

Data File : VX000531.D

Acq On : 29 Mar 2018 23:38

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Mar 30 06:59:55 2018

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

Quant Title : SW846 8260

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

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	114105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	191485	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	201477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	134156	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	75076	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
35) Dibromofluoromethane	5.52	113	59281	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
50) Toluene-d8	8.73	98	232558	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	
62) 4-Bromofluorobenzene	11.15	95	100102	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	52201	41.51	ug/l	95
3) Chloromethane	1.32	50	52441	39.58	ug/l	97
4) Vinyl Chloride	1.40	62	70027	50.02	ug/l	100
5) Bromomethane	1.64	94	106257	63.39	ug/l	99
6) Chloroethane	1.72	64	52774	61.51	ug/l	99
7) Trichlorofluoromethane	1.93	101	133345	52.78	ug/l	97
8) Diethyl Ether	2.19	74	47903	53.05	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	71947	51.07	ug/l	97
10) Methyl Iodide	2.51	142	62153	44.99	ug/l	99
11) Tert butyl alcohol	3.09	59	148149	289.16	ug/l	100
12) 1,1-Dichloroethene	2.37	96	65050	52.60	ug/l	94
13) Acrolein	2.30	56	36624	225.41	ug/l	97
14) Allyl chloride	2.73	41	122980	56.31	ug/l	99
15) Acrylonitrile	3.16	53	297556	286.75	ug/l	100
16) Acetone	2.45	43	282134	227.70	ug/l	99
17) Carbon Disulfide	2.57	76	157610	47.91	ug/l	99
18) Methyl Acetate	2.79	43	155285	59.78	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	250352	54.73	ug/l	99
20) Methylene Chloride	2.86	84	75334	52.64	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	75233	54.53	ug/l	93
22) Diisopropyl ether	3.89	45	175661	45.43	ug/l	96
23) Vinyl Acetate	3.84	43	810771	221.21	ug/l	100
24) 1,1-Dichloroethane	3.70	63	106646	43.87	ug/l	100
25) 2-Butanone	4.72	43	330646	237.41	ug/l	98
26) 2,2-Dichloropropane	4.59	77	73360	43.06	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	63915	49.57	ug/l	95
28) Bromochloromethane	5.03	49	48590	48.47	ug/l	95
29) Tetrahydrofuran	5.18	42	220053	256.80	ug/l	99
30) Chloroform	5.23	83	118577	52.05	ug/l	96
31) Cyclohexane	5.59	56	86624	46.10	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	103830	50.52	ug/l	98
36) 1,1-Dichloropropene	5.81	75	84236	46.96	ug/l	99
37) Ethyl Acetate	4.88	43	117193	47.83	ug/l	99
38) Carbon Tetrachloride	5.79	117	89987	47.82	ug/l	100

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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Mar 30 06:59:55 2018

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

Quant Title : SW846 8260

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

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	98733	45.26	ug/l	98
40) Benzene	6.15	78	255085	48.97	ug/l	99
41) Methacrylonitrile	5.07	41	60749	47.03	ug/l	97
42) 1,2-Dichloroethane	6.21	62	102033	49.93	ug/l	100
43) Isopropyl Acetate	6.48	43	179524	49.22	ug/l	98
44) Trichloroethene	7.22	130	72526	48.60	ug/l	95
45) 1,2-Dichloropropane	7.52	63	66801	50.10	ug/l	99
46) Dibromomethane	7.67	93	51498	49.21	ug/l	97
47) Bromodichloromethane	7.91	83	94443	51.29	ug/l	99
48) Methyl methacrylate	7.79	41	89416	50.50	ug/l	99
49) 1,4-Dioxane	7.77	88	40628	1091.63	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	724365	256.60	ug/l	99
52) Toluene	8.79	92	178396	48.99	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	106866	50.09	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	107181	51.79	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	76332	50.97	ug/l	98
56) Ethyl methacrylate	9.19	69	115952	51.10	ug/l	99
57) 1,3-Dichloropropane	9.38	76	123610	51.61	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	200211	183.84	ug/l	97
59) 2-Hexanone	9.51	43	615829	256.91	ug/l	100
60) Dibromochloromethane	9.59	129	82421	46.80	ug/l	98
61) 1,2-Dibromoethane	9.68	107	83788	52.18	ug/l	99
64) Tetrachloroethene	9.34	164	73097	46.75	ug/l	97
65) Chlorobenzene	10.15	112	216354	48.25	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	76626	50.32	ug/l	99
67) Ethyl Benzene	10.26	91	368791	48.52	ug/l	96
68) m/p-Xylenes	10.37	106	299682	100.20	ug/l	98
69) o-Xylene	10.71	106	141822	48.97	ug/l	97
70) Styrene	10.72	104	253390	52.88	ug/l	98
71) Bromoform	10.87	173	67628	43.32	ug/l #	96
73) Isopropylbenzene	11.02	105	403703	45.42	ug/l	98
74) N-amyl acetate	6.48	43	179524	46.08	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	148417	47.21	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	167479	58.09	ug/l	82
77) Bromobenzene	11.26	156	101864	43.02	ug/l	98
78) n-propylbenzene	11.37	91	478462	45.14	ug/l	100
79) 2-Chlorotoluene	11.43	91	275112	44.93	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	355500	47.57	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	39603	44.47	ug/l	98
82) 4-Chlorotoluene	11.52	91	344005	47.05	ug/l	98
83) tert-Butylbenzene	11.78	119	346368	45.95	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	371843	47.45	ug/l	99
85) sec-Butylbenzene	11.96	105	444072	47.61	ug/l	99
86) p-Isopropyltoluene	12.07	119	394912	47.68	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	207826	46.42	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	218208	46.42	ug/l	97
89) n-Butylbenzene	12.40	91	370517	48.04	ug/l	99
90) Hexachloroethane	12.60	117	61272	47.00	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	213346	48.60	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	40994	46.75	ug/l	97

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032918\
Quantitation Report (Not Reviewed)

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Instrument :
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ClientSampleId :
VSTDCCC050

Quant Time: Mar 30 06:59:55 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

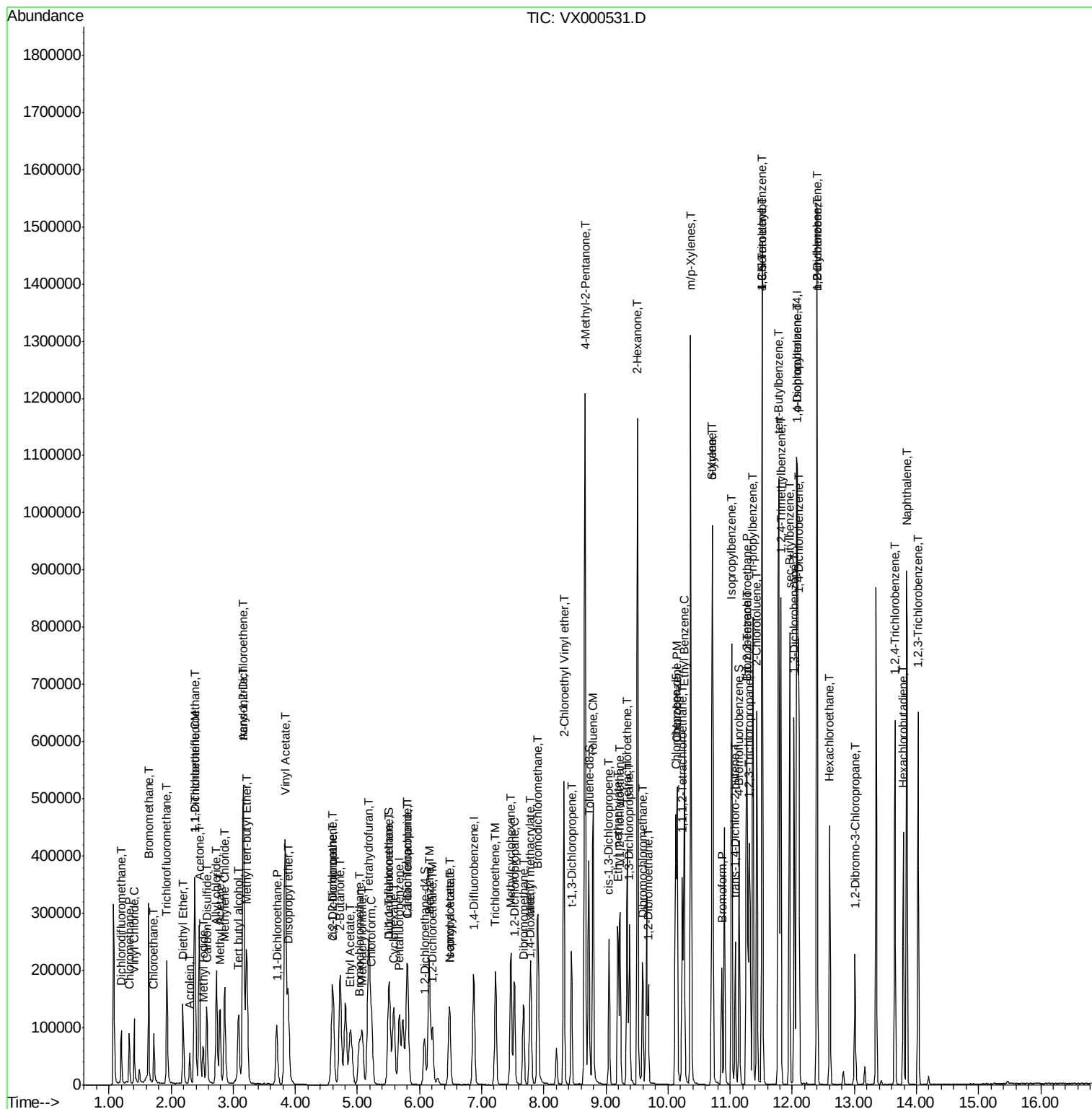
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	144001	45.76	ug/l	99
94) Hexachlorobutadiene	13.79	225	59254	45.48	ug/l	98
95) Naphthalene	13.84	128	537153	49.00	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	148091	47.63	ug/l	99

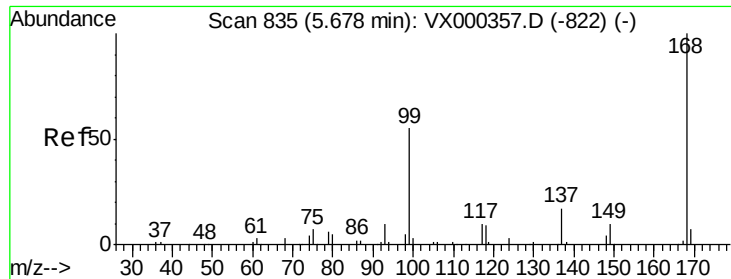
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 28 Sample Multiplier: 1

VSTDCCC050

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

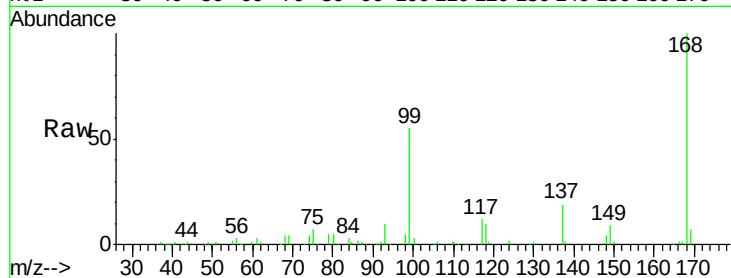
VSTDCCC050

Tgt Ion:168 Resp: 114105

Ion Ratio Lower Upper

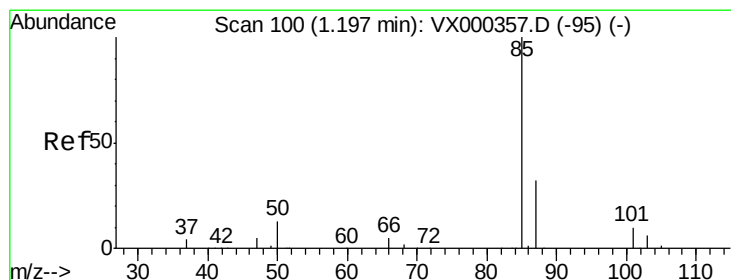
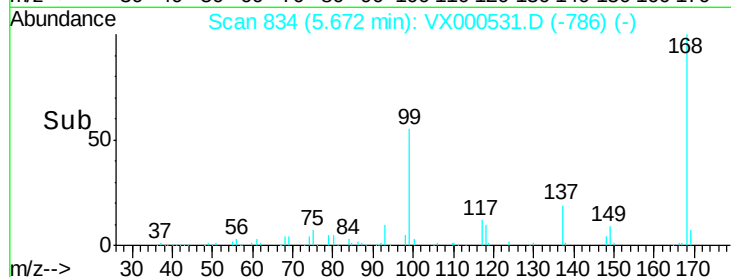
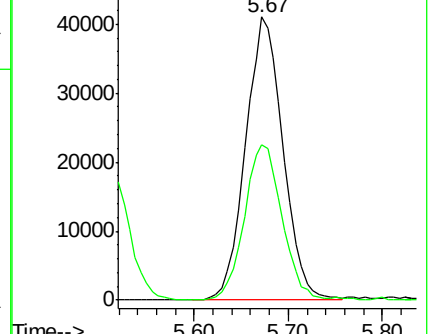
168 100

99 54.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 41.51 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000531.D

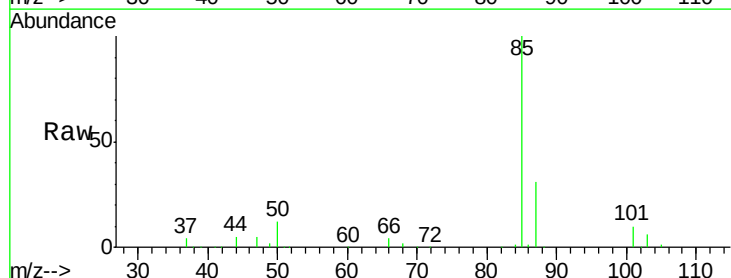
Acq: 29 Mar 2018 23:38

Tgt Ion: 85 Resp: 52201

Ion Ratio Lower Upper

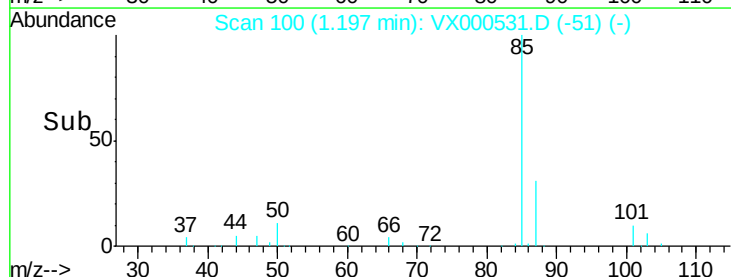
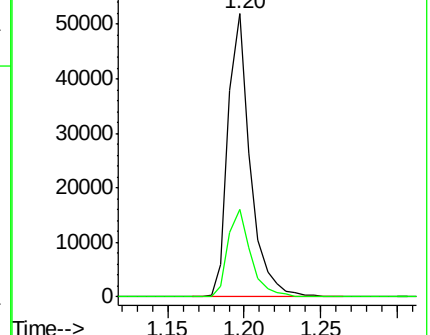
85 100

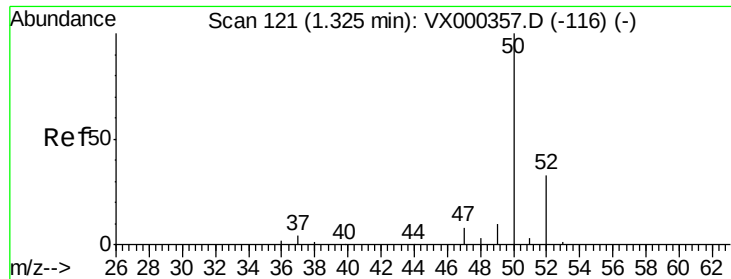
87 30.7 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 39.58 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

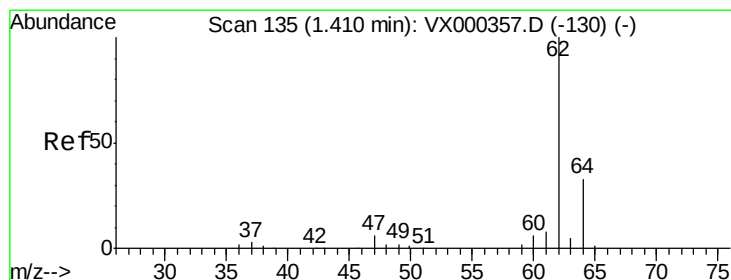
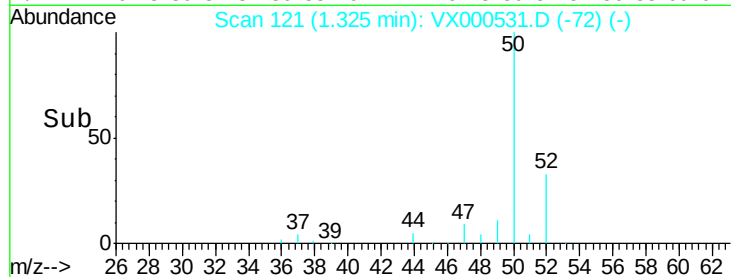
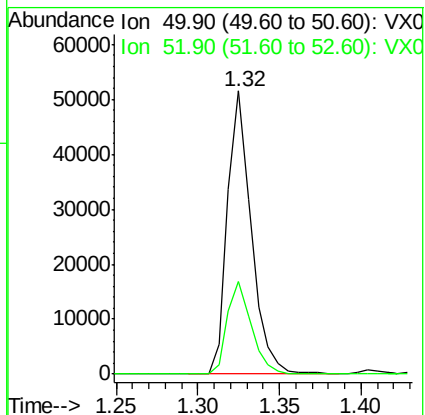
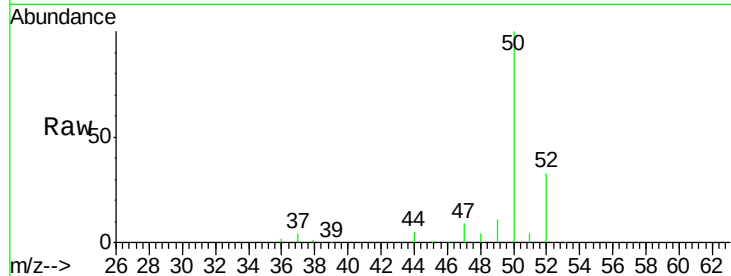
VSTDCCC050

Tgt Ion: 50 Resp: 52441

Ion Ratio Lower Upper

50 100

52 32.8 27.5 41.3



#4

Vinyl Chloride

Concen: 50.02 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000531.D

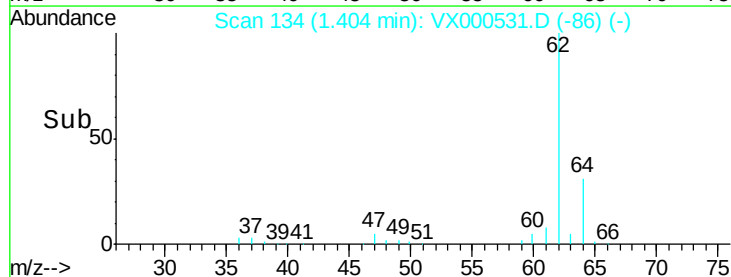
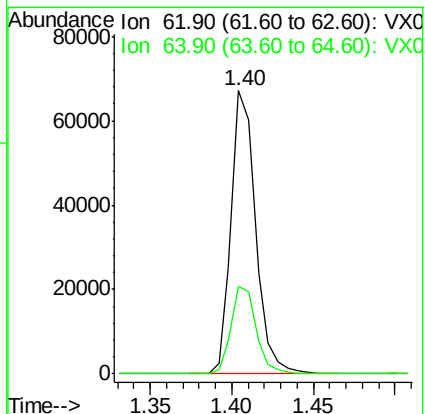
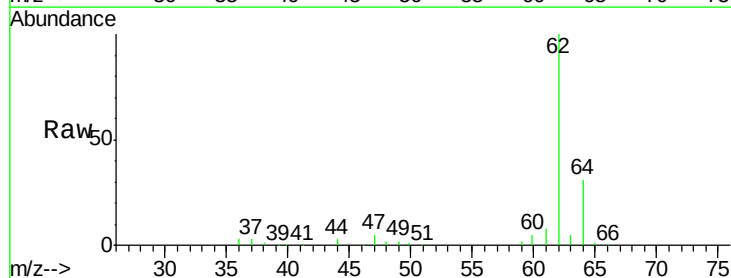
Acq: 29 Mar 2018 23:38

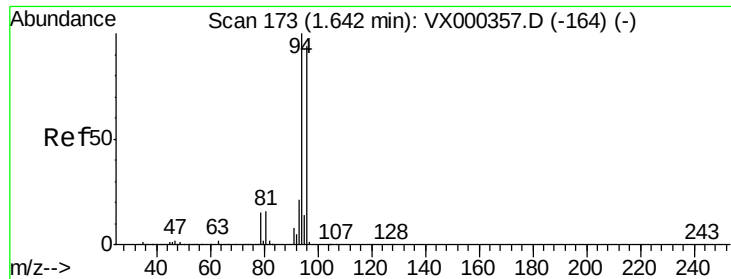
Tgt Ion: 62 Resp: 70027

Ion Ratio Lower Upper

62 100

64 31.1 24.8 37.2





#5

Bromomethane

Concen: 63.39 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

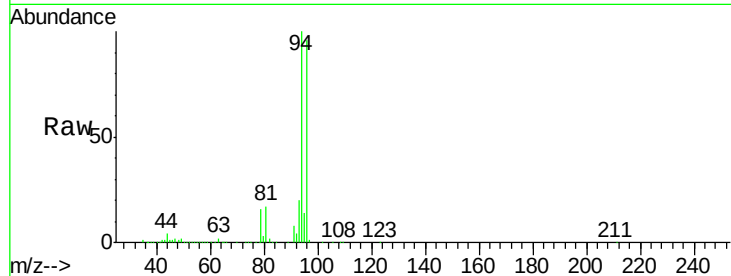
VSTDCCC050

Tgt Ion: 94 Resp: 106257

Ion Ratio Lower Upper

94 100

96 96.2 77.7 116.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

100000

80000

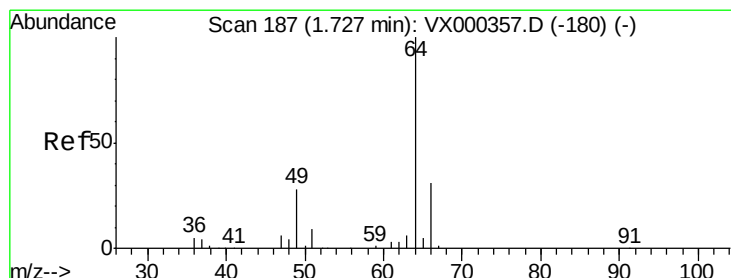
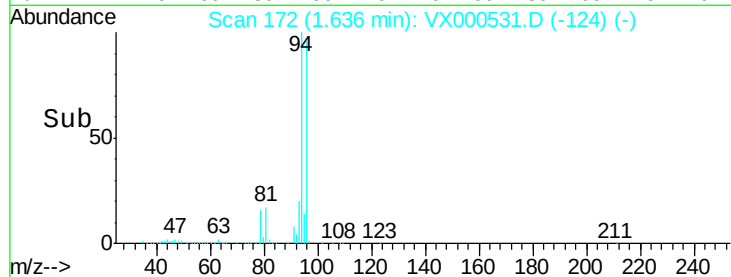
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 61.51 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000531.D

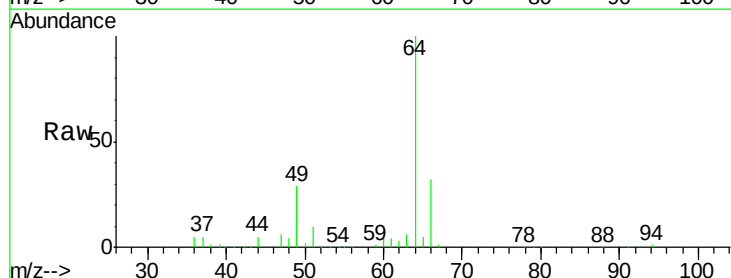
Acq: 29 Mar 2018 23:38

Tgt Ion: 64 Resp: 52774

Ion Ratio Lower Upper

64 100

66 31.6 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

40000

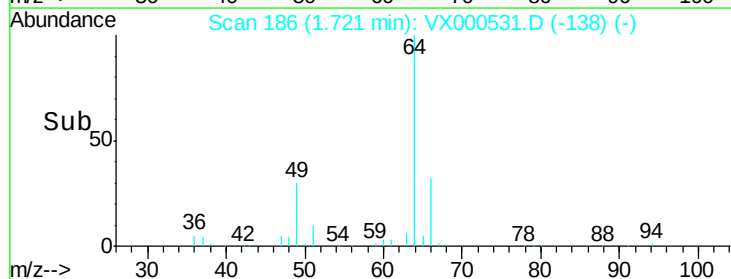
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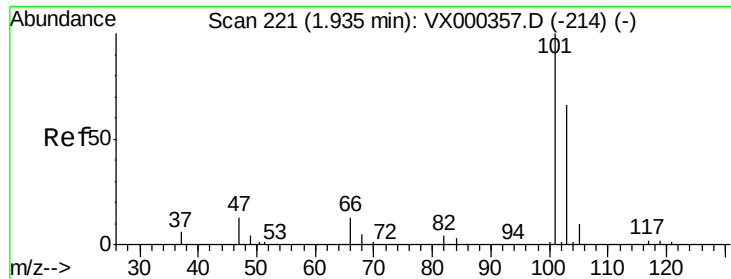
20000

10000

0

Time--> 1.60 1.70 1.80



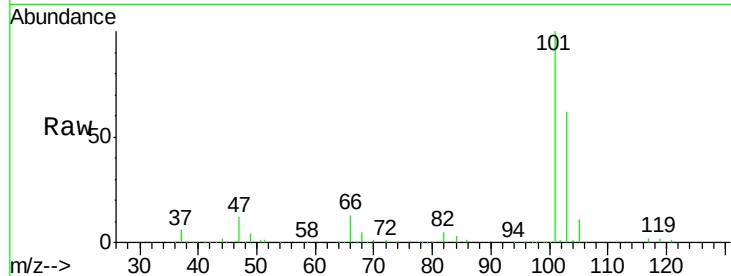


#7

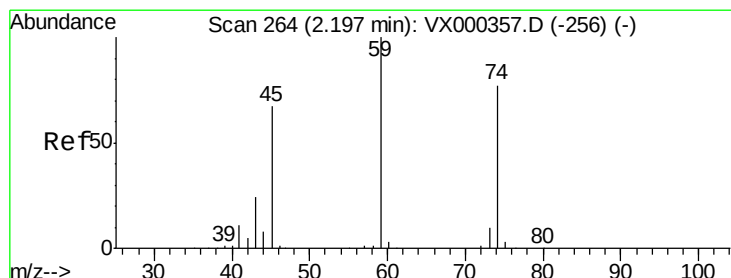
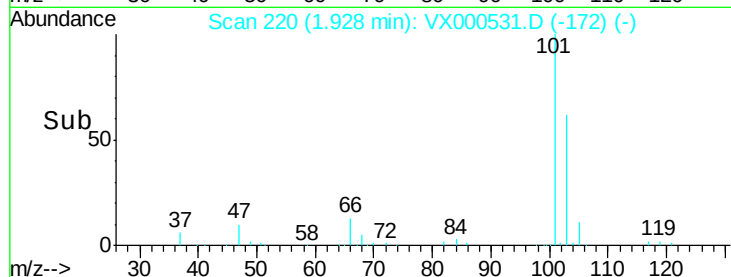
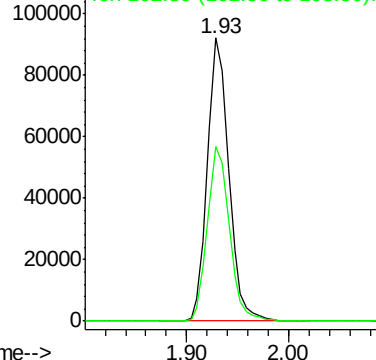
Trichlorofluoromethane
 Concen: 52.78 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VX000531.D
 Acq: 29 Mar 2018 23:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 133345
 Ion Ratio Lower Upper
 101 100
 103 61.9 51.6 77.4



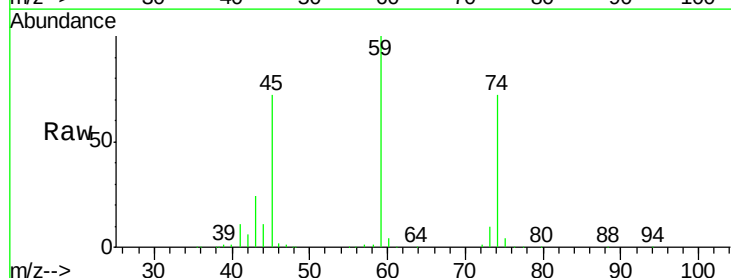
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



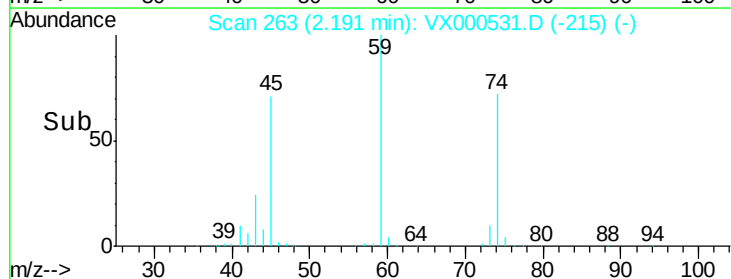
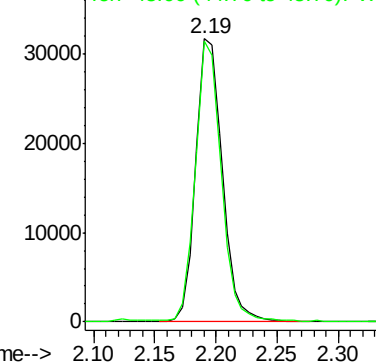
#8

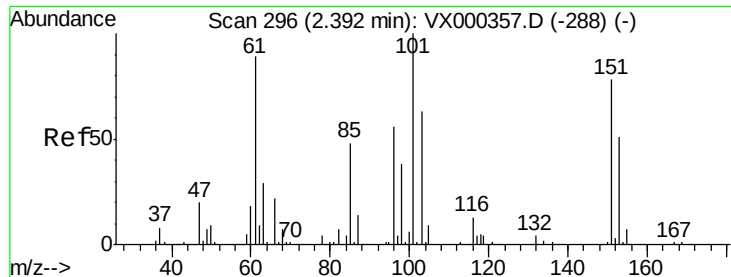
Diethyl Ether
 Concen: 53.05 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000531.D
 Acq: 29 Mar 2018 23:38

Tgt Ion: 74 Resp: 47903
 Ion Ratio Lower Upper
 74 100
 45 96.1 45.1 135.3



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.07 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

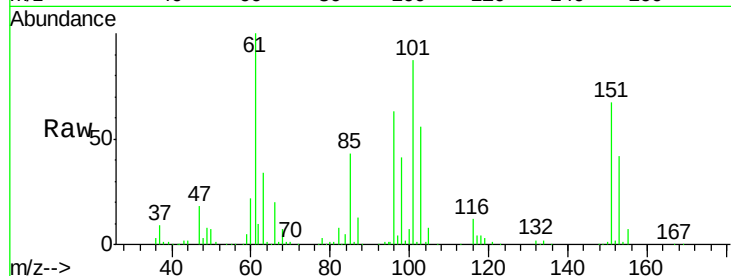
Tgt Ion:101 Resp: 71947

Ion Ratio Lower Upper

101 100

85 49.9 37.6 56.4

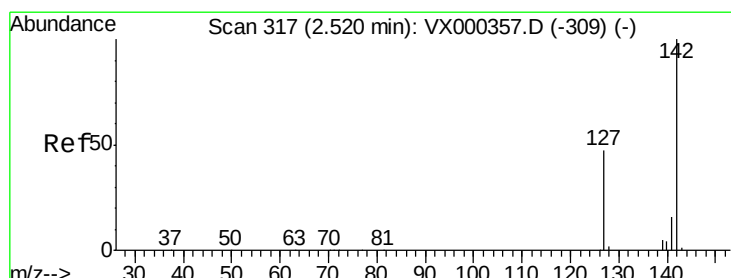
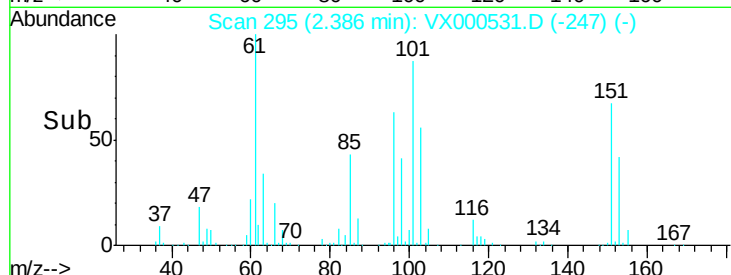
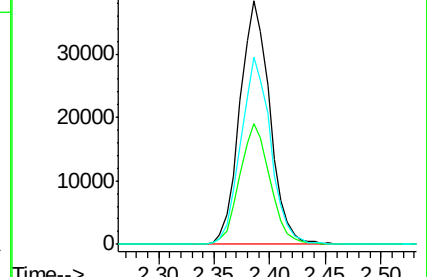
151 76.5 62.6 93.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.99 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

