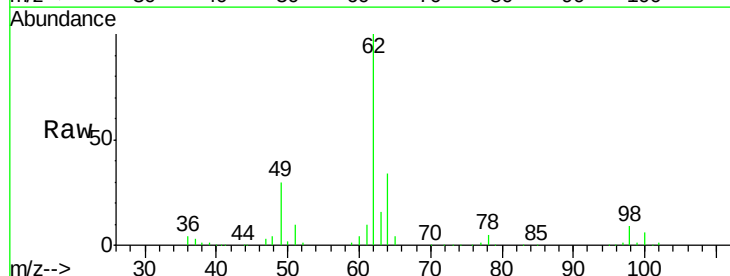


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

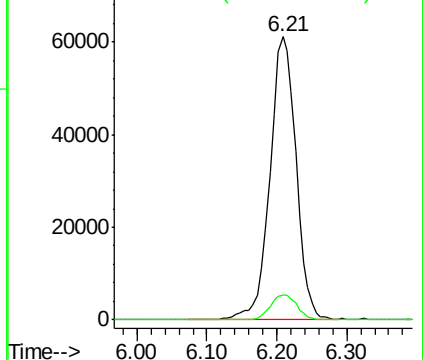
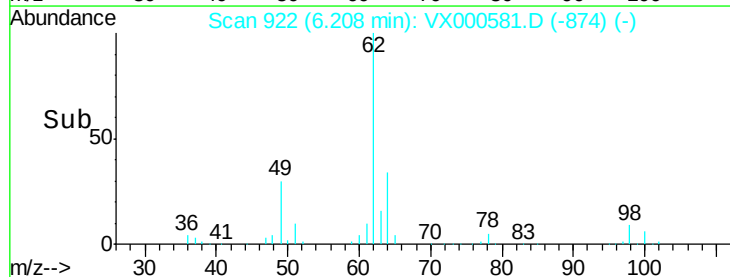


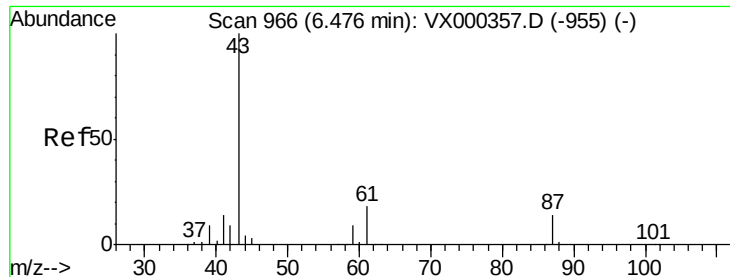
#42
1,2-Dichloroethane
Concen: 44.40 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000581.D
Acq: 31 Mar 2018 00:20

Tgt Ion:	62	Resp:	159063
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	15.8



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





#43

Isopropyl Acetate

Concen: 43.54 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

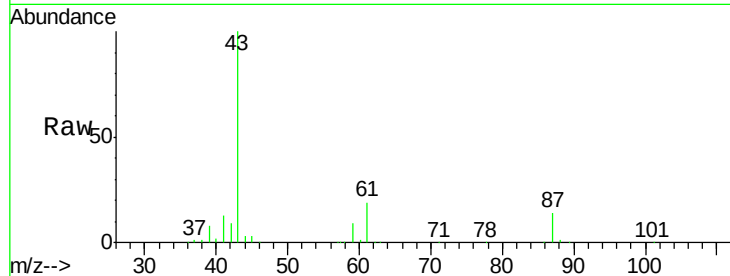
Tgt Ion: 43 Resp: 278396

Ion Ratio Lower Upper

43 100

61 19.2 14.4 21.6

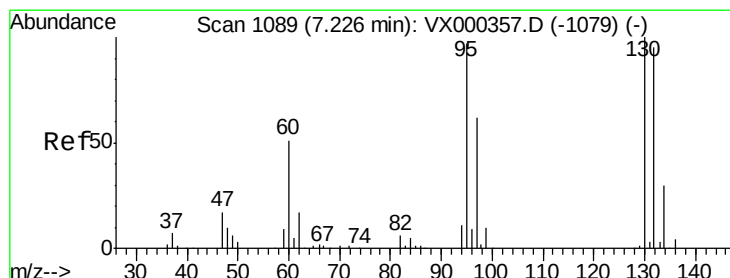
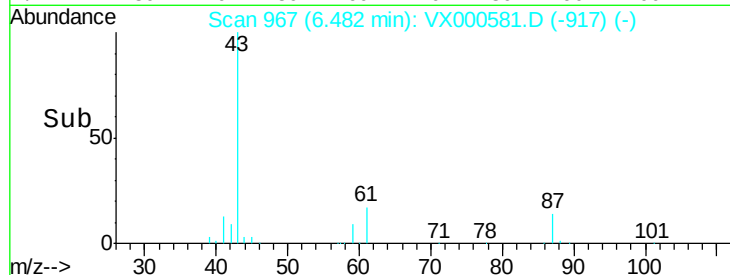
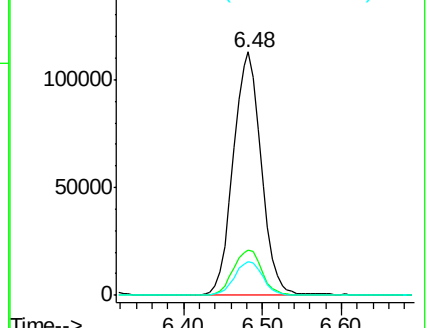
87 14.2 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 46.29 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000581.D

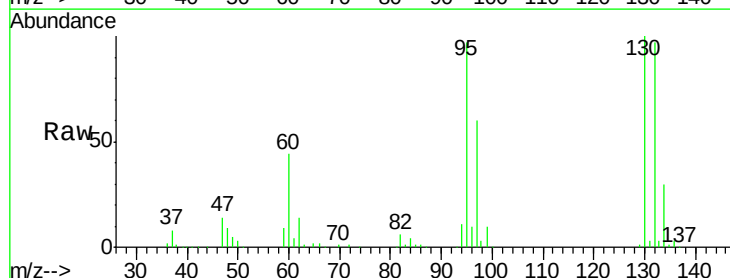
Acq: 31 Mar 2018 00:20

Tgt Ion: 130 Resp: 121094

Ion Ratio Lower Upper

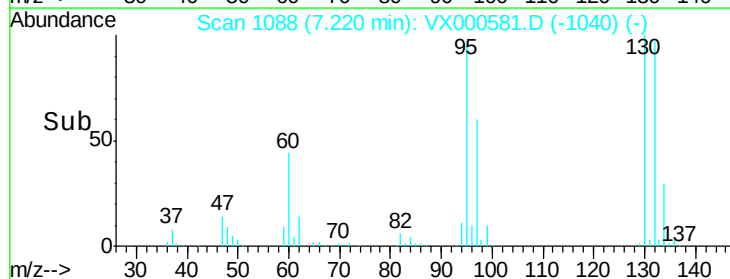
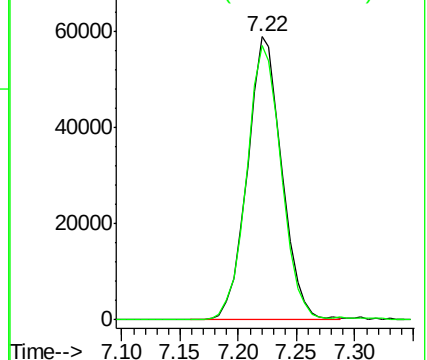
130 100

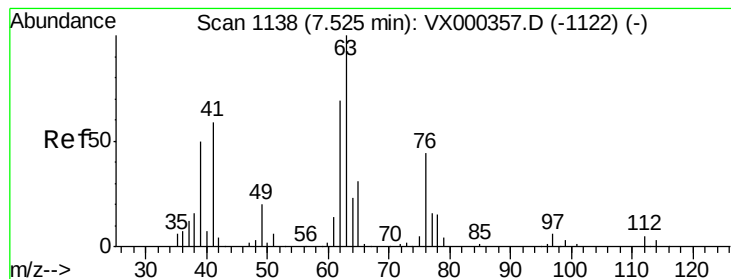
95 97.0 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 44.23 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

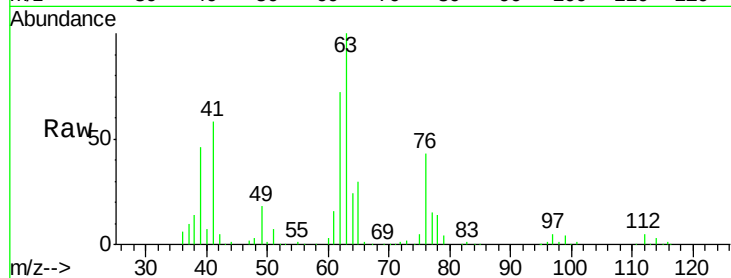
VSTDCCC050EC

Tgt Ion: 63 Resp: 103370

Ion Ratio Lower Upper

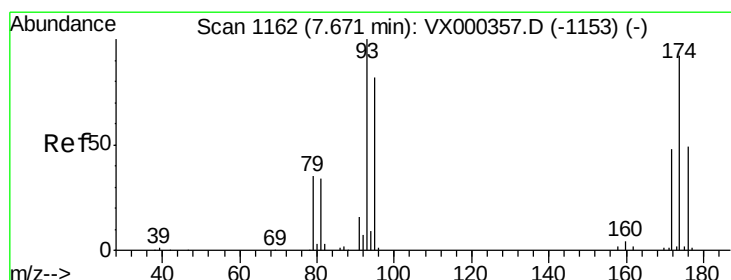
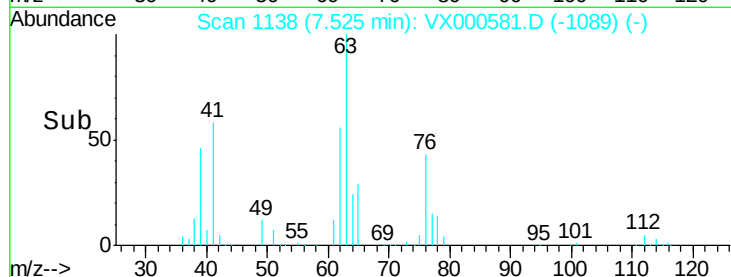
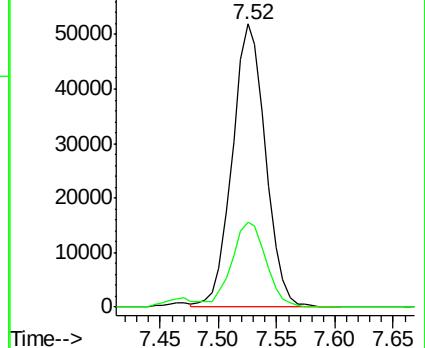
63 100

65 30.1 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 44.69 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

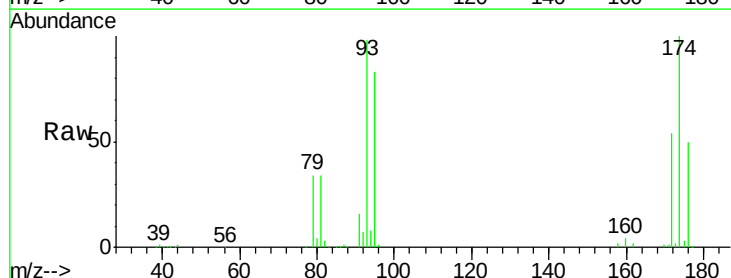
Tgt Ion: 93 Resp: 81996

Ion Ratio Lower Upper

93 100

95 84.1 66.5 99.7

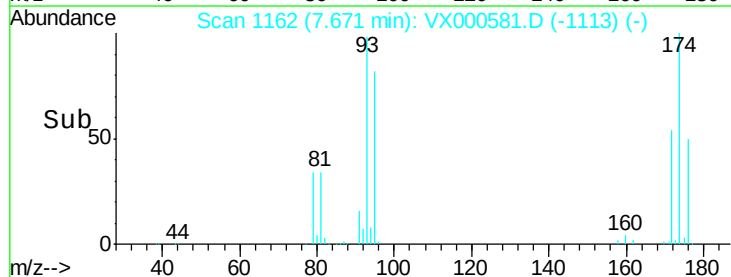
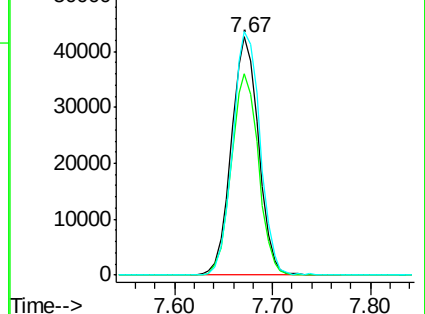
174 103.1 76.0 114.0

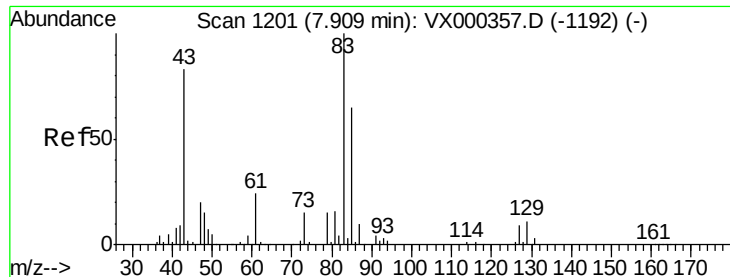


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 46.44 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

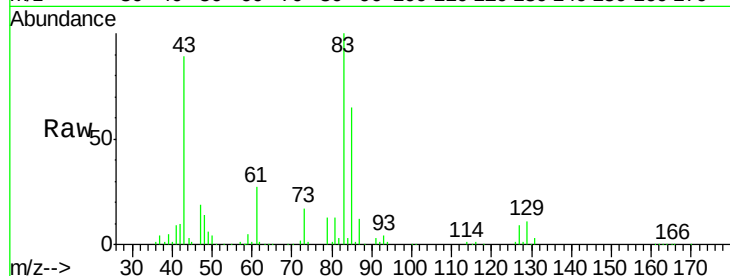
Tgt Ion: 83 Resp: 149896

Ion Ratio Lower Upper

83 100

85 65.0 51.4 77.0

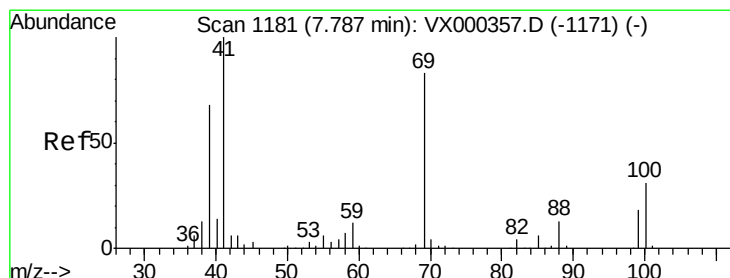
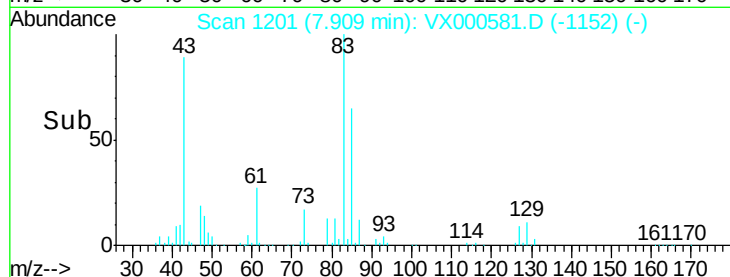
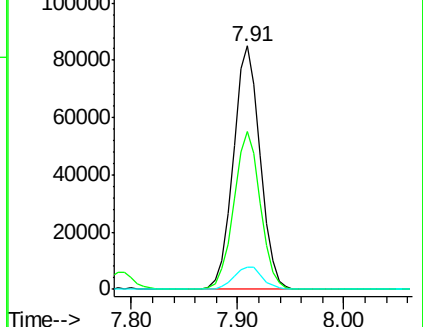
127 9.2 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 43.38 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

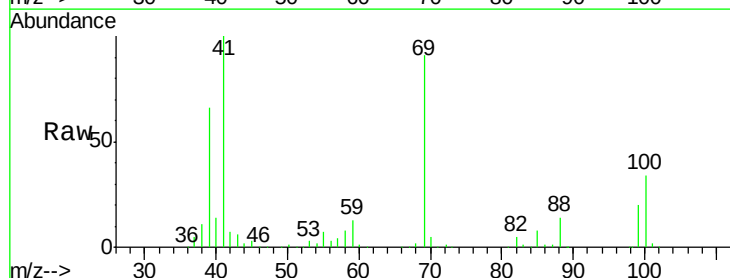
Tgt Ion: 41 Resp: 134655

Ion Ratio Lower Upper

41 100

69 91.3 68.2 102.4

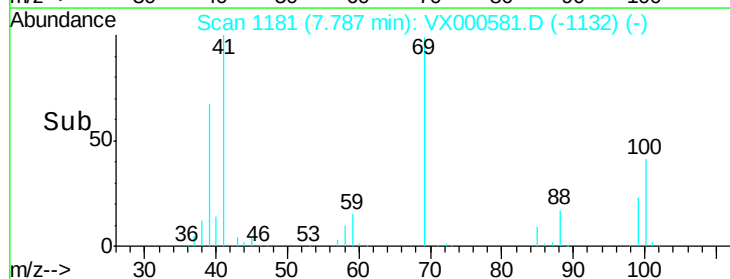
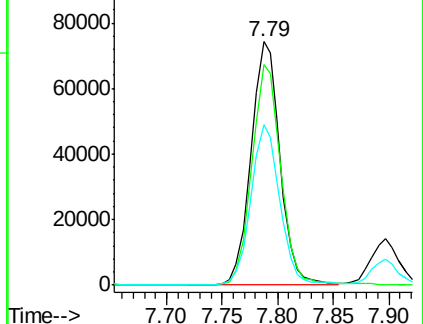
39 65.2 54.6 81.8

