

Data File : VX000533.D

Acq On : 30 Mar 2018 00:55

Operator : JC/MD

Sample : VX0329WBS02

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS02

Quant Time: Mar 30 07:01:05 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	115312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	194427	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	199929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	116136	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	80341	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
35) Dibromofluoromethane	5.51	113	63031	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
50) Toluene-d8	8.73	98	244440	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
62) 4-Bromofluorobenzene	11.15	95	95098	45.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	22727	17.88	ug/l	97
3) Chloromethane	1.32	50	23188	17.32	ug/l	97
4) Vinyl Chloride	1.40	62	29919	21.15	ug/l	98
5) Bromomethane	1.64	94	33365	19.73	ug/l	95
6) Chloroethane	1.73	64	22493	28.09	ug/l	95
7) Trichlorofluoromethane	1.93	101	56895	22.28	ug/l	97
8) Diethyl Ether	2.20	74	20130	22.06	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	30469	21.40	ug/l	97
10) Methyl Iodide	2.51	142	19831	17.13	ug/l	97
11) Tert butyl alcohol	3.08	59	68176	131.67	ug/l	99
12) 1,1-Dichloroethene	2.38	96	28029	22.43	ug/l	97
13) Acrolein	2.29	56	17046	111.68	ug/l	99
14) Allyl chloride	2.73	41	52144	23.57	ug/l	98
15) Acrylonitrile	3.15	53	124157	118.40	ug/l	99
16) Acetone	2.45	43	121269	96.85	ug/l	97
17) Carbon Disulfide	2.57	76	65994	19.86	ug/l	100
18) Methyl Acetate	2.78	43	65863	25.09	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	106692	23.08	ug/l	96
20) Methylene Chloride	2.86	84	31123	21.52	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	29617	21.24	ug/l	96
22) Diisopropyl ether	3.89	45	71211	18.23	ug/l	91
23) Vinyl Acetate	3.84	43	322504	87.07	ug/l	99
24) 1,1-Dichloroethane	3.70	63	42937	17.48	ug/l	97
25) 2-Butanone	4.72	43	143194	101.74	ug/l	98
26) 2,2-Dichloropropane	4.59	77	27486	15.96	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	27247	20.91	ug/l	92
28) Bromochloromethane	5.03	49	19790	19.54	ug/l	100
29) Tetrahydrofuran	5.18	42	93493	107.97	ug/l	99
30) Chloroform	5.23	83	49098	21.33	ug/l	94
31) Cyclohexane	5.59	56	36950	19.46	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	41638	20.05	ug/l	98
36) 1,1-Dichloropropene	5.81	75	35467	19.47	ug/l	100
37) Ethyl Acetate	4.88	43	49781	20.01	ug/l	99
38) Carbon Tetrachloride	5.79	117	36038	18.86	ug/l	96

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Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS02

Quant Time: Mar 30 07:01:05 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	40706	18.38	ug/l	93
40) Benzene	6.15	78	105848	20.01	ug/l	98
41) Methacrylonitrile	5.07	41	25262	19.26	ug/l	96
42) 1,2-Dichloroethane	6.21	62	41740	20.11	ug/l	100
43) Isopropyl Acetate	6.48	43	73498	19.85	ug/l	98
44) Trichloroethene	7.22	130	30170	19.91	ug/l	94
45) 1,2-Dichloropropane	7.52	63	28695	21.20	ug/l	98
46) Dibromomethane	7.67	93	21530	20.26	ug/l	97
47) Bromodichloromethane	7.91	83	38258	20.46	ug/l	98
48) Methyl methacrylate	7.79	41	36648	20.38	ug/l	98
49) 1,4-Dioxane	7.76	88	16667	441.05	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	300672	104.90	ug/l	98
52) Toluene	8.79	92	73870	19.98	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	41226	19.03	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	41067	19.54	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	31049	20.42	ug/l	94
56) Ethyl methacrylate	9.19	69	45827	19.89	ug/l	99
57) 1,3-Dichloropropane	9.38	76	50427	20.74	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	97967	88.59	ug/l	97
59) 2-Hexanone	9.51	43	250152	102.78	ug/l	98
60) Dibromochloromethane	9.59	129	31675	20.27	ug/l	99
61) 1,2-Dibromoethane	9.68	107	33671	20.65	ug/l	100
64) Tetrachloroethene	9.34	164	31789	20.49	ug/l	94
65) Chlorobenzene	10.15	112	86137	19.36	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	29283	19.38	ug/l	99
67) Ethyl Benzene	10.26	91	144818	19.20	ug/l	100
68) m/p-Xylenes	10.37	106	114534	38.59	ug/l	96
69) o-Xylene	10.71	106	54445	18.95	ug/l	99
70) Styrene	10.72	104	94915	19.96	ug/l	97
71) Bromoform	10.87	173	23532	18.29	ug/l	# 98
73) Isopropylbenzene	11.02	105	151739	19.72	ug/l	99
74) N-amyl acetate	6.48	43	73498	19.93	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	54808	20.14	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	62307	24.96	ug/l	82
77) Bromobenzene	11.26	156	38616	18.84	ug/l	100
78) n-propylbenzene	11.37	91	181364	19.77	ug/l	99
79) 2-Chlorotoluene	11.43	91	102764	19.39	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	130405	20.16	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	13030	16.90	ug/l	90
82) 4-Chlorotoluene	11.52	91	123603	19.53	ug/l	98
83) tert-Butylbenzene	11.78	119	125125	19.18	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	133751	19.72	ug/l	100
85) sec-Butylbenzene	11.96	105	158620	19.65	ug/l	99
86) p-Isopropyltoluene	12.07	119	143198	19.97	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	75910	19.59	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	79546	19.55	ug/l	100
89) n-Butylbenzene	12.40	91	132684	19.87	ug/l	100
90) Hexachloroethane	12.60	117	22248	19.71	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	75773	19.94	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14775	19.47	ug/l	98

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

Data File : VX000533.D
Acq On : 30 Mar 2018 00:55
Operator : JC/MD
Sample : VX0329WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS02

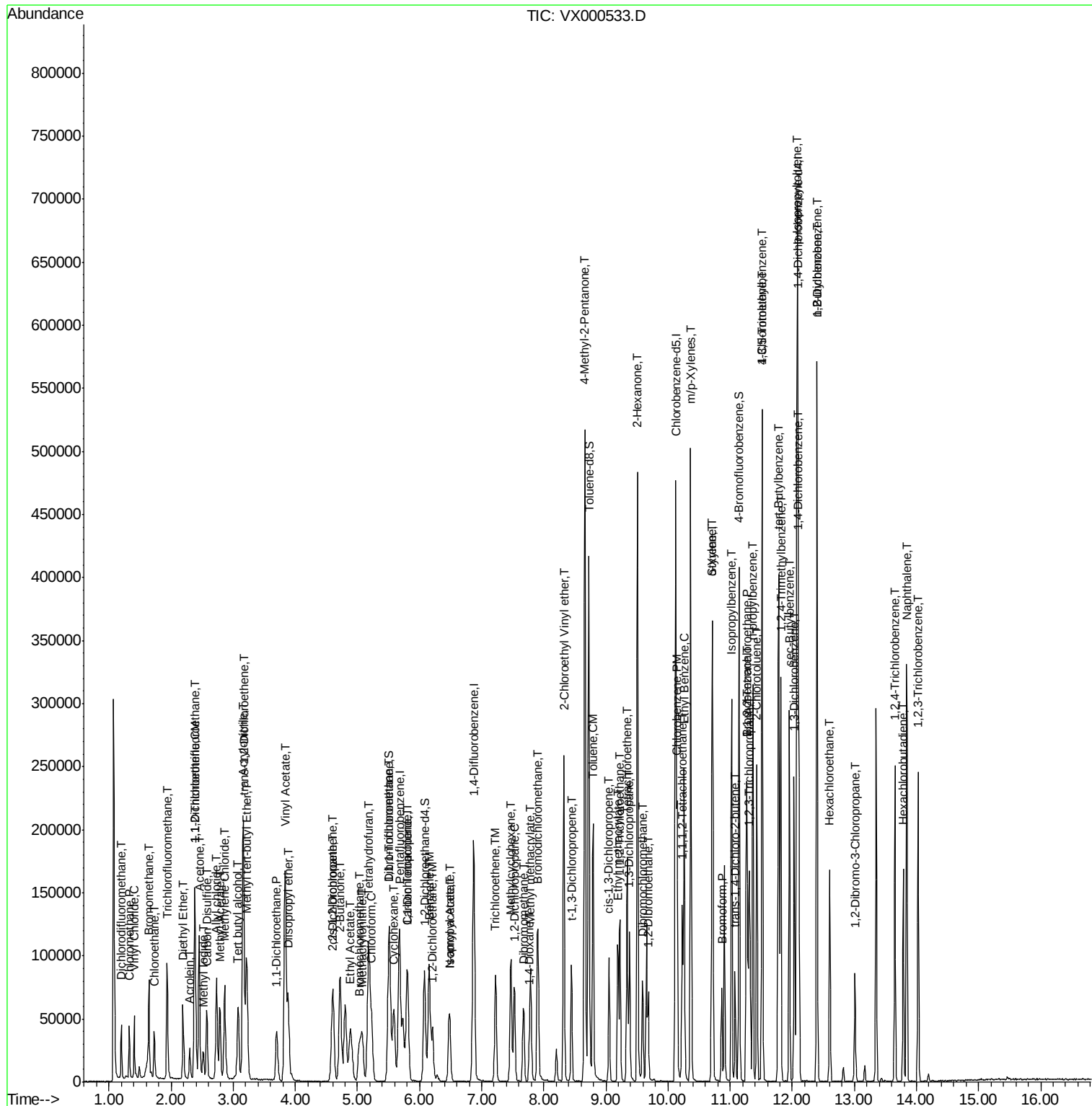
Quant Time: Mar 30 07:01:05 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

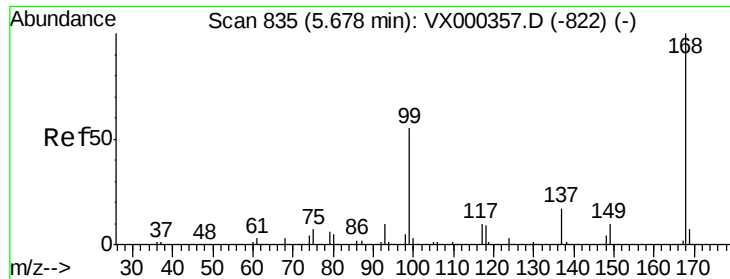
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	52929	19.43	ug/l	98
94) Hexachlorobutadiene	13.79	225	22210	19.69	ug/l	96
95) Naphthalene	13.84	128	194709	20.52	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	56080	20.83	ug/l	99

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

ALS Vial : 31 Sample Multiplier: 1

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

Instrument :

MSVOA_X

ClientSampleId :

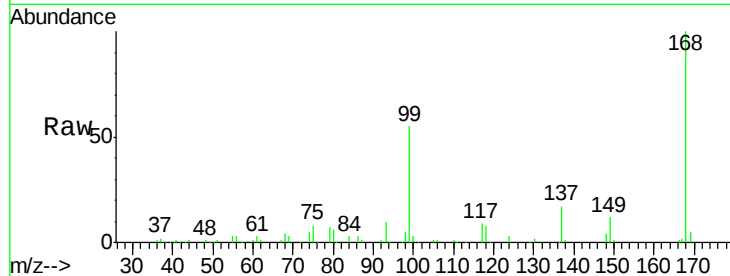
VX0329WBS02

Tgt Ion:168 Resp: 115312

Ion Ratio Lower Upper

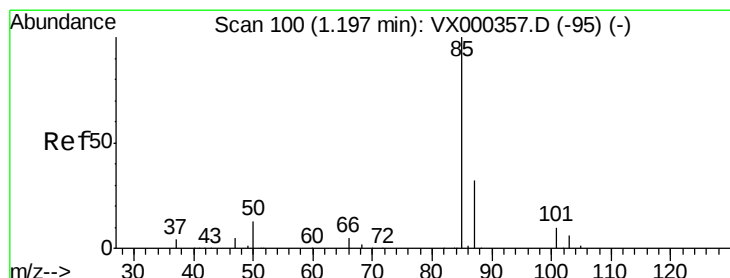
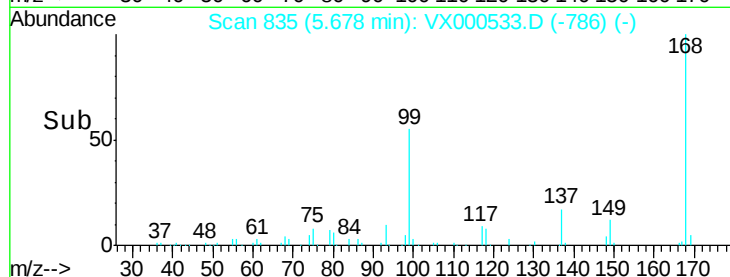
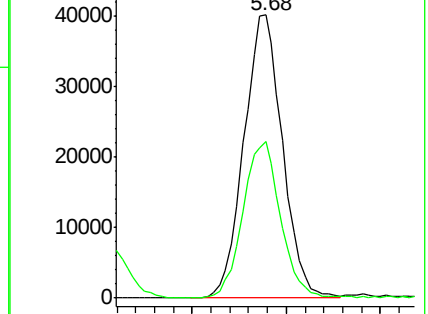
168 100

99 55.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.88 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000533.D

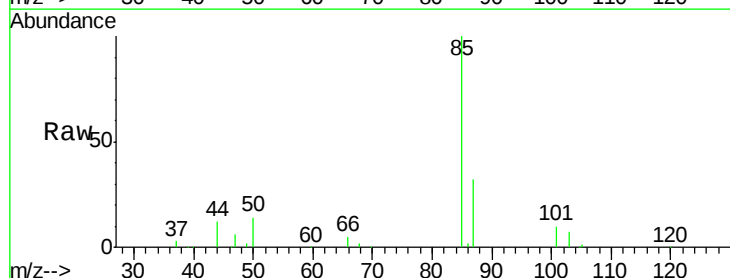
Acq: 30 Mar 2018 00:55

Tgt Ion: 85 Resp: 22727

Ion Ratio Lower Upper

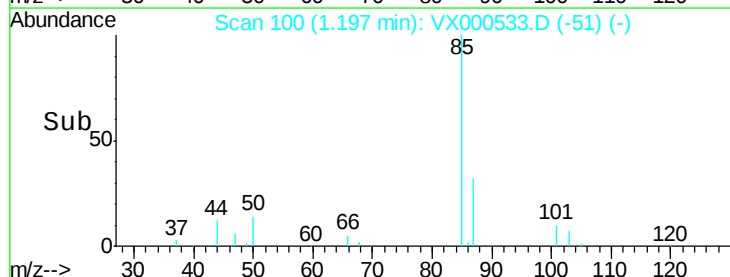
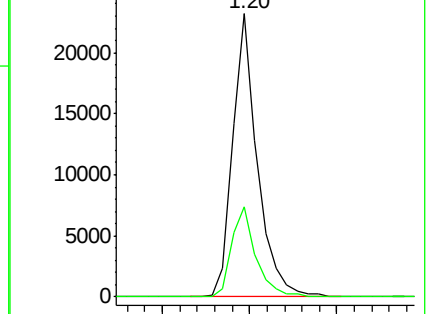
85 100

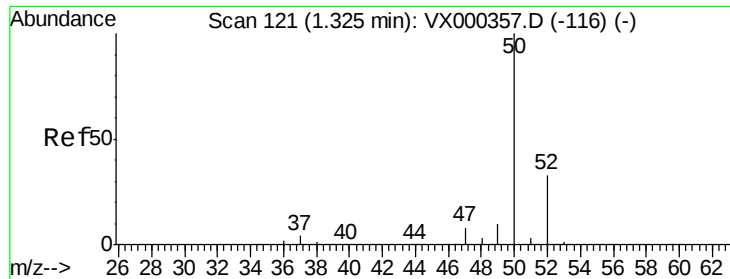
87 31.7 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.32 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

Instrument :

MSVOA_X

ClientSampled :

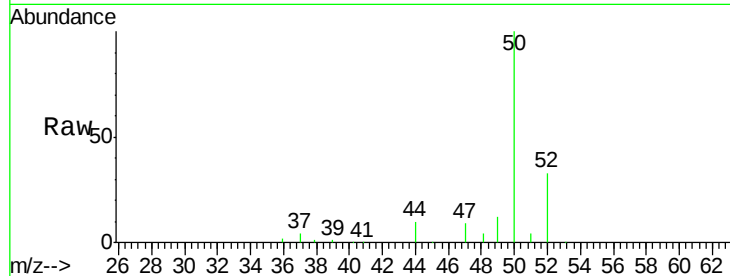
VX0329WBS02

Tgt Ion: 50 Resp: 23188

Ion Ratio Lower Upper

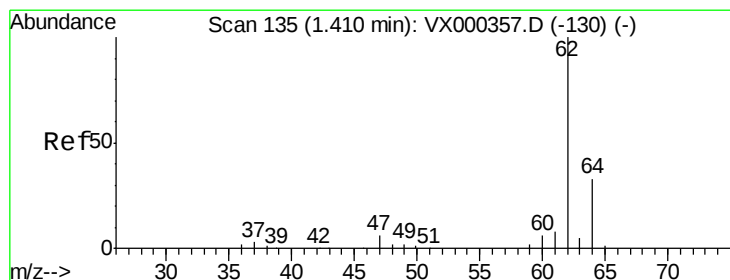
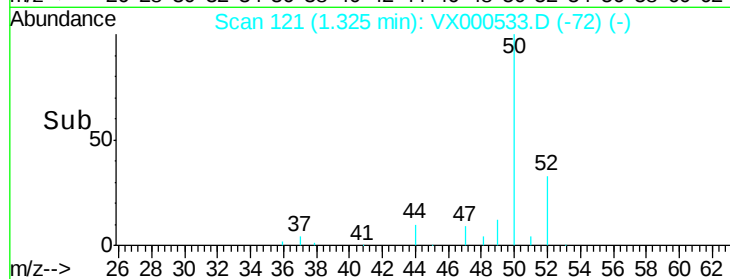
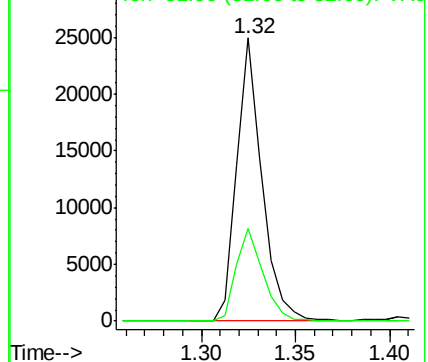
50 100

52 32.7 27.5 41.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.15 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000533.D

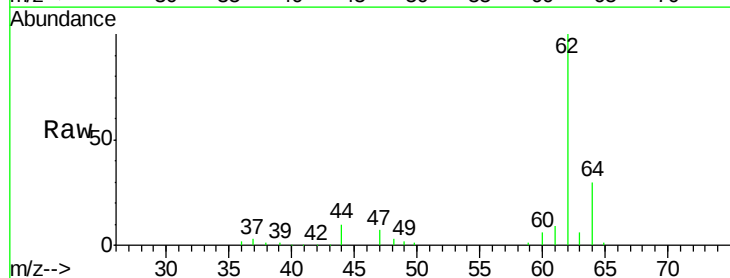
Acq: 30 Mar 2018 00:55

Tgt Ion: 62 Resp: 29919

Ion Ratio Lower Upper

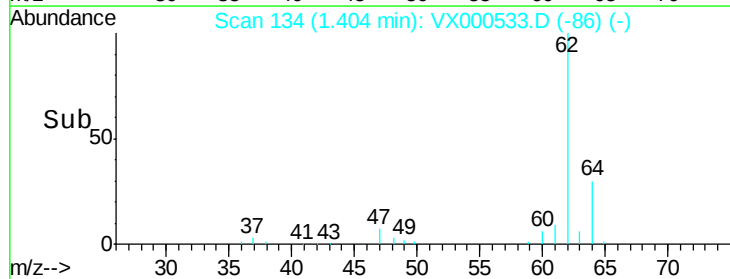
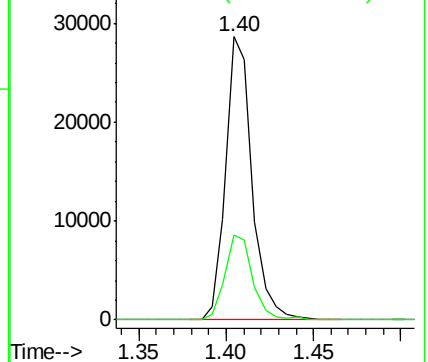
62 100

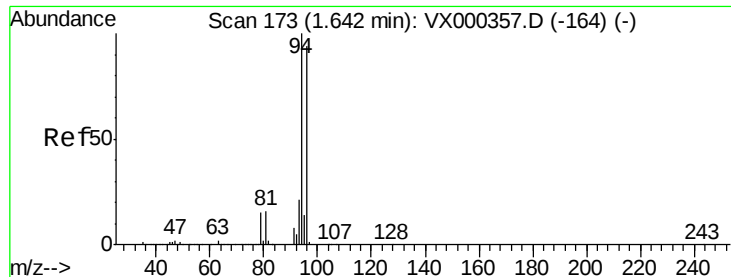
64 29.9 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.73 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

Instrument :

MSVOA_X

ClientSampleId :