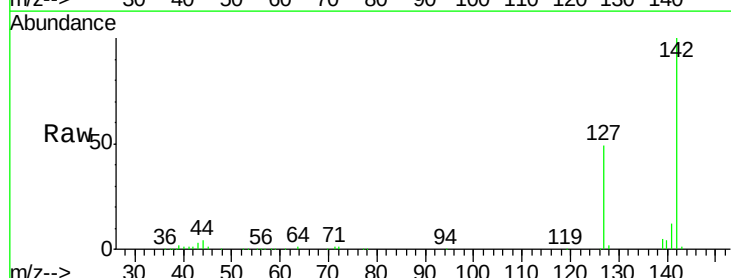
Tgt Ion:142 Resp: 62153

Ion Ratio Lower Upper

142 100

127 48.5 39.2 58.8

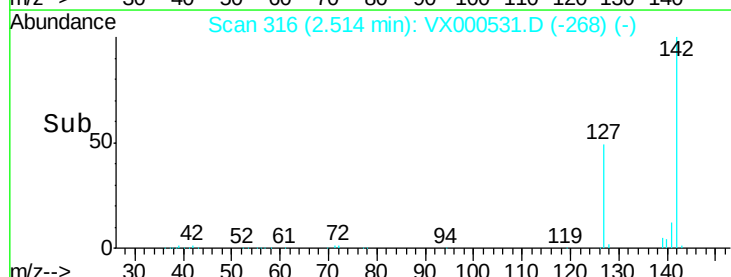
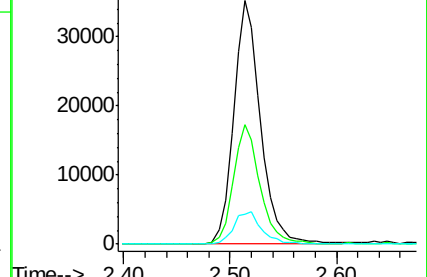
141 14.0 11.7 17.5

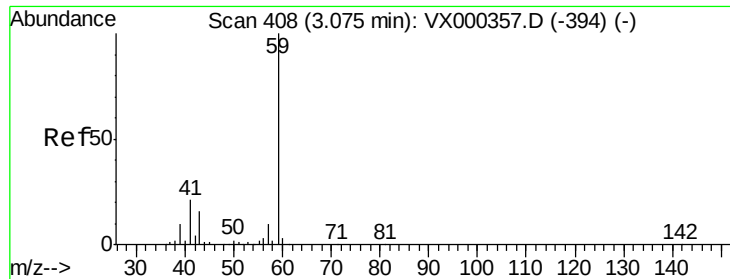


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

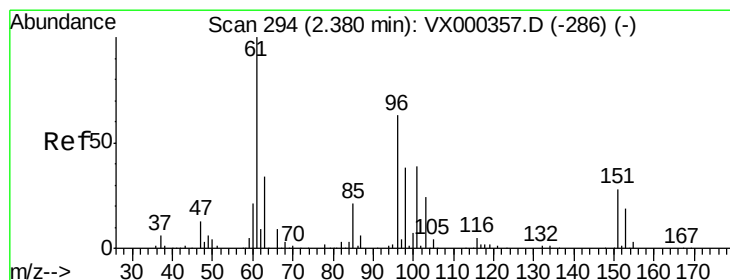
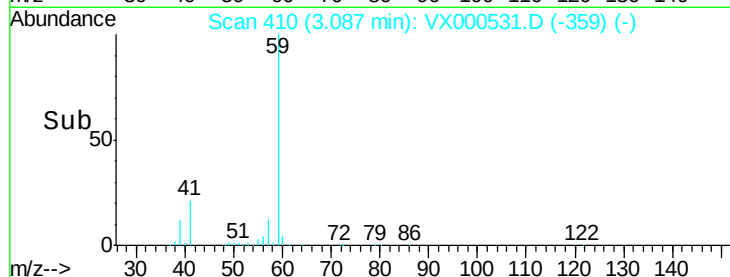
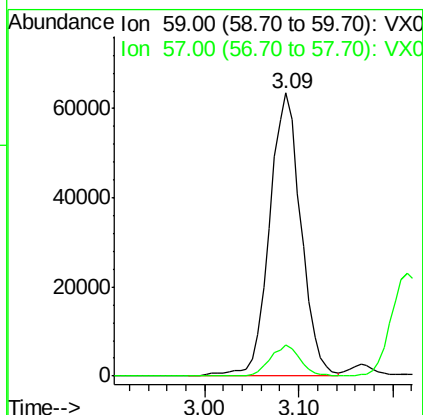
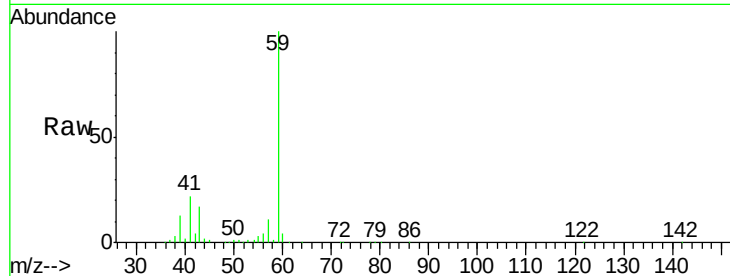




#11
Tert butyl alcohol
Concen: 289.16 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX000531.D
Acq: 29 Mar 2018 23:38

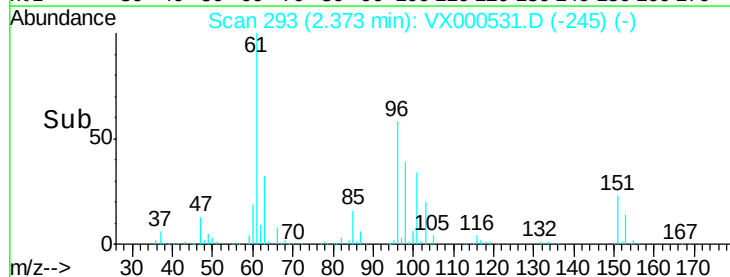
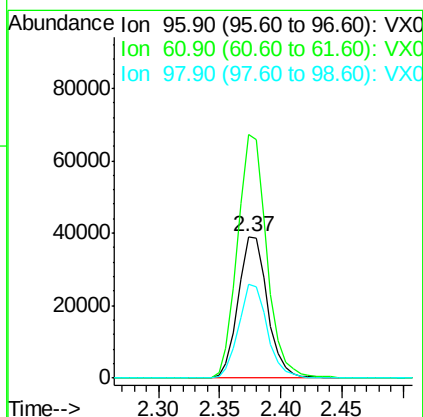
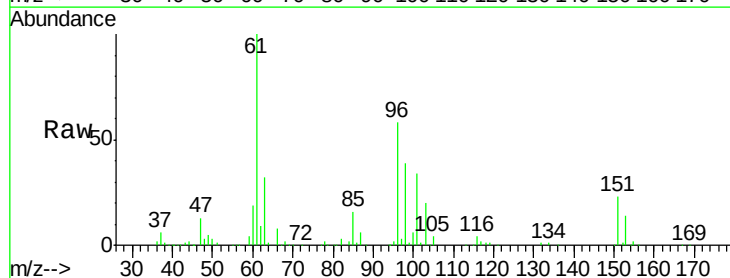
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

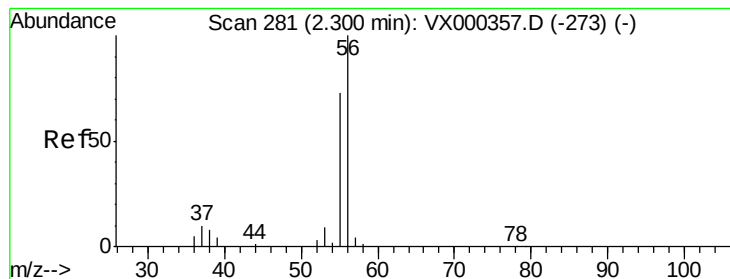
Tgt Ion: 59 Resp: 148149
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6



#12
1,1-Dichloroethene
Concen: 52.60 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.01 min
Lab File: VX000531.D
Acq: 29 Mar 2018 23:38

Tgt Ion: 96 Resp: 65050
Ion Ratio Lower Upper
96 100
61 171.8 131.2 196.8
98 66.4 49.8 74.8





#13

Acrolein

Concen: 225.41 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

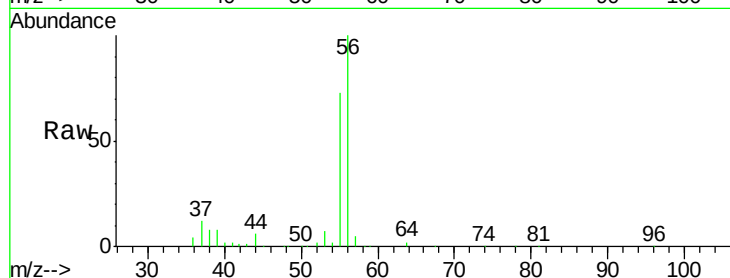
VSTDCCC050

Tgt Ion: 56 Resp: 36624

Ion Ratio Lower Upper

56 100

55 70.8 58.8 88.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

25000

20000

15000

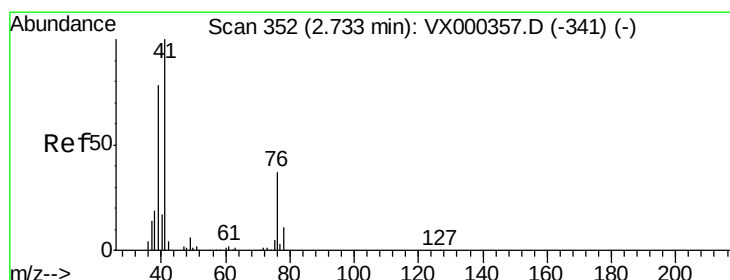
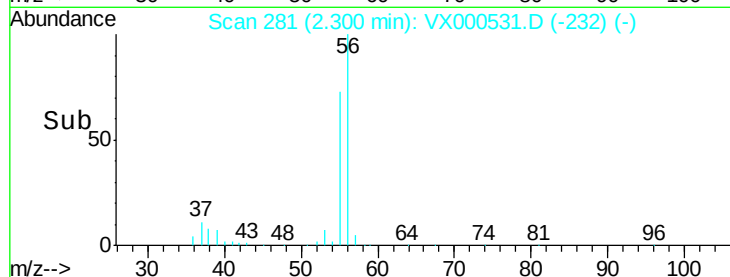
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 56.31 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

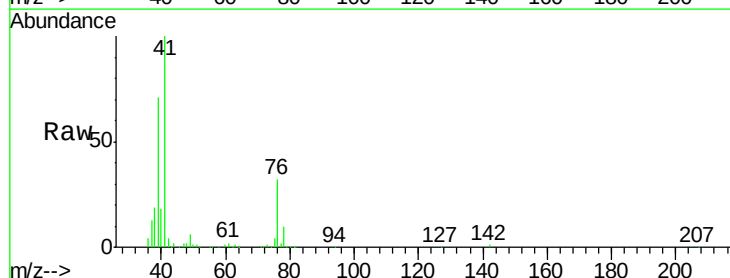
Tgt Ion: 41 Resp: 122980

Ion Ratio Lower Upper

41 100

39 71.3 57.6 86.4

76 32.9 27.3 40.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

80000

60000

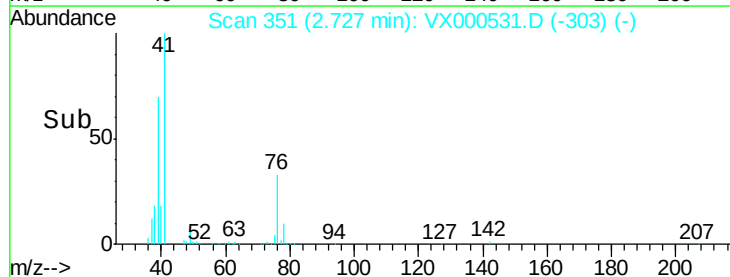
40000

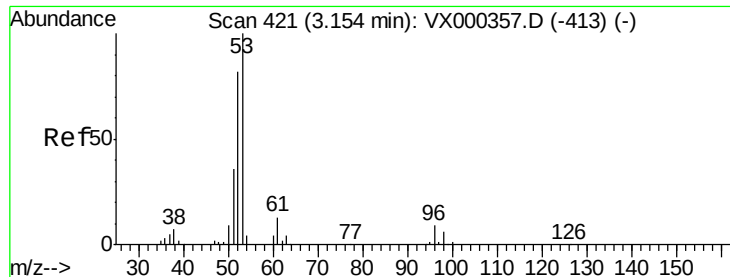
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 286.75 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

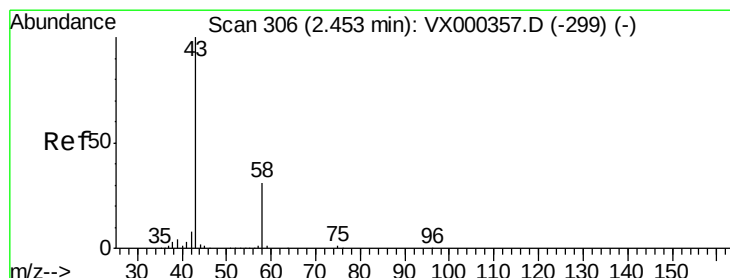
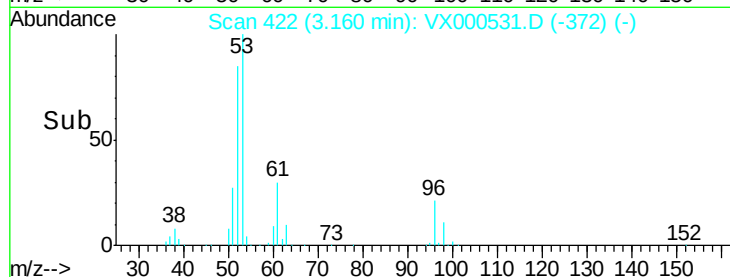
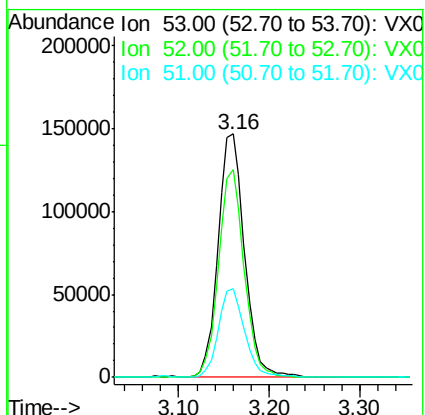
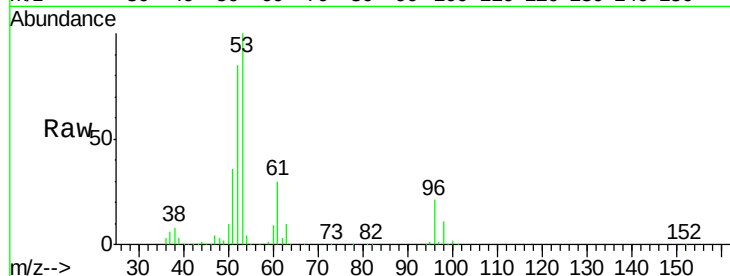
Tgt Ion: 53 Resp: 297556

Ion Ratio Lower Upper

53 100

52 83.1 66.6 99.8

51 36.5 29.3 43.9



#16

Acetone

Concen: 227.70 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000531.D

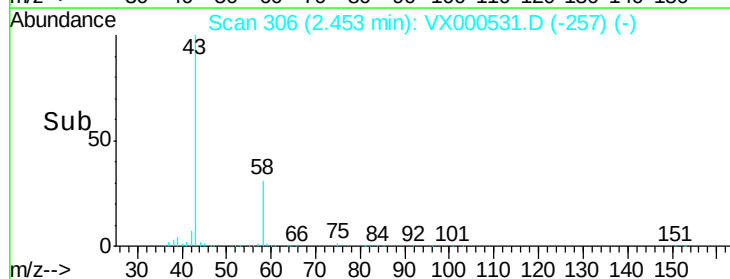
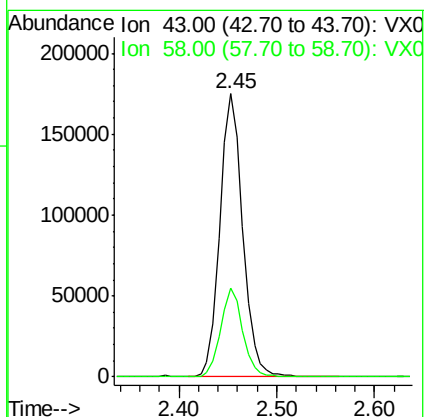
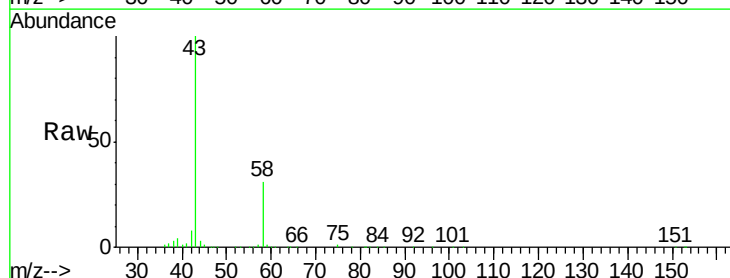
Acq: 29 Mar 2018 23:38

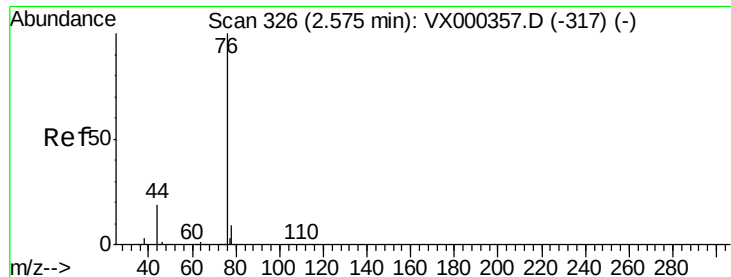
Tgt Ion: 43 Resp: 282134

Ion Ratio Lower Upper

43 100

58 31.3 24.7 37.1





#17

Carbon Disulfide

Concen: 47.91 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

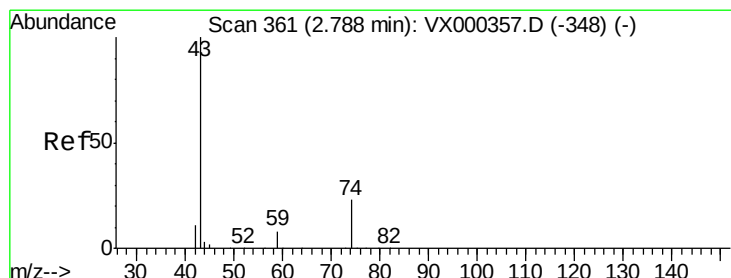
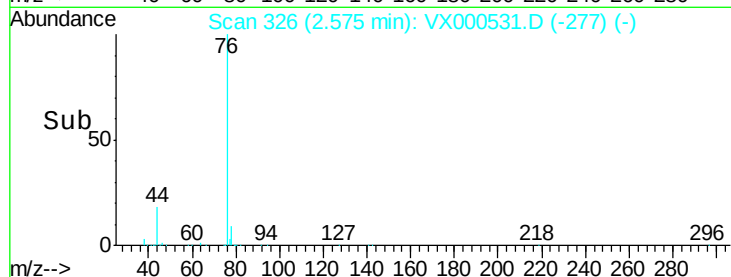
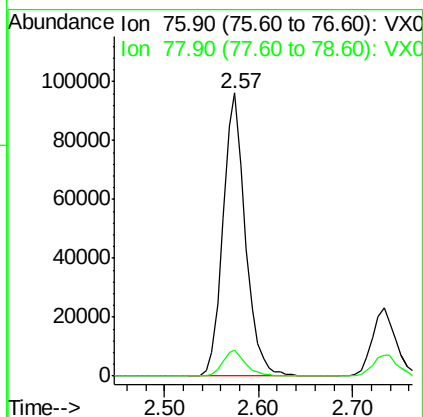
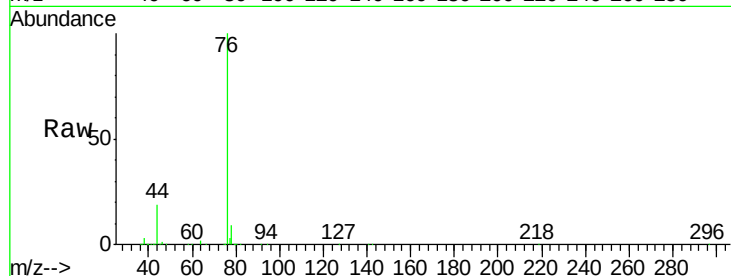
VSTDCCC050

Tgt Ion: 76 Resp: 157610

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6



#18

Methyl Acetate

Concen: 59.78 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX000531.D

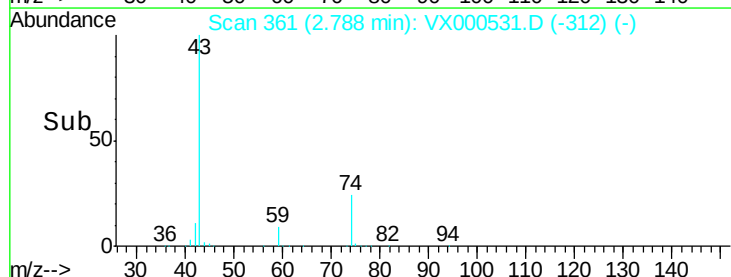
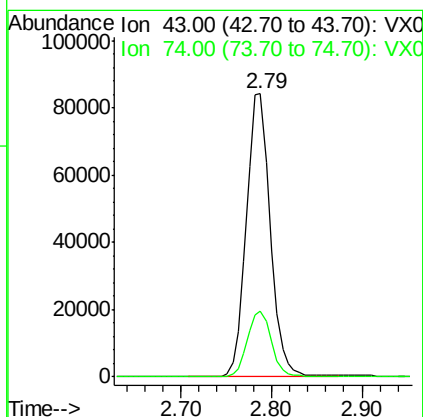
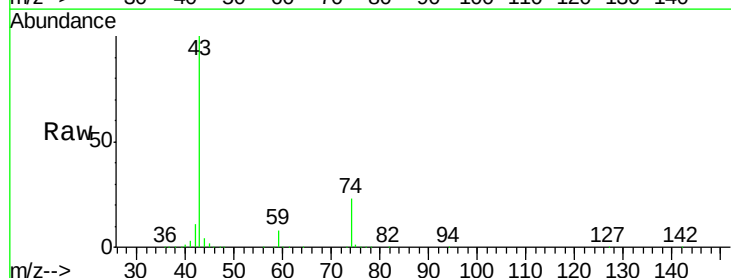
Acq: 29 Mar 2018 23:38

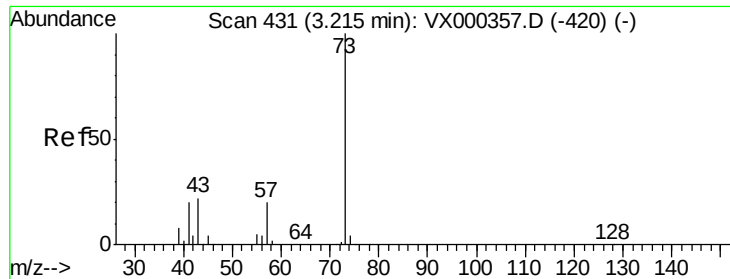
Tgt Ion: 43 Resp: 155285

Ion Ratio Lower Upper

43 100

74 23.1 19.4 29.2

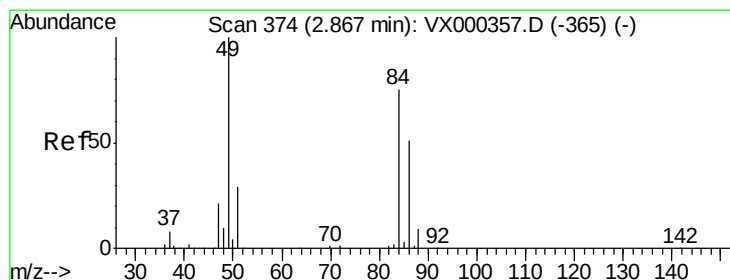
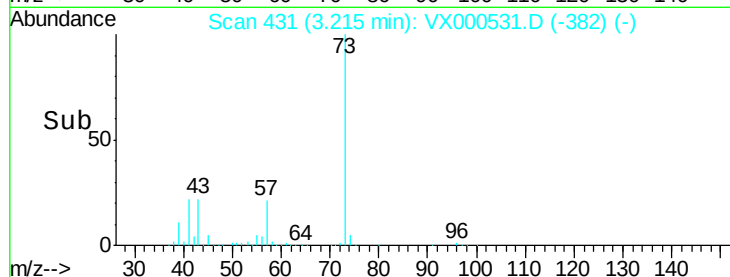
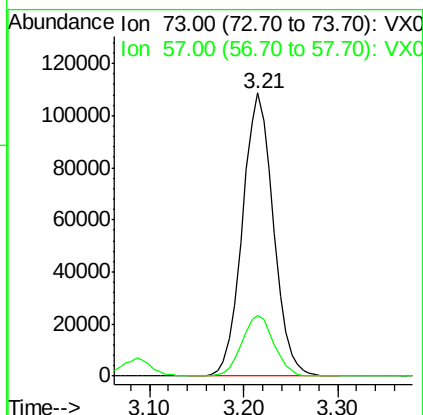
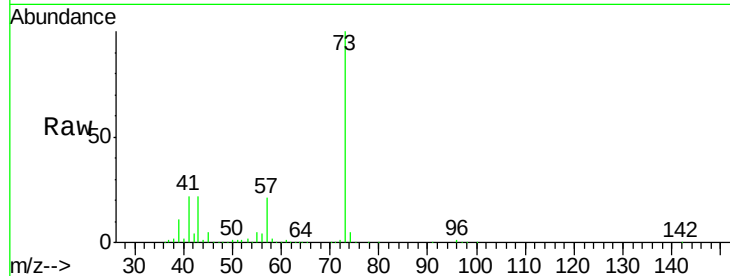




#19
Methyl tert-butyl Ether
Concen: 54.73 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000531.D
Acq: 29 Mar 2018 23:38

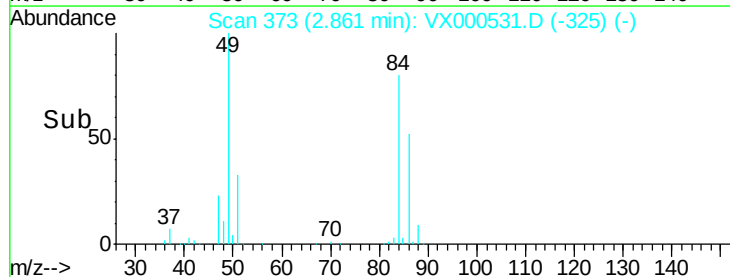
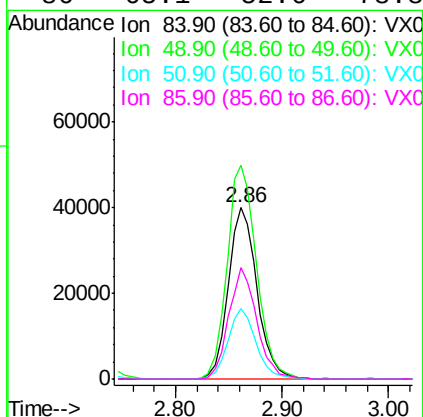
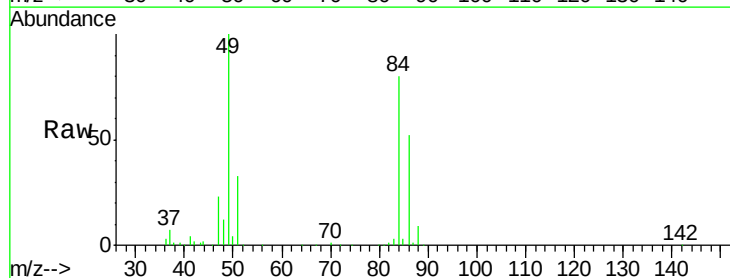
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

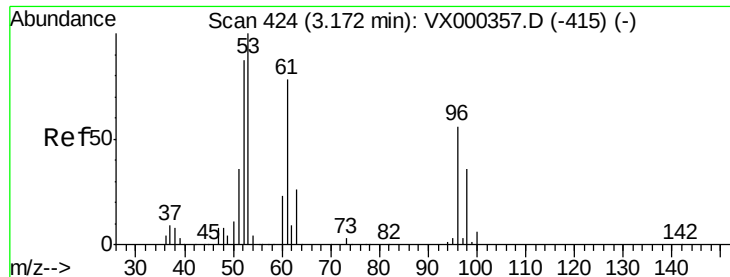
Tgt Ion: 73 Resp: 250352
Ion Ratio Lower Upper
73 100
57 21.2 17.2 25.8



#20
Methylene Chloride
Concen: 52.64 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000531.D
Acq: 29 Mar 2018 23:38

Tgt Ion: 84 Resp: 75334
Ion Ratio Lower Upper
84 100
49 124.8 100.6 151.0
51 40.8 31.6 47.4
86 65.1 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 54.53 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

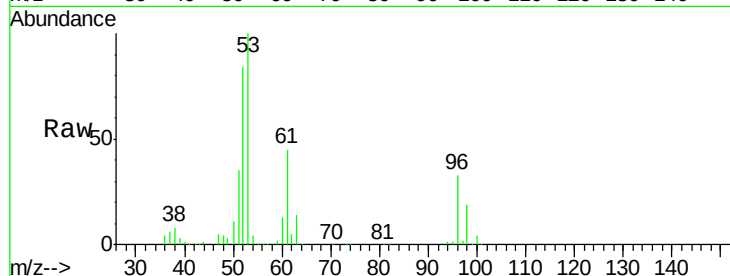
Tgt Ion: 96 Resp: 75233

Ion Ratio Lower Upper

96 100

61 136.8 104.0 156.0

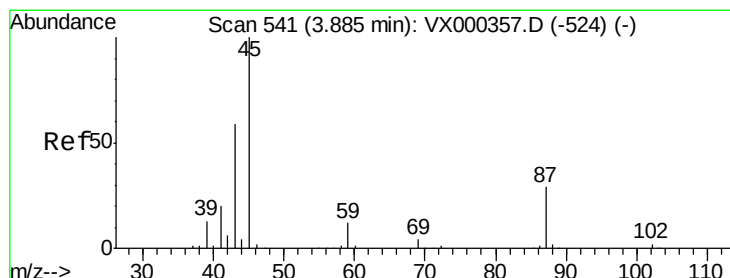
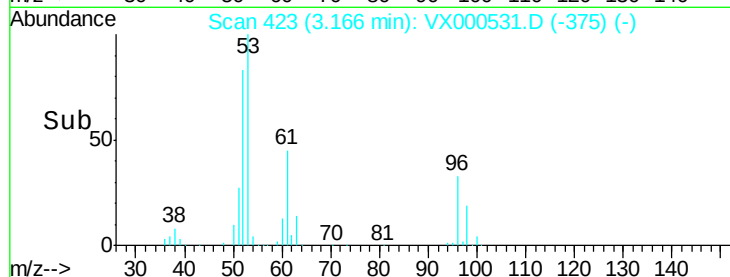
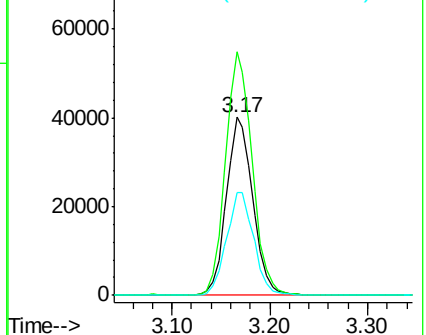
98 58.0 52.1 78.1



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: 45.43 ug/l

RT: 3.89 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

Tgt Ion: 45 Resp: 175661

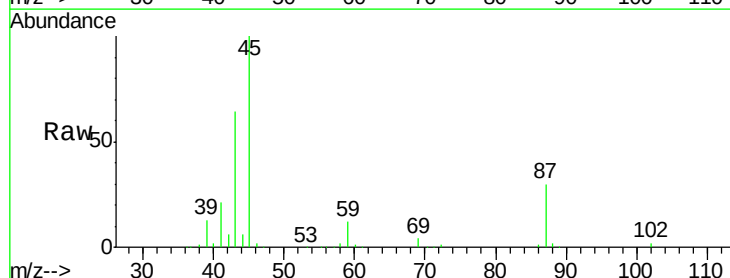
Ion Ratio Lower Upper

45 100

43 63.6 53.9 80.9

87 30.3 22.6 34.0

59 12.0 9.5 14.3

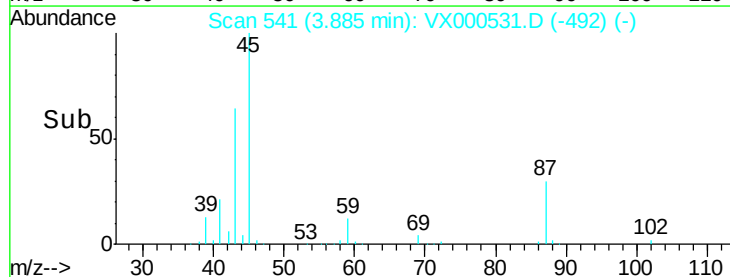
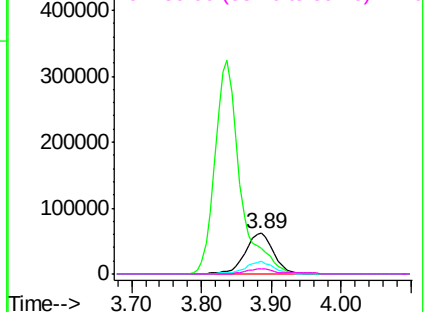