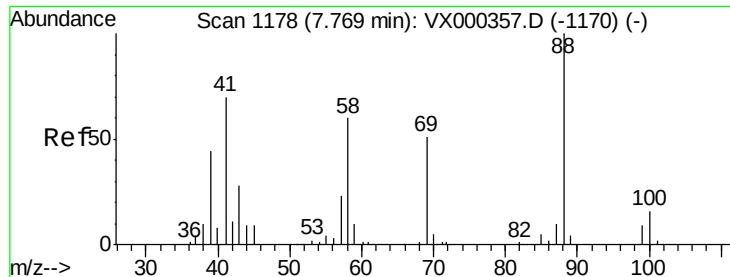


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

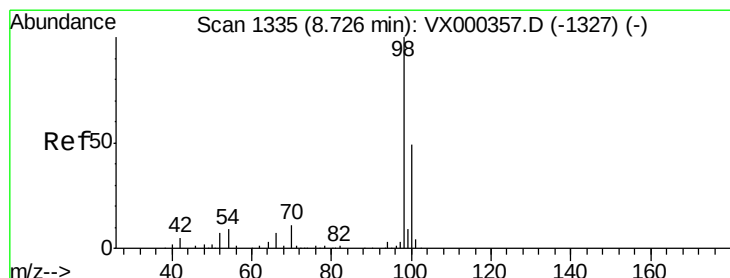
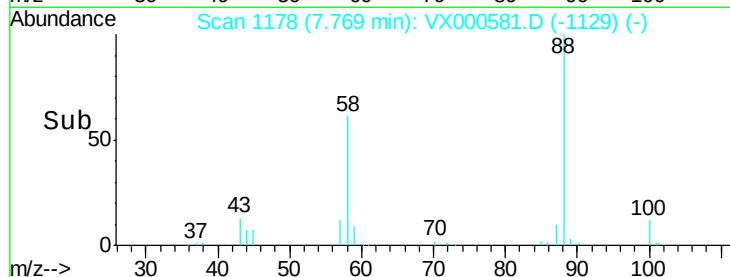
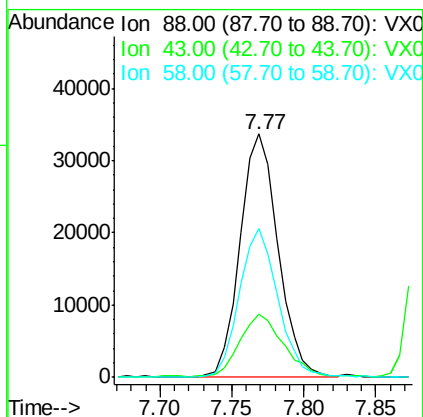
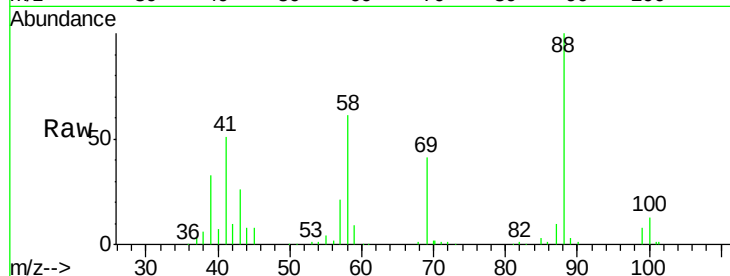




#49
1,4-Dioxane
Concen: 945.82 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000581.D
Acq: 31 Mar 2018 00:20

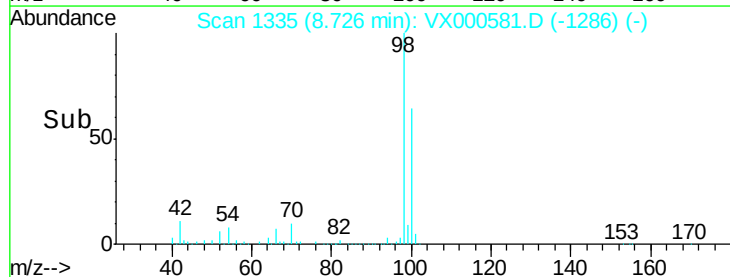
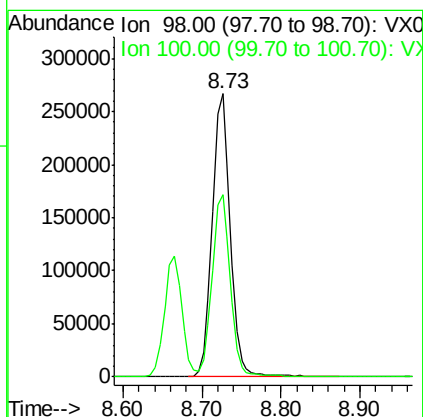
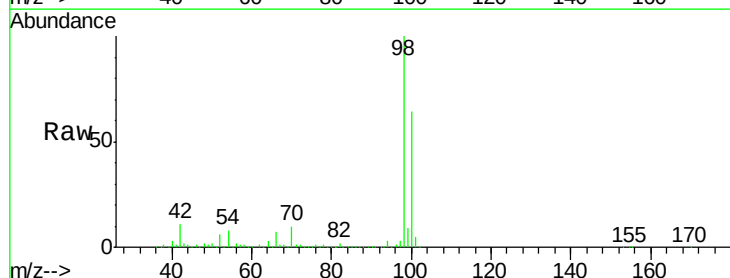
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

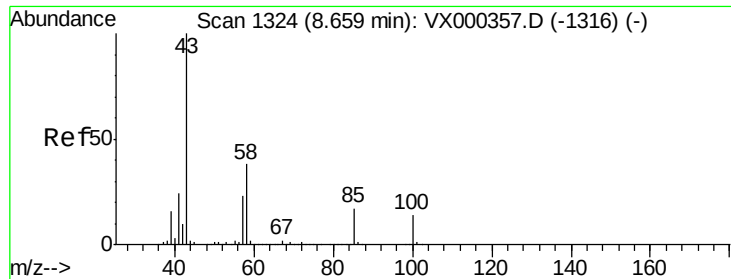
Tgt Ion: 88 Resp: 61709
Ion Ratio Lower Upper
88 100
43 30.5 26.8 40.2
58 61.9 52.2 78.2



#50
Toluene-d8
Concen: 48.51 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000581.D
Acq: 31 Mar 2018 00:20

Tgt Ion: 98 Resp: 424900
Ion Ratio Lower Upper
98 100
100 65.1 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 207.30 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

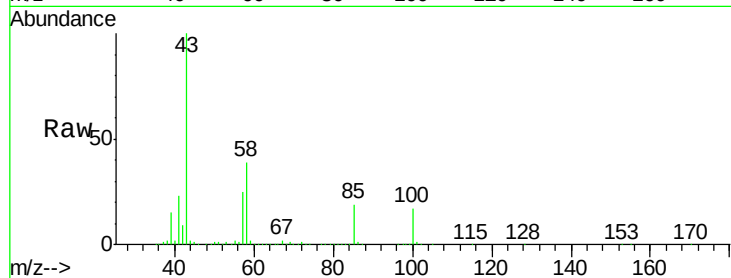
VSTDCCC050EC

Tgt Ion: 43 Resp: 1025871

Ion Ratio Lower Upper

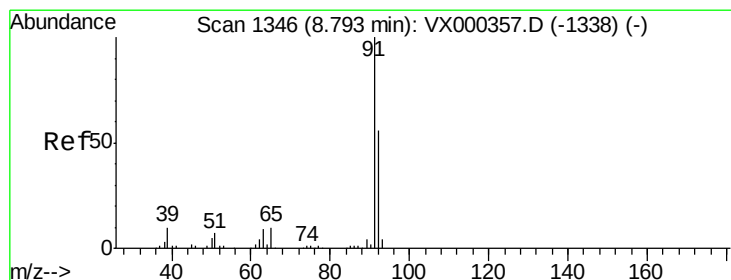
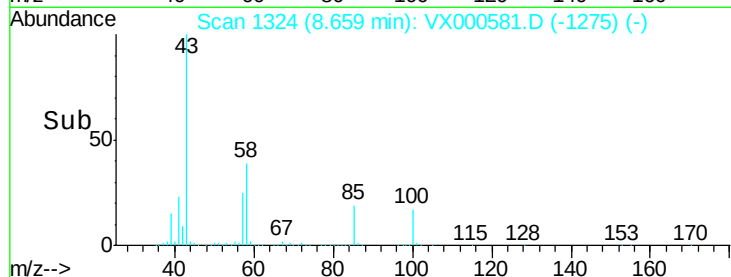
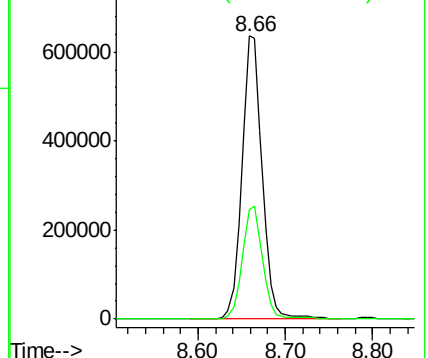
43 100

58 40.3 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 46.80 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000581.D

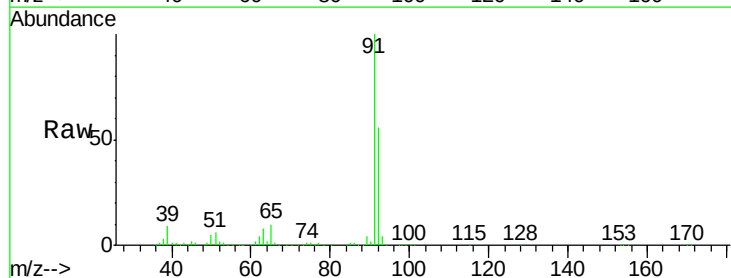
Acq: 31 Mar 2018 00:20

Tgt Ion: 92 Resp: 298730

Ion Ratio Lower Upper

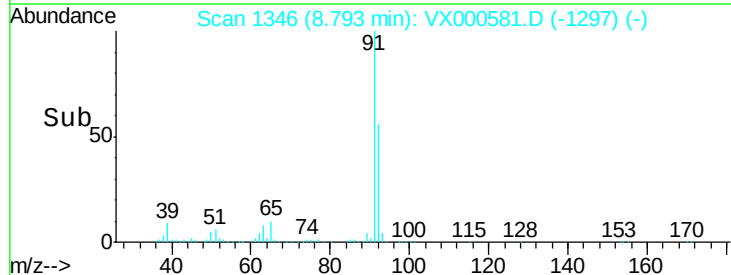
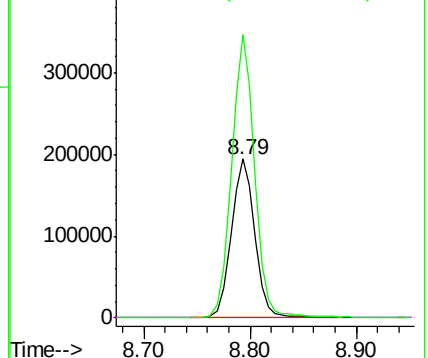
92 100

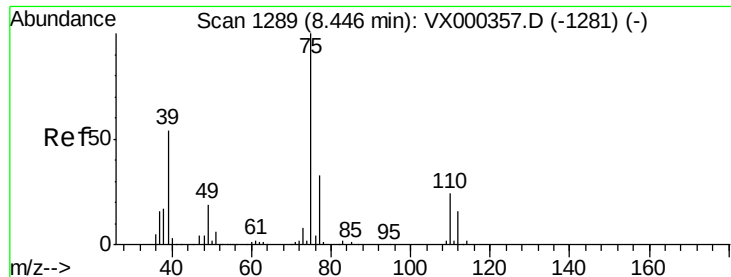
91 176.2 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 46.69 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

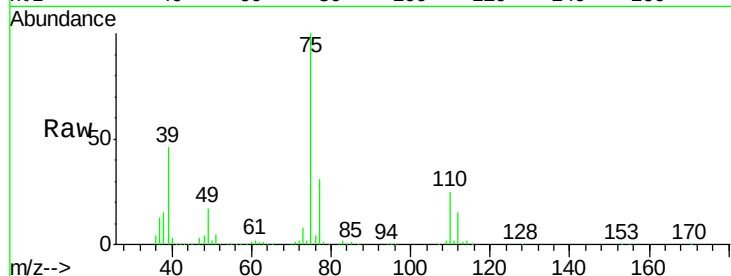
VSTDCCC050EC

Tgt Ion: 75 Resp: 174647

Ion Ratio Lower Upper

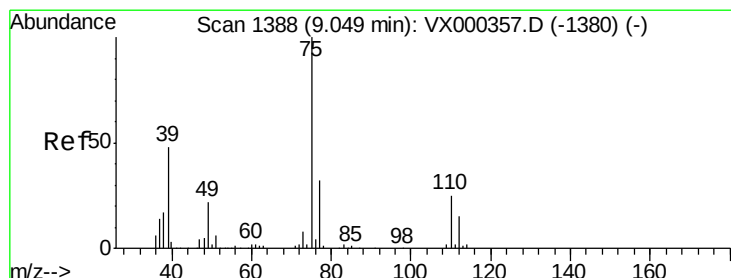
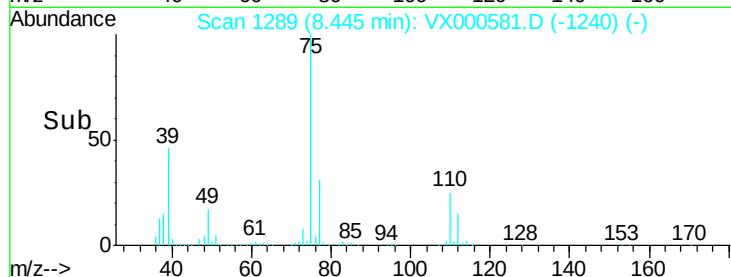
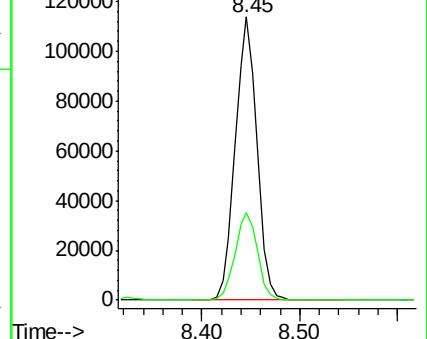
75 100

77 31.0 24.0 36.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 47.38 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

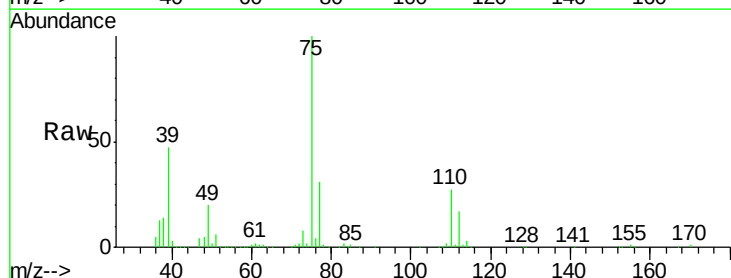
Tgt Ion: 75 Resp: 171911

Ion Ratio Lower Upper

75 100

77 30.8 26.1 39.1

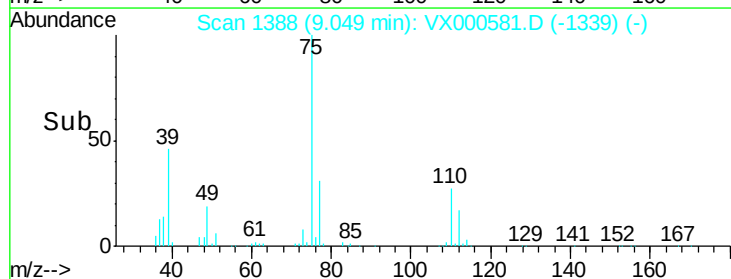
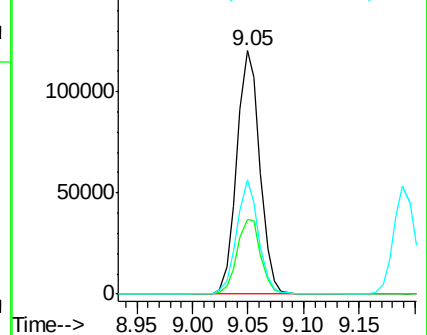
39 46.6 39.8 59.6

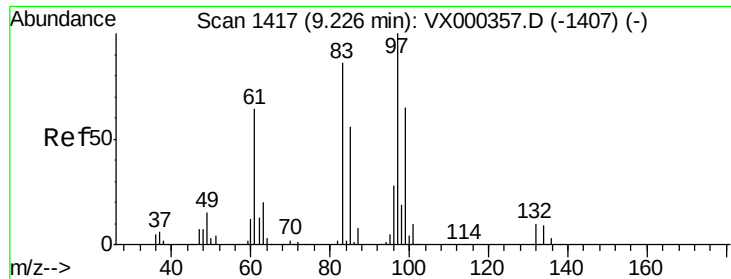


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

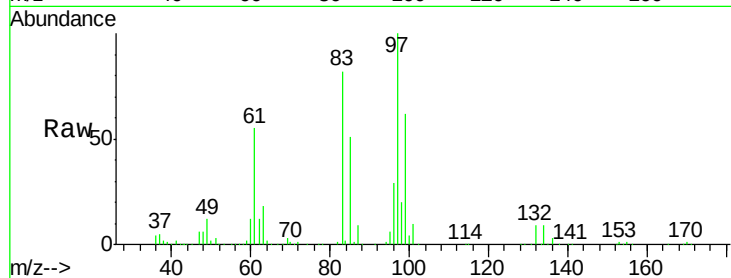




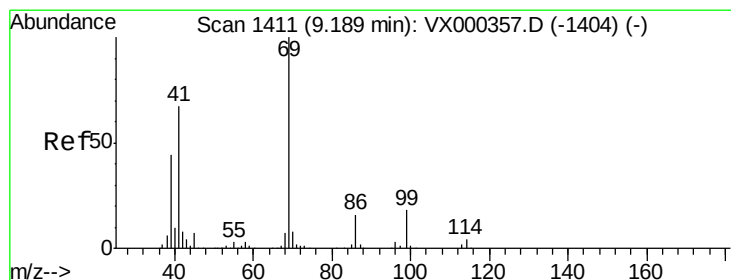
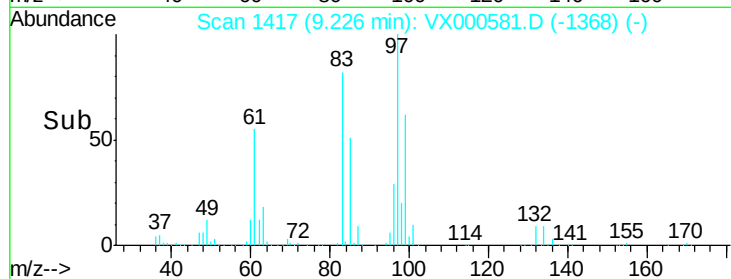
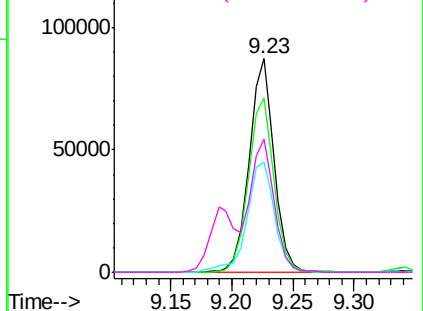
#55
 1,1,2-Trichloroethane
 Concen: 47.17 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000581.D
 Acq: 31 Mar 2018 00:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	123823
Ion	Ratio	Lower	Upper
97	100		
83	81.5	67.9	101.9
85	51.2	42.8	64.2
99	62.1	49.4	74.2