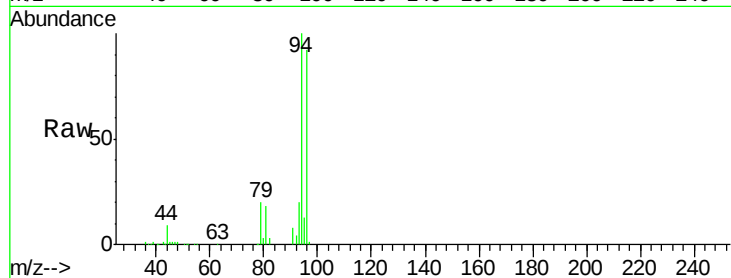
VX0329WBS02

Tgt Ion: 94 Resp: 33365

Ion Ratio Lower Upper

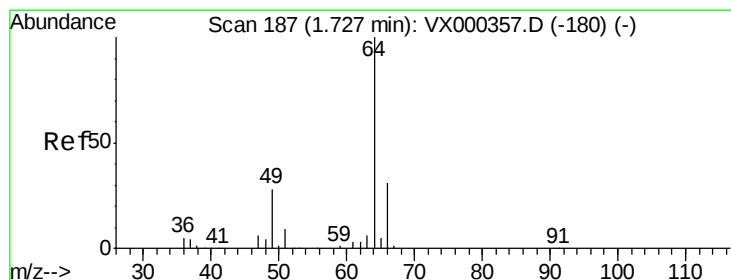
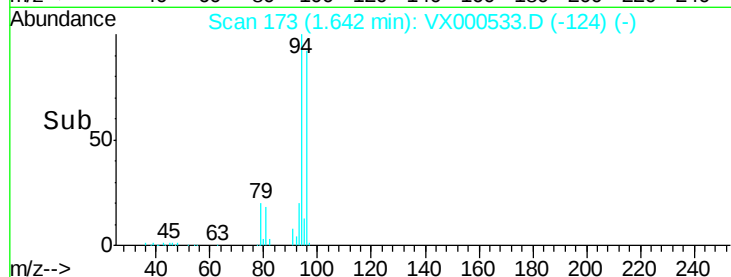
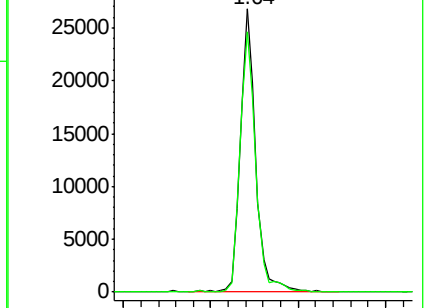
94 100

96 91.8 77.7 116.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 28.09 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000533.D

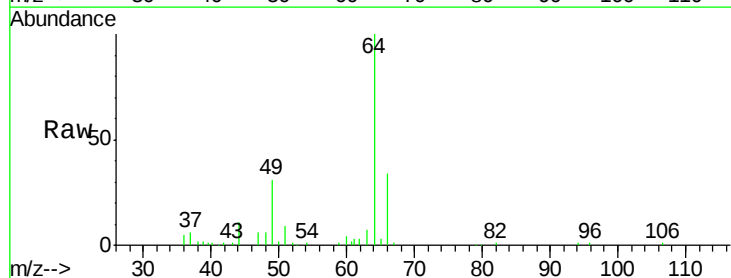
Acq: 30 Mar 2018 00:55

Tgt Ion: 64 Resp: 22493

Ion Ratio Lower Upper

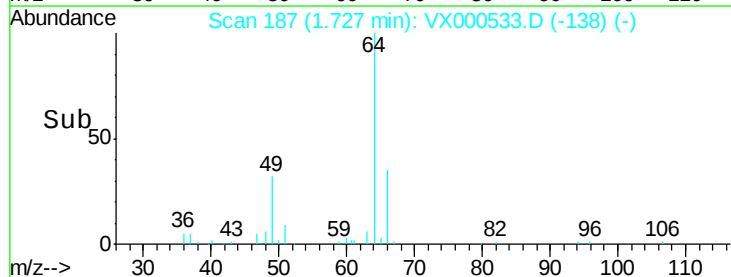
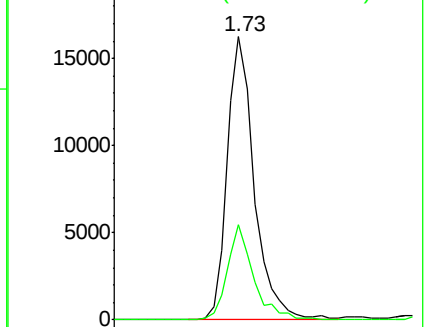
64 100

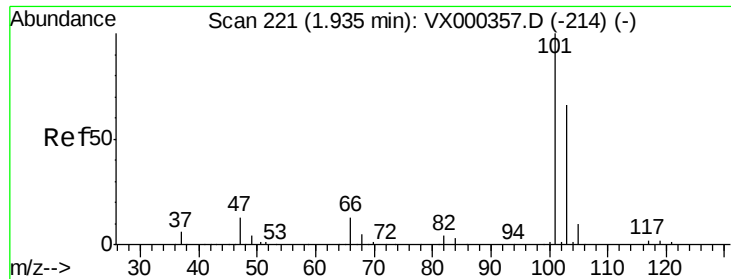
66 33.8 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



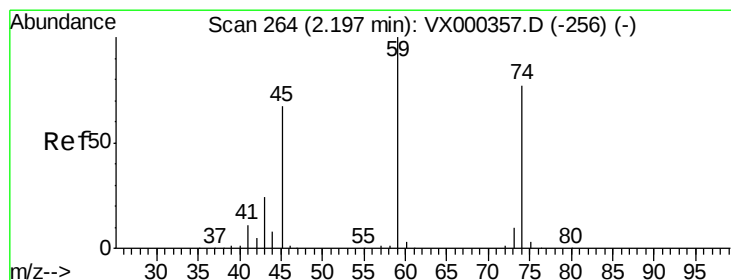
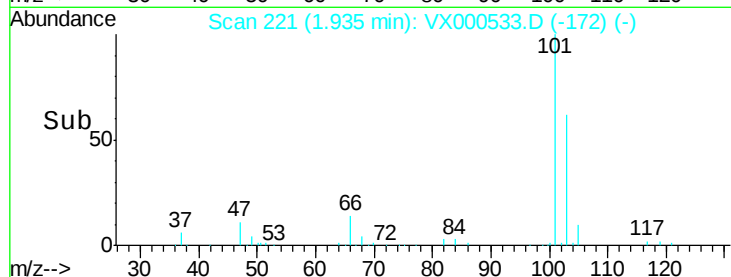
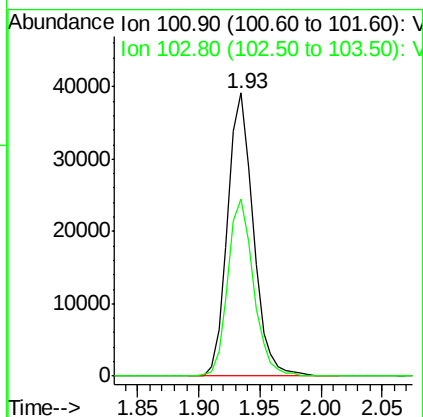
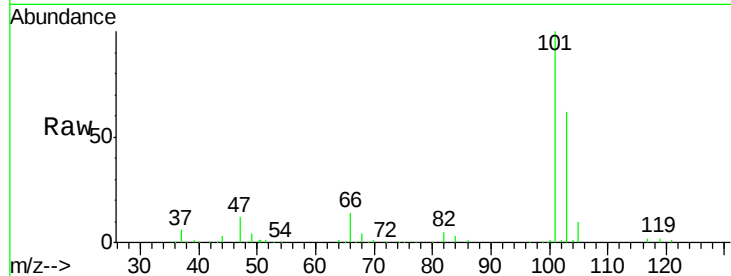


#7

Trichlorofluoromethane
 Concen: 22.28 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000533.D
 Acq: 30 Mar 2018 00:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS02

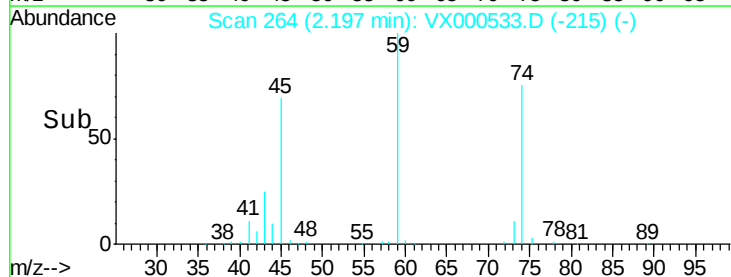
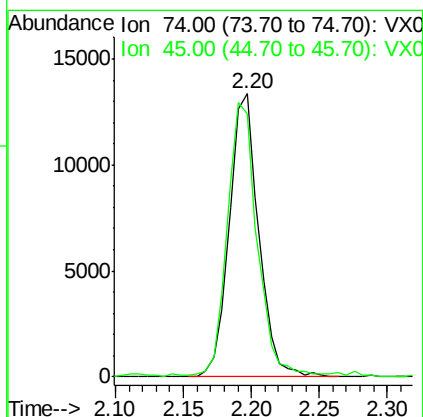
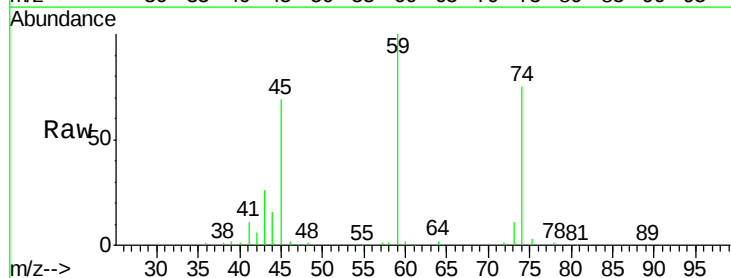
Tgt Ion:101 Resp: 56895
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.6 77.4



#8

Diethyl Ether
 Concen: 22.06 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. -0.00 min
 Lab File: VX000533.D
 Acq: 30 Mar 2018 00:55

Tgt Ion: 74 Resp: 20130
 Ion Ratio Lower Upper
 74 100
 45 99.5 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.40 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS02

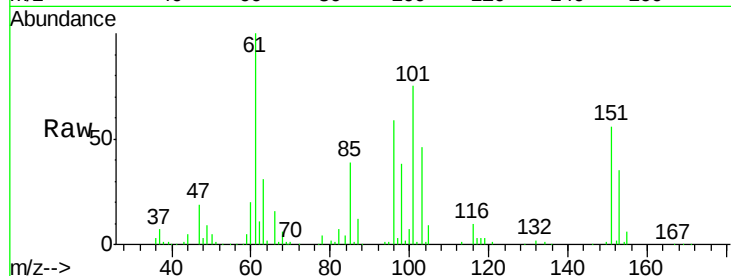
Tgt Ion:101 Resp: 30469

Ion Ratio Lower Upper

101 100

85 50.5 37.6 56.4

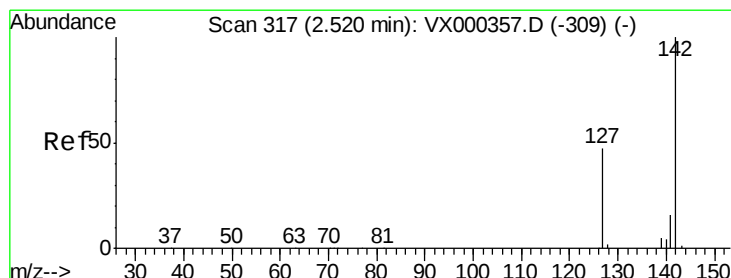
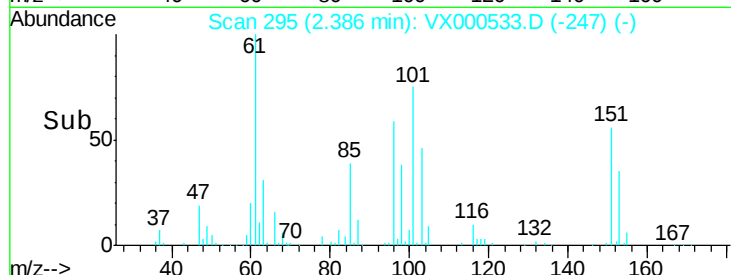
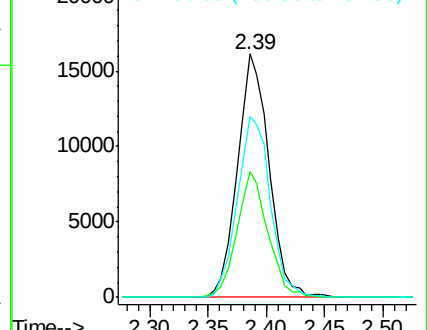
151 77.4 62.6 93.8



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: 17.13 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

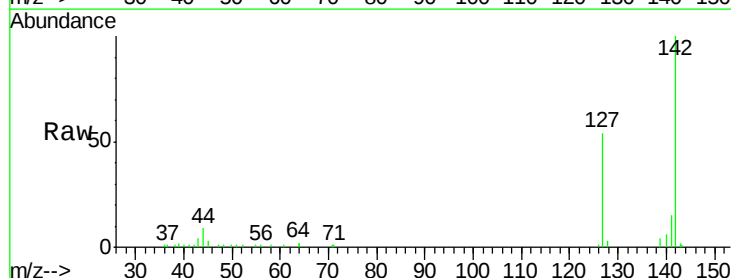
Tgt Ion:142 Resp: 19831

Ion Ratio Lower Upper

142 100

127 51.7 39.2 58.8

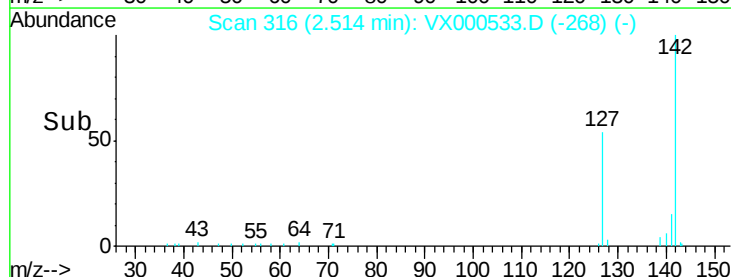
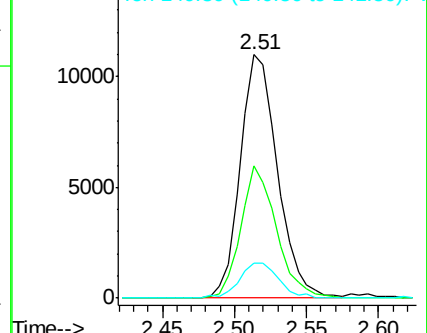
141 15.2 11.7 17.5

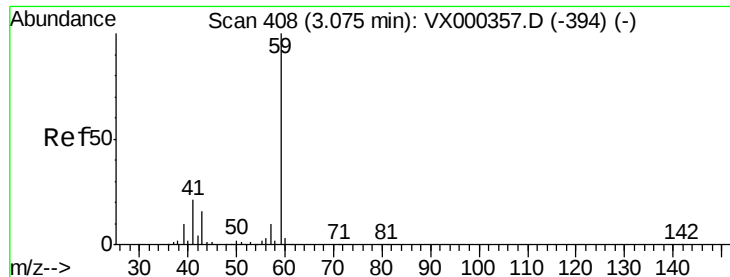


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

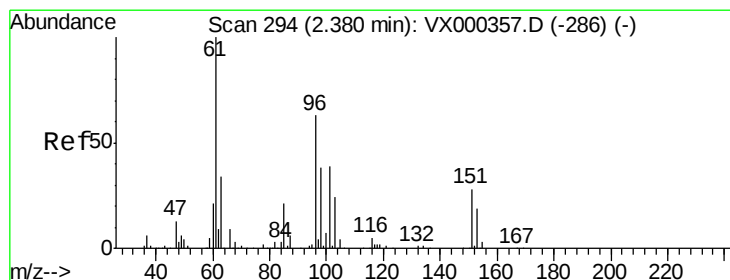
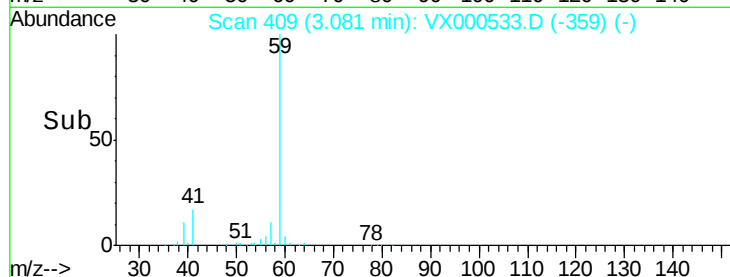
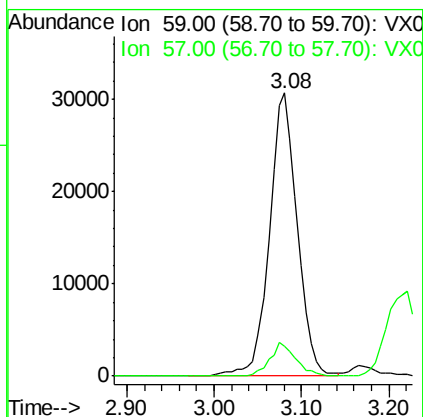
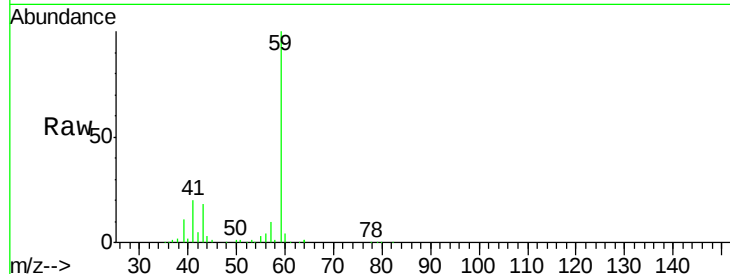




#11
Tert butyl alcohol
Concen: 131.67 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX000533.D
Acq: 30 Mar 2018 00:55

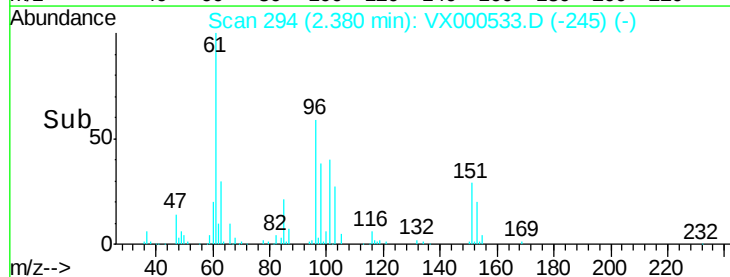
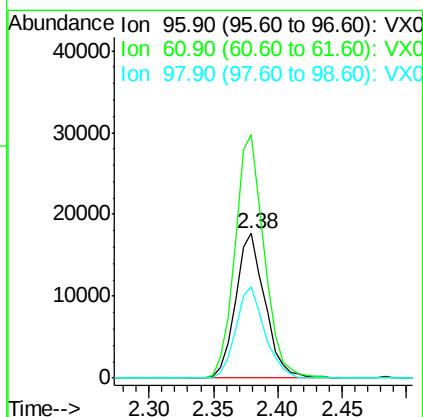
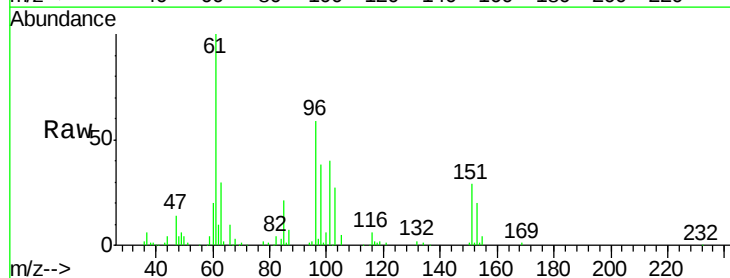
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS02

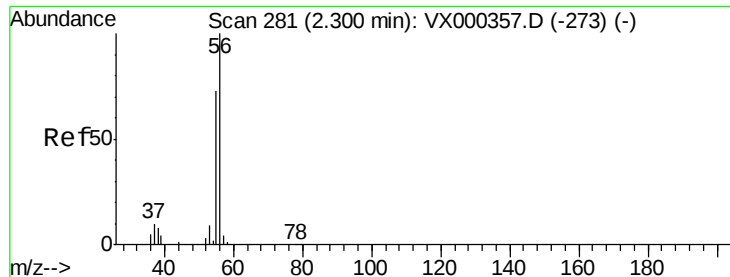
Tgt Ion: 59 Resp: 68176
Ion Ratio Lower Upper
59 100
57 11.0 8.4 12.6



#12
1,1-Dichloroethene
Concen: 22.43 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000533.D
Acq: 30 Mar 2018 00:55

Tgt Ion: 96 Resp: 28029
Ion Ratio Lower Upper
96 100
61 168.4 131.2 196.8
98 63.3 49.8 74.8





#13

Acrolein

Concen: 111.68 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

Instrument :

MSVOA_X

ClientSampleId :

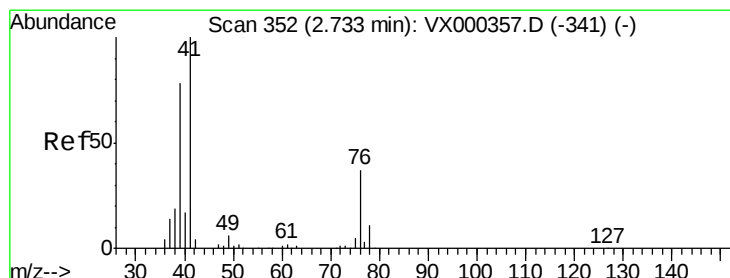
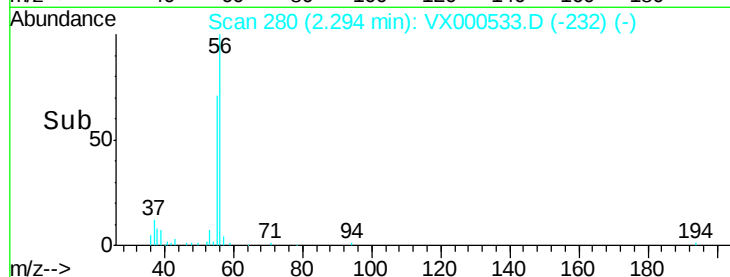
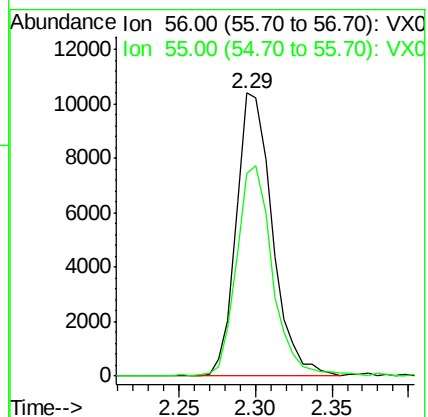
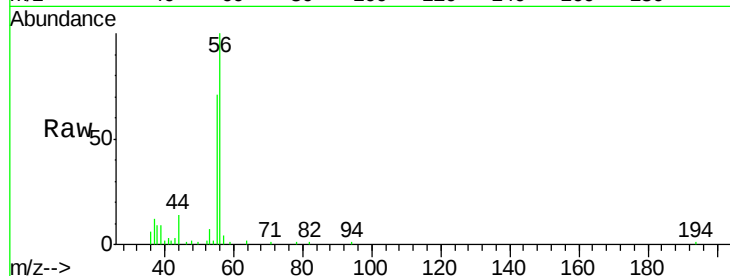
VX0329WBS02

