

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033018\
 Data File : VX000565.D
 Acq On : 30 Mar 2018 17:31
 Operator : JC/MD
 Sample : VX0330MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330MBS01

Quant Time: Mar 31 05:00:42 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	231356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	368636	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	357166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	207038	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	133821	44.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.62%	
35) Dibromofluoromethane	5.51	113	118069	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
50) Toluene-d8	8.73	98	440788	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	
62) 4-Bromofluorobenzene	11.15	95	169421	42.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.40%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	40646	15.94	ug/l	100
3) Chloromethane	1.32	50	42631	15.87	ug/l	98
4) Vinyl Chloride	1.40	62	49738	17.52	ug/l	96
5) Bromomethane	1.64	94	49869	14.71	ug/l	92
6) Chloroethane	1.73	64	32544	20.00	ug/l	95
7) Trichlorofluoromethane	1.93	101	91022	17.77	ug/l	99
8) Diethyl Ether	2.20	74	32267	17.62	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51367	17.98	ug/l	91
10) Methyl Iodide	2.51	142	44000	18.49	ug/l	98
11) Tert butyl alcohol	3.09	59	89992	86.63	ug/l	99
12) 1,1-Dichloroethene	2.37	96	47622	18.99	ug/l	92
13) Acrolein	2.30	56	58362	180.28	ug/l	97
14) Allyl chloride	2.73	41	74989	16.86	ug/l	98
15) Acrylonitrile	3.16	53	175081	83.21	ug/l	100
16) Acetone	2.45	43	207879	82.75	ug/l	100
17) Carbon Disulfide	2.57	76	112576	16.89	ug/l	97
18) Methyl Acetate	2.79	43	83936	15.94	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	165397	17.83	ug/l	99
20) Methylene Chloride	2.86	84	55214	19.03	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	51334	18.35	ug/l	94
22) Diisopropyl ether	3.89	45	124670	15.90	ug/l	92
23) Vinyl Acetate	3.84	43	573910	77.23	ug/l	97
24) 1,1-Dichloroethane	3.70	63	70809	14.37	ug/l	97
25) 2-Butanone	4.72	43	238799	84.57	ug/l	99
26) 2,2-Dichloropropane	4.60	77	62233	18.02	ug/l	97
27) cis-1,2-Dichloroethene	4.61	96	50030	19.14	ug/l	92
28) Bromochloromethane	5.03	49	36598	18.01	ug/l	85
29) Tetrahydrofuran	5.18	42	141588	81.49	ug/l	96
30) Chloroform	5.23	83	82595	17.88	ug/l	100
31) Cyclohexane	5.59	56	64980	17.05	ug/l	89
32) 1,1,1-Trichloroethane	5.51	97	75767	18.18	ug/l	95
36) 1,1-Dichloropropene	5.81	75	62192	18.01	ug/l	96
37) Ethyl Acetate	4.88	43	77452	16.42	ug/l	97
38) Carbon Tetrachloride	5.79	117	61775	17.05	ug/l	98

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Instrument :
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Quant Time: Mar 31 05:00:42 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	73642	17.54	ug/l	99
40) Benzene	6.15	78	183612	18.31	ug/l	98
41) Methacrylonitrile	5.07	41	39765	15.99	ug/l	94
42) 1,2-Dichloroethane	6.21	62	65902	16.75	ug/l	96
43) Isopropyl Acetate	6.48	43	110540	15.74	ug/l	95
44) Trichloroethene	7.22	130	55385	19.28	ug/l	92
45) 1,2-Dichloropropane	7.52	63	44170	17.21	ug/l	98
46) Dibromomethane	7.67	93	34642	17.19	ug/l	92
47) Bromodichloromethane	7.91	83	59107	16.67	ug/l	98
48) Methyl methacrylate	7.79	41	53619	15.73	ug/l	94
49) 1,4-Dioxane	7.77	88	28459	397.20	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	415150	76.39	ug/l	98
52) Toluene	8.79	92	123297	17.59	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	71270	17.35	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	64542	16.20	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	50975	17.68	ug/l	98
56) Ethyl methacrylate	9.19	69	73770	16.89	ug/l	91
57) 1,3-Dichloropropane	9.38	76	81323	17.64	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	171287	81.70	ug/l	96
59) 2-Hexanone	9.51	43	352335	76.35	ug/l	97
60) Dibromochloromethane	9.59	129	49953	17.55	ug/l	98
61) 1,2-Dibromoethane	9.68	107	56504	18.28	ug/l	99
64) Tetrachloroethene	9.34	164	52688	19.01	ug/l	96
65) Chlorobenzene	10.15	112	148419	18.67	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	49535	18.35	ug/l	97
67) Ethyl Benzene	10.26	91	243923	18.10	ug/l	97
68) m/p-Xylenes	10.37	106	193666	36.53	ug/l	96
69) o-Xylene	10.71	106	94947	18.49	ug/l	95
70) Styrene	10.72	104	155692	18.33	ug/l	96
71) Bromoform	10.87	173	37904	16.96	ug/l #	97
73) Isopropylbenzene	11.02	105	252303	18.39	ug/l	99
74) N-amyl acetate	6.48	43	110540	16.27	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	84450	17.41	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	94399	21.22	ug/l	84
77) Bromobenzene	11.26	156	68866	18.85	ug/l	93
78) n-propylbenzene	11.37	91	292046	17.85	ug/l	99
79) 2-Chlorotoluene	11.43	91	166618	17.63	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	210500	18.25	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.09	75	19908	14.49	ug/l	90
82) 4-Chlorotoluene	11.52	91	201365	17.85	ug/l	96
83) tert-Butylbenzene	11.78	119	213766	18.38	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	218352	18.06	ug/l	97
85) sec-Butylbenzene	11.95	105	259834	18.05	ug/l	99
86) p-Isopropyltoluene	12.07	119	238209	18.63	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	133217	19.28	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	134317	18.52	ug/l	98
89) n-Butylbenzene	12.40	91	211697	17.79	ug/l	98
90) Hexachloroethane	12.60	117	33127	16.46	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	128497	18.97	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21086	15.58	ug/l #	38

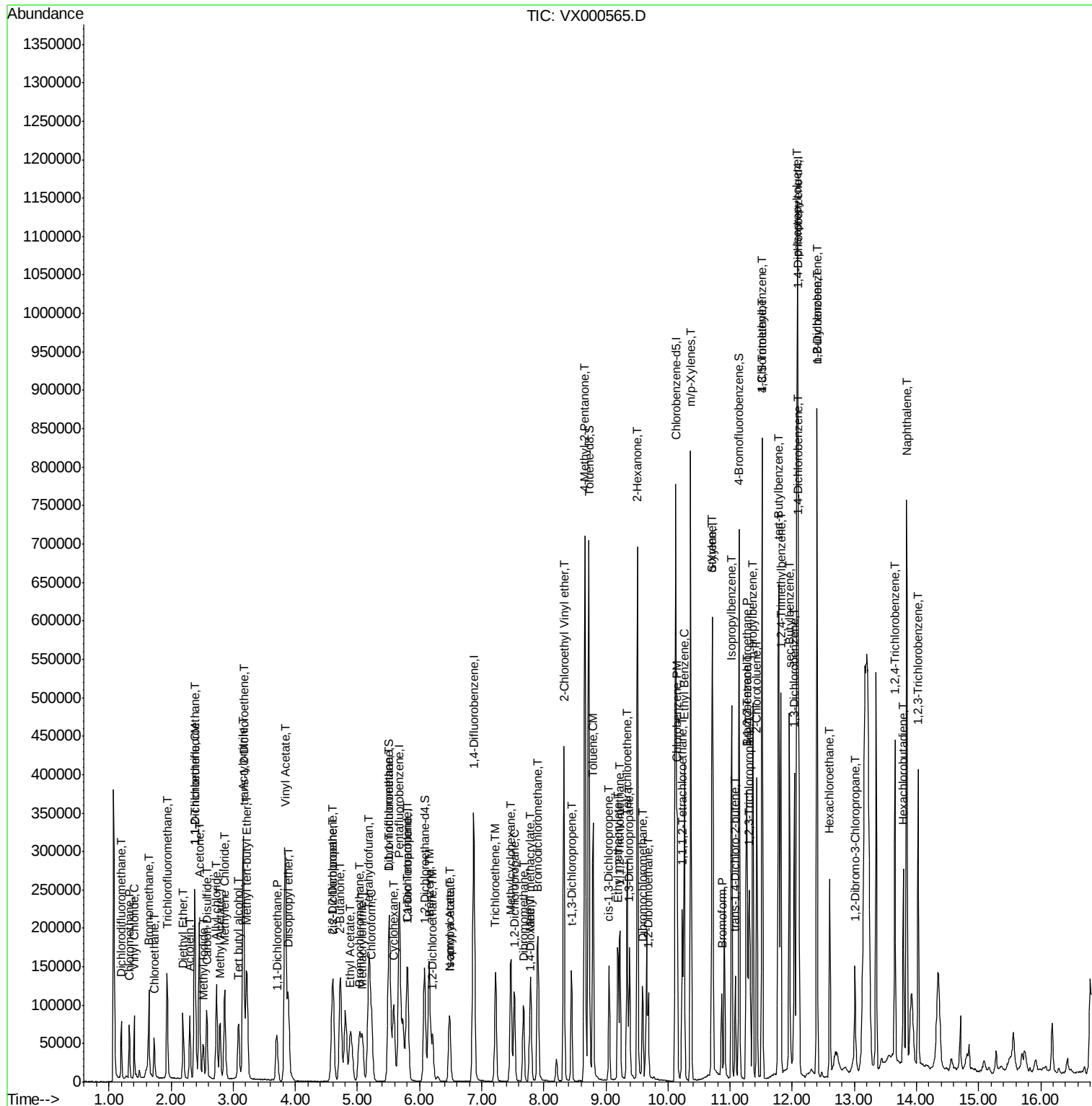
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033018\
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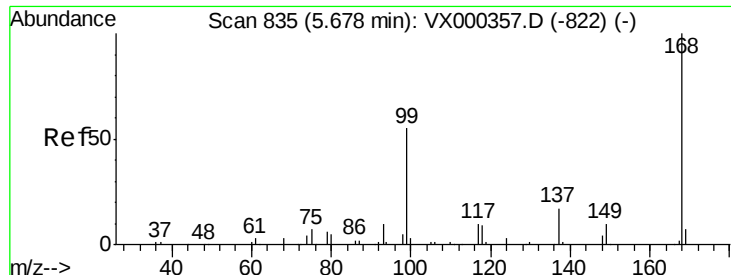
Instrument :
MSVOA_X
ClientSampleId :
VX0330MBS01

Quant Time: Mar 31 05:00:42 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	98326	20.25	ug/l	99
94) Hexachlorobutadiene	13.79	225	36517	18.16	ug/l	98
95) Naphthalene	13.84	128	464557	27.46	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	98210	20.47	ug/l	98

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

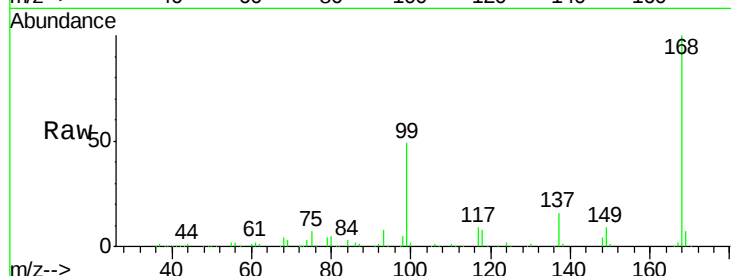
VX0330MBS01

Tgt Ion: 168 Resp: 231356

Ion Ratio Lower Upper

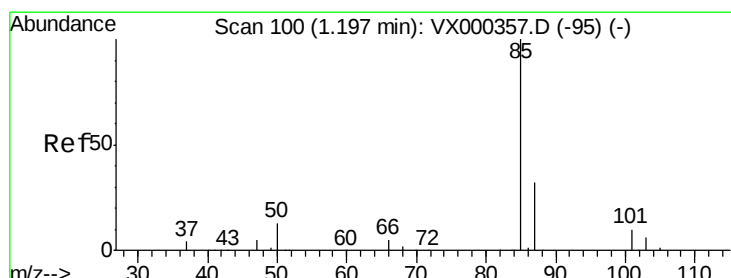
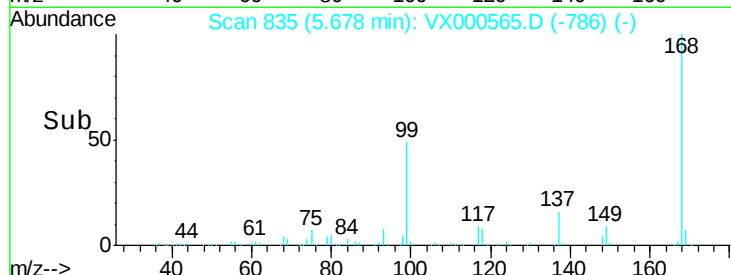
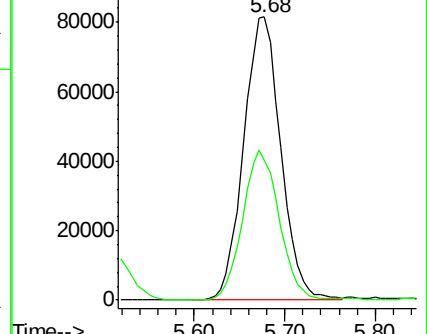
168 100

99 49.3 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: 15.94 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000565.D

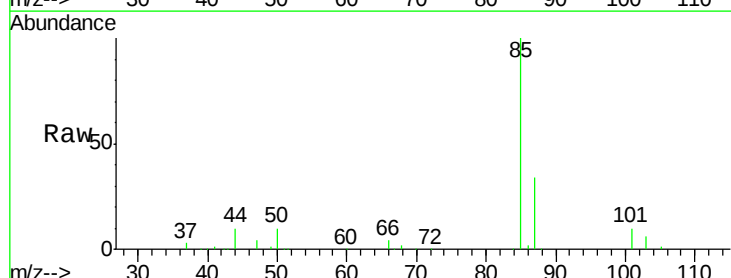
Acq: 30 Mar 2018 17:31

Tgt Ion: 85 Resp: 40646

Ion Ratio Lower Upper

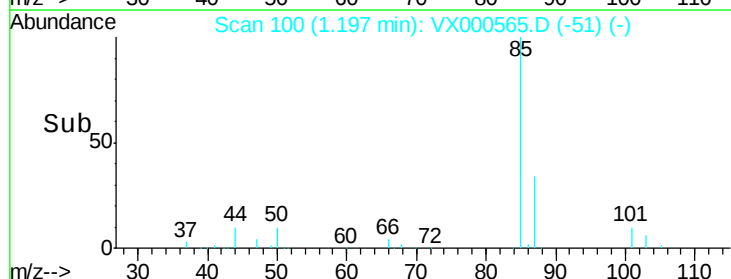
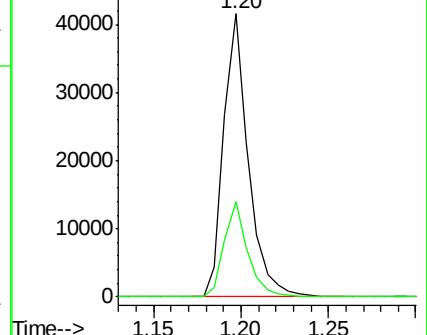
85 100

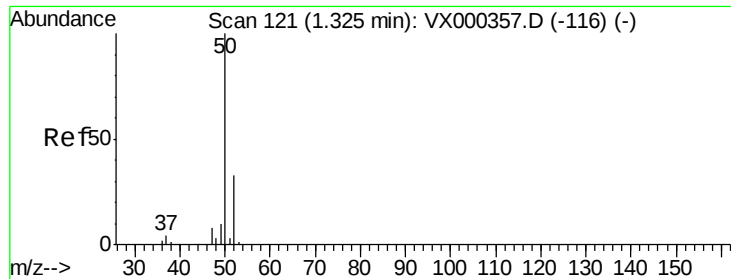
87 33.5 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 15.87 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

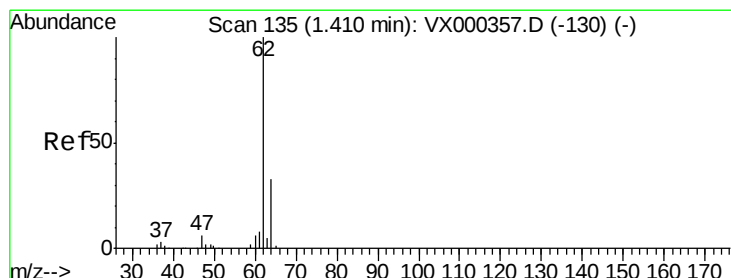
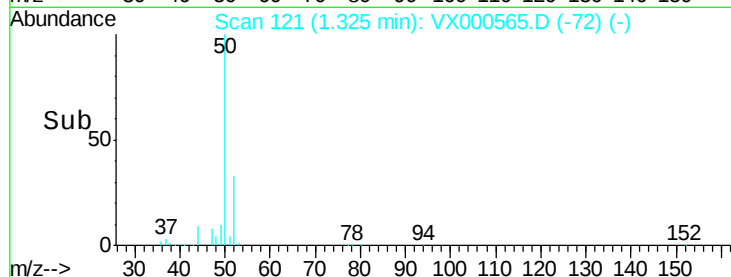
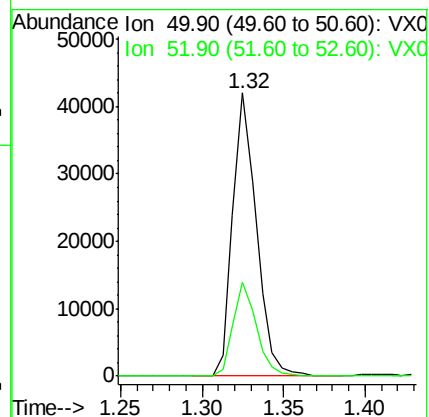
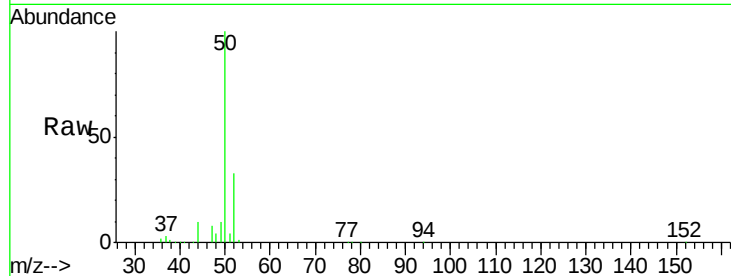
VX0330MBS01

Tgt Ion: 50 Resp: 42631

Ion Ratio Lower Upper

50 100

52 33.2 27.5 41.3



#4

Vinyl Chloride

Concen: 17.52 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000565.D

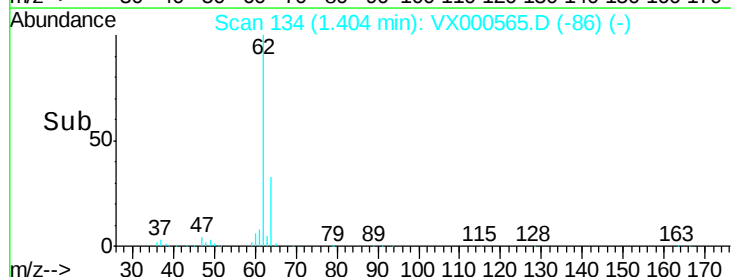
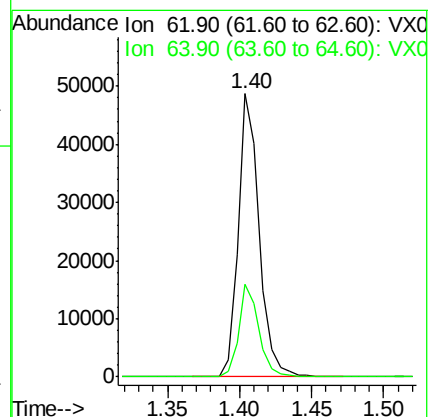
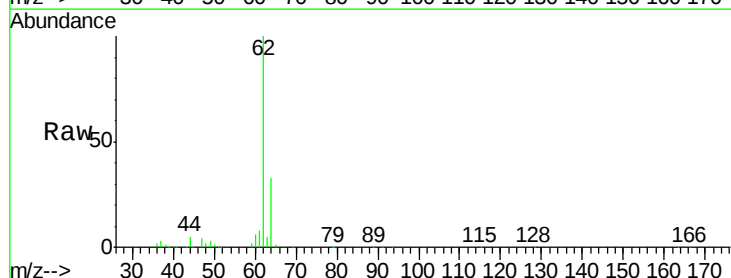
Acq: 30 Mar 2018 17:31

Tgt Ion: 62 Resp: 49738

Ion Ratio Lower Upper

62 100

64 33.0 24.8 37.2





#5

Bromomethane

Concen: 14.71 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

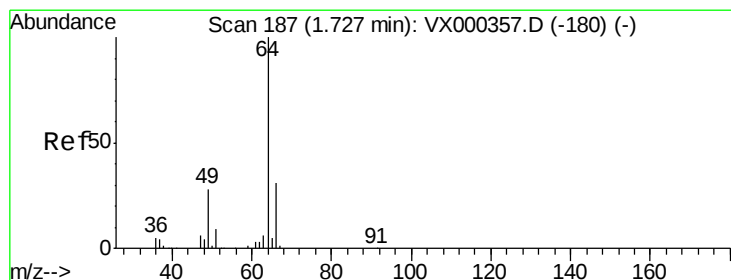
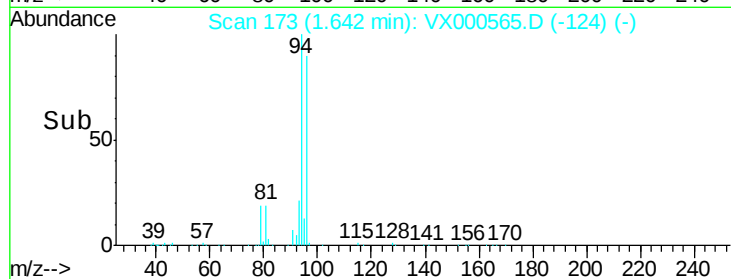
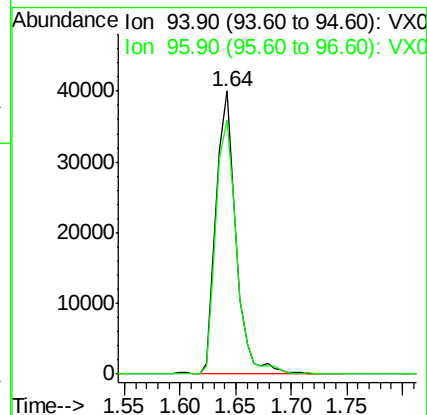
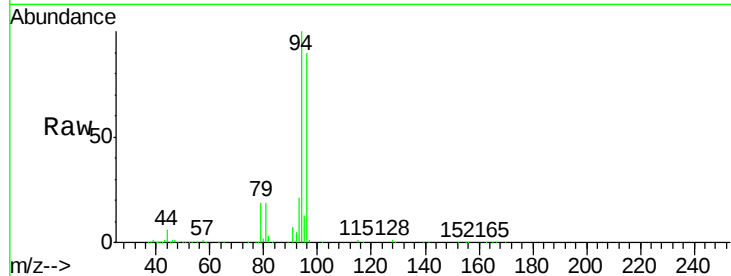
VX0330MBS01

Tgt Ion: 94 Resp: 49869

Ion Ratio Lower Upper

94 100

96 89.7 77.7 116.5



#6

Chloroethane

Concen: 20.00 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000565.D

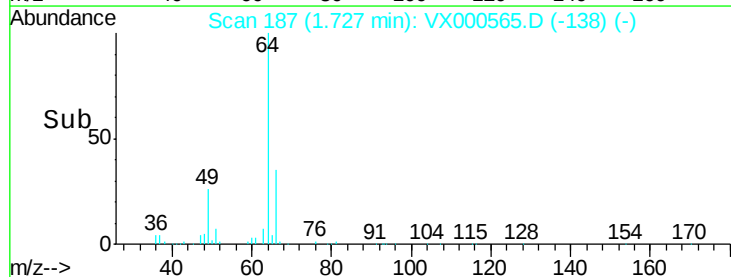
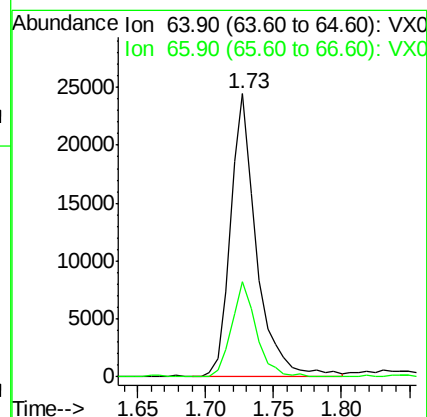
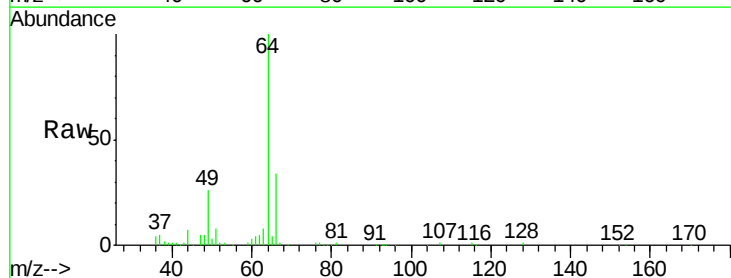
Acq: 30 Mar 2018 17:31

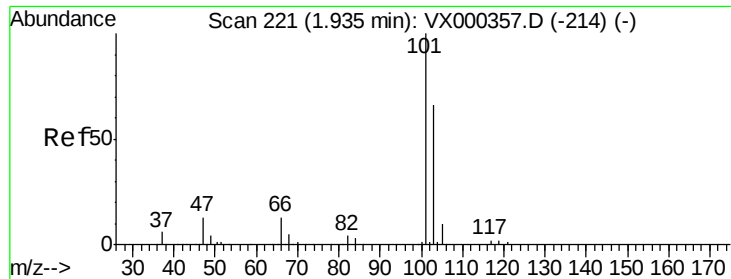
Tgt Ion: 64 Resp: 32544

Ion Ratio Lower Upper

64 100

66 33.7 24.8 37.2



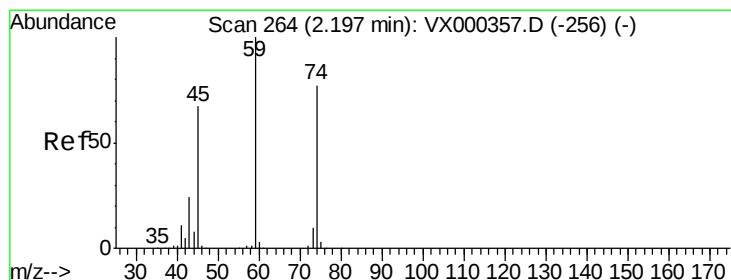
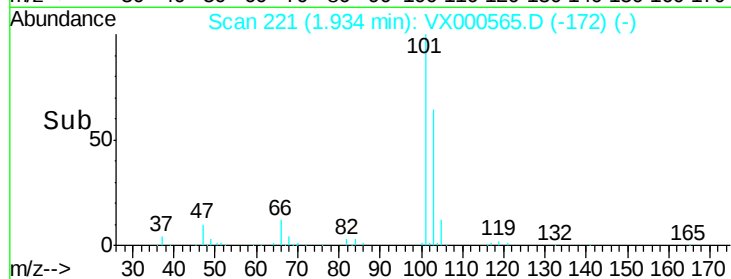
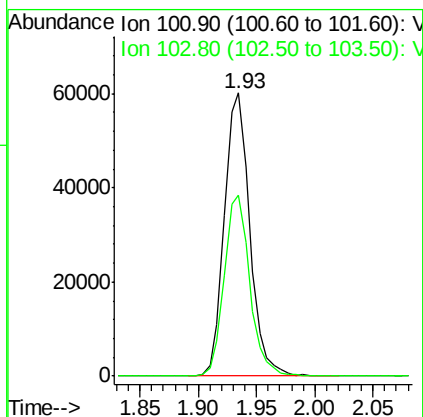
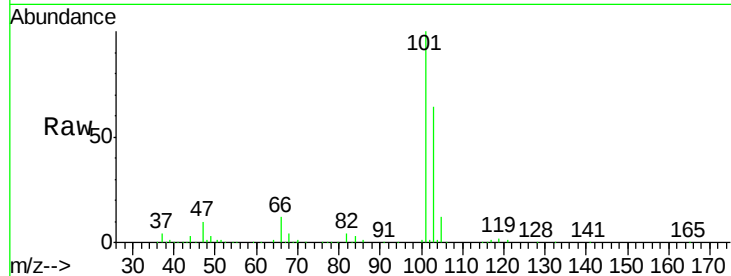


#7

Trichlorofluoromethane
 Concen: 17.77 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330MBS01

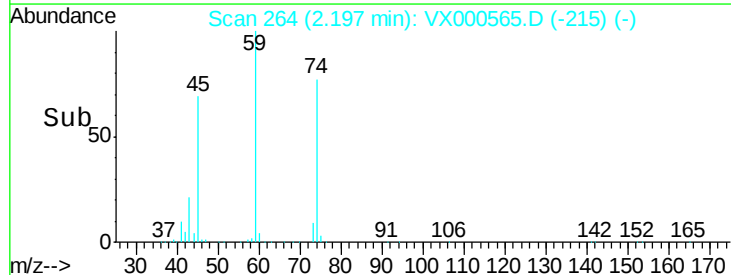
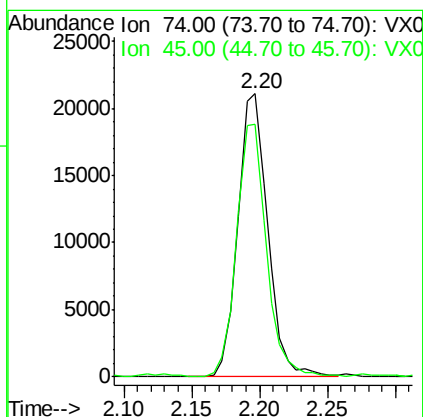
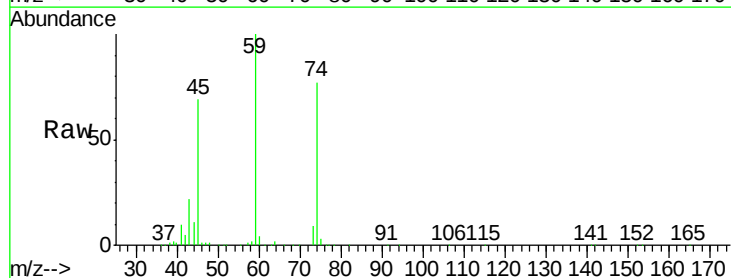
Tgt Ion: 101 Resp: 91022
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.6 77.4



#8

Diethyl Ether
 Concen: 17.62 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Tgt Ion: 74 Resp: 32267
 Ion Ratio Lower Upper
 74 100
 45 89.6 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.98 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBS01

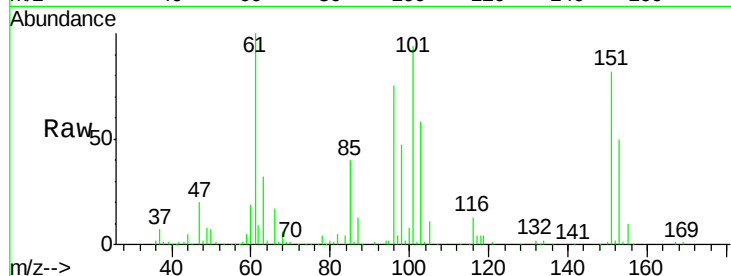
Tgt Ion:101 Resp: 51367

Ion Ratio Lower Upper

101 100

85 44.1 37.6 56.4

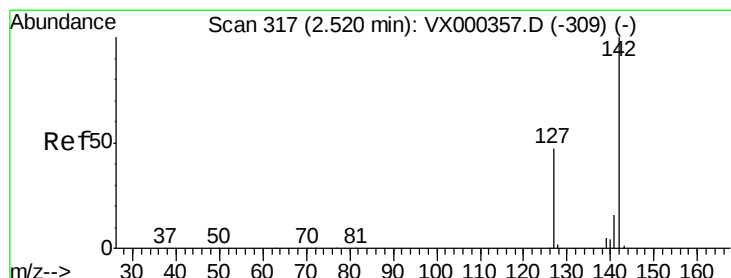
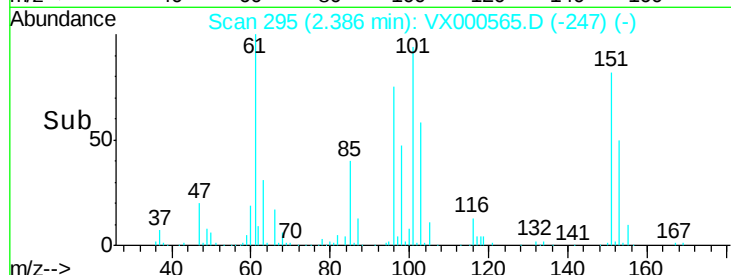
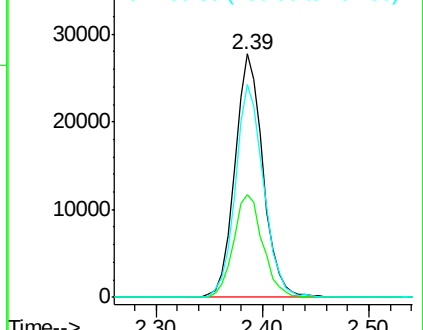
151 88.1 62.6 93.8