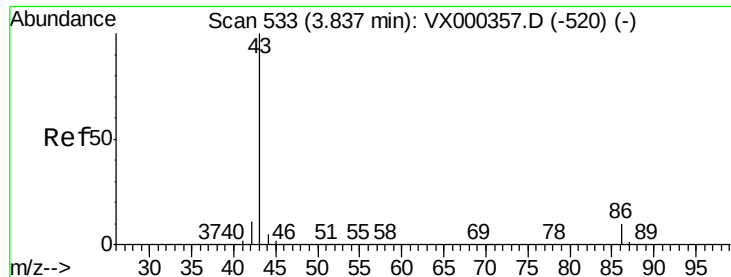
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 221.21 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

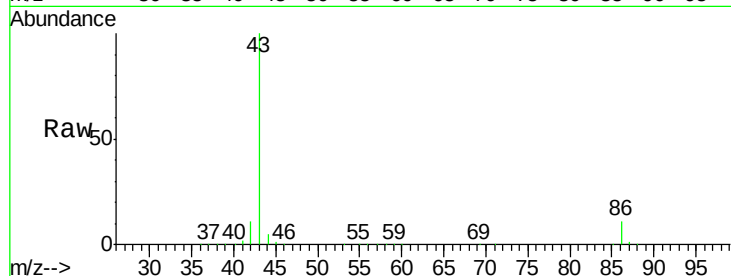
VSTDCCC050

Tgt Ion: 43 Resp: 810771

Ion Ratio Lower Upper

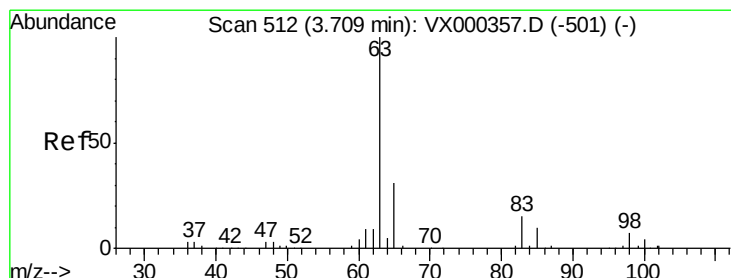
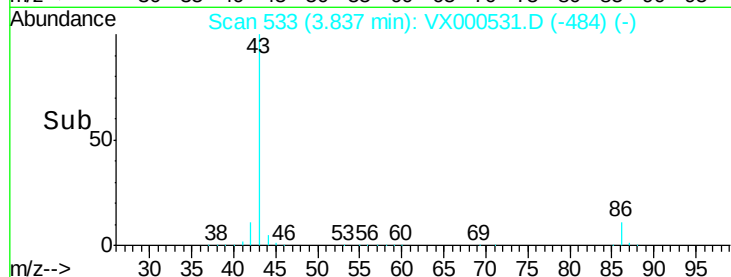
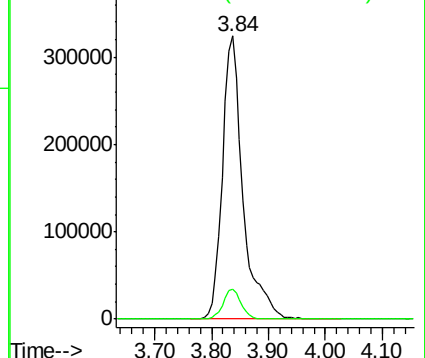
43 100

86 10.5 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: 43.87 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

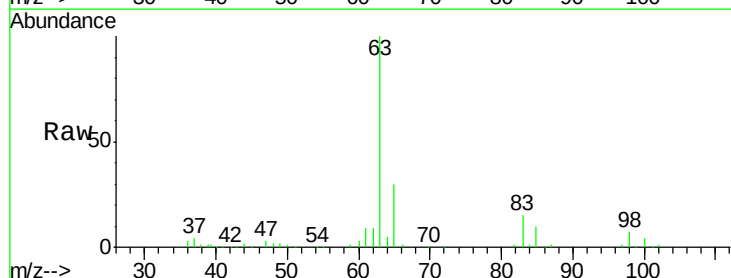
Tgt Ion: 63 Resp: 106646

Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.9

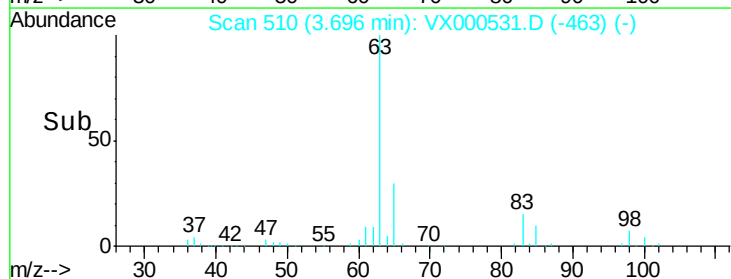
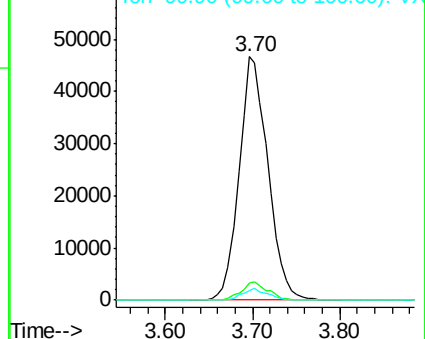
100 4.0 2.0 5.8

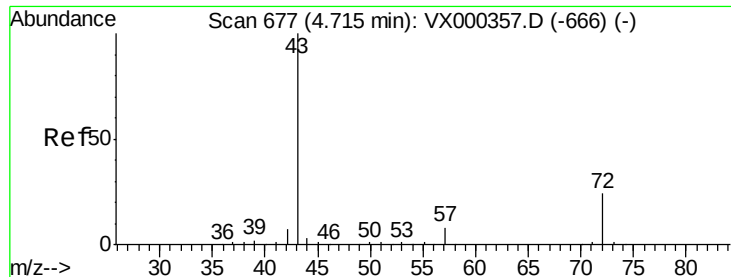


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 237.41 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

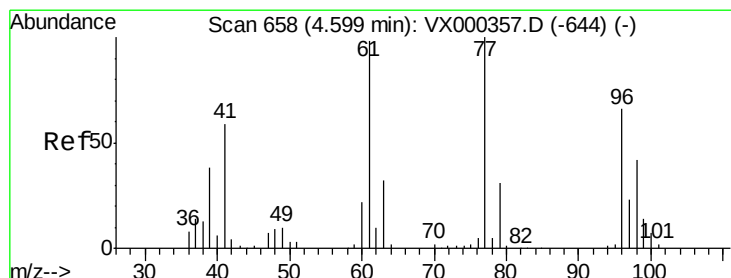
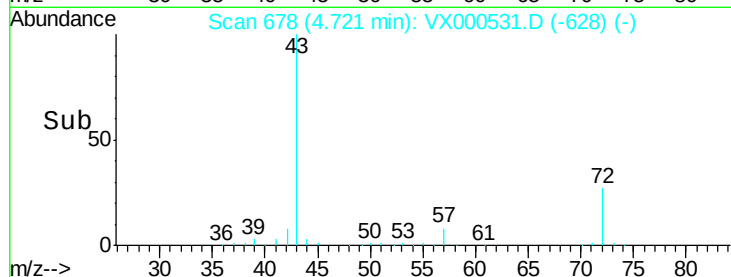
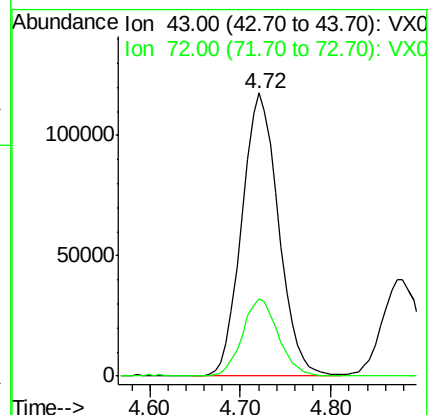
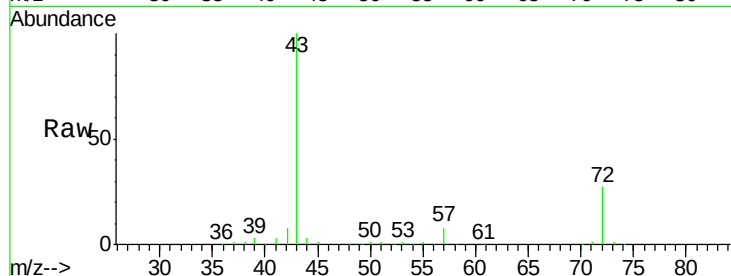
VSTDCCC050

Tgt Ion: 43 Resp: 330646

Ion Ratio Lower Upper

43 100

72 27.4 21.0 31.6



#26

2,2-Dichloropropane

Concen: 43.06 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000531.D

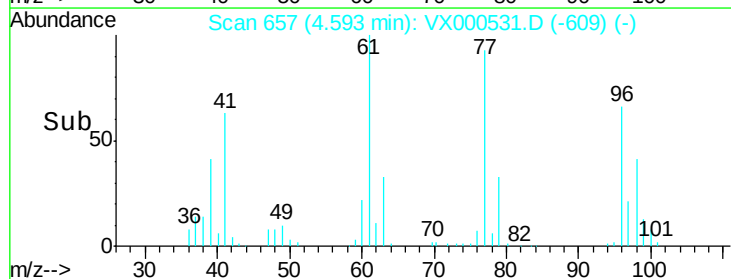
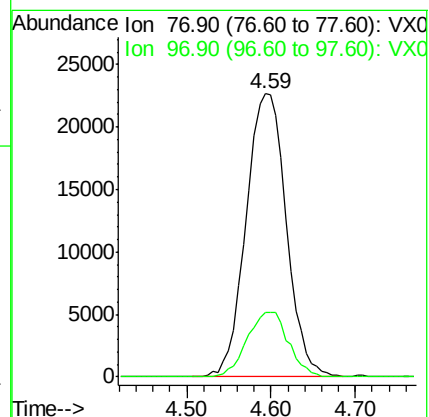
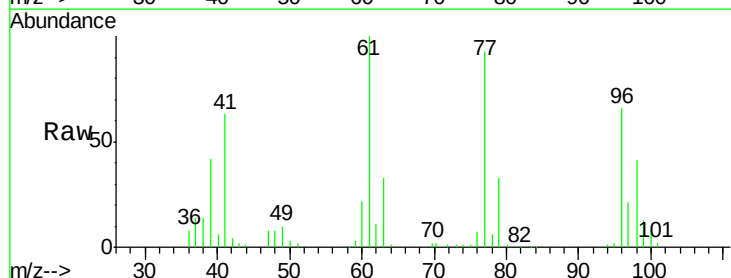
Acq: 29 Mar 2018 23:38

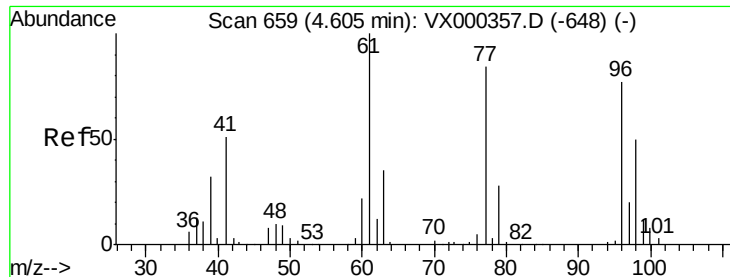
Tgt Ion: 77 Resp: 73360

Ion Ratio Lower Upper

77 100

97 23.4 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 49.57 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

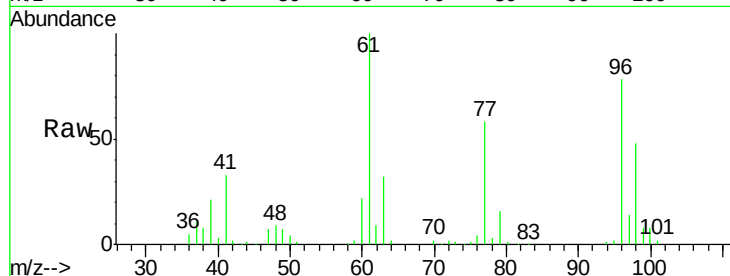
Tgt Ion: 96 Resp: 63915

Ion Ratio Lower Upper

96 100

61 138.7 0.0 291.6

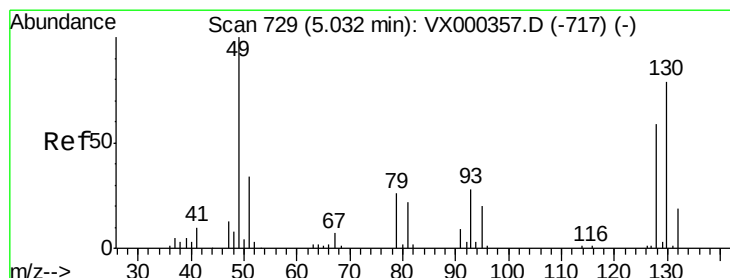
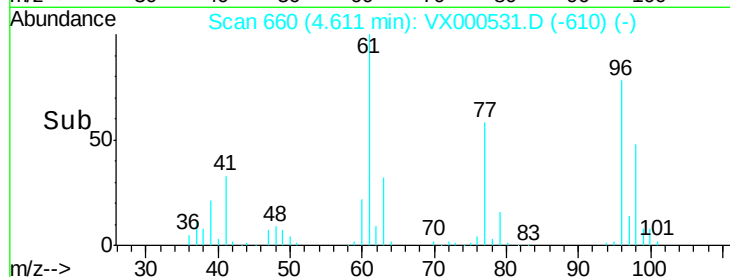
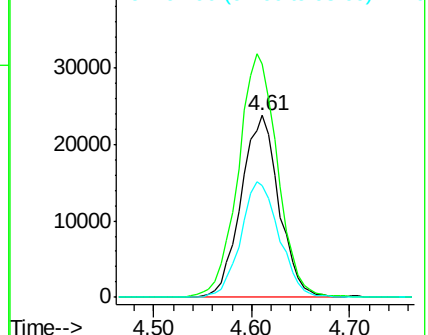
98 64.3 0.0 132.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 48.47 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

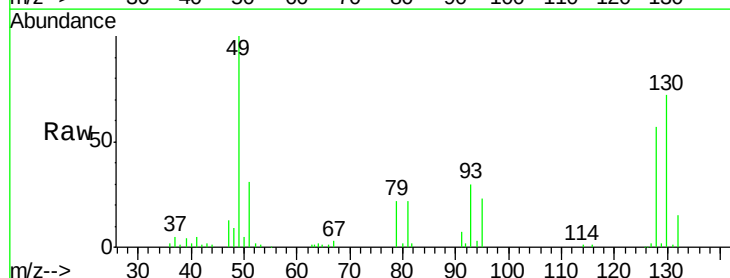
Tgt Ion: 49 Resp: 48590

Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.0

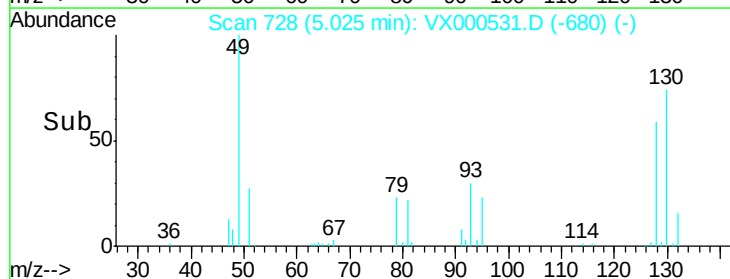
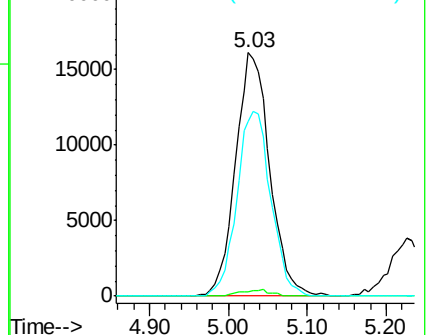
130 75.2 64.0 96.0

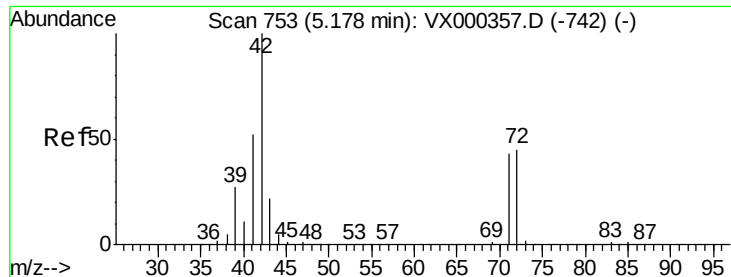


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 256.80 ug/l

RT: 5.18 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

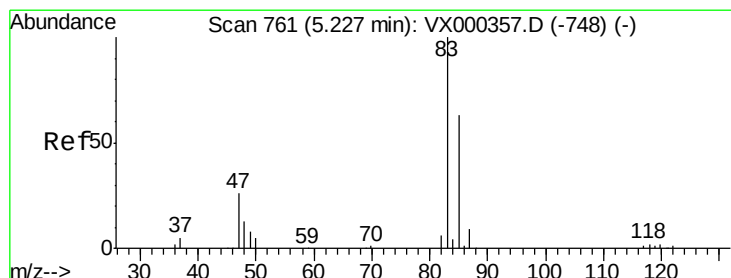
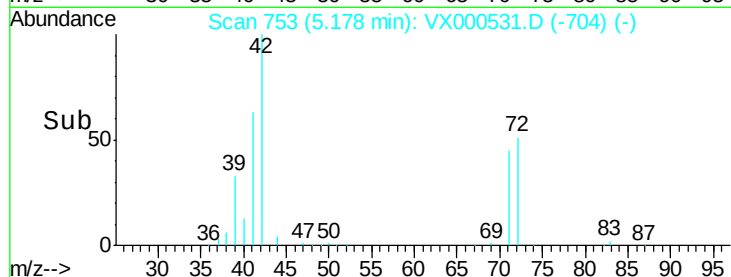
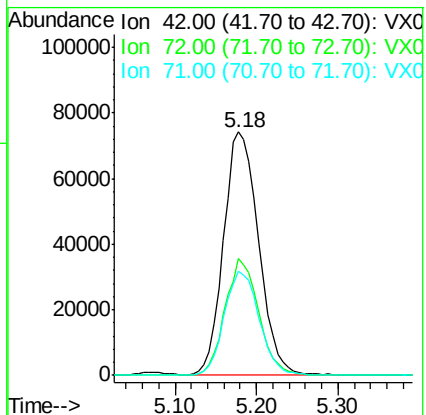
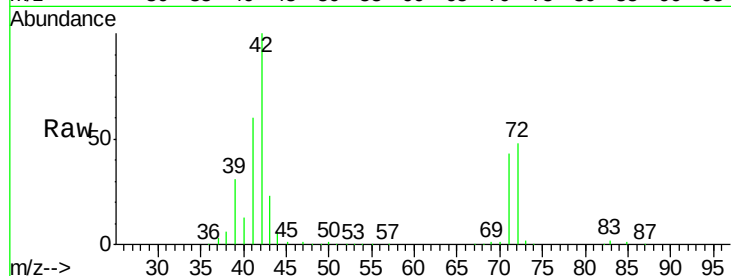
Tgt Ion: 42 Resp: 220053

Ion Ratio Lower Upper

42 100

72 46.2 37.9 56.9

71 42.9 34.4 51.6



#30

Chloroform

Concen: 52.05 ug/l

RT: 5.23 min Scan# 762

Delta R.T. 0.01 min

Lab File: VX000531.D

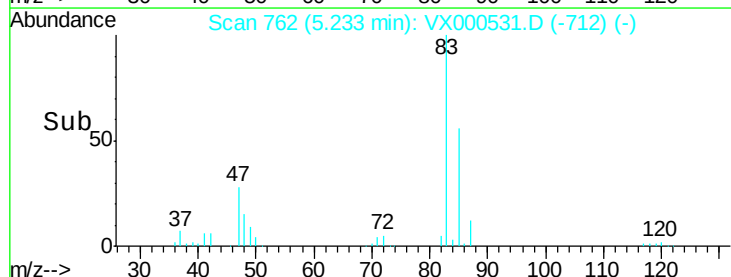
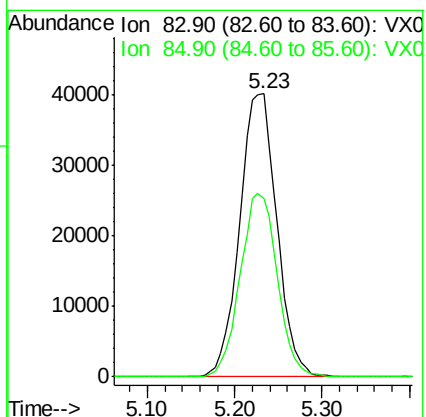
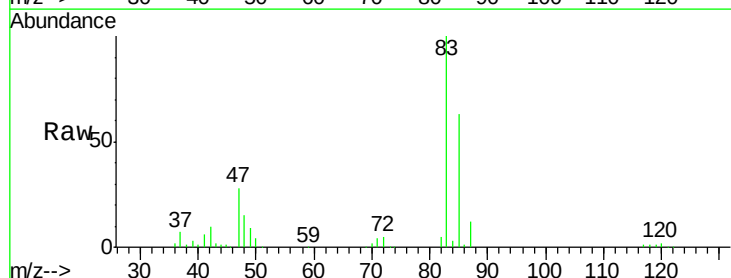
Acq: 29 Mar 2018 23:38

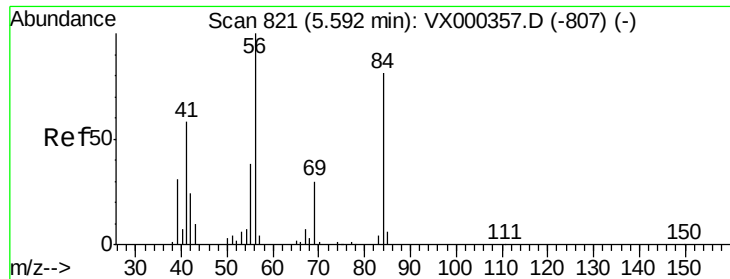
Tgt Ion: 83 Resp: 118577

Ion Ratio Lower Upper

83 100

85 63.1 53.3 79.9

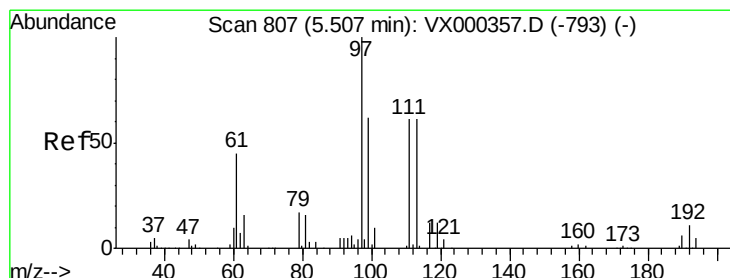
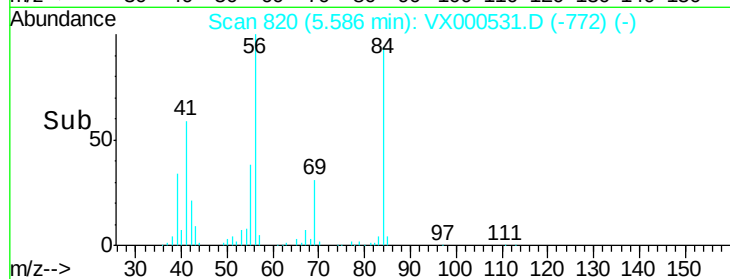
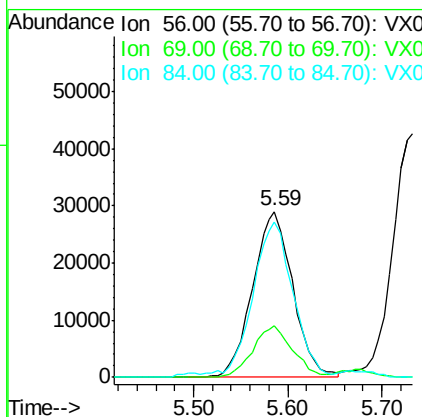
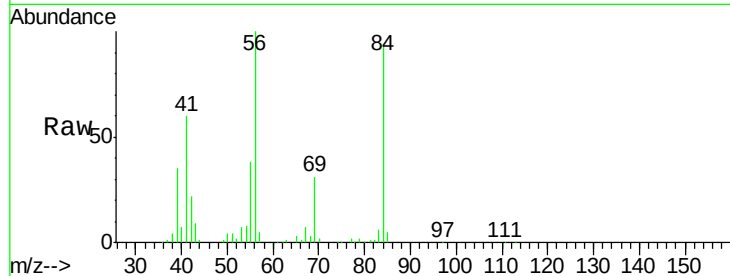




#31
Cyclohexane
Concen: 46.10 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.01 min
Lab File: VX000531.D
Acq: 29 Mar 2018 23:38

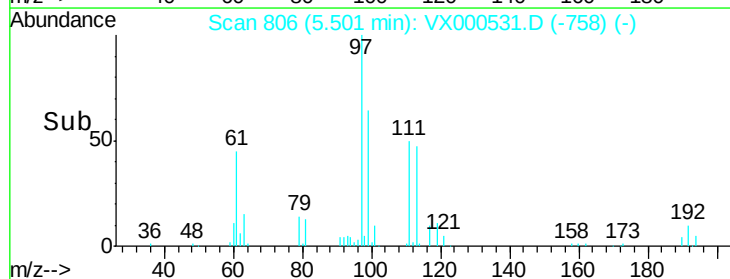
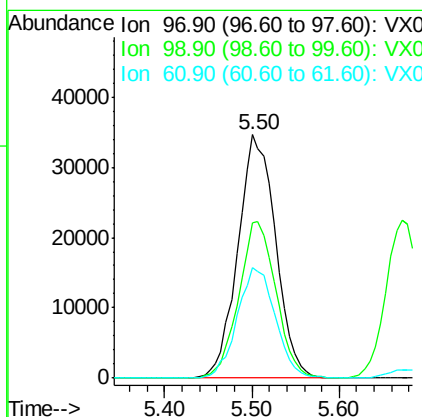
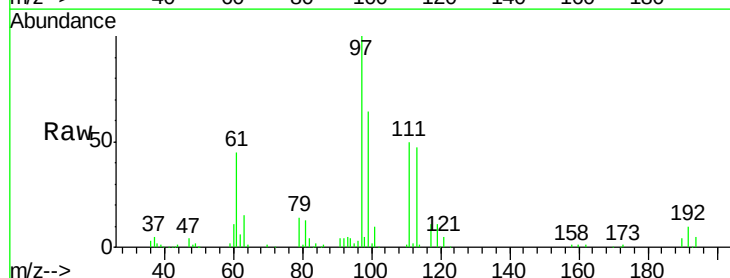
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

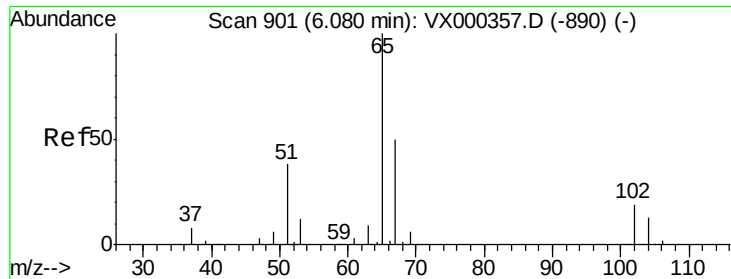
Tgt Ion: 56 Resp: 86624
Ion Ratio Lower Upper
56 100
69 31.3 23.4 35.0
84 91.3 71.0 106.4



#32
1,1,1-Trichloroethane
Concen: 50.52 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000531.D
Acq: 29 Mar 2018 23:38

Tgt Ion: 97 Resp: 103830
Ion Ratio Lower Upper
97 100
99 63.4 52.1 78.1
61 45.8 36.2 54.4

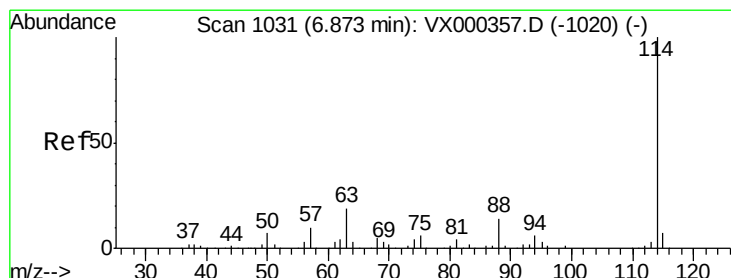
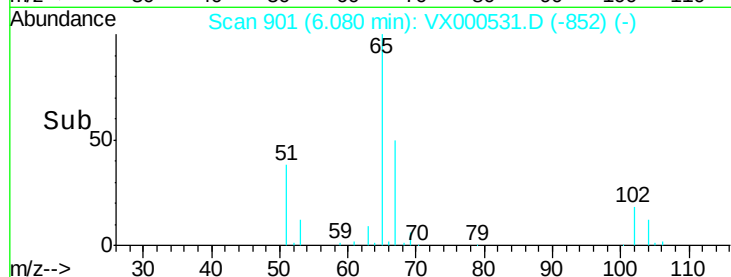
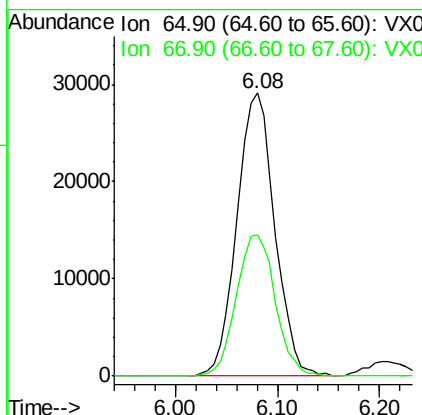
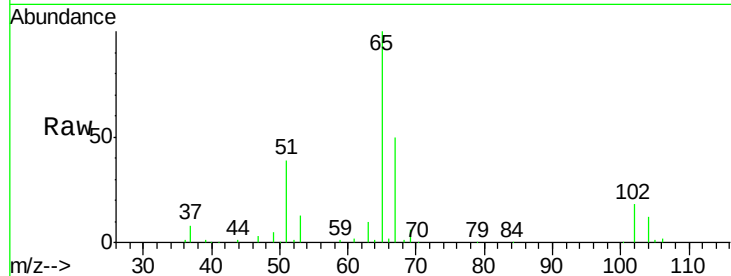




#33
 1,2-Dichloroethane-d4
 Concen: 50.40 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000531.D
 Acq: 29 Mar 2018 23:38

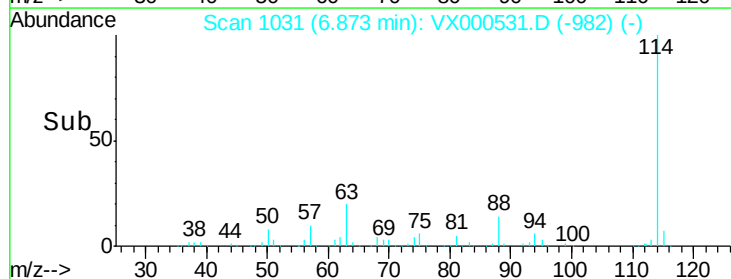
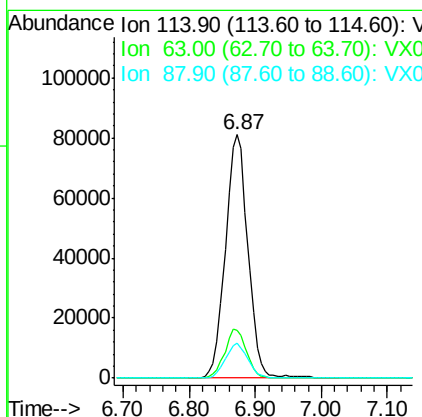
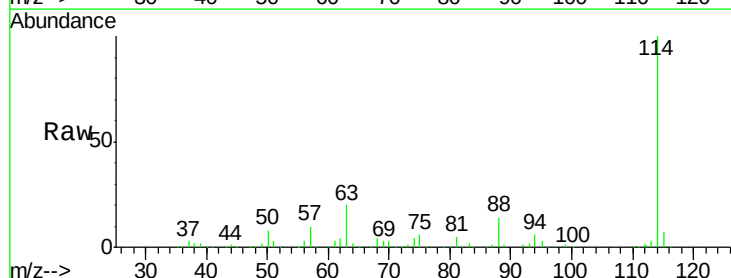
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