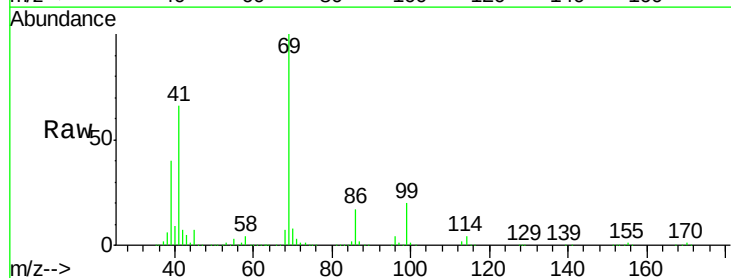


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

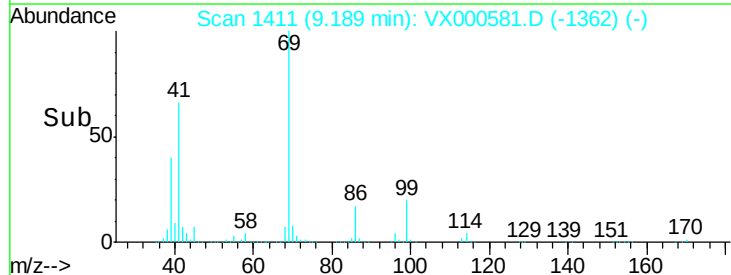
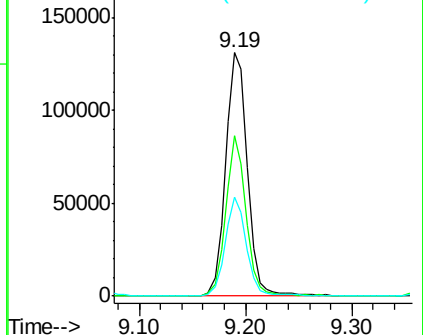


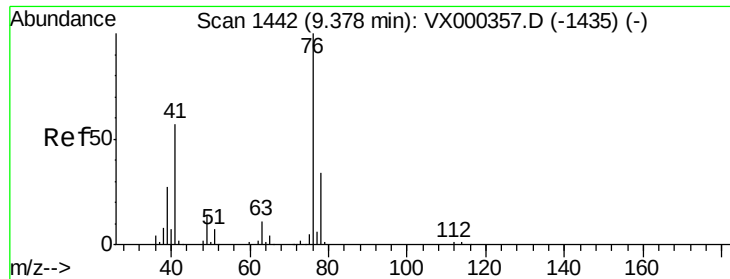
#56
 Ethyl methacrylate
 Concen: 47.09 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000581.D
 Acq: 31 Mar 2018 00:20

Tgt Ion:	69	Resp:	187326
Ion	Ratio	Lower	Upper
69	100		
41	60.5	53.0	79.6
39	38.8	35.3	52.9



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

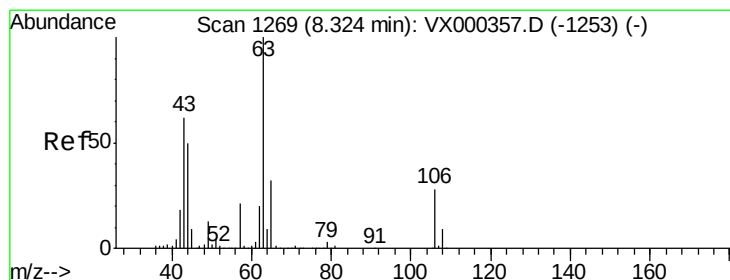
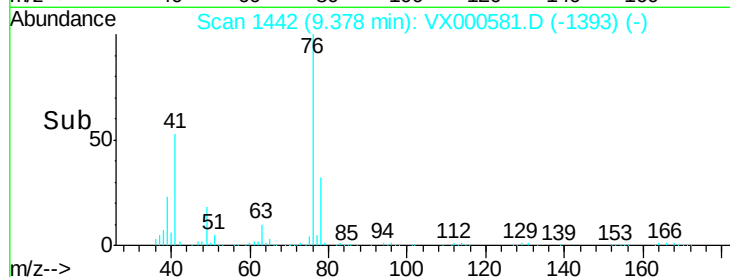
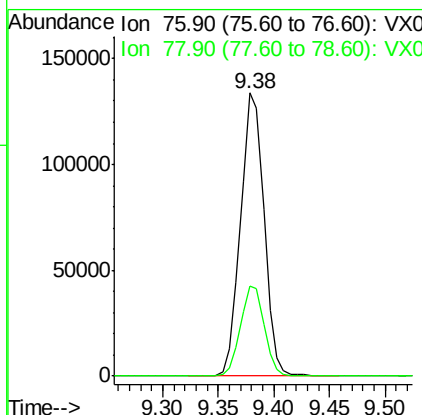
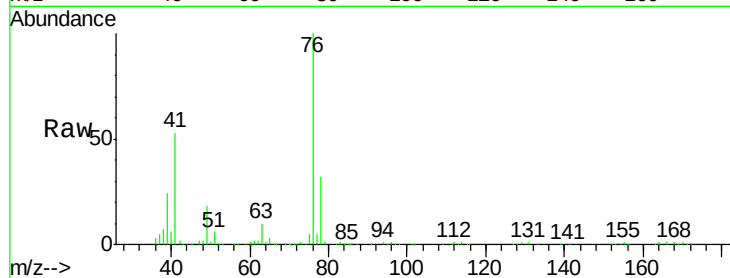




#57
 1,3-Dichloropropane
 Concen: 46.82 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000581.D
 Acq: 31 Mar 2018 00:20

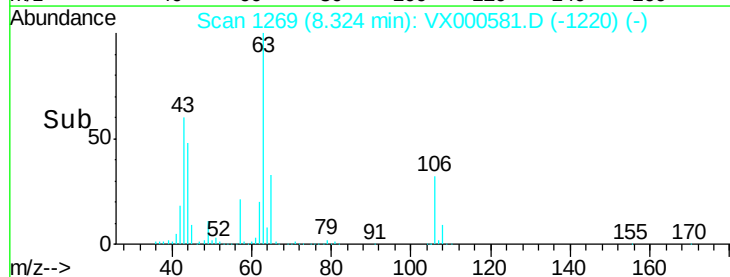
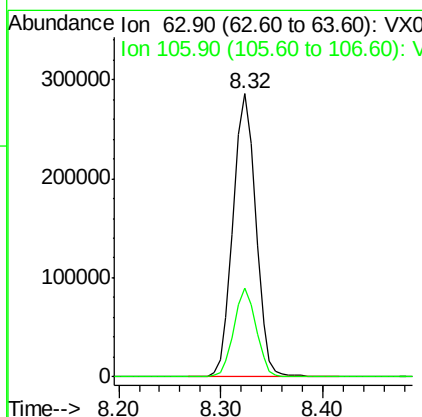
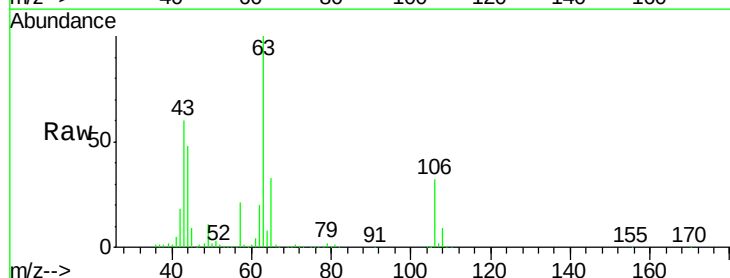
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

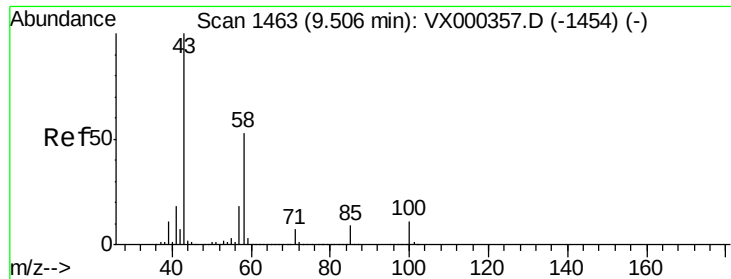
Tgt Ion: 76 Resp: 196587
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 231.79 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000581.D
 Acq: 31 Mar 2018 00:20

Tgt Ion: 63 Resp: 442539
 Ion Ratio Lower Upper
 63 100
 106 30.8 23.2 34.8

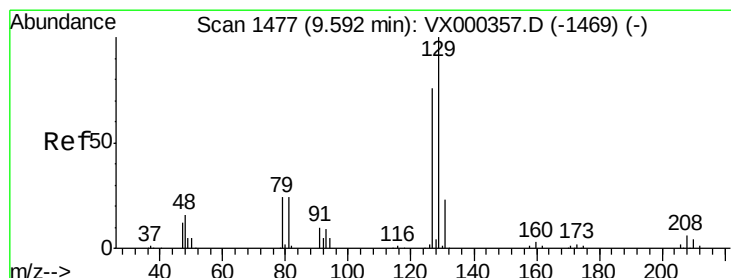
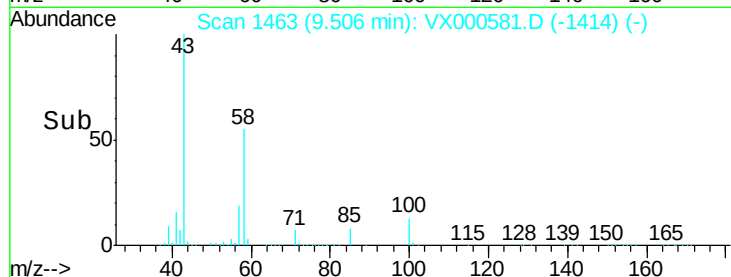
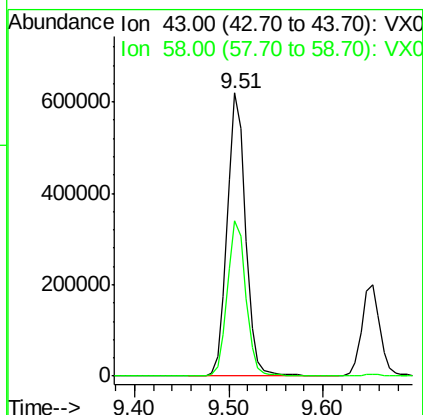
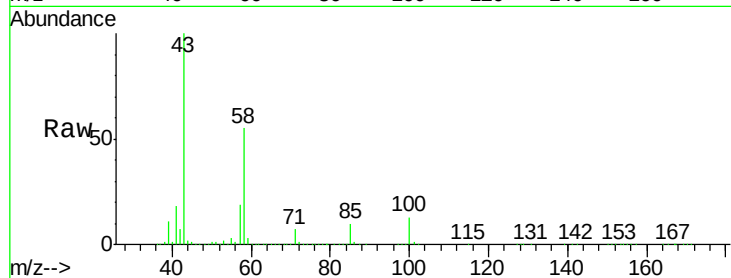




#59
2-Hexanone
Concen: 200.14 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000581.D
Acq: 31 Mar 2018 00:20

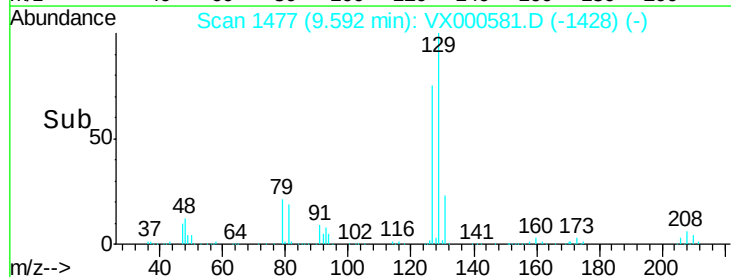
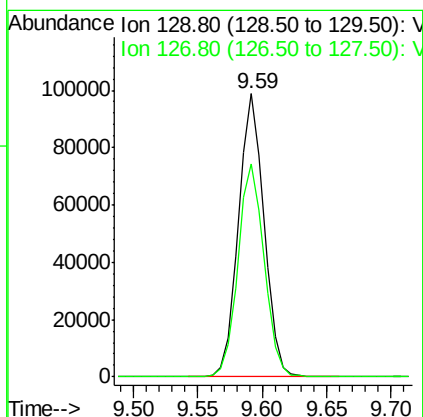
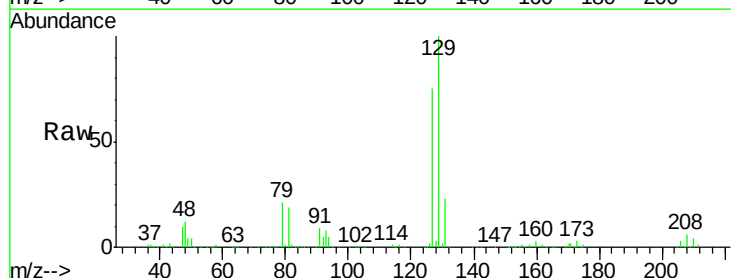
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

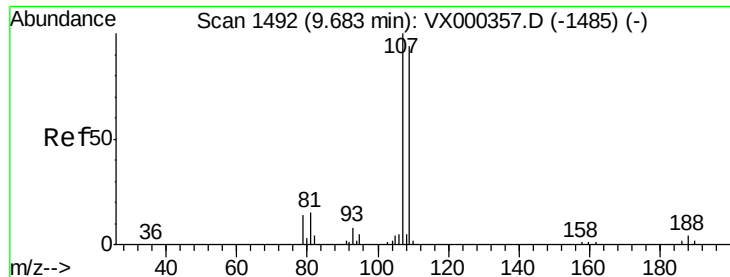
Tgt Ion: 43 Resp: 841013
Ion Ratio Lower Upper
43 100
58 55.6 26.6 79.7



#60
Dibromochloromethane
Concen: 44.12 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000581.D
Acq: 31 Mar 2018 00:20

Tgt Ion: 129 Resp: 135424
Ion Ratio Lower Upper
129 100
127 77.1 37.9 113.6





#61

1,2-Dibromoethane

Concen: 49.30 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

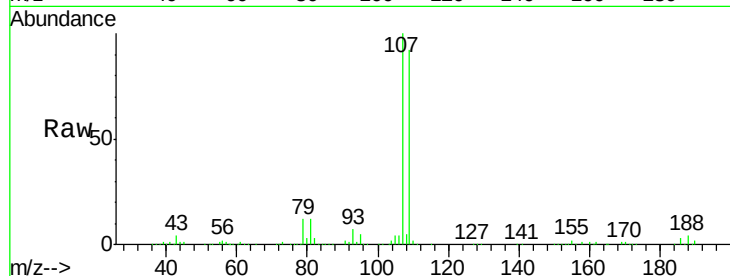
VSTDCCC050EC

Tgt Ion: 107 Resp: 138787

Ion Ratio Lower Upper

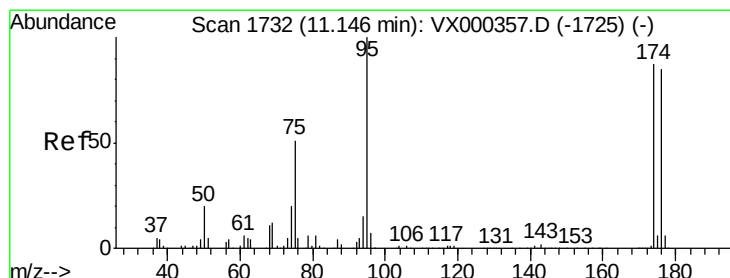
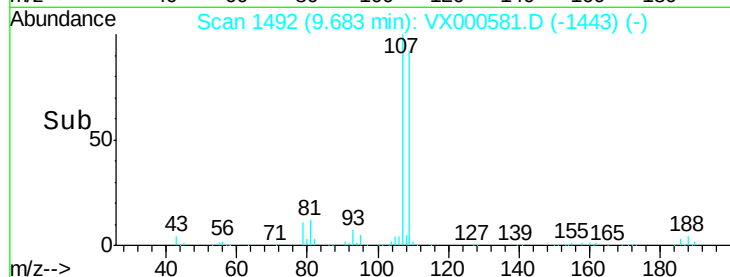
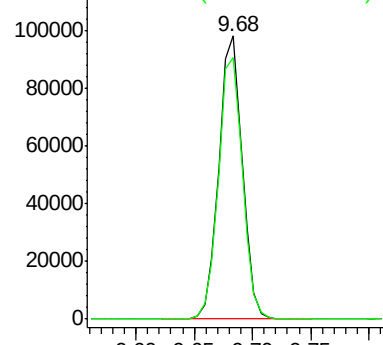
107 100

109 95.1 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.89 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

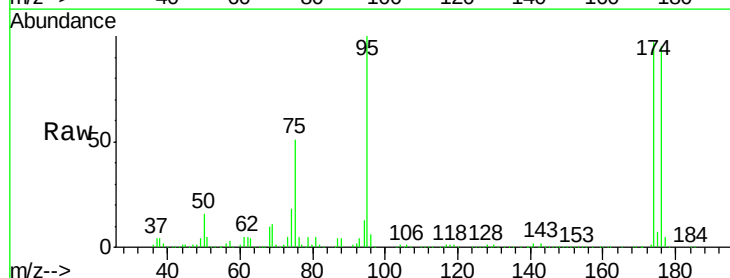
Tgt Ion: 95 Resp: 163520

Ion Ratio Lower Upper

95 100

174 95.0 0.0 173.6

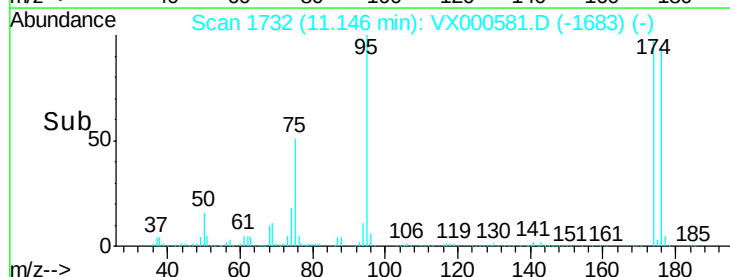
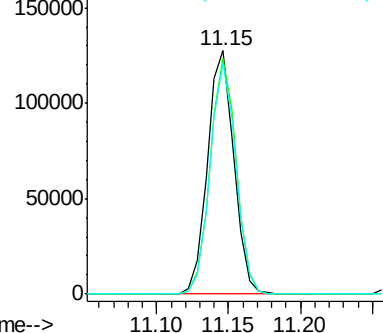
176 92.9 0.0 164.6