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: 18.49 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

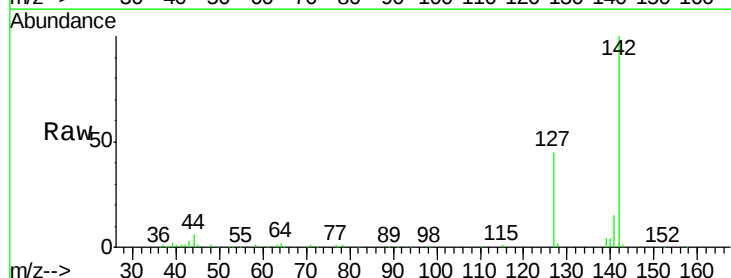
Tgt Ion:142 Resp: 44000

Ion Ratio Lower Upper

142 100

127 47.4 39.2 58.8

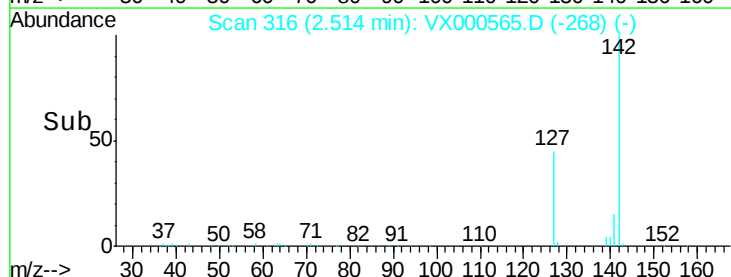
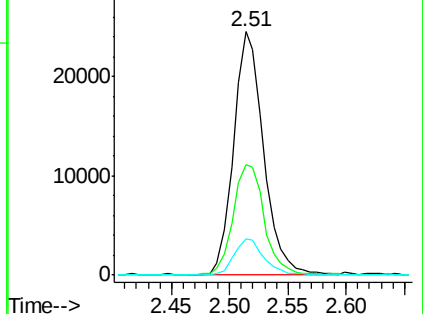
141 14.9 11.7 17.5

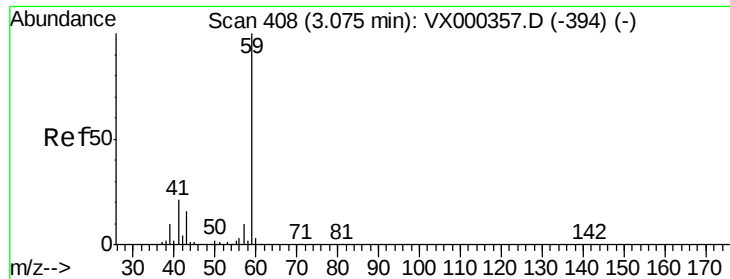


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



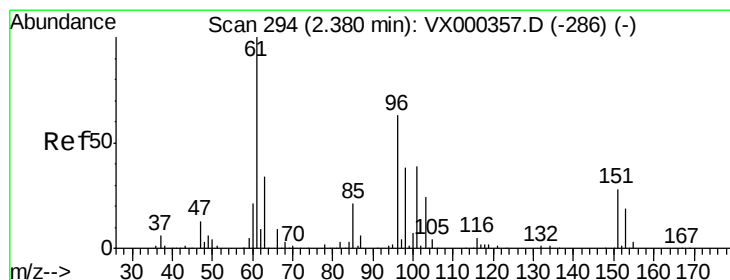
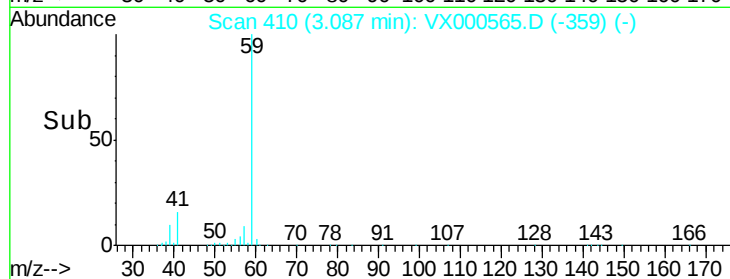
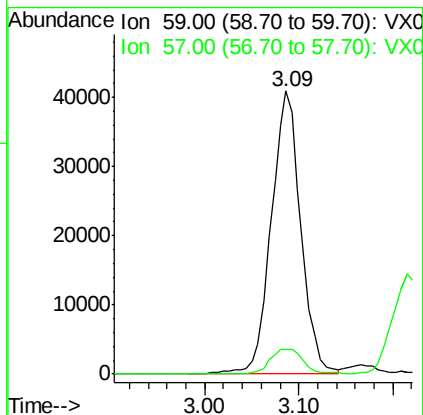
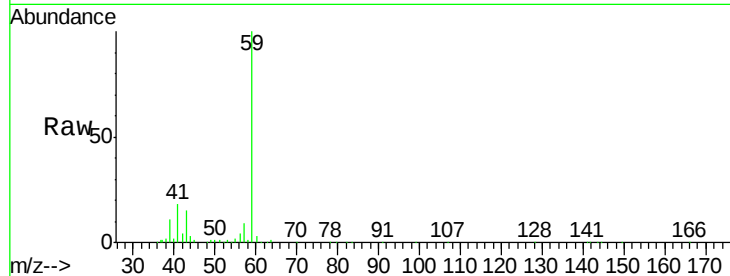


#11

Tert butyl alcohol
Concen: 86.63 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBS01

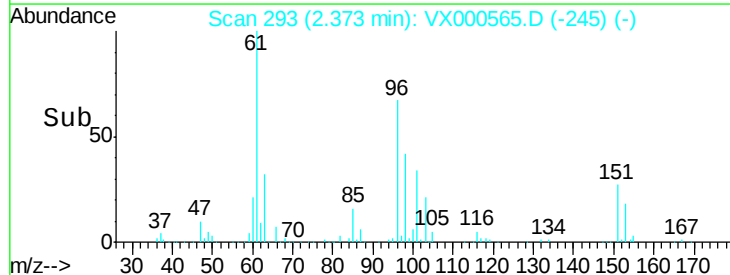
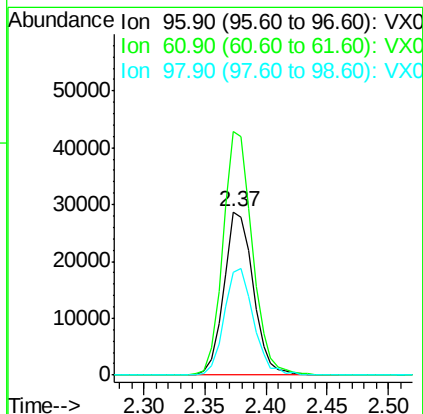
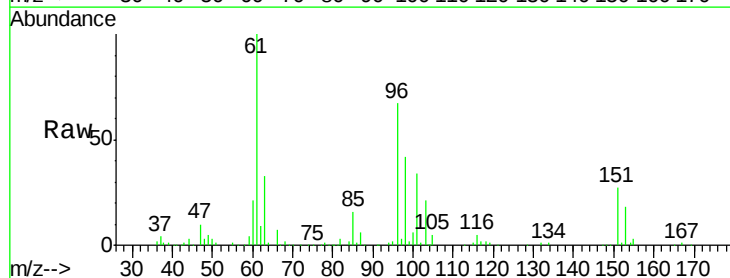
Tgt Ion: 59 Resp: 89992
Ion Ratio Lower Upper
59 100
57 10.1 8.4 12.6

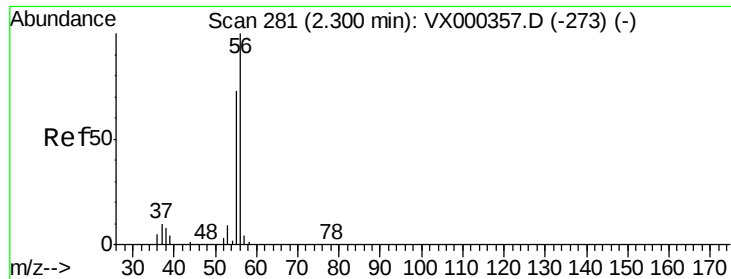


#12

1,1-Dichloroethene
Concen: 18.99 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.01 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Tgt Ion: 96 Resp: 47622
Ion Ratio Lower Upper
96 100
61 148.6 131.2 196.8
98 62.6 49.8 74.8





#13

Acrolein

Concen: 180.28 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

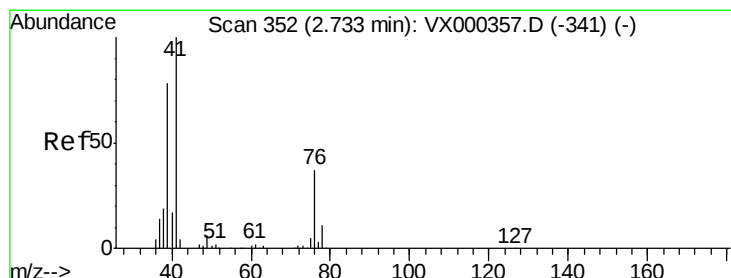
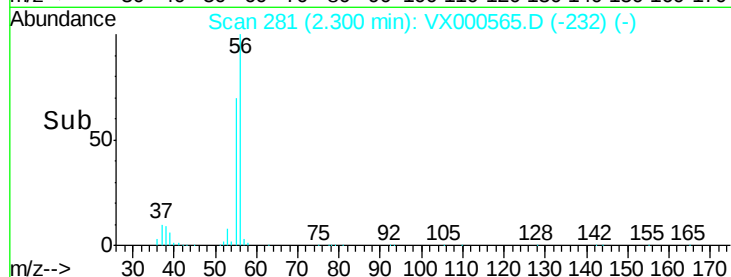
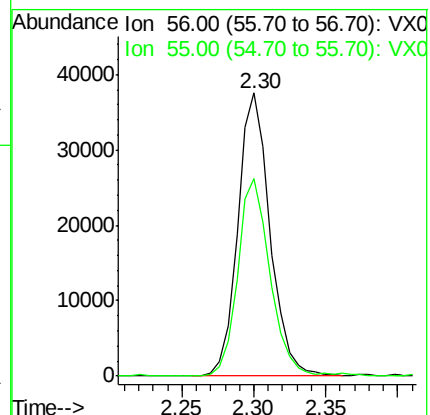
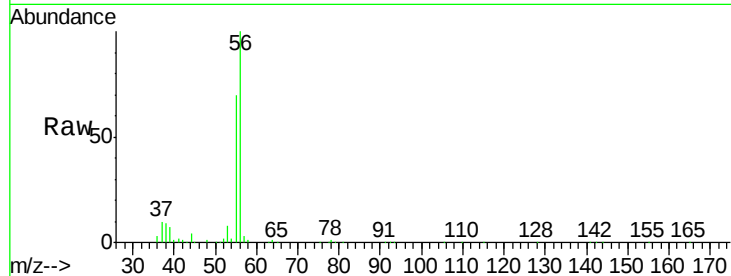
VX0330MBS01

Tgt Ion: 56 Resp: 58362

Ion Ratio Lower Upper

56 100

55 70.8 58.8 88.2



#14

Allyl chloride

Concen: 16.86 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

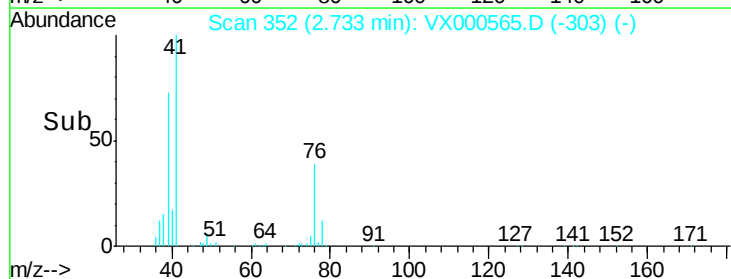
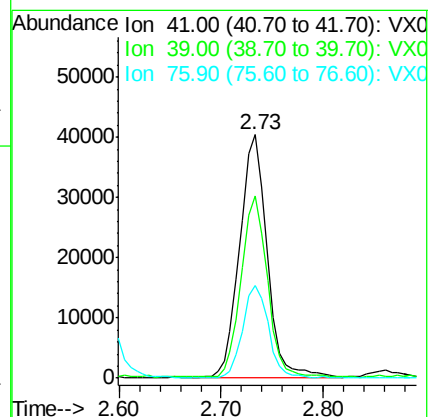
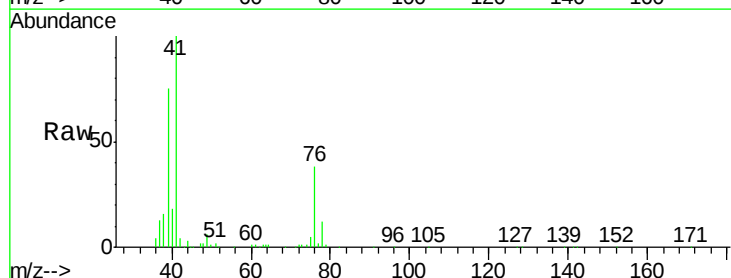
Tgt Ion: 41 Resp: 74989

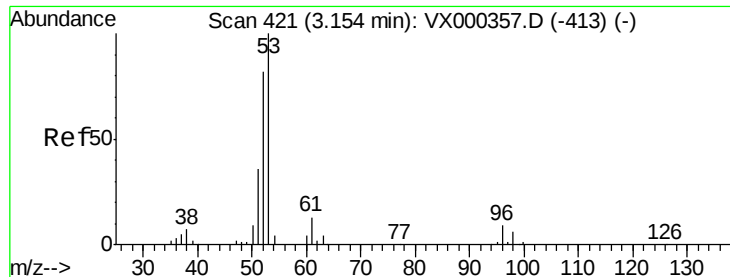
Ion Ratio Lower Upper

41 100

39 71.3 57.6 86.4

76 35.9 27.3 40.9





#15

Acrylonitrile

Concen: 83.21 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBS01

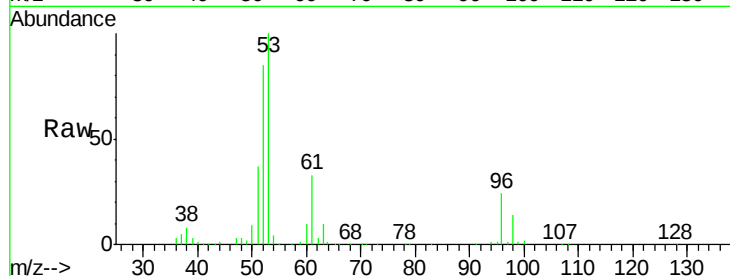
Tgt Ion: 53 Resp: 175081

Ion Ratio Lower Upper

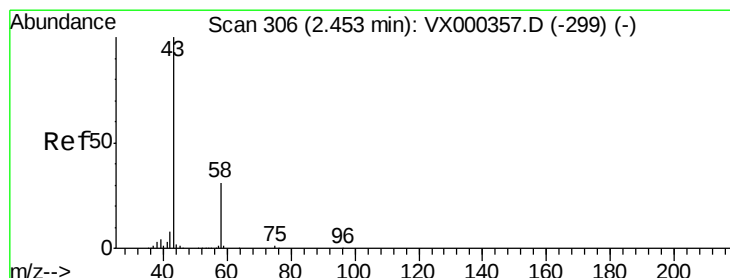
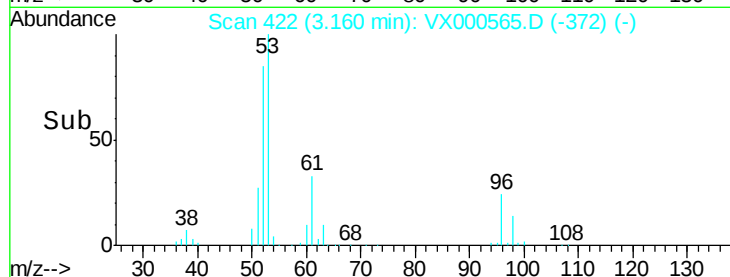
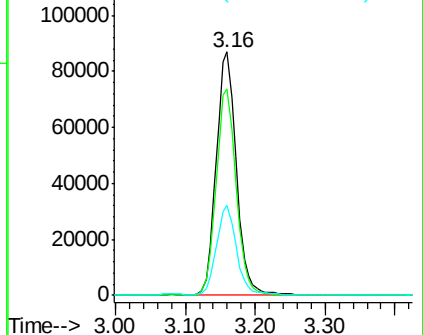
53 100

52 83.3 66.6 99.8

51 36.6 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 82.75 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000565.D

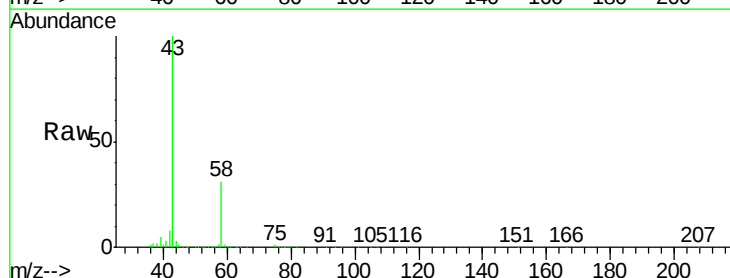
Acq: 30 Mar 2018 17:31

Tgt Ion: 43 Resp: 207879

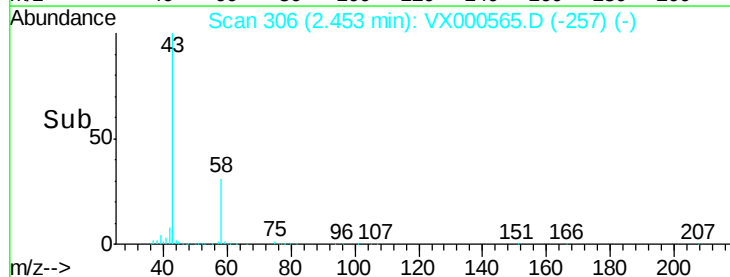
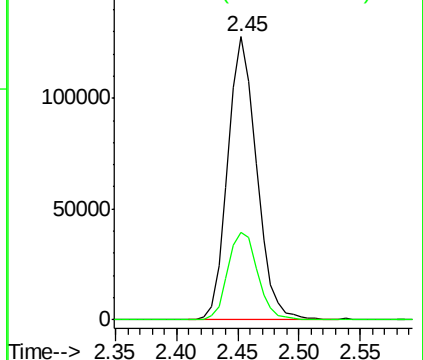
Ion Ratio Lower Upper

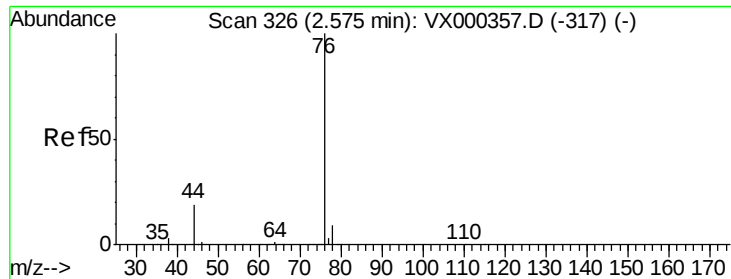
43 100

58 31.0 24.7 37.1



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

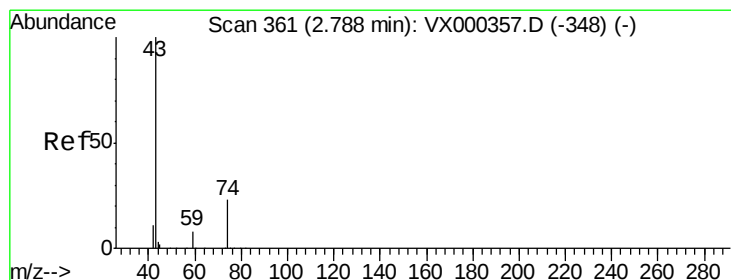
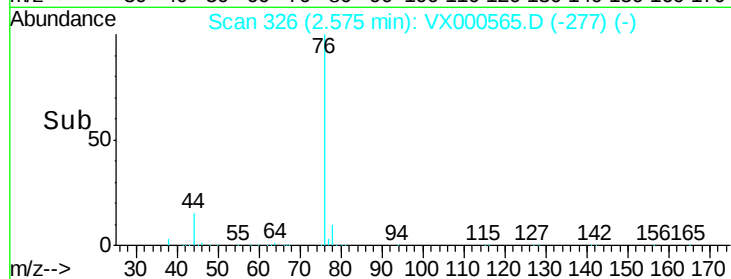
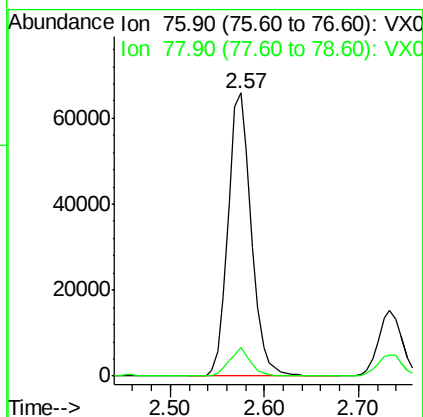
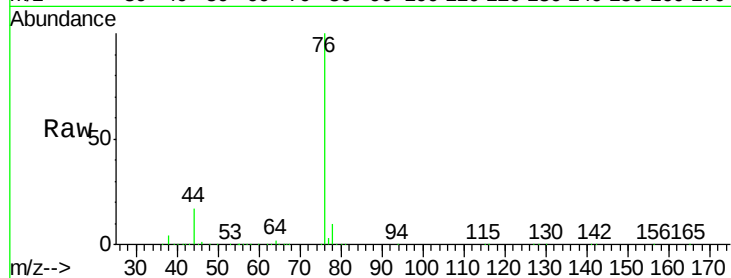




#17
Carbon Disulfide
Concen: 16.89 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

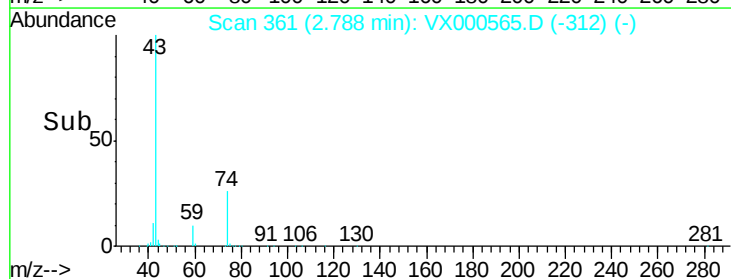
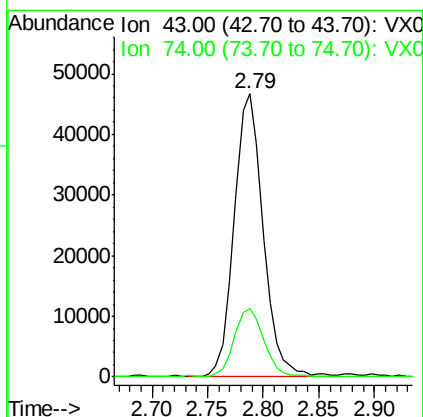
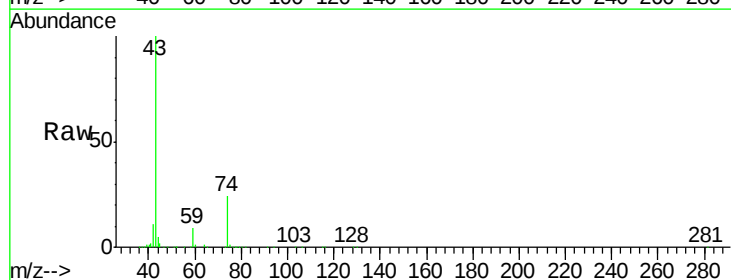
Instrument :
MSVOA_X
ClientSampleId :
VX0330MBS01

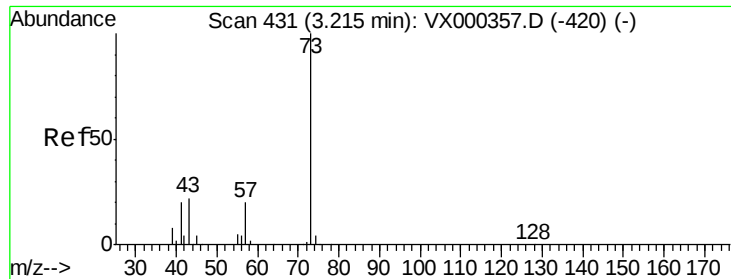
Tgt Ion: 76 Resp: 112576
Ion Ratio Lower Upper
76 100
78 10.0 7.0 10.6



#18
Methyl Acetate
Concen: 15.94 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Tgt Ion: 43 Resp: 83936
Ion Ratio Lower Upper
43 100
74 25.3 19.4 29.2

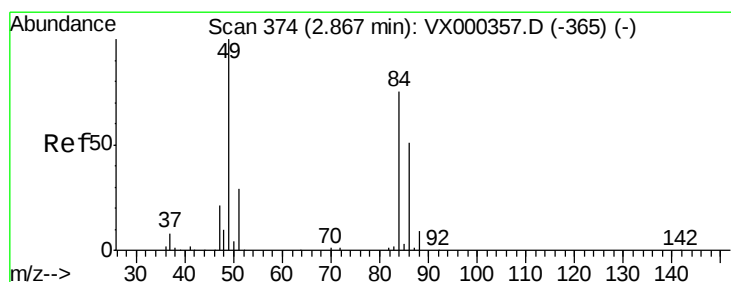
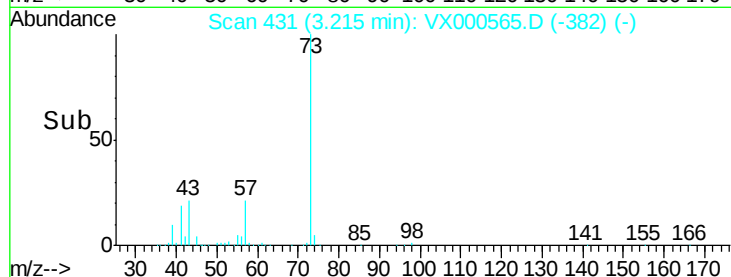
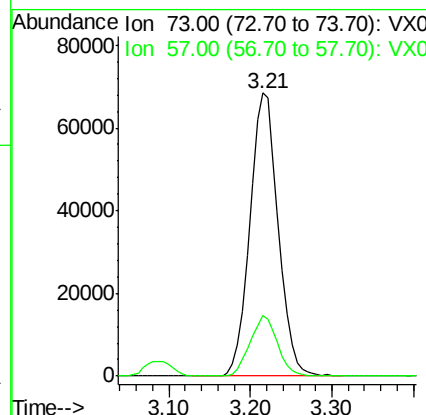
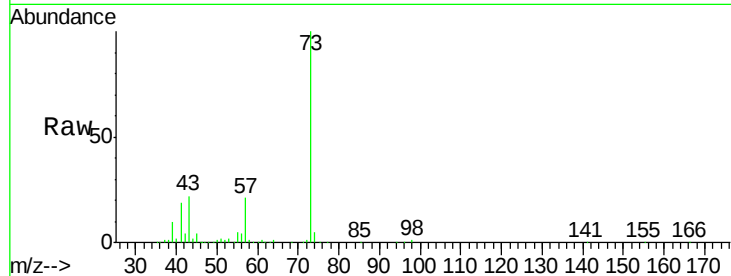




#19
Methyl tert-butyl Ether
Concen: 17.83 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

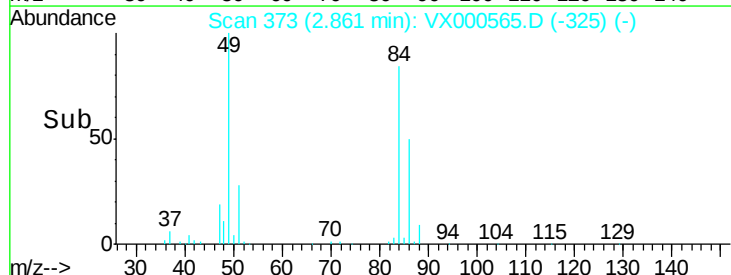
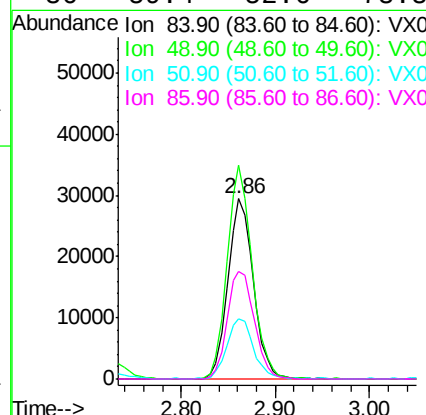
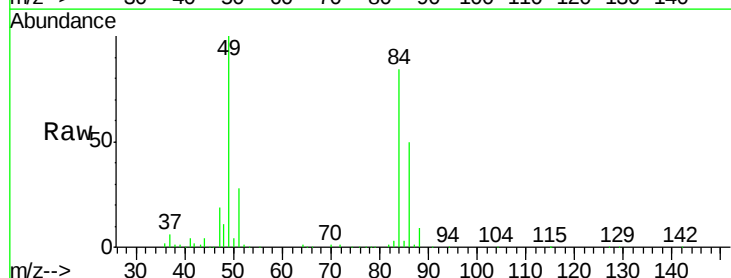
Instrument :
MSVOA_X
ClientSampleId :
VX0330MBS01

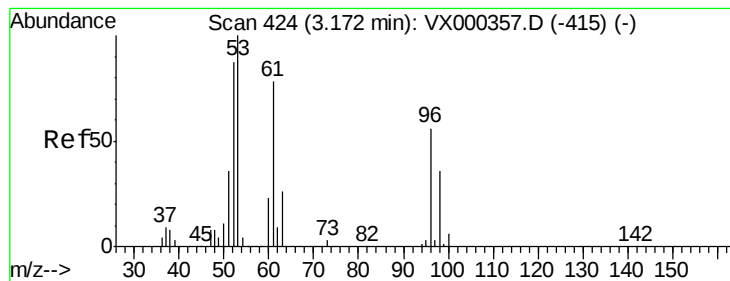
Tgt Ion: 73 Resp: 165397
Ion Ratio Lower Upper
73 100
57 21.2 17.2 25.8



#20
Methylene Chloride
Concen: 19.03 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Tgt Ion: 84 Resp: 55214
Ion Ratio Lower Upper
84 100
49 118.3 100.6 151.0
51 33.4 31.6 47.4
86 59.4 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 18.35 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBS01

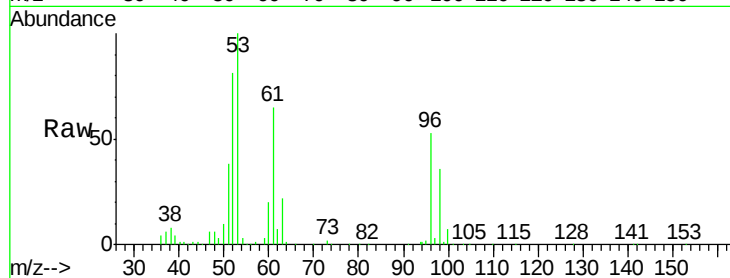
Tgt Ion: 96 Resp: 51334

Ion Ratio Lower Upper

96 100

61 122.3 104.0 156.0

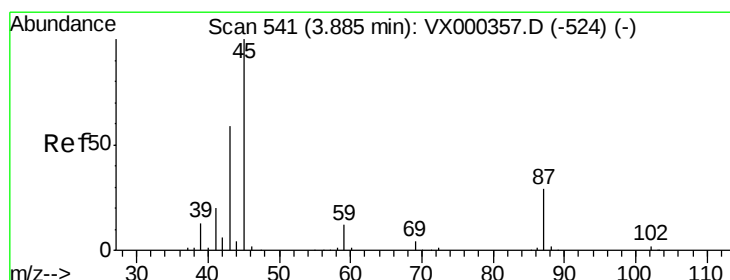
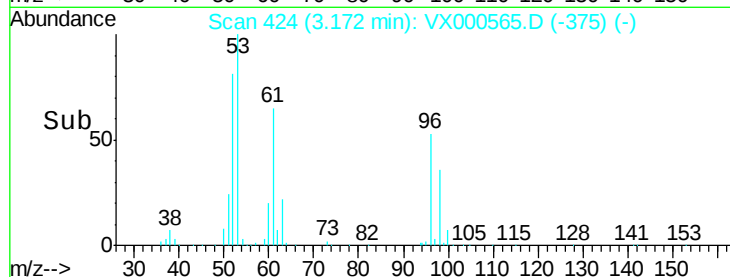
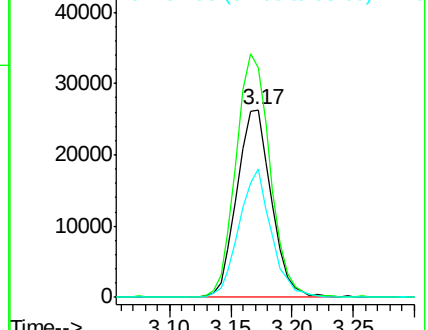
98 68.2 52.1 78.1