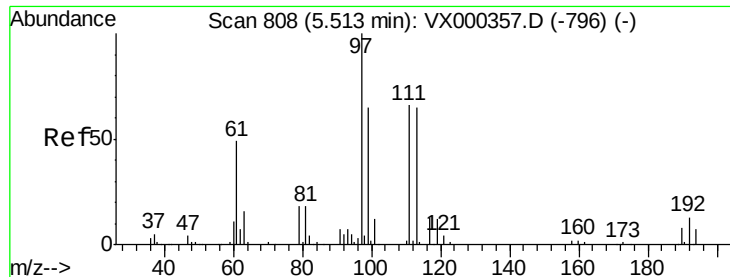
Tgt Ion: 65 Resp: 75076
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000531.D
 Acq: 29 Mar 2018 23:38

Tgt Ion: 114 Resp: 191485
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.4
 88 14.3 0.0 27.0





#35

Dibromofluoromethane

Concen: 49.13 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

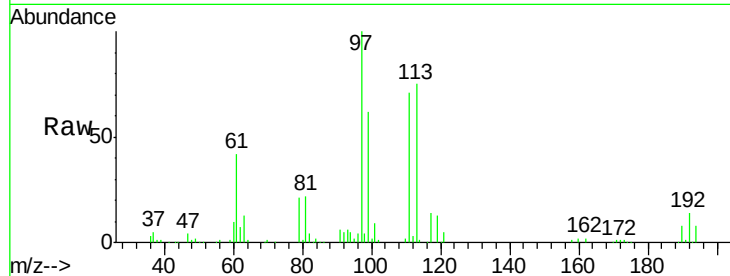
Tgt Ion:113 Resp: 59281

Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

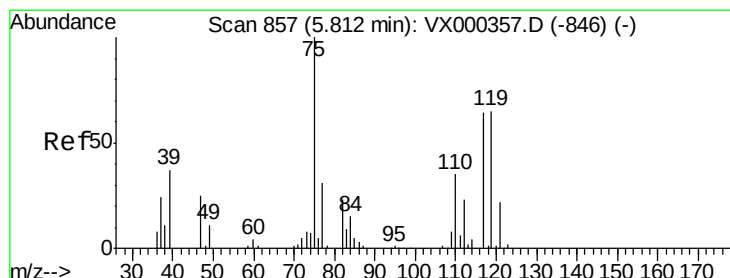
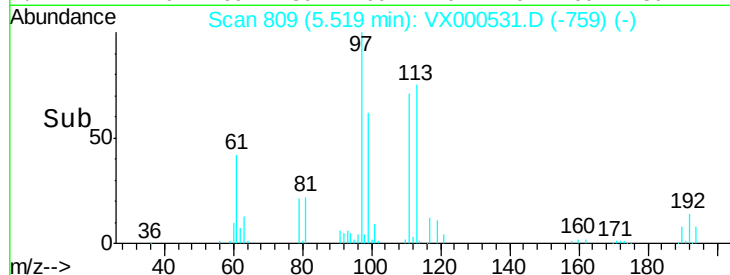
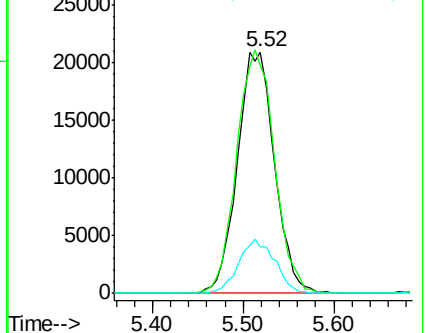
192 21.8 15.8 23.6



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: 46.96 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

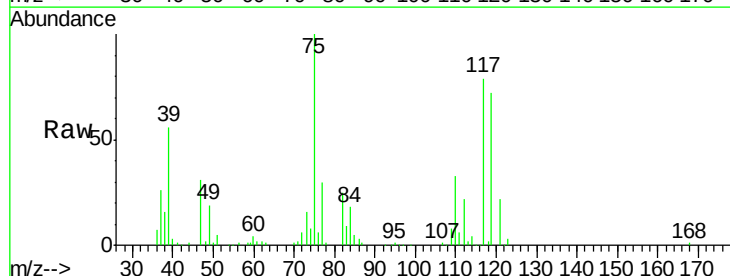
Tgt Ion: 75 Resp: 84236

Ion Ratio Lower Upper

75 100

110 36.5 17.9 53.7

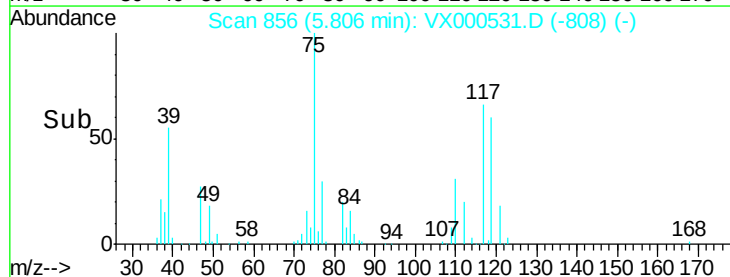
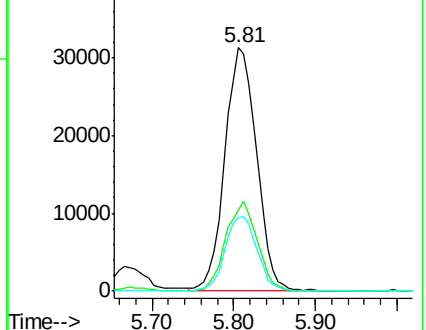
77 30.7 24.0 36.0

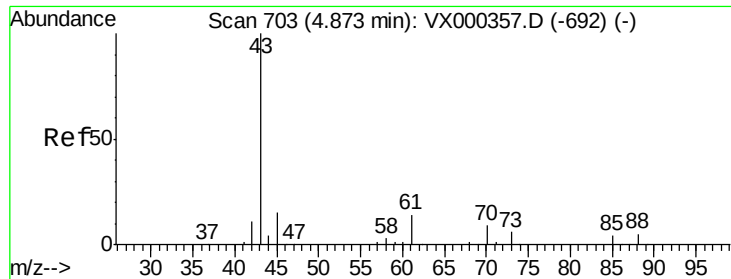


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

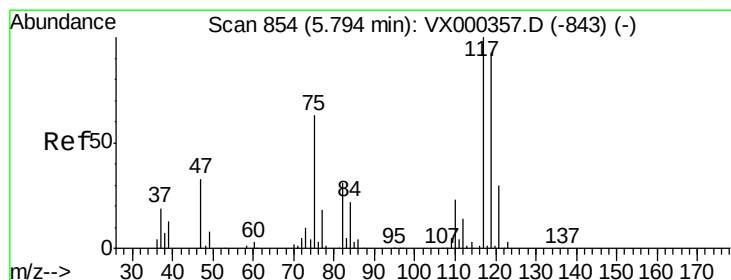
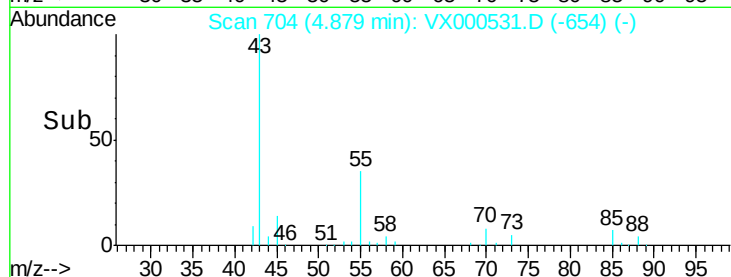
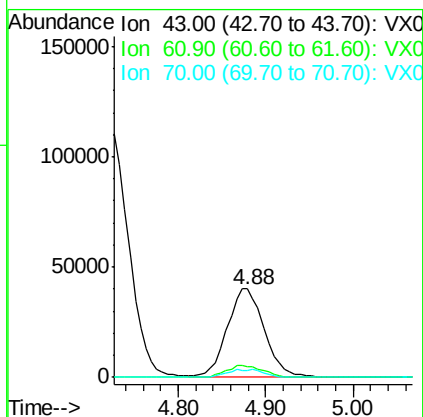
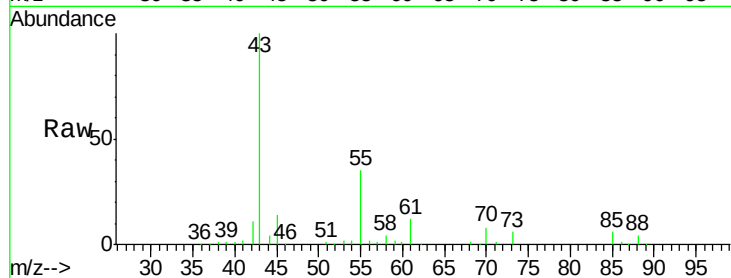




#37
Ethyl Acetate
Concen: 47.83 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000531.D
Acq: 29 Mar 2018 23:38

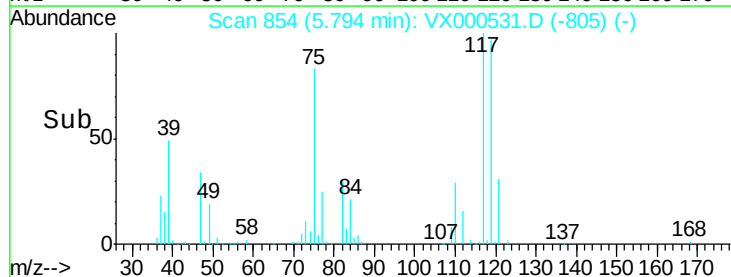
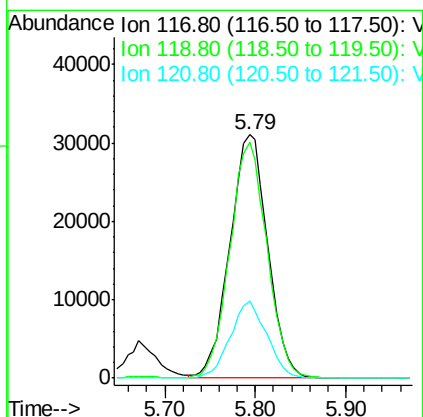
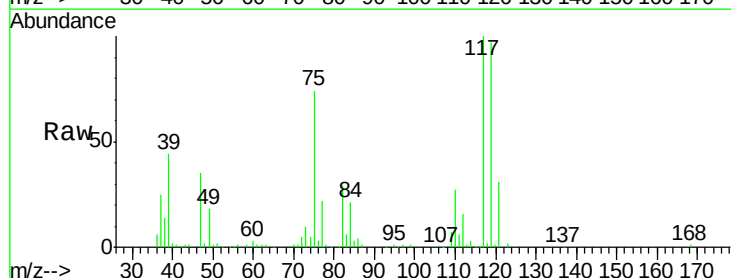
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

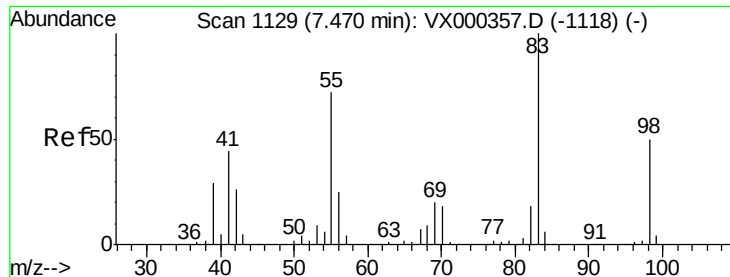
Tgt Ion: 43 Resp: 117193
Ion Ratio Lower Upper
43 100
61 13.7 11.1 16.7
70 9.2 7.7 11.5



#38
Carbon Tetrachloride
Concen: 47.82 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000531.D
Acq: 29 Mar 2018 23:38

Tgt Ion: 117 Resp: 89987
Ion Ratio Lower Upper
117 100
119 97.1 77.4 116.2
121 31.5 24.8 37.2

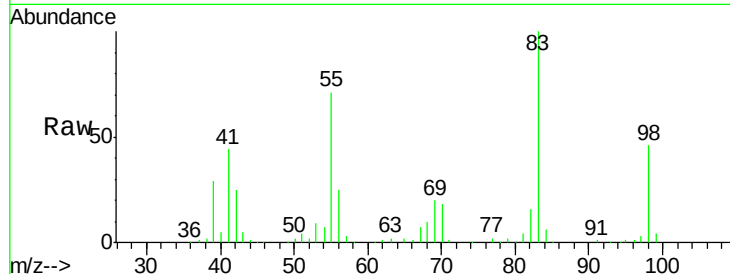




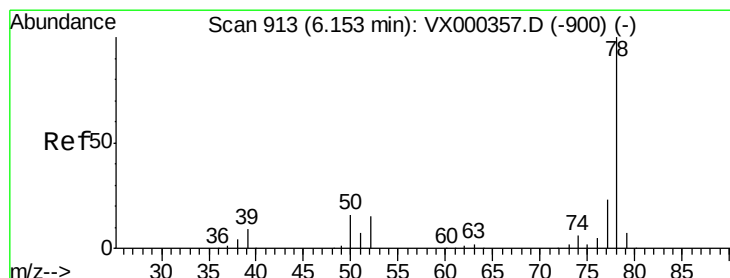
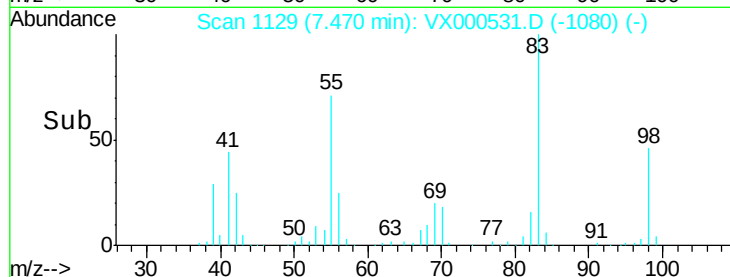
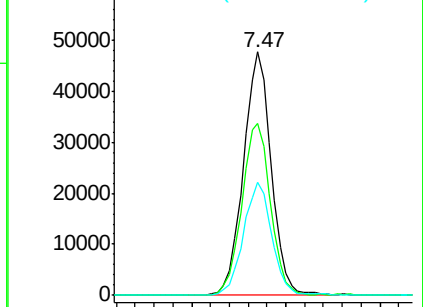
#39
Methylcyclohexane
Concen: 45.26 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000531.D
Acq: 29 Mar 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 98733
Ion Ratio Lower Upper
83 100
55 70.8 55.5 83.3
98 46.2 38.2 57.4

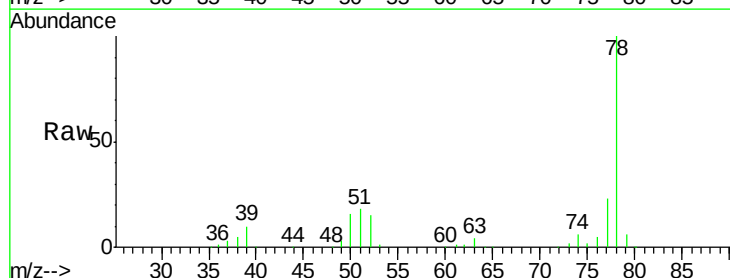


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

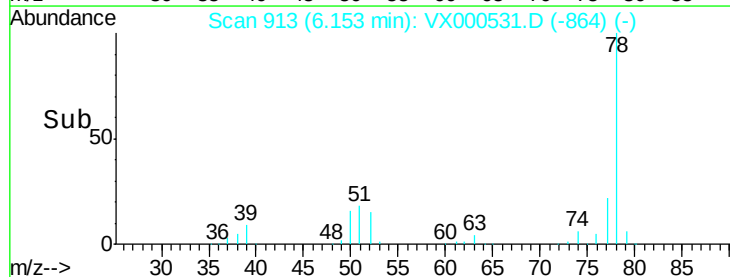
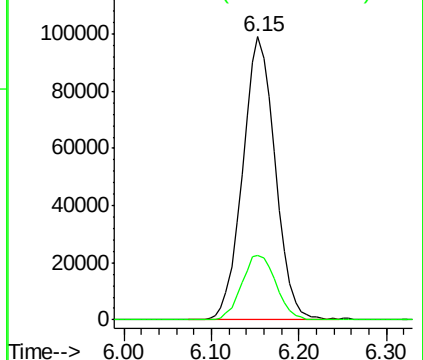


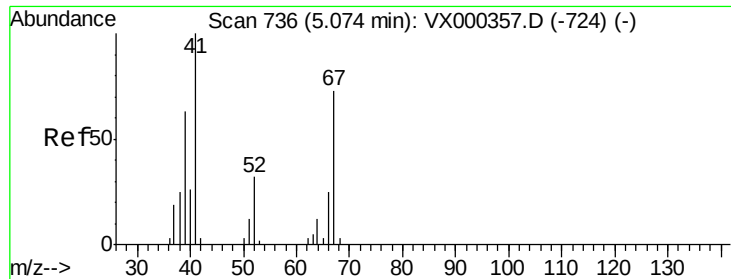
#40
Benzene
Concen: 48.97 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000531.D
Acq: 29 Mar 2018 23:38

Tgt Ion: 78 Resp: 255085
Ion Ratio Lower Upper
78 100
77 22.8 18.7 28.1



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

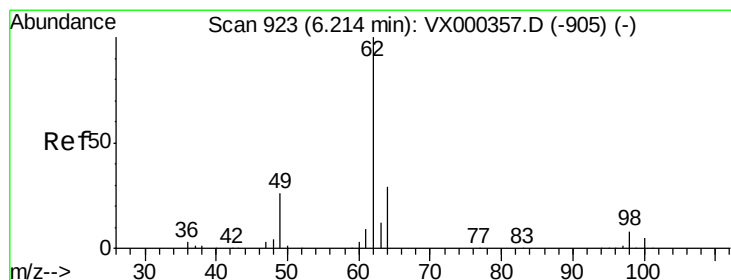
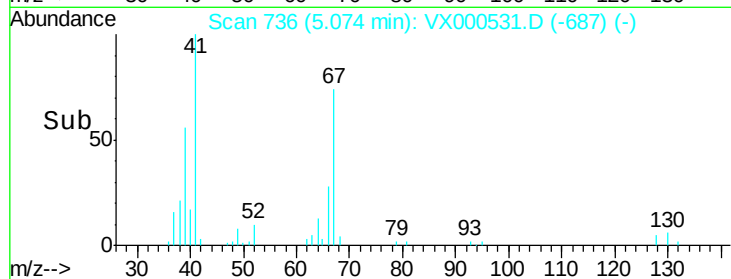
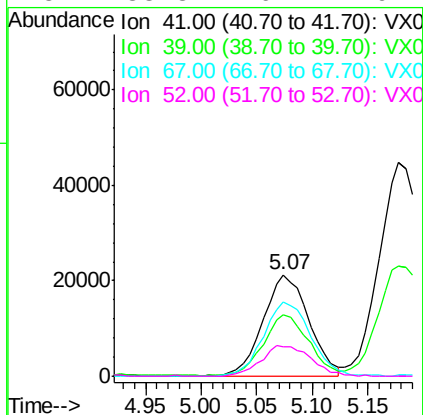
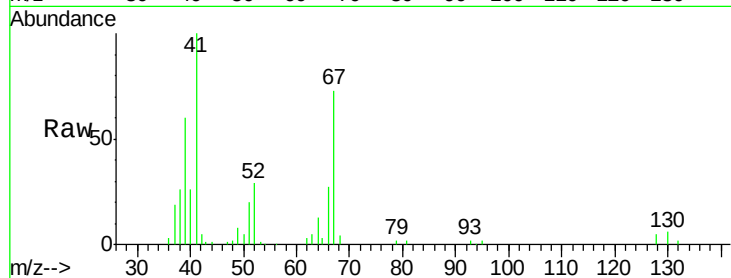




#41
Methacrylonitrile
Concen: 47.03 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000531.D
Acq: 29 Mar 2018 23:38

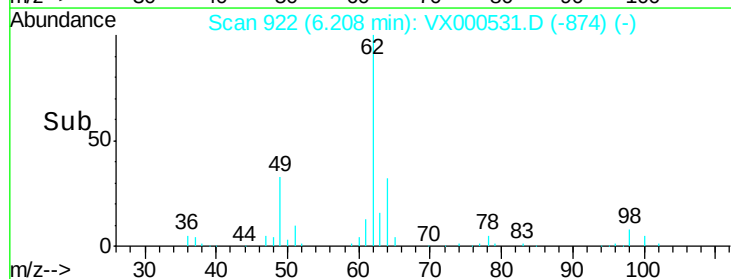
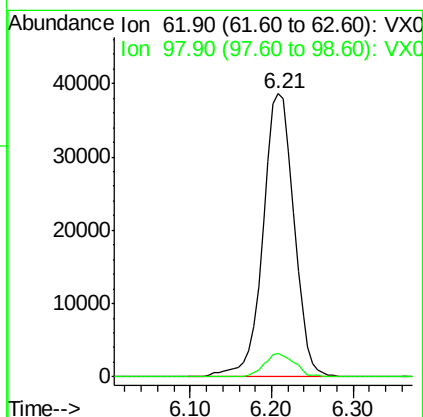
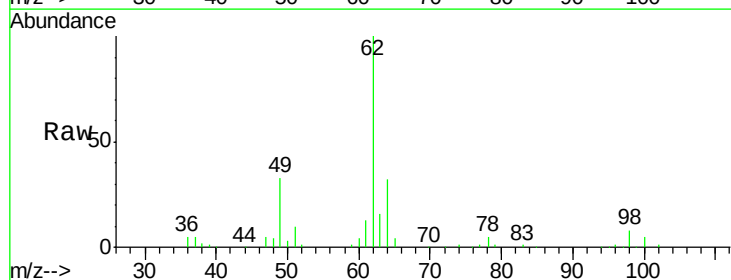
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

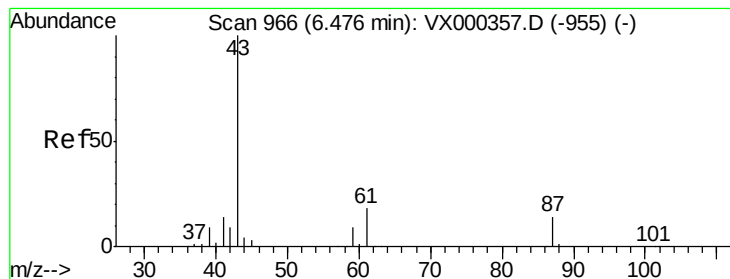
Tgt Ion:	41	Resp:	60749
Ion	Ratio	Lower	Upper
41	100		
39	59.3	45.7	68.5
67	75.5	57.8	86.8
52	33.3	26.7	40.1



#42
1,2-Dichloroethane
Concen: 49.93 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000531.D
Acq: 29 Mar 2018 23:38

Tgt Ion:	62	Resp:	102033
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	15.8





#43

Isopropyl Acetate

Concen: 49.22 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

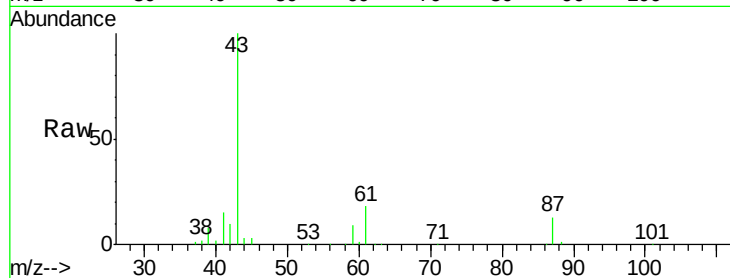
Tgt Ion: 43 Resp: 179524

Ion Ratio Lower Upper

43 100

61 18.6 14.4 21.6

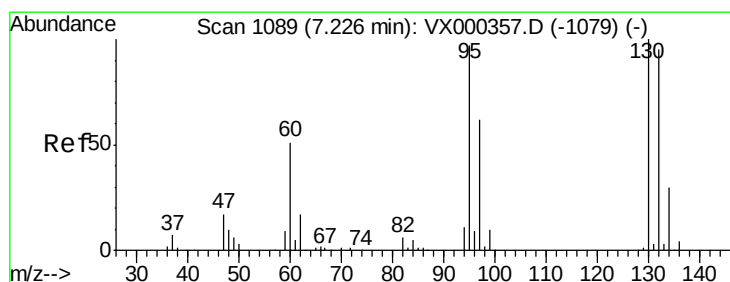
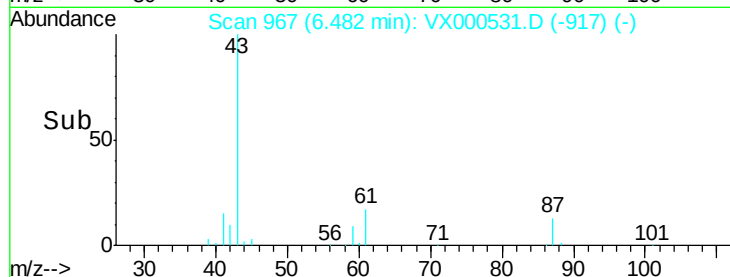
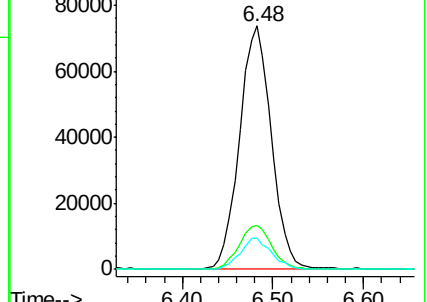
87 12.8 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.60 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000531.D

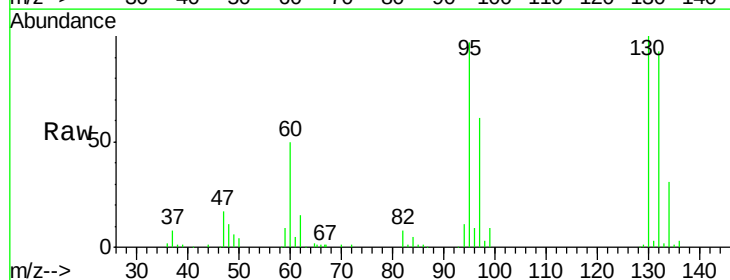
Acq: 29 Mar 2018 23:38

Tgt Ion:130 Resp: 72526

Ion Ratio Lower Upper

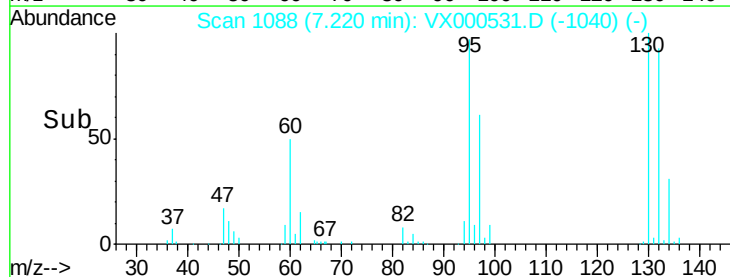
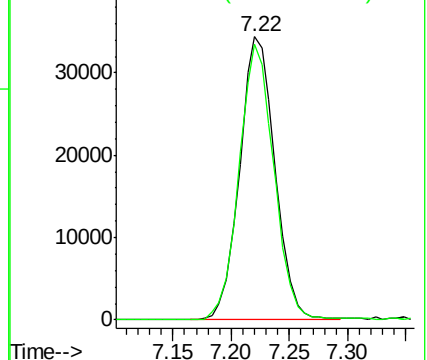
130 100

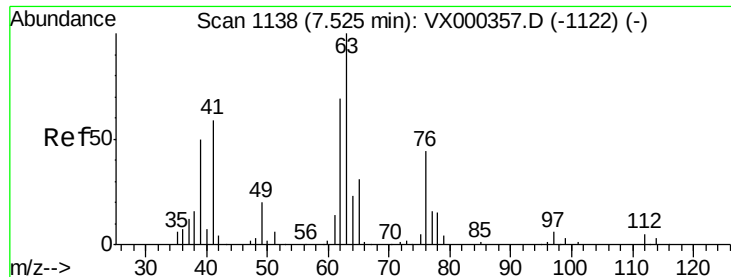
95 97.4 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

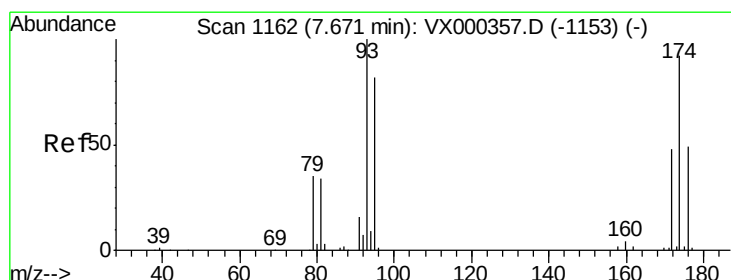
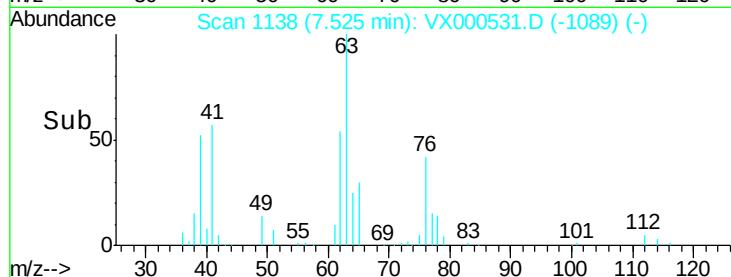
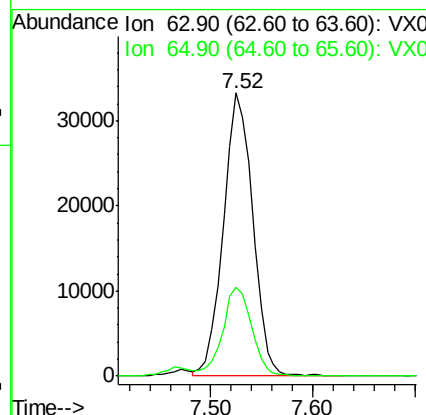
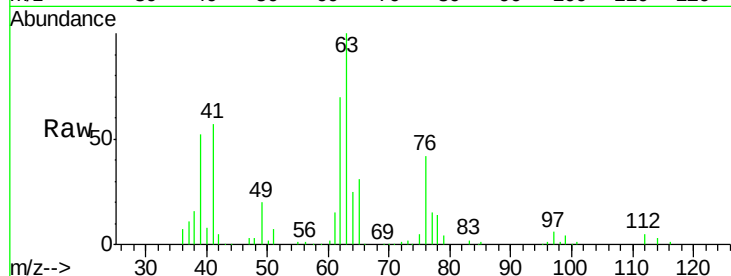




#45
 1,2-Dichloropropane
 Concen: 50.10 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000531.D
 Acq: 29 Mar 2018 23:38

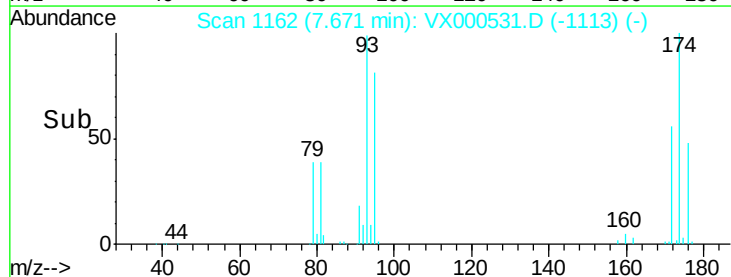
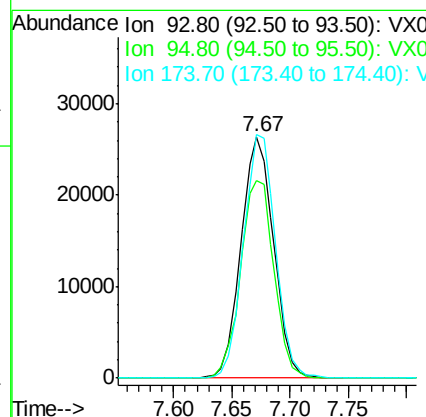
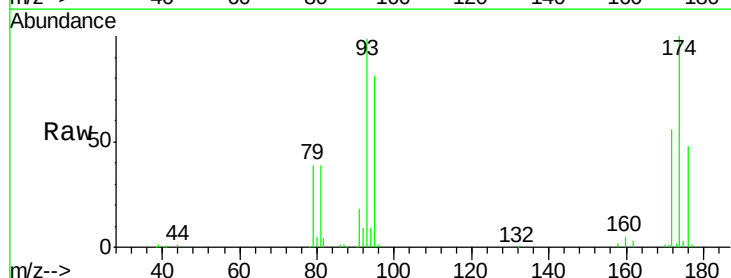
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

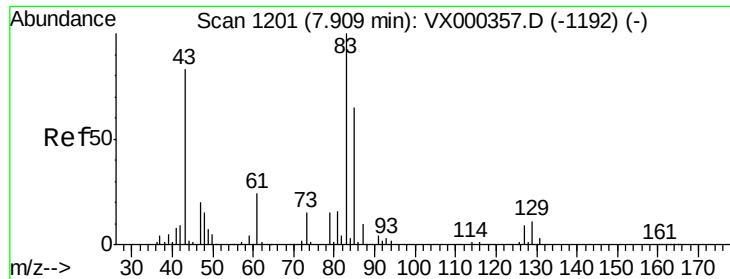
Tgt Ion: 63 Resp: 66801
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.6 36.8