Tgt Ion: 56 Resp: 17046

Ion Ratio Lower Upper

56 100

55 74.3 58.8 88.2



#14

Allyl chloride

Concen: 23.57 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

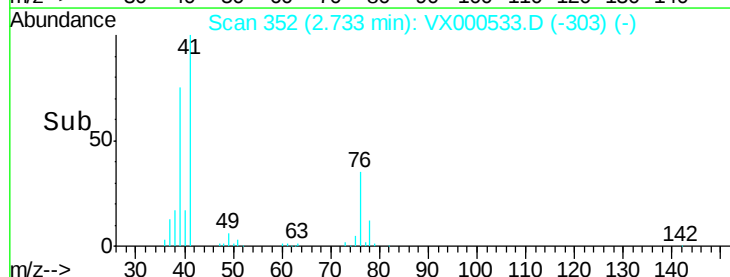
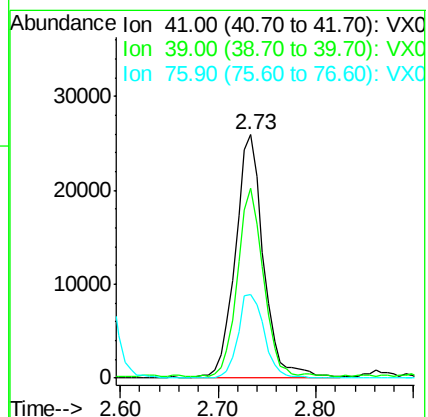
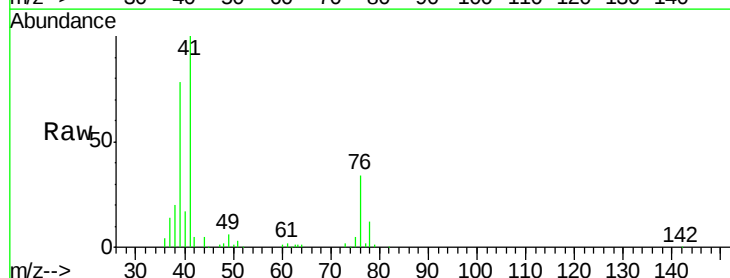
Tgt Ion: 41 Resp: 52144

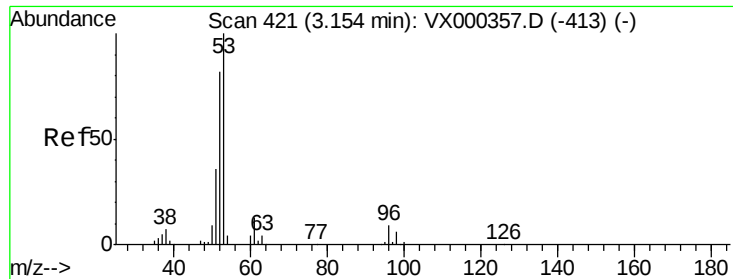
Ion Ratio Lower Upper

41 100

39 70.4 57.6 86.4

76 32.2 27.3 40.9





#15

Acrylonitrile

Concen: 118.40 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS02

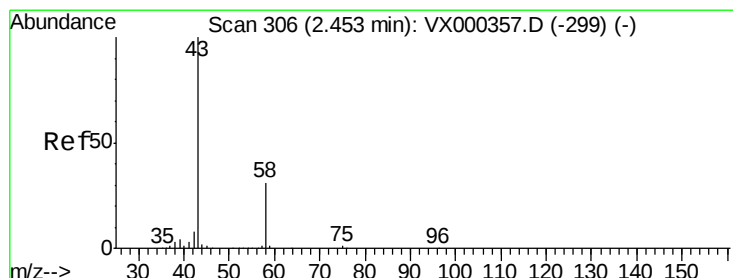
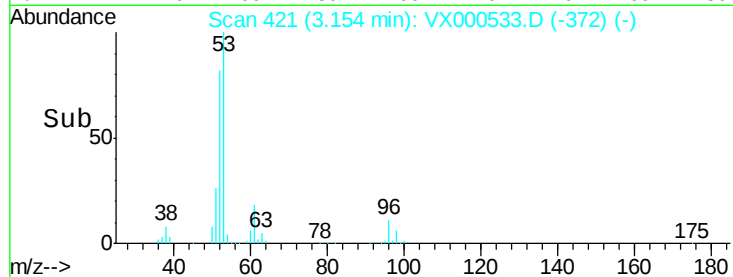
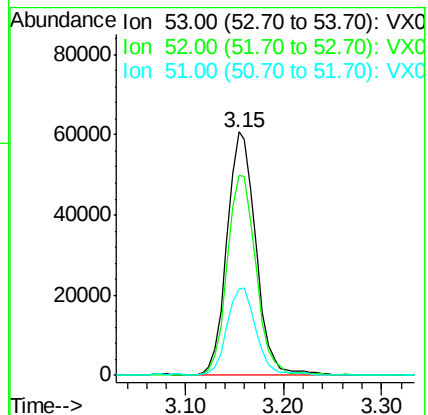
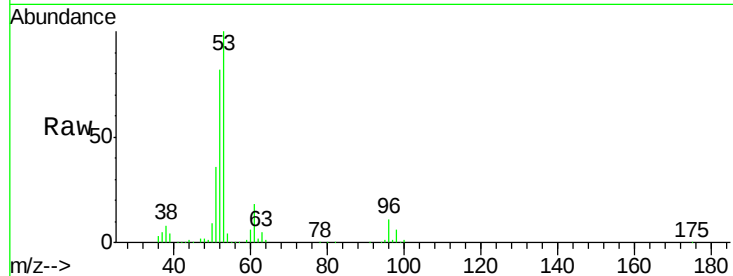
Tgt Ion: 53 Resp: 124157

Ion Ratio Lower Upper

53 100

52 82.5 66.6 99.8

51 36.8 29.3 43.9



#16

Acetone

Concen: 96.85 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000533.D

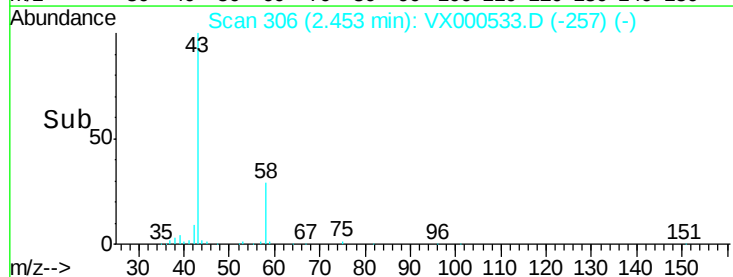
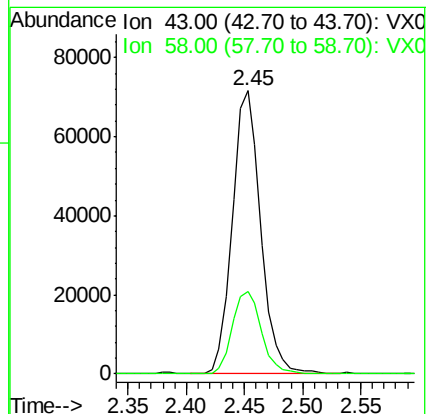
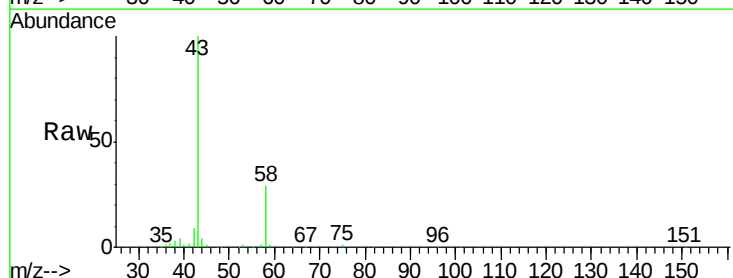
Acq: 30 Mar 2018 00:55

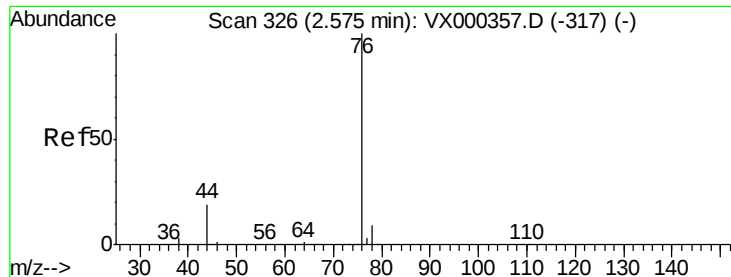
Tgt Ion: 43 Resp: 121269

Ion Ratio Lower Upper

43 100

58 29.3 24.7 37.1

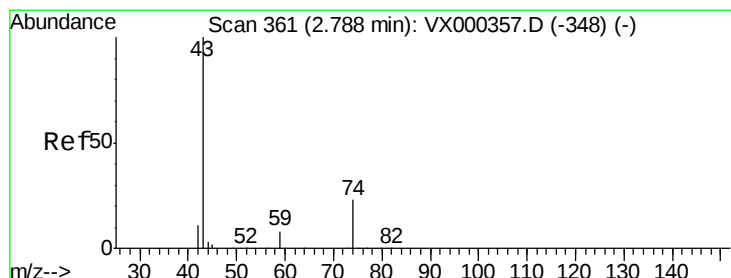
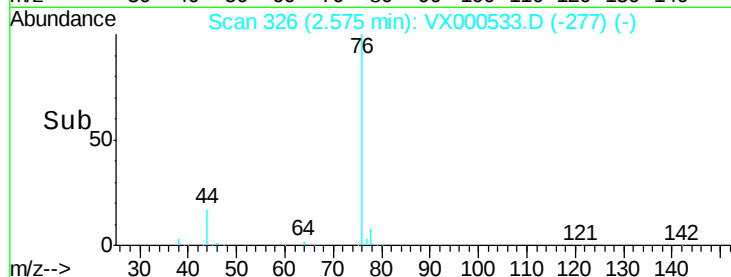
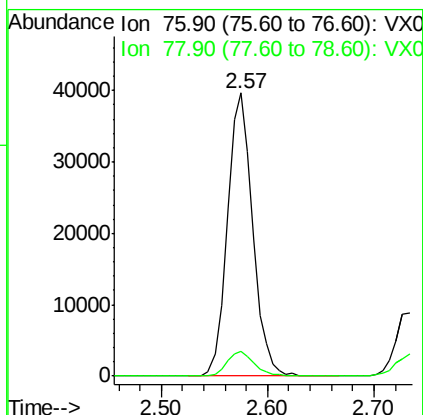
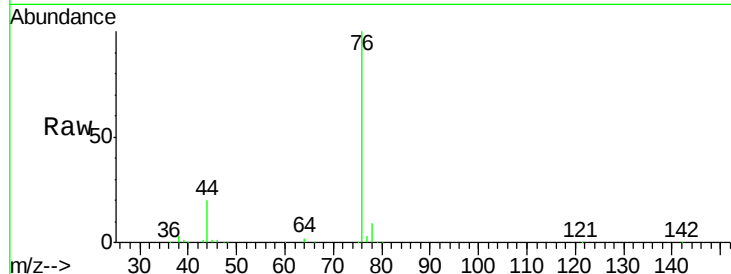




#17
 Carbon Disulfide
 Concen: 19.86 ug/l
 RT: 2.57 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VX000533.D
 Acq: 30 Mar 2018 00:55

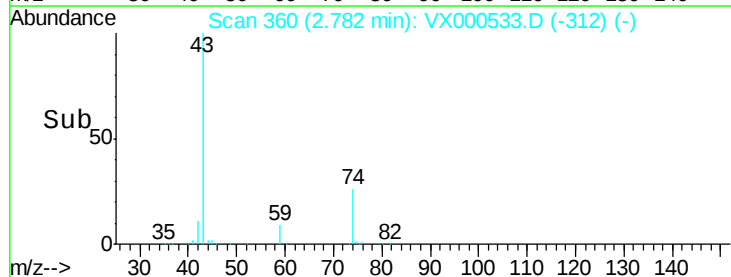
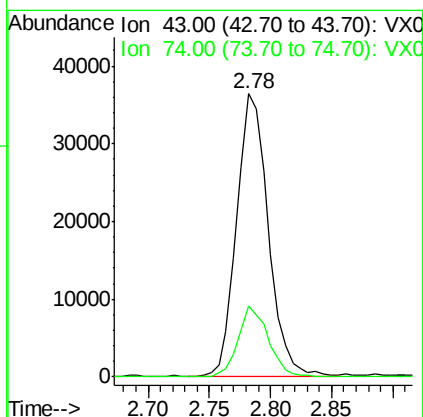
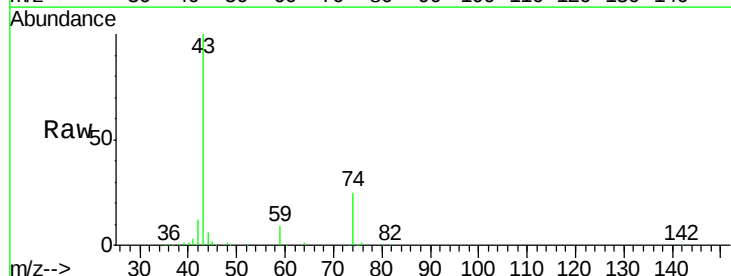
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS02

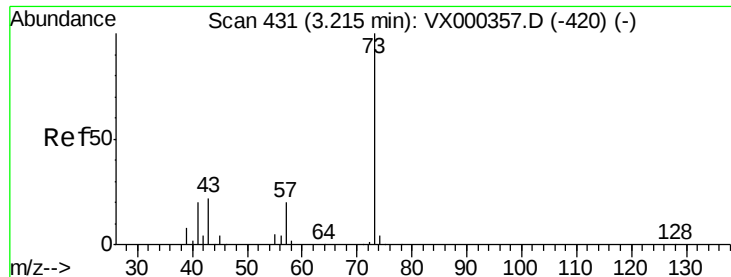
Tgt Ion: 76 Resp: 65994
 Ion Ratio Lower Upper
 76 100
 78 8.6 7.0 10.6



#18
 Methyl Acetate
 Concen: 25.09 ug/l
 RT: 2.78 min Scan# 360
 Delta R.T. -0.01 min
 Lab File: VX000533.D
 Acq: 30 Mar 2018 00:55

Tgt Ion: 43 Resp: 65863
 Ion Ratio Lower Upper
 43 100
 74 24.0 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 23.08 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

Instrument :

MSVOA_X

ClientSampleId :

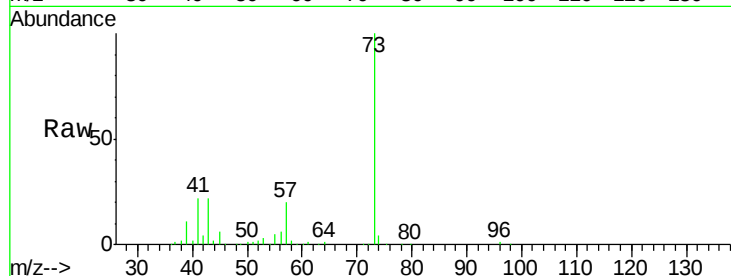
VX0329WBS02

Tgt Ion: 73 Resp: 106692

Ion Ratio Lower Upper

73 100

57 19.7 17.2 25.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

40000

30000

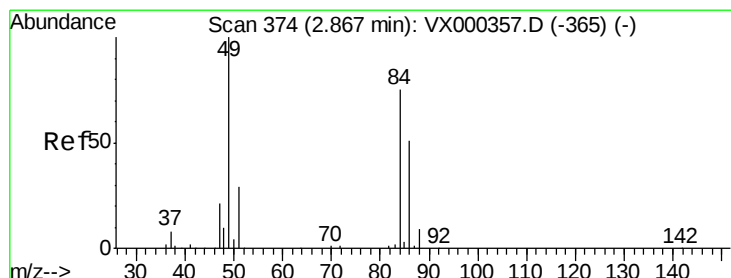
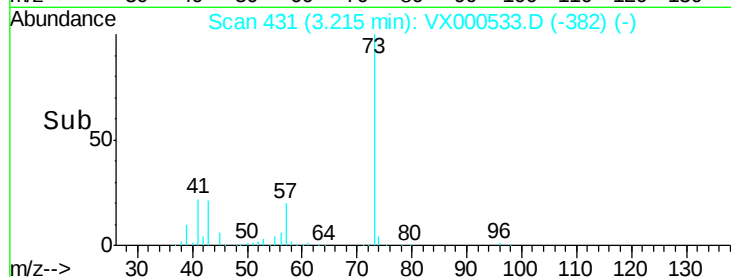
20000

10000

0

Time-->

3.10 3.20 3.30



#20

Methylene Chloride

Concen: 21.52 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.01 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

Tgt Ion: 84 Resp: 31123

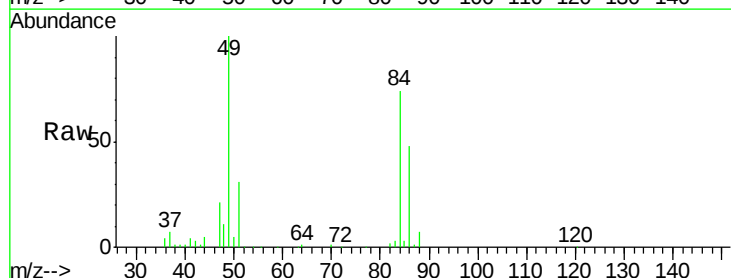
Ion Ratio Lower Upper

84 100

49 135.7 100.6 151.0

51 41.5 31.6 47.4

86 64.5 52.6 78.8



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

30000

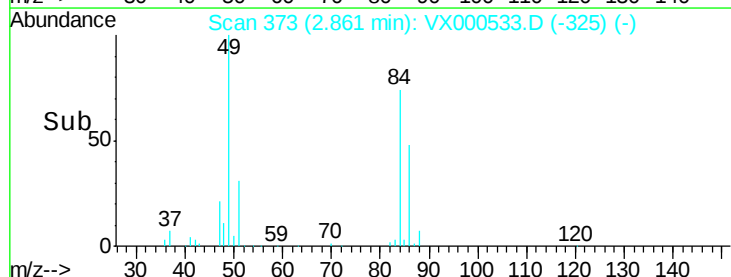
20000

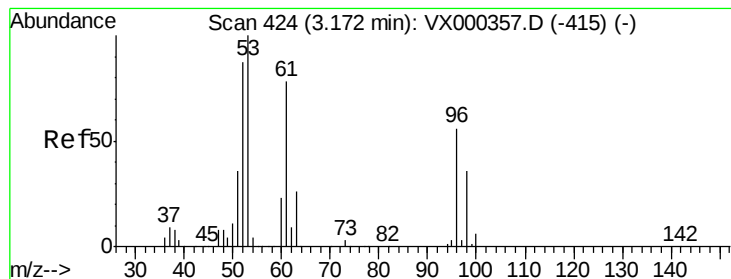
10000

0

Time-->

2.75 2.80 2.85 2.90 2.95





#21

trans-1,2-Dichloroethene

Concen: 21.24 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

Instrument :

MSVOA_X

ClientSampled :

VX0329WBS02

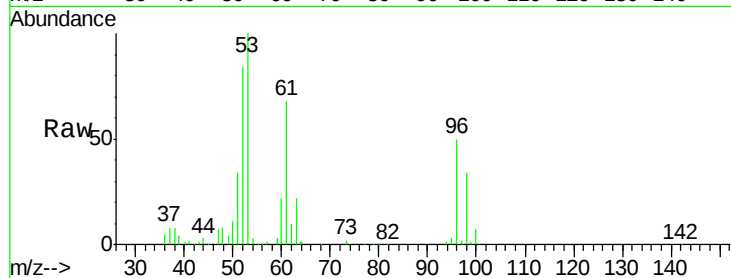
Tgt Ion: 96 Resp: 29617

Ion Ratio Lower Upper

96 100

61 135.3 104.0 156.0

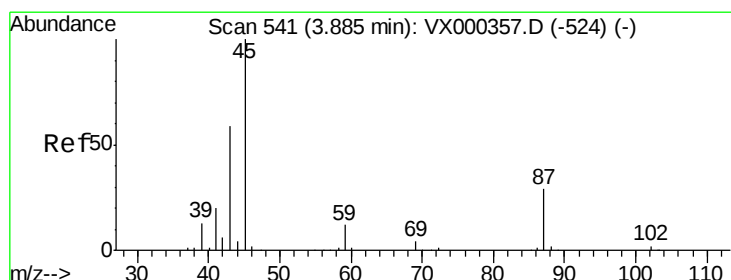
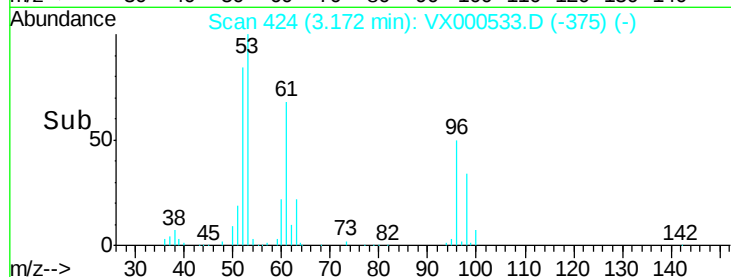
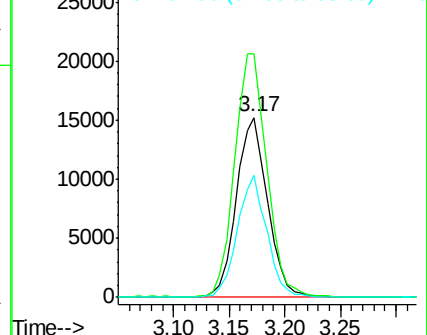
98 67.6 52.1 78.1