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: 15.90 ug/l

RT: 3.89 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Tgt Ion: 45 Resp: 124670

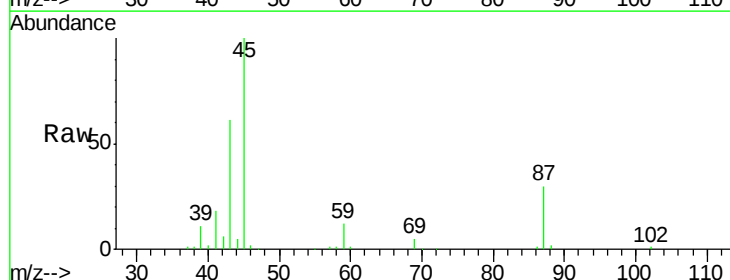
Ion Ratio Lower Upper

45 100

43 58.7 53.9 80.9

87 29.7 22.6 34.0

59 12.3 9.5 14.3

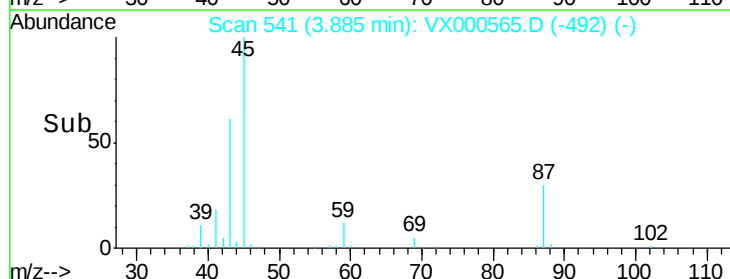
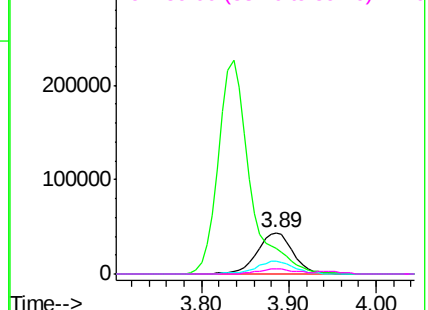


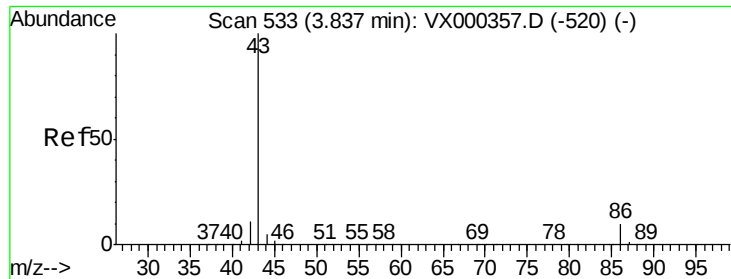
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 77.23 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

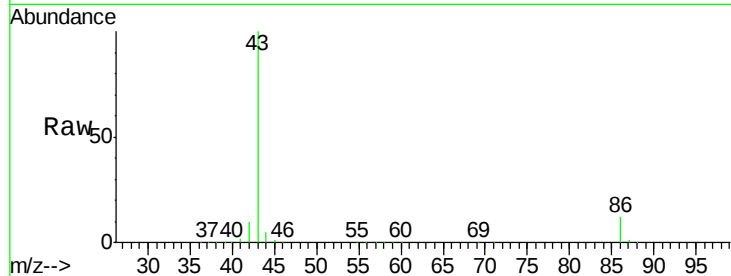
VX0330MBS01

Tgt Ion: 43 Resp: 573910

Ion Ratio Lower Upper

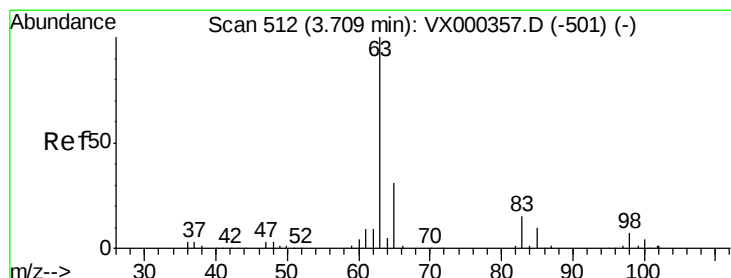
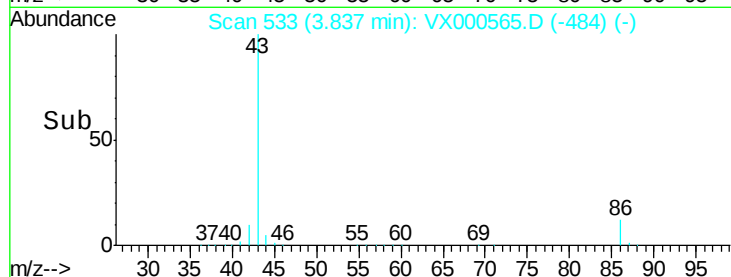
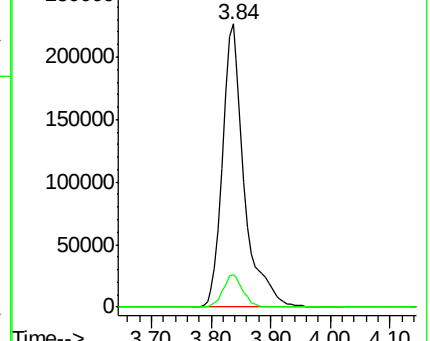
43 100

86 11.7 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 14.37 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

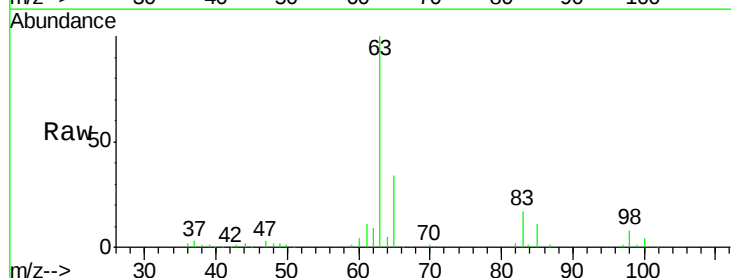
Tgt Ion: 63 Resp: 70809

Ion Ratio Lower Upper

63 100

98 7.8 3.3 9.9

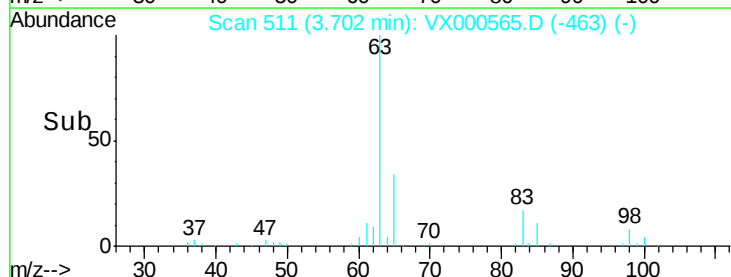
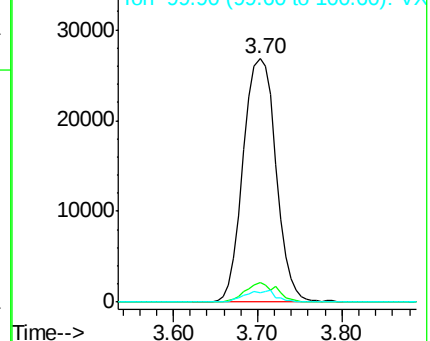
100 3.7 2.0 5.8

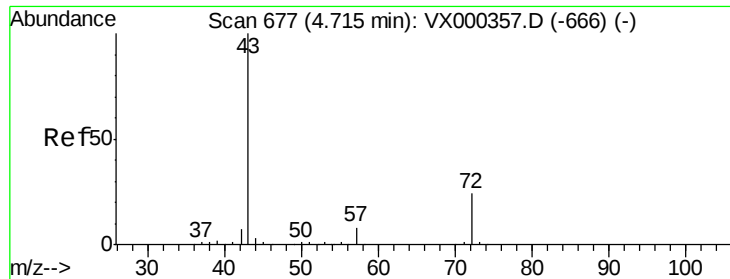


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 84.57 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

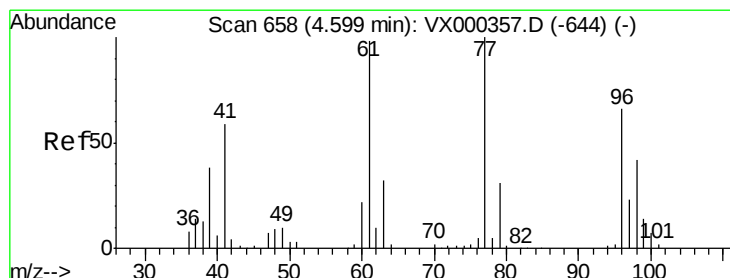
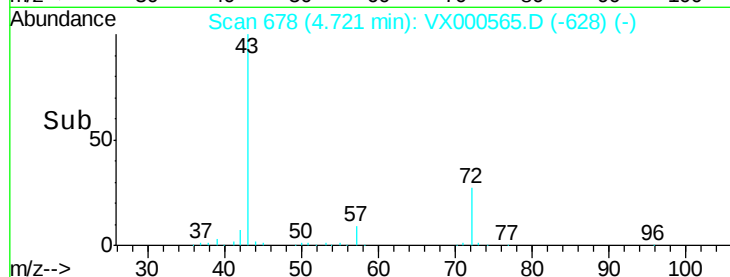
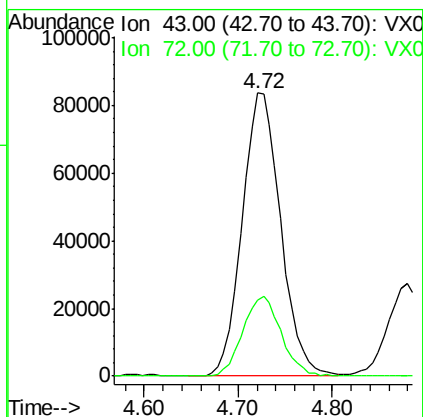
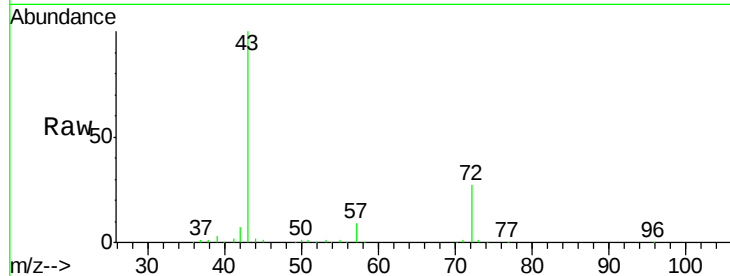
VX0330MBS01

Tgt Ion: 43 Resp: 238799

Ion Ratio Lower Upper

43 100

72 26.6 21.0 31.6



#26

2,2-Dichloropropane

Concen: 18.02 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX000565.D

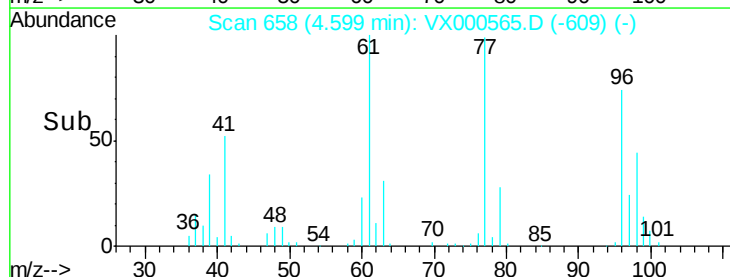
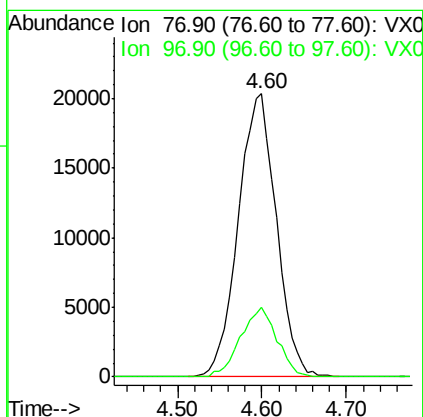
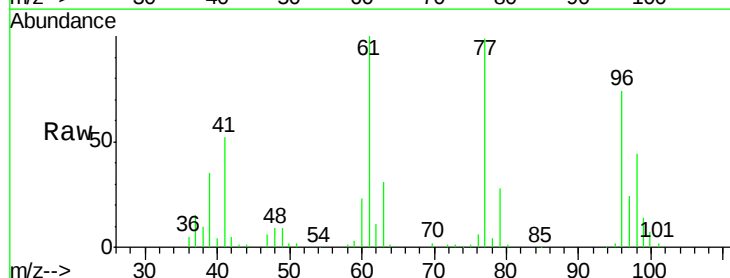
Acq: 30 Mar 2018 17:31

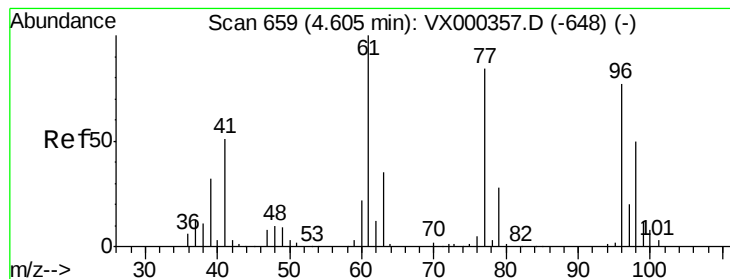
Tgt Ion: 77 Resp: 62233

Ion Ratio Lower Upper

77 100

97 23.7 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.14 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBS01

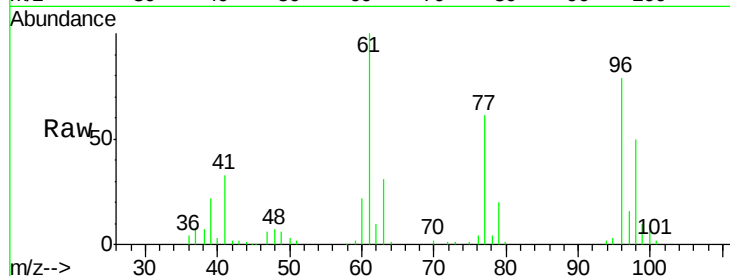
Tgt Ion: 96 Resp: 50030

Ion Ratio Lower Upper

96 100

61 133.7 0.0 291.6

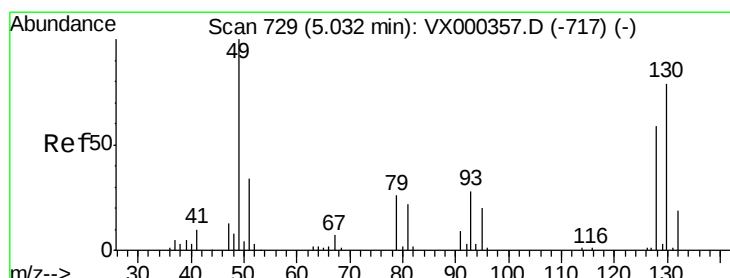
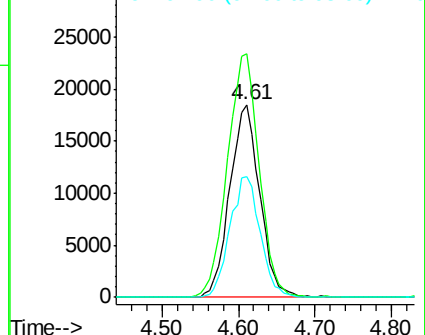
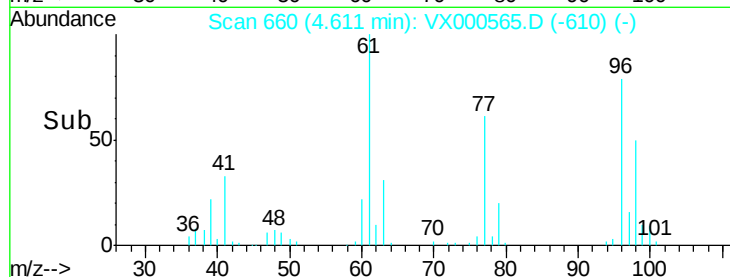
98 63.4 0.0 132.0



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: 18.01 ug/l

RT: 5.03 min Scan# 729

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

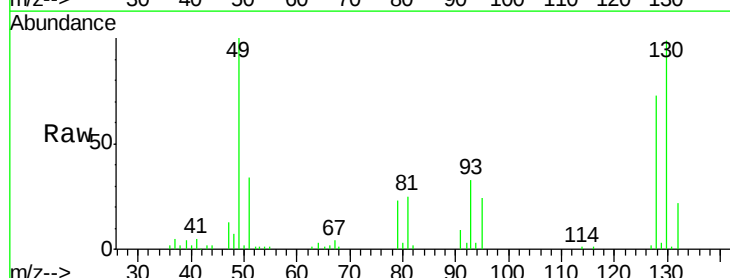
Tgt Ion: 49 Resp: 36598

Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.0

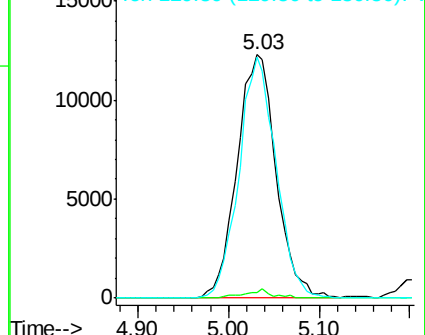
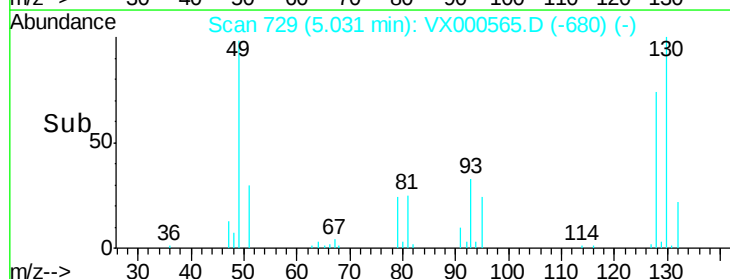
130 93.9 64.0 96.0

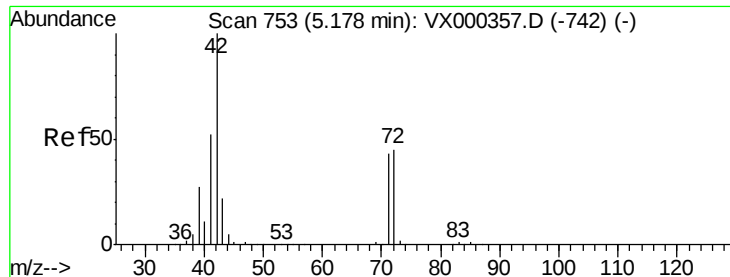


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

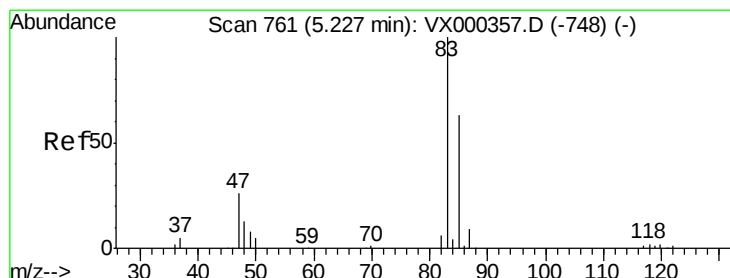
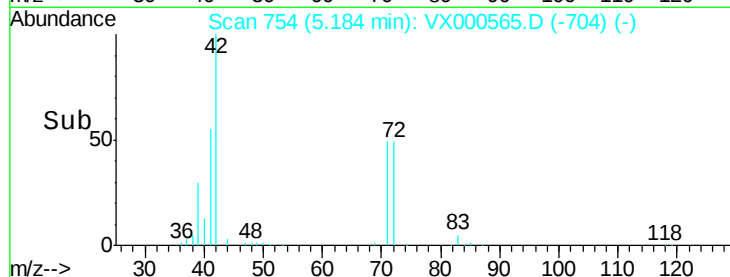
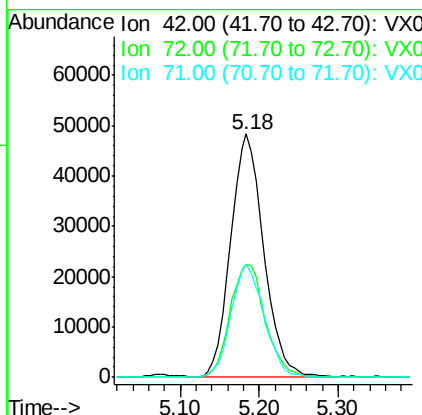
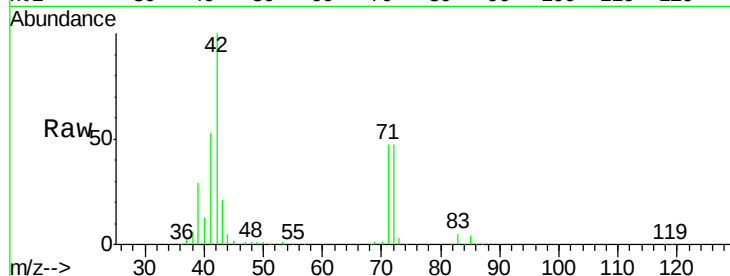




#29
Tetrahydrofuran
Concen: 81.49 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

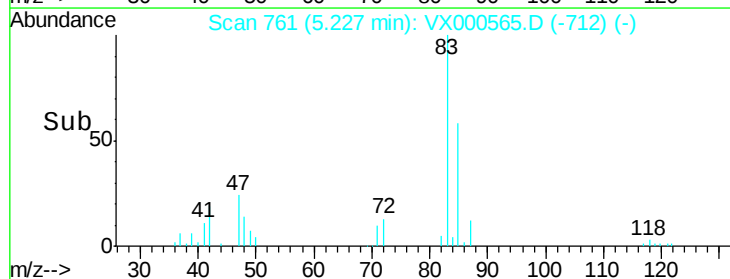
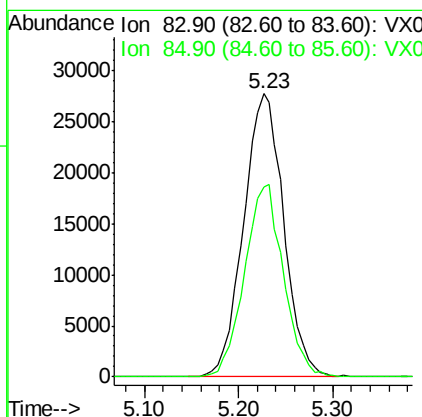
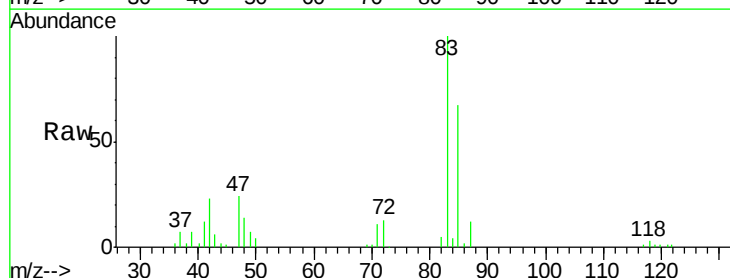
Instrument :
MSVOA_X
ClientSampleId :
VX0330MBS01

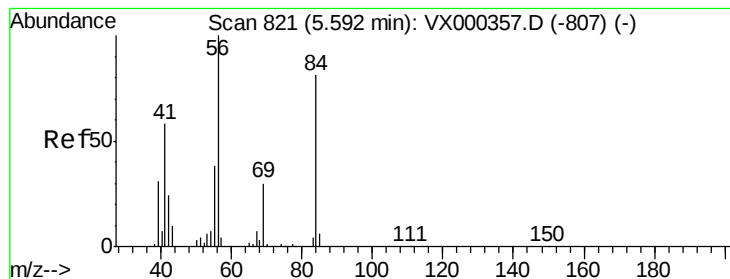
Tgt Ion: 42 Resp: 141588
Ion Ratio Lower Upper
42 100
72 49.1 37.9 56.9
71 46.5 34.4 51.6



#30
Chloroform
Concen: 17.88 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Tgt Ion: 83 Resp: 82595
Ion Ratio Lower Upper
83 100
85 66.9 53.3 79.9





#31

Cyclohexane

Concen: 17.05 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.01 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBS01

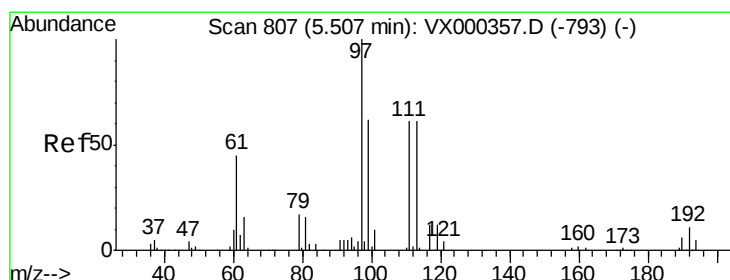
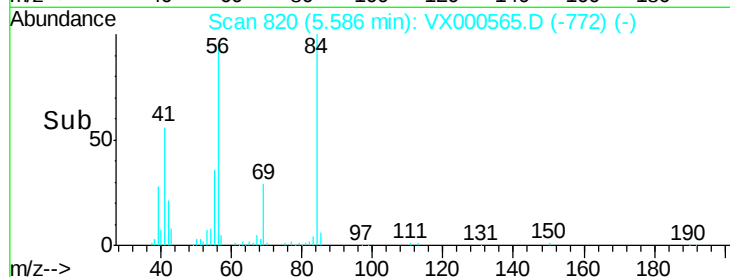
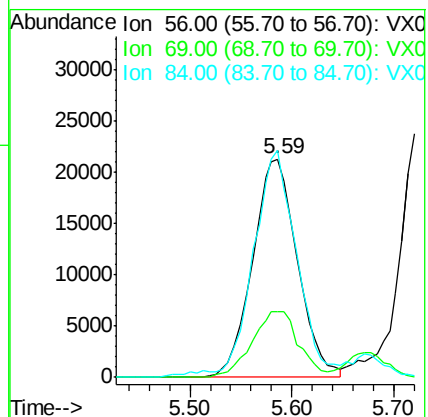
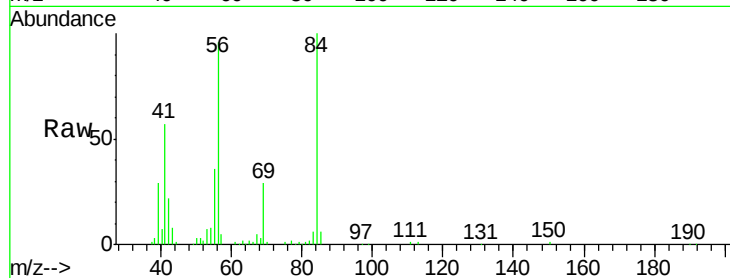
Tgt Ion: 56 Resp: 64980

Ion Ratio Lower Upper

56 100

69 30.2 23.4 35.0

84 101.2 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 18.18 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

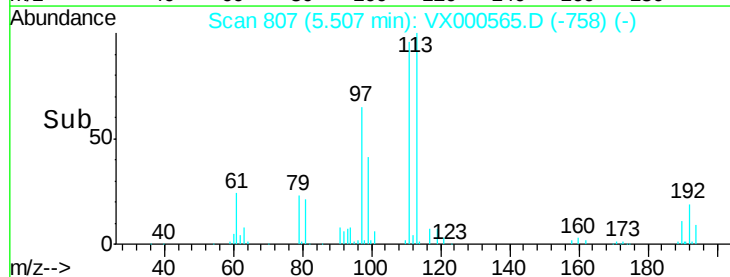
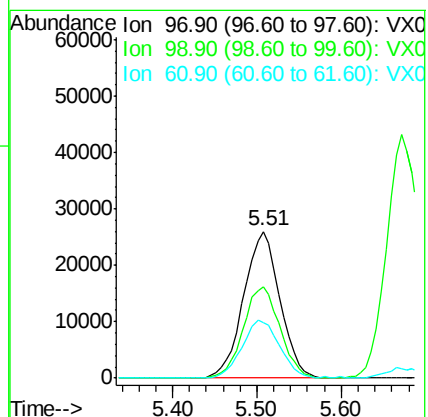
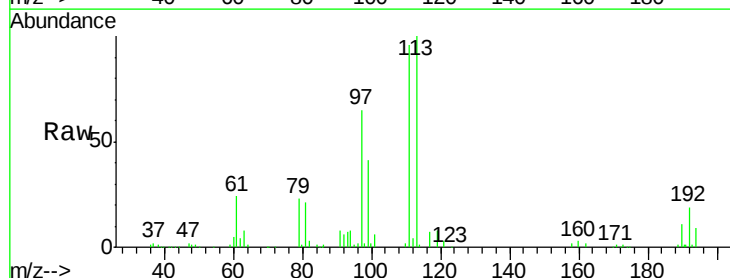
Tgt Ion: 97 Resp: 75767

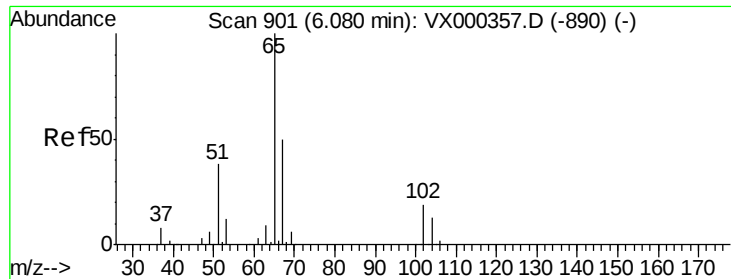
Ion Ratio Lower Upper

97 100

99 62.9 52.1 78.1

61 40.6 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 44.31 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

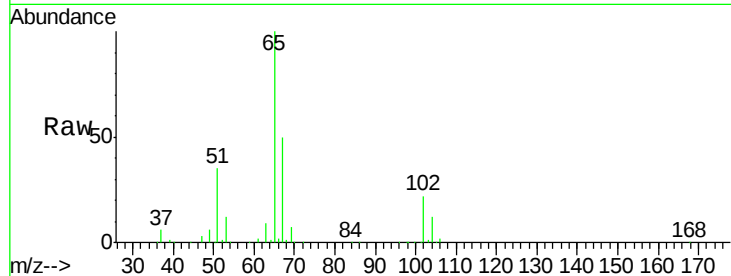
VX0330MBS01

Tgt Ion: 65 Resp: 133821

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.08

60000

50000

40000

30000

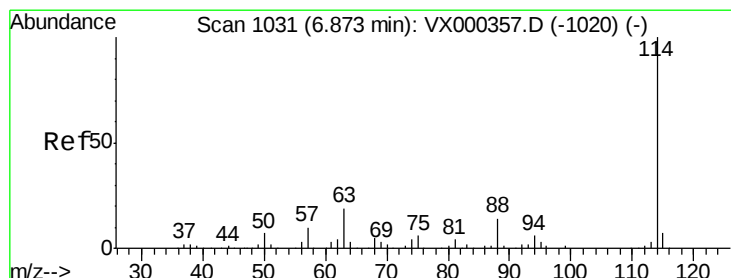
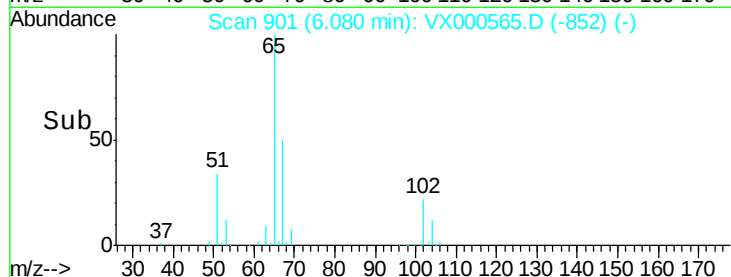
20000