#46
 Dibromomethane
 Concen: 49.21 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000531.D
 Acq: 29 Mar 2018 23:38

Tgt Ion: 93 Resp: 51498
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.5 99.7
 174 99.1 76.0 114.0





#47

Bromodichloromethane

Concen: 51.29 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

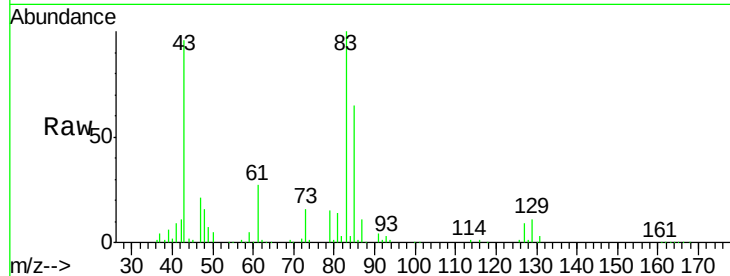
Tgt Ion: 83 Resp: 94443

Ion Ratio Lower Upper

83 100

85 64.8 51.4 77.0

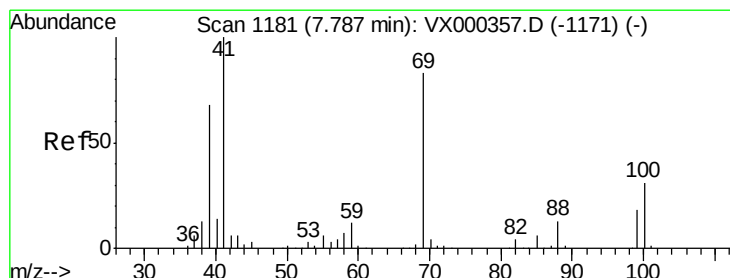
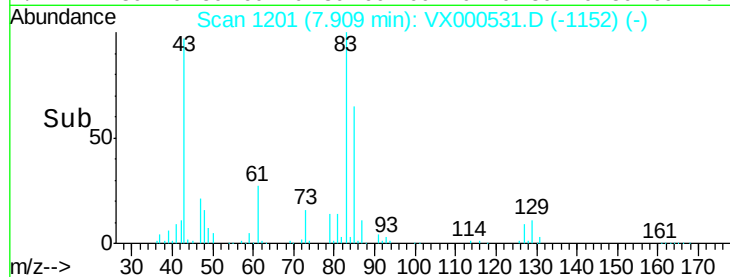
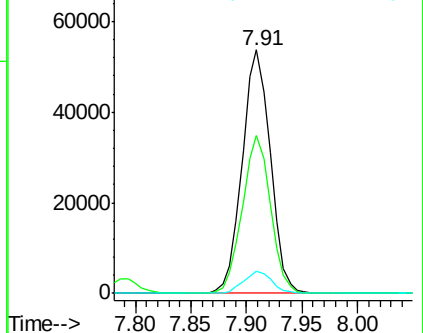
127 9.2 7.0 10.6



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: 50.50 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

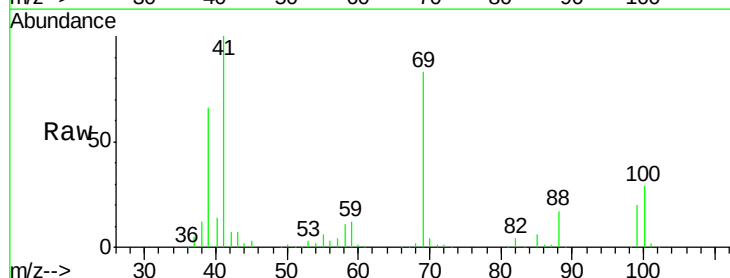
Tgt Ion: 41 Resp: 89416

Ion Ratio Lower Upper

41 100

69 86.9 68.2 102.4

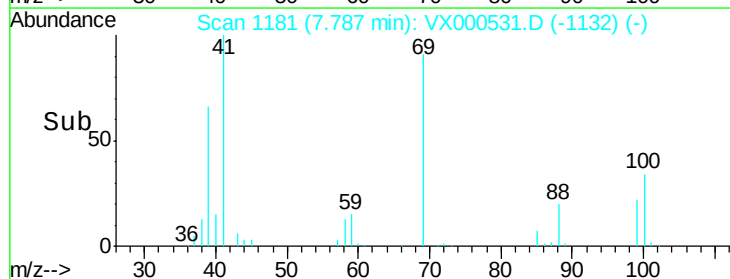
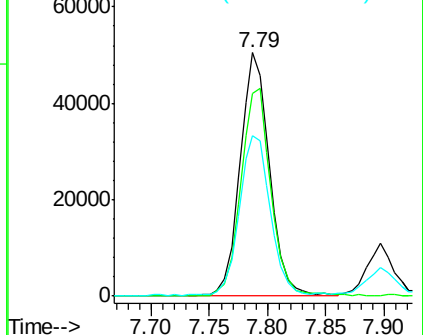
39 68.0 54.6 81.8

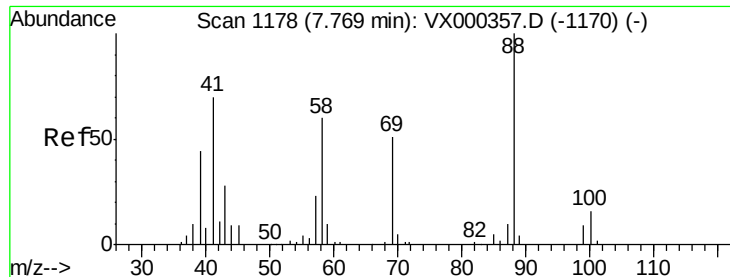


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

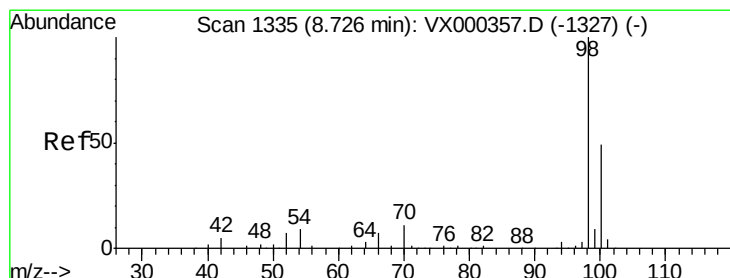
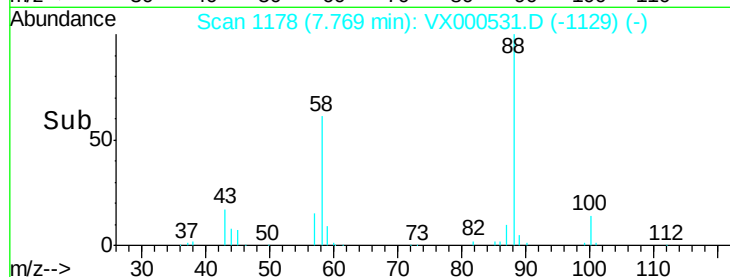
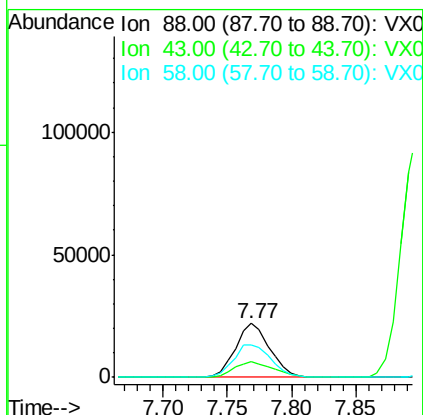
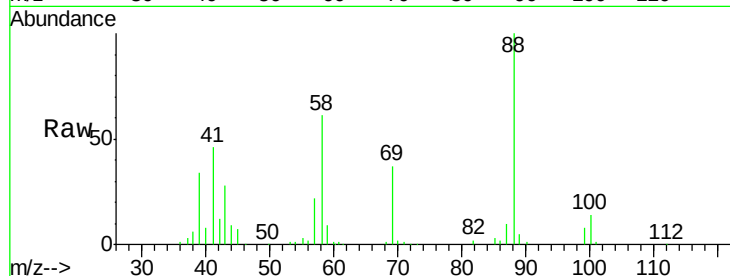




#49
1,4-Dioxane
Concen: 1091.63 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000531.D
Acq: 29 Mar 2018 23:38

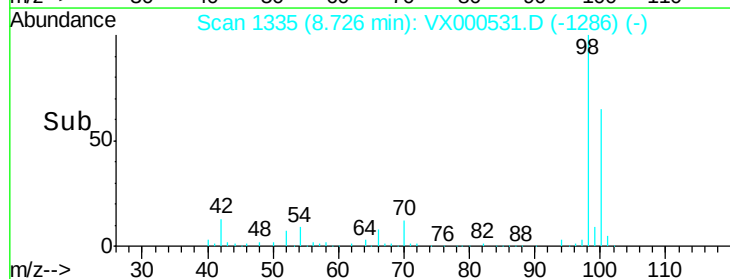
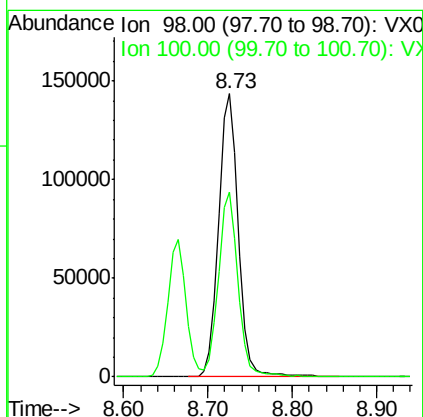
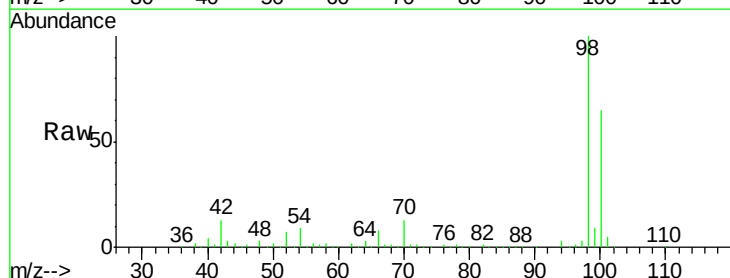
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

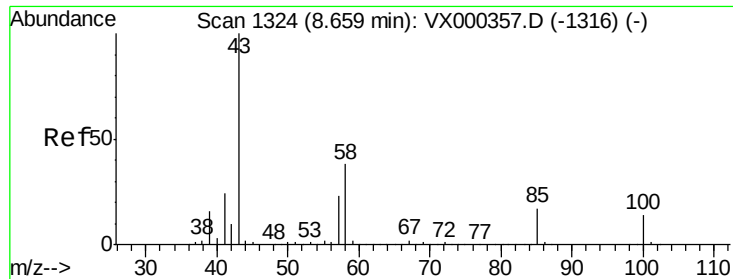
Tgt Ion: 88 Resp: 40628
Ion Ratio Lower Upper
88 100
43 33.9 26.8 40.2
58 66.5 52.2 78.2



#50
Toluene-d8
Concen: 46.54 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000531.D
Acq: 29 Mar 2018 23:38

Tgt Ion: 98 Resp: 232558
Ion Ratio Lower Upper
98 100
100 64.5 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 256.60 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

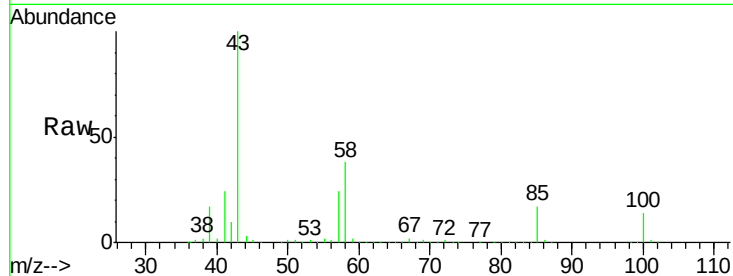
VSTDCCC050

Tgt Ion: 43 Resp: 724365

Ion Ratio Lower Upper

43 100

58 37.2 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

400000

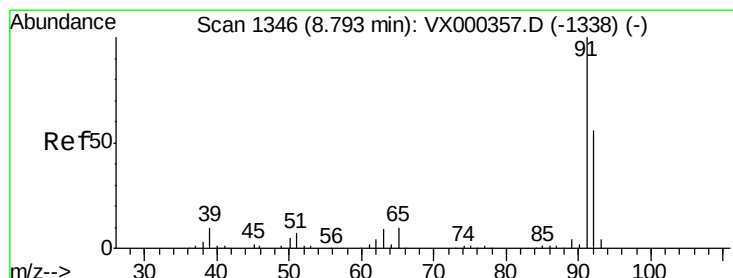
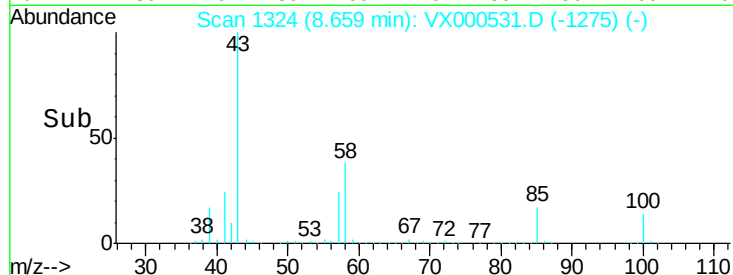
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.99 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000531.D

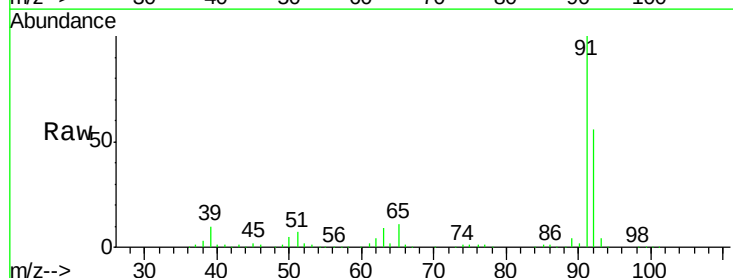
Acq: 29 Mar 2018 23:38

Tgt Ion: 92 Resp: 178396

Ion Ratio Lower Upper

92 100

91 178.6 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

200000

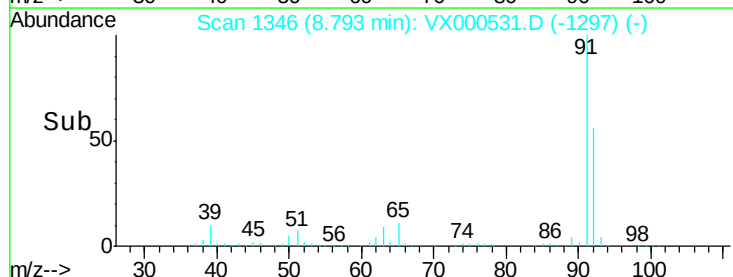
150000

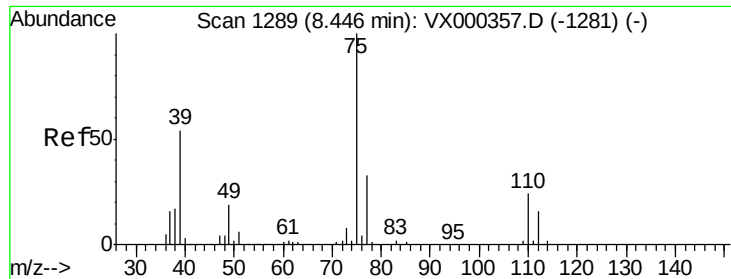
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.09 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

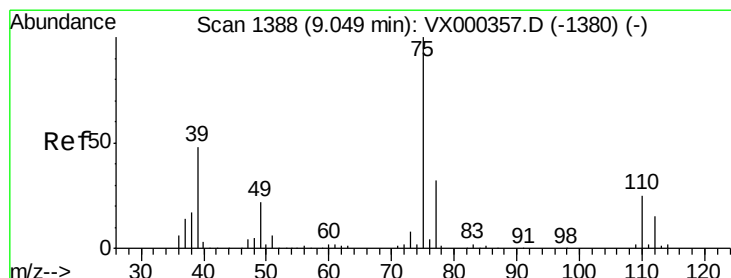
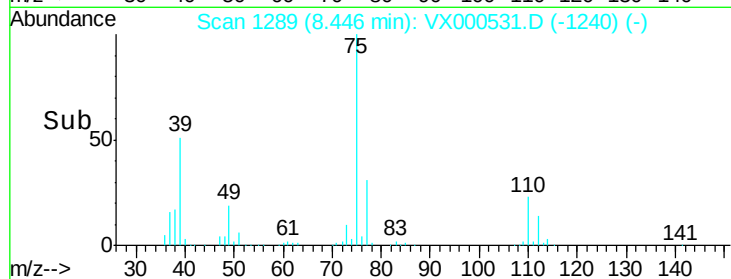
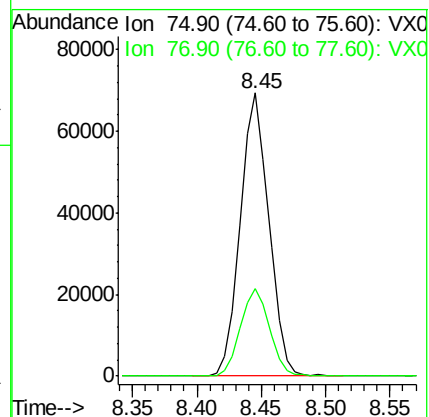
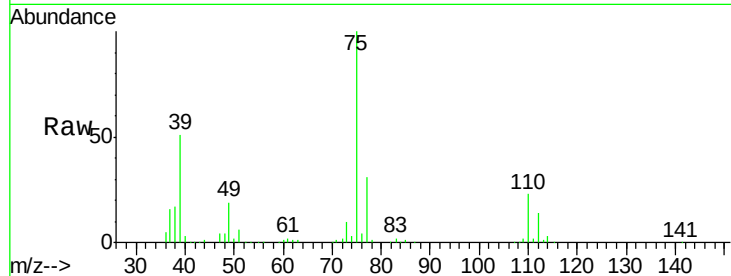
VSTDCCC050

Tgt Ion: 75 Resp: 106866

Ion Ratio Lower Upper

75 100

77 31.1 24.0 36.0



#54

cis-1,3-Dichloropropene

Concen: 51.79 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

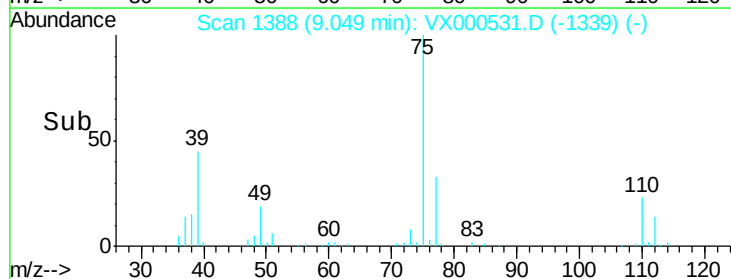
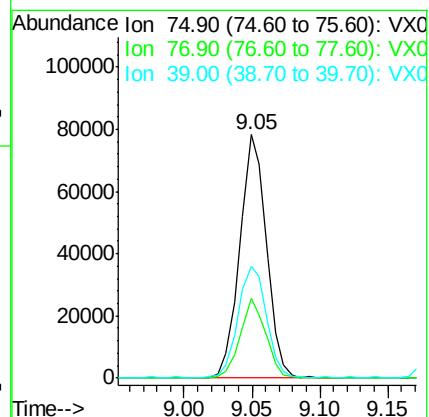
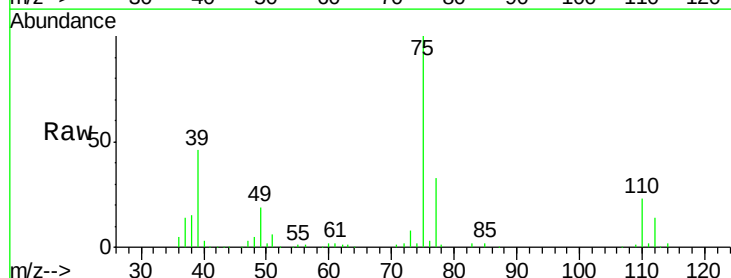
Tgt Ion: 75 Resp: 107181

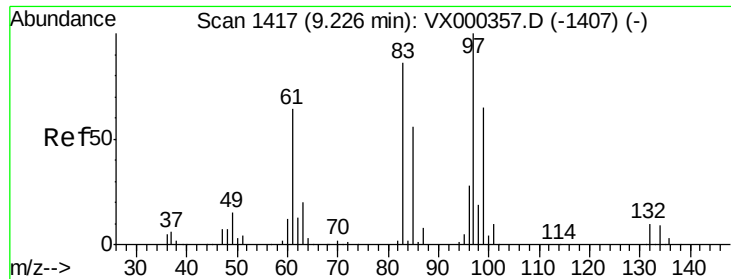
Ion Ratio Lower Upper

75 100

77 32.9 26.1 39.1

39 45.9 39.8 59.6

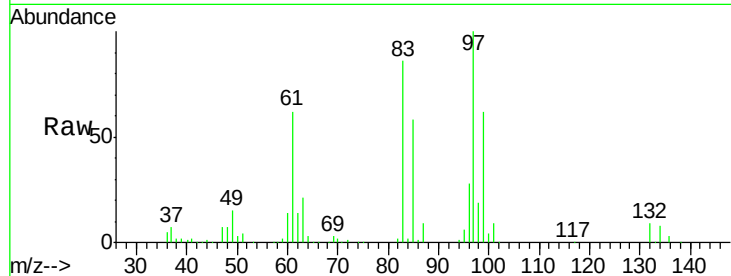




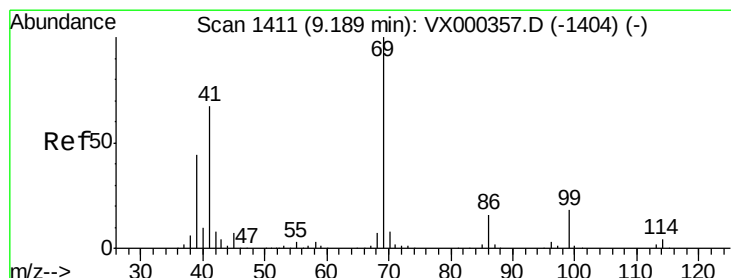
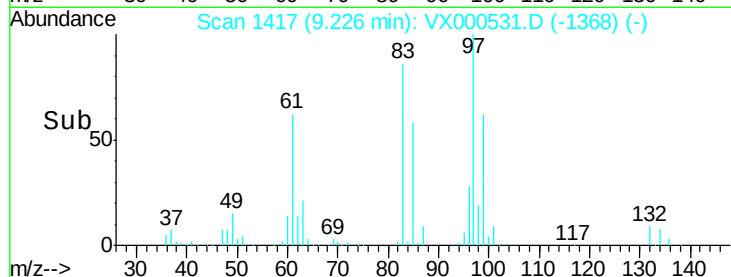
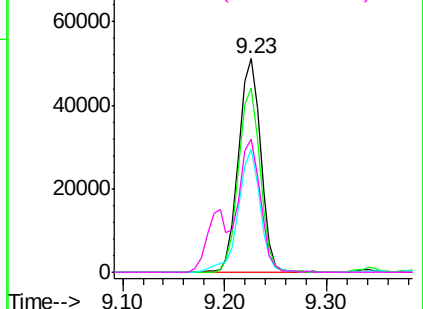
#55
 1,1,2-Trichloroethane
 Concen: 50.97 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000531.D
 Acq: 29 Mar 2018 23:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 76332
 Ion Ratio Lower Upper
 97 100
 83 86.2 67.9 101.9
 85 57.7 42.8 64.2
 99 62.1 49.4 74.2

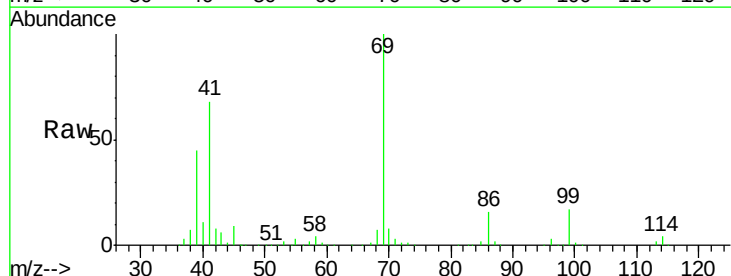


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

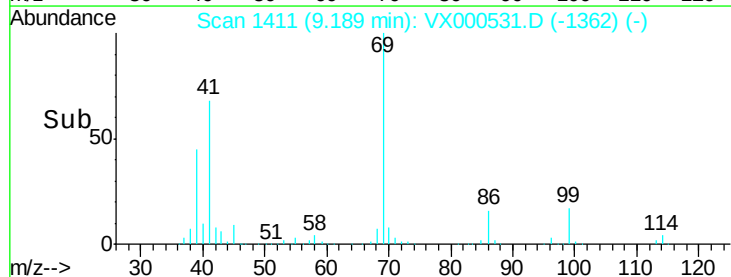
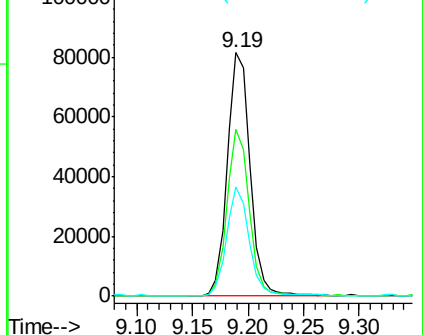


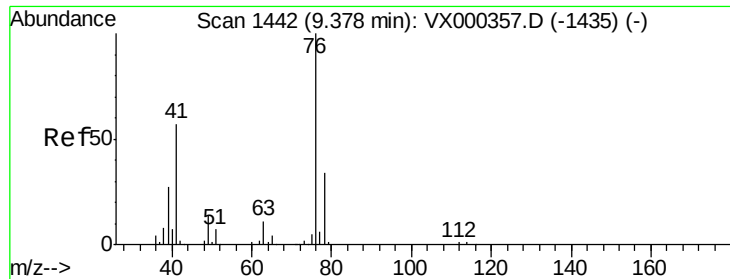
#56
 Ethyl methacrylate
 Concen: 51.10 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000531.D
 Acq: 29 Mar 2018 23:38

Tgt Ion: 69 Resp: 115952
 Ion Ratio Lower Upper
 69 100
 41 67.3 53.0 79.6
 39 43.4 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: 51.61 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

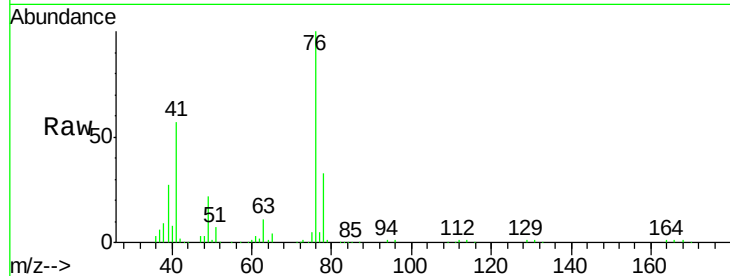
VSTDCCC050

Tgt Ion: 76 Resp: 123610

Ion Ratio Lower Upper

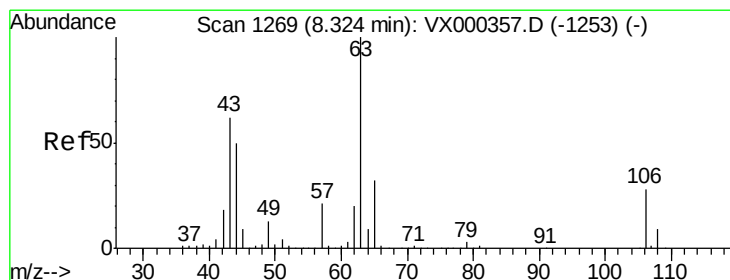
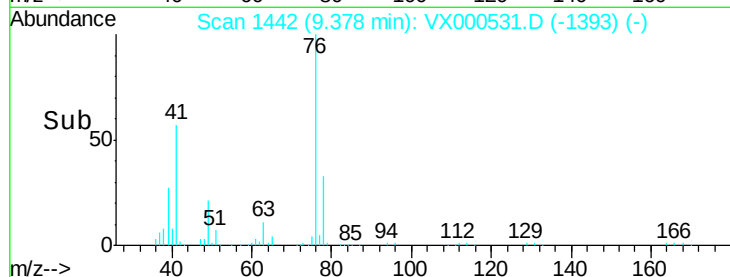
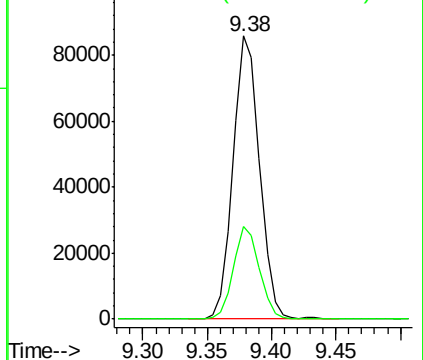
76 100

78 31.9 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 183.84 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000531.D

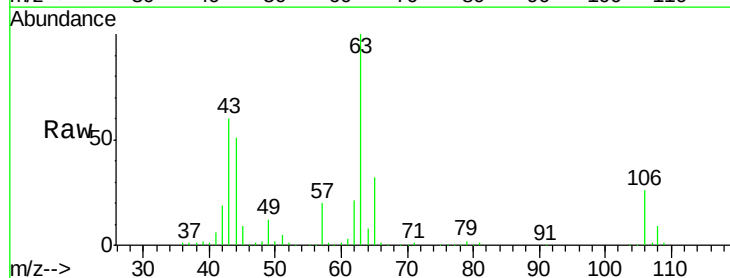
Acq: 29 Mar 2018 23:38

Tgt Ion: 63 Resp: 200211

Ion Ratio Lower Upper

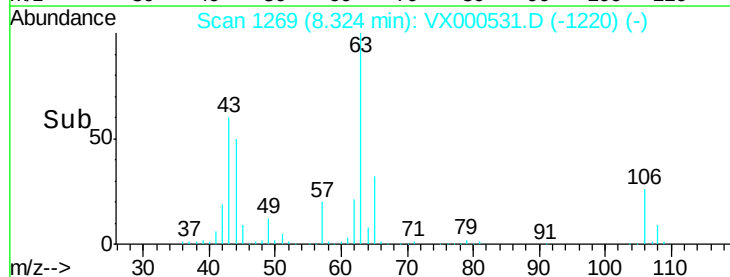
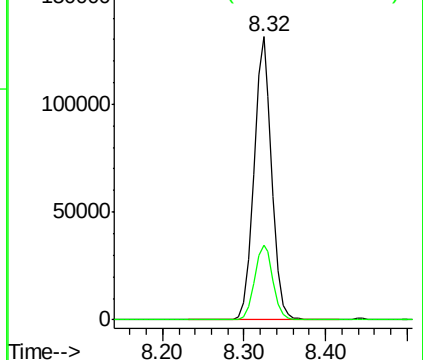
63 100

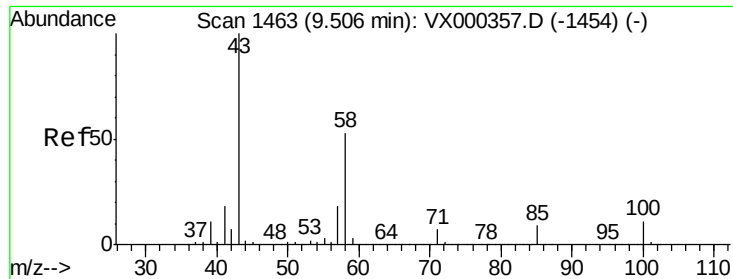
106 27.6 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

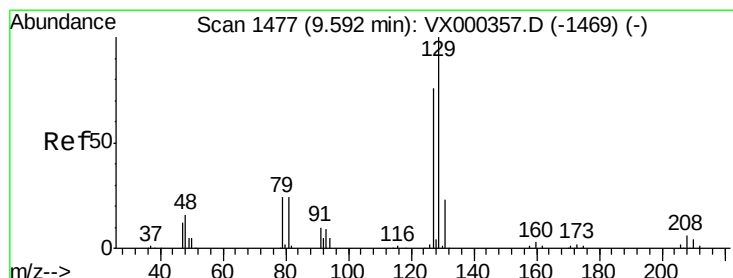
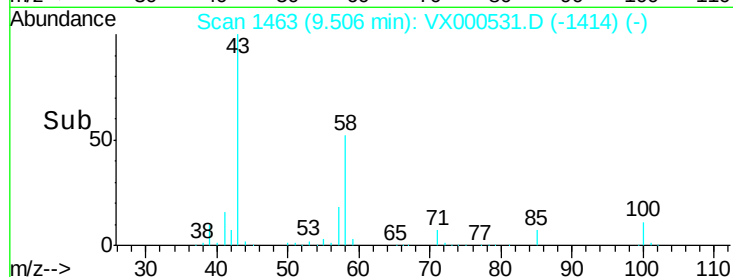
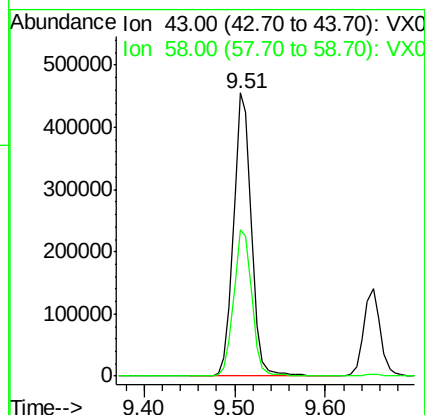
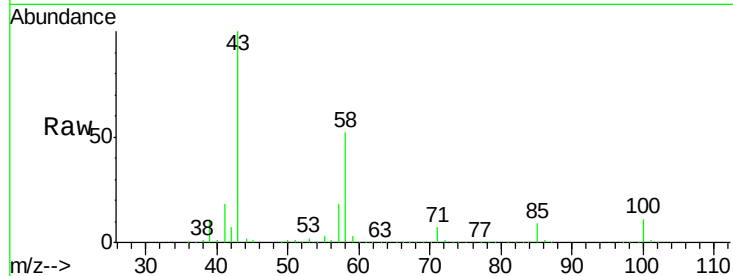