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: 18.23 ug/l

RT: 3.89 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

Tgt Ion: 45 Resp: 71211

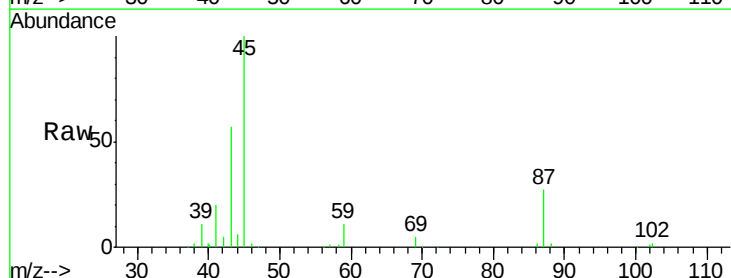
Ion Ratio Lower Upper

45 100

43 56.2 53.9 80.9

87 27.4 22.6 34.0

59 10.8 9.5 14.3

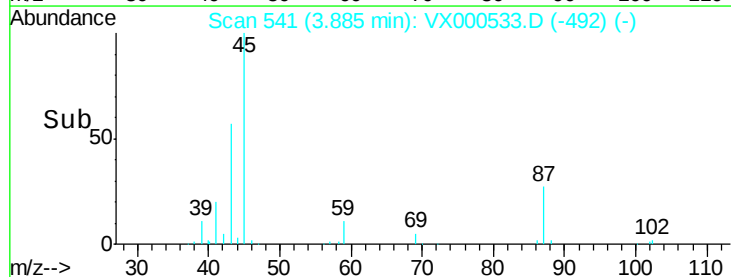
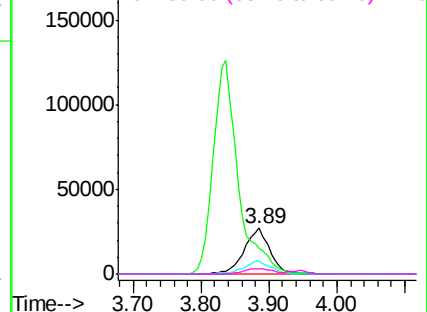


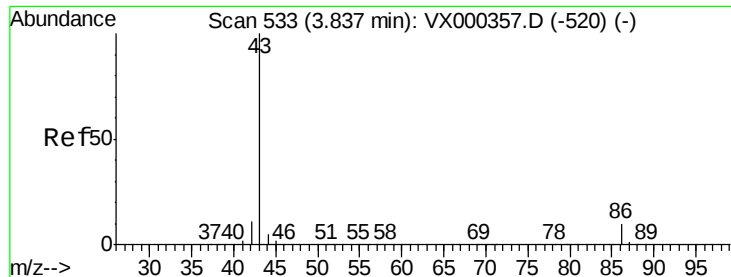
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 87.07 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

Instrument :

MSVOA_X

ClientSampleId :

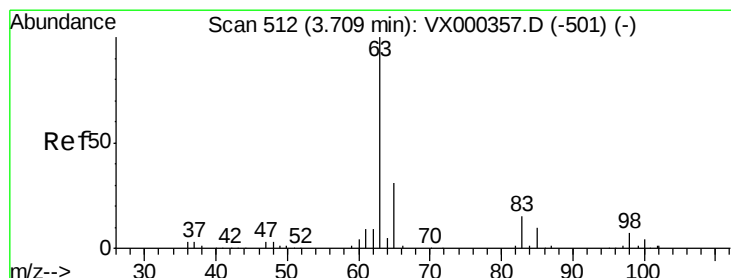
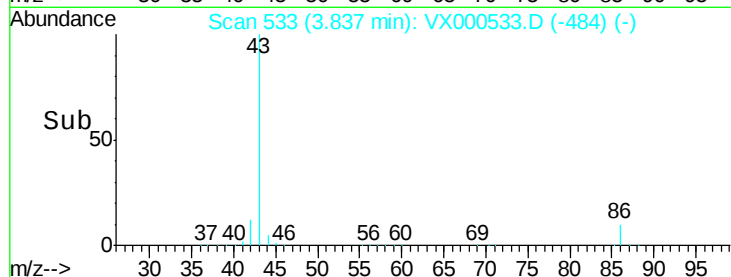
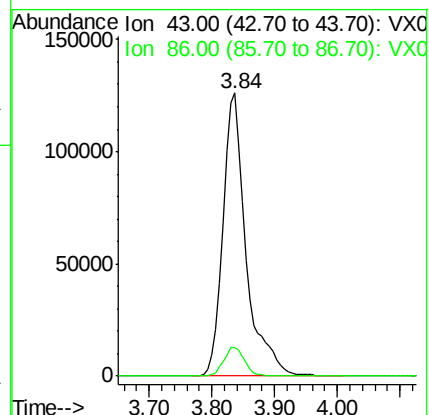
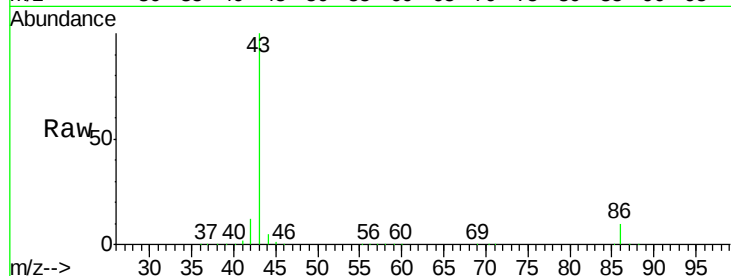
VX0329WBS02

Tgt Ion: 43 Resp: 322504

Ion Ratio Lower Upper

43 100

86 10.2 8.6 12.8



#24

1,1-Dichloroethane

Concen: 17.48 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

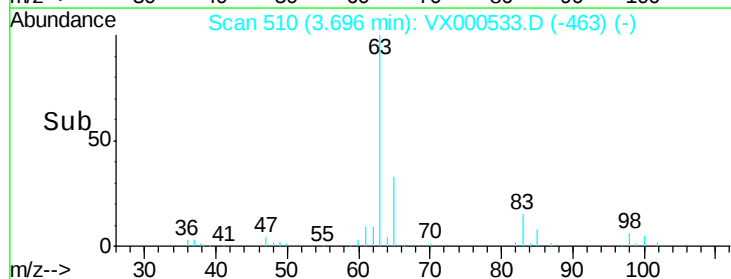
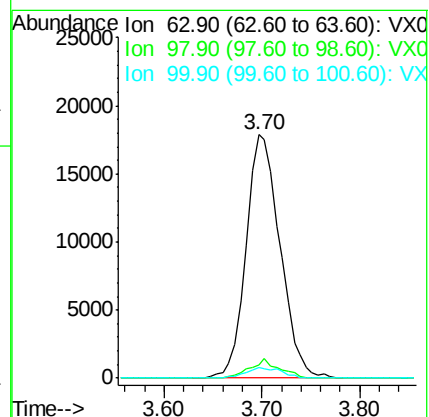
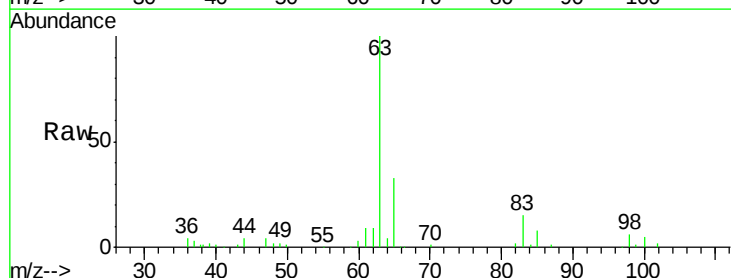
Tgt Ion: 63 Resp: 42937

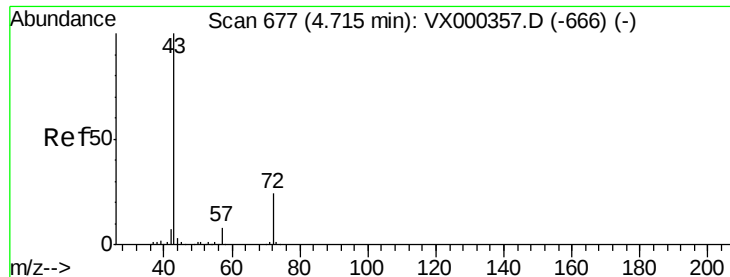
Ion Ratio Lower Upper

63 100

98 5.6 3.3 9.9

100 4.5 2.0 5.8





#25

2-Butanone

Concen: 101.74 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

Instrument :

MSVOA_X

ClientSampleId :

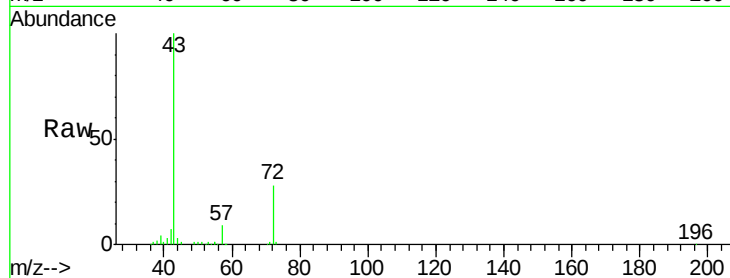
VX0329WBS02

Tgt Ion: 43 Resp: 143194

Ion Ratio Lower Upper

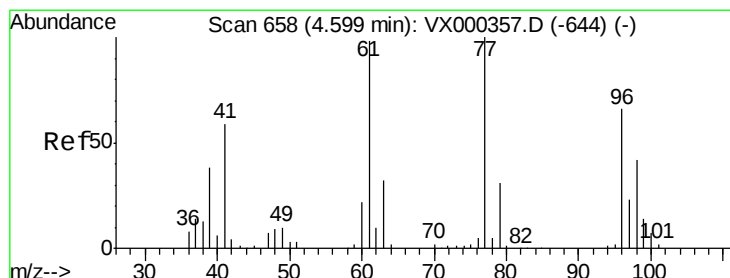
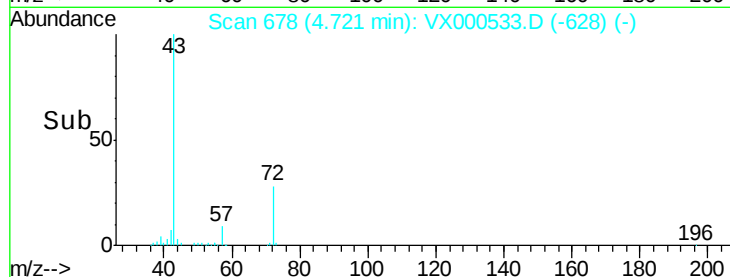
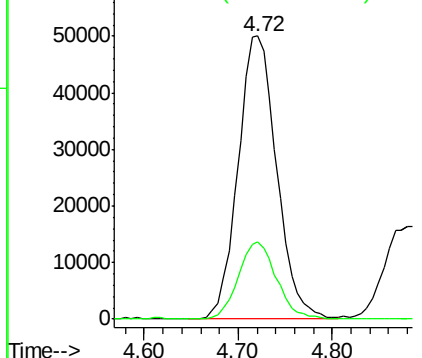
43 100

72 27.5 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 15.96 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000533.D

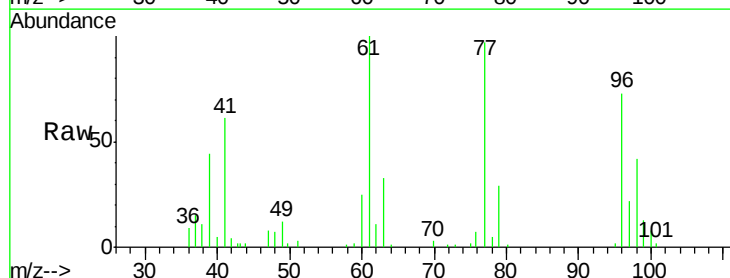
Acq: 30 Mar 2018 00:55

Tgt Ion: 77 Resp: 27486

Ion Ratio Lower Upper

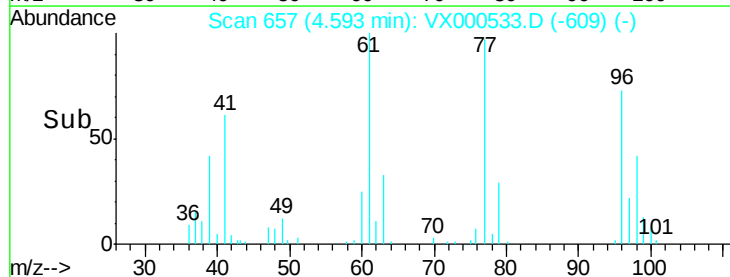
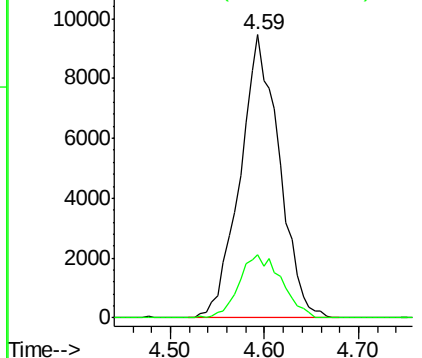
77 100

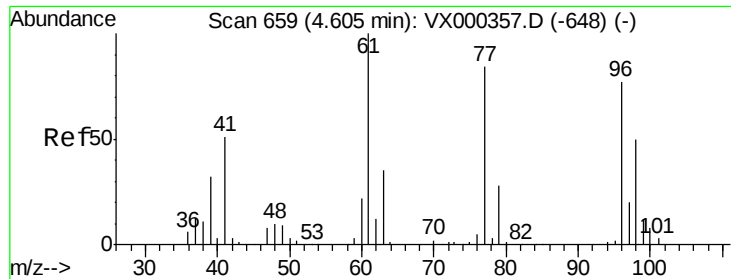
97 24.2 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

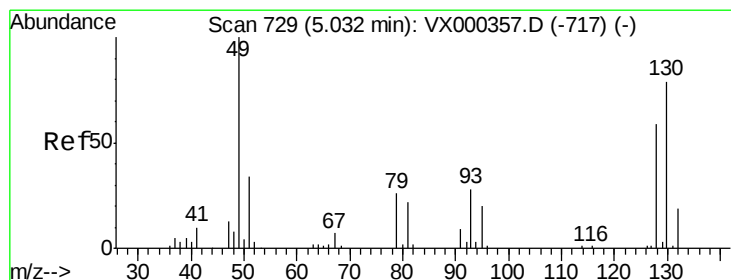
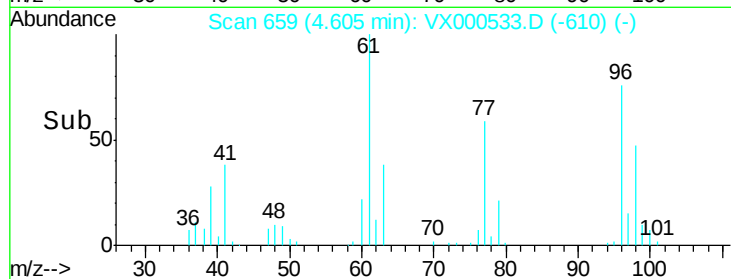
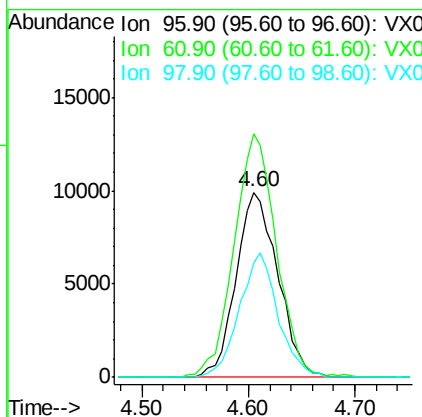
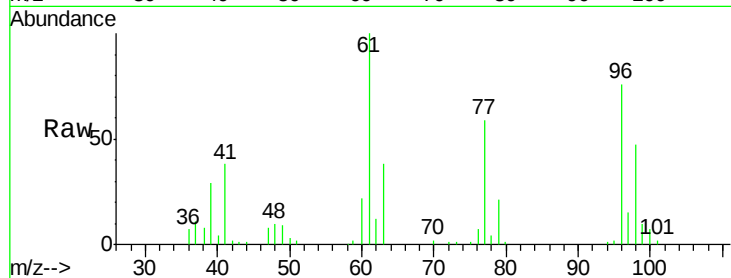




#27
 cis-1,2-Dichloroethene
 Concen: 20.91 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX000533.D
 Acq: 30 Mar 2018 00:55

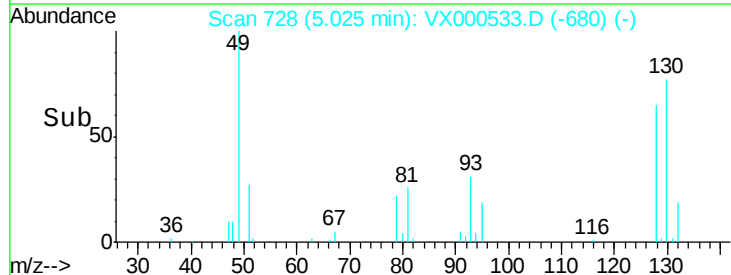
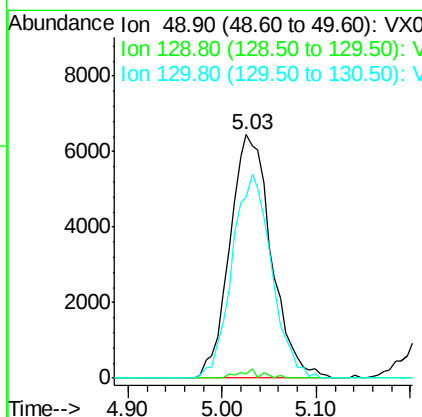
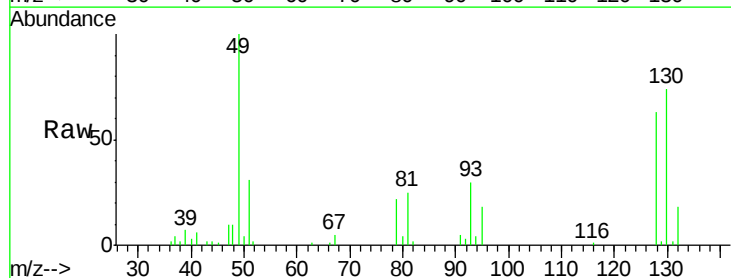
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS02

Tgt Ion: 96 Resp: 27247
 Ion Ratio Lower Upper
 96 100
 61 134.1 0.0 291.6
 98 62.6 0.0 132.0



#28
 Bromochloromethane
 Concen: 19.54 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: VX000533.D
 Acq: 30 Mar 2018 00:55

Tgt Ion: 49 Resp: 19790
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 5.0
 130 79.8 64.0 96.0





#29

Tetrahydrofuran

Concen: 107.97 ug/l

RT: 5.18 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS02

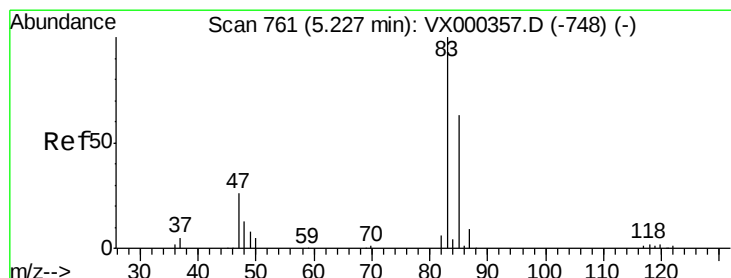
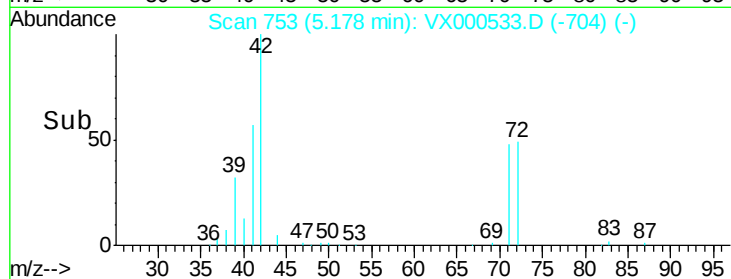
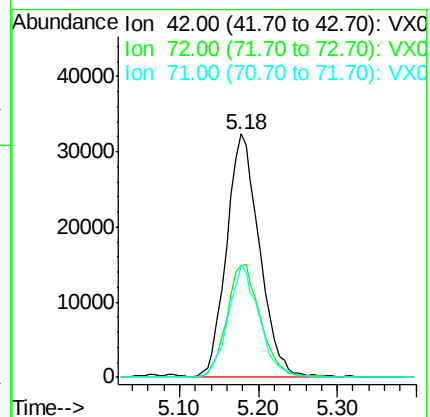
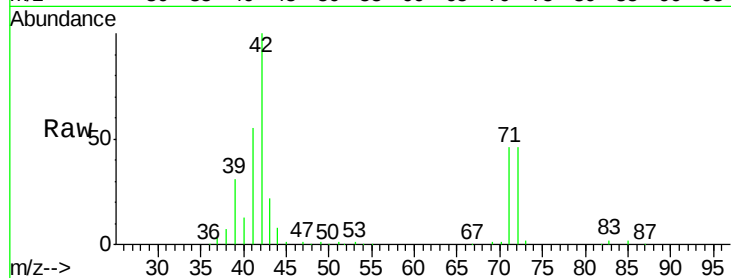
Tgt Ion: 42 Resp: 93493

Ion Ratio Lower Upper

42 100

72 47.6 37.9 56.9

71 43.7 34.4 51.6



#30

Chloroform

Concen: 21.33 ug/l

RT: 5.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX000533.D

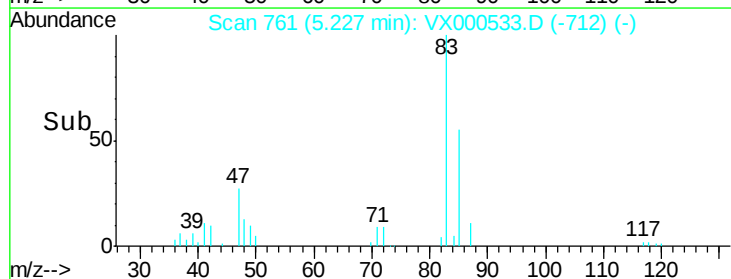
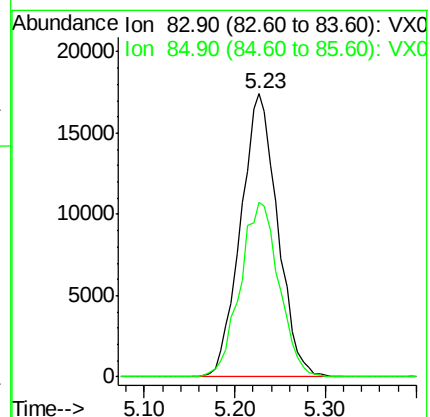
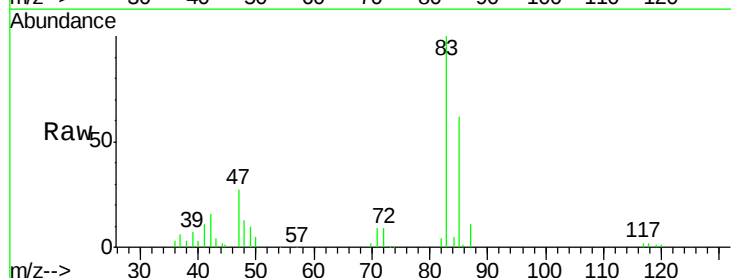
Acq: 30 Mar 2018 00:55