10000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

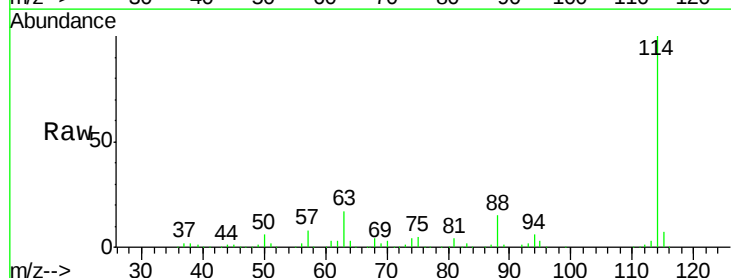
Tgt Ion: 114 Resp: 368636

Ion Ratio Lower Upper

114 100

63 17.3 0.0 38.4

88 14.8 0.0 27.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

200000

150000

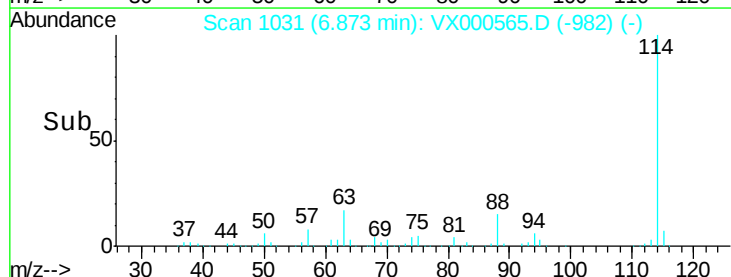
100000

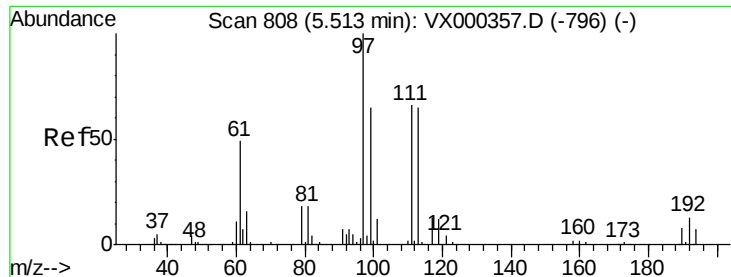
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 50.83 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBS01

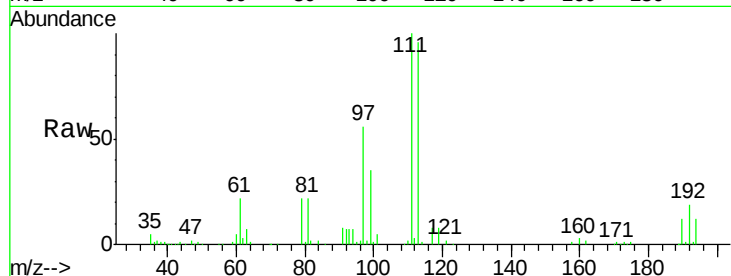
Tgt Ion:113 Resp: 118069

Ion Ratio Lower Upper

113 100

111 101.4 82.4 123.6

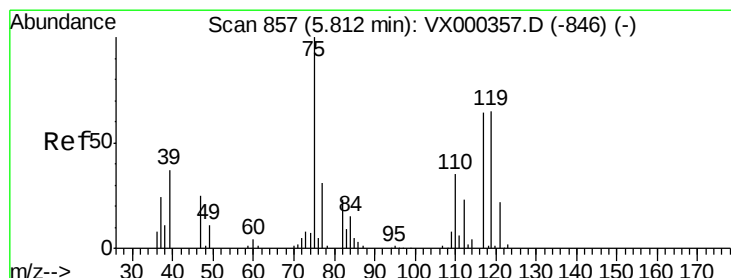
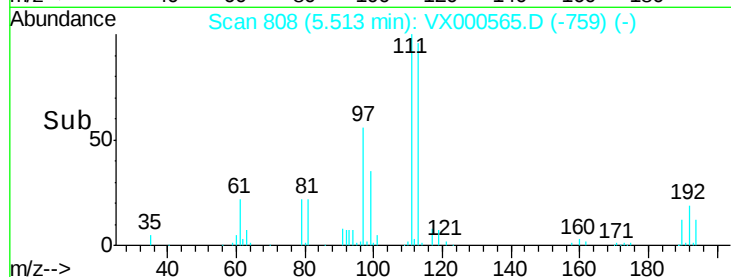
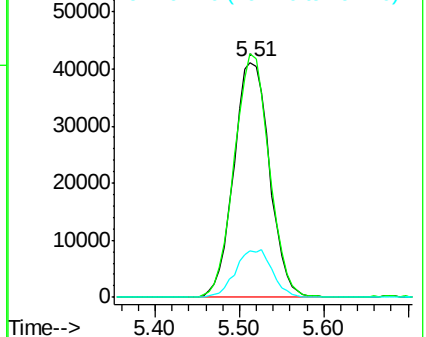
192 20.7 15.8 23.6



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: 18.01 ug/l

RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

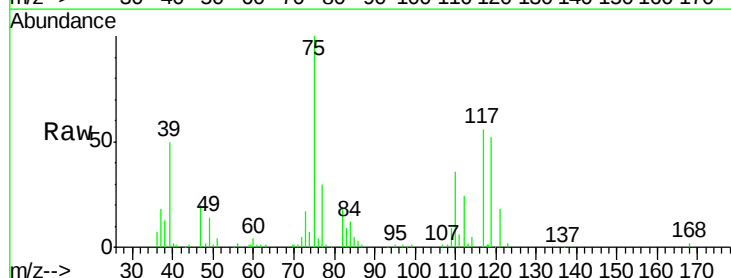
Tgt Ion: 75 Resp: 62192

Ion Ratio Lower Upper

75 100

110 38.7 17.9 53.7

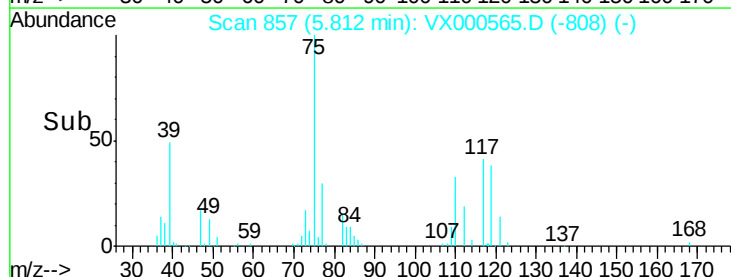
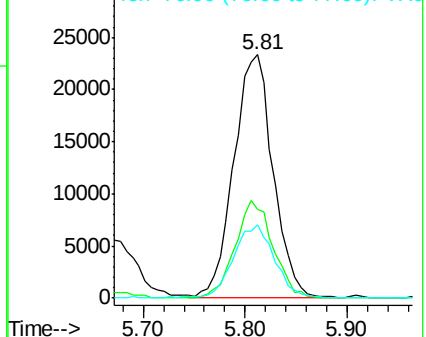
77 31.7 24.0 36.0

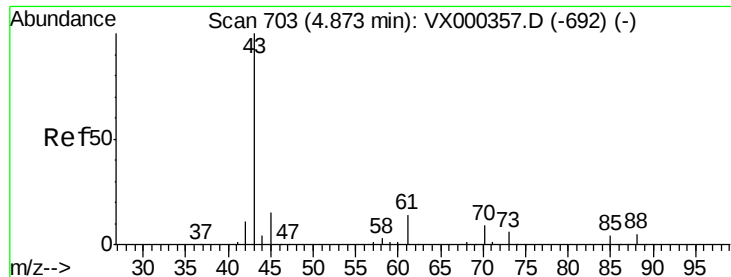


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

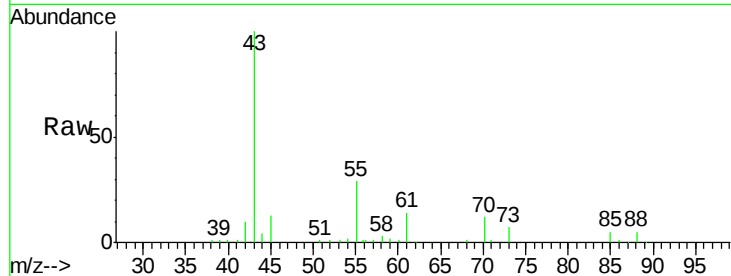




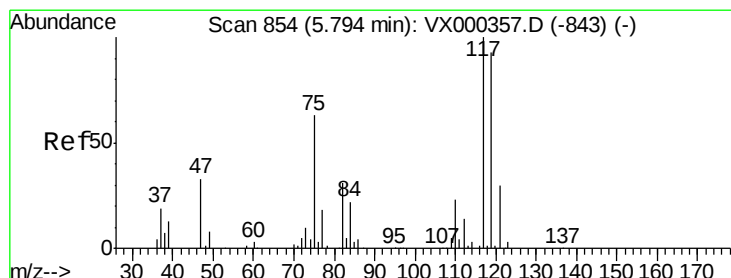
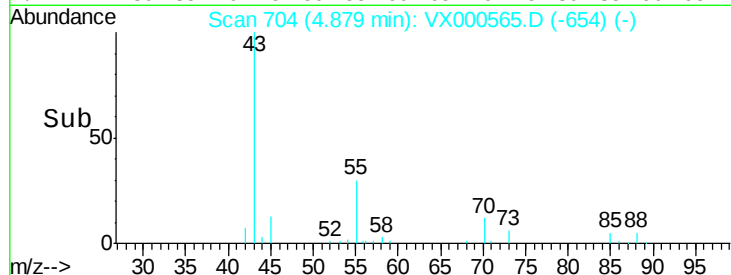
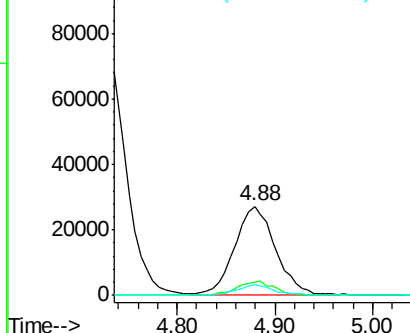
#37
Ethyl Acetate
Concen: 16.42 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBS01

Tgt Ion: 43 Resp: 77452
Ion Ratio Lower Upper
43 100
61 14.9 11.1 16.7
70 10.9 7.7 11.5

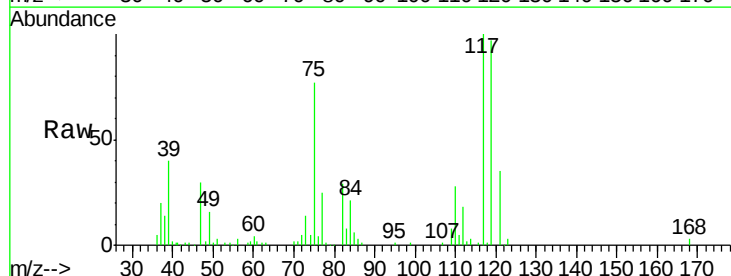


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

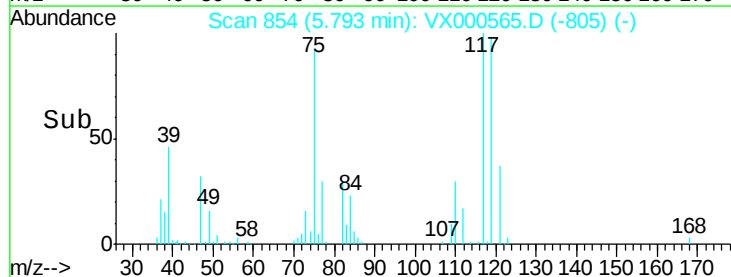
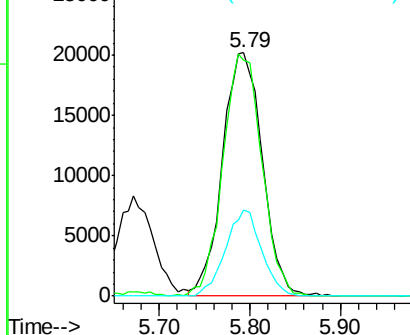


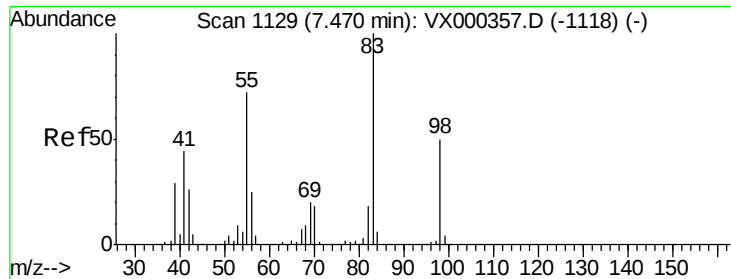
#38
Carbon Tetrachloride
Concen: 17.05 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Tgt Ion: 117 Resp: 61775
Ion Ratio Lower Upper
117 100
119 97.1 77.4 116.2
121 35.5 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

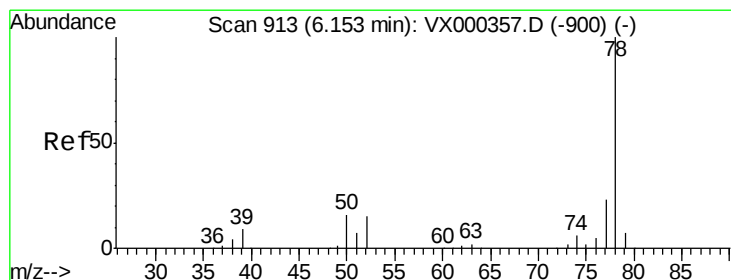
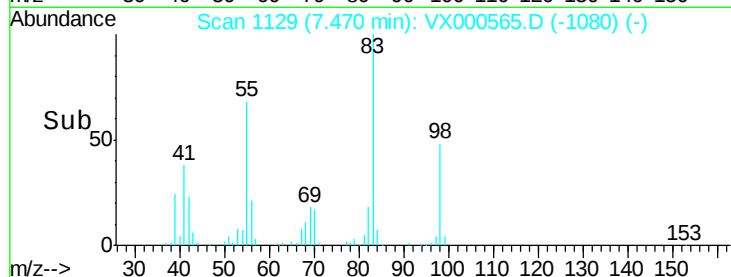
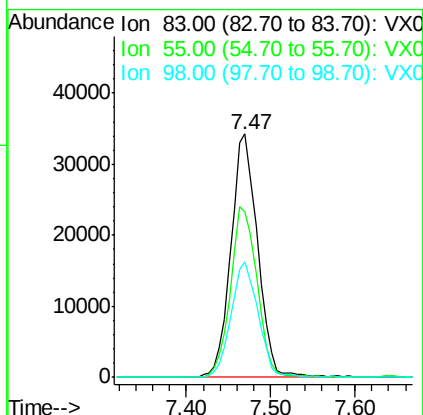
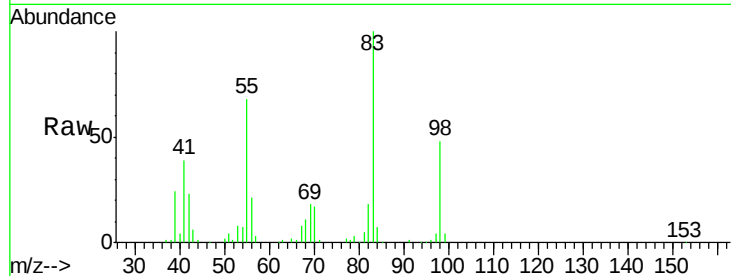




#39
Methylcyclohexane
Concen: 17.54 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

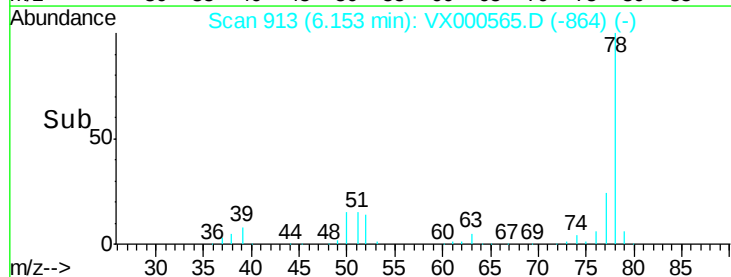
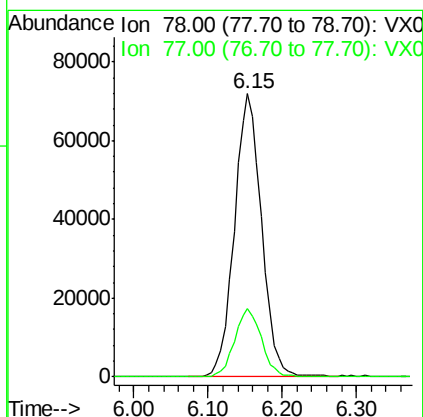
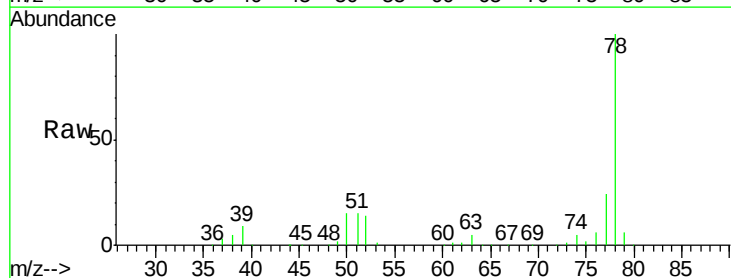
Instrument :
MSVOA_X
ClientSampleId :
VX0330MBS01

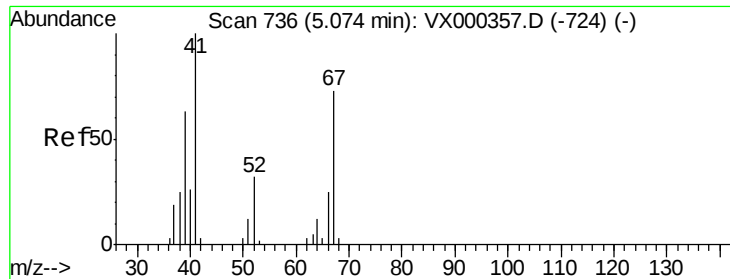
Tgt Ion: 83 Resp: 73642
Ion Ratio Lower Upper
83 100
55 67.7 55.5 83.3
98 47.5 38.2 57.4



#40
Benzene
Concen: 18.31 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Tgt Ion: 78 Resp: 183612
Ion Ratio Lower Upper
78 100
77 24.1 18.7 28.1

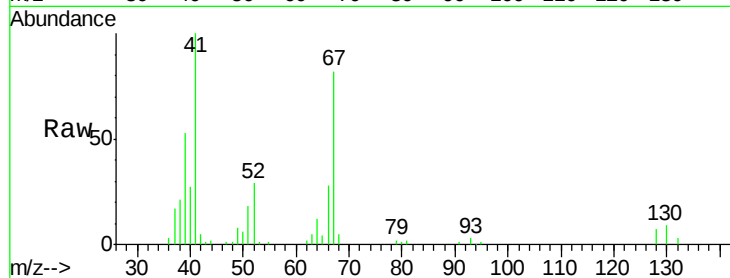




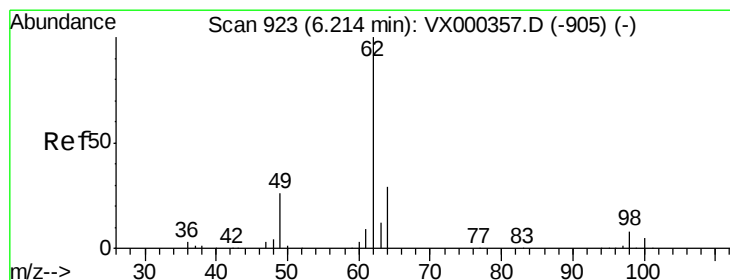
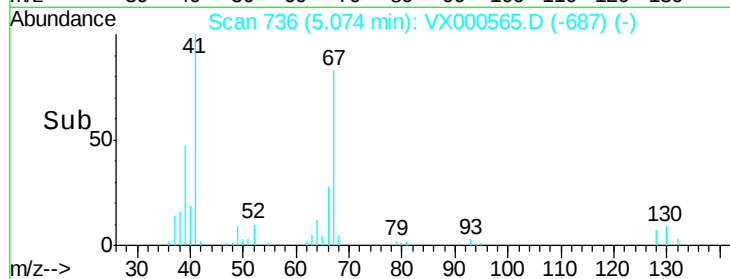
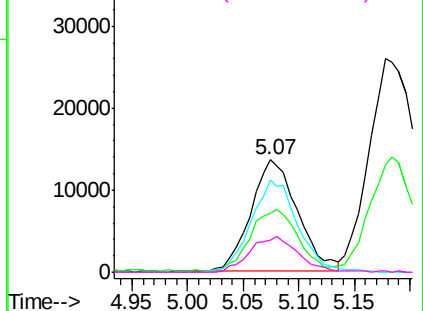
#41
Methacrylonitrile
Concen: 15.99 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBS01

Tgt Ion:	41	Resp:	39765
Ion	Ratio	Lower	Upper
41	100		
39	57.0	45.7	68.5
67	82.4	57.8	86.8
52	33.2	26.7	40.1

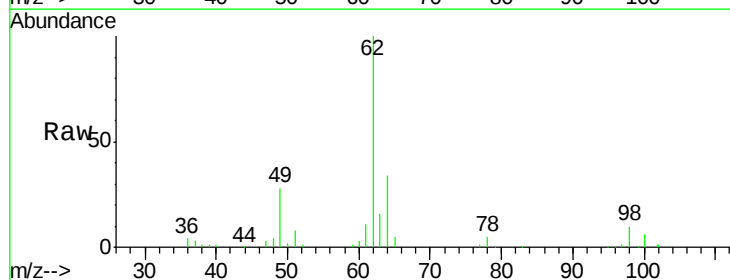


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

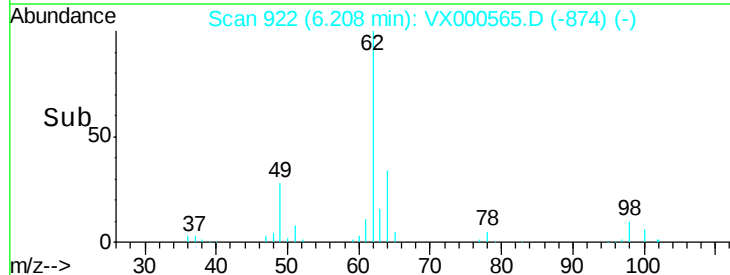
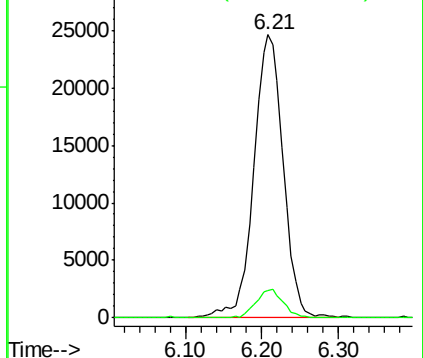


#42
1,2-Dichloroethane
Concen: 16.75 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Tgt Ion:	62	Resp:	65902
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	15.8



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





#43

Isopropyl Acetate

Concen: 15.74 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBS01

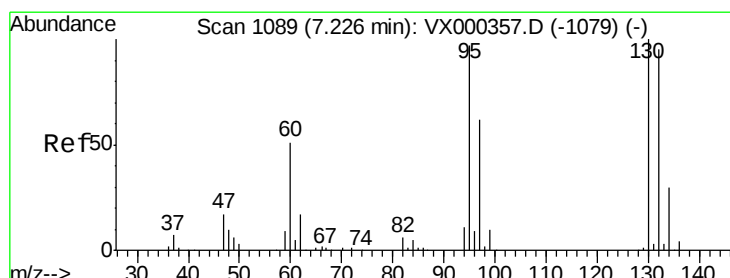
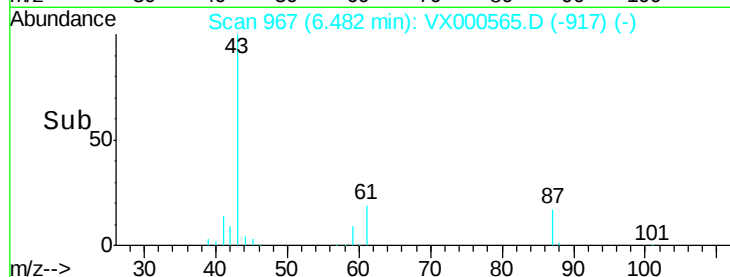
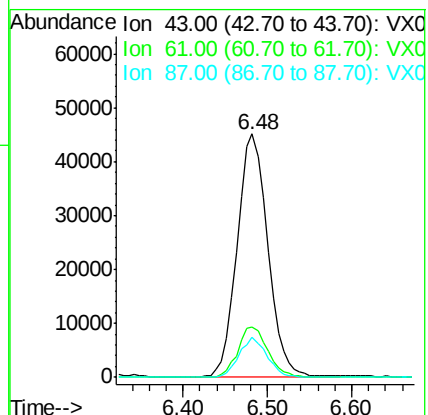
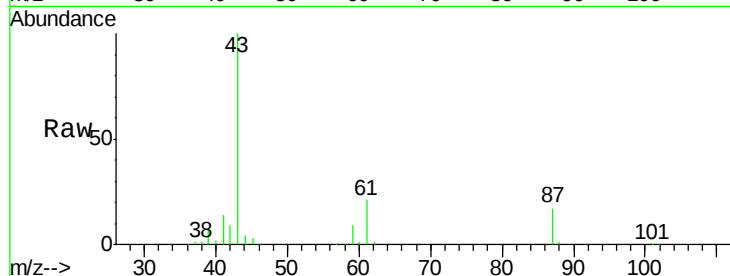
Tgt Ion: 43 Resp: 110540

Ion Ratio Lower Upper

43 100

61 20.5 14.4 21.6

87 15.1 11.0 16.4



#44

Trichloroethene

Concen: 19.28 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000565.D

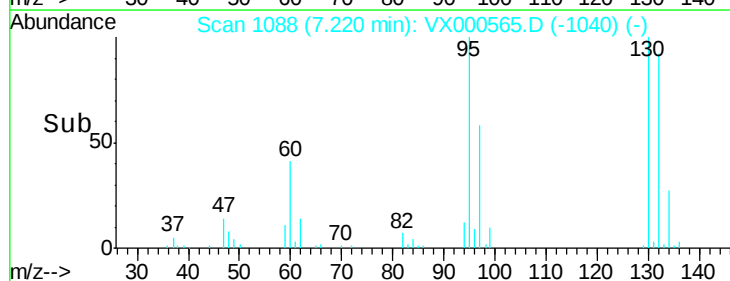
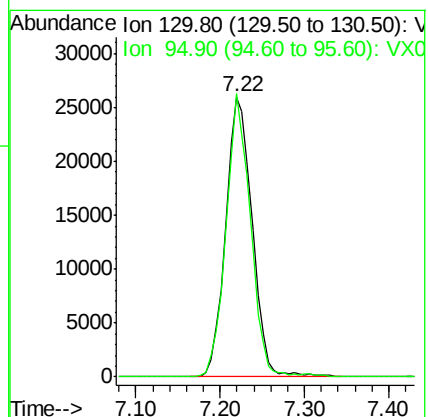
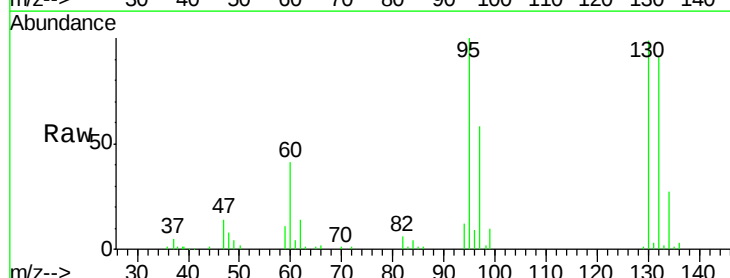
Acq: 30 Mar 2018 17:31

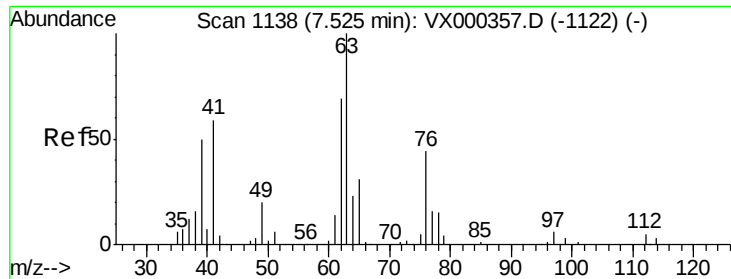
Tgt Ion: 130 Resp: 55385

Ion Ratio Lower Upper

130 100

95 101.1 0.0 186.0

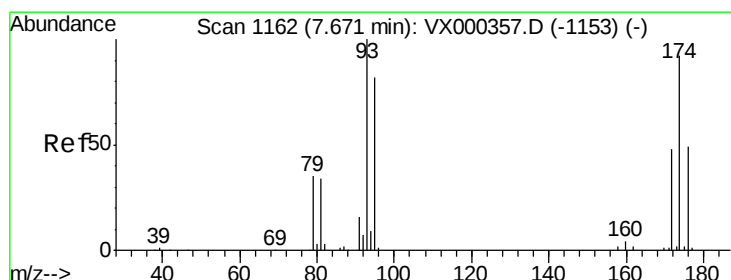
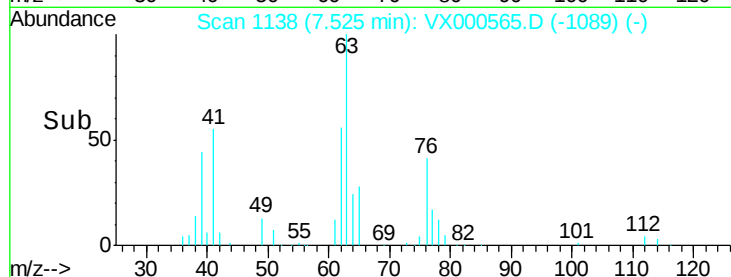
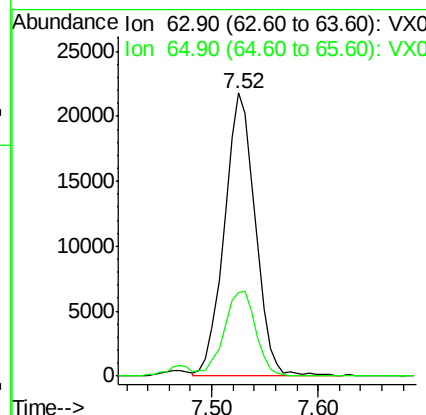
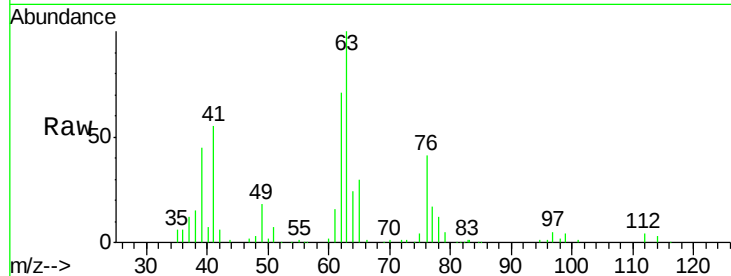




#45
 1,2-Dichloropropane
 Concen: 17.21 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

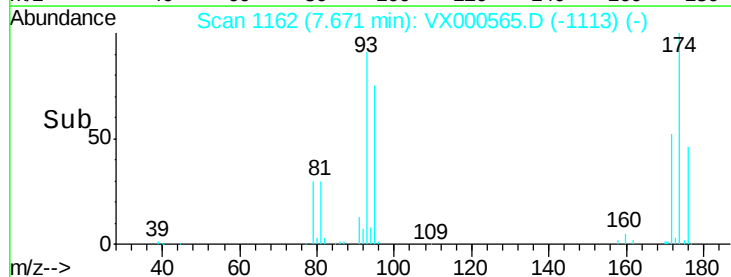
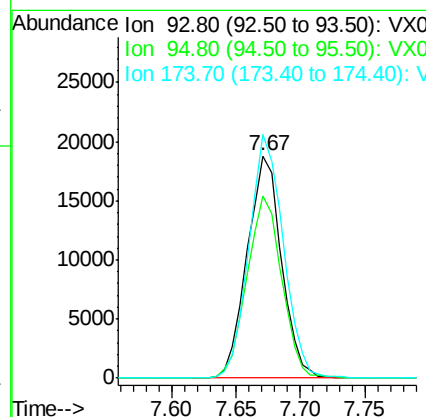
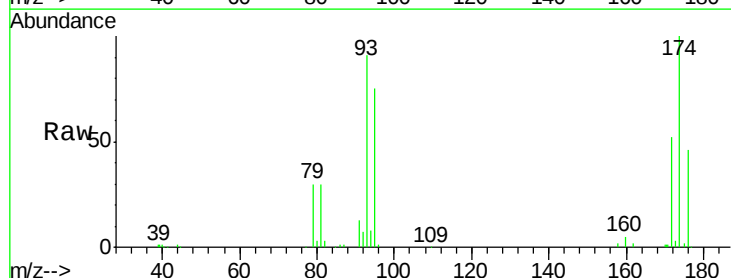
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330MBS01