#59
2-Hexanone
Concen: 256.91 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000531.D
Acq: 29 Mar 2018 23:38

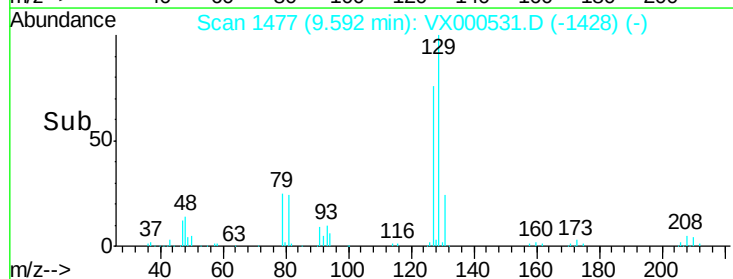
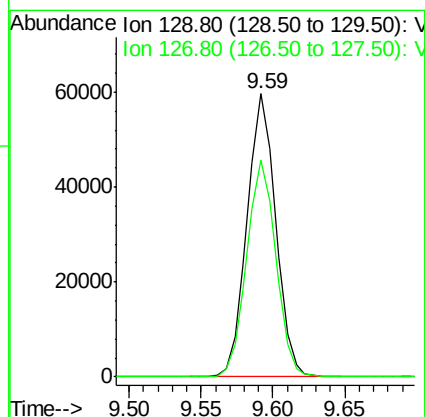
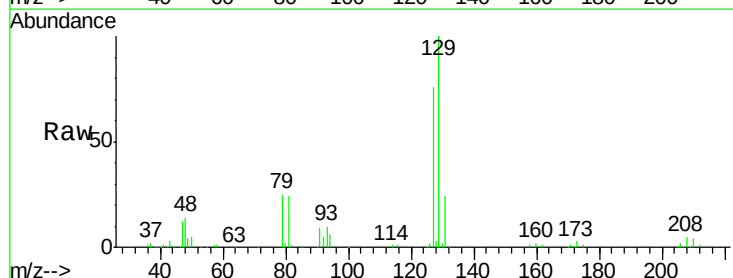
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

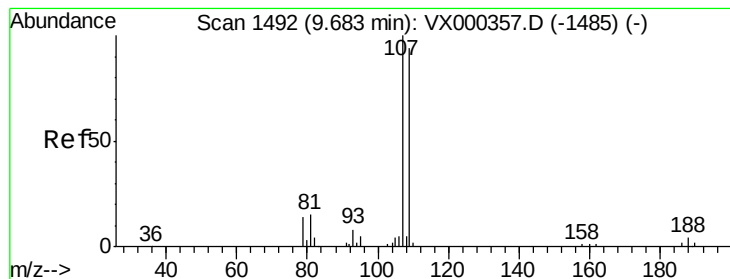
Tgt Ion: 43 Resp: 615829
Ion Ratio Lower Upper
43 100
58 53.0 26.6 79.7



#60
Dibromochloromethane
Concen: 46.80 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000531.D
Acq: 29 Mar 2018 23:38

Tgt Ion: 129 Resp: 82421
Ion Ratio Lower Upper
129 100
127 77.5 37.9 113.6





#61

1,2-Dibromoethane

Concen: 52.18 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

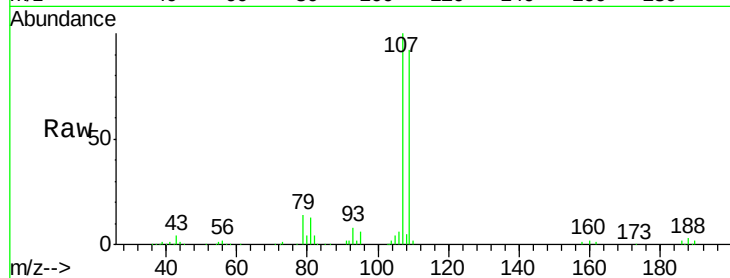
VSTDCCC050

Tgt Ion: 107 Resp: 83788

Ion Ratio Lower Upper

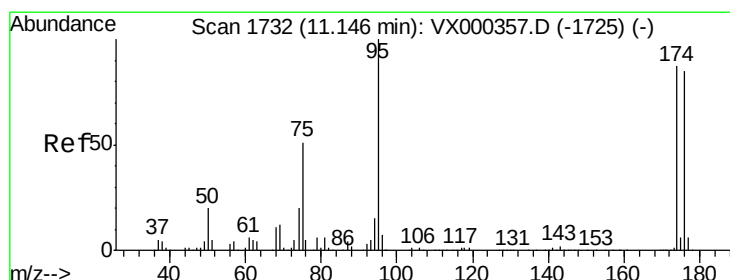
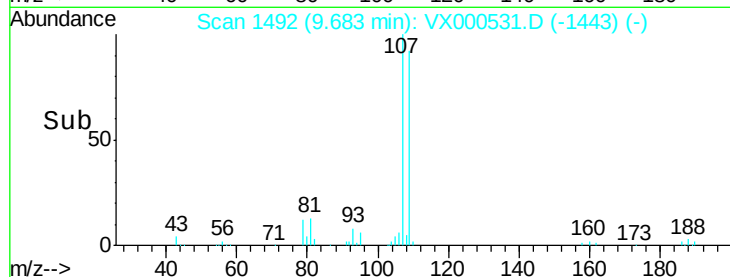
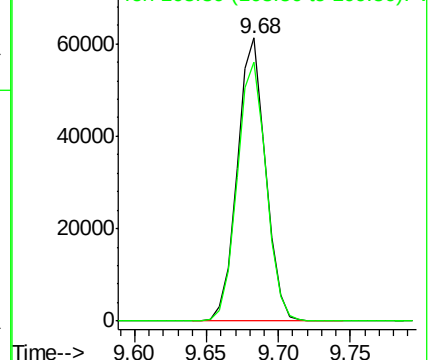
107 100

109 94.4 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.72 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

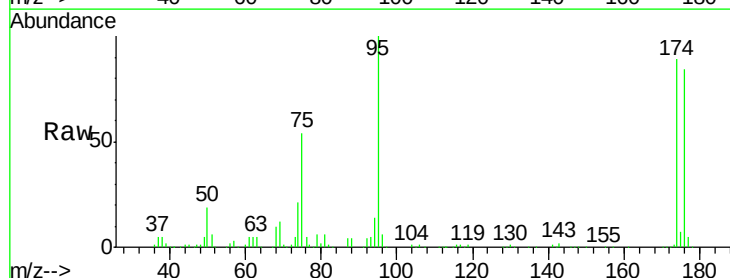
Tgt Ion: 95 Resp: 100102

Ion Ratio Lower Upper

95 100

174 89.1 0.0 173.6

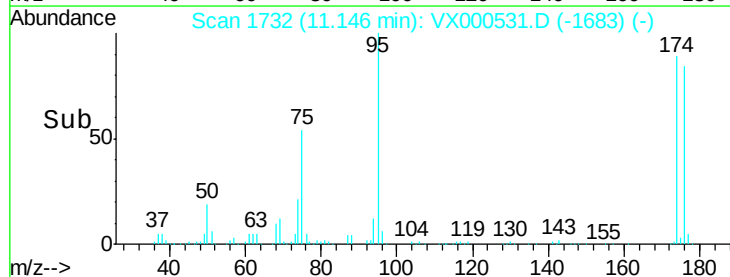
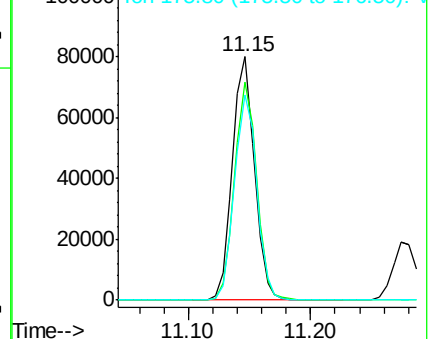
176 85.2 0.0 164.6

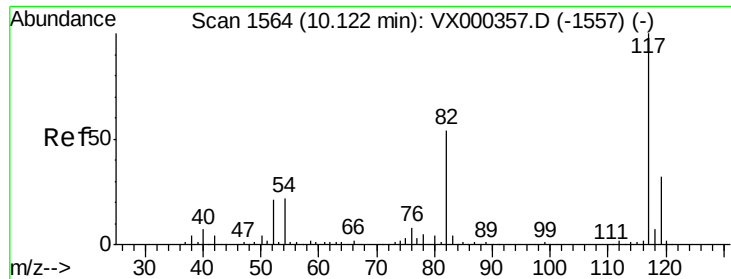


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

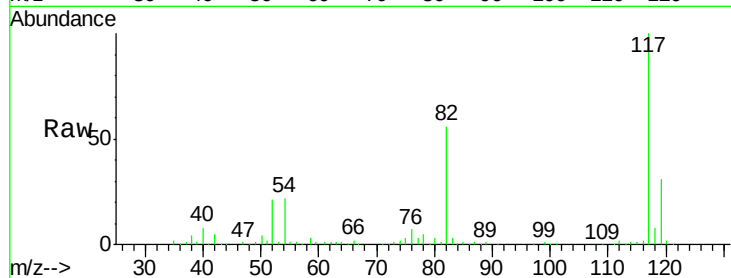




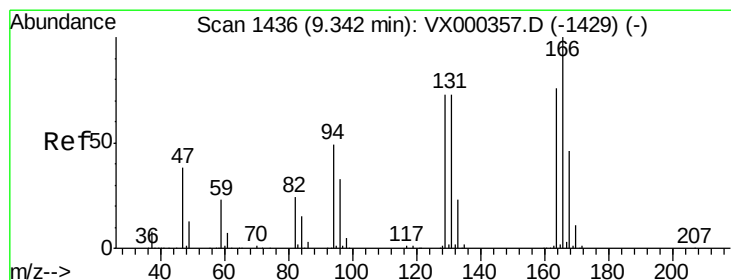
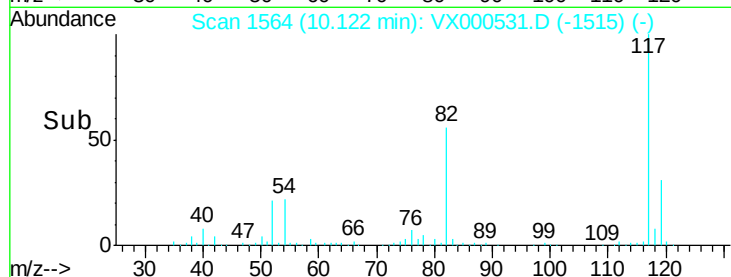
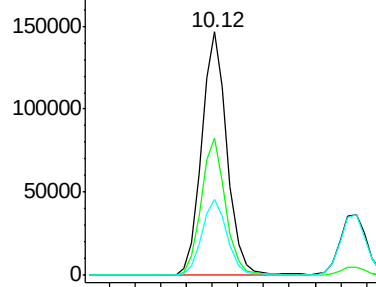
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000531.D
Acq: 29 Mar 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 201477
Ion Ratio Lower Upper
117 100
82 56.2 43.8 65.8
119 31.1 24.9 37.3

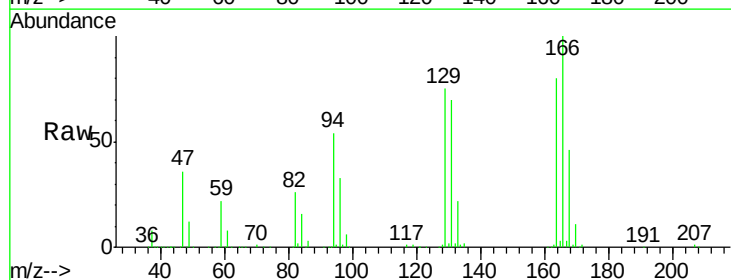


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

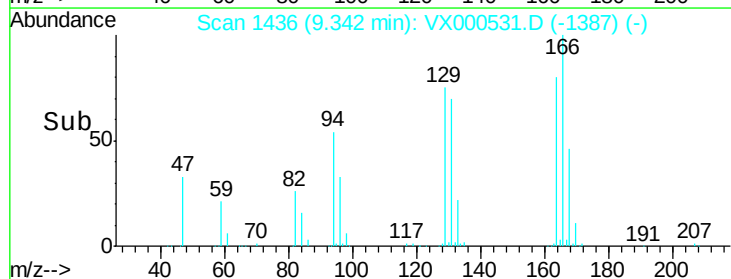
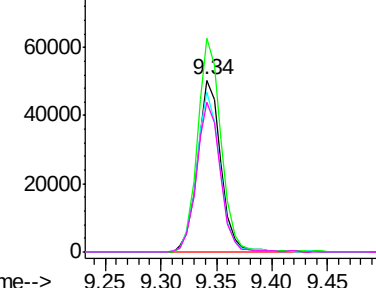


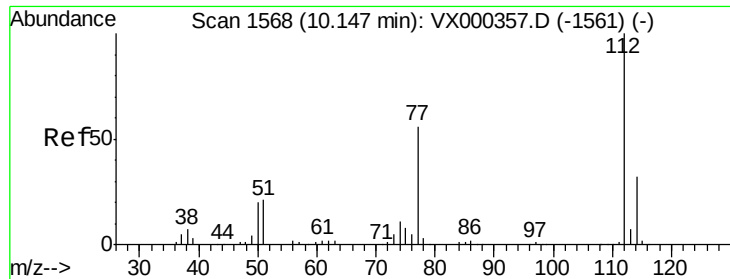
#64
Tetrachloroethene
Concen: 46.75 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000531.D
Acq: 29 Mar 2018 23:38

Tgt Ion:164 Resp: 73097
Ion Ratio Lower Upper
164 100
166 124.5 101.0 151.6
129 93.3 79.0 118.4
131 87.4 71.9 107.9



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

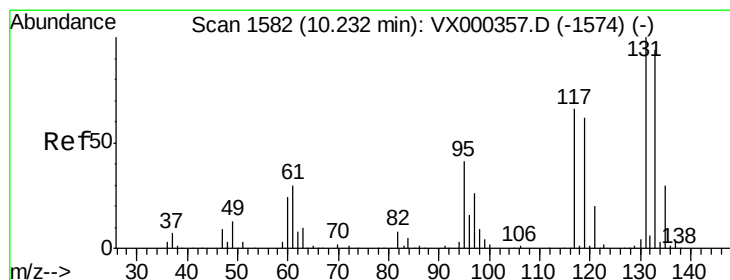
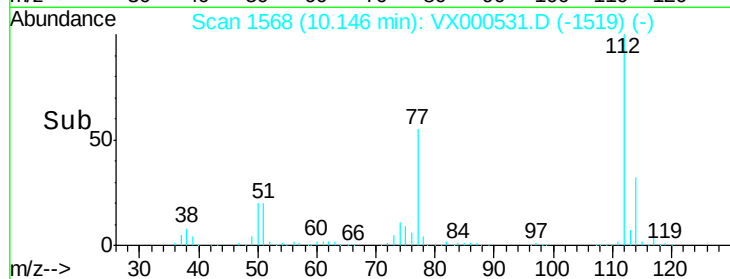
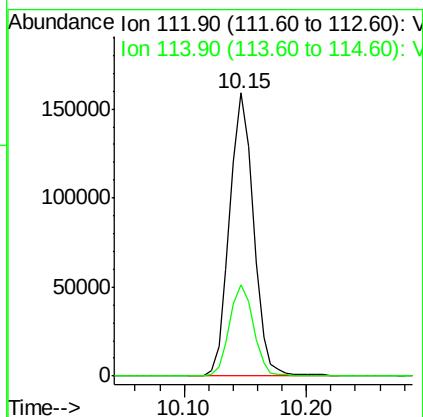
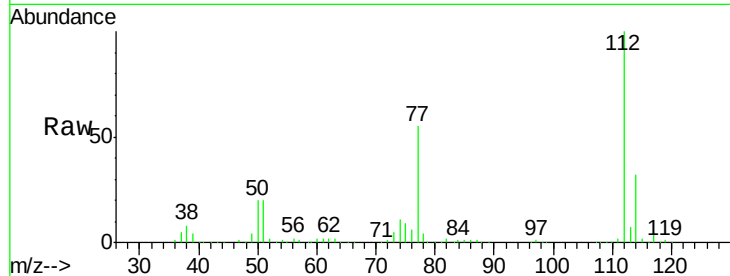




#65
Chlorobenzene
Concen: 48.25 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000531.D
Acq: 29 Mar 2018 23:38

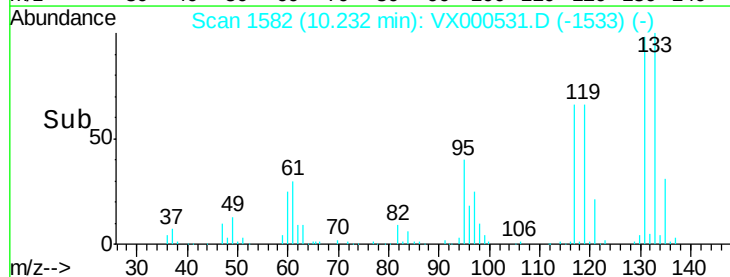
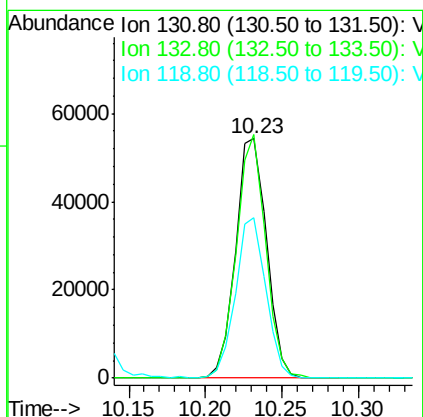
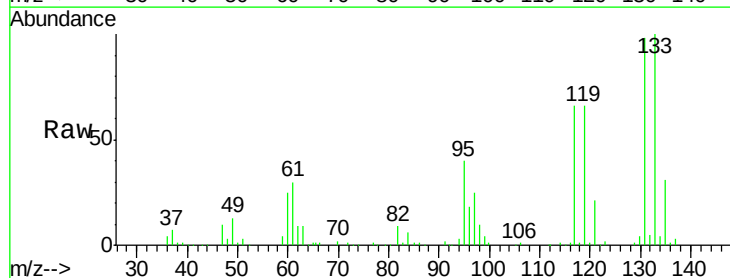
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

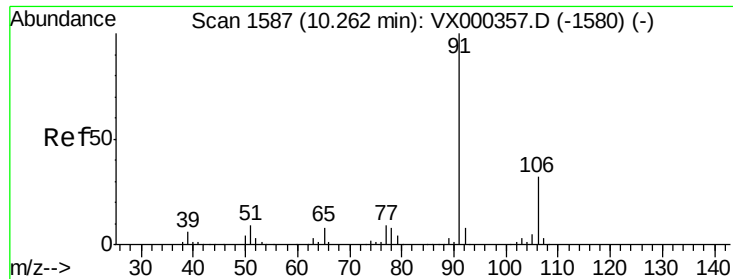
Tgt Ion:112 Resp: 216354
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.32 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000531.D
Acq: 29 Mar 2018 23:38

Tgt Ion:131 Resp: 76626
Ion Ratio Lower Upper
131 100
133 95.4 47.1 141.3
119 65.6 33.1 99.2

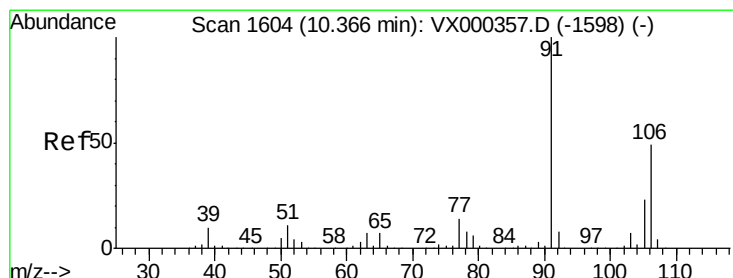
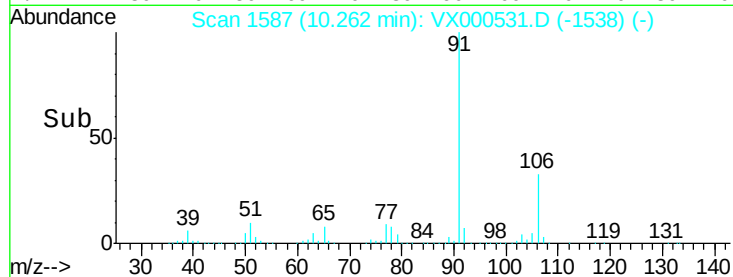
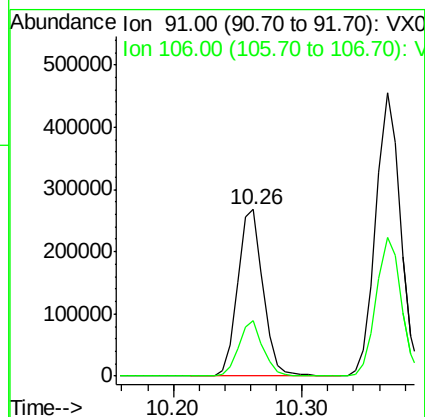
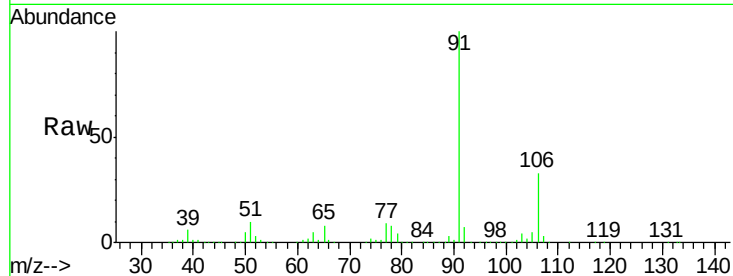




#67
Ethyl Benzene
Concen: 48.52 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000531.D
Acq: 29 Mar 2018 23:38

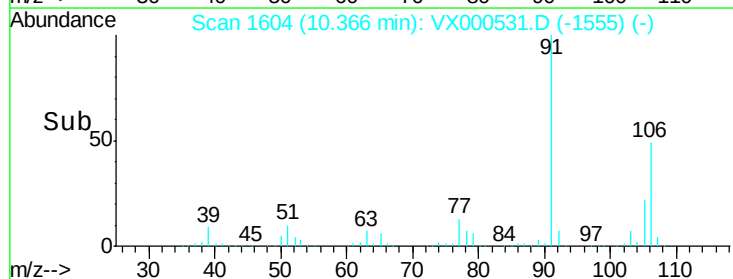
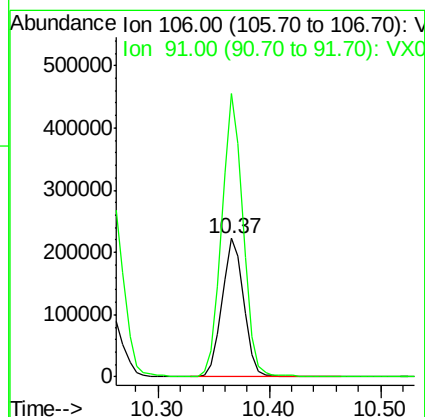
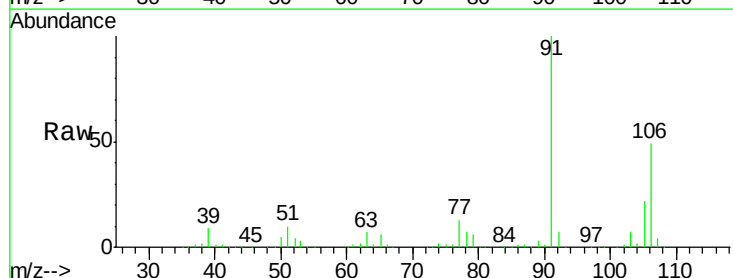
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

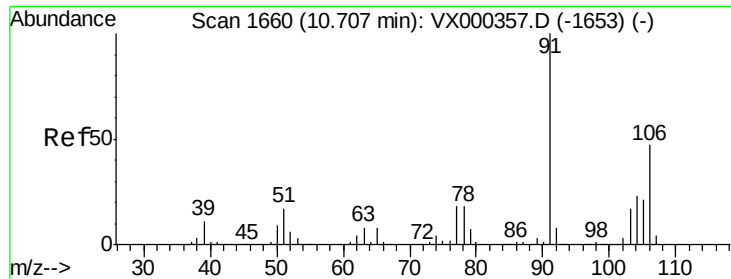
Tgt Ion: 91 Resp: 368791
Ion Ratio Lower Upper
91 100
106 33.3 25.0 37.6



#68
m/p-Xylenes
Concen: 100.20 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000531.D
Acq: 29 Mar 2018 23:38

Tgt Ion: 106 Resp: 299682
Ion Ratio Lower Upper
106 100
91 202.0 163.4 245.2

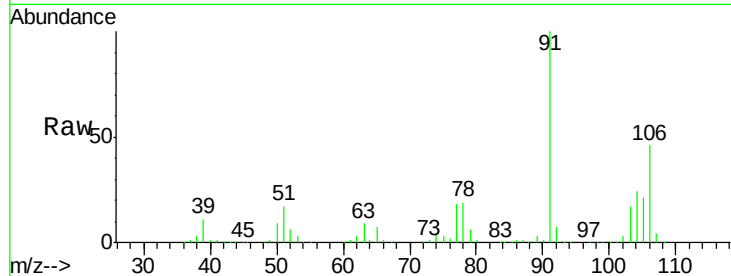




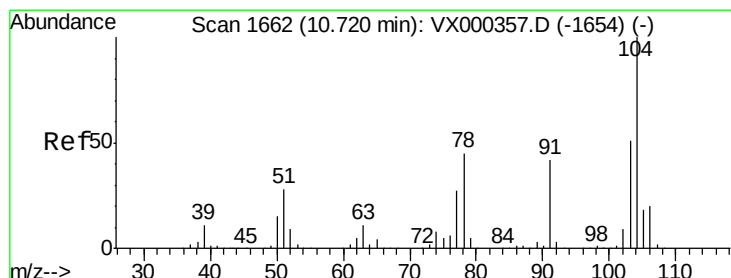
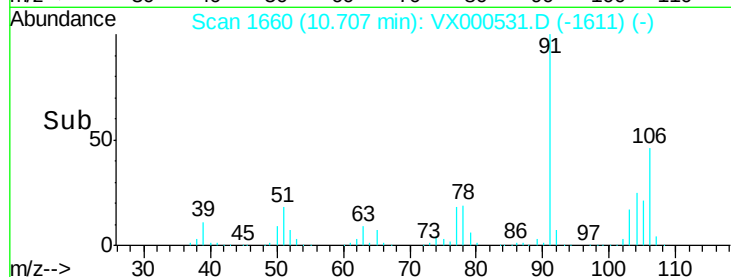
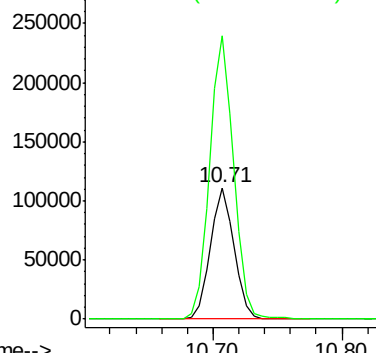
#69
o-Xylene
Concen: 48.97 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000531.D
Acq: 29 Mar 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 141822
Ion Ratio Lower Upper
106 100
91 217.7 106.5 319.6

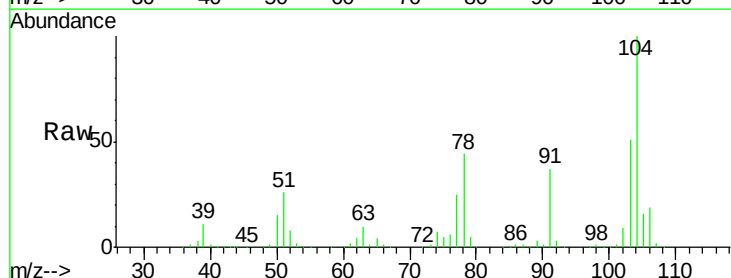


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

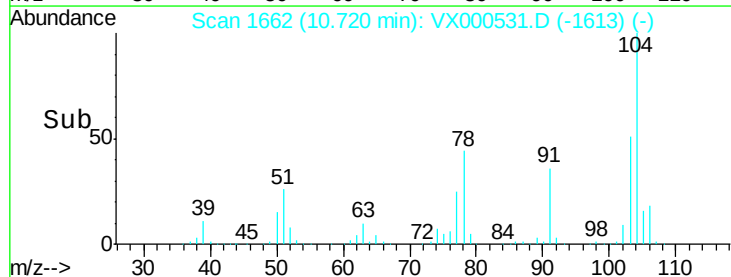
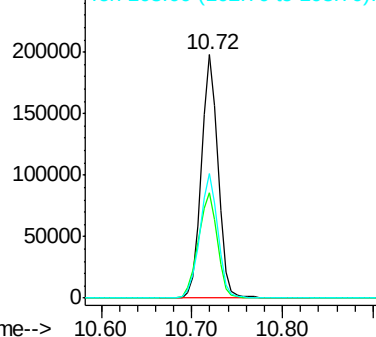


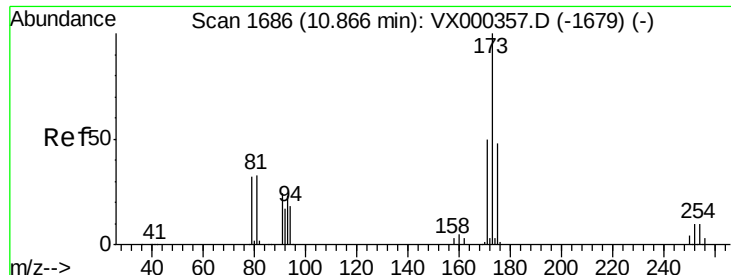
#70
Styrene
Concen: 52.88 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000531.D
Acq: 29 Mar 2018 23:38

Tgt Ion:104 Resp: 253390
Ion Ratio Lower Upper
104 100
78 49.1 40.5 60.7
103 55.3 45.7 68.5



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





#71

Bromoform

Concen: 43.32 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

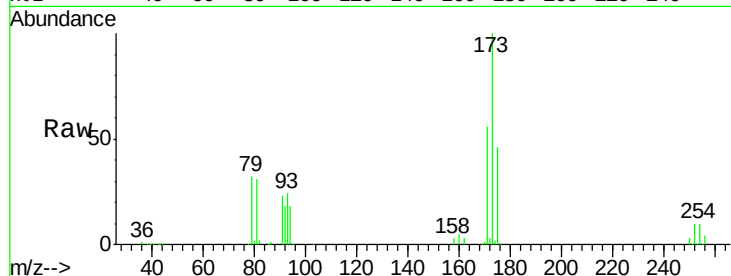
Tgt Ion:173 Resp: 67628

Ion Ratio Lower Upper

173 100

175 48.1 25.4 76.4

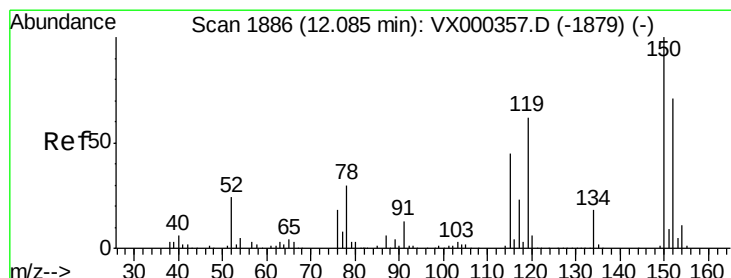
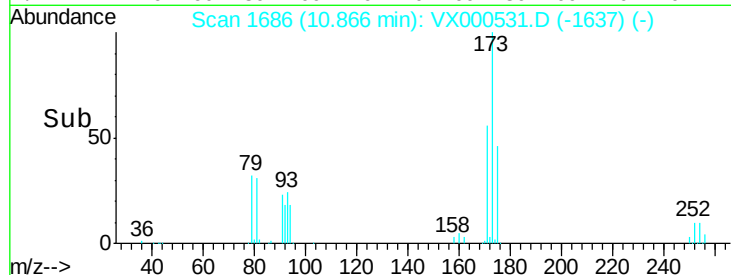
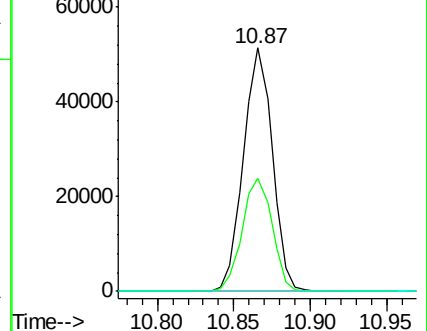
254 0.1 0.0 0.0#