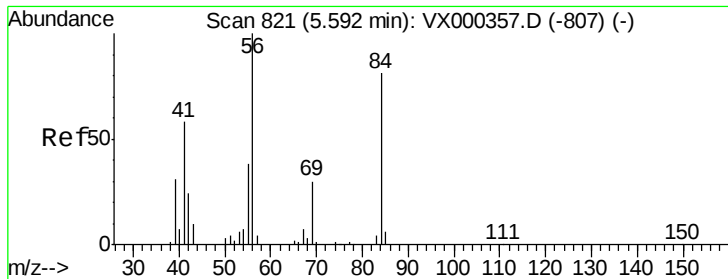
Tgt Ion: 83 Resp: 49098

Ion Ratio Lower Upper

83 100

85 61.7 53.3 79.9

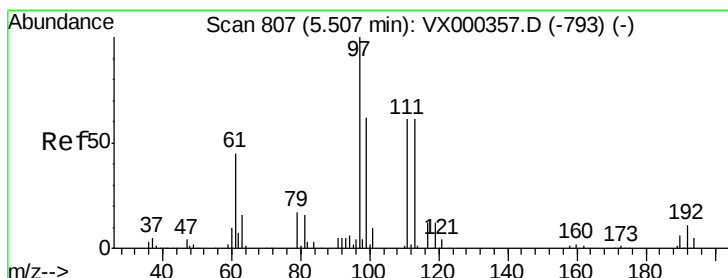
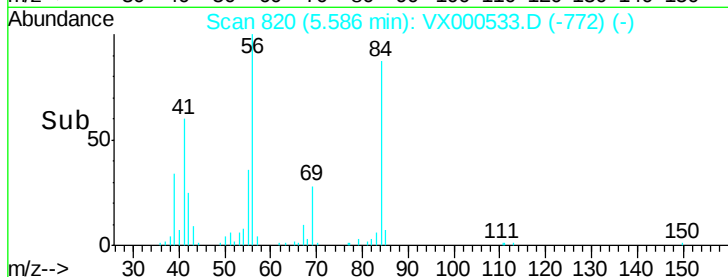
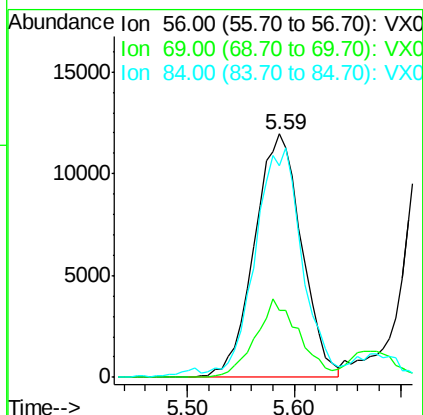
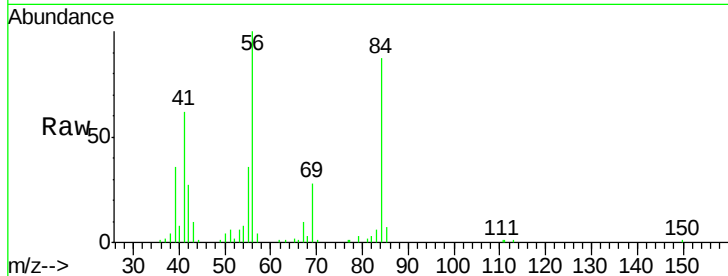




#31
Cyclohexane
Concen: 19.46 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.01 min
Lab File: VX000533.D
Acq: 30 Mar 2018 00:55

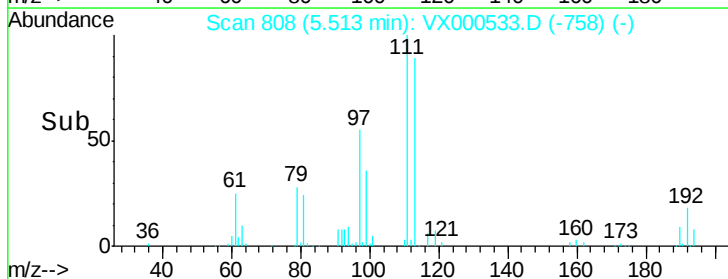
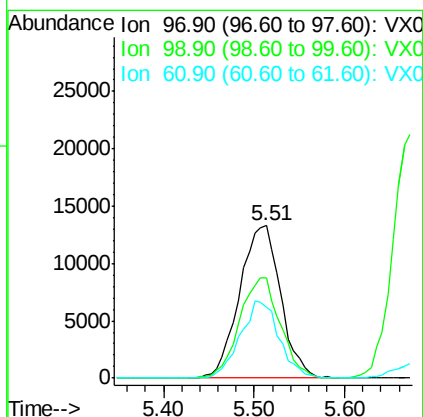
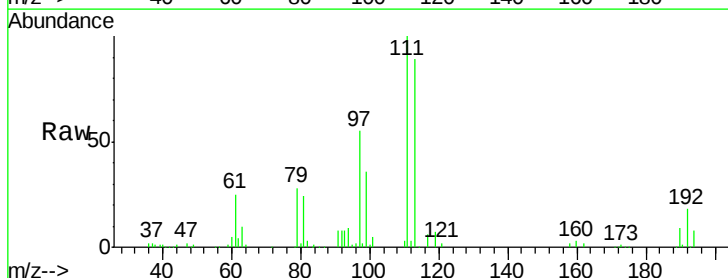
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS02

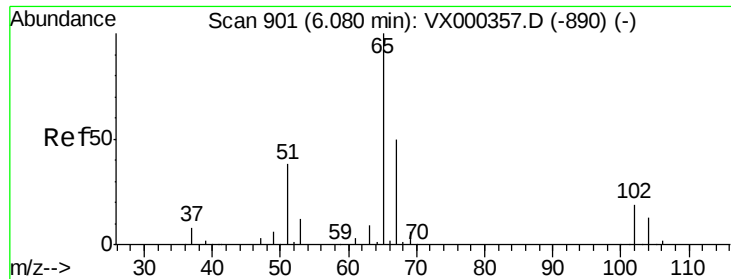
Tgt Ion: 56 Resp: 36950
Ion Ratio Lower Upper
56 100
69 27.7 23.4 35.0
84 84.2 71.0 106.4



#32
1,1,1-Trichloroethane
Concen: 20.05 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX000533.D
Acq: 30 Mar 2018 00:55

Tgt Ion: 97 Resp: 41638
Ion Ratio Lower Upper
97 100
99 65.2 52.1 78.1
61 47.8 36.2 54.4

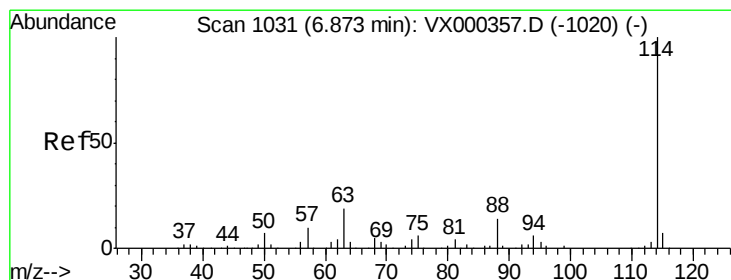
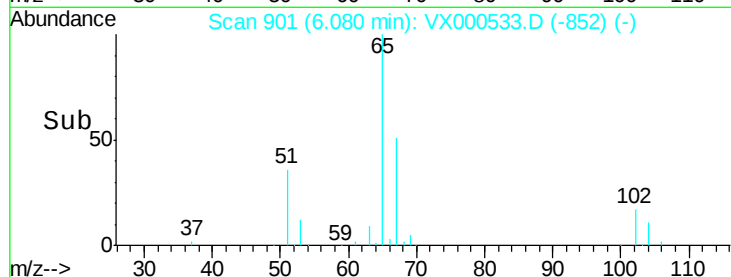
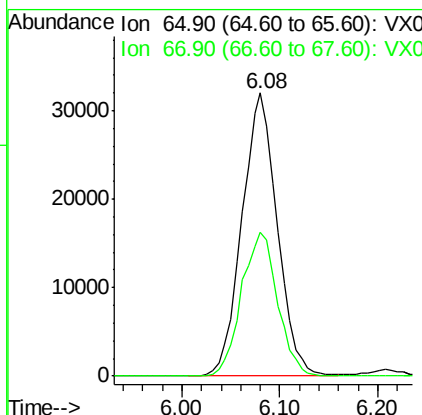
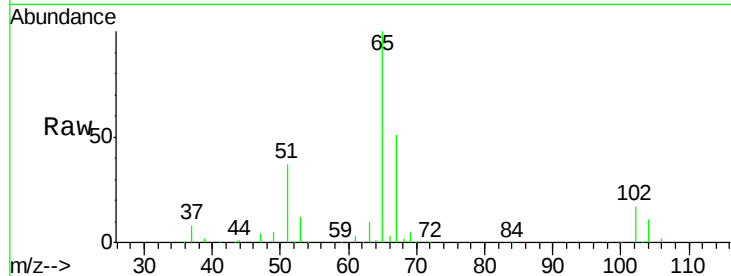




#33
 1,2-Dichloroethane-d4
 Concen: 53.37 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000533.D
 Acq: 30 Mar 2018 00:55

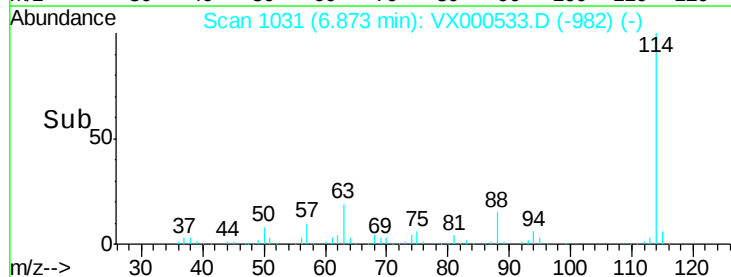
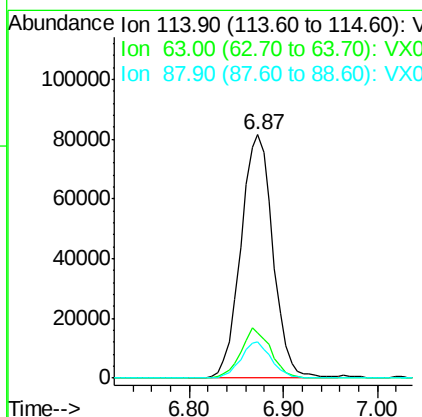
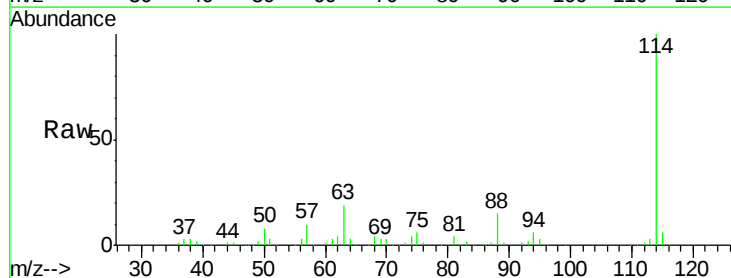
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS02

Tgt Ion: 65 Resp: 80341
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000533.D
 Acq: 30 Mar 2018 00:55

Tgt Ion: 114 Resp: 194427
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.4
 88 14.7 0.0 27.0





#35

Dibromofluoromethane

Concen: 51.45 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS02

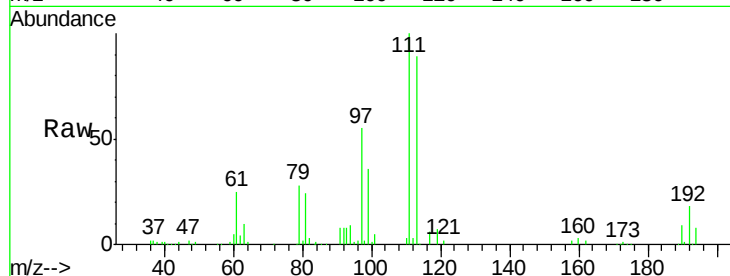
Tgt Ion:113 Resp: 63031

Ion Ratio Lower Upper

113 100

111 100.5 82.4 123.6

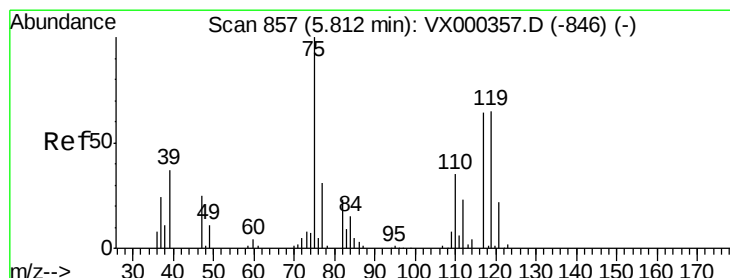
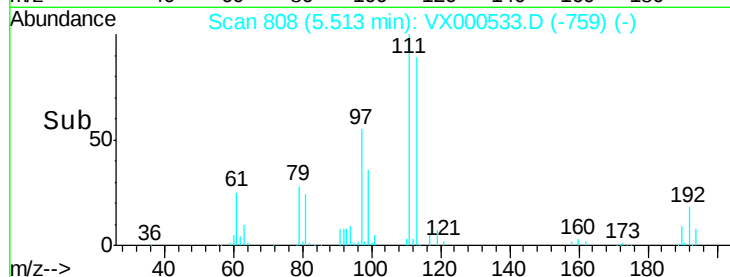
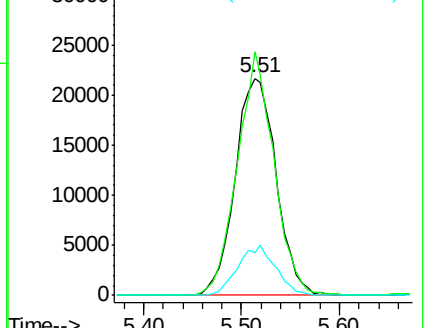
192 21.2 15.8 23.6



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: 19.47 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

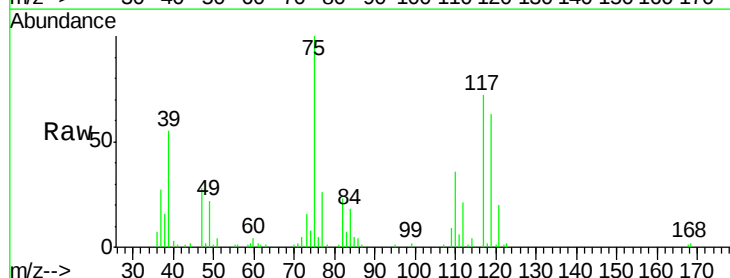
Tgt Ion: 75 Resp: 35467

Ion Ratio Lower Upper

75 100

110 35.8 17.9 53.7

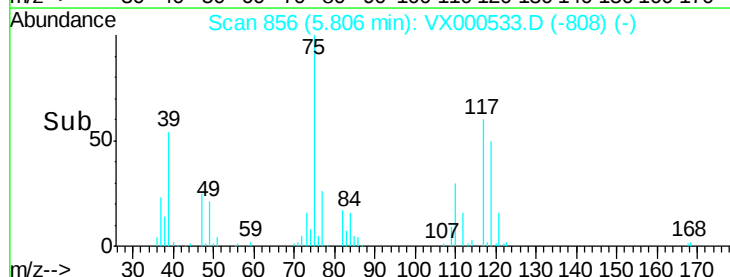
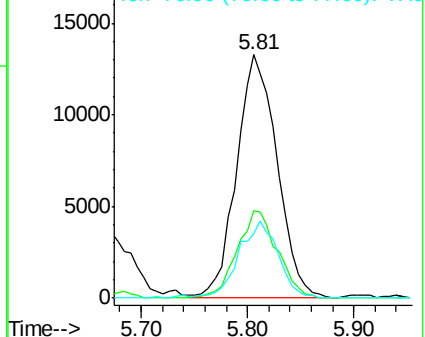
77 30.4 24.0 36.0

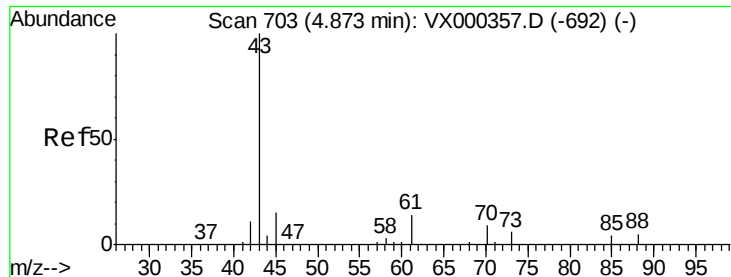


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

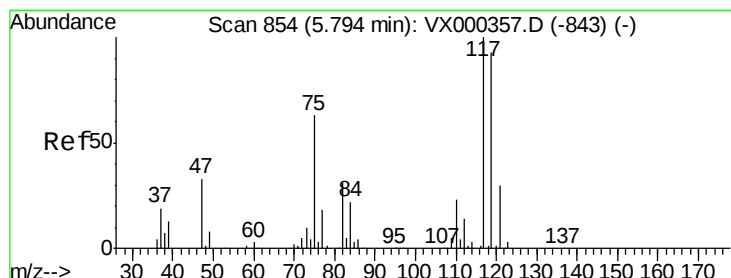
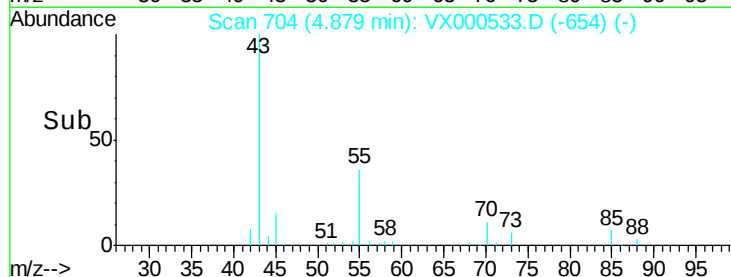
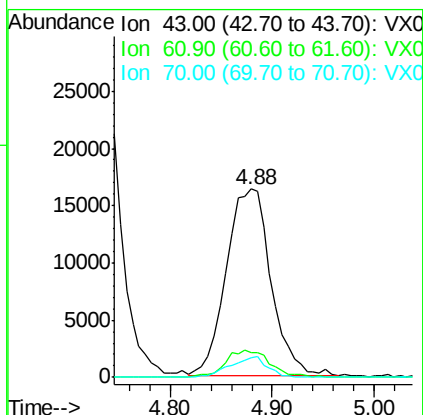
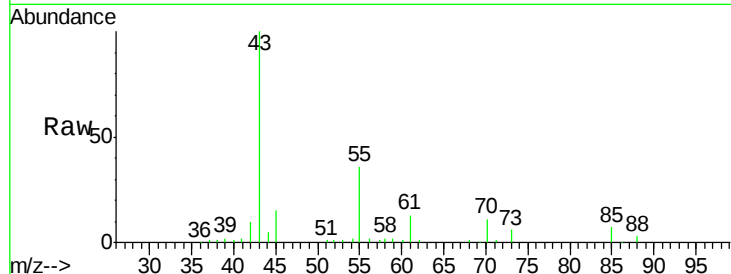




#37
Ethyl Acetate
Concen: 20.01 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000533.D
Acq: 30 Mar 2018 00:55

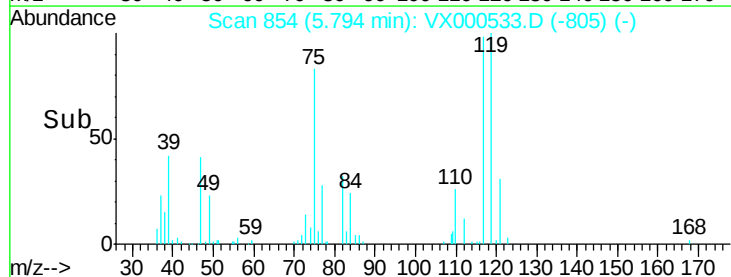
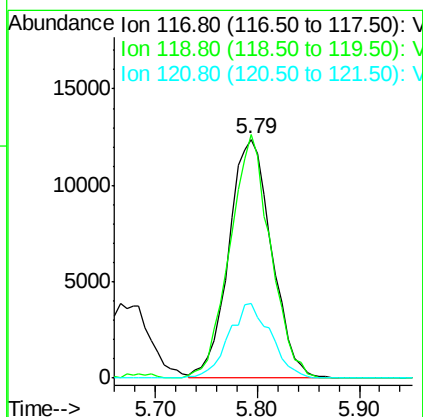
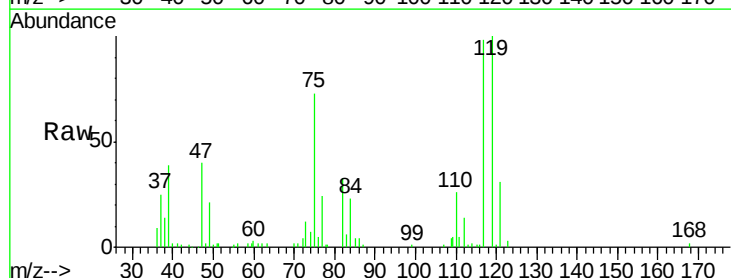
Instrument :
MSVOA_X
ClientSampled :
VX0329WBS02

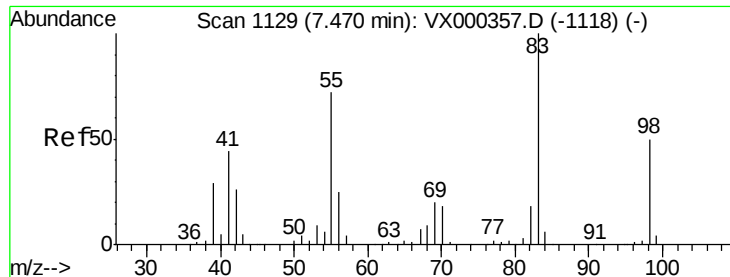
Tgt Ion: 43 Resp: 49781
Ion Ratio Lower Upper
43 100
61 14.4 11.1 16.7
70 9.2 7.7 11.5



#38
Carbon Tetrachloride
Concen: 18.86 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000533.D
Acq: 30 Mar 2018 00:55