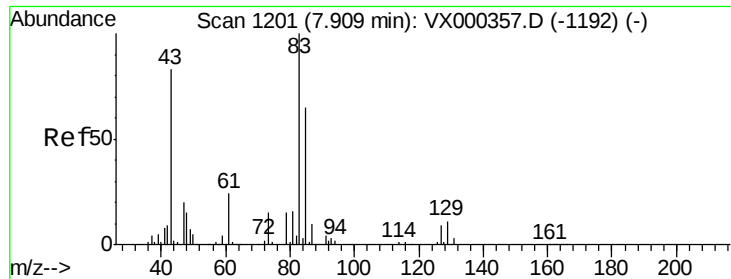
Tgt Ion: 63 Resp: 44170
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.6 36.8



#46
 Dibromomethane
 Concen: 17.19 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Tgt Ion: 93 Resp: 34642
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.5 99.7
 174 109.6 76.0 114.0

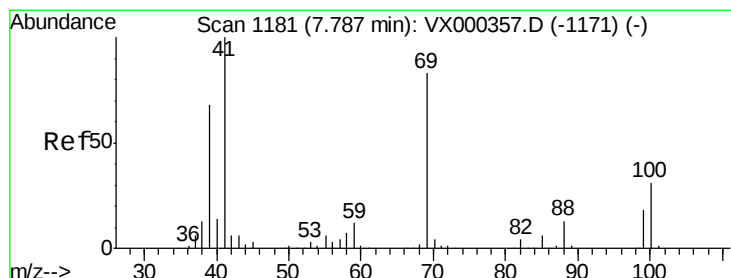
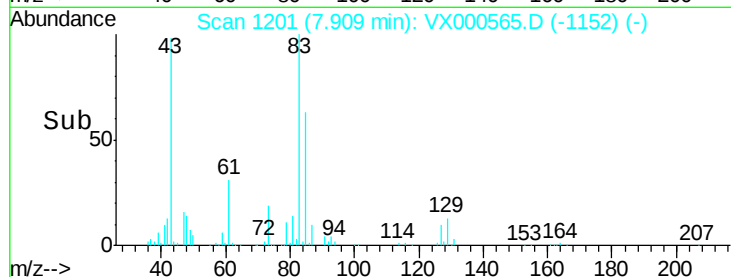
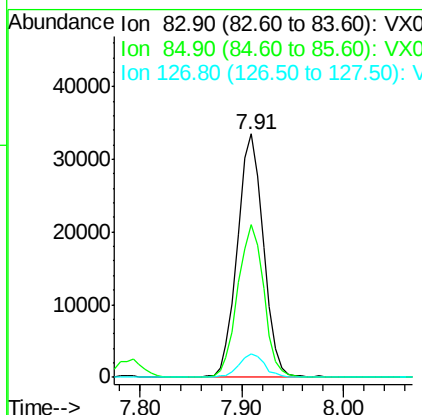
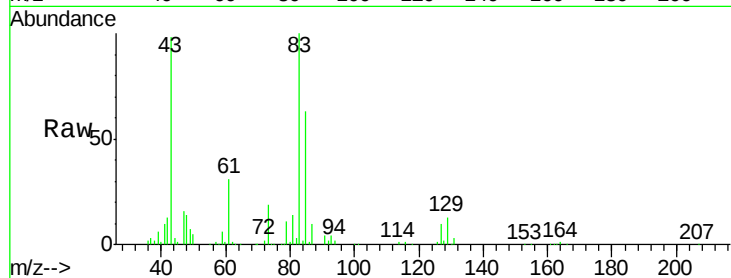




#47
Bromodichloromethane
Concen: 16.67 ug/l
RT: 7.91 min Scan# 1201
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

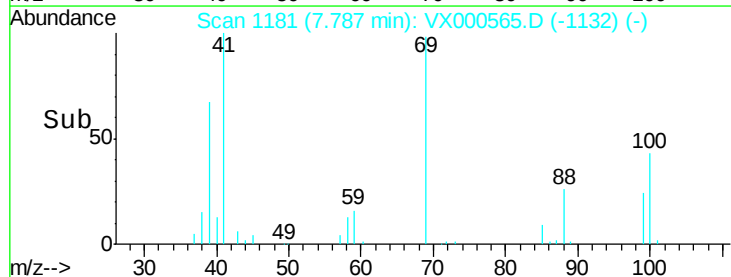
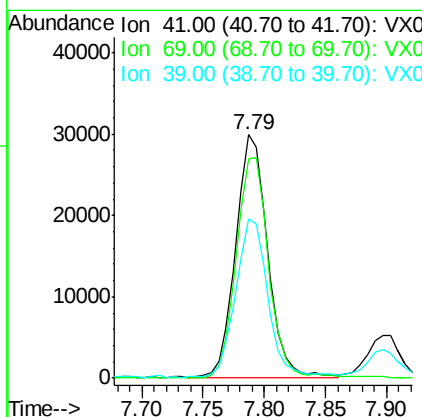
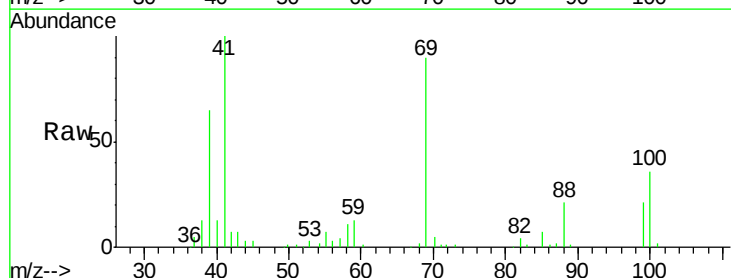
Instrument :
MSVOA_X
ClientSampleId :
VX0330MBS01

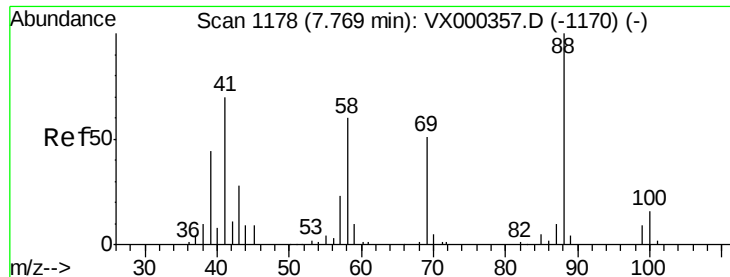
Tgt Ion: 83 Resp: 59107
Ion Ratio Lower Upper
83 100
85 62.6 51.4 77.0
127 9.6 7.0 10.6



#48
Methyl methacrylate
Concen: 15.73 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Tgt Ion: 41 Resp: 53619
Ion Ratio Lower Upper
41 100
69 93.9 68.2 102.4
39 66.2 54.6 81.8

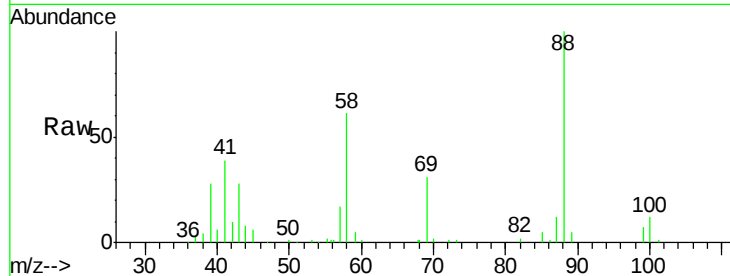




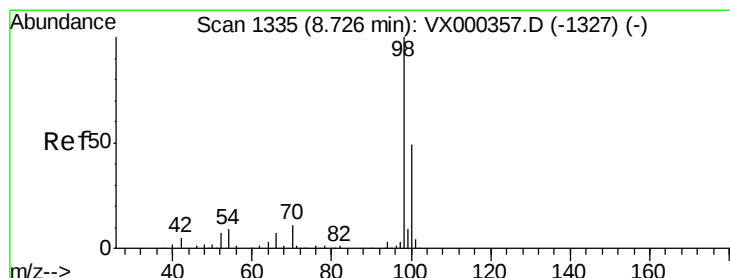
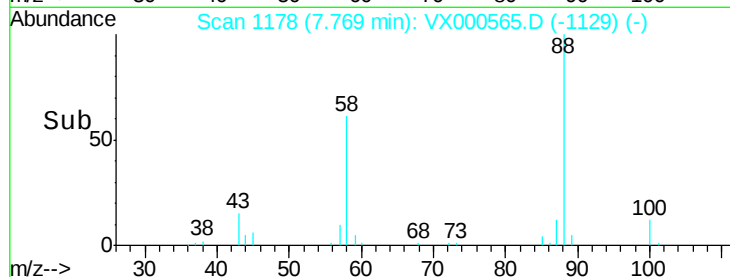
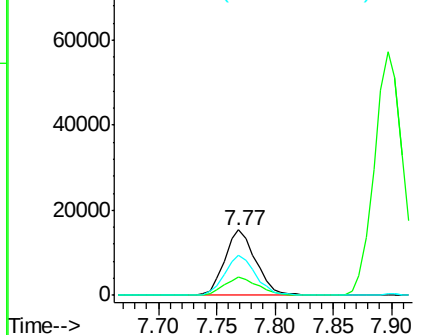
#49
1,4-Dioxane
Concen: 397.20 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBS01

Tgt Ion: 88 Resp: 28459
Ion Ratio Lower Upper
88 100
43 30.6 26.8 40.2
58 61.5 52.2 78.2

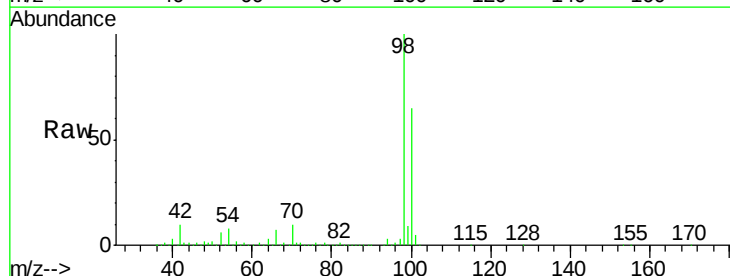


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

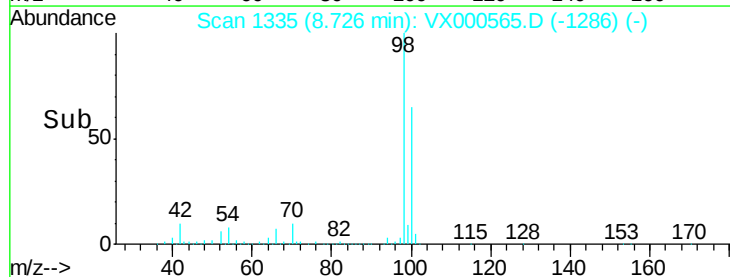
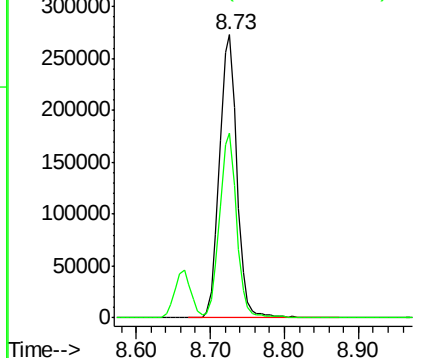


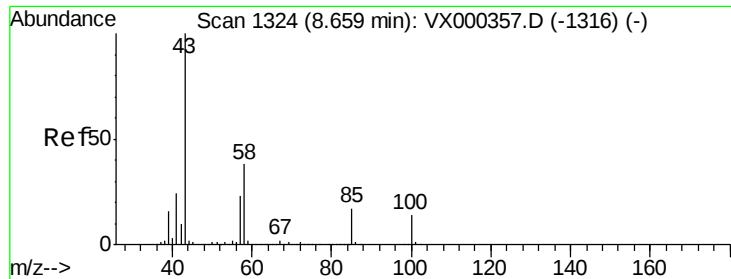
#50
Toluene-d8
Concen: 45.82 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Tgt Ion: 98 Resp: 440788
Ion Ratio Lower Upper
98 100
100 63.4 51.2 76.8



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

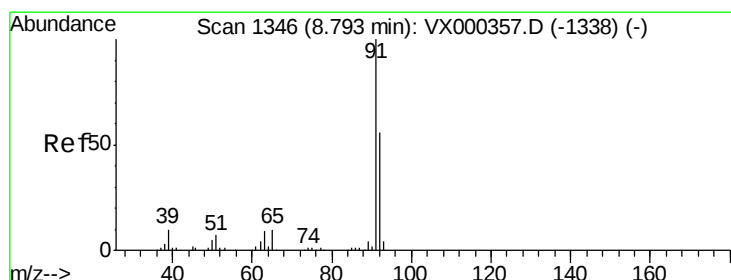
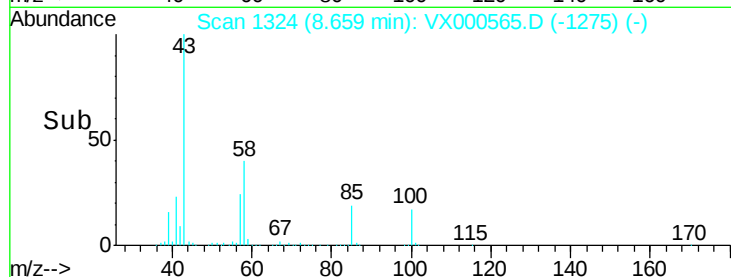
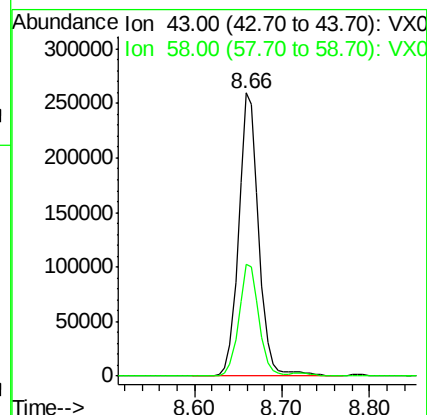
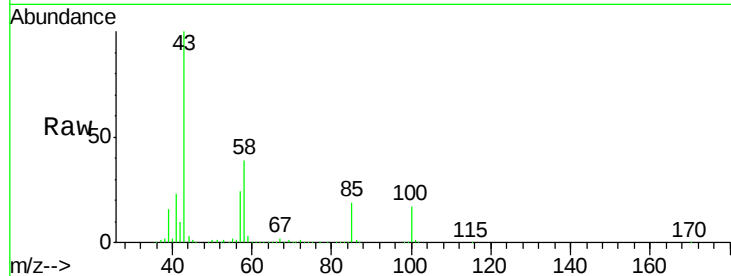




#51
 4-Methyl-2-Pentanone
 Concen: 76.39 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

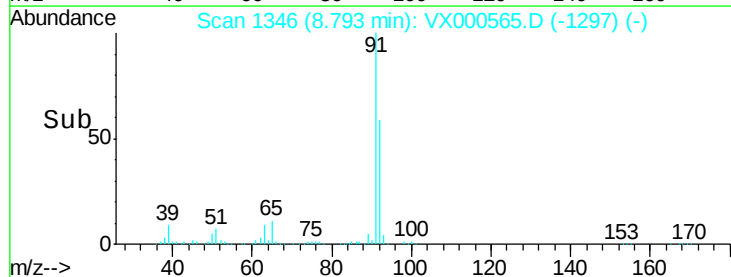
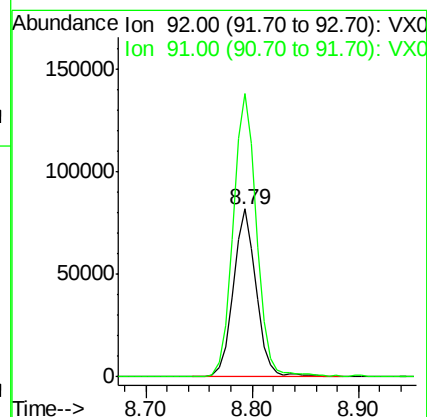
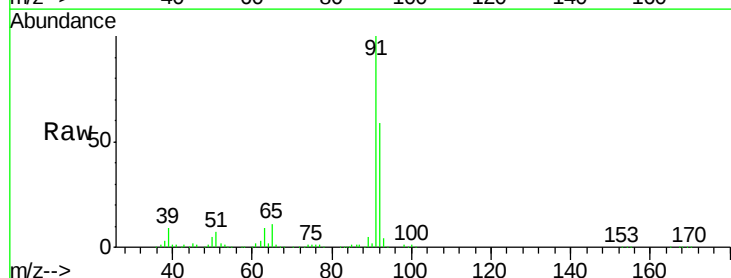
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330MBS01

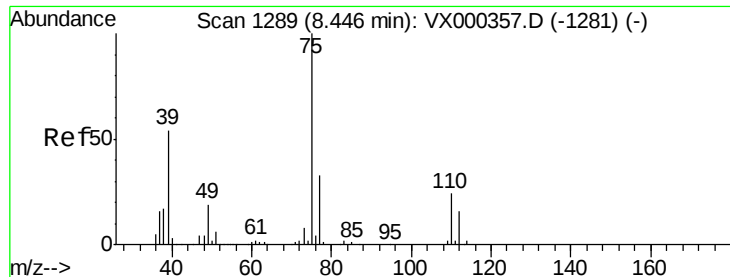
Tgt Ion: 43 Resp: 415150
 Ion Ratio Lower Upper
 43 100
 58 39.2 30.3 45.5



#52
 Toluene
 Concen: 17.59 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Tgt Ion: 92 Resp: 123297
 Ion Ratio Lower Upper
 92 100
 91 173.2 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 17.35 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

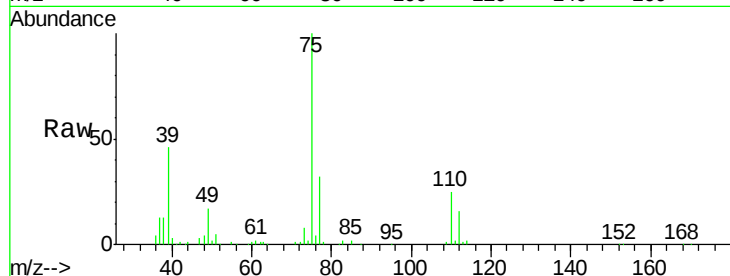
VX0330MBS01

Tgt Ion: 75 Resp: 71270

Ion Ratio Lower Upper

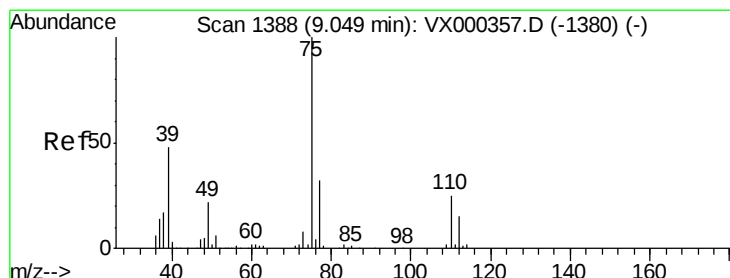
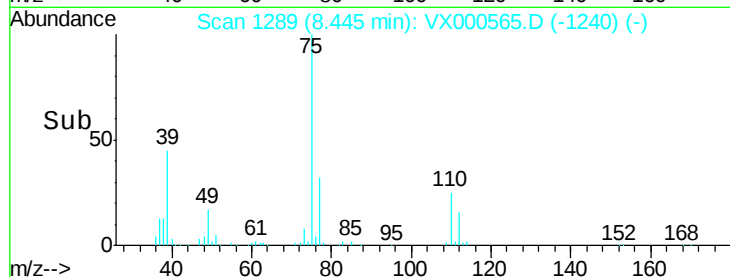
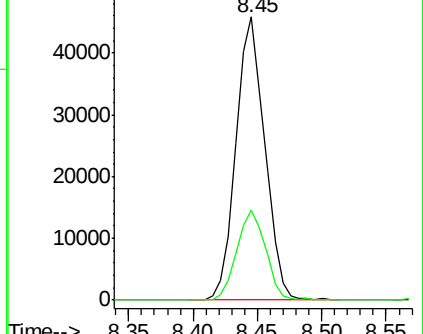
75 100

77 31.8 24.0 36.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 16.20 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

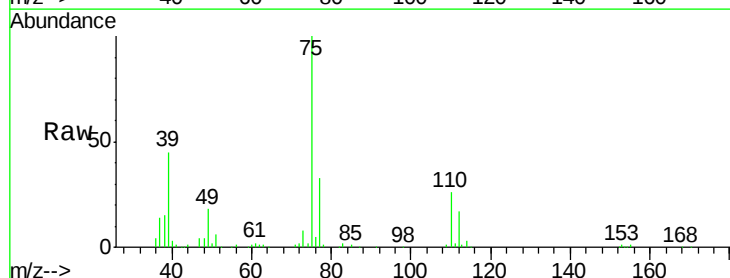
Tgt Ion: 75 Resp: 64542

Ion Ratio Lower Upper

75 100

77 32.6 26.1 39.1

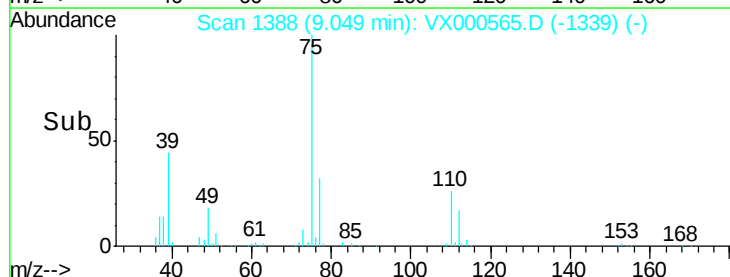
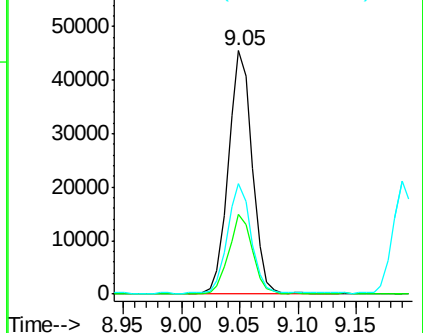
39 44.8 39.8 59.6

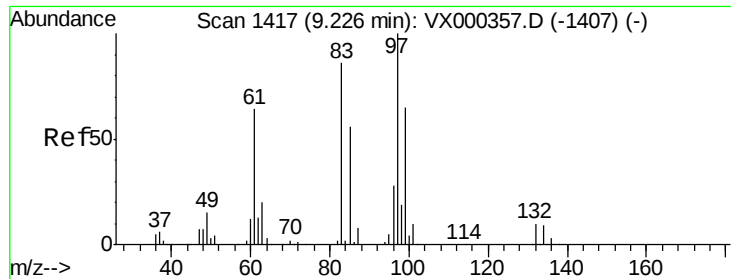


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

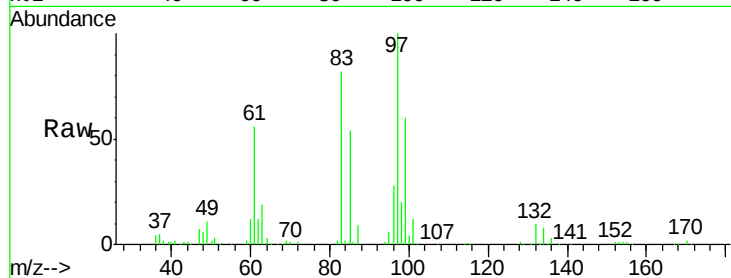




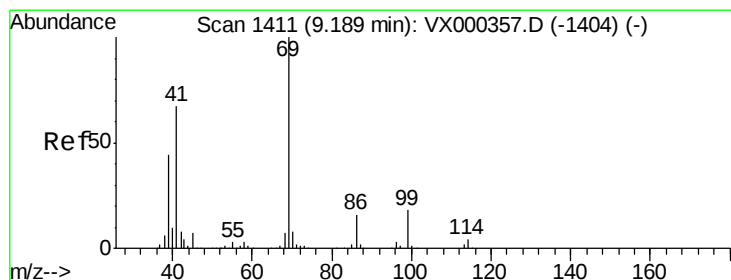
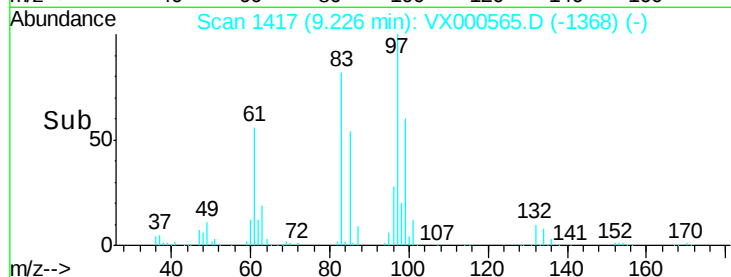
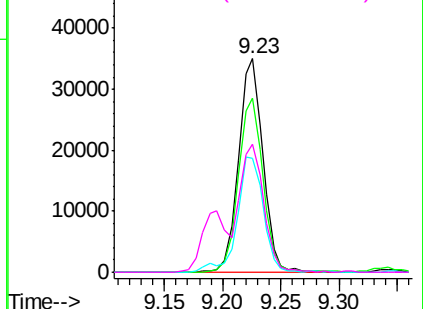
#55
 1,1,2-Trichloroethane
 Concen: 17.68 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330MBS01

Tgt Ion:	97	Resp:	50975
Ion	Ratio	Lower	Upper
97	100		
83	81.3	67.9	101.9
85	53.5	42.8	64.2
99	60.0	49.4	74.2

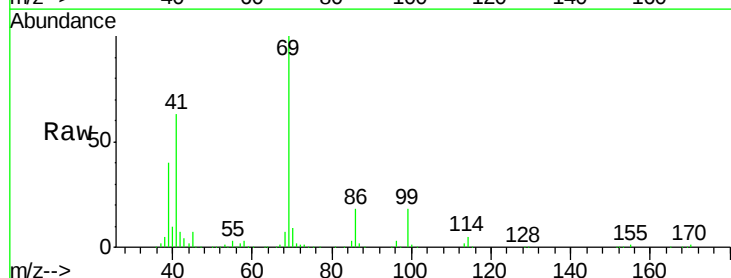


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

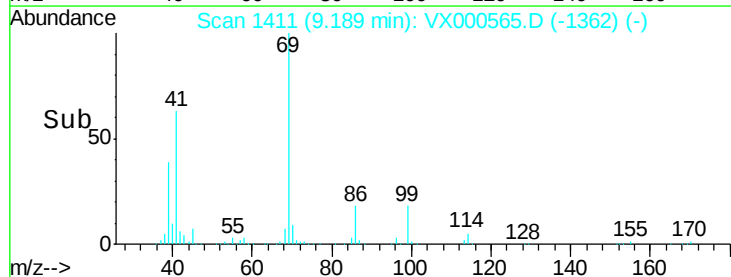
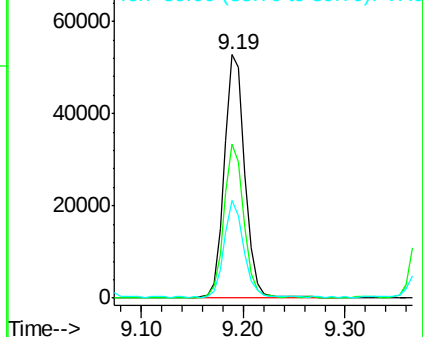


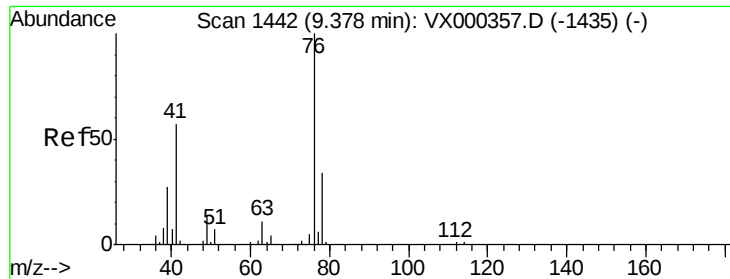
#56
 Ethyl methacrylate
 Concen: 16.89 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Tgt Ion:	69	Resp:	73770
Ion	Ratio	Lower	Upper
69	100		
41	60.6	53.0	79.6
39	37.2	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

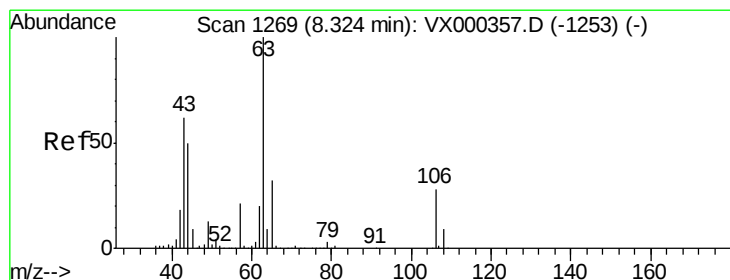
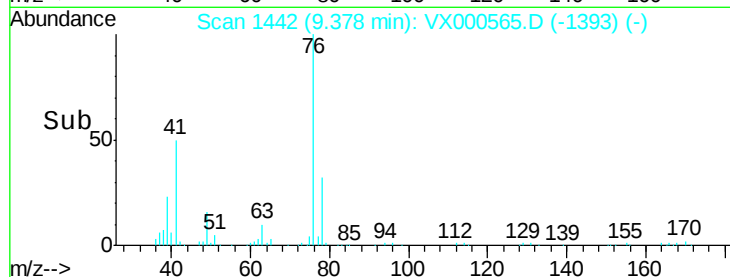
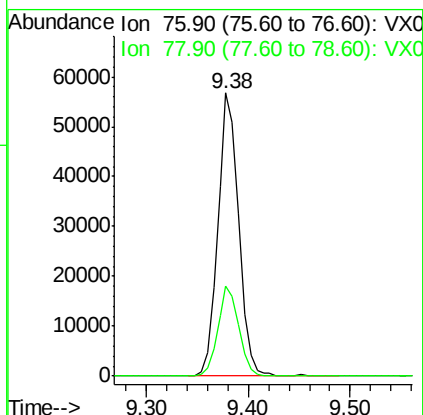
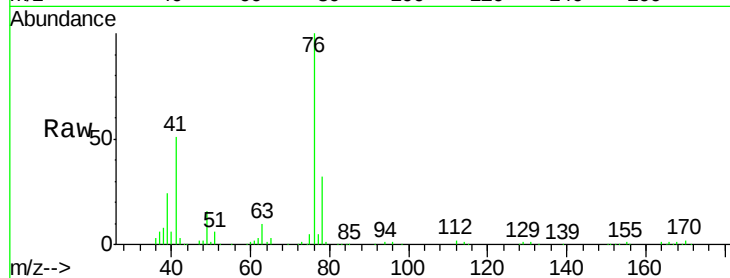




#57
 1,3-Dichloropropane
 Concen: 17.64 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

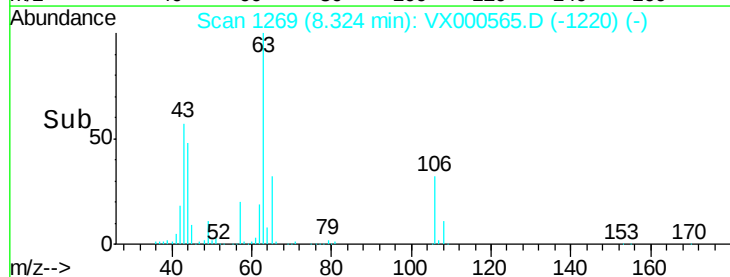
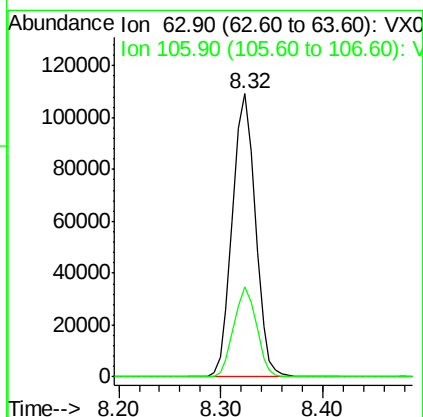
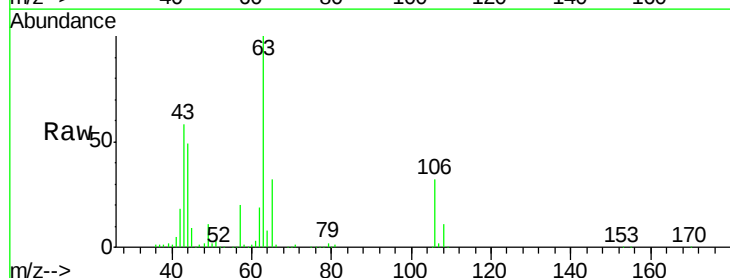
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330MBS01

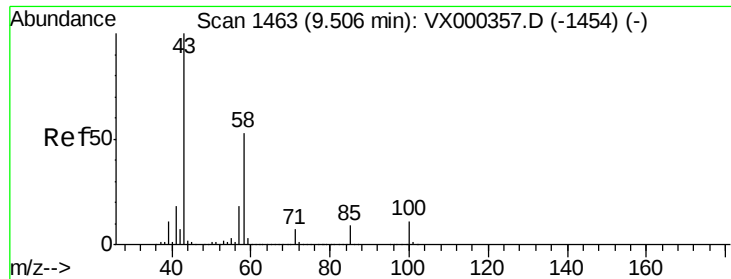
Tgt Ion: 76 Resp: 81323
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 81.70 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Tgt Ion: 63 Resp: 171287
 Ion Ratio Lower Upper
 63 100
 106 31.4 23.2 34.8