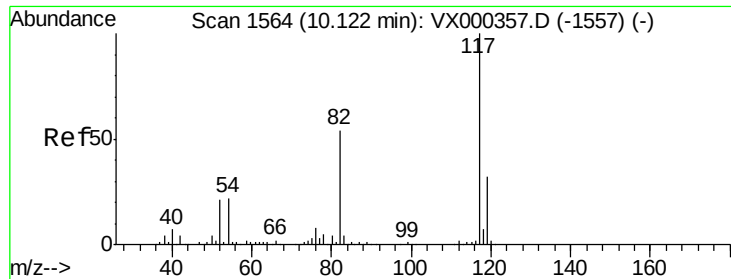


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

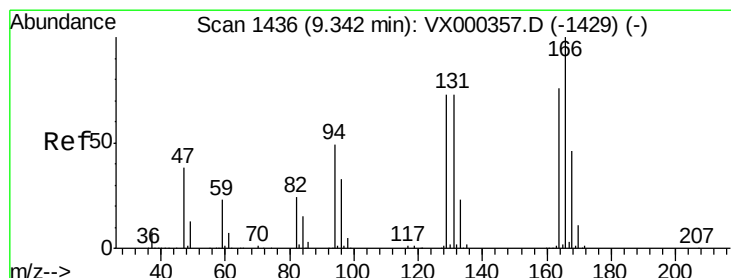
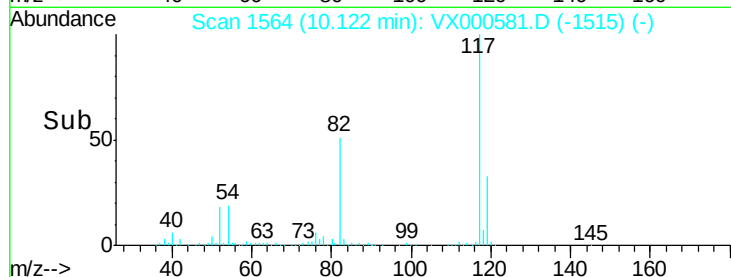
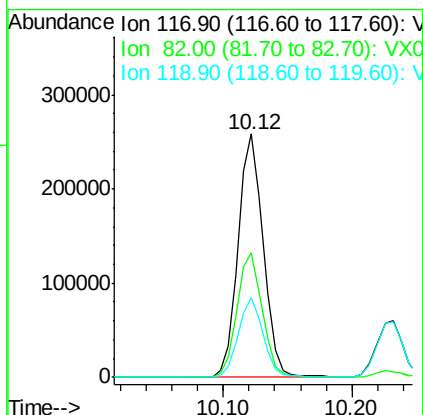
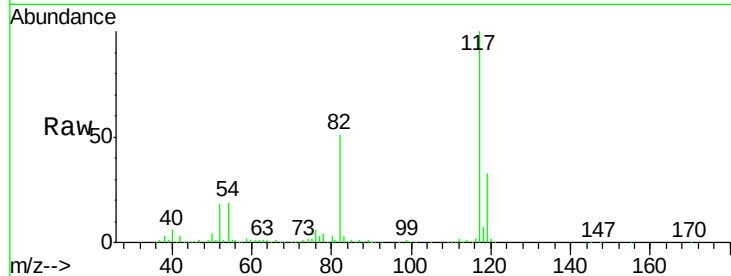




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000581.D
Acq: 31 Mar 2018 00:20

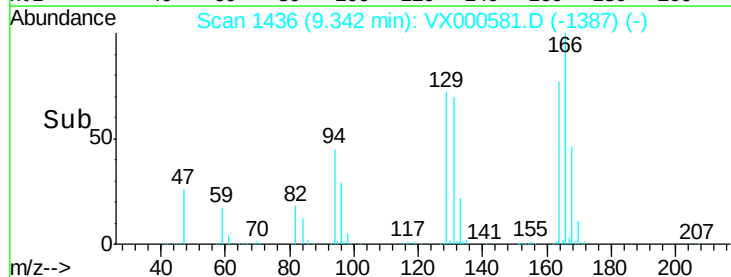
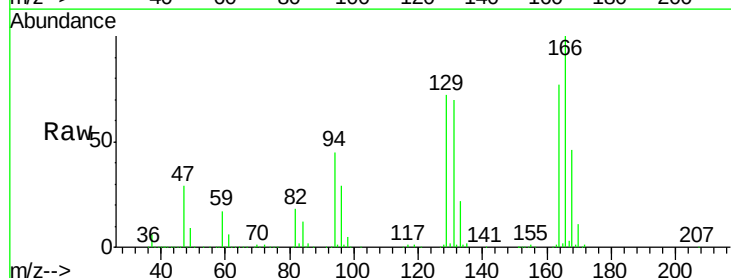
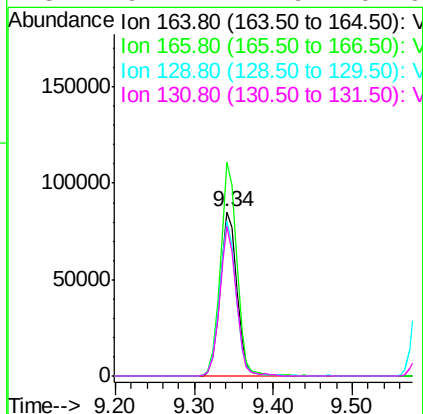
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

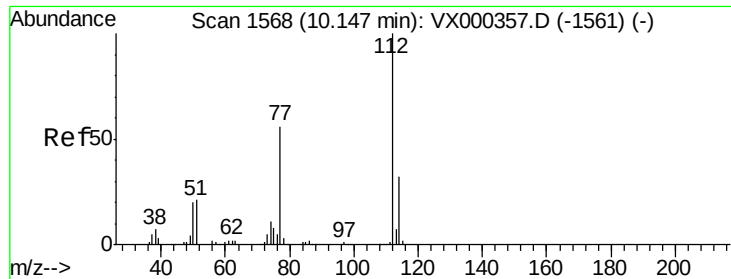
Tgt Ion:117 Resp: 349646
Ion Ratio Lower Upper
117 100
82 51.0 43.8 65.8
119 32.6 24.9 37.3



#64
Tetrachloroethene
Concen: 46.56 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000581.D
Acq: 31 Mar 2018 00:20

Tgt Ion:164 Resp: 126342
Ion Ratio Lower Upper
164 100
166 130.2 101.0 151.6
129 94.1 79.0 118.4
131 91.2 71.9 107.9

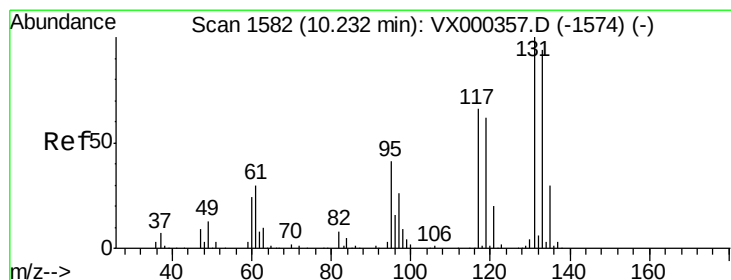
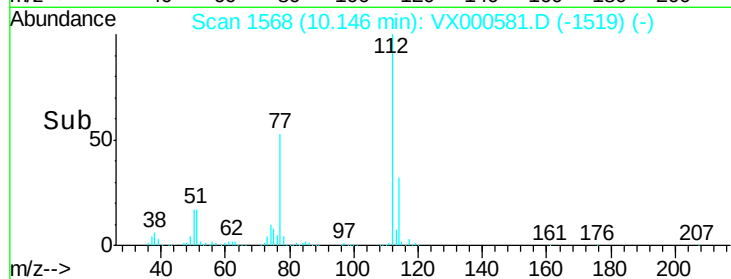
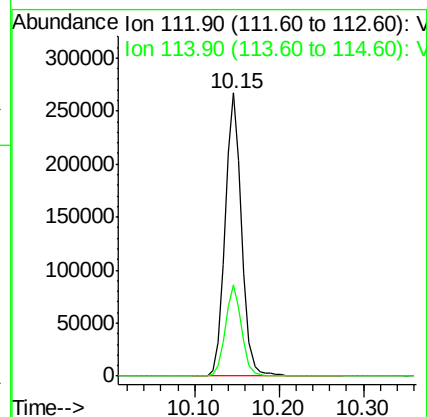
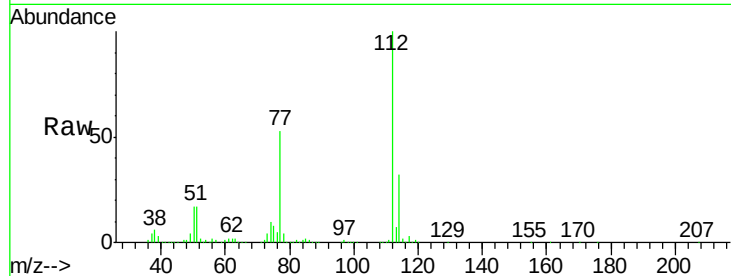




#65
Chlorobenzene
Concen: 46.04 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000581.D
Acq: 31 Mar 2018 00:20

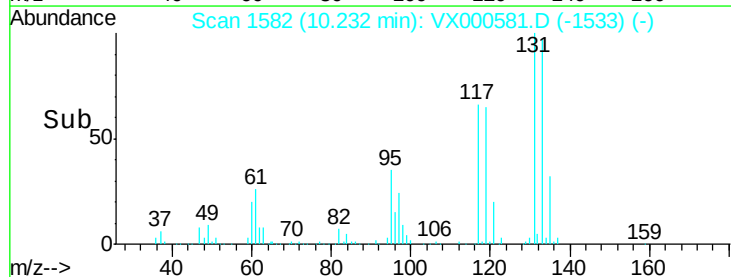
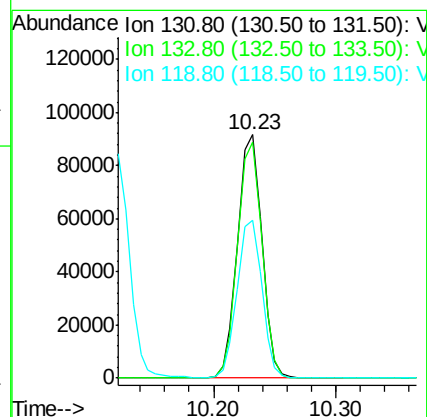
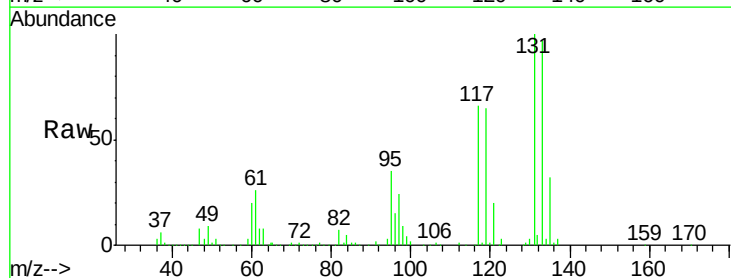
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

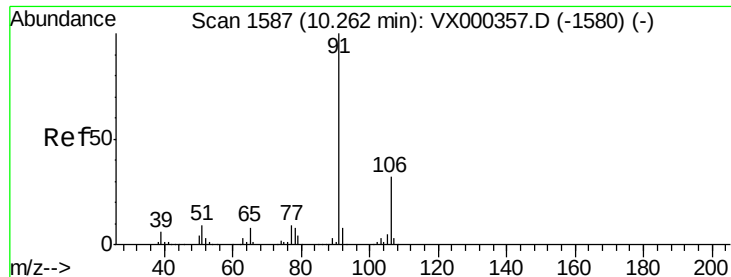
Tgt Ion:112 Resp: 358240
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 47.70 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000581.D
Acq: 31 Mar 2018 00:20

Tgt Ion:131 Resp: 126058
Ion Ratio Lower Upper
131 100
133 97.2 47.1 141.3
119 66.1 33.1 99.2





#67

Ethyl Benzene

Concen: 45.31 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.01 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

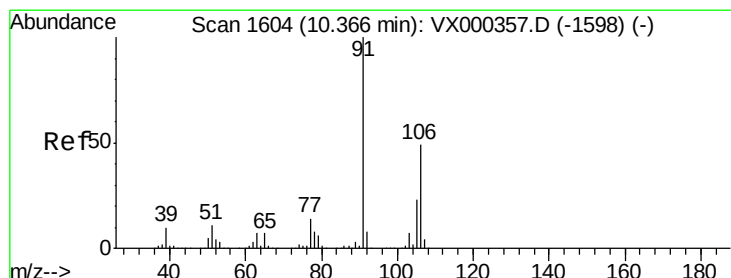
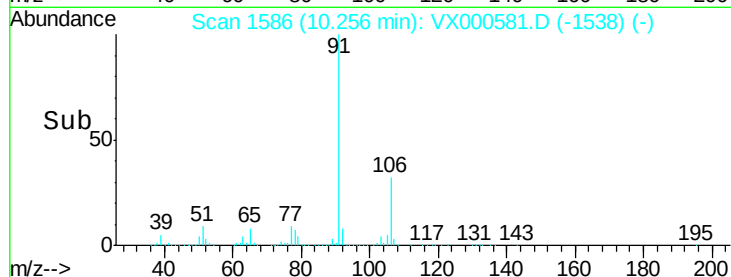
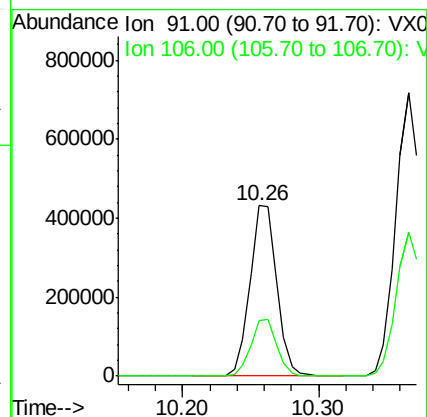
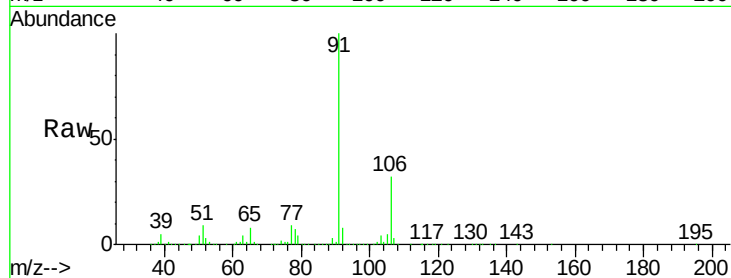
VSTDCCC050EC

Tgt Ion: 91 Resp: 597727

Ion Ratio Lower Upper

91 100

106 32.3 25.0 37.6



#68

m/p-Xylenes

Concen: 92.76 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000581.D

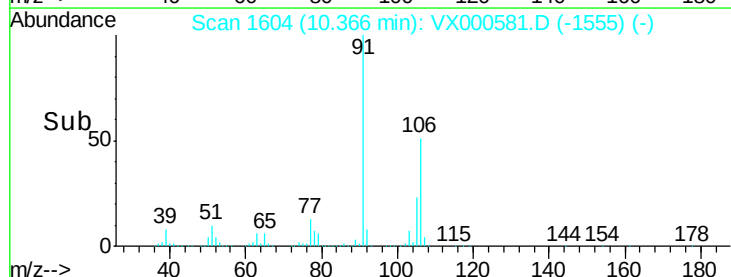
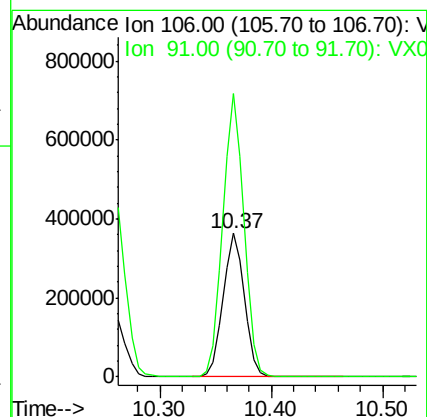
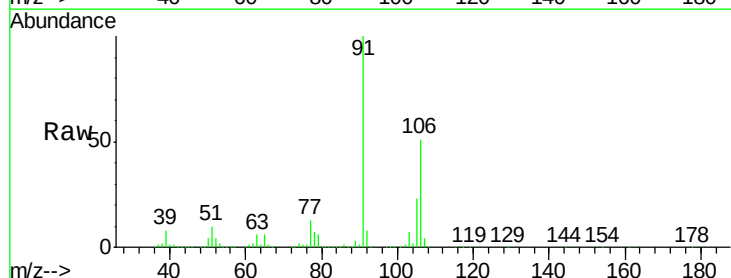
Acq: 31 Mar 2018 00:20