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: VX000531.D

Acq: 29 Mar 2018 23:38

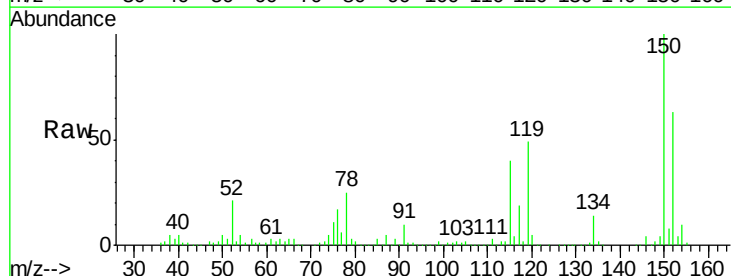
Tgt Ion:152 Resp: 134156

Ion Ratio Lower Upper

152 100

115 80.9 39.8 119.3

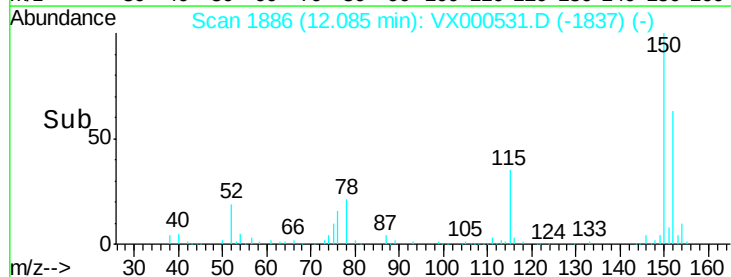
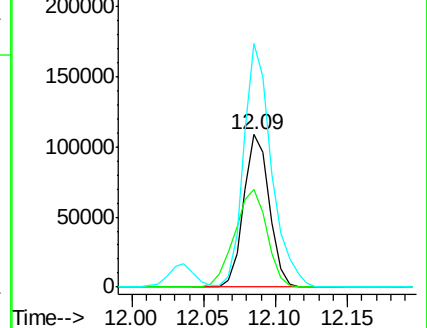
150 173.1 0.0 344.4

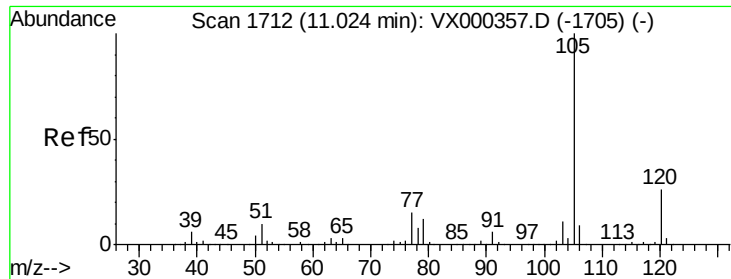


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.42 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

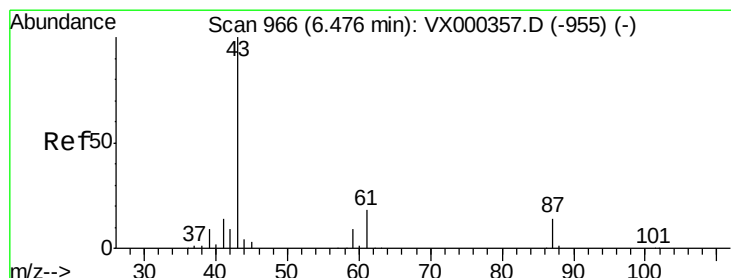
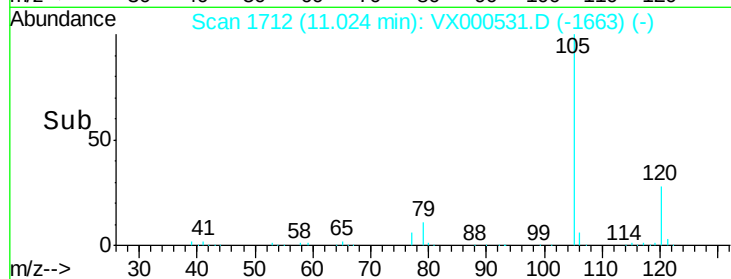
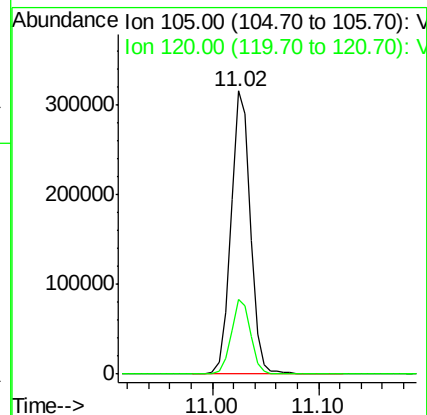
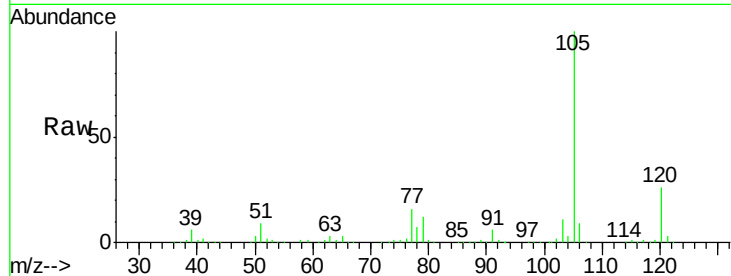
VSTDCCC050

Tgt Ion:105 Resp: 403703

Ion Ratio Lower Upper

105 100

120 26.3 13.6 40.7



#74

N-ethyl acetate

Concen: 46.08 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

Tgt Ion: 43 Resp: 179524

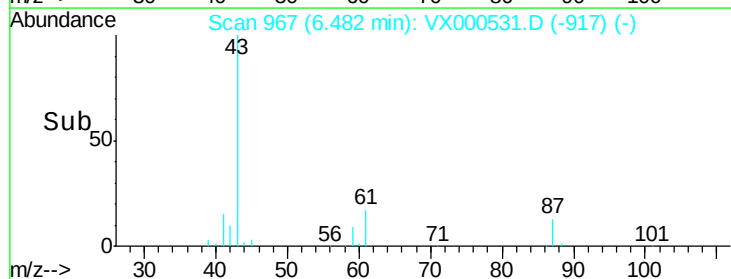
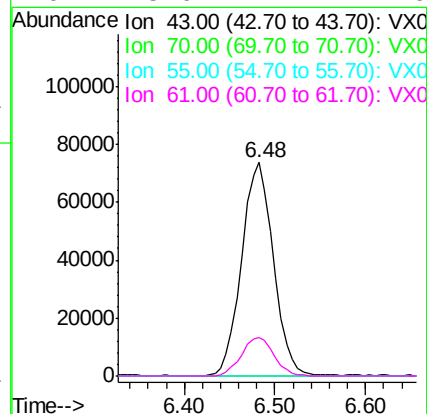
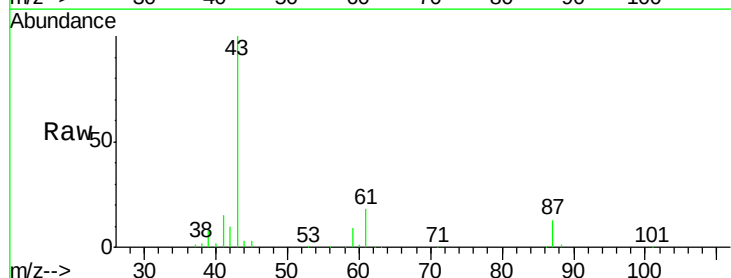
Ion Ratio Lower Upper

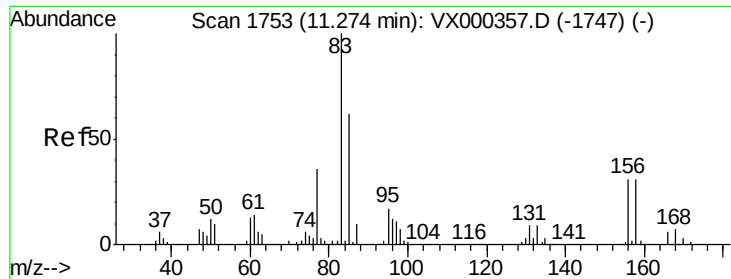
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.6 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.21 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

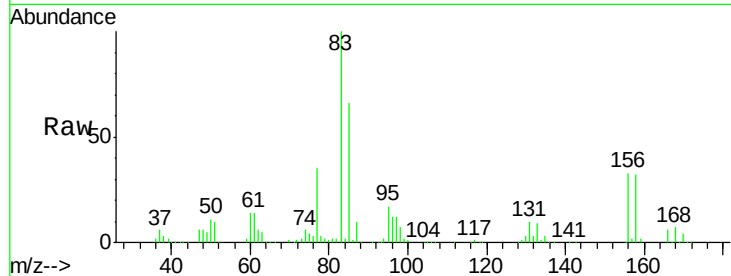
Tgt Ion: 83 Resp: 148417

Ion Ratio Lower Upper

83 100

131 10.1 5.0 14.9

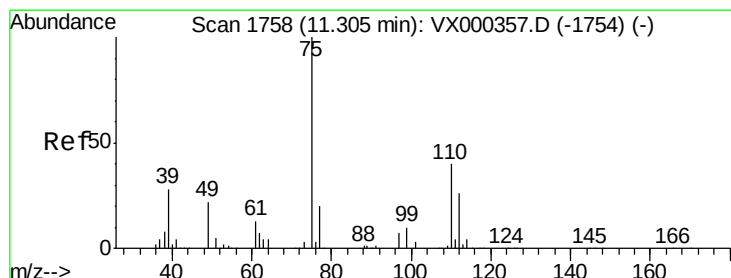
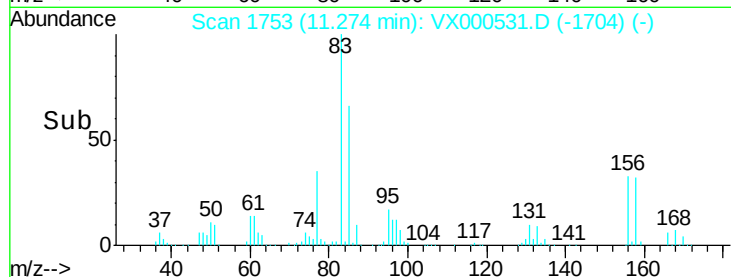
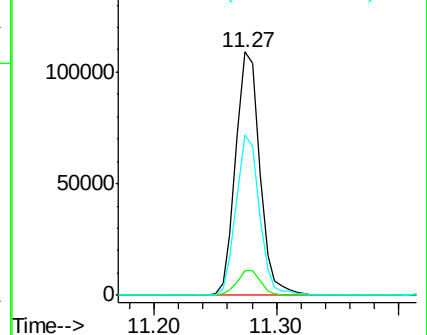
85 64.0 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 58.09 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000531.D

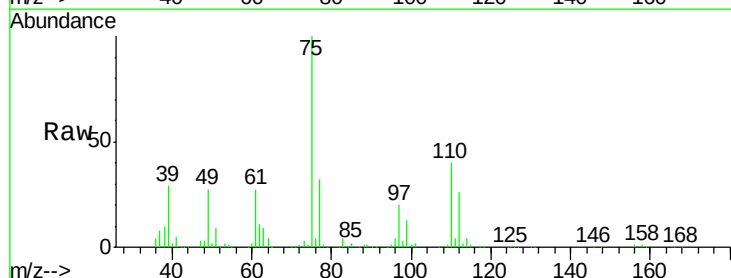
Acq: 29 Mar 2018 23:38

Tgt Ion: 75 Resp: 167479

Ion Ratio Lower Upper

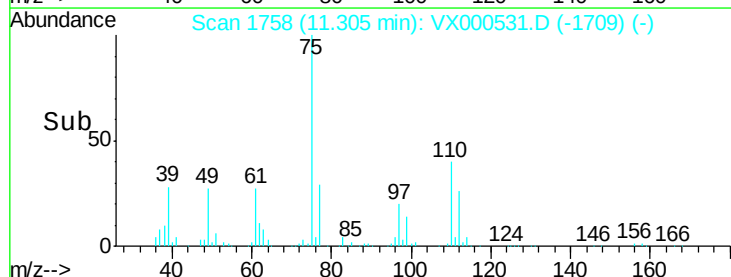
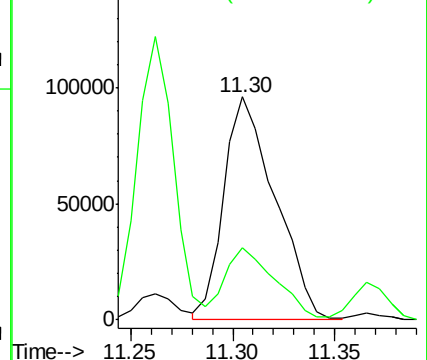
75 100

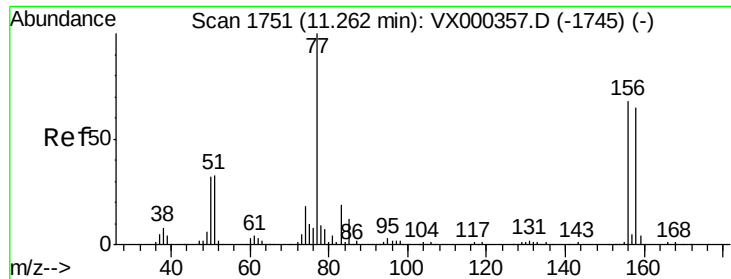
77 31.6 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 43.02 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

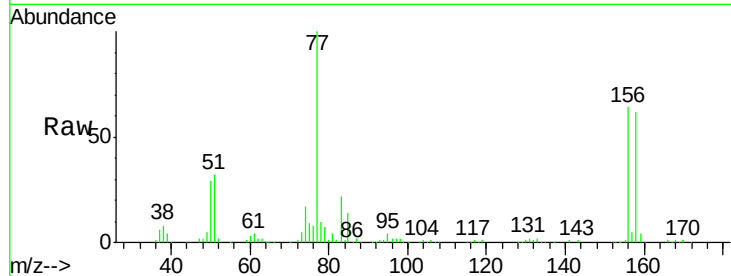
Tgt Ion:156 Resp: 101864

Ion Ratio Lower Upper

156 100

77 150.6 73.4 220.2

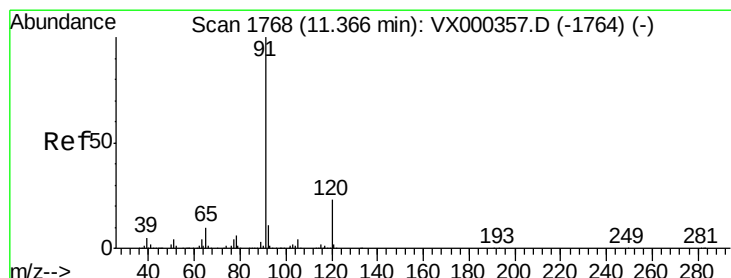
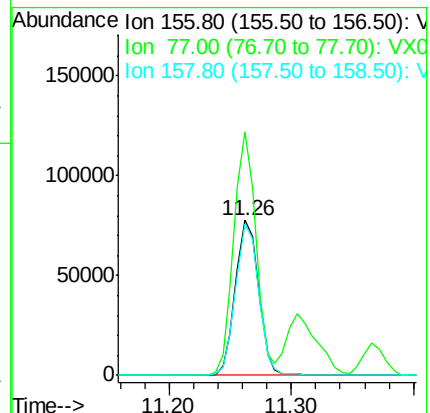
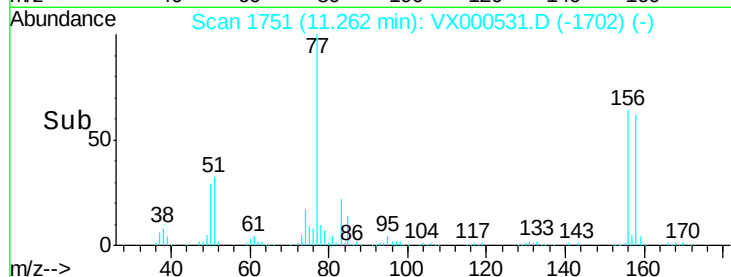
158 97.1 48.5 145.6



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: 45.14 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000531.D

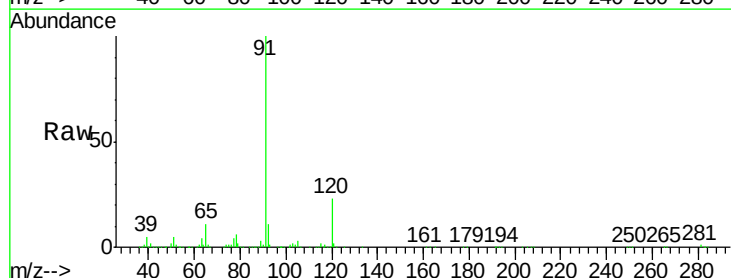
Acq: 29 Mar 2018 23:38

Tgt Ion: 91 Resp: 478462

Ion Ratio Lower Upper

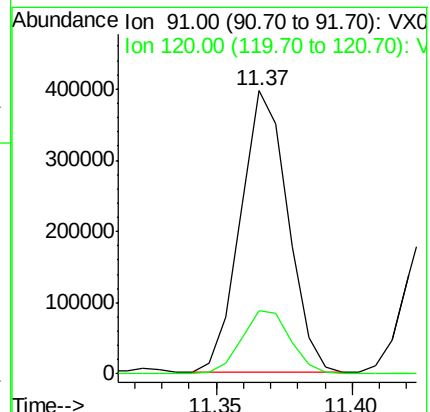
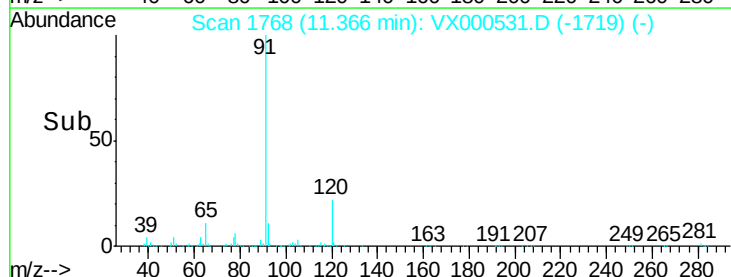
91 100

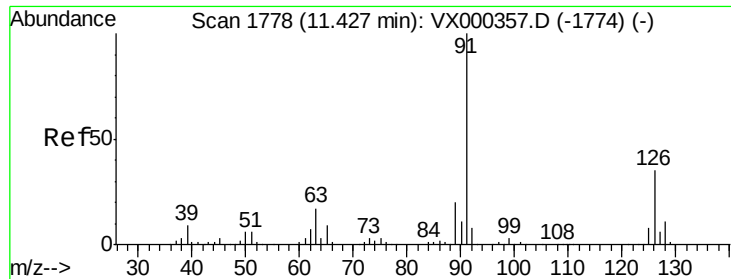
120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

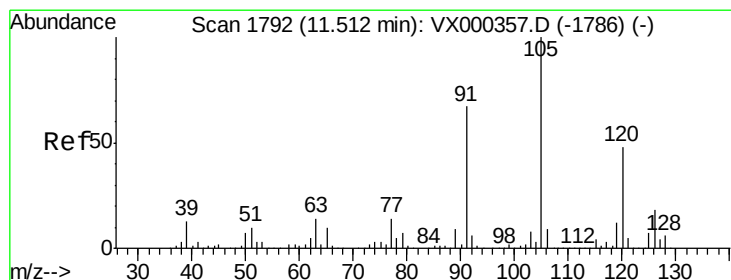
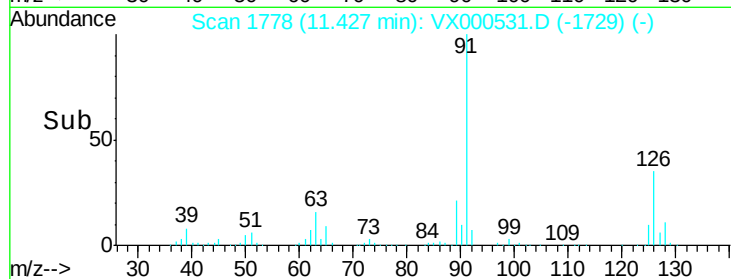
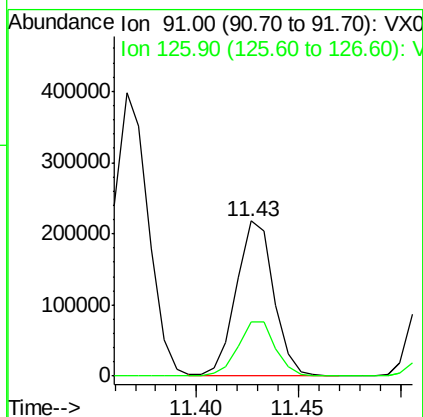
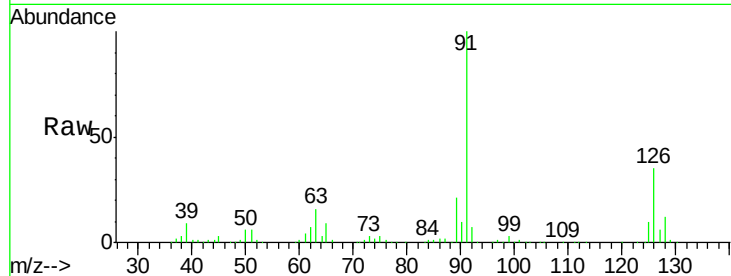




#79
 2-Chlorotoluene
 Concen: 44.93 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000531.D
 Acq: 29 Mar 2018 23:38

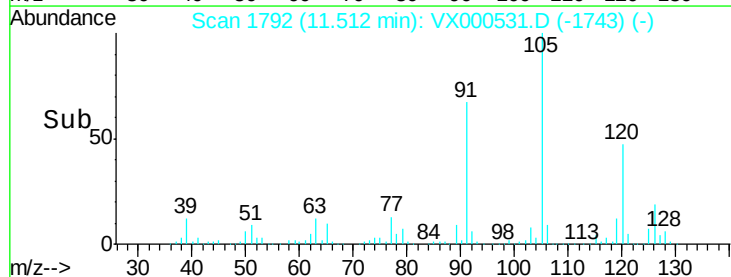
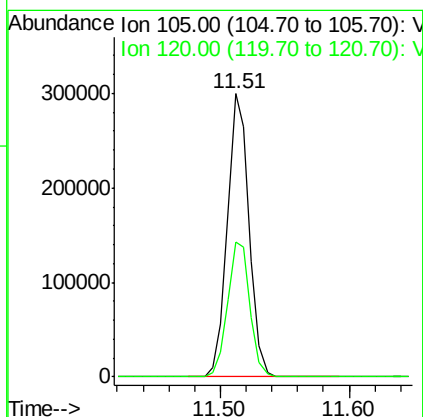
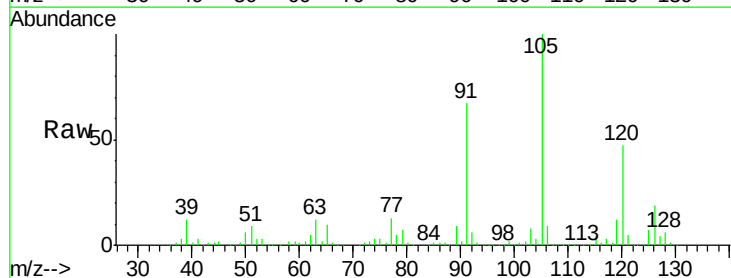
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

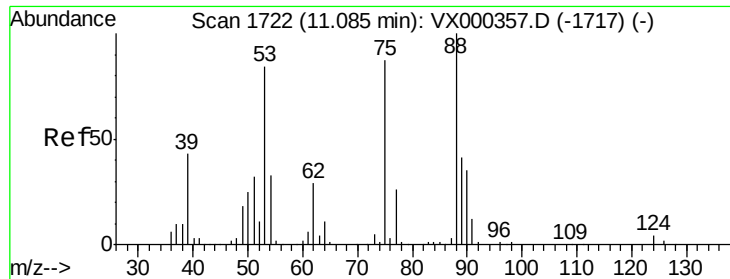
Tgt Ion: 91 Resp: 275112
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 47.57 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000531.D
 Acq: 29 Mar 2018 23:38

Tgt Ion: 105 Resp: 355500
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.1 72.4

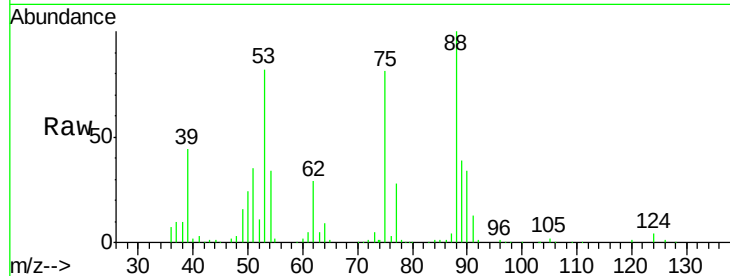




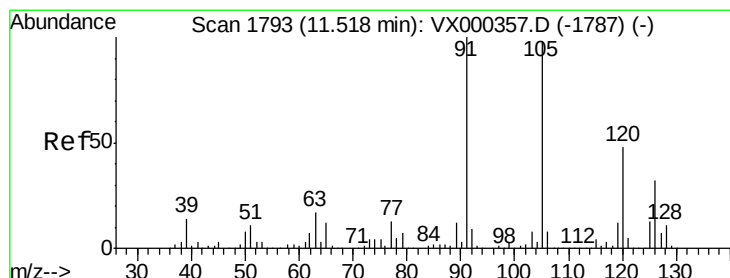
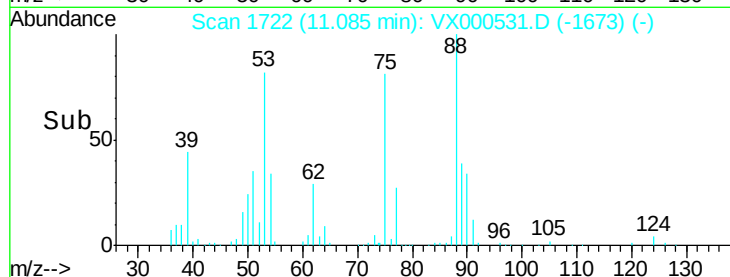
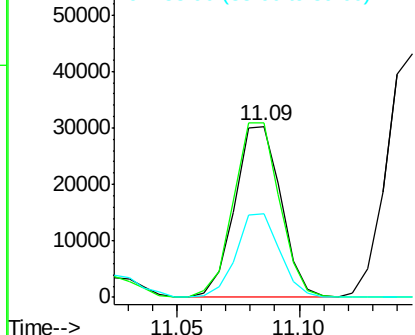
#81
trans-1,4-Dichloro-2-butene
Concen: 44.47 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000531.D
Acq: 29 Mar 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 39603
Ion Ratio Lower Upper
75 100
53 102.4 80.7 121.1
89 46.5 39.4 59.0

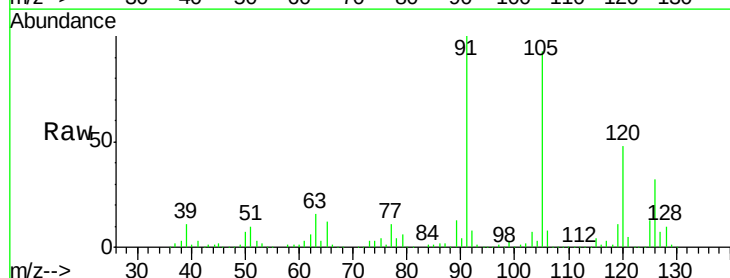


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

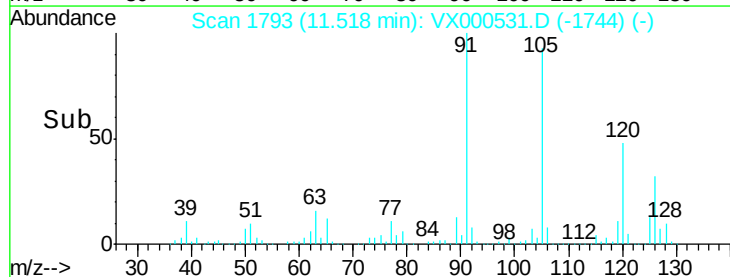
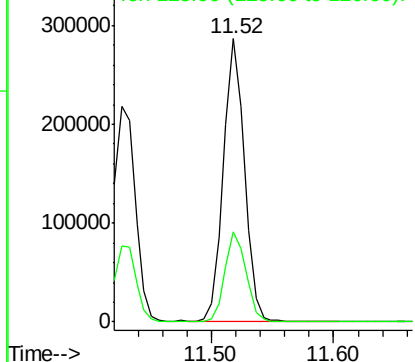


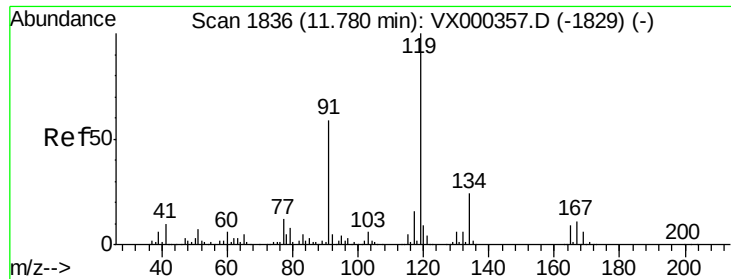
#82
4-Chlorotoluene
Concen: 47.05 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000531.D
Acq: 29 Mar 2018 23:38

Tgt Ion: 91 Resp: 344005
Ion Ratio Lower Upper
91 100
126 31.6 15.4 46.1



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

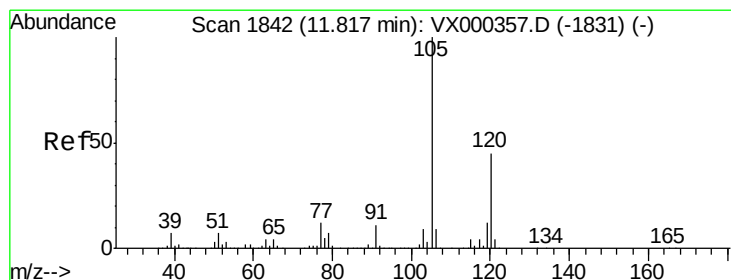
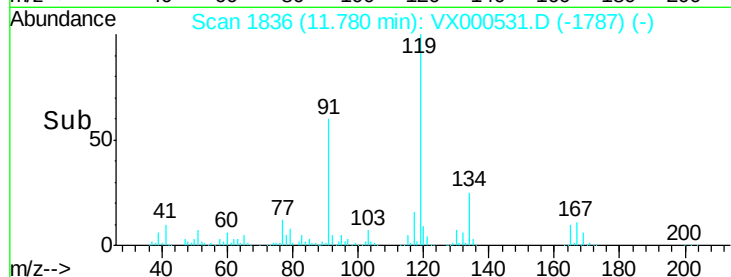
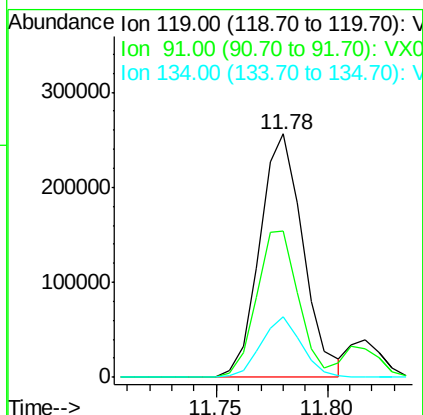
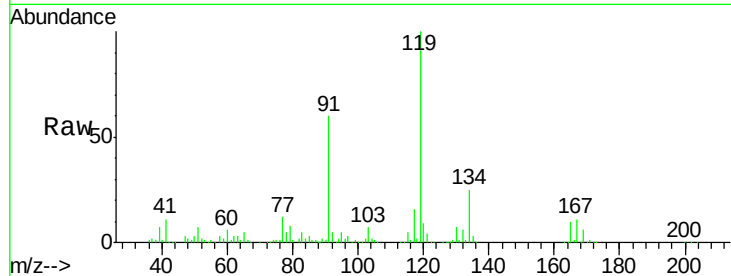




#83
 tert-Butylbenzene
 Concen: 45.95 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000531.D
 Acq: 29 Mar 2018 23:38