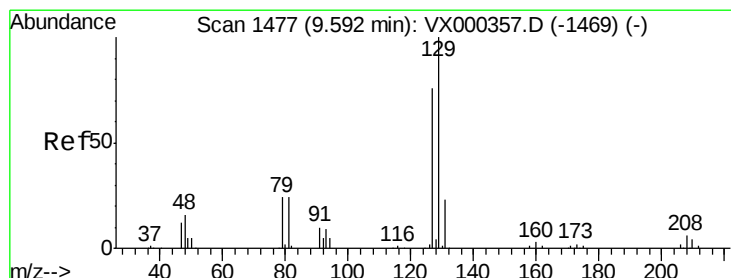
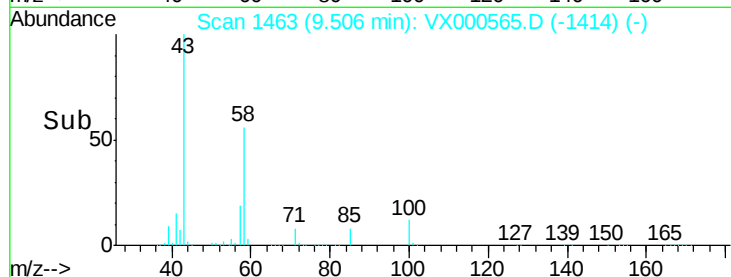
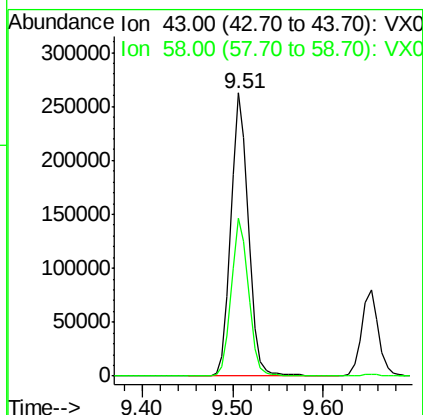
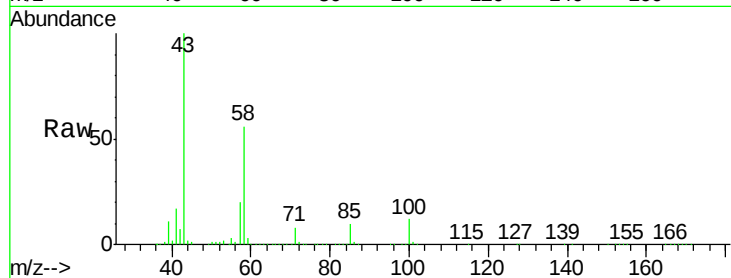




#59
2-Hexanone
Concen: 76.35 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

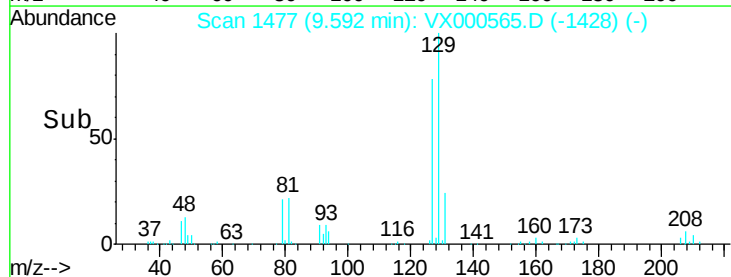
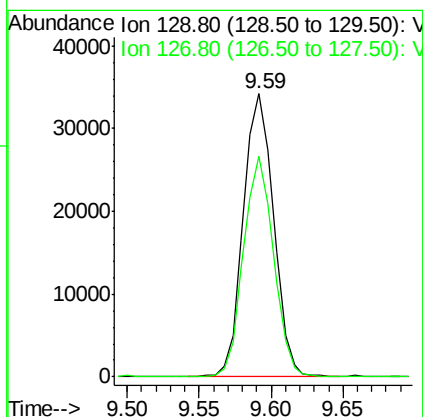
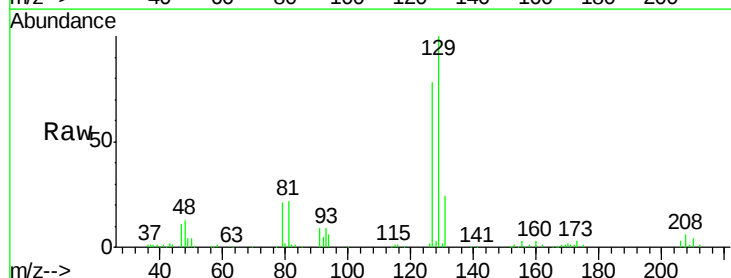
Instrument :
MSVOA_X
ClientSampleId :
VX0330MBS01

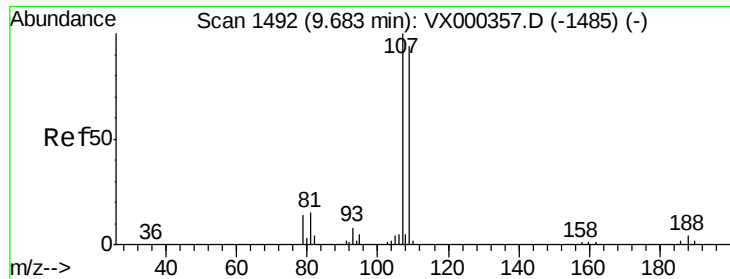
Tgt Ion: 43 Resp: 352335
Ion Ratio Lower Upper
43 100
58 55.1 26.6 79.7



#60
Dibromochloromethane
Concen: 17.55 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Tgt Ion: 129 Resp: 49953
Ion Ratio Lower Upper
129 100
127 77.6 37.9 113.6





#61

1,2-Dibromoethane

Concen: 18.28 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

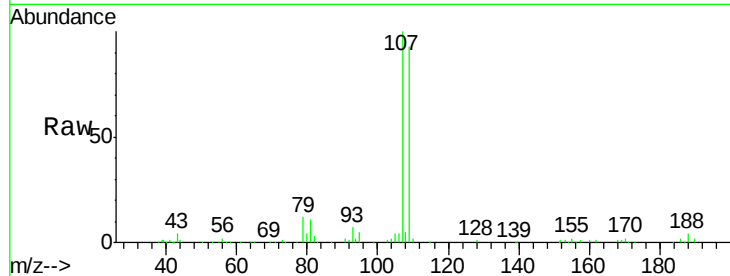
VX0330MBS01

Tgt Ion: 107 Resp: 56504

Ion Ratio Lower Upper

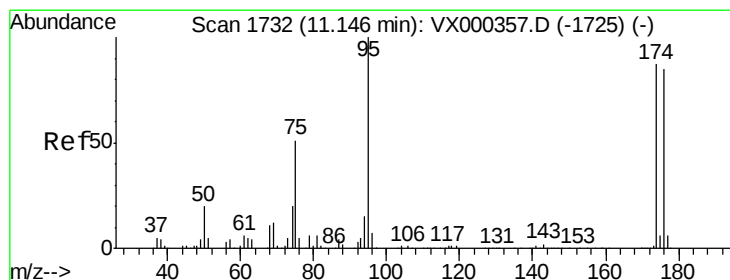
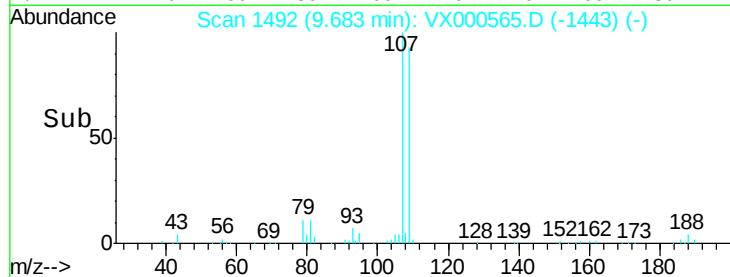
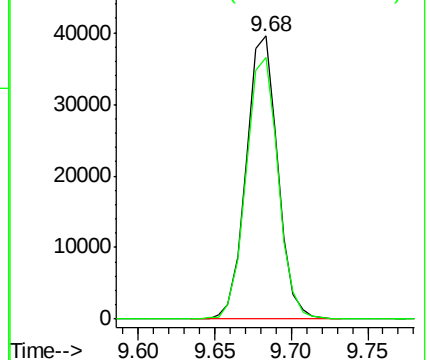
107 100

109 94.5 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: 42.70 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

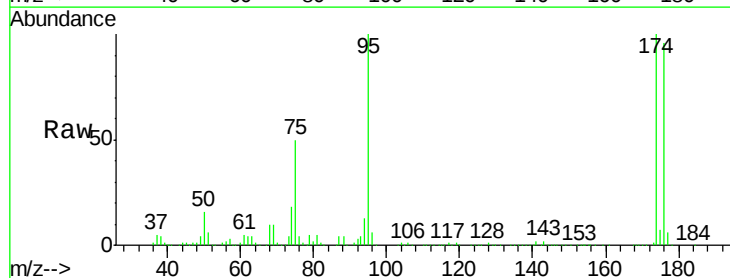
Tgt Ion: 95 Resp: 169421

Ion Ratio Lower Upper

95 100

174 94.3 0.0 173.6

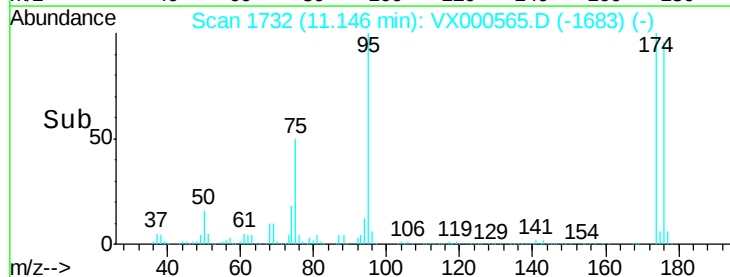
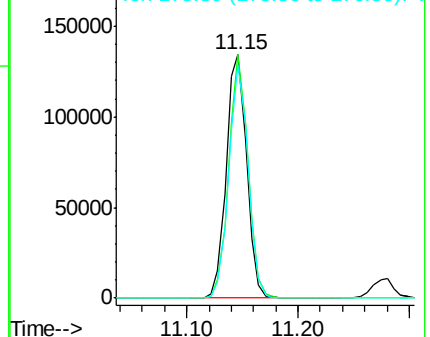
176 91.2 0.0 164.6

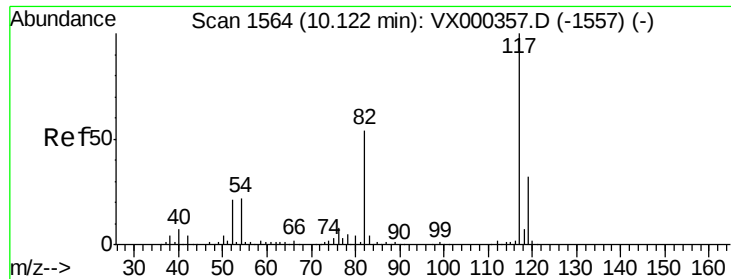


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

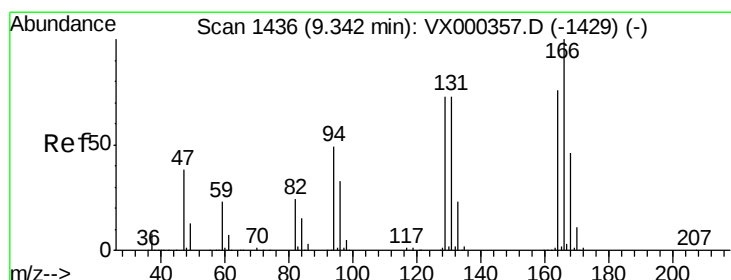
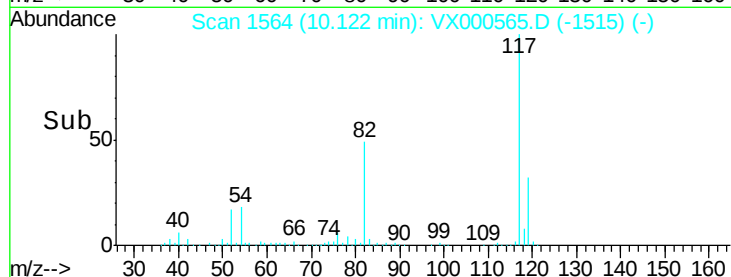
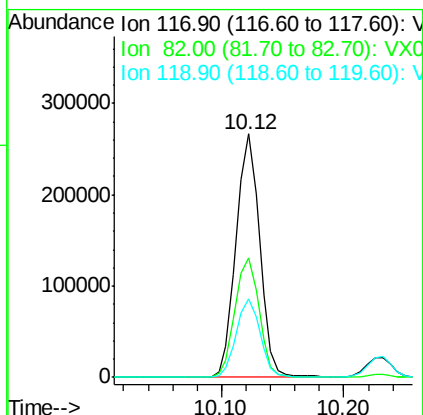
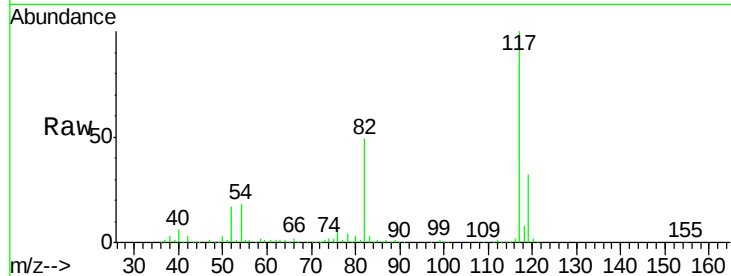




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

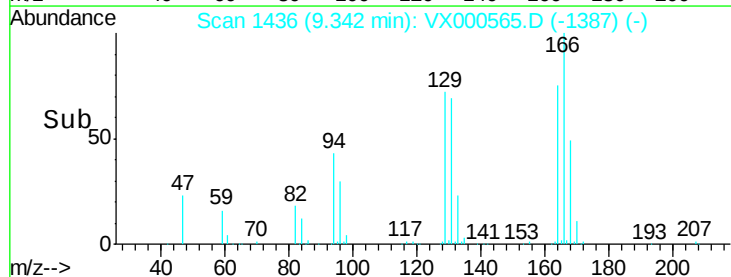
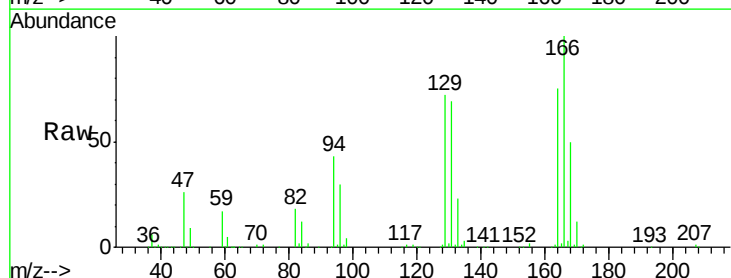
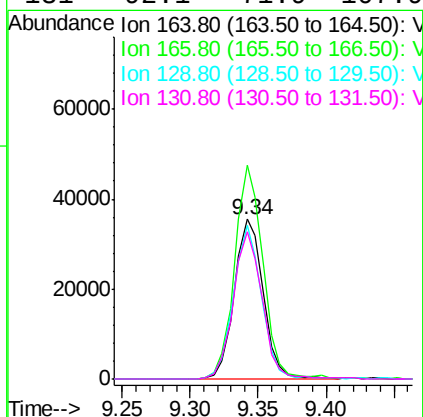
Instrument :
MSVOA_X
ClientSampleId :
VX0330MBS01

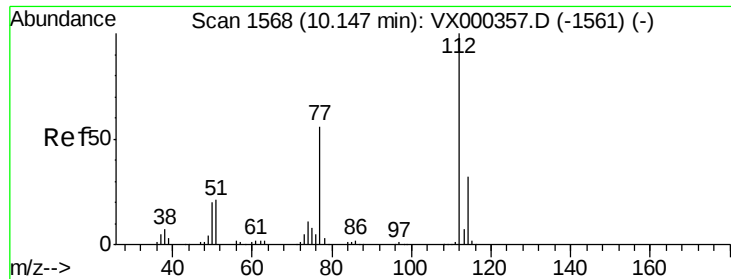
Tgt Ion:117 Resp: 357166
Ion Ratio Lower Upper
117 100
82 49.3 43.8 65.8
119 32.1 24.9 37.3



#64
Tetrachloroethene
Concen: 19.01 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Tgt Ion:164 Resp: 52688
Ion Ratio Lower Upper
164 100
166 133.6 101.0 151.6
129 95.9 79.0 118.4
131 92.1 71.9 107.9

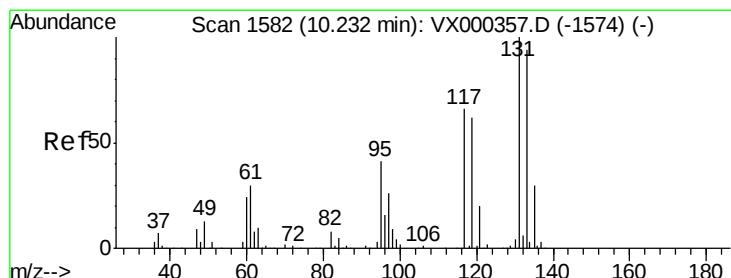
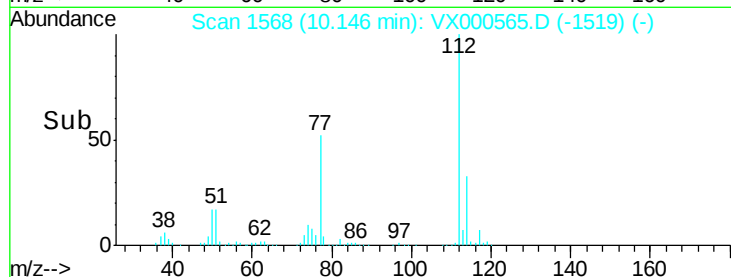
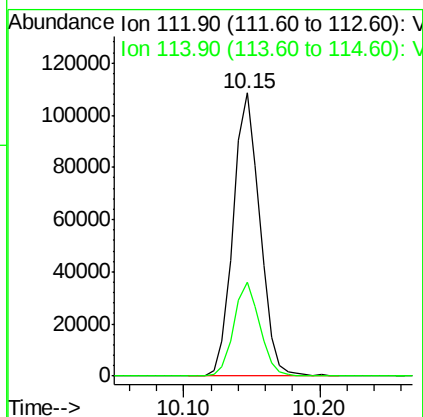
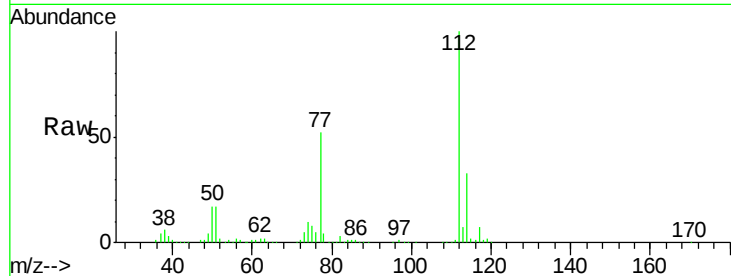




#65
Chlorobenzene
Concen: 18.67 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

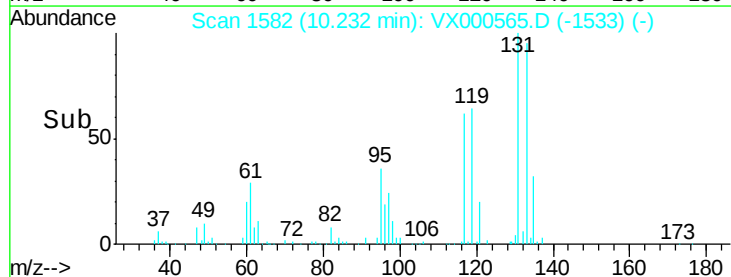
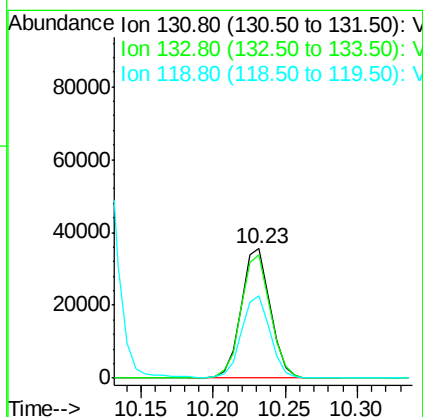
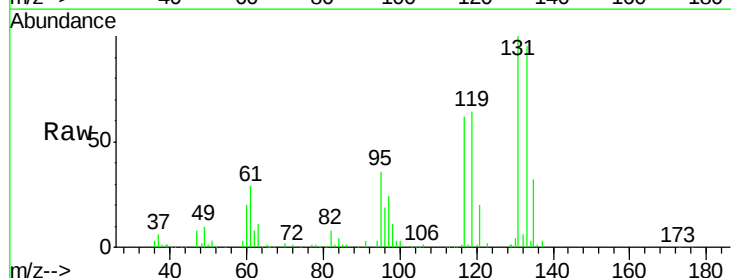
Instrument :
MSVOA_X
ClientSampleId :
VX0330MBS01

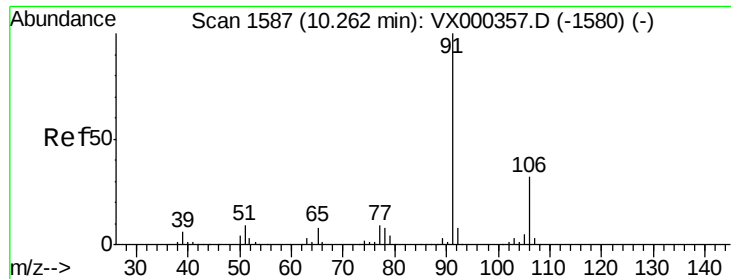
Tgt Ion:112 Resp: 148419
Ion Ratio Lower Upper
112 100
114 33.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.35 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Tgt Ion:131 Resp: 49535
Ion Ratio Lower Upper
131 100
133 96.0 47.1 141.3
119 62.8 33.1 99.2

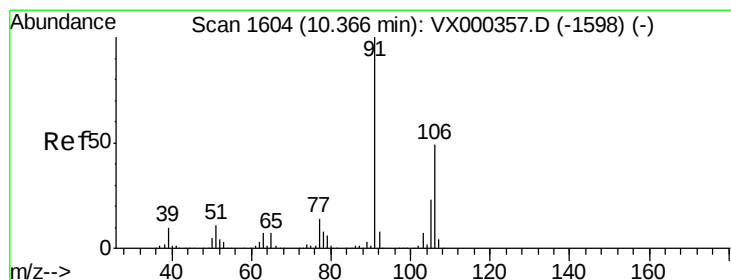
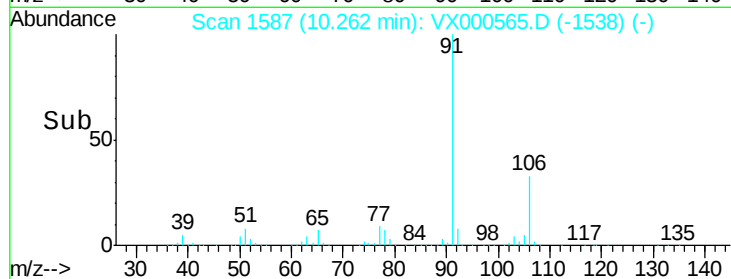
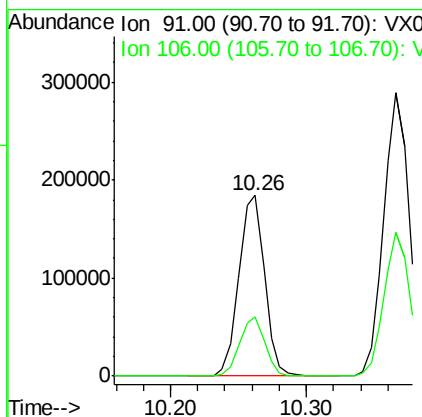
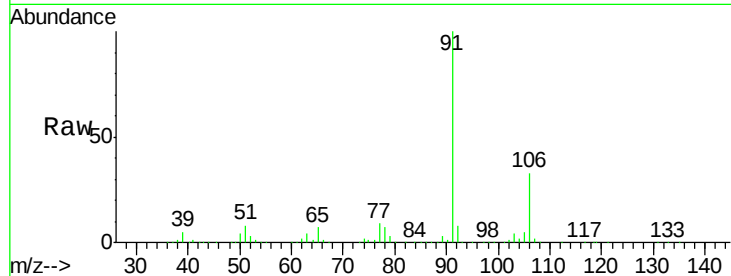




#67
Ethyl Benzene
Concen: 18.10 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

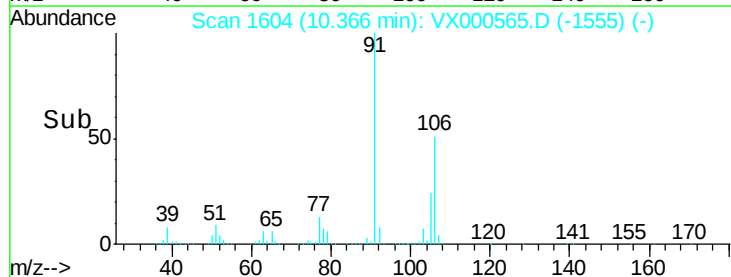
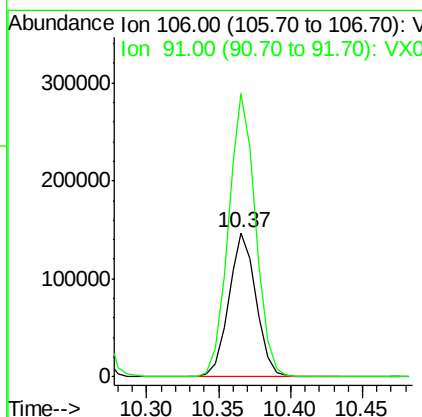
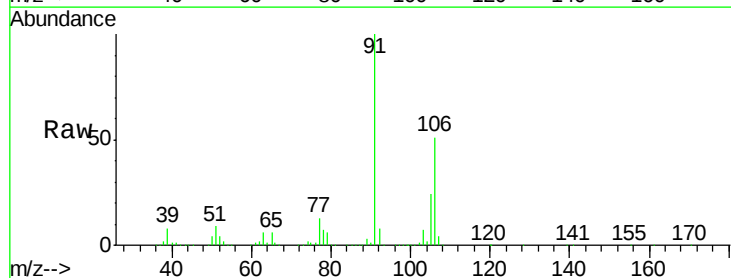
Instrument :
MSVOA_X
ClientSampleId :
VX0330MBS01

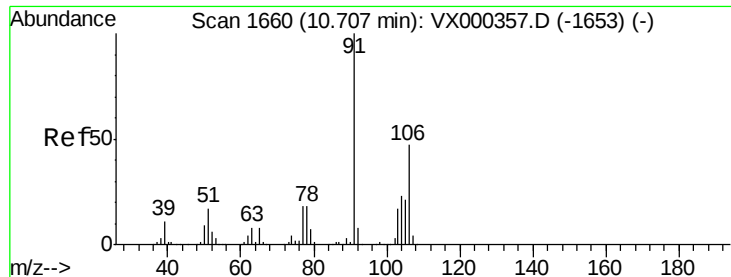
Tgt Ion: 91 Resp: 243923
Ion Ratio Lower Upper
91 100
106 32.9 25.0 37.6



#68
m/p-Xylenes
Concen: 36.53 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Tgt Ion: 106 Resp: 193666
Ion Ratio Lower Upper
106 100
91 197.6 163.4 245.2

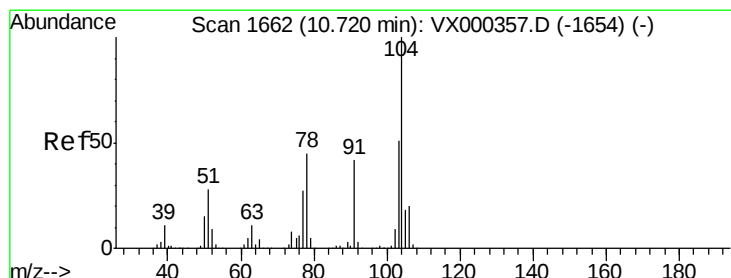
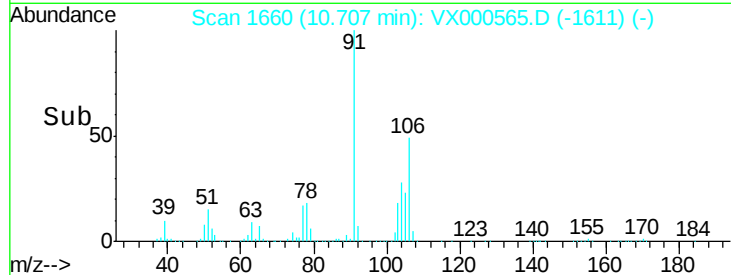
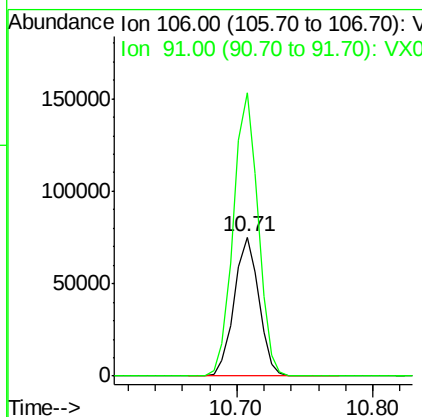
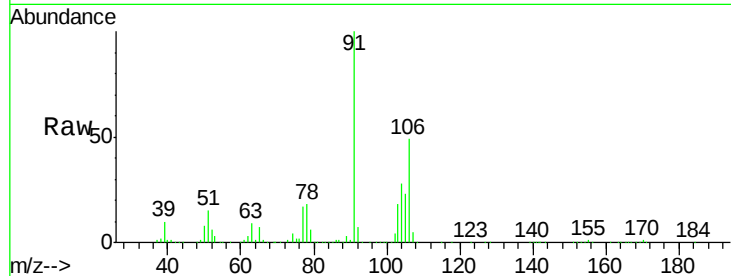




#69
o-Xylene
Concen: 18.49 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

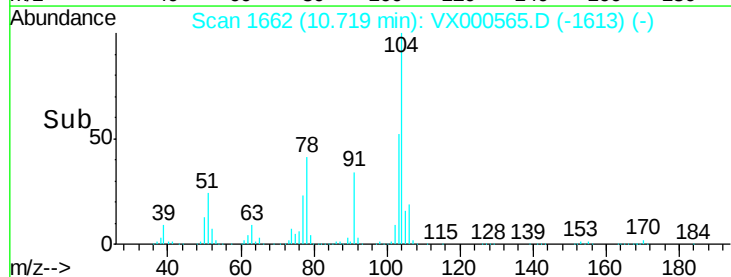
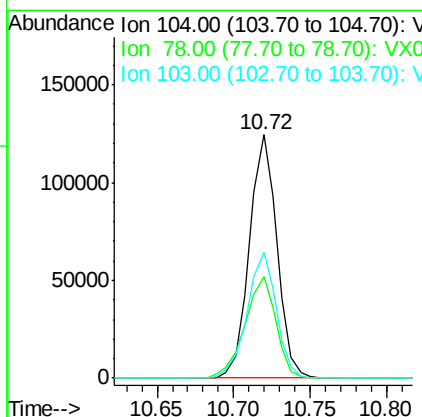
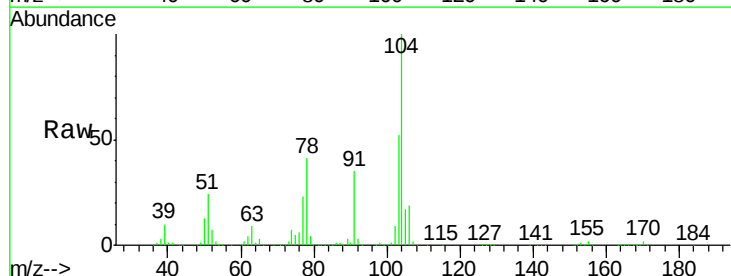
Instrument :
MSVOA_X
ClientSampleId :
VX0330MBS01

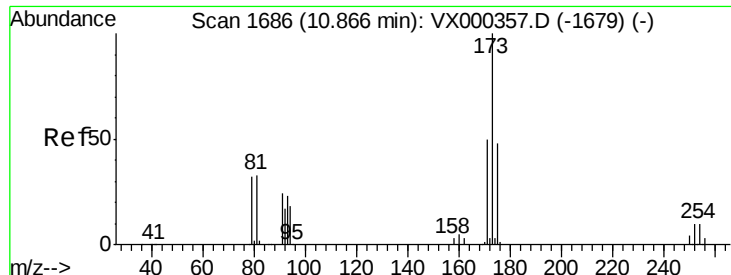
Tgt Ion:106 Resp: 94947
Ion Ratio Lower Upper
106 100
91 204.5 106.5 319.6