Tgt Ion: 117 Resp: 36038
Ion Ratio Lower Upper
117 100
119 101.9 77.4 116.2
121 31.5 24.8 37.2

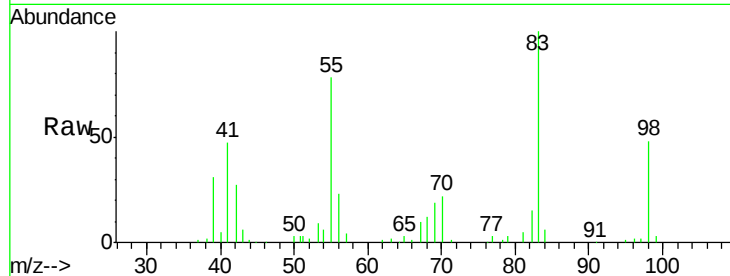




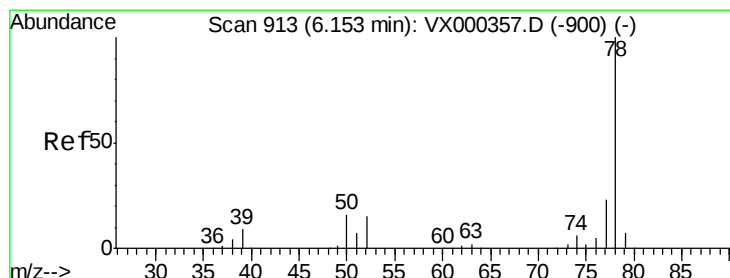
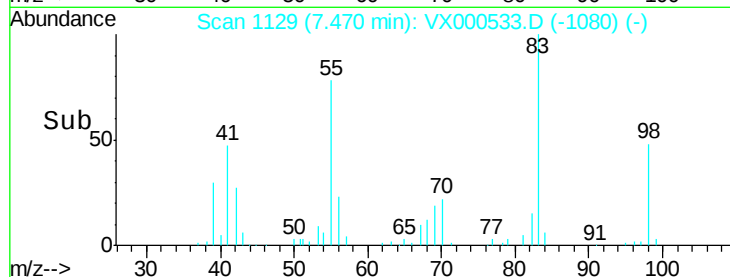
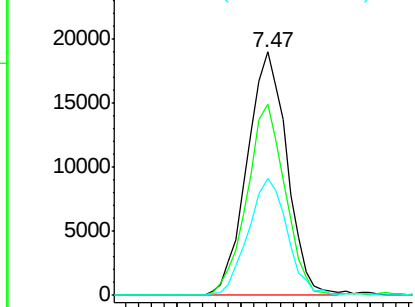
#39
Methylcyclohexane
Concen: 18.38 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000533.D
Acq: 30 Mar 2018 00:55

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS02

Tgt Ion: 83 Resp: 40706
Ion Ratio Lower Upper
83 100
55 78.4 55.5 83.3
98 47.9 38.2 57.4

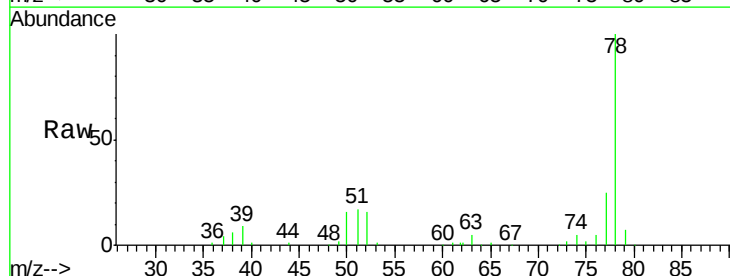


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

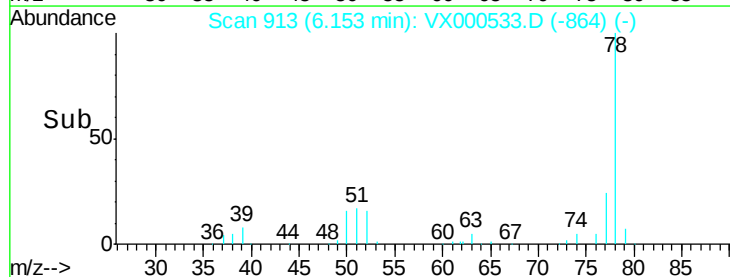
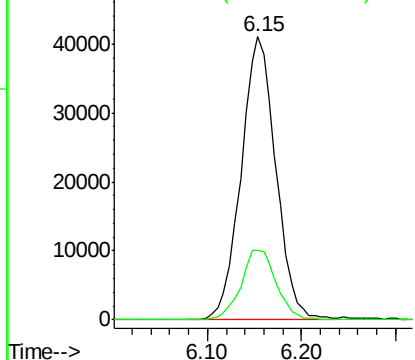


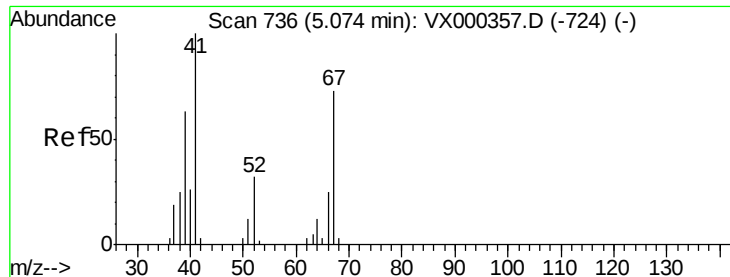
#40
Benzene
Concen: 20.01 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000533.D
Acq: 30 Mar 2018 00:55

Tgt Ion: 78 Resp: 105848
Ion Ratio Lower Upper
78 100
77 24.6 18.7 28.1



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





#41

Methacrylonitrile

Concen: 19.26 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.00 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

Instrument :

MSVOA_X

ClientSampled :

VX0329WBS02

Tgt Ion: 41 Resp: 25262

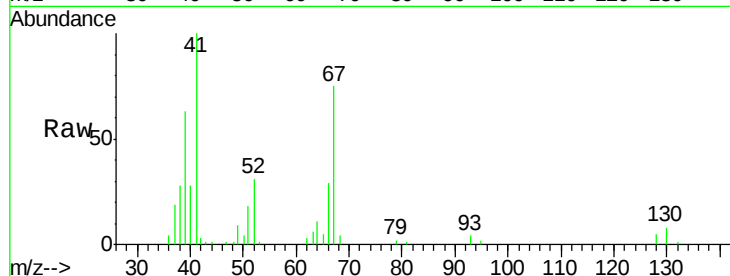
Ion Ratio Lower Upper

41 100

39 60.4 45.7 68.5

67 76.1 57.8 86.8

52 34.5 26.7 40.1

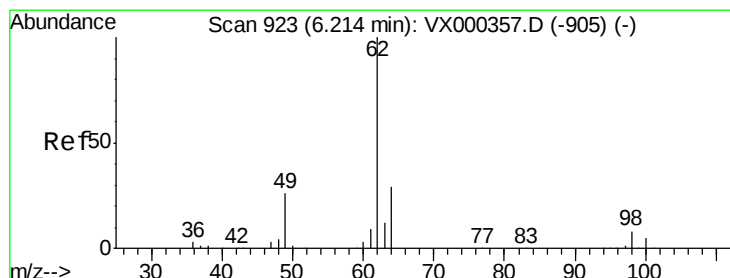
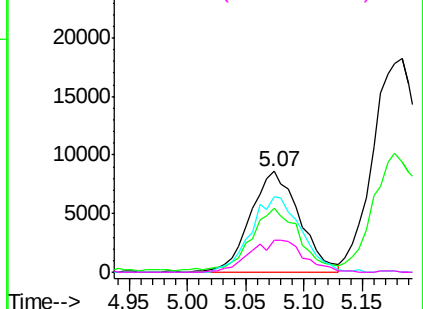
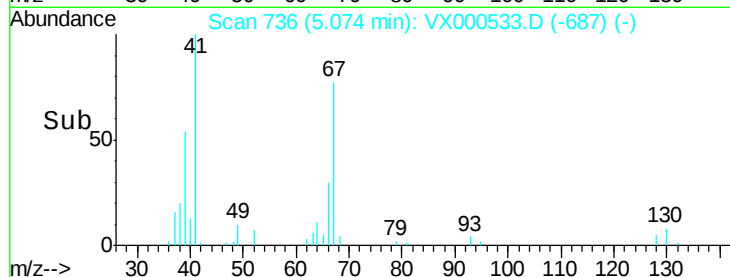


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 20.11 ug/l

RT: 6.21 min Scan# 922

Delta R.T. -0.01 min

Lab File: VX000533.D

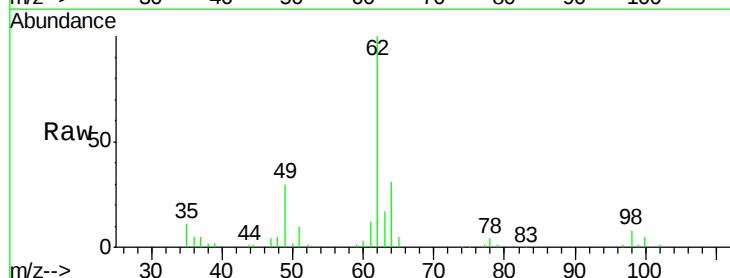
Acq: 30 Mar 2018 00:55

Tgt Ion: 62 Resp: 41740

Ion Ratio Lower Upper

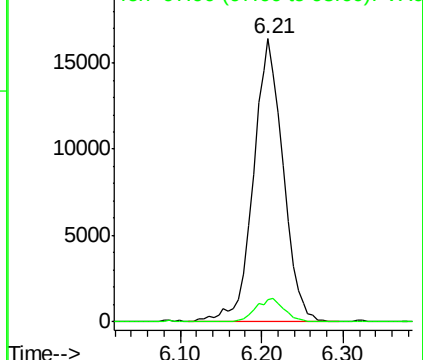
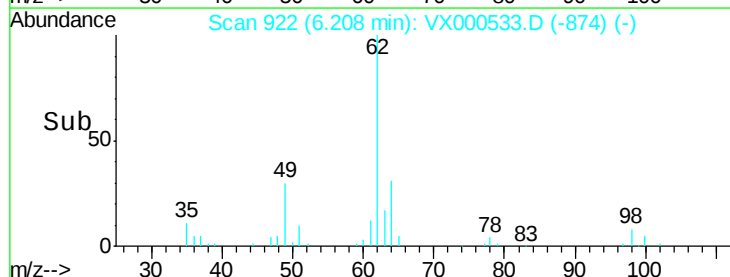
62 100

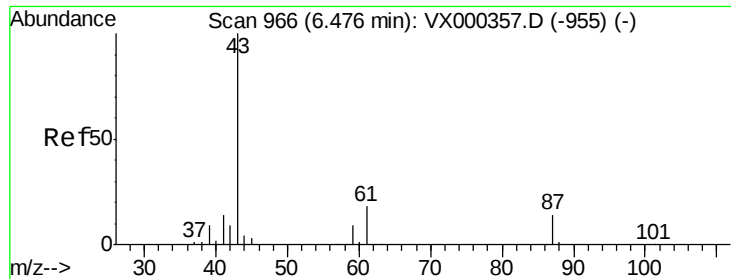
98 8.0 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

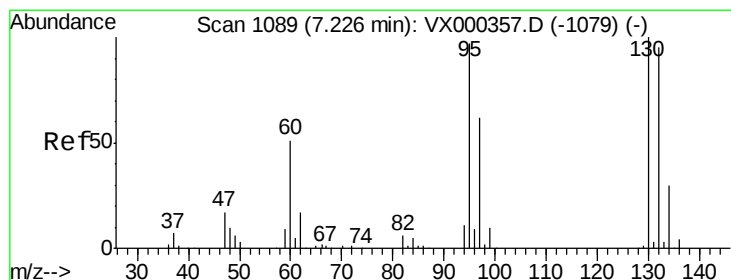
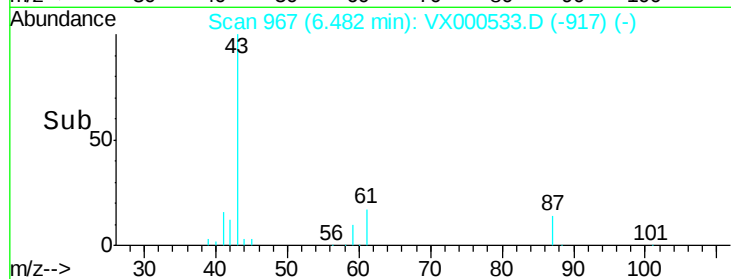
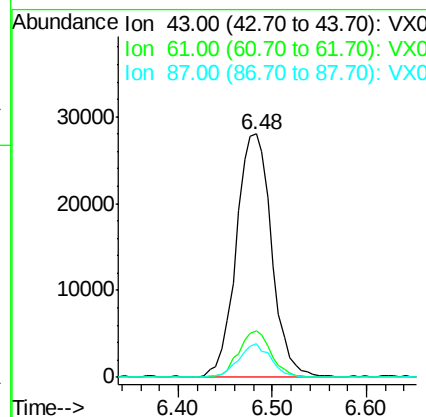
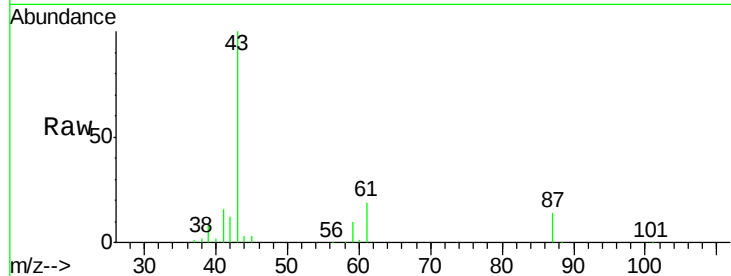




#43
Isopropyl Acetate
Concen: 19.85 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX000533.D
Acq: 30 Mar 2018 00:55

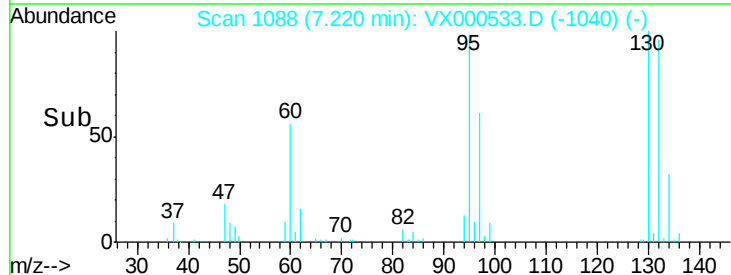
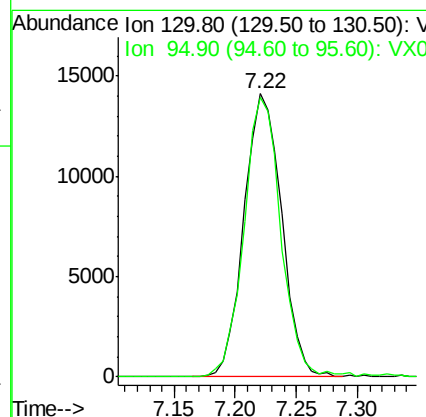
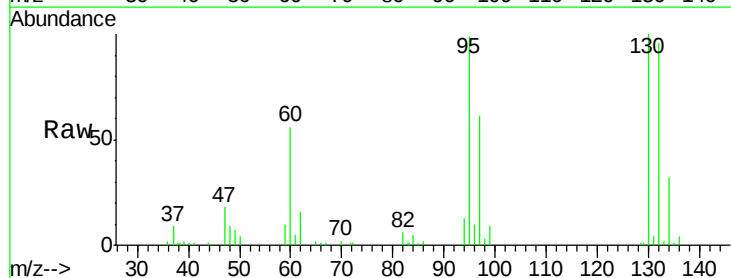
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS02

Tgt Ion: 43 Resp: 73498
Ion Ratio Lower Upper
43 100
61 17.4 14.4 21.6
87 12.6 11.0 16.4



#44
Trichloroethene
Concen: 19.91 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VX000533.D
Acq: 30 Mar 2018 00:55

Tgt Ion: 130 Resp: 30170
Ion Ratio Lower Upper
130 100
95 99.0 0.0 186.0

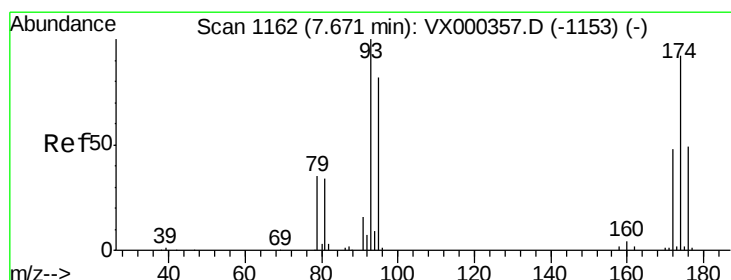
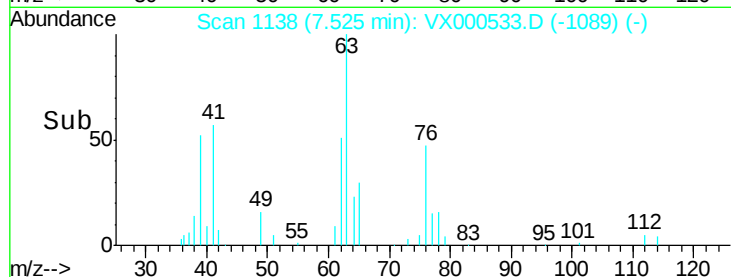
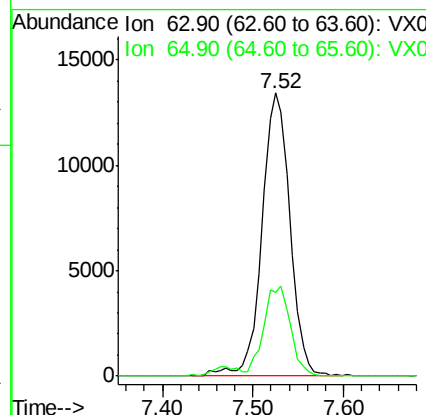
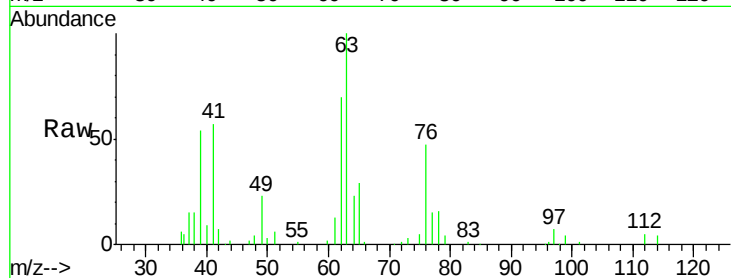




#45
 1,2-Dichloropropane
 Concen: 21.20 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000533.D
 Acq: 30 Mar 2018 00:55

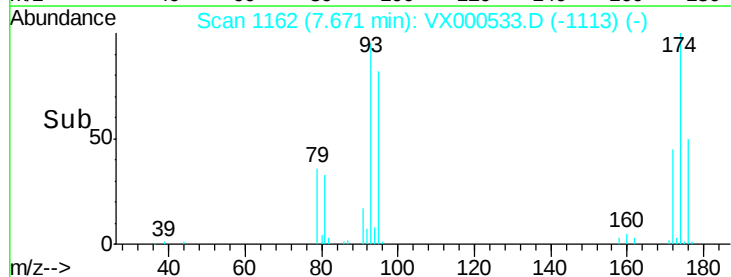
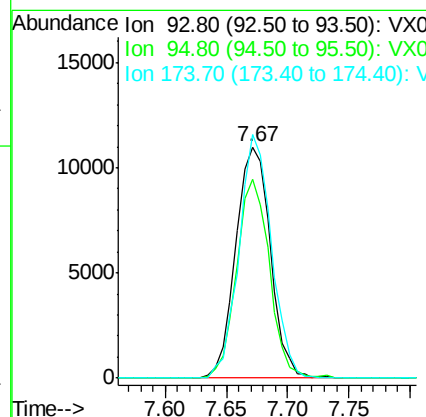
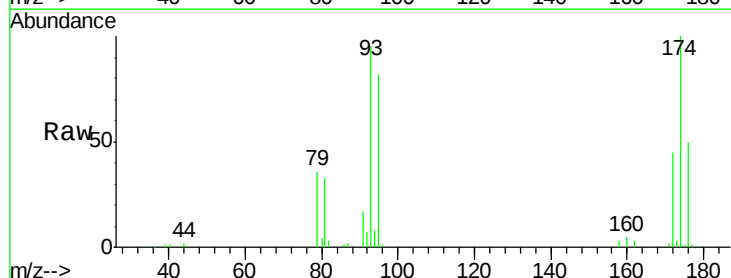
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS02

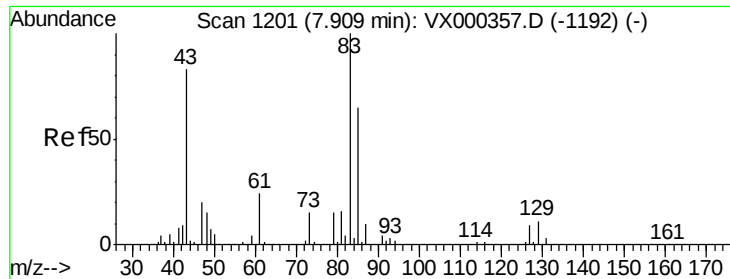
Tgt Ion: 63 Resp: 28695
 Ion Ratio Lower Upper
 63 100
 65 29.4 24.6 36.8



#46
 Dibromomethane
 Concen: 20.26 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000533.D
 Acq: 30 Mar 2018 00:55

Tgt Ion: 93 Resp: 21530
 Ion Ratio Lower Upper
 93 100
 95 81.7 66.5 99.7
 174 98.6 76.0 114.0