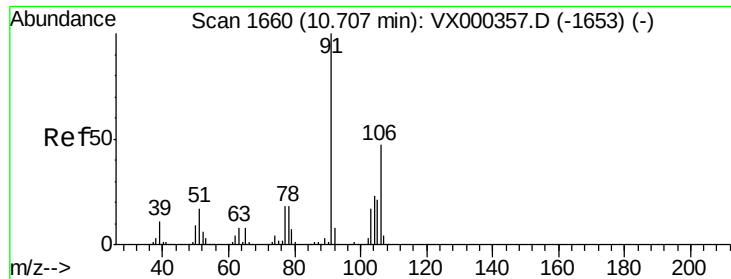
Tgt Ion: 106 Resp: 481465

Ion Ratio Lower Upper

106 100

91 196.0 163.4 245.2

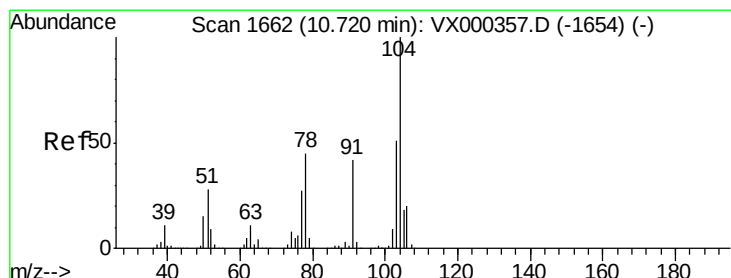
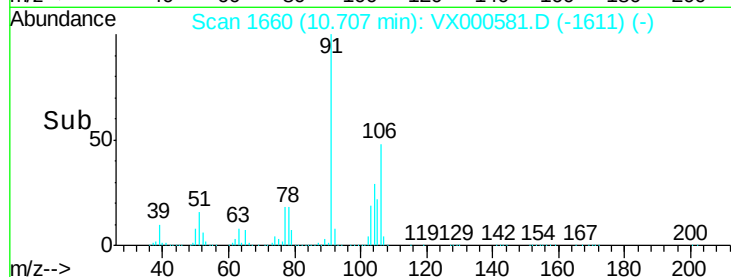
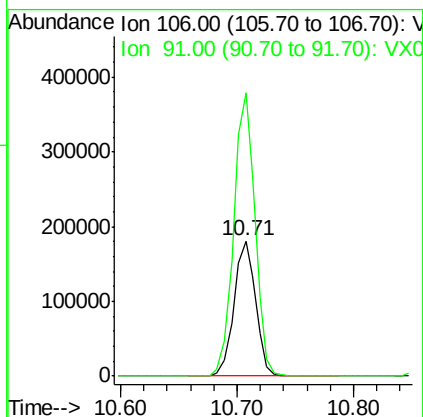
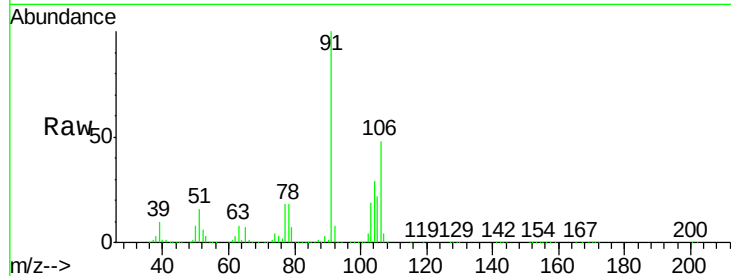




#69
o-Xylene
Concen: 46.43 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000581.D
Acq: 31 Mar 2018 00:20

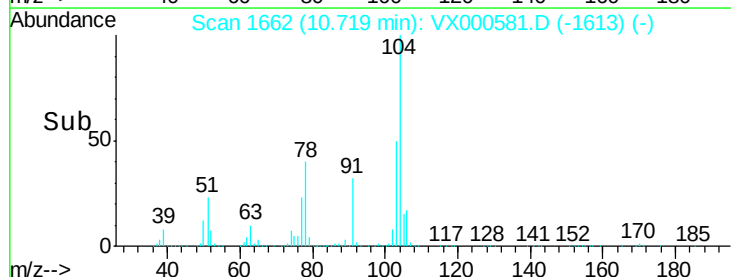
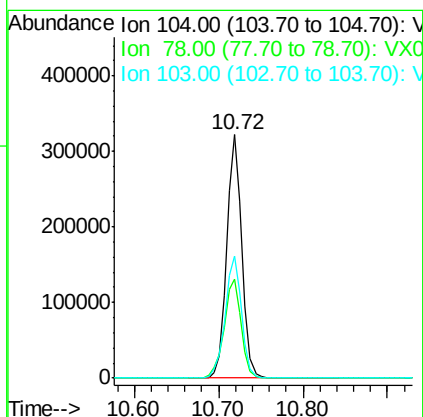
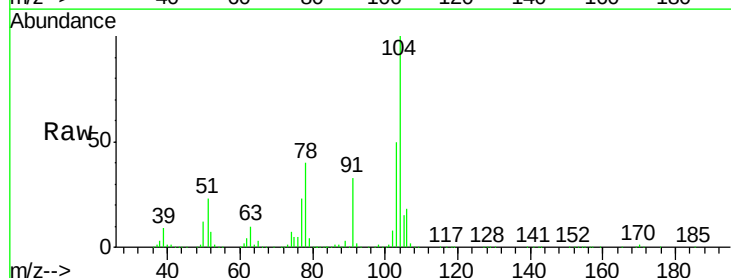
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

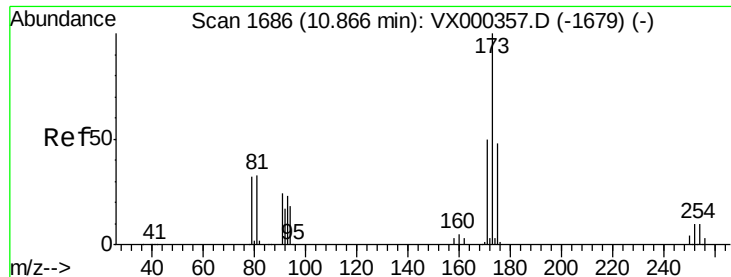
Tgt Ion:106 Resp: 233350
Ion Ratio Lower Upper
106 100
91 206.6 106.5 319.6



#70
Styrene
Concen: 47.85 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000581.D
Acq: 31 Mar 2018 00:20

Tgt Ion:104 Resp: 397863
Ion Ratio Lower Upper
104 100
78 46.0 40.5 60.7
103 54.8 45.7 68.5





#71

Bromoform

Concen: 41.47 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

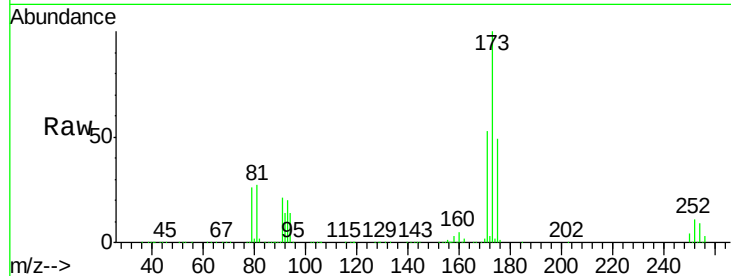
Tgt Ion:173 Resp: 111729

Ion Ratio Lower Upper

173 100

175 48.4 25.4 76.4

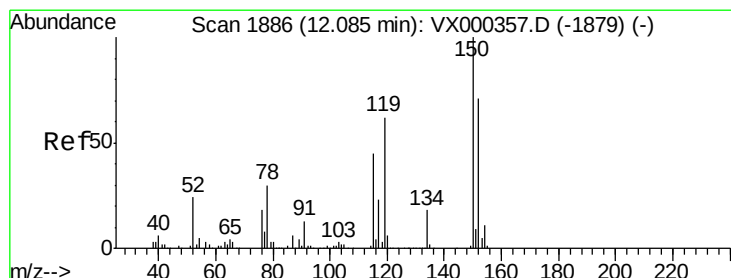
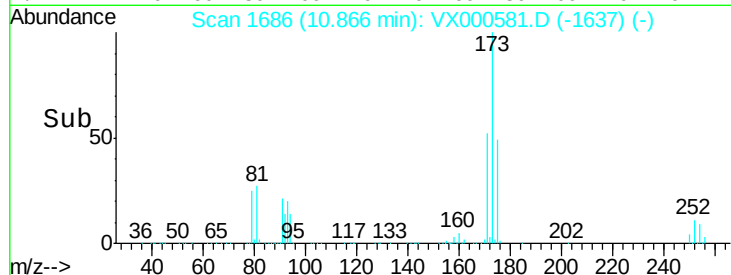
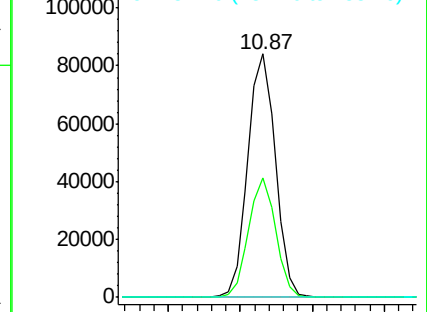
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

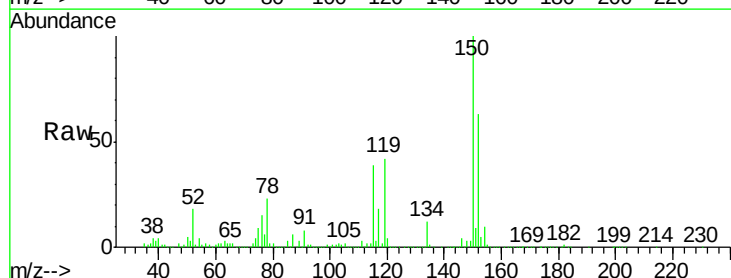
Tgt Ion:152 Resp: 210009

Ion Ratio Lower Upper

152 100

115 77.8 39.8 119.3

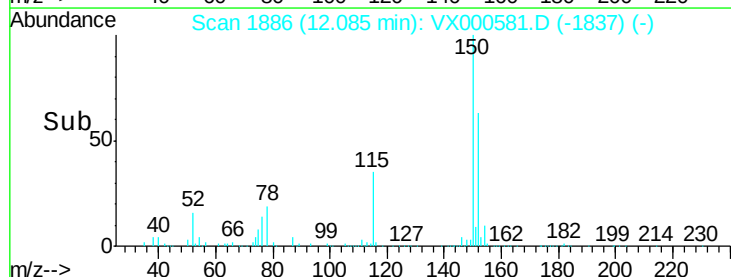
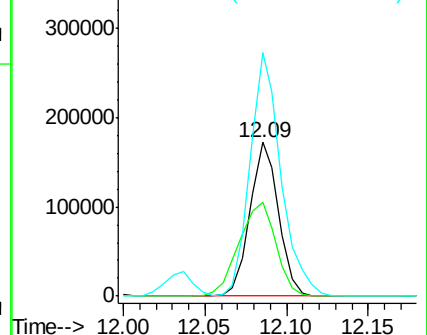
150 172.2 0.0 344.4

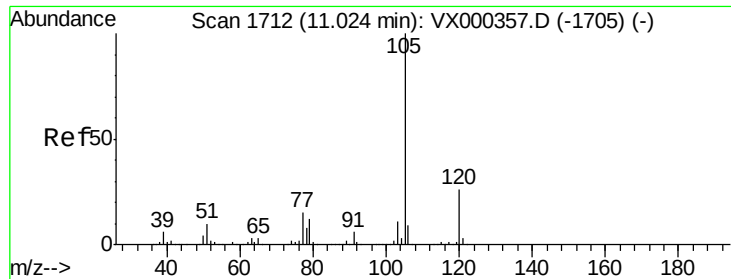


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.47 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

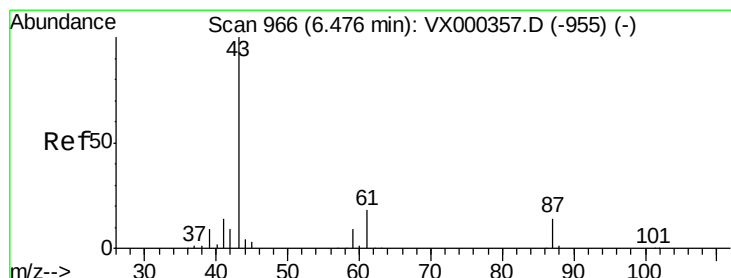
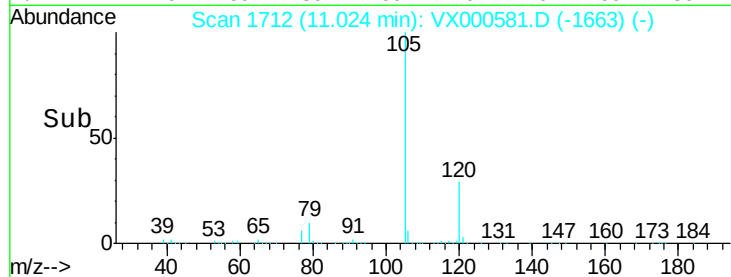
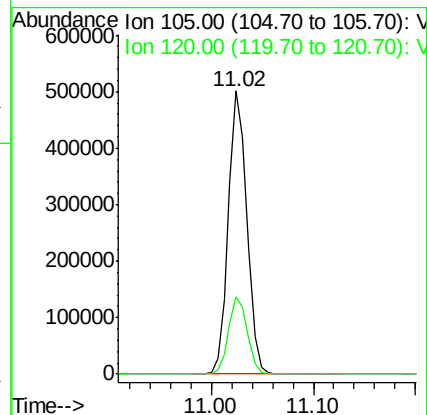
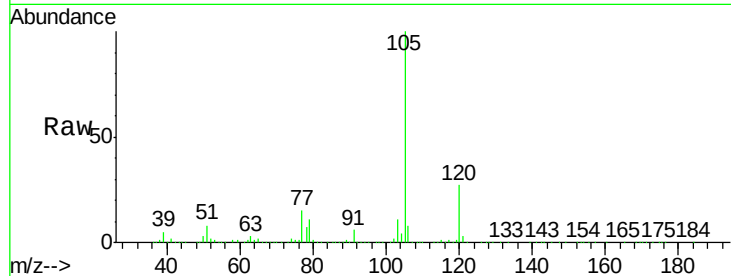
VSTDCCC050EC

Tgt Ion: 105 Resp: 632682

Ion Ratio Lower Upper

105 100

120 27.5 13.6 40.7



#74

N-ethyl acetate

Concen: 45.61 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Tgt Ion: 43 Resp: 278396

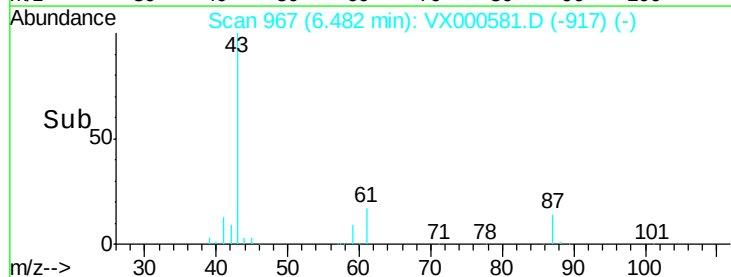
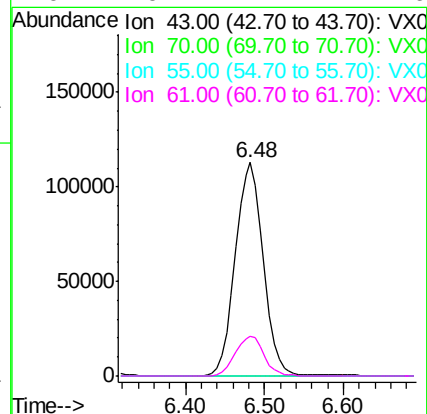
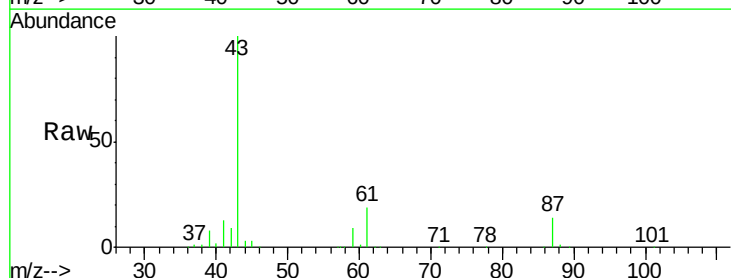
Ion Ratio Lower Upper

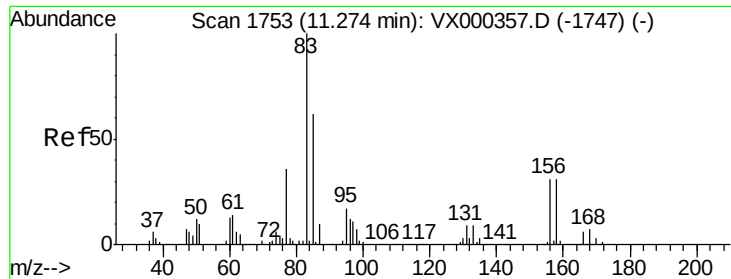
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.2 14.4 21.6

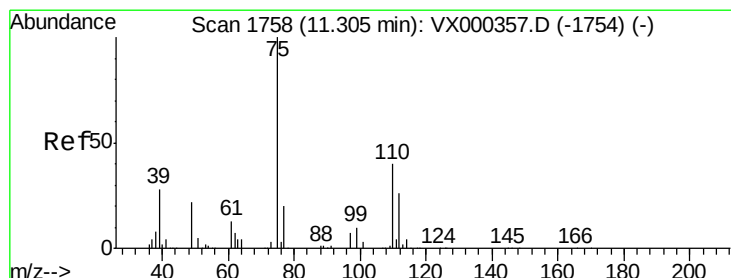
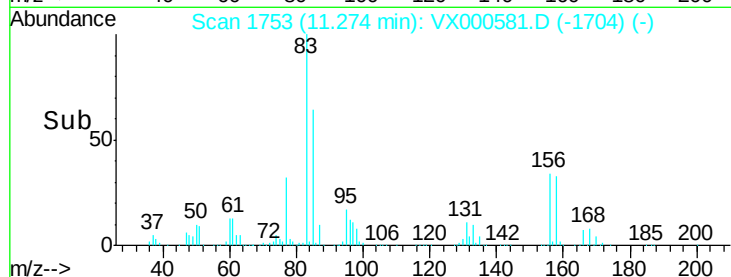
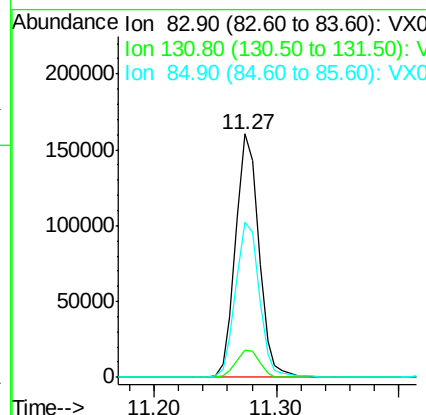
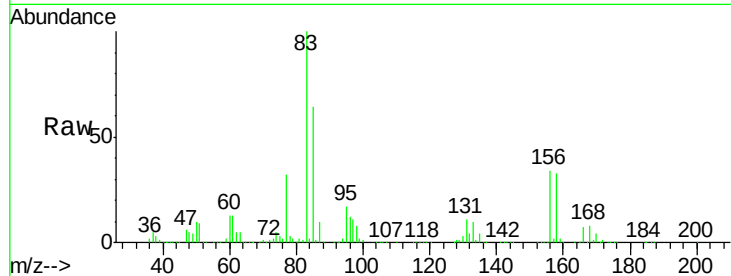




#75
 1,1,2,2-Tetrachloroethane
 Concen: 43.01 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX000581.D
 Acq: 31 Mar 2018 00:20