#70
Styrene
Concen: 18.33 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000565.D
Acq: 30 Mar 2018 17:31

Tgt Ion:104 Resp: 155692
Ion Ratio Lower Upper
104 100
78 47.0 40.5 60.7
103 55.4 45.7 68.5





#71

Bromoform

Concen: 16.96 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBS01

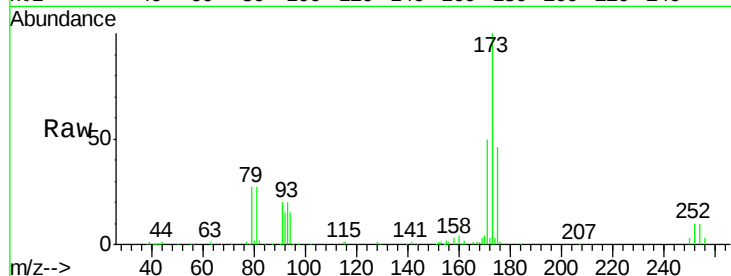
Tgt Ion:173 Resp: 37904

Ion Ratio Lower Upper

173 100

175 48.6 25.4 76.4

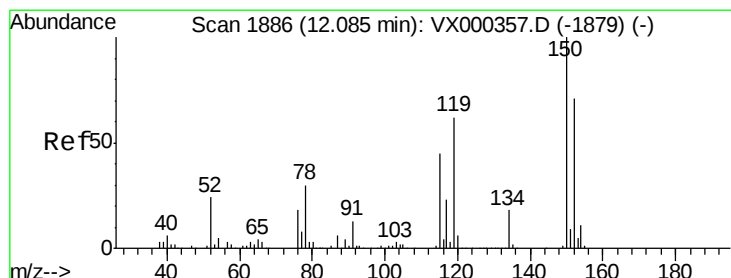
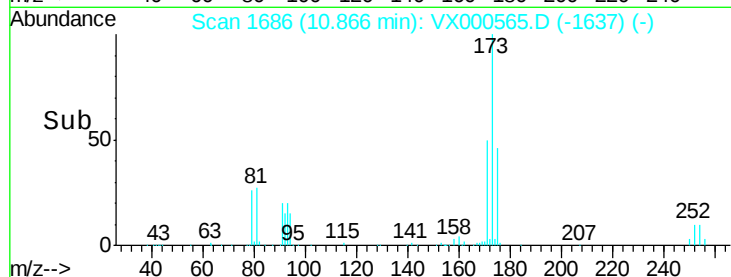
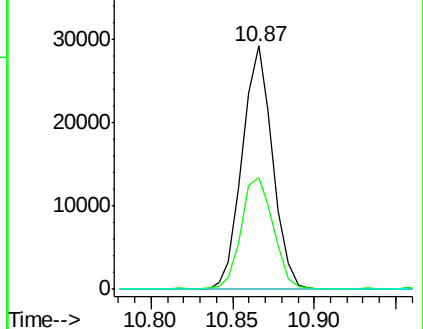
254 0.0 0.0 0.0



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: VX000565.D

Acq: 30 Mar 2018 17:31

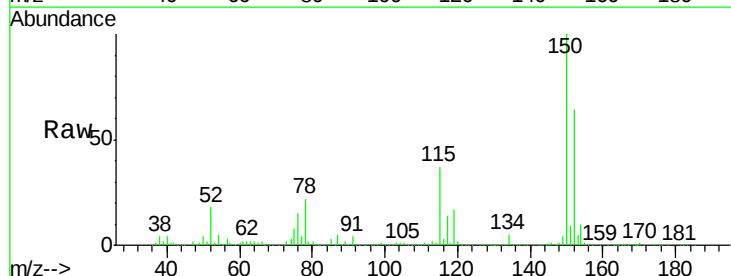
Tgt Ion:152 Resp: 207038

Ion Ratio Lower Upper

152 100

115 64.1 39.8 119.3

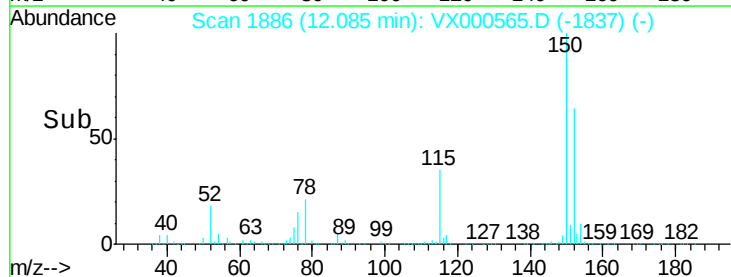
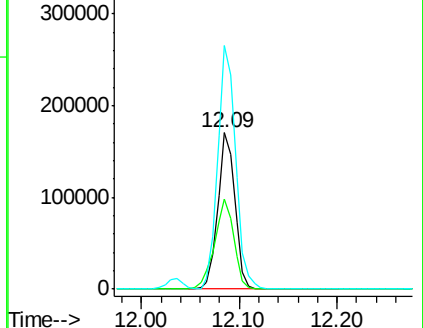
150 163.3 0.0 344.4

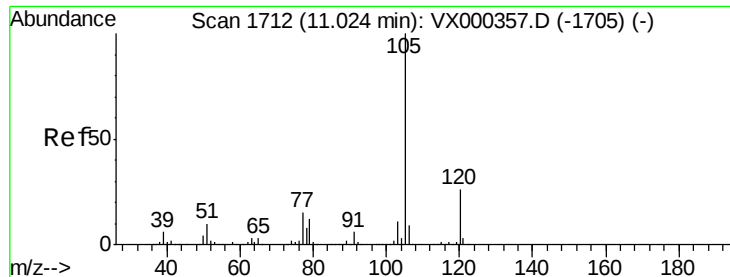


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.39 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

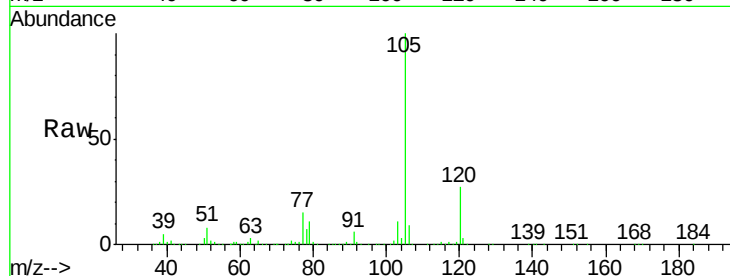
VX0330MBS01

Tgt Ion: 105 Resp: 252303

Ion Ratio Lower Upper

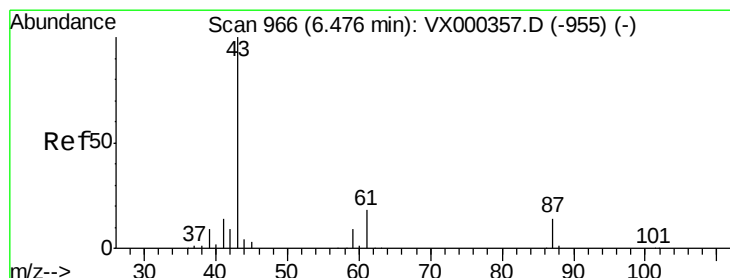
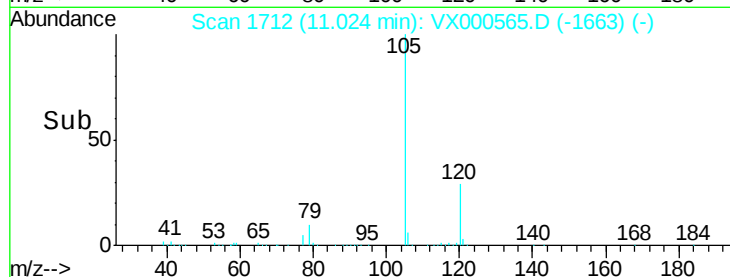
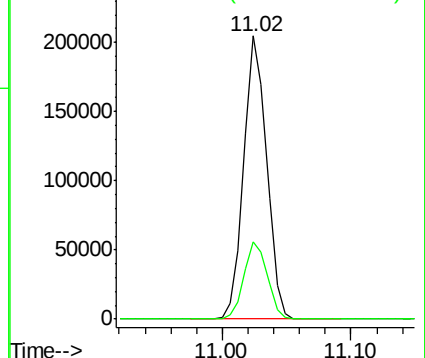
105 100

120 27.7 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.27 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Tgt Ion: 43 Resp: 110540

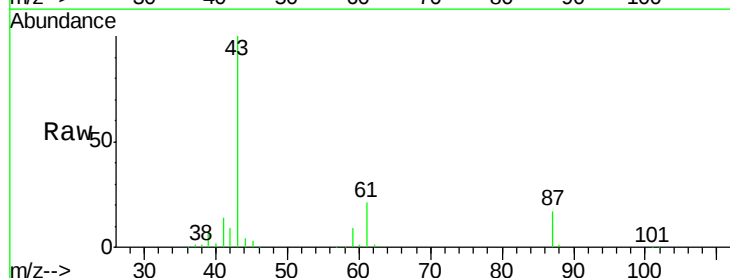
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 20.5 14.4 21.6

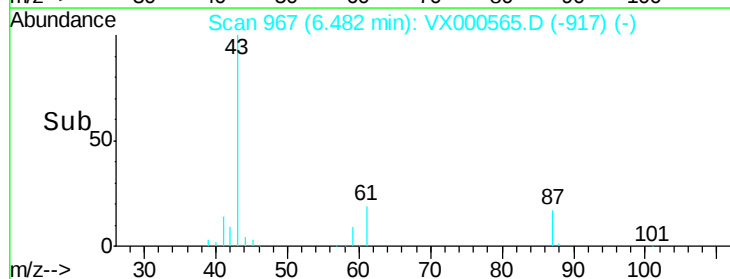
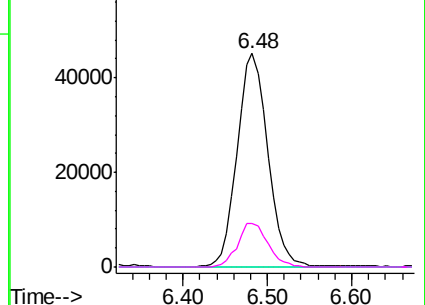


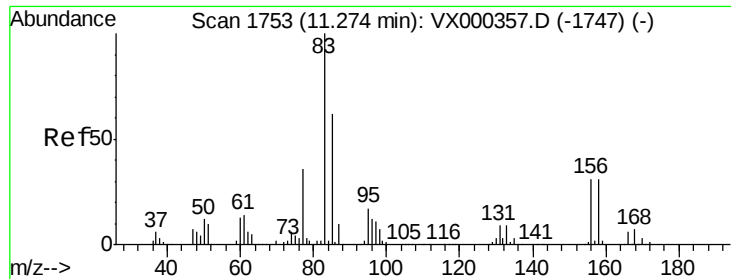
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.41 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBS01

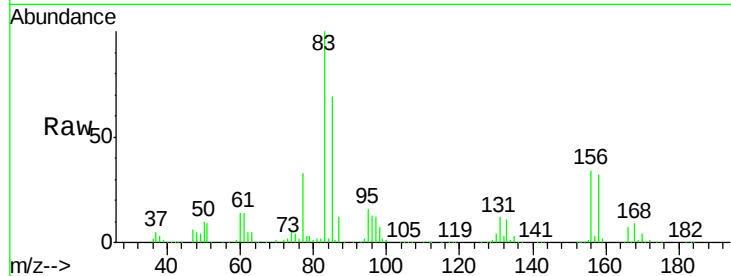
Tgt Ion: 83 Resp: 84450

Ion Ratio Lower Upper

83 100

131 11.3 5.0 14.9

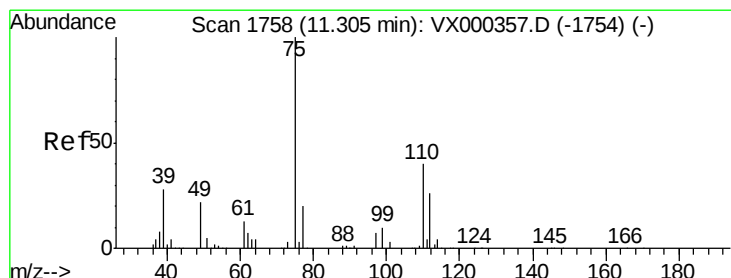
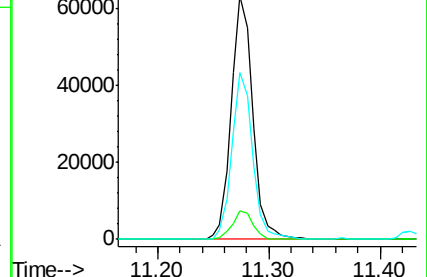
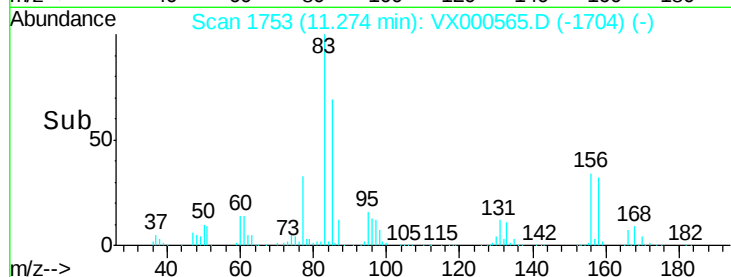
85 66.2 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.22 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000565.D

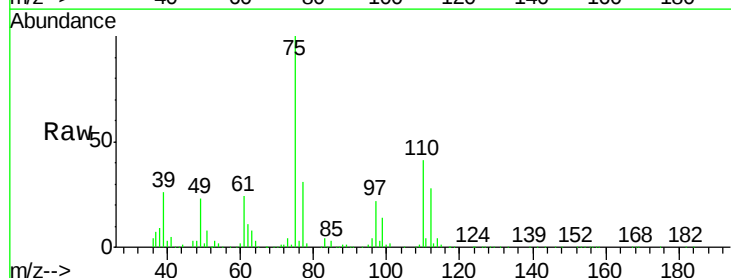
Acq: 30 Mar 2018 17:31

Tgt Ion: 75 Resp: 94399

Ion Ratio Lower Upper

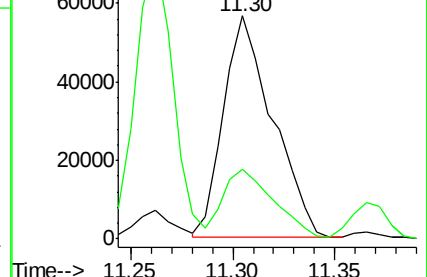
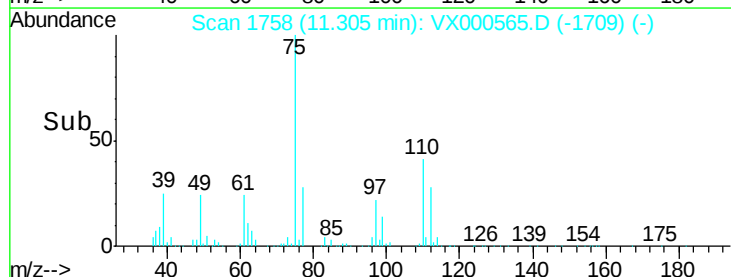
75 100

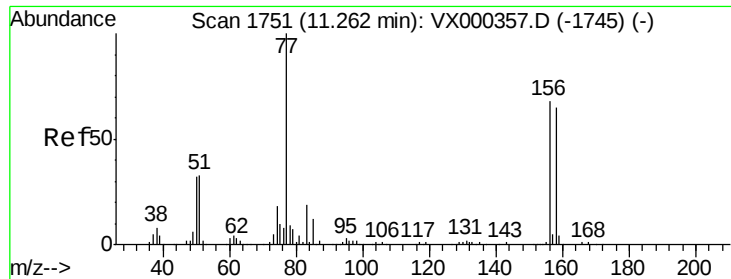
77 32.5 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.85 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBS01

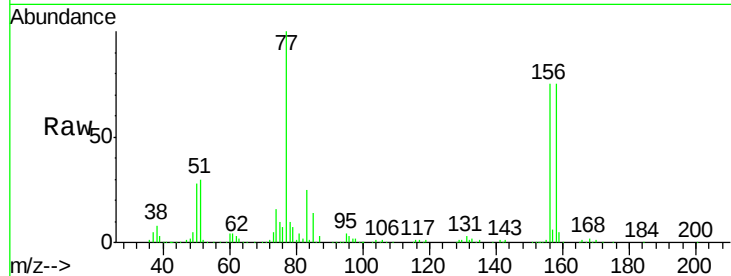
Tgt Ion:156 Resp: 68866

Ion Ratio Lower Upper

156 100

77 133.6 73.4 220.2

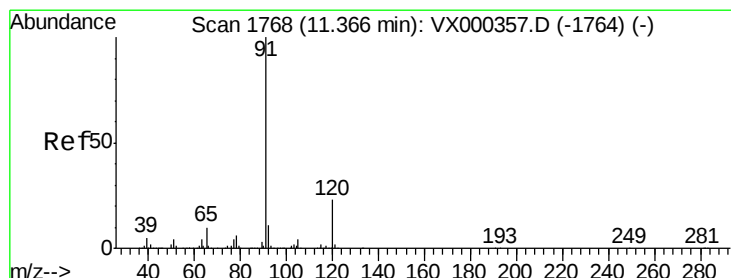
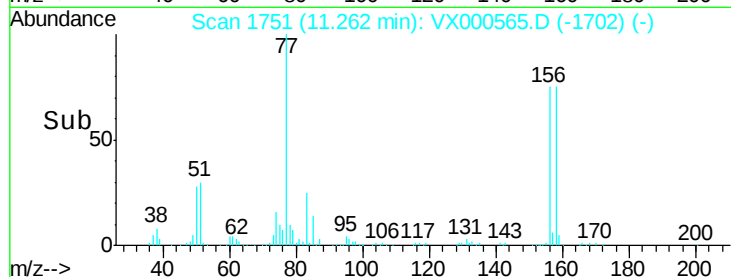
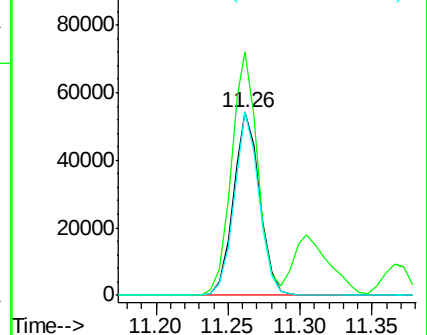
158 95.6 48.5 145.6



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: 17.85 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000565.D

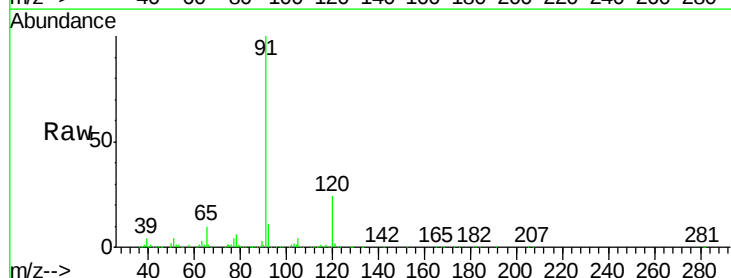
Acq: 30 Mar 2018 17:31

Tgt Ion: 91 Resp: 292046

Ion Ratio Lower Upper

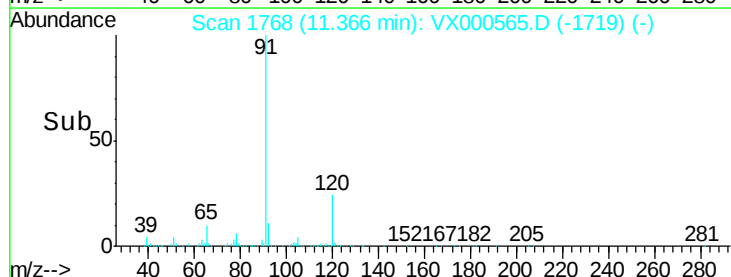
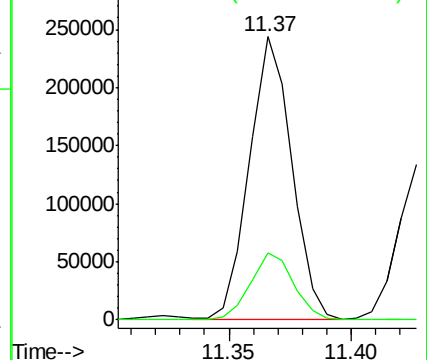
91 100

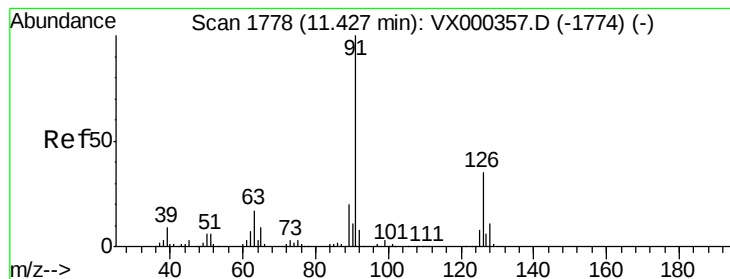
120 24.2 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.63 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampled :

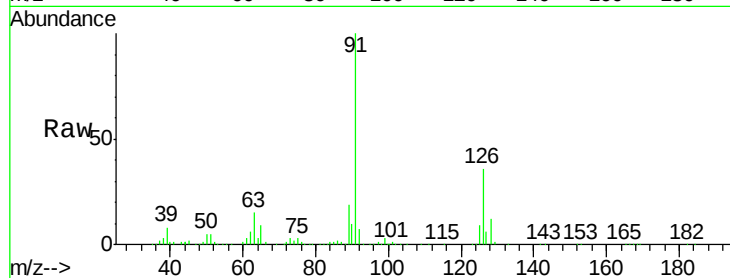
VX0330MBS01

Tgt Ion: 91 Resp: 166618

Ion Ratio Lower Upper

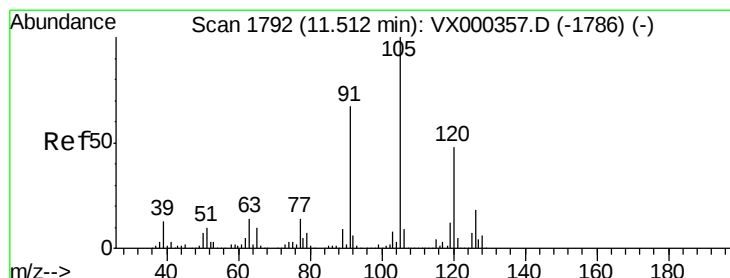
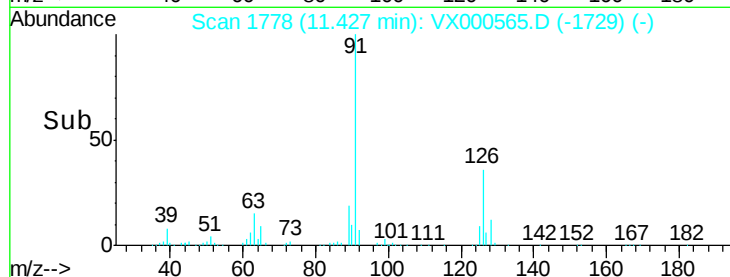
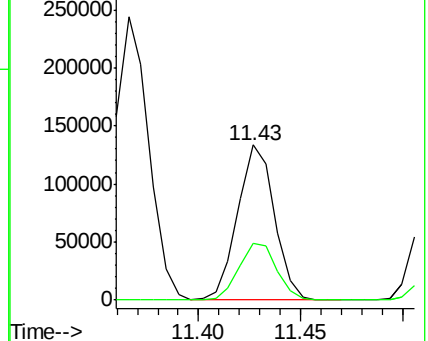
91 100

126 37.8 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.25 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000565.D

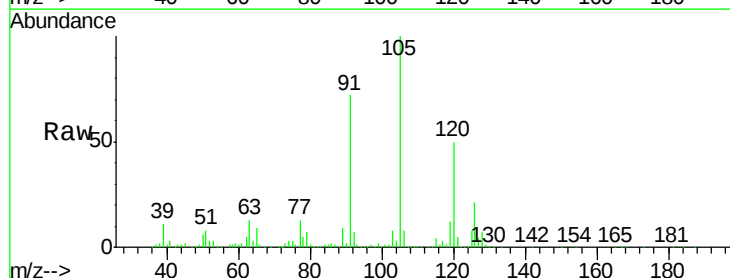
Acq: 30 Mar 2018 17:31

Tgt Ion: 105 Resp: 210500

Ion Ratio Lower Upper

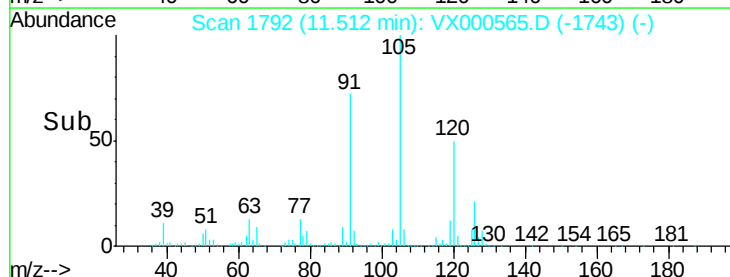
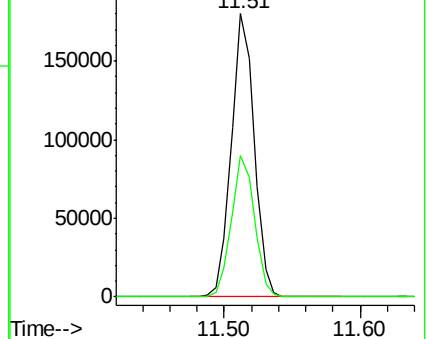
105 100

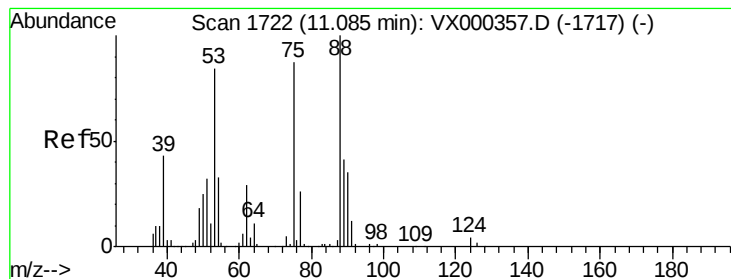
120 50.6 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 14.49 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBS01

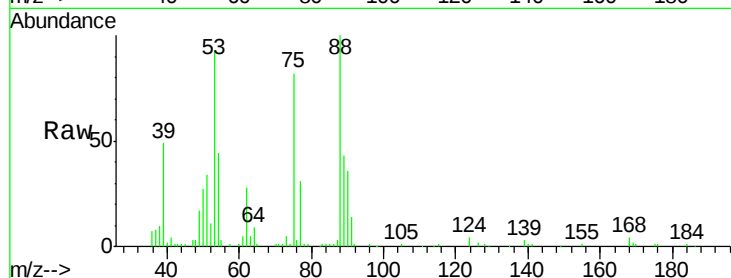
Tgt Ion: 75 Resp: 19908

Ion Ratio Lower Upper

75 100

53 115.6 80.7 121.1

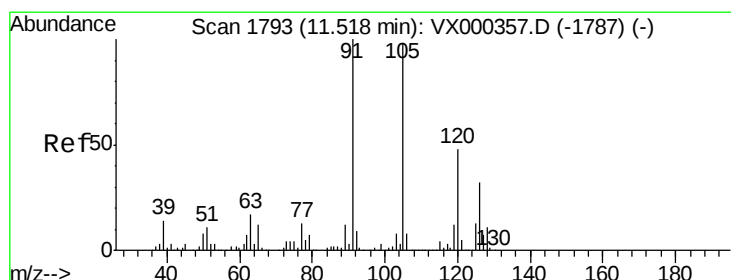
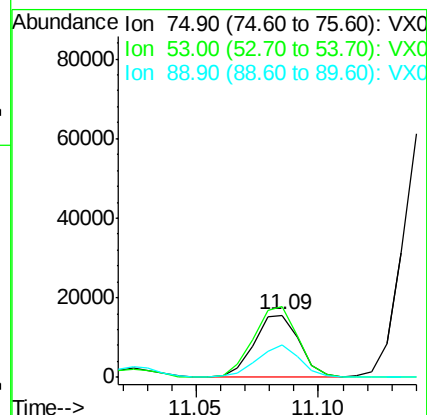
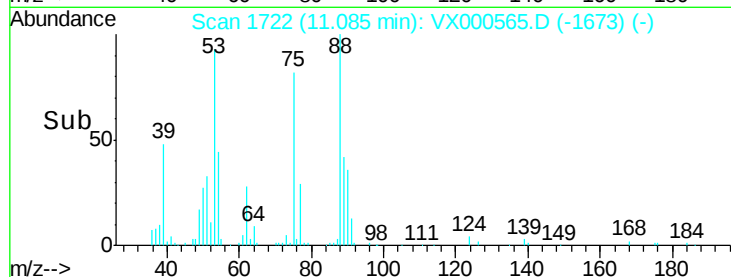
89 50.2 39.4 59.0



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: 17.85 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000565.D

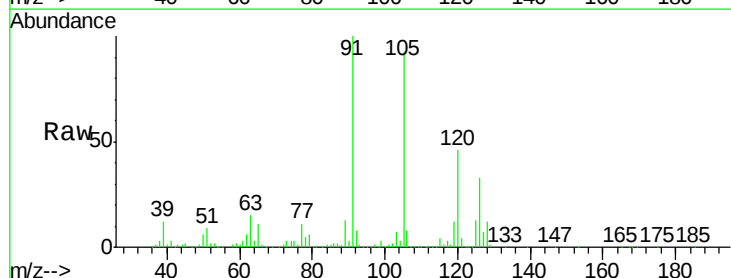
Acq: 30 Mar 2018 17:31

Tgt Ion: 91 Resp: 201365

Ion Ratio Lower Upper

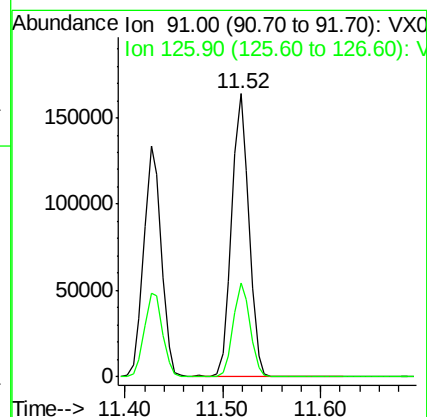
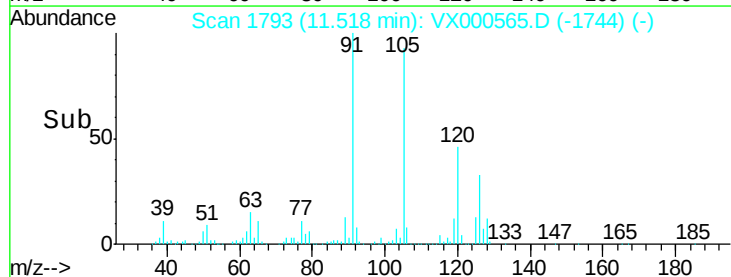
91 100

126 32.6 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

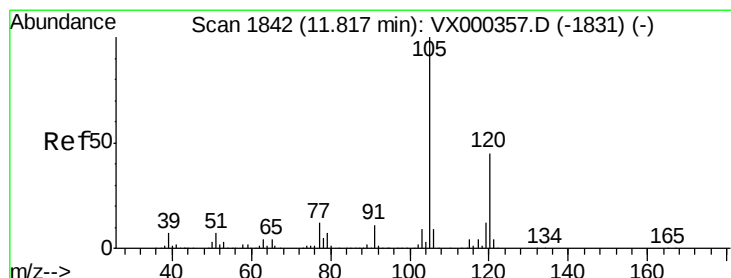
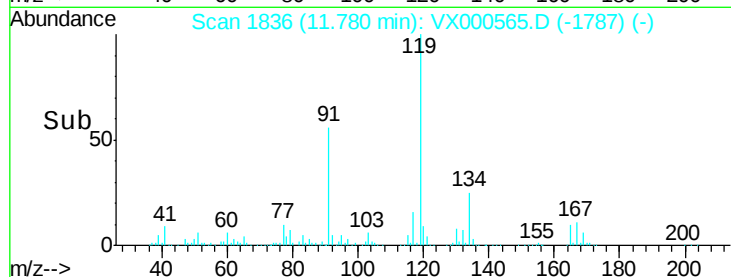
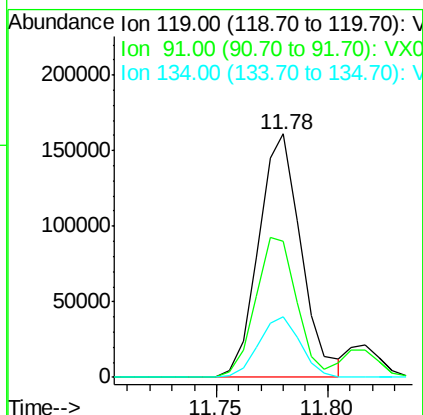
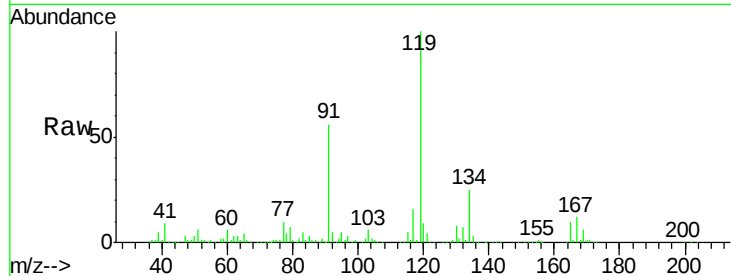