#47

Bromodichloromethane

Concen: 20.46 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS02

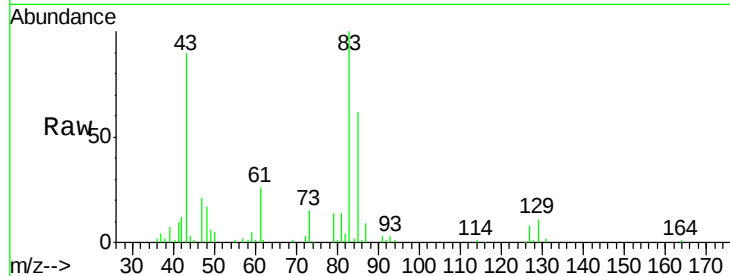
Tgt Ion: 83 Resp: 38258

Ion Ratio Lower Upper

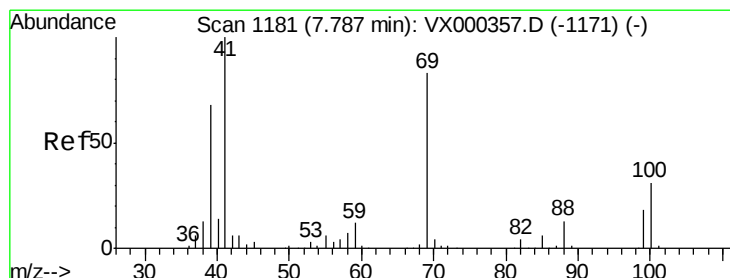
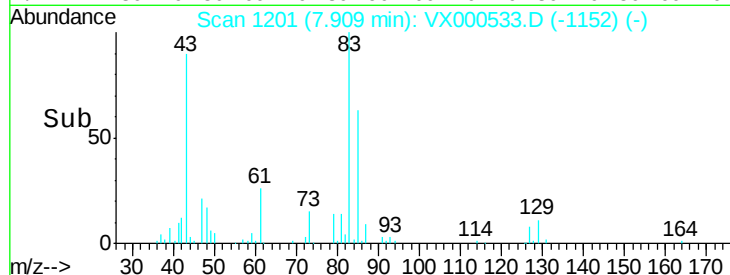
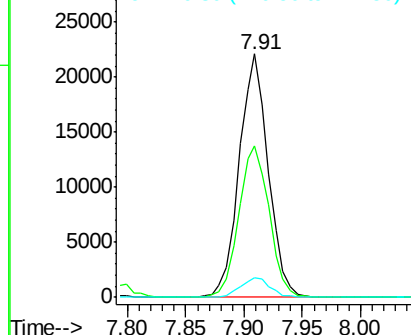
83 100

85 62.4 51.4 77.0

127 7.9 7.0 10.6



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



#48

Methyl methacrylate

Concen: 20.38 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

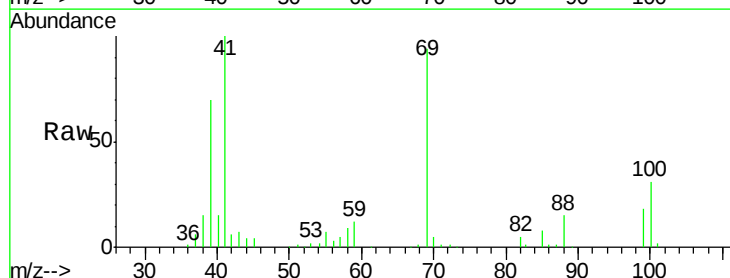
Tgt Ion: 41 Resp: 36648

Ion Ratio Lower Upper

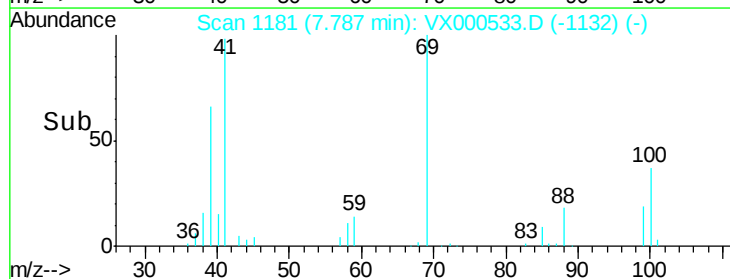
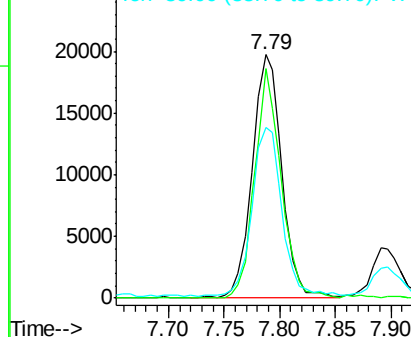
41 100

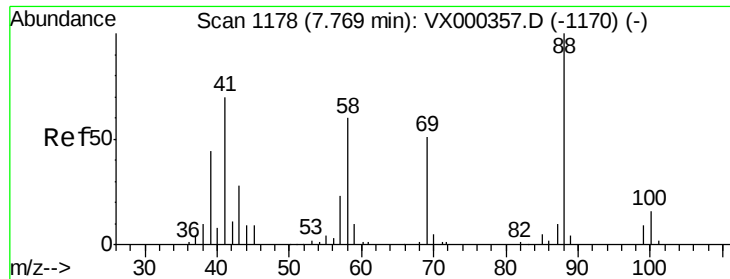
69 83.9 68.2 102.4

39 70.0 54.6 81.8



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

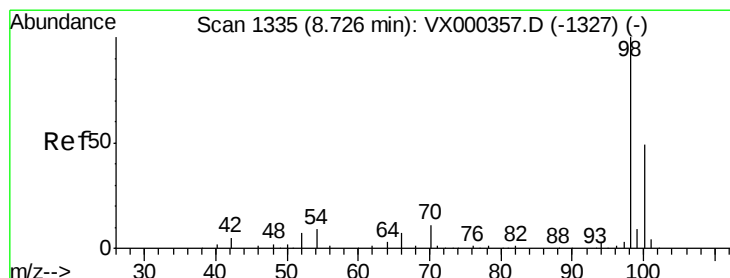
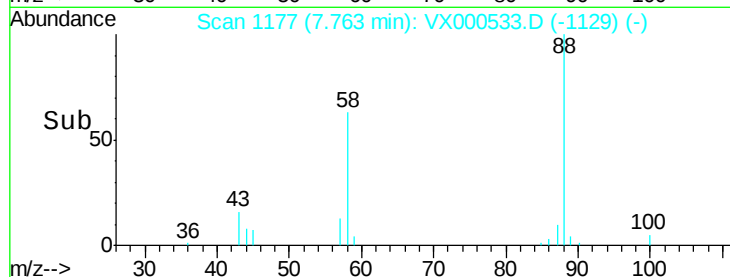
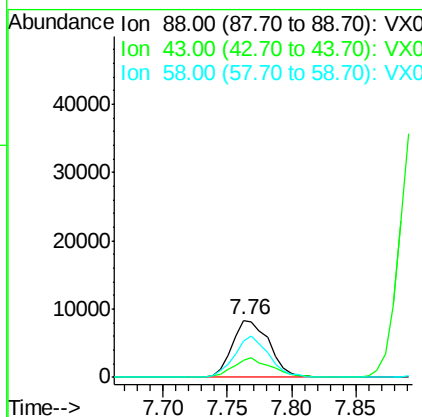
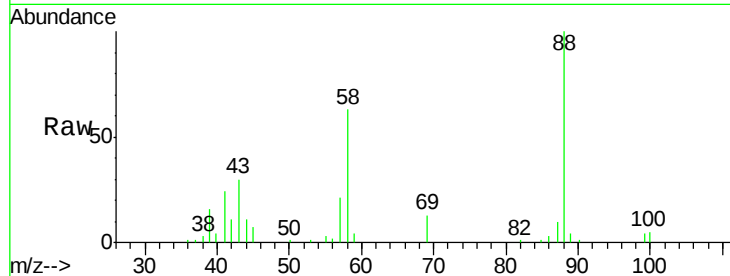




#49
1,4-Dioxane
Concen: 441.05 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000533.D
Acq: 30 Mar 2018 00:55

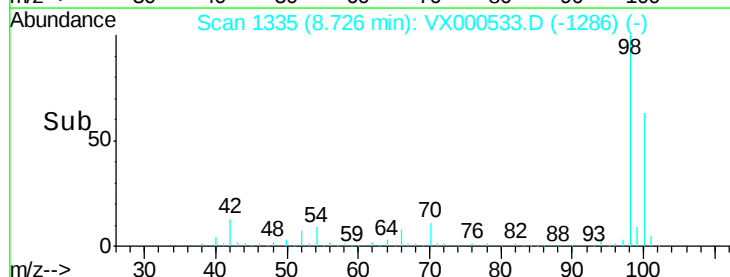
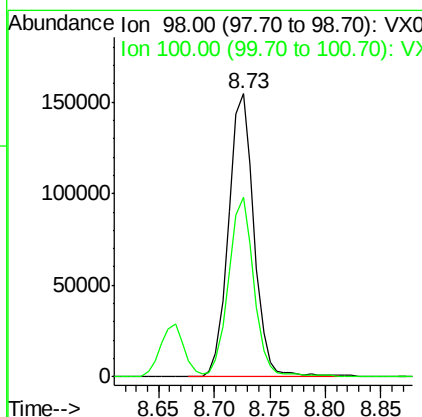
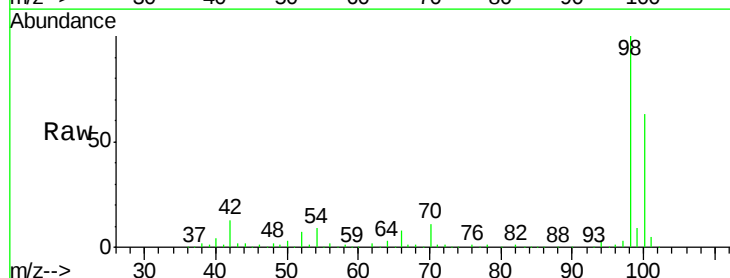
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS02

Tgt Ion: 88 Resp: 16667
Ion Ratio Lower Upper
88 100
43 34.9 26.8 40.2
58 67.0 52.2 78.2



#50
Toluene-d8
Concen: 48.18 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000533.D
Acq: 30 Mar 2018 00:55

Tgt Ion: 98 Resp: 244440
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 104.90 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

Instrument :

MSVOA_X

ClientSampleId :

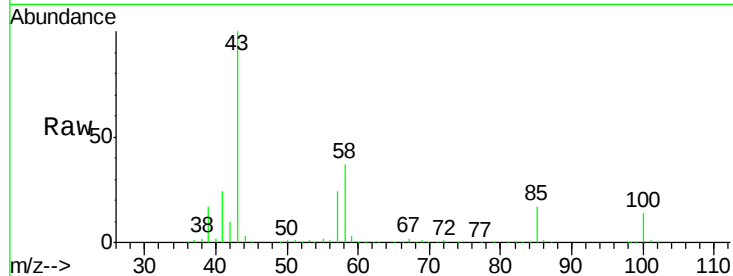
VX0329WBS02

Tgt Ion: 43 Resp: 300672

Ion Ratio Lower Upper

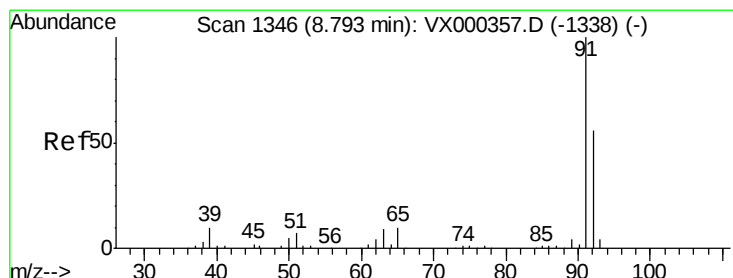
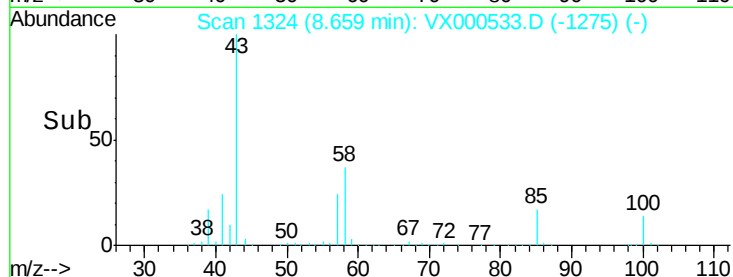
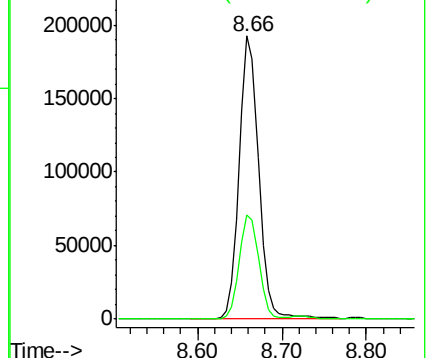
43 100

58 36.8 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.98 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000533.D

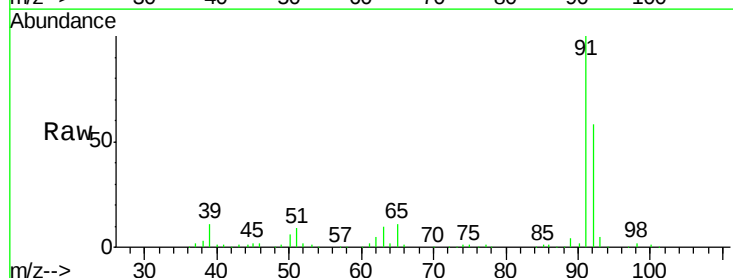
Acq: 30 Mar 2018 00:55

Tgt Ion: 92 Resp: 73870

Ion Ratio Lower Upper

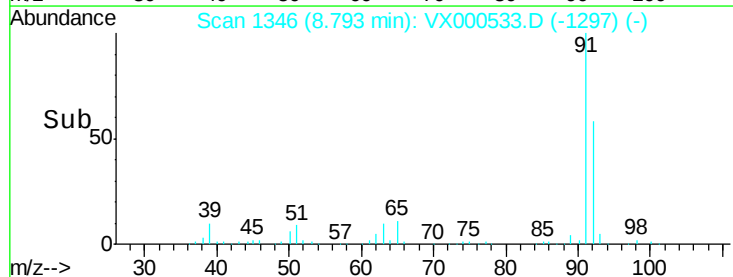
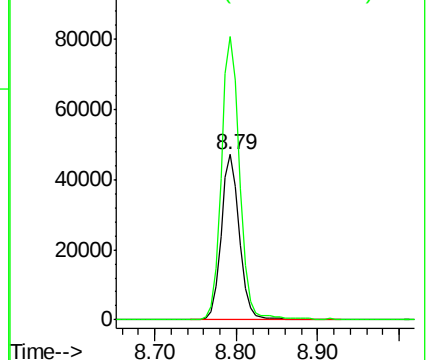
92 100

91 172.7 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

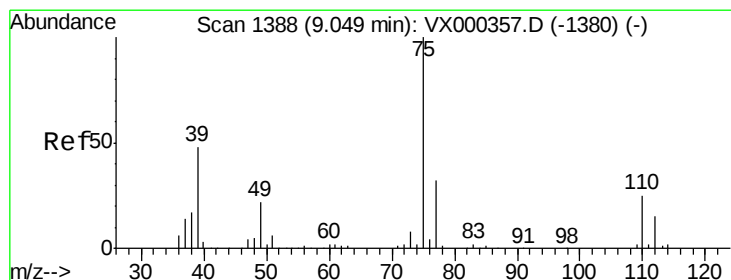
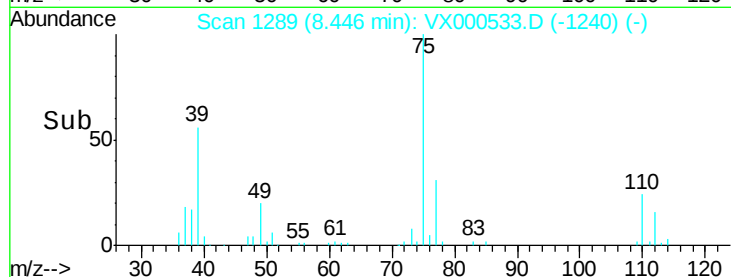
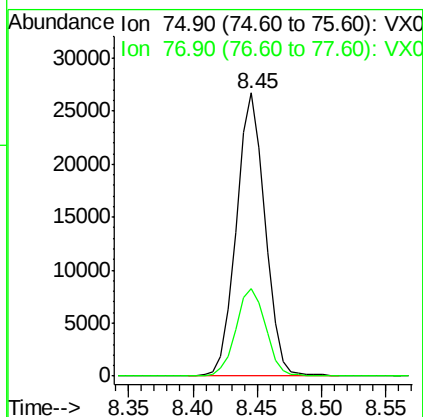
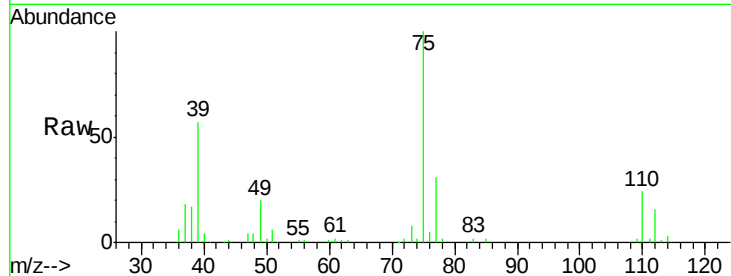




#53
 t-1,3-Dichloropropene
 Concen: 19.03 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000533.D
 Acq: 30 Mar 2018 00:55

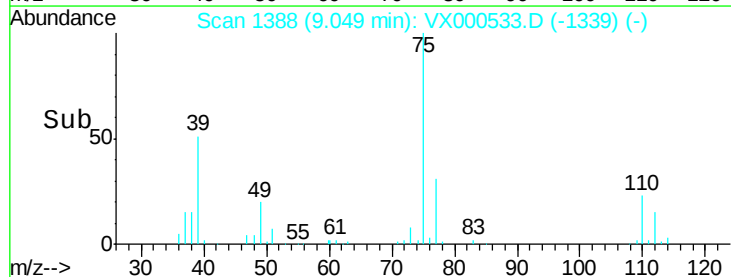
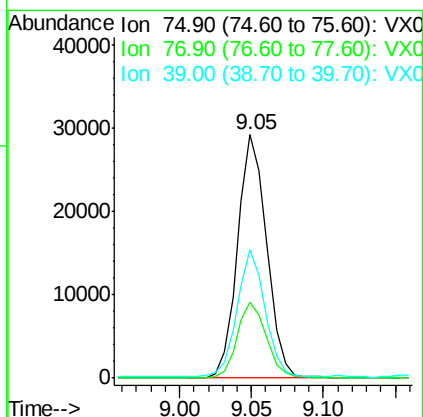
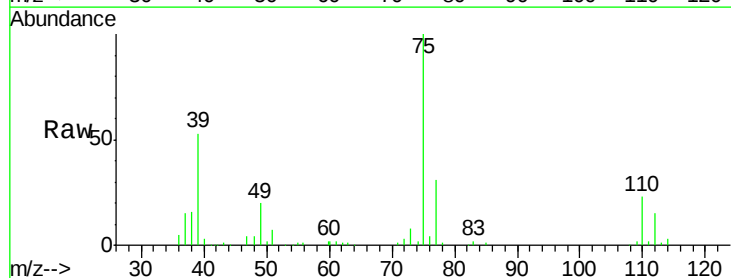
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS02

Tgt Ion: 75 Resp: 41226
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.54 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000533.D
 Acq: 30 Mar 2018 00:55

Tgt Ion: 75 Resp: 41067
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.1 39.1
 39 52.3 39.8 59.6

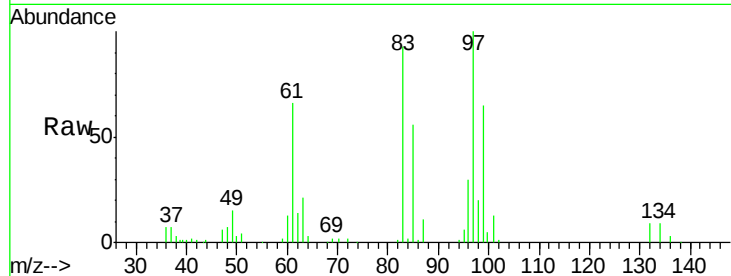




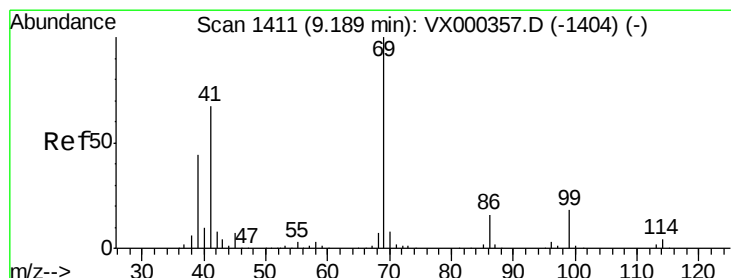
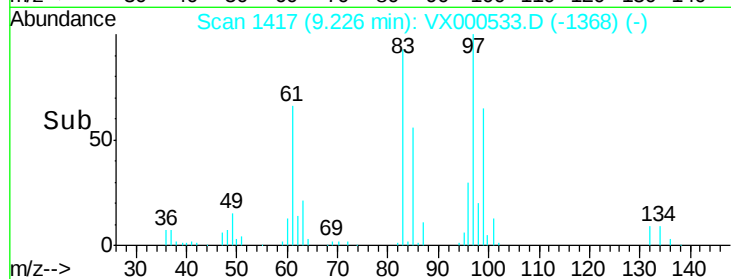
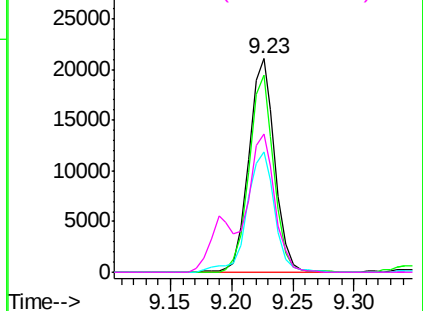
#55
 1,1,2-Trichloroethane
 Concen: 20.42 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000533.D
 Acq: 30 Mar 2018 00:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS02

Tgt Ion: 97 Resp: 31049
 Ion Ratio Lower Upper
 97 100
 83 92.6 67.9 101.9
 85 56.5 42.8 64.2
 99 64.8 49.4 74.2