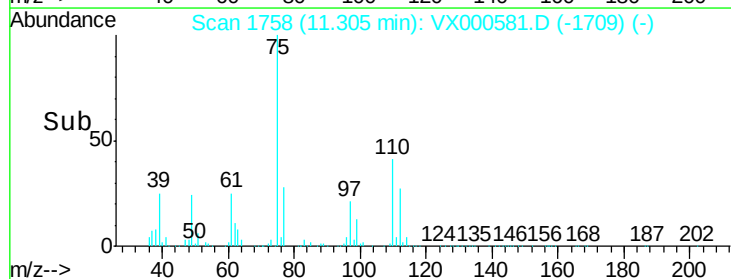
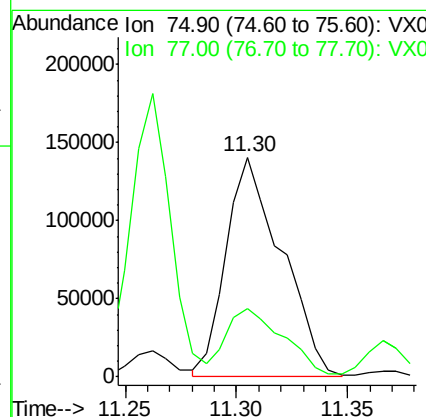
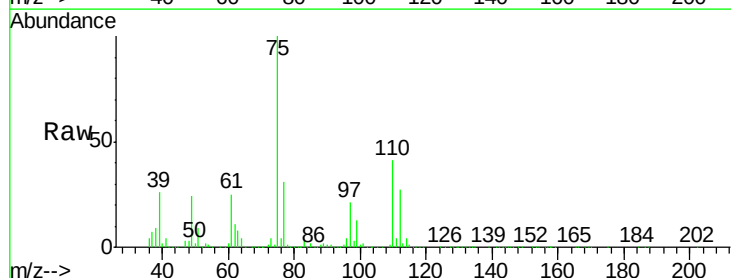
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

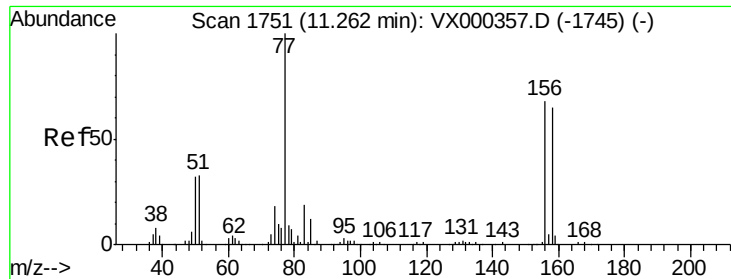
Tgt Ion: 83 Resp: 211659
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.0 14.9
 85 65.0 32.5 97.5



#76
 1,2,3-Trichloropropane
 Concen: 54.12 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX000581.D
 Acq: 31 Mar 2018 00:20

Tgt Ion: 75 Resp: 244240
 Ion Ratio Lower Upper
 75 100
 77 32.0 21.4 64.2





#77

Bromobenzene

Concen: 46.57 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

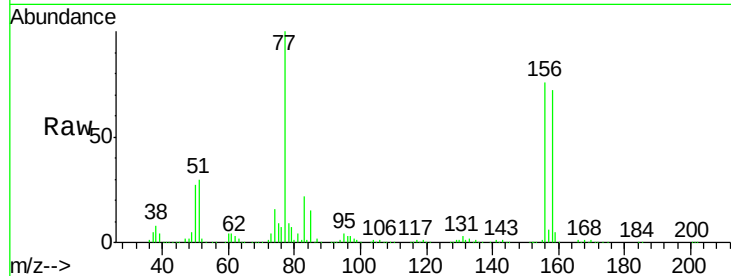
Tgt Ion:156 Resp: 172619

Ion Ratio Lower Upper

156 100

77 131.5 73.4 220.2

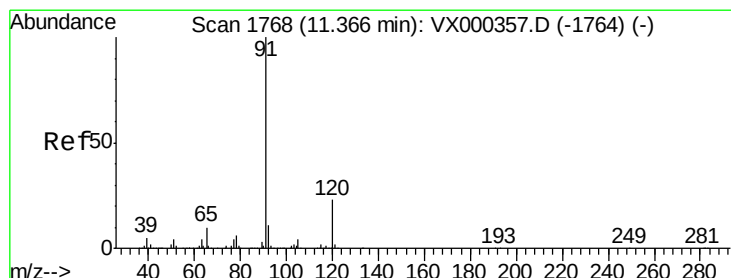
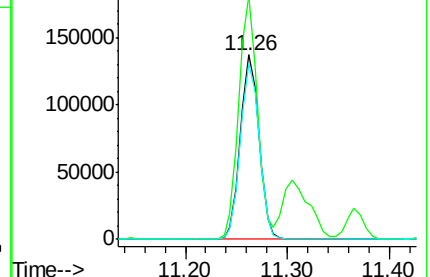
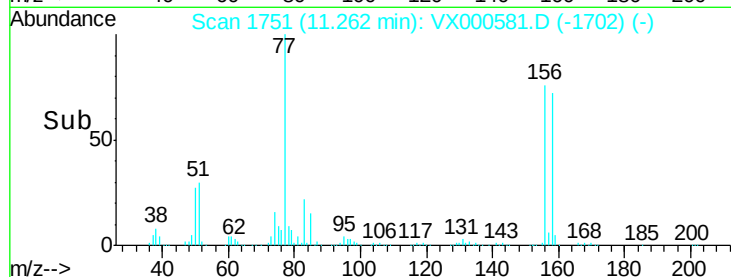
158 96.7 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 43.95 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000581.D

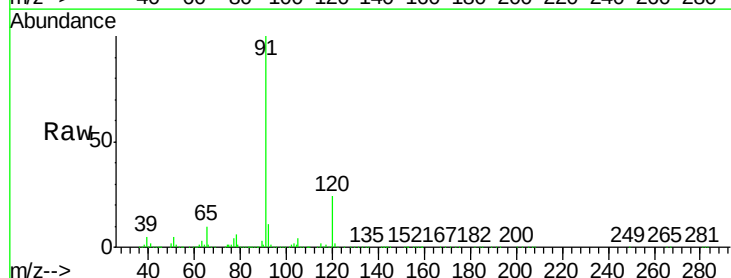
Acq: 31 Mar 2018 00:20

Tgt Ion: 91 Resp: 729170

Ion Ratio Lower Upper

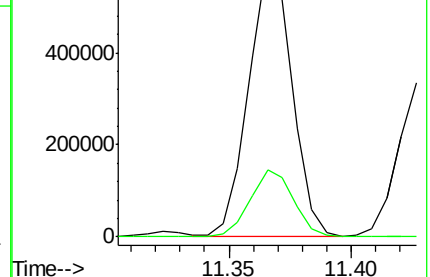
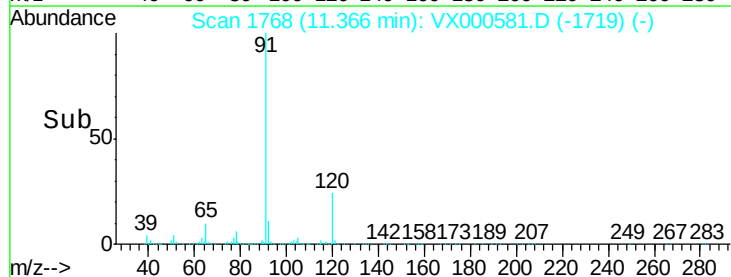
91 100

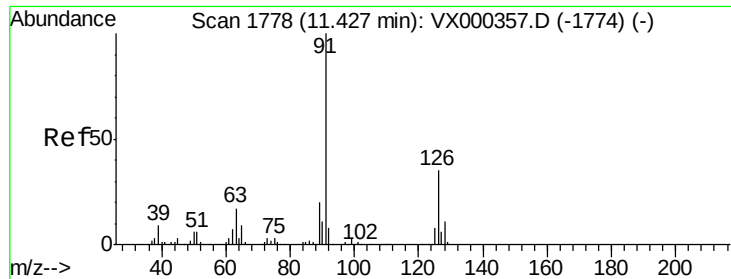
120 24.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

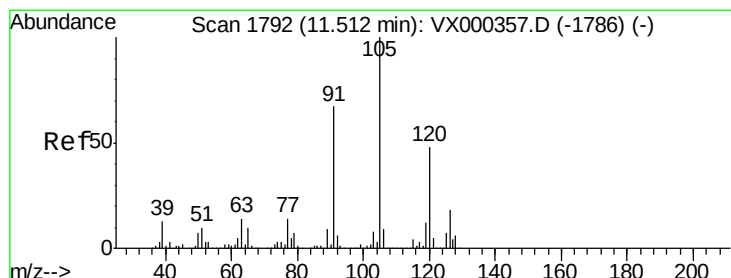
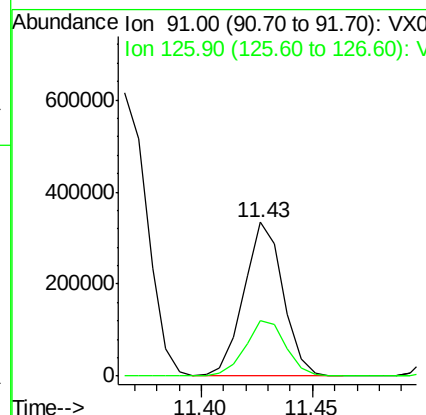
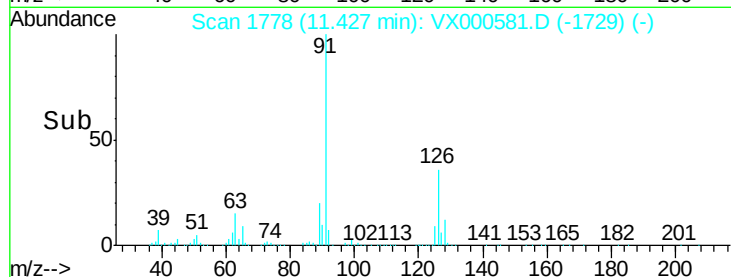
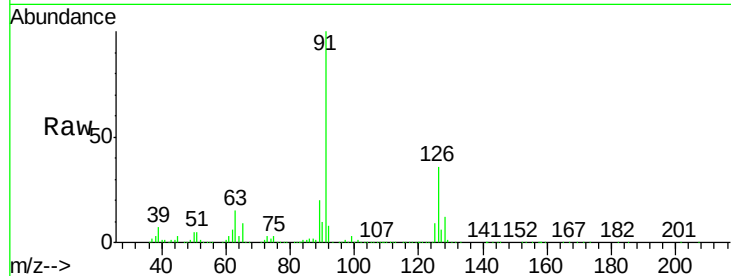




#79
 2-Chlorotoluene
 Concen: 42.80 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000581.D
 Acq: 31 Mar 2018 00:20

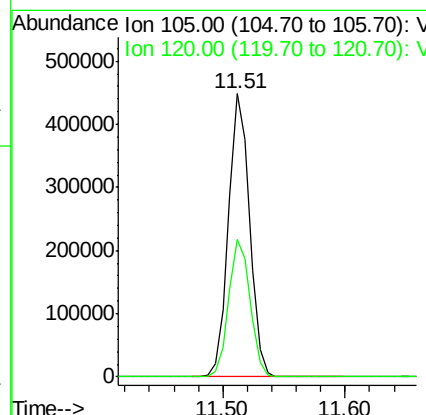
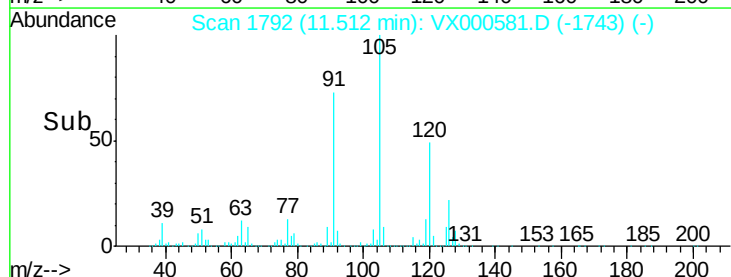
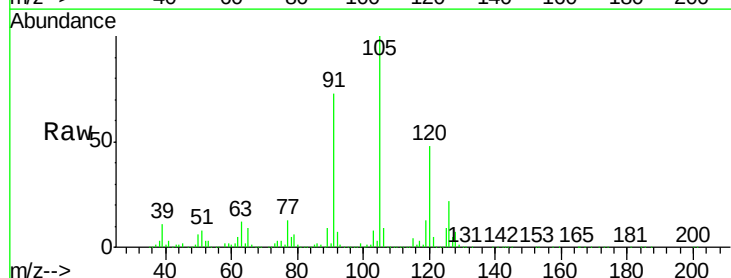
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

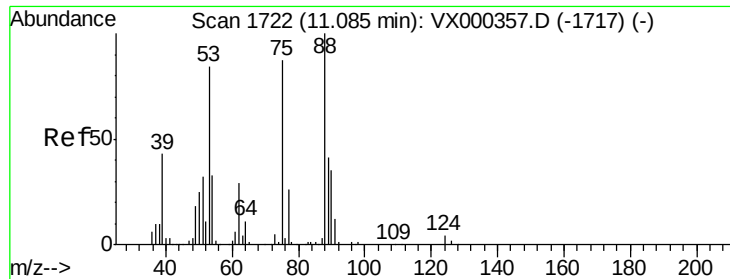
Tgt Ion: 91 Resp: 410261
 Ion Ratio Lower Upper
 91 100
 126 37.6 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 45.60 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000581.D
 Acq: 31 Mar 2018 00:20

Tgt Ion: 105 Resp: 533469
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 41.79 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

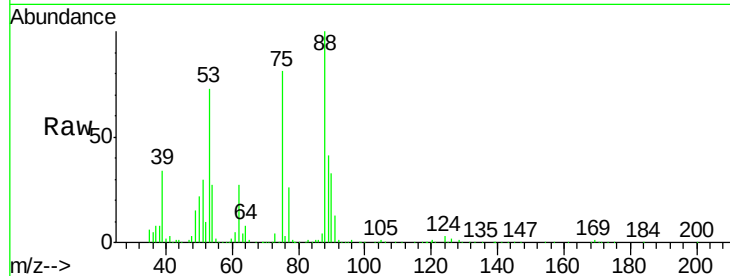
Tgt Ion: 75 Resp: 58262

Ion Ratio Lower Upper

75 100

53 96.4 80.7 121.1

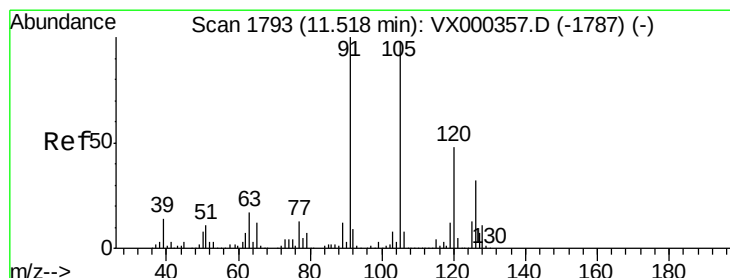
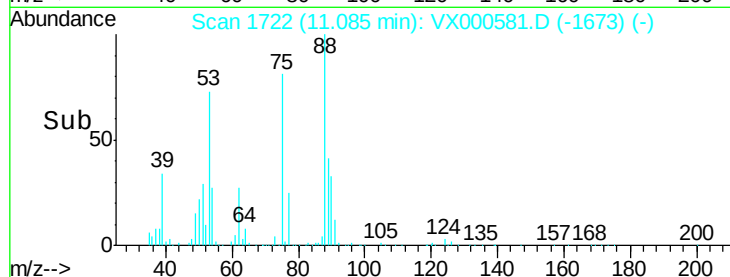
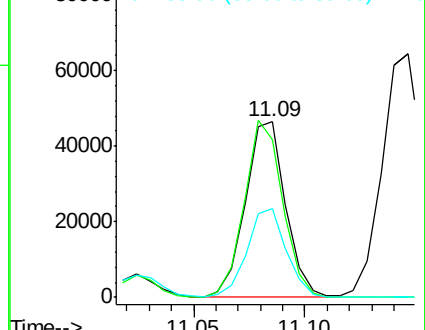
89 49.9 39.4 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 43.74 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000581.D

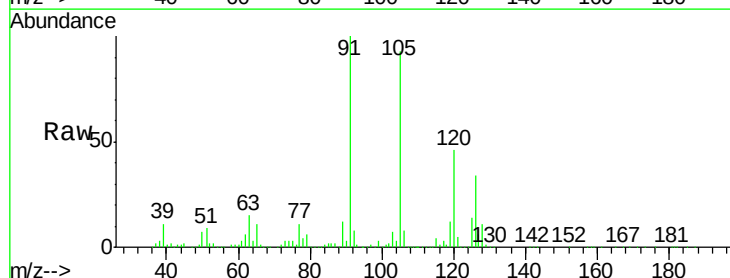
Acq: 31 Mar 2018 00:20

Tgt Ion: 91 Resp: 500596

Ion Ratio Lower Upper

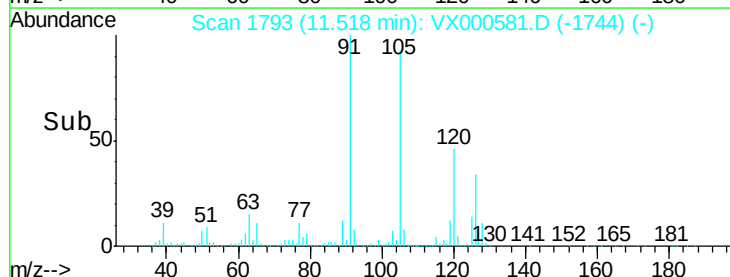
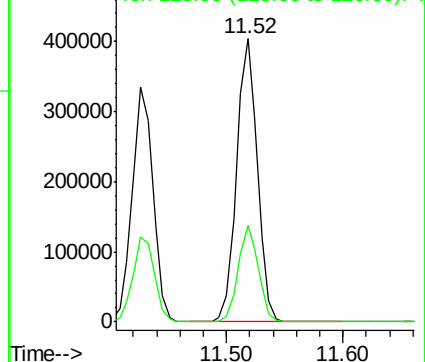
91 100

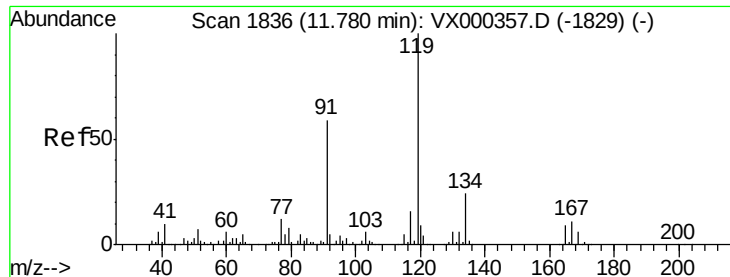
126 33.3 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