#83
 tert-Butylbenzene
 Concen: 18.38 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

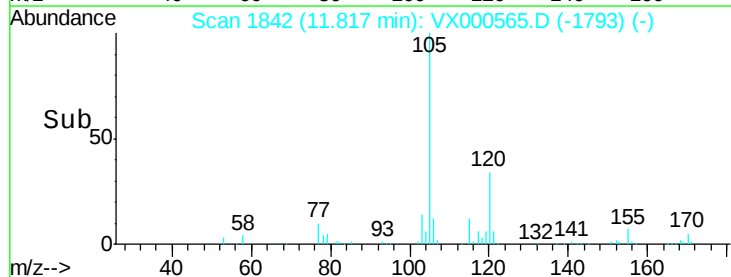
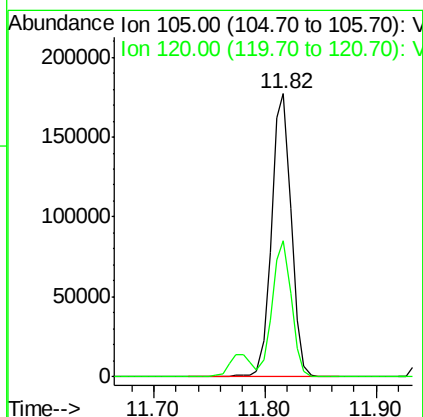
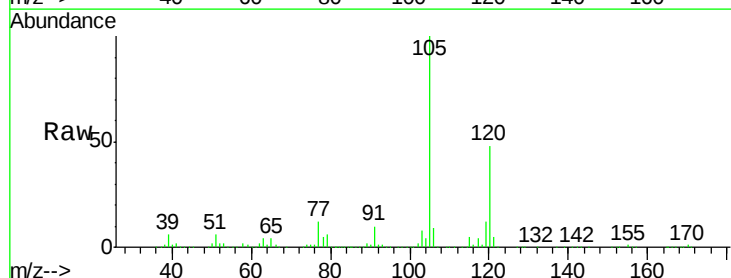
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330MBS01

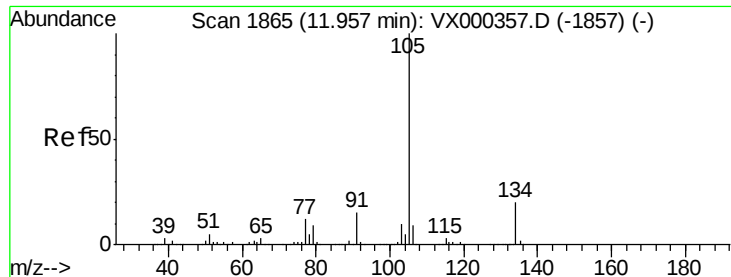
Tgt Ion:119 Resp: 213766
 Ion Ratio Lower Upper
 119 100
 91 56.0 28.8 86.4
 134 24.3 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.06 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Tgt Ion:105 Resp: 218352
 Ion Ratio Lower Upper
 105 100
 120 46.9 22.4 67.3





#85

sec-Butylbenzene

Concen: 18.05 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

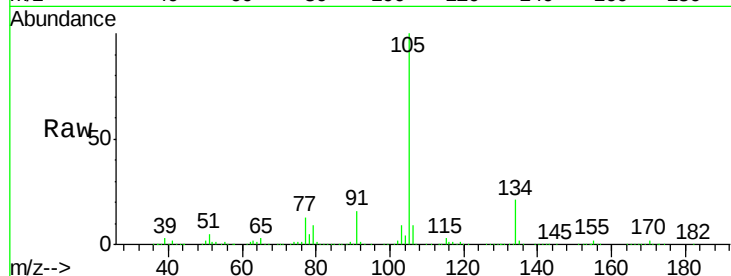
VX0330MBS01

Tgt Ion:105 Resp: 259834

Ion Ratio Lower Upper

105 100

134 21.1 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

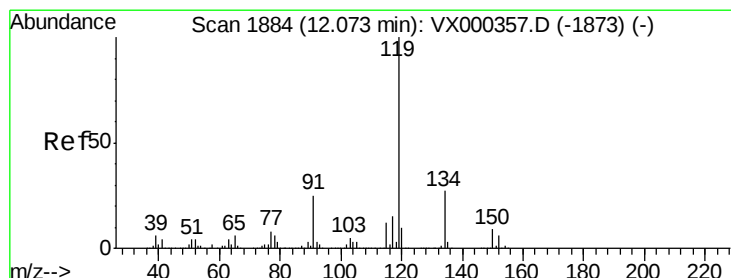
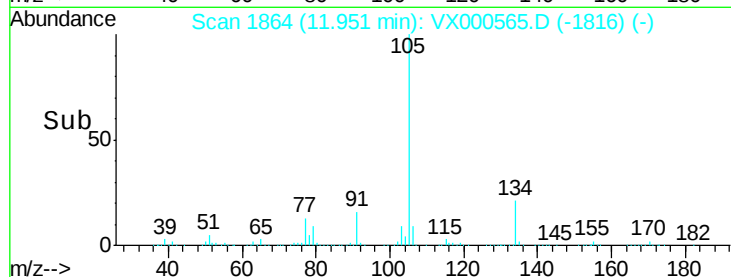
100000

50000

0

11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 18.63 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

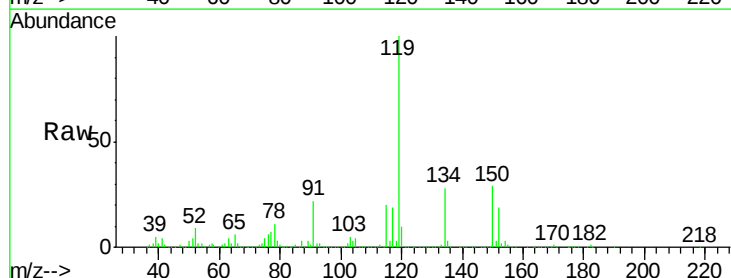
Tgt Ion:119 Resp: 238209

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

91 23.1 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

250000

200000

150000

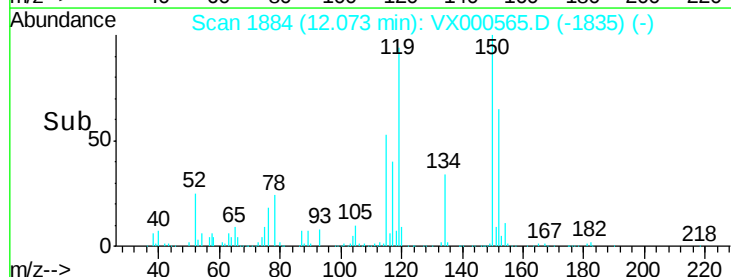
100000

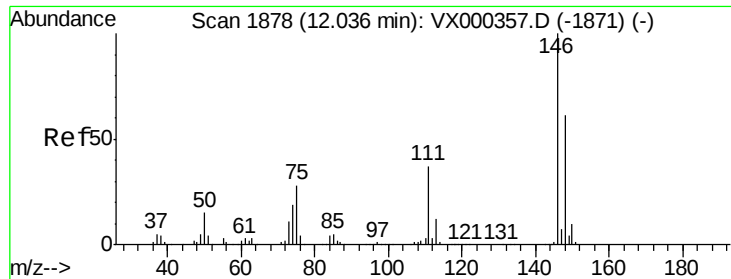
50000

0

12.00 12.10 12.20

Time-->

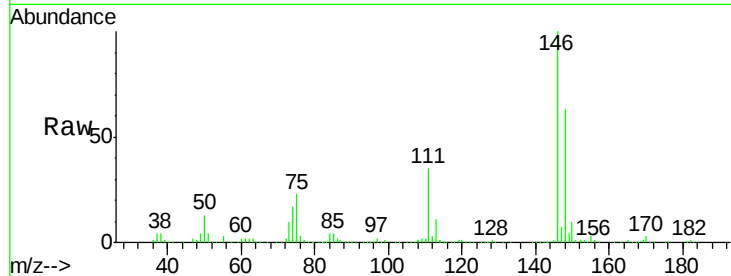




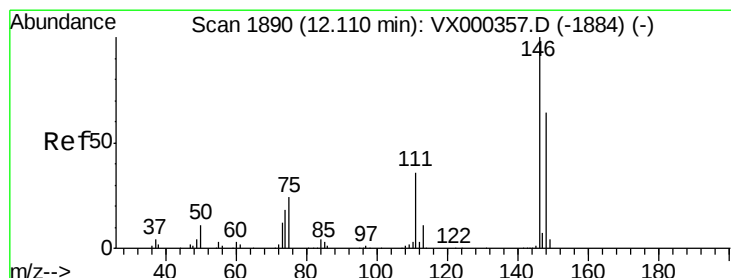
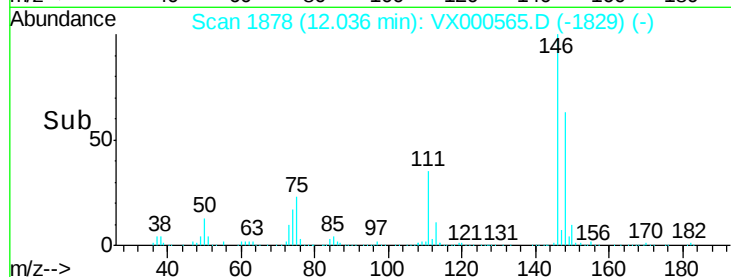
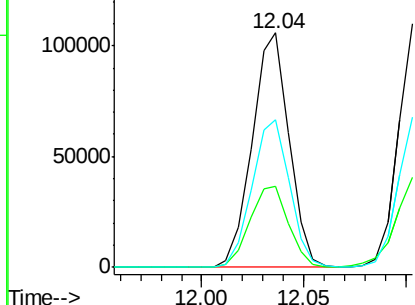
#87
 1,3-Dichlorobenzene
 Concen: 19.28 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Instrument :
 MSVOA_X
 ClientSampled :
 VX0330MBS01

Tgt Ion:146 Resp: 133217
 Ion Ratio Lower Upper
 146 100
 111 36.5 19.5 58.5
 148 64.1 32.4 97.0

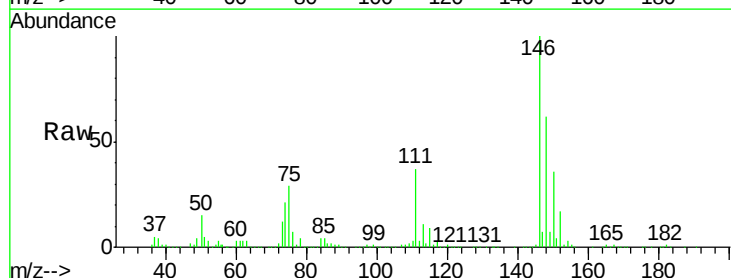


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

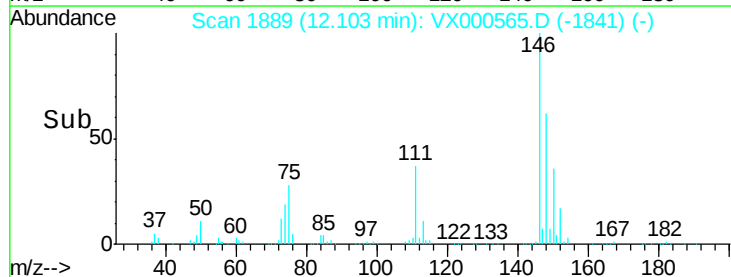
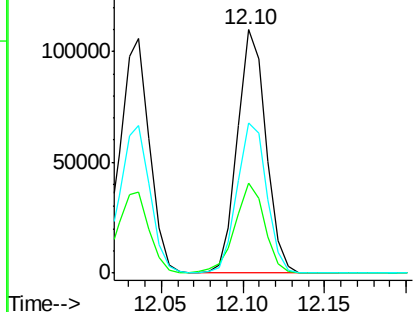


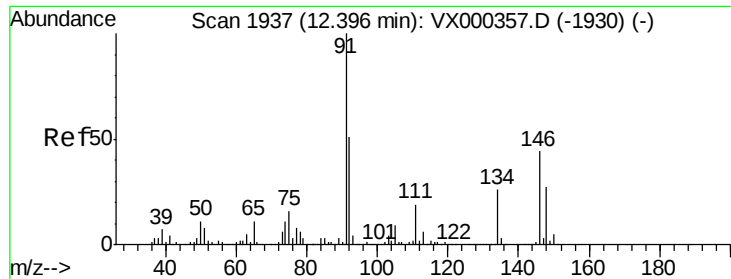
#88
 1,4-Dichlorobenzene
 Concen: 18.52 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Tgt Ion:146 Resp: 134317
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.9
 148 64.0 31.0 93.0



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 17.79 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBS01

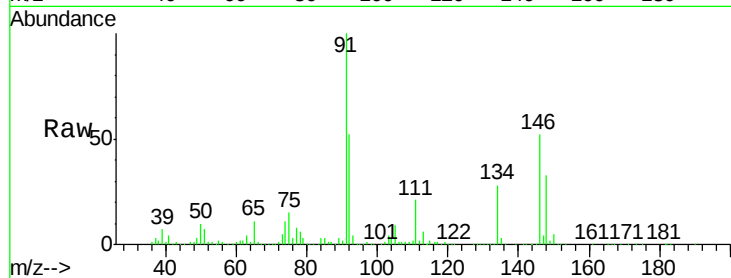
Tgt Ion: 91 Resp: 211697

Ion Ratio Lower Upper

91 100

92 52.2 25.9 77.8

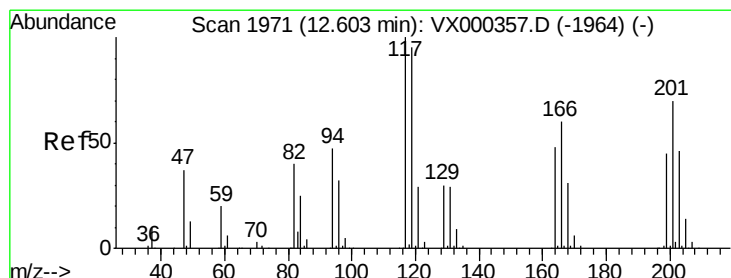
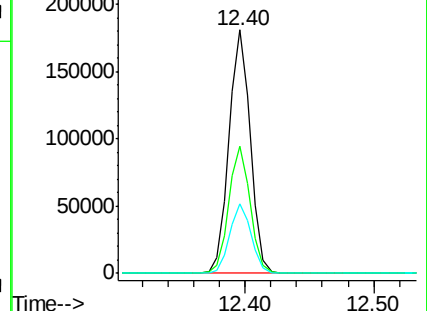
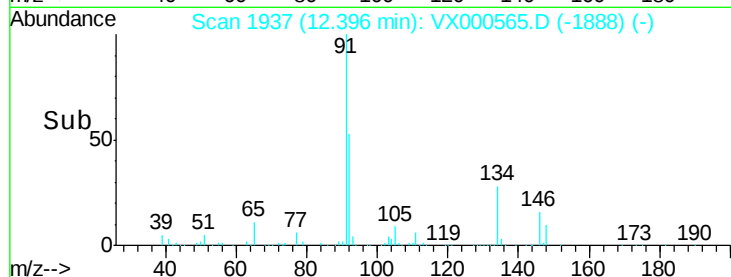
134 28.6 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 16.46 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000565.D

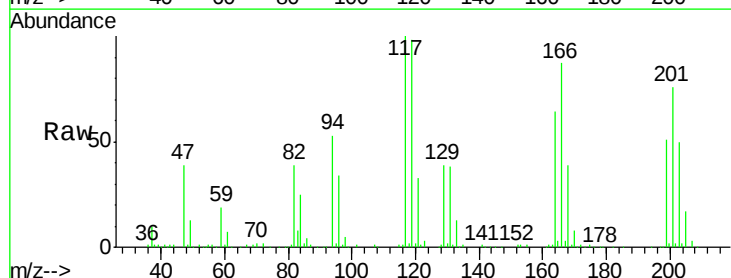
Acq: 30 Mar 2018 17:31

Tgt Ion: 117 Resp: 33127

Ion Ratio Lower Upper

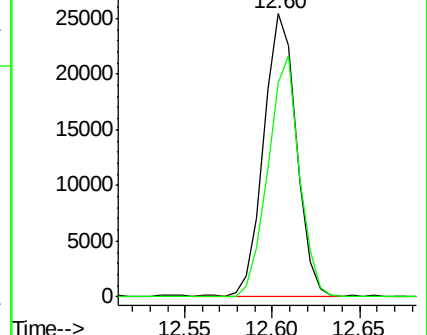
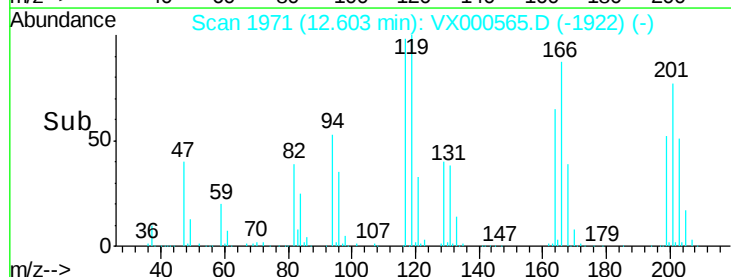
117 100

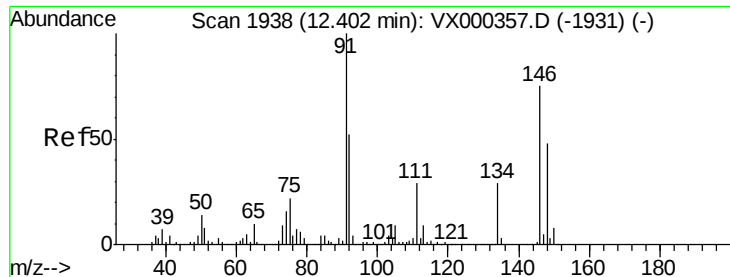
201 81.3 37.9 113.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

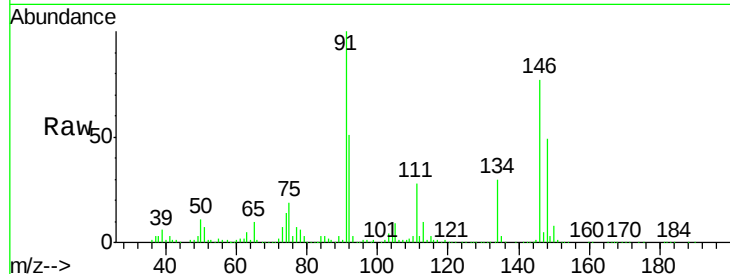




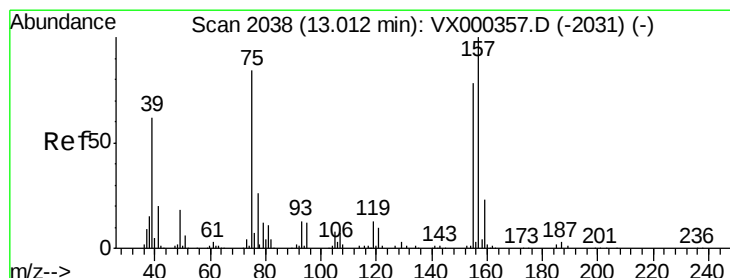
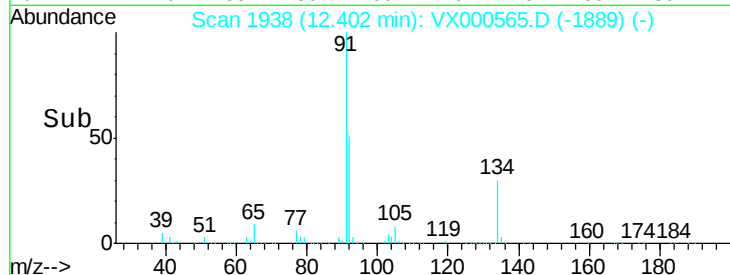
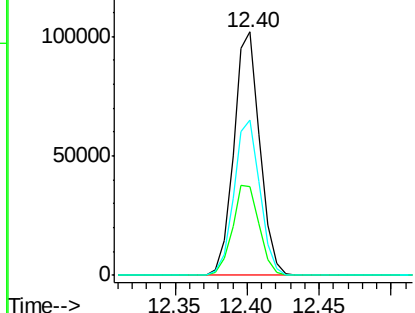
#91
 1,2-Dichlorobenzene
 Concen: 18.97 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330MBS01

Tgt Ion:146 Resp: 128497
 Ion Ratio Lower Upper
 146 100
 111 38.4 20.1 60.2
 148 63.8 31.2 93.6

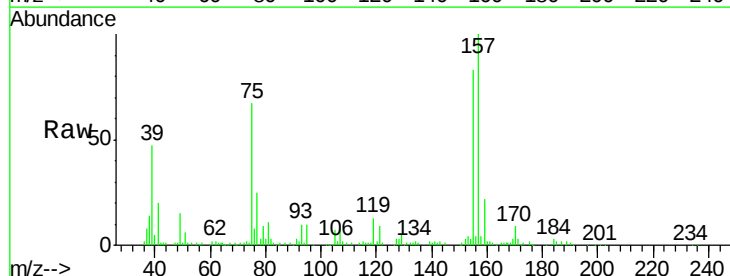


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

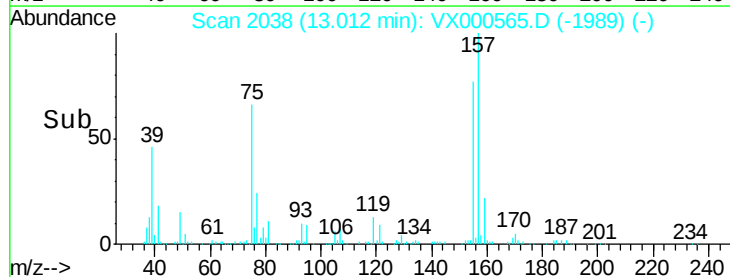
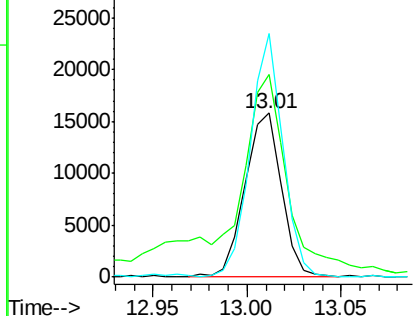


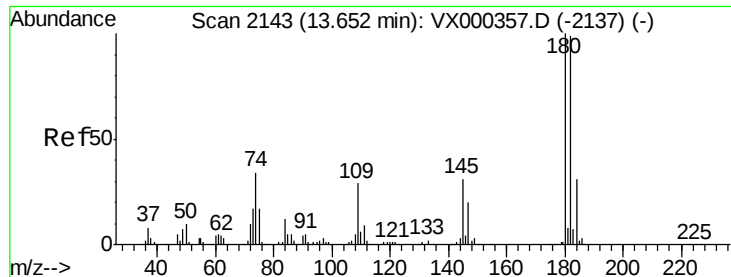
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.58 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Tgt Ion: 75 Resp: 21086
 Ion Ratio Lower Upper
 75 100
 155 205.1 45.0 134.8#
 157 133.3 58.1 174.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

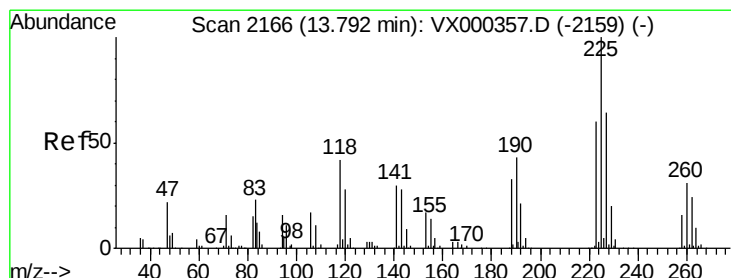
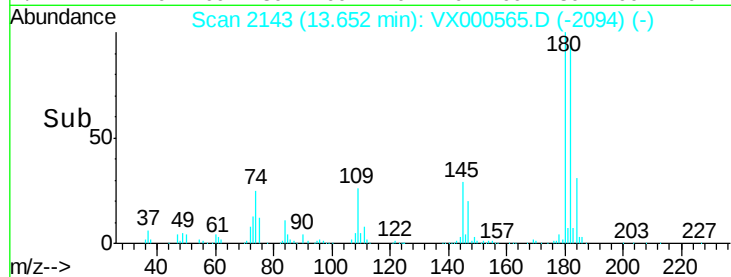
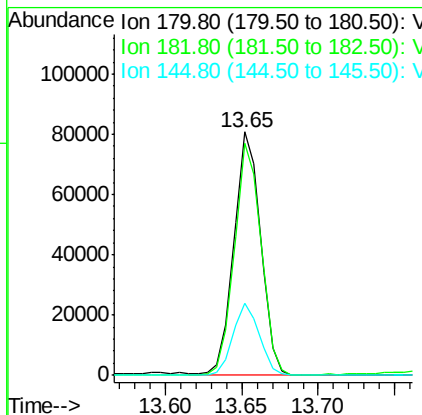
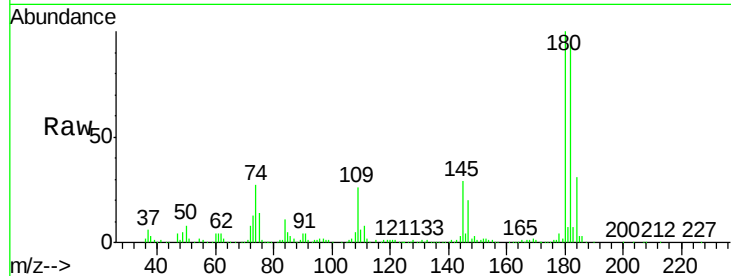




#93
 1,2,4-Trichlorobenzene
 Concen: 20.25 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

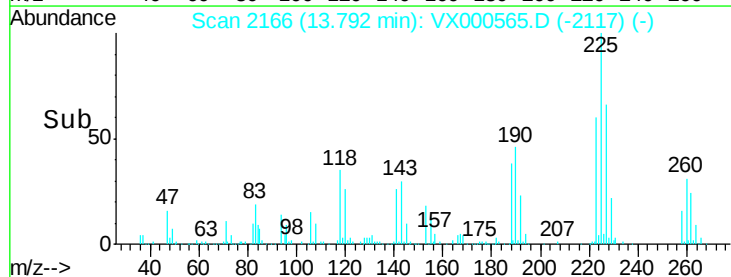
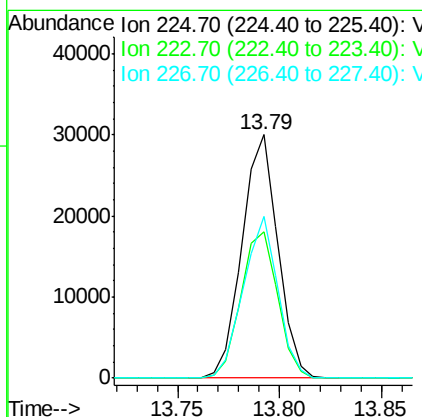
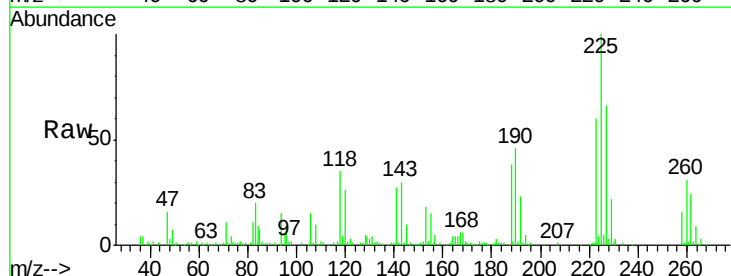
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330MBS01

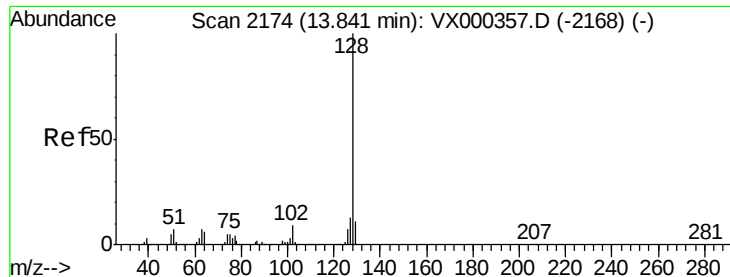
Tgt Ion:180 Resp: 98326
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.6 142.9
 145 29.0 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 18.16 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000565.D
 Acq: 30 Mar 2018 17:31

Tgt Ion:225 Resp: 36517
 Ion Ratio Lower Upper
 225 100
 223 62.0 32.0 96.0
 227 64.6 32.6 98.0





#95

Naphthalene

Concen: 27.46 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBS01

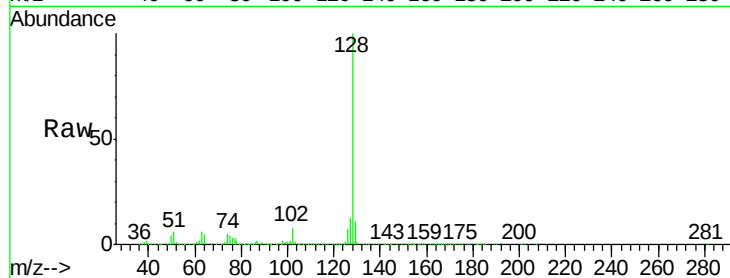
Tgt Ion:128 Resp: 464557

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

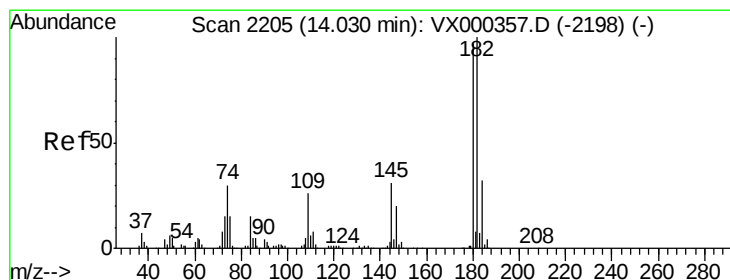
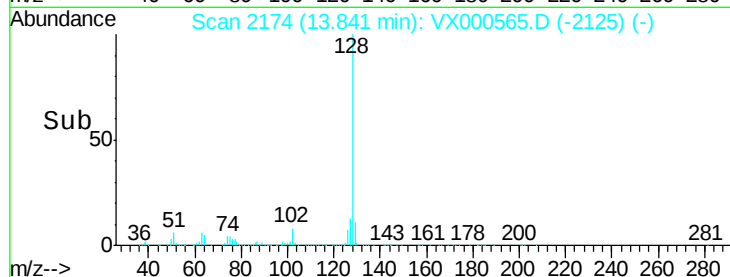
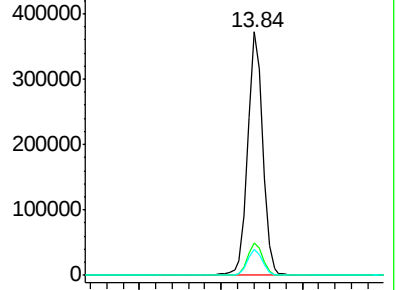
129 10.7 8.9 13.3



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: 20.47 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000565.D

Acq: 30 Mar 2018 17:31

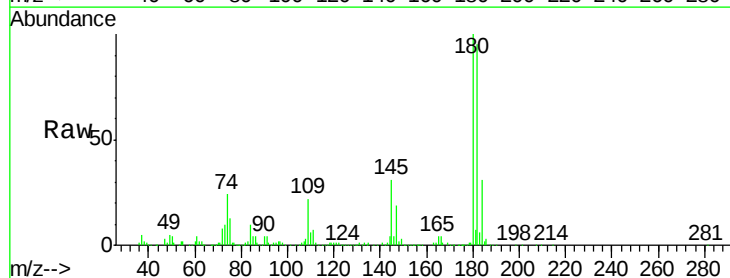
Tgt Ion:180 Resp: 98210

Ion Ratio Lower Upper

180 100

182 93.1 47.4 142.3

145 30.6 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