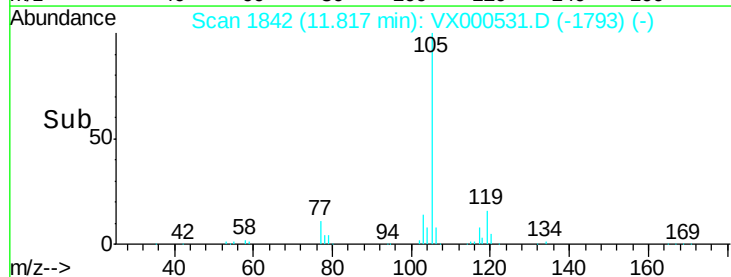
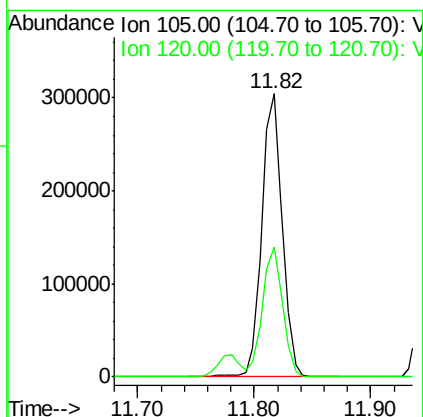
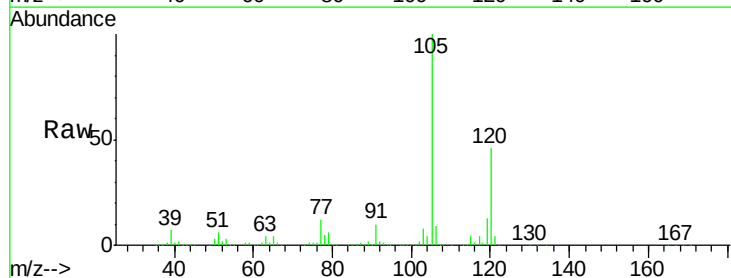
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

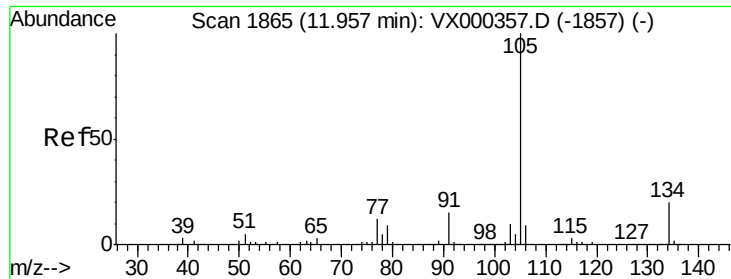
Tgt Ion:119 Resp: 346368
 Ion Ratio Lower Upper
 119 100
 91 58.1 28.8 86.4
 134 23.1 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 47.45 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000531.D
 Acq: 29 Mar 2018 23:38

Tgt Ion:105 Resp: 371843
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.4 67.3

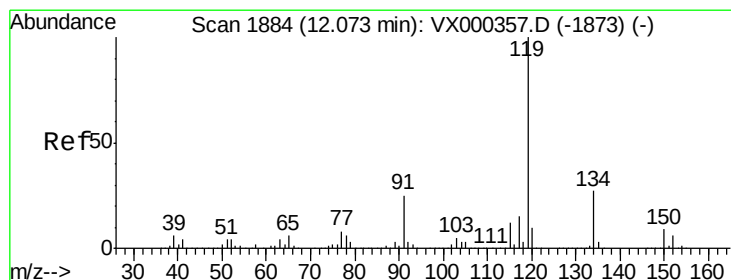
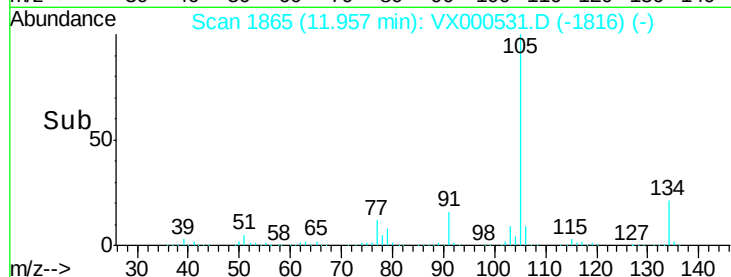
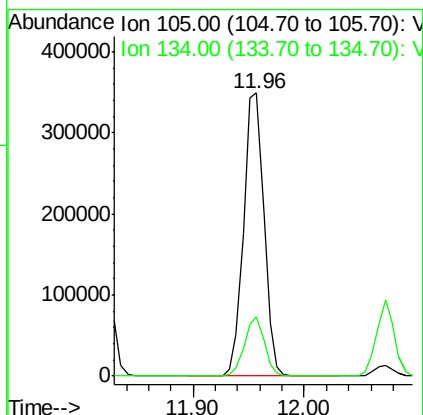
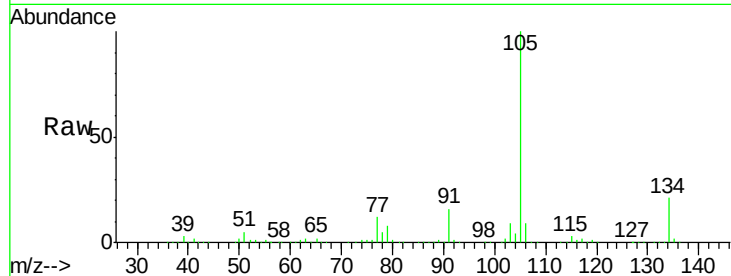




#85
 sec-Butylbenzene
 Concen: 47.61 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000531.D
 Acq: 29 Mar 2018 23:38

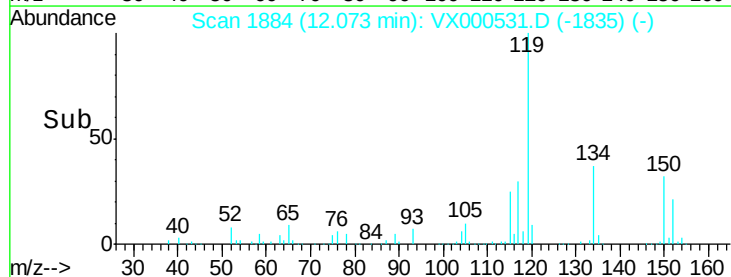
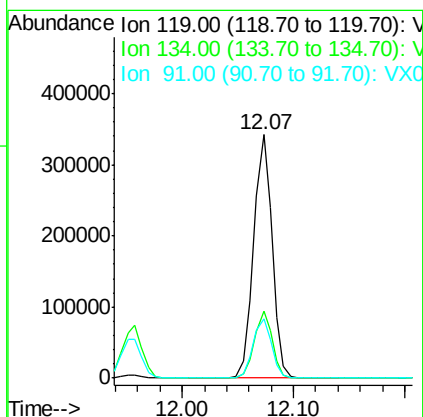
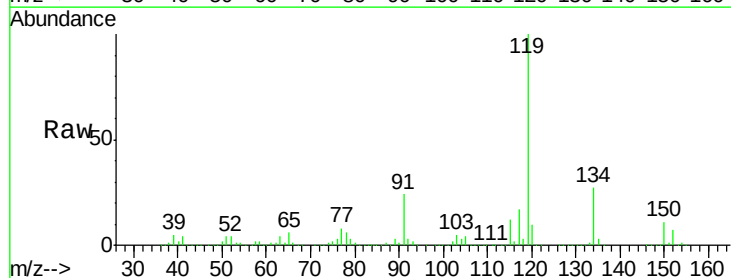
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

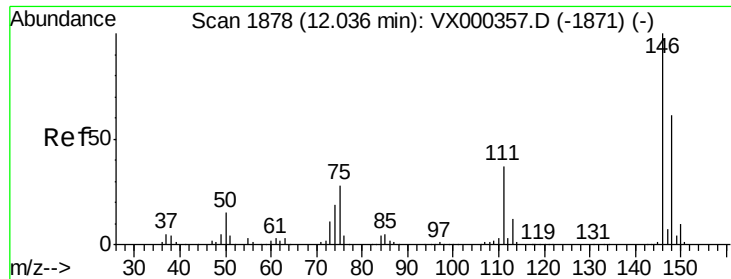
Tgt Ion:105 Resp: 444072
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 47.68 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000531.D
 Acq: 29 Mar 2018 23:38

Tgt Ion:119 Resp: 394912
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.9
 91 24.4 12.0 36.1

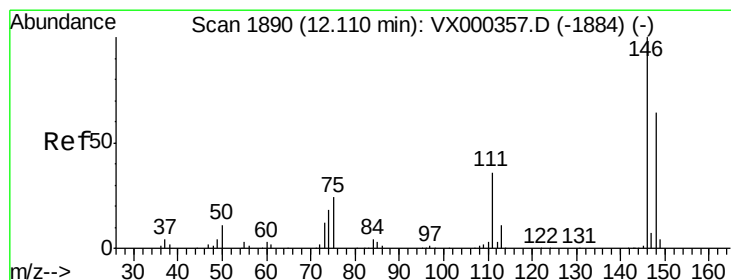
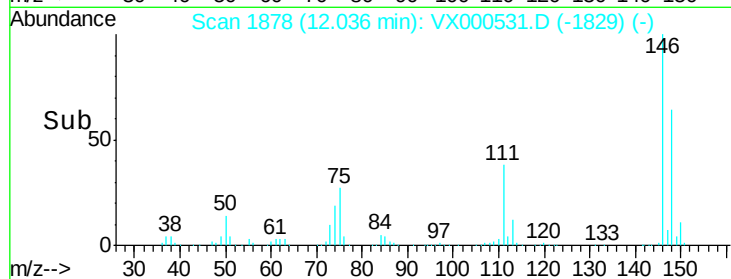
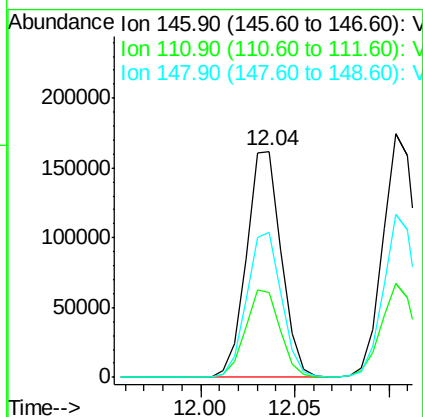
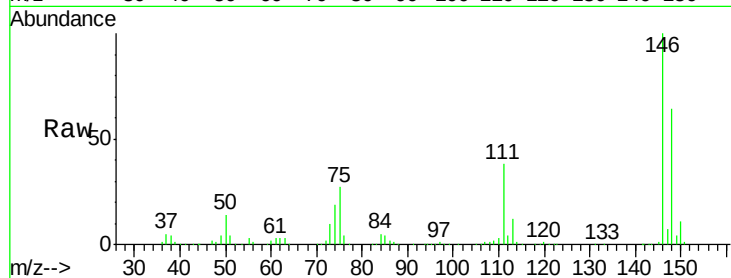




#87
 1,3-Dichlorobenzene
 Concen: 46.42 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000531.D
 Acq: 29 Mar 2018 23:38

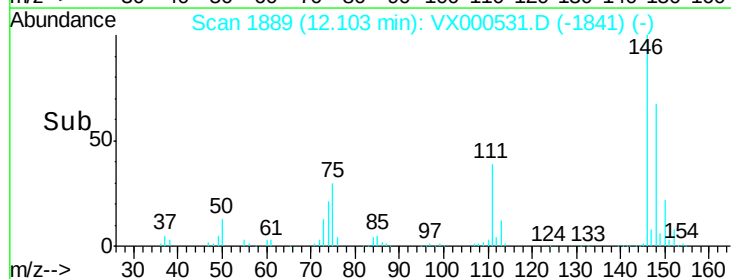
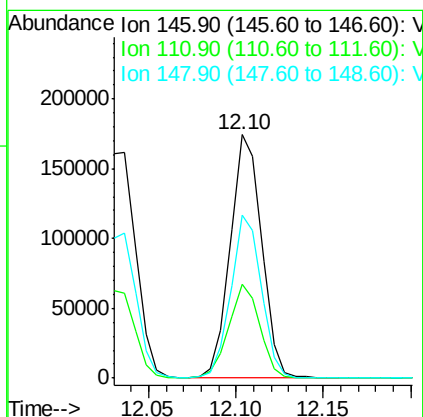
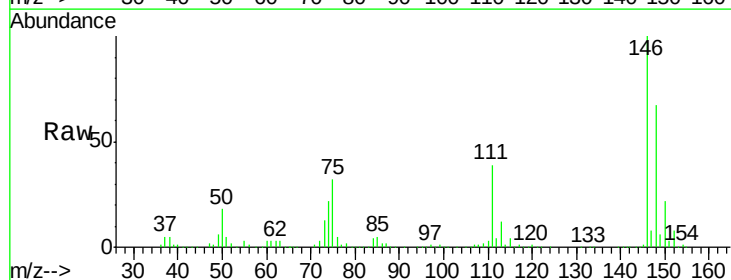
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

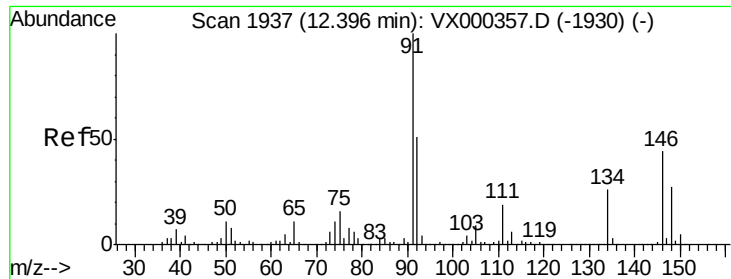
Tgt Ion:146 Resp: 207826
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.5 58.5
 148 63.9 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 46.42 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000531.D
 Acq: 29 Mar 2018 23:38

Tgt Ion:146 Resp: 218208
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.9 56.9
 148 65.3 31.0 93.0





#89

n-Butylbenzene

Concen: 48.04 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

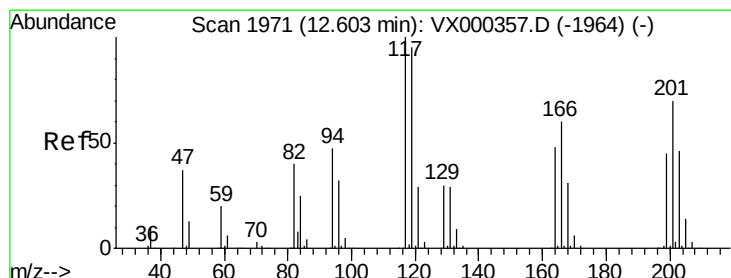
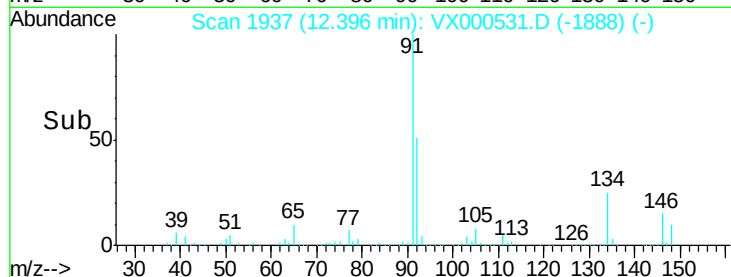
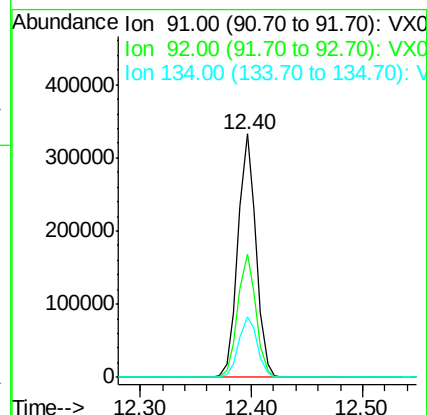
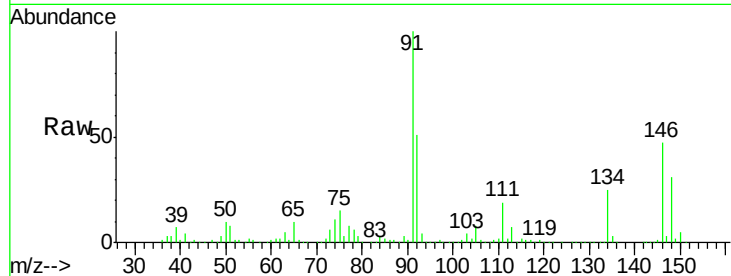
Tgt Ion: 91 Resp: 370517

Ion Ratio Lower Upper

91 100

92 51.1 25.9 77.8

134 25.7 13.1 39.3



#90

Hexachloroethane

Concen: 47.00 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000531.D

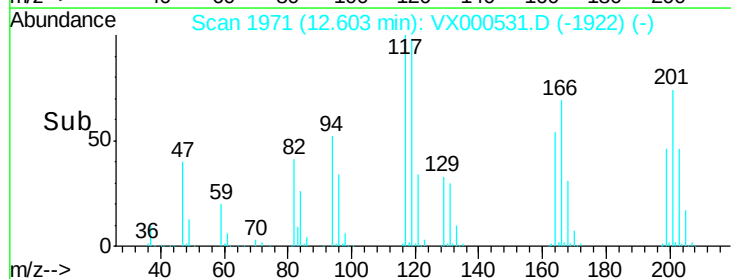
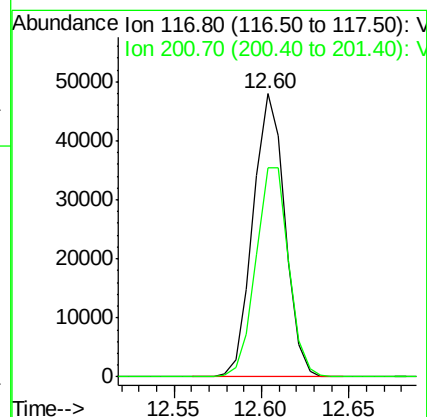
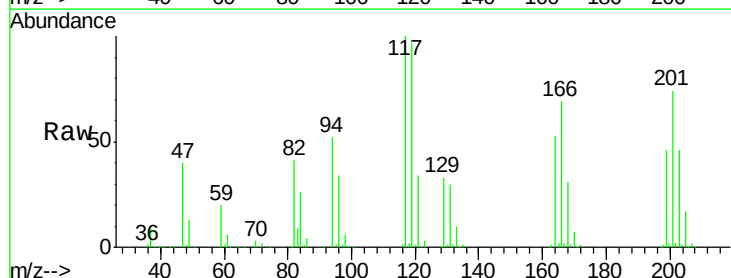
Acq: 29 Mar 2018 23:38

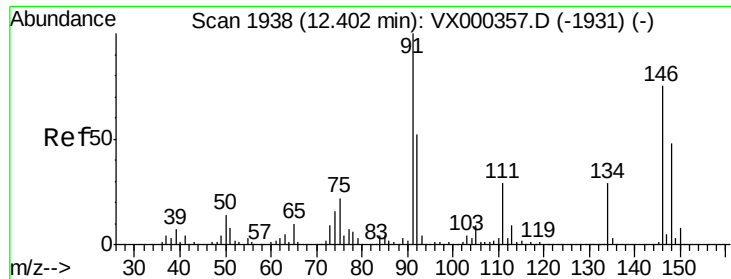
Tgt Ion: 117 Resp: 61272

Ion Ratio Lower Upper

117 100

201 76.5 37.9 113.6

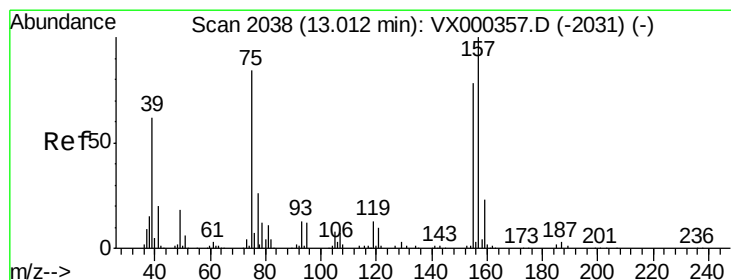
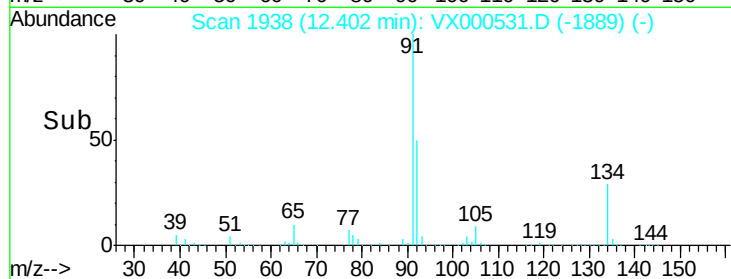
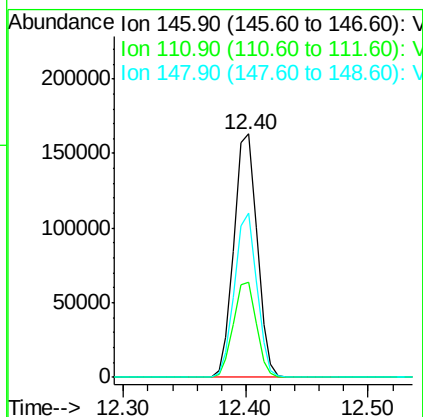
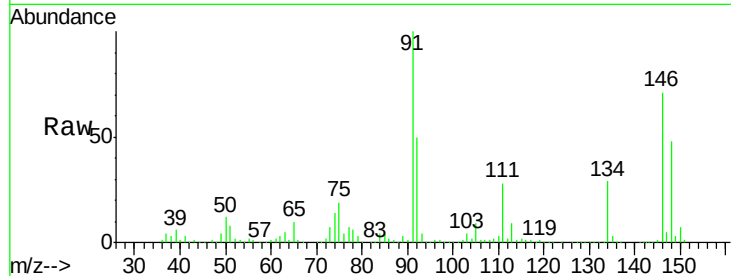




#91
 1,2-Dichlorobenzene
 Concen: 48.60 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000531.D
 Acq: 29 Mar 2018 23:38

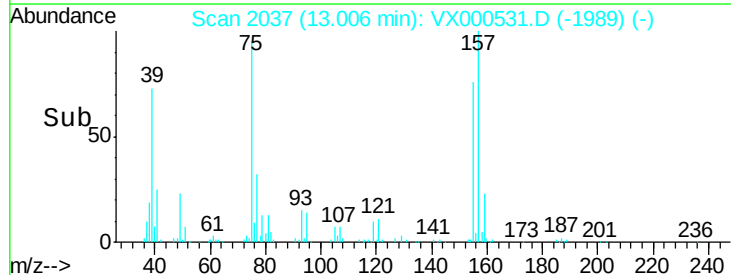
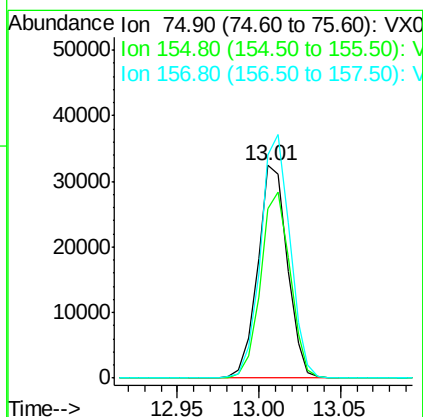
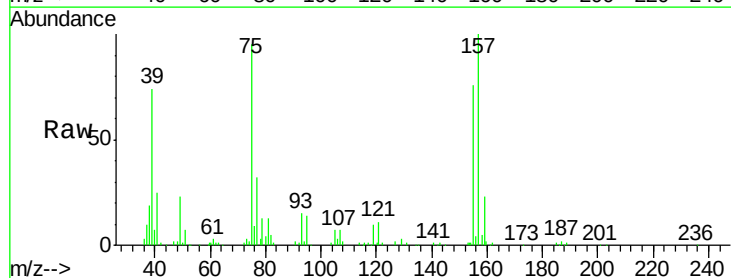
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

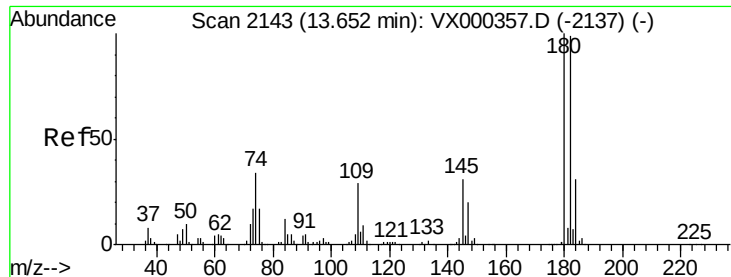
Tgt Ion: 146 Resp: 213346
 Ion Ratio Lower Upper
 146 100
 111 38.8 20.1 60.2
 148 64.8 31.2 93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.75 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000531.D
 Acq: 29 Mar 2018 23:38

Tgt Ion: 75 Resp: 40994
 Ion Ratio Lower Upper
 75 100
 155 87.0 45.0 134.8
 157 113.3 58.1 174.2

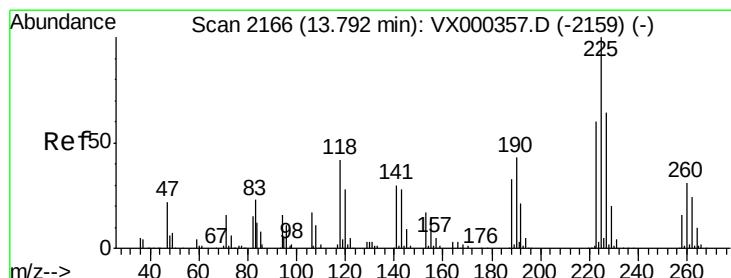
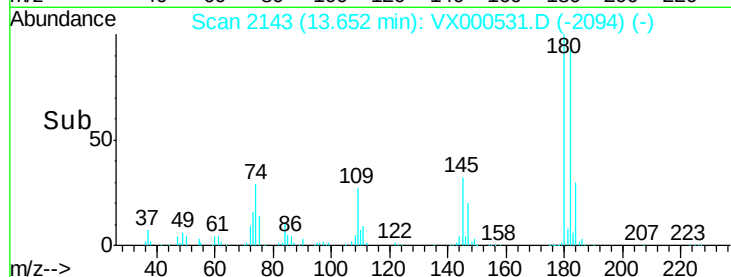
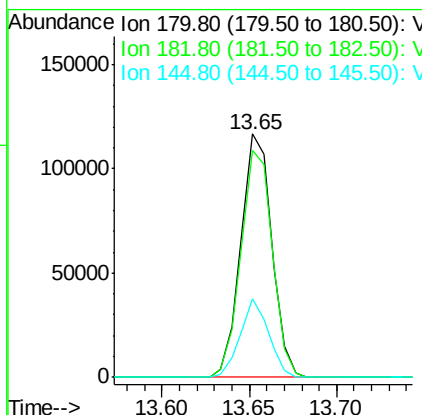
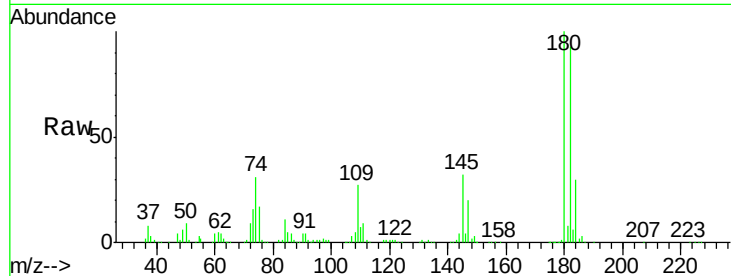




#93
 1,2,4-Trichlorobenzene
 Concen: 45.76 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000531.D
 Acq: 29 Mar 2018 23:38

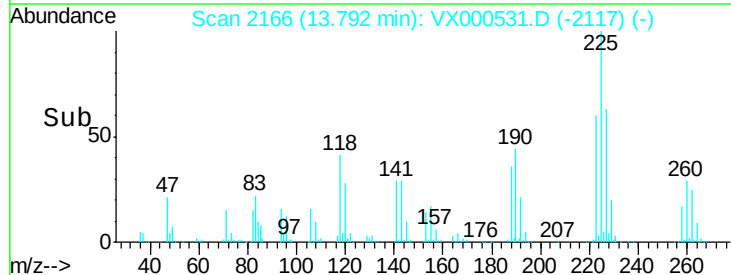
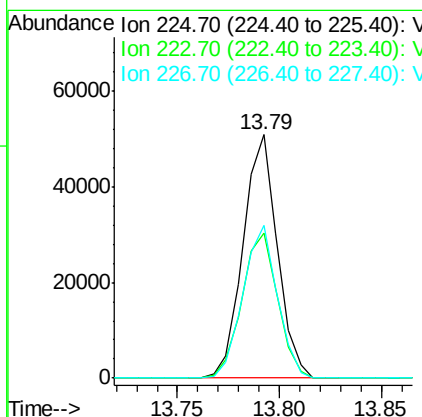
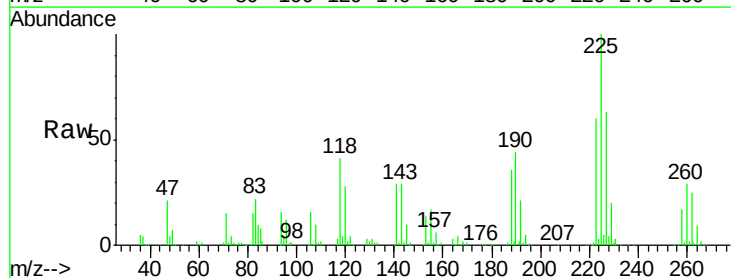
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

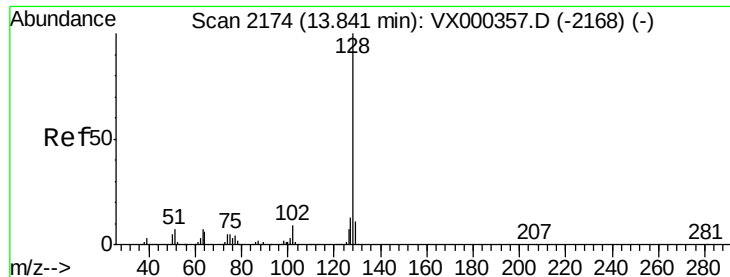
Tgt Ion:180 Resp: 144001
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.6 142.9
 145 29.6 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 45.48 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000531.D
 Acq: 29 Mar 2018 23:38

Tgt Ion:225 Resp: 59254
 Ion Ratio Lower Upper
 225 100
 223 62.7 32.0 96.0
 227 63.2 32.6 98.0





#95

Naphthalene

Concen: 49.00 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

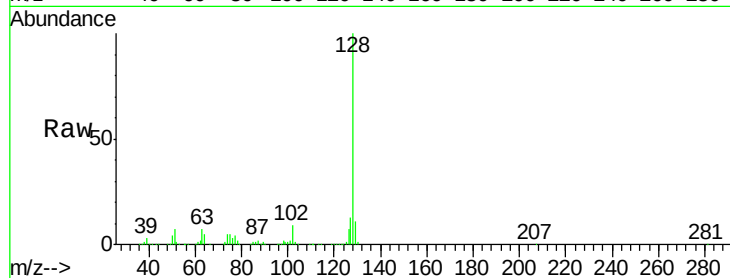
Tgt Ion:128 Resp: 537153

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

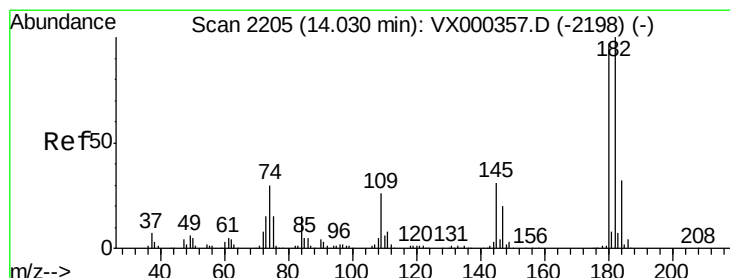
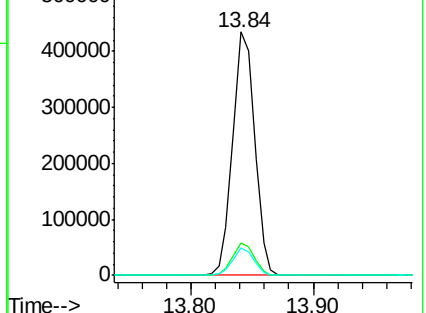
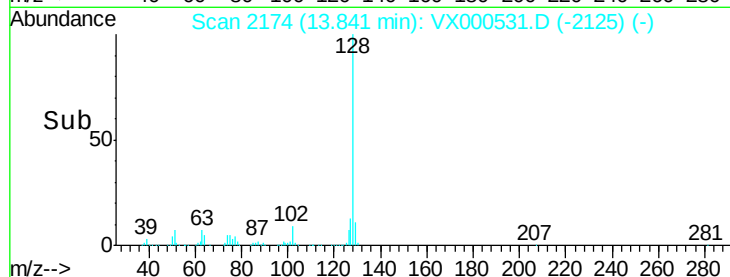
129 10.9 8.9 13.3



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: 47.63 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000531.D

Acq: 29 Mar 2018 23:38

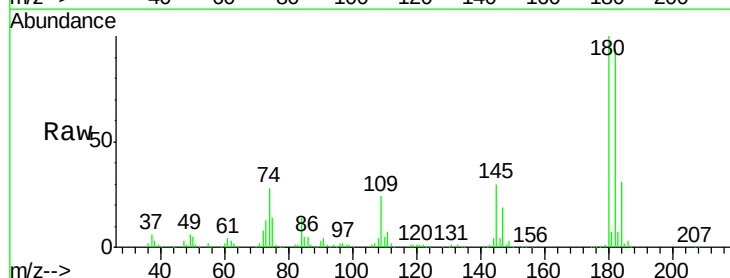
Tgt Ion:180 Resp: 148091

Ion Ratio Lower Upper

180 100

182 95.5 47.4 142.3

145 31.9 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