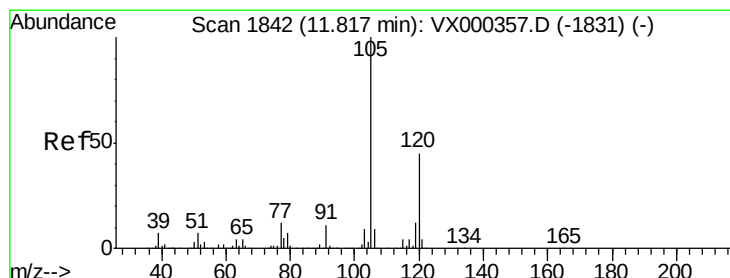
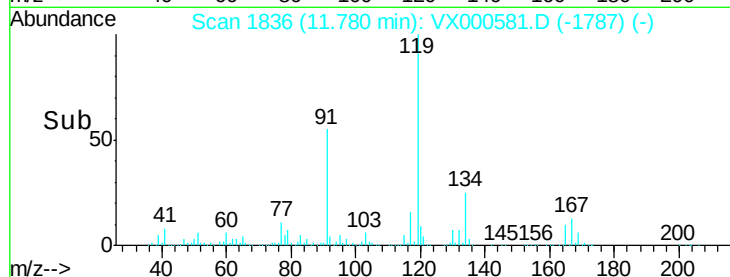
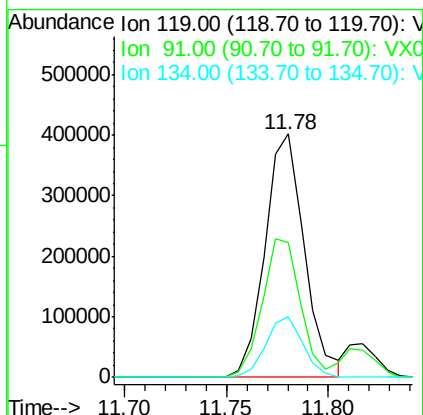
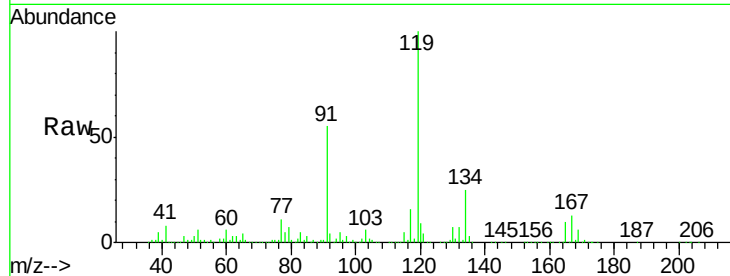




#83
 tert-Butylbenzene
 Concen: 45.77 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000581.D
 Acq: 31 Mar 2018 00:20

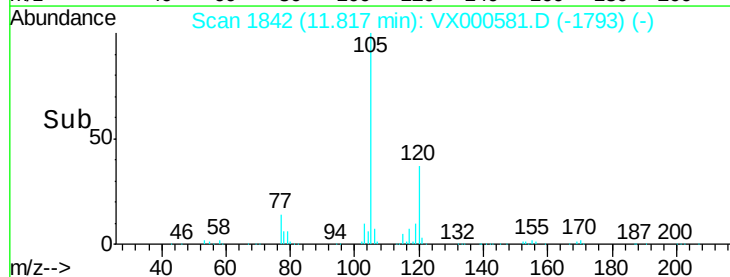
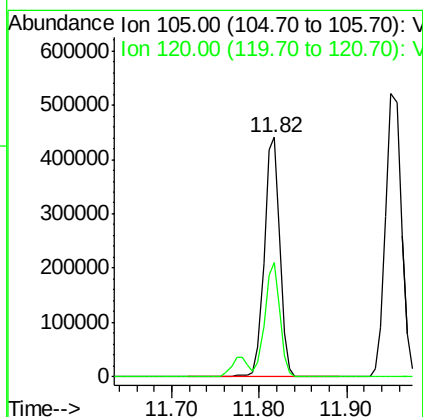
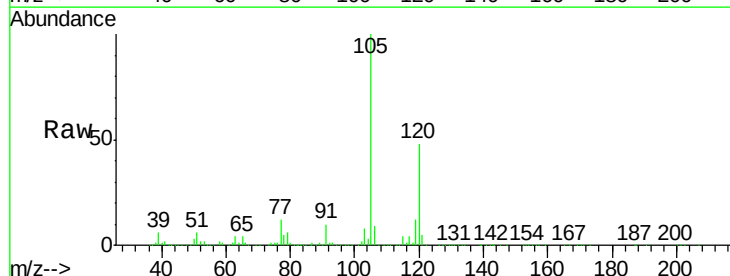
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

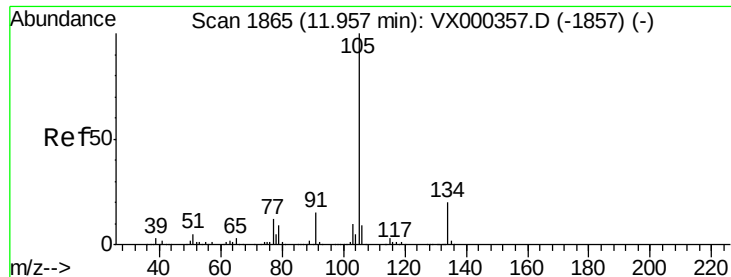
Tgt Ion:119 Resp: 540050
 Ion Ratio Lower Upper
 119 100
 91 54.9 28.8 86.4
 134 23.7 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 44.98 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000581.D
 Acq: 31 Mar 2018 00:20

Tgt Ion:105 Resp: 551704
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.4 67.3





#85

sec-Butylbenzene

Concen: 44.72 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

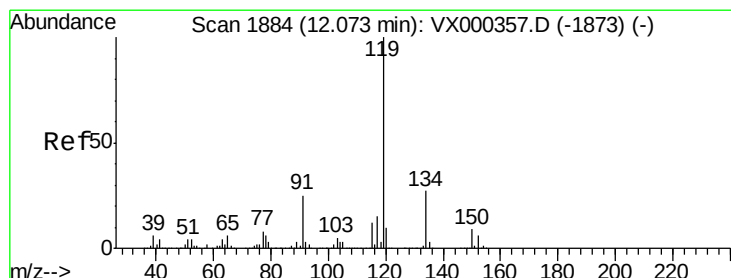
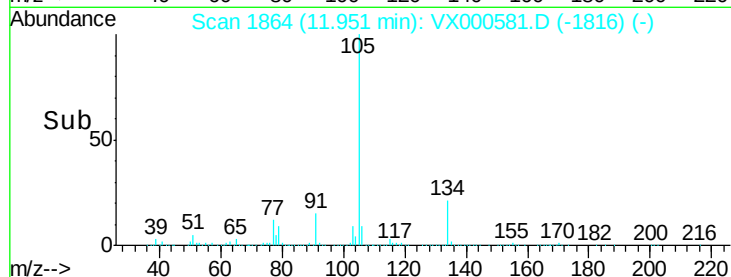
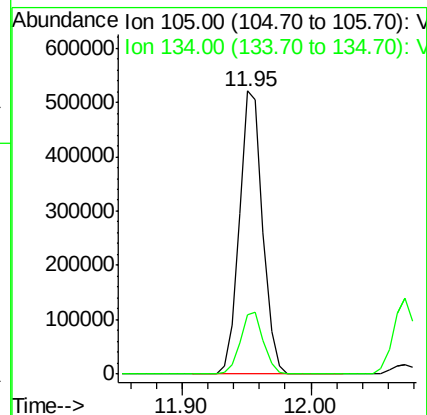
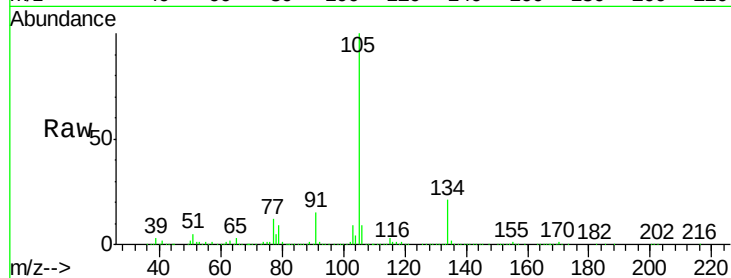
VSTDCCC050EC

Tgt Ion:105 Resp: 652959

Ion Ratio Lower Upper

105 100

134 21.6 10.3 30.8



#86

p-Isopropyltoluene

Concen: 46.33 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

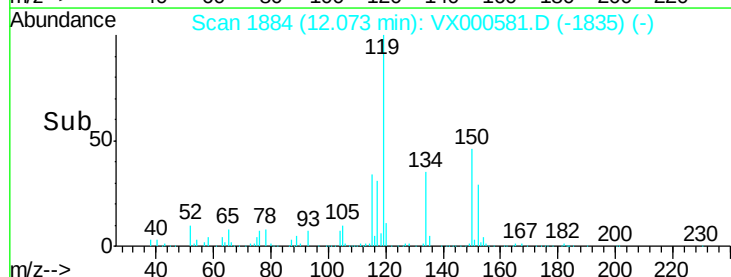
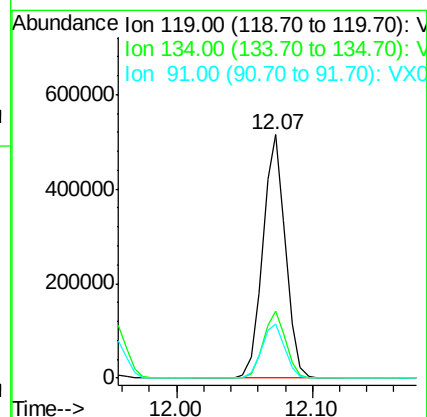
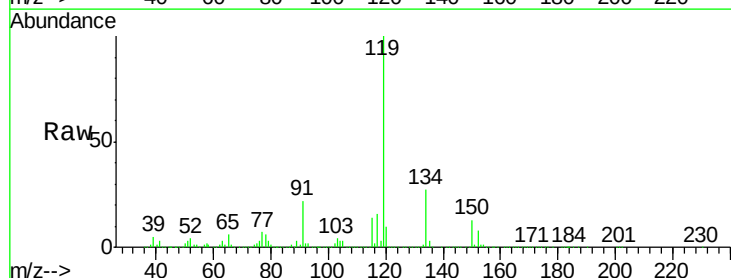
Tgt Ion:119 Resp: 600743

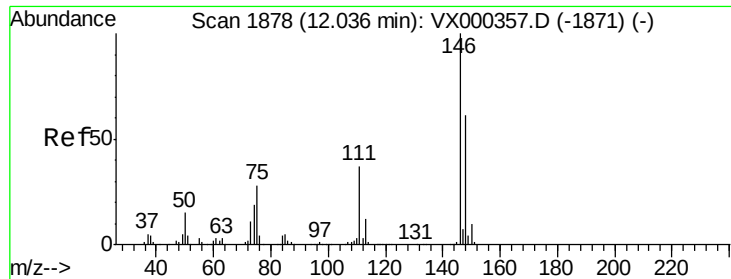
Ion Ratio Lower Upper

119 100

134 27.4 13.3 39.9

91 22.9 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 46.55 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

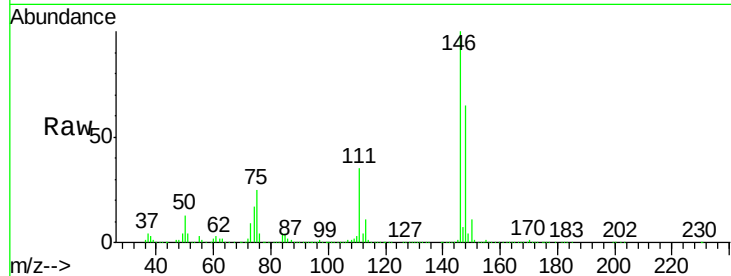
Tgt Ion:146 Resp: 326225

Ion Ratio Lower Upper

146 100

111 37.0 19.5 58.5

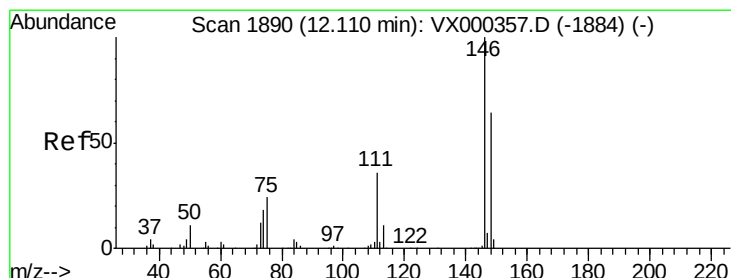
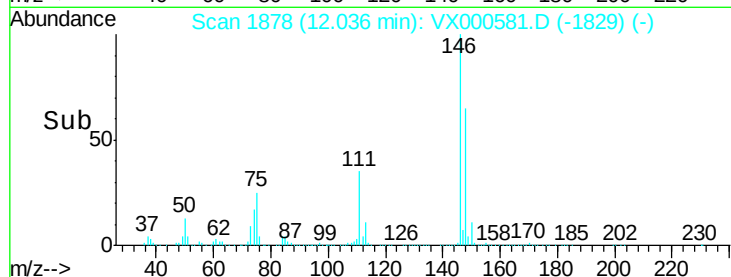
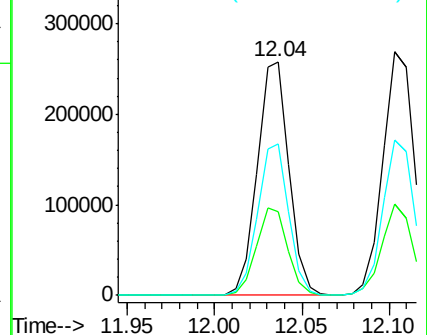
148 63.6 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 45.63 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

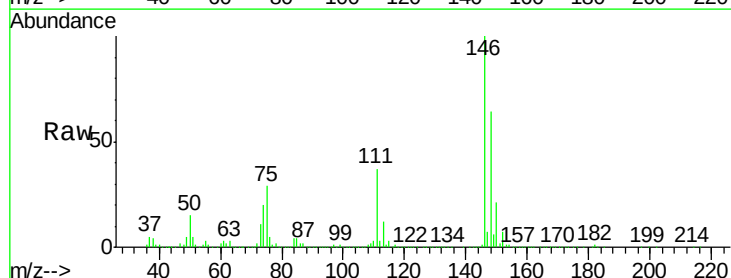
Tgt Ion:146 Resp: 335728

Ion Ratio Lower Upper

146 100

111 36.4 18.9 56.9

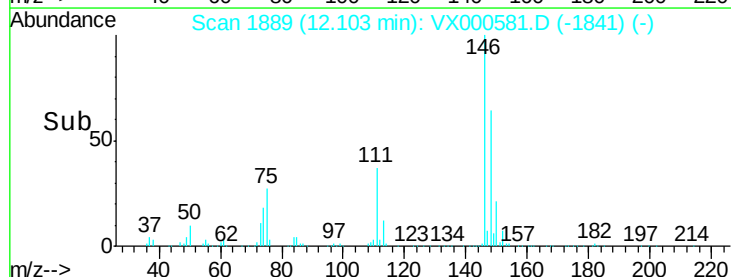
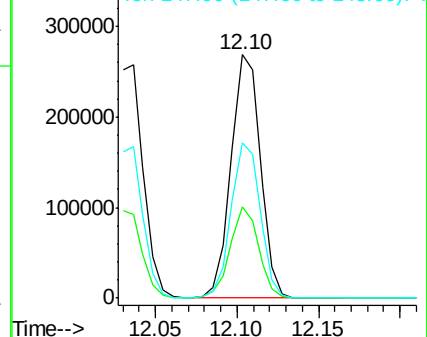
148 63.8 31.0 93.0

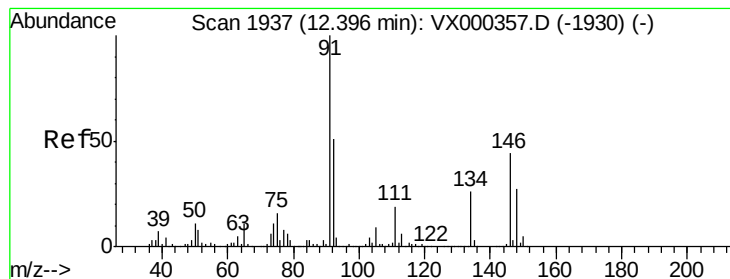


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 44.75 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

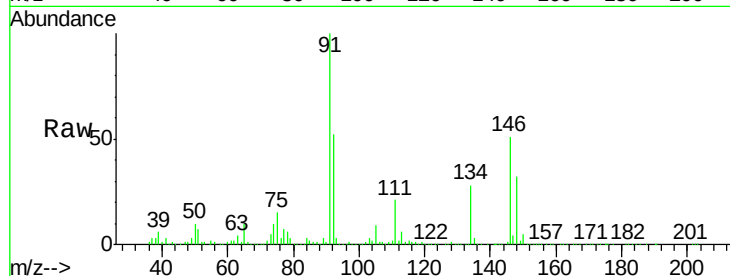
Tgt Ion: 91 Resp: 540225

Ion Ratio Lower Upper

91 100

92 51.5 25.9 77.8

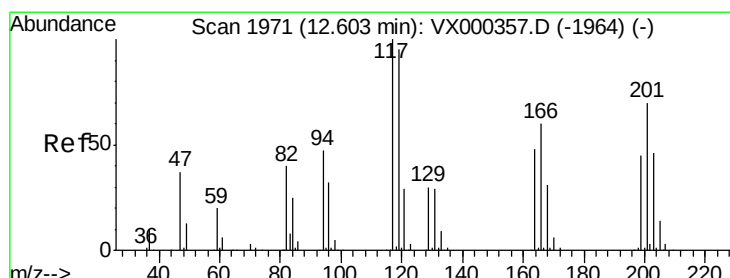
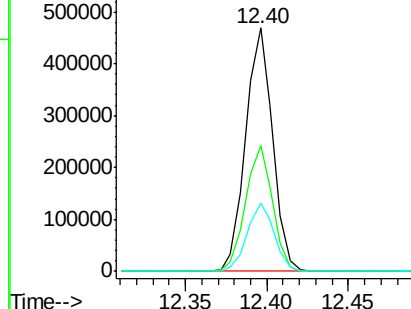
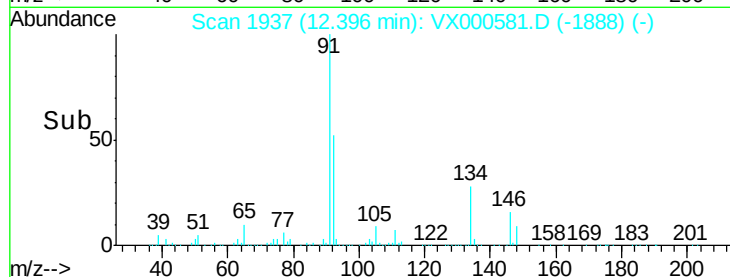
134 28.0 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX000581.D (-1888) (-)

Ion 92.00 (91.70 to 92.70): VX000581.D (-1888) (-)

Ion 134.00 (133.70 to 134.70): VX000581.D (-1888) (-)



#90

Hexachloroethane

Concen: 43.43 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000581.D

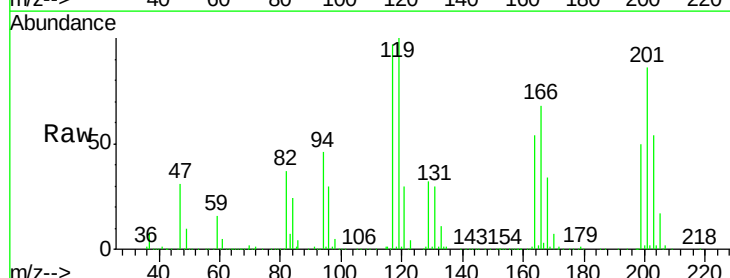
Acq: 31 Mar 2018 00:20

Tgt Ion: 117 Resp: 88636

Ion Ratio Lower Upper

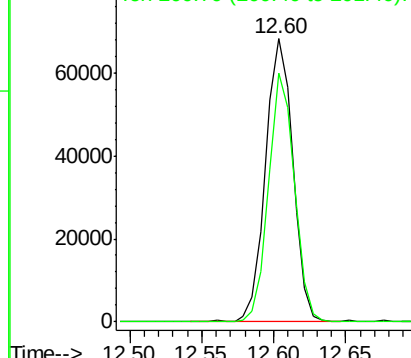
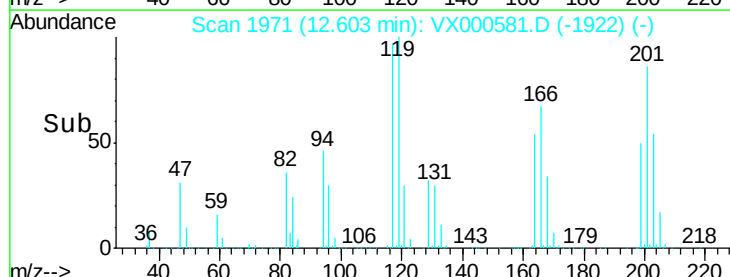
117 100

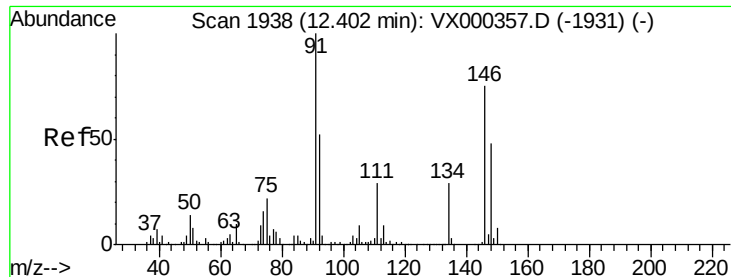
201 84.0 37.9 113.6



Abundance Ion 116.80 (116.50 to 117.50): VX000581.D (-1922) (-)

Ion 200.70 (200.40 to 201.40): VX000581.D (-1922) (-)

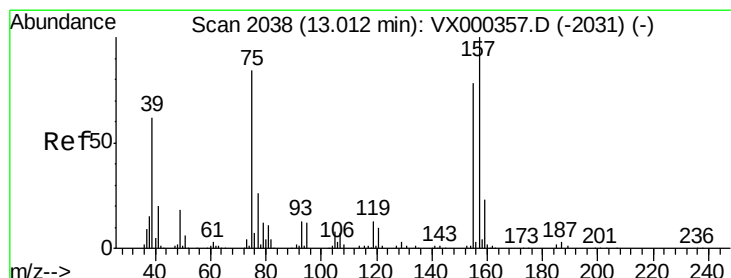
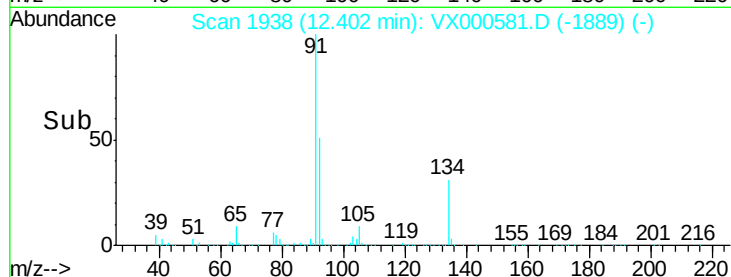
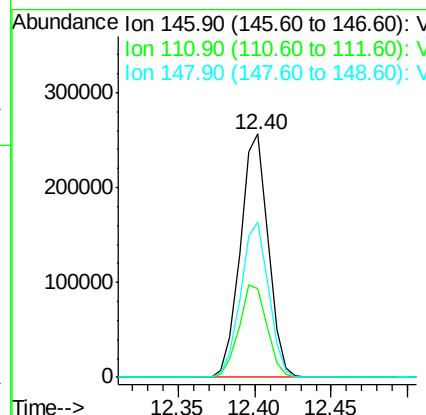
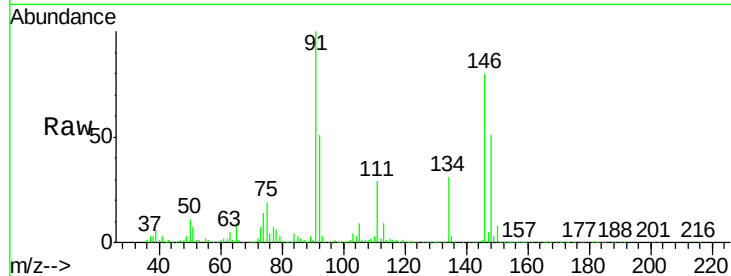




#91
 1,2-Dichlorobenzene
 Concen: 47.02 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000581.D
 Acq: 31 Mar 2018 00:20

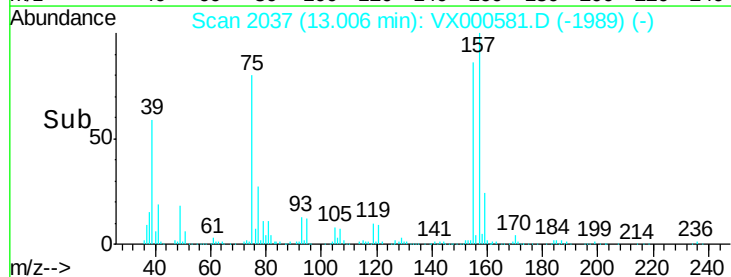
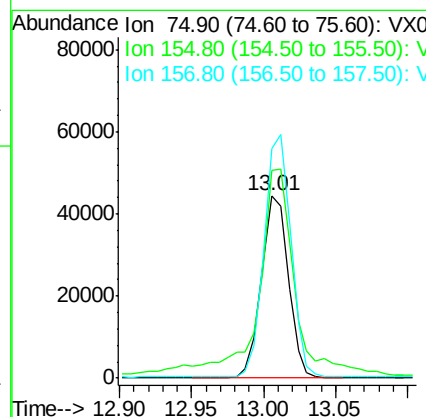
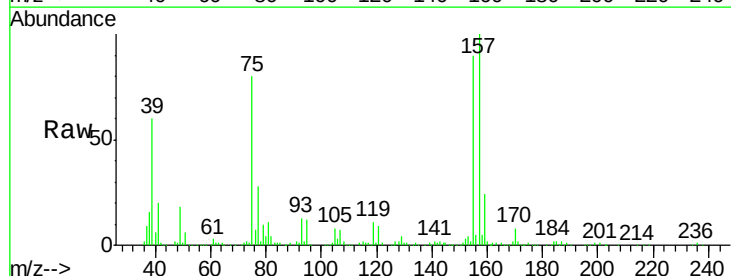
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

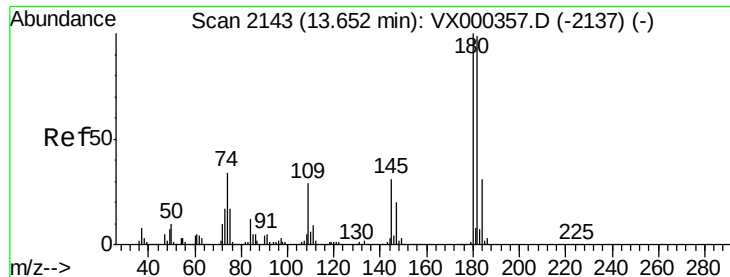
Tgt Ion:146 Resp: 323103
 Ion Ratio Lower Upper
 146 100
 111 38.5 20.1 60.2
 148 64.1 31.2 93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.60 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000581.D
 Acq: 31 Mar 2018 00:20

Tgt Ion: 75 Resp: 57105
 Ion Ratio Lower Upper
 75 100
 155 163.0 45.0 134.8#
 157 131.8 58.1 174.2

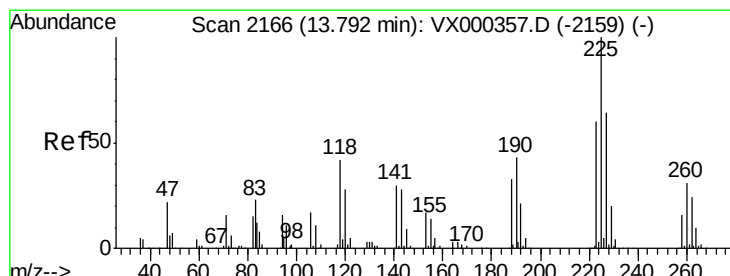
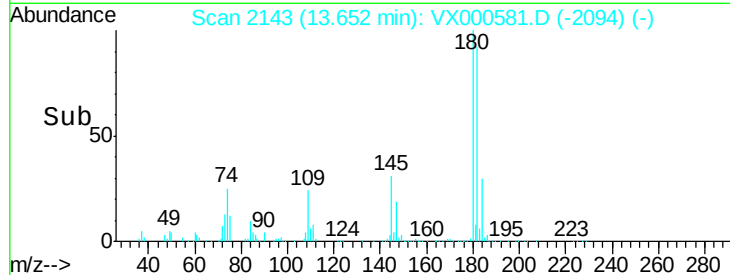
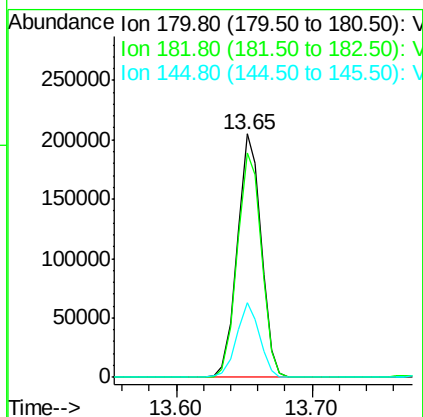
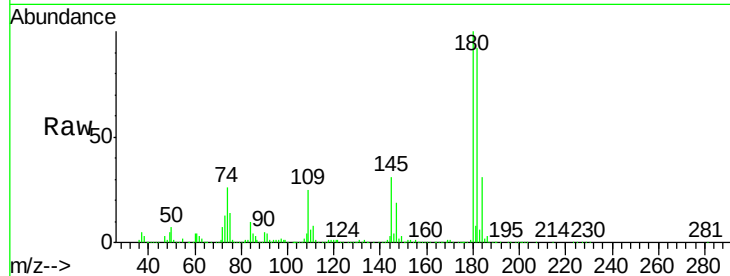




#93
 1,2,4-Trichlorobenzene
 Concen: 50.45 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000581.D
 Acq: 31 Mar 2018 00:20

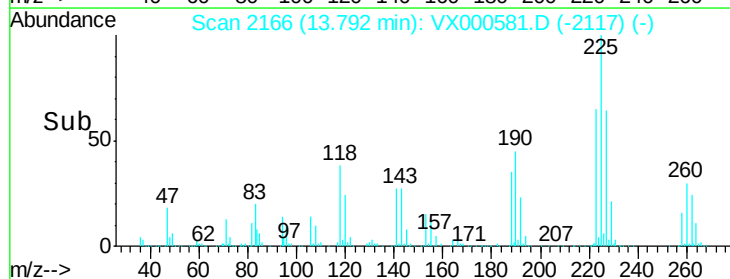
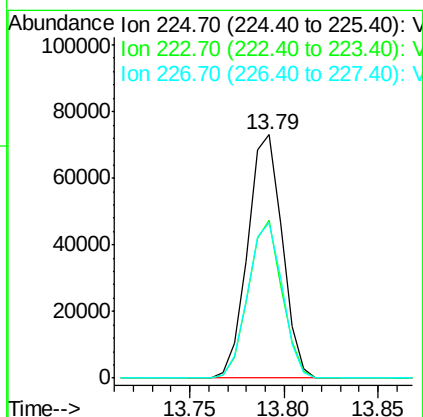
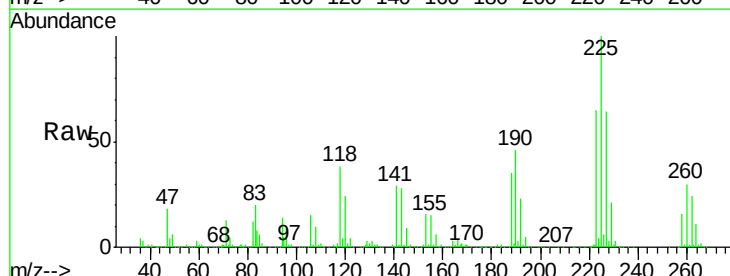
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

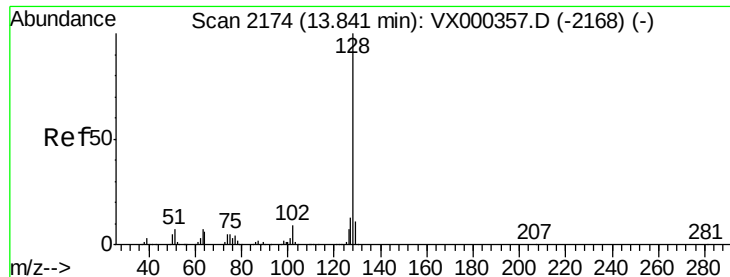
Tgt Ion:180 Resp: 248517
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.6 142.9
 145 29.3 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 45.53 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000581.D
 Acq: 31 Mar 2018 00:20

Tgt Ion:225 Resp: 92856
 Ion Ratio Lower Upper
 225 100
 223 63.1 32.0 96.0
 227 63.8 32.6 98.0





#95

Naphthalene

Concen: 52.83 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

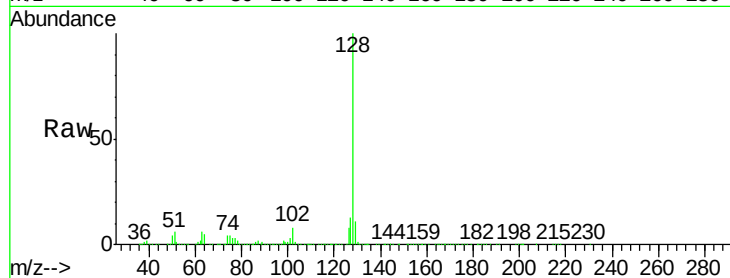
Tgt Ion:128 Resp: 906539

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

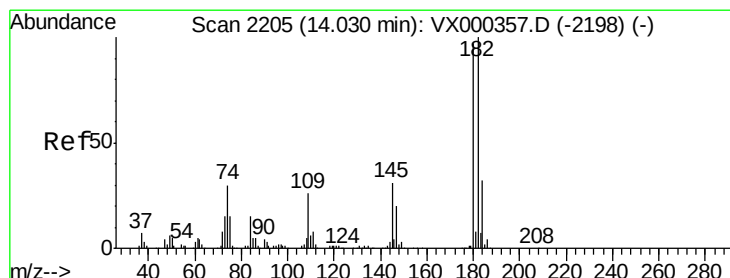
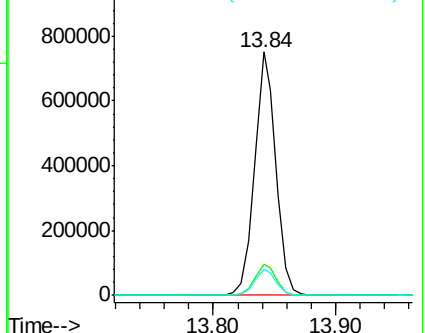
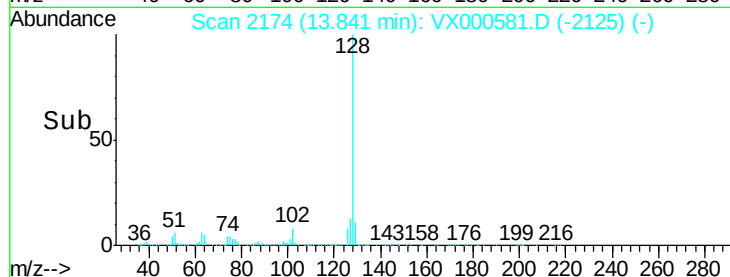
129 10.9 8.9 13.3



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: 49.83 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000581.D

Acq: 31 Mar 2018 00:20

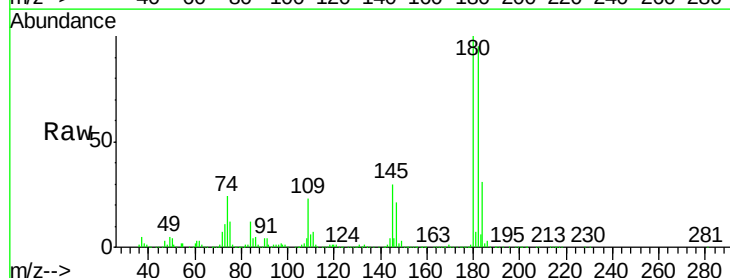
Tgt Ion:180 Resp: 242561

Ion Ratio Lower Upper

180 100

182 95.2 47.4 142.3

145 30.8 15.8 47.3



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