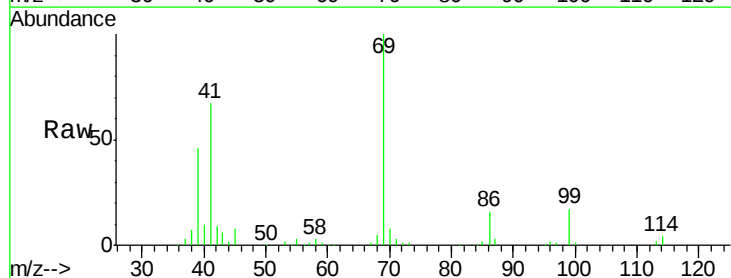


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

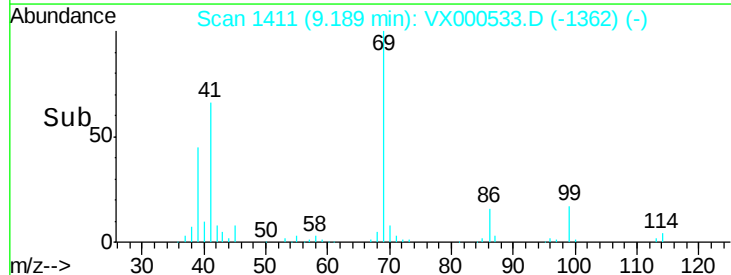
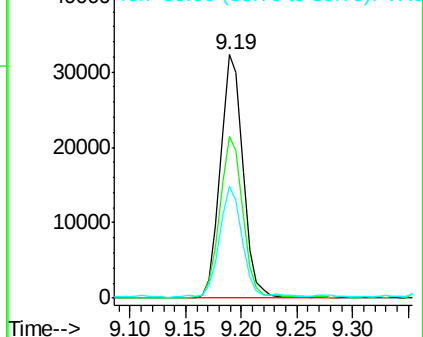


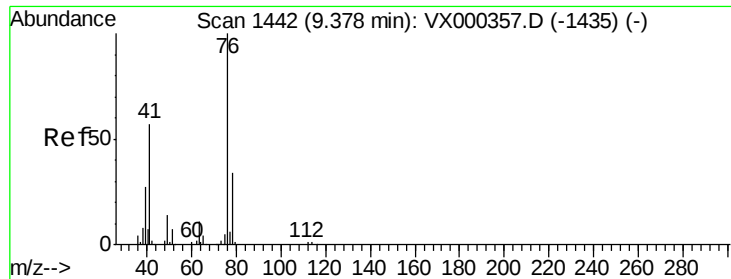
#56
 Ethyl methacrylate
 Concen: 19.89 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000533.D
 Acq: 30 Mar 2018 00:55

Tgt Ion: 69 Resp: 45827
 Ion Ratio Lower Upper
 69 100
 41 66.0 53.0 79.6
 39 45.9 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: 20.74 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

Instrument :

MSVOA_X

ClientSampleId :

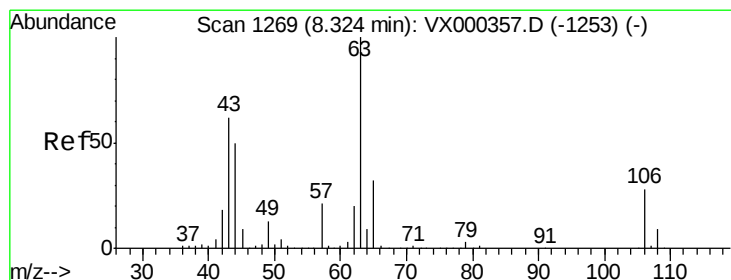
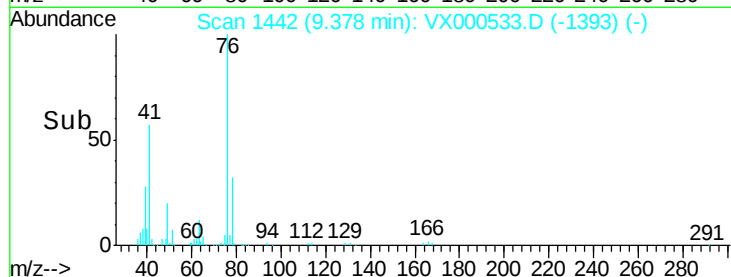
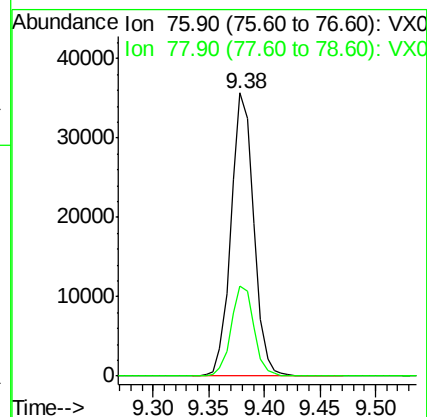
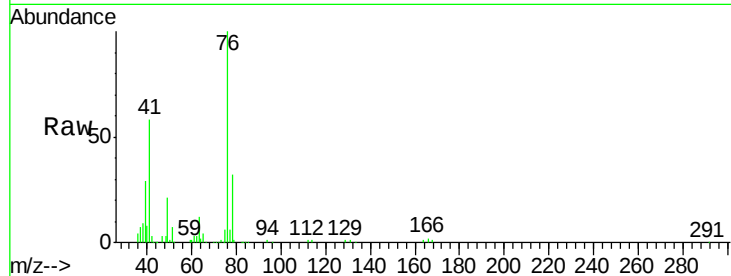
VX0329WBS02

Tgt Ion: 76 Resp: 50427

Ion Ratio Lower Upper

76 100

78 32.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 88.59 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000533.D

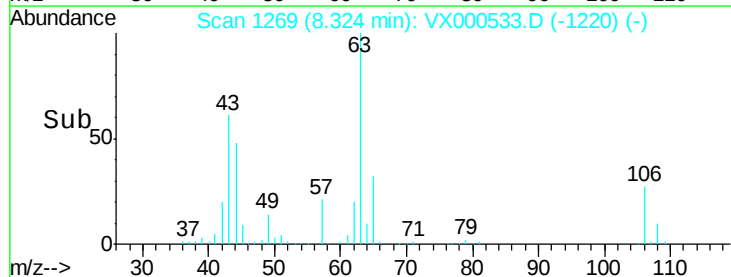
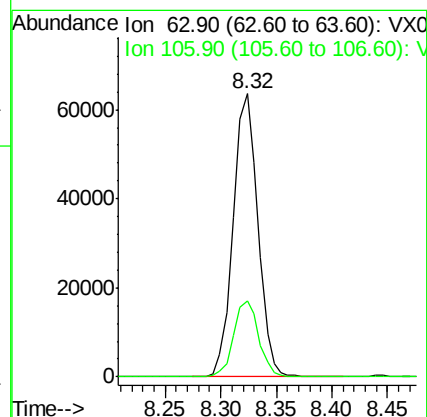
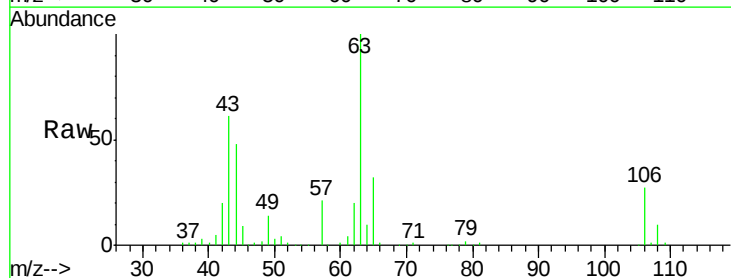
Acq: 30 Mar 2018 00:55

Tgt Ion: 63 Resp: 97967

Ion Ratio Lower Upper

63 100

106 27.3 23.2 34.8

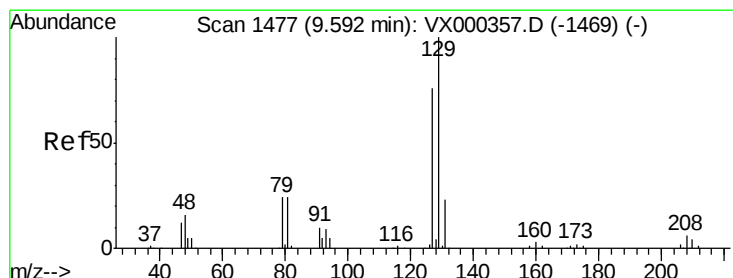
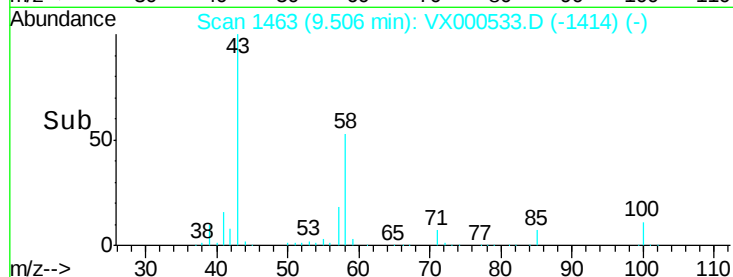
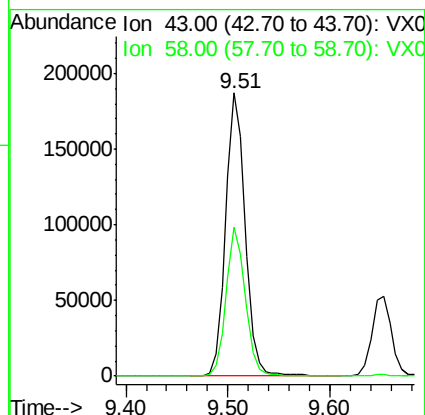
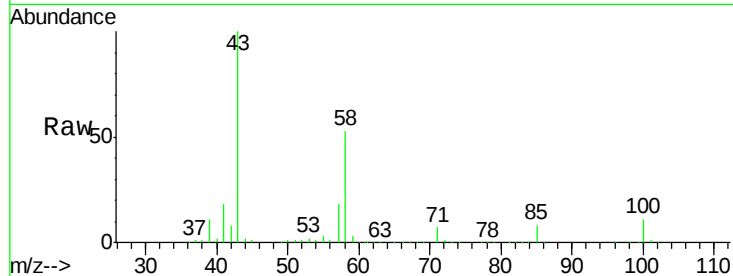




#59
2-Hexanone
Concen: 102.78 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000533.D
Acq: 30 Mar 2018 00:55

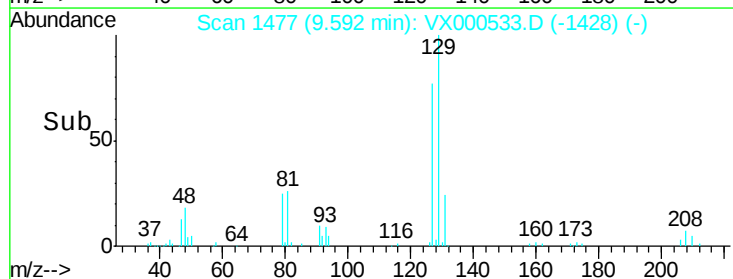
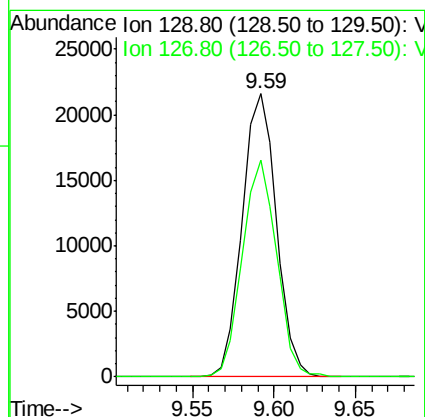
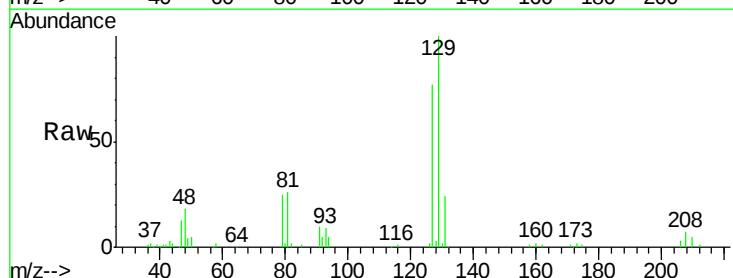
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS02

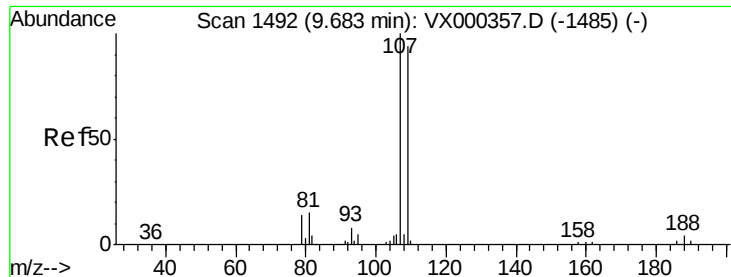
Tgt Ion: 43 Resp: 250152
Ion Ratio Lower Upper
43 100
58 51.8 26.6 79.7



#60
Dibromochloromethane
Concen: 20.27 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000533.D
Acq: 30 Mar 2018 00:55

Tgt Ion: 129 Resp: 31675
Ion Ratio Lower Upper
129 100
127 76.7 37.9 113.6





#61

1,2-Dibromoethane

Concen: 20.65 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

Instrument :

MSVOA_X

ClientSampleId :

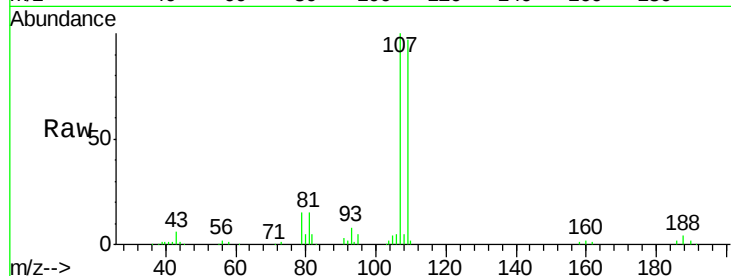
VX0329WBS02

Tgt Ion: 107 Resp: 33671

Ion Ratio Lower Upper

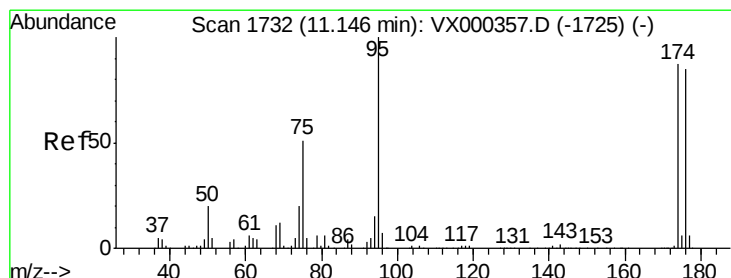
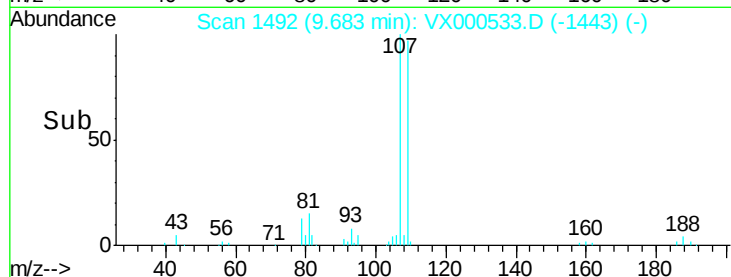
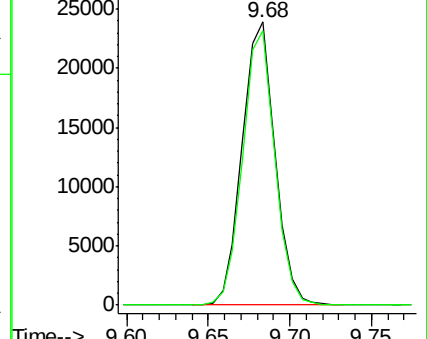
107 100

109 94.8 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: 45.05 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

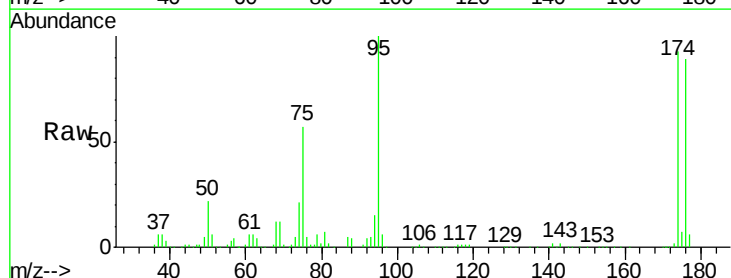
Tgt Ion: 95 Resp: 95098

Ion Ratio Lower Upper

95 100

174 88.3 0.0 173.6

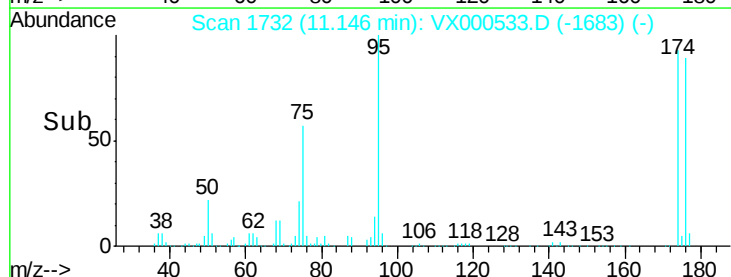
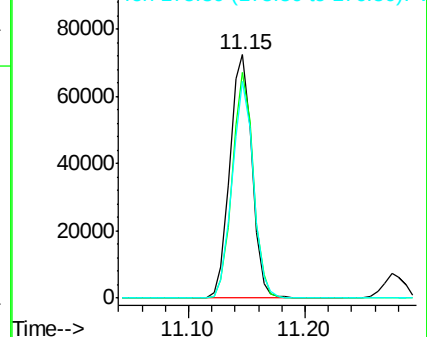
176 86.1 0.0 164.6

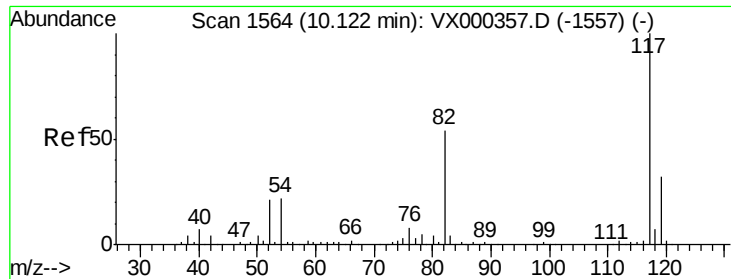


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

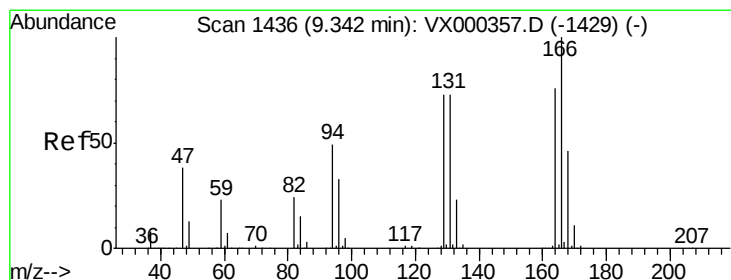
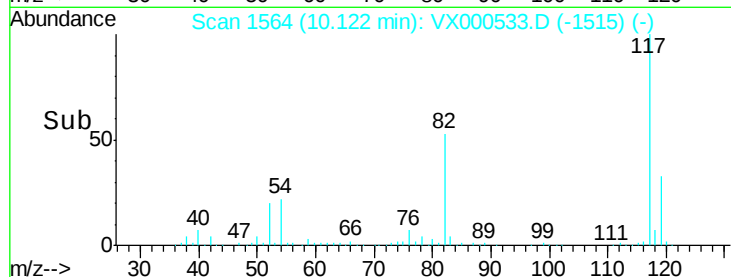
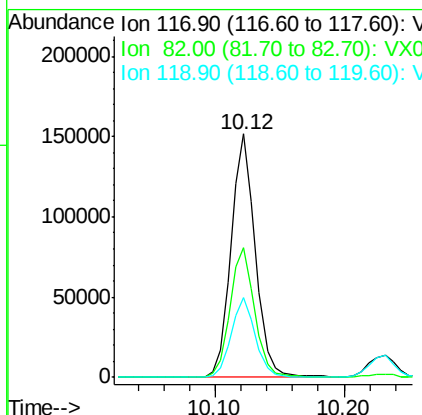
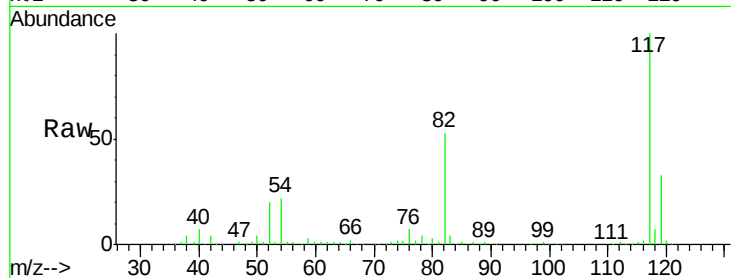




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000533.D
Acq: 30 Mar 2018 00:55

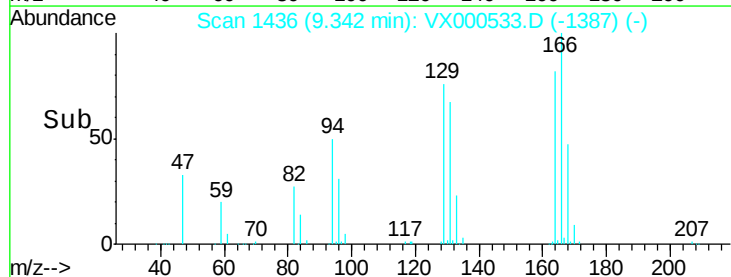
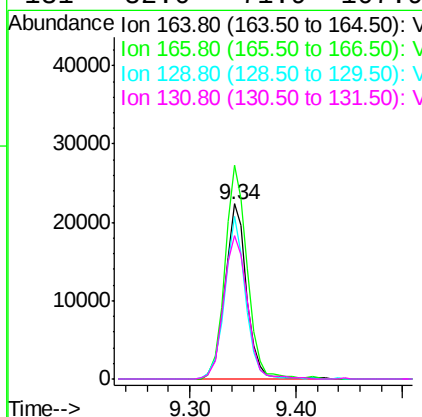
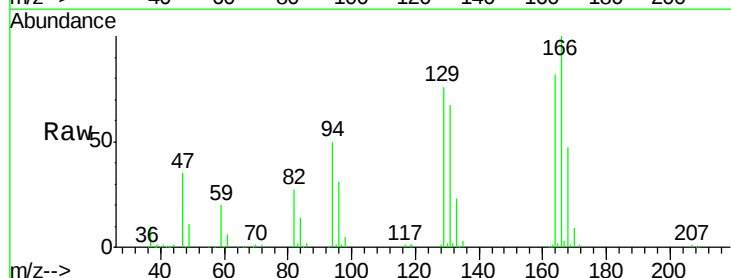
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS02

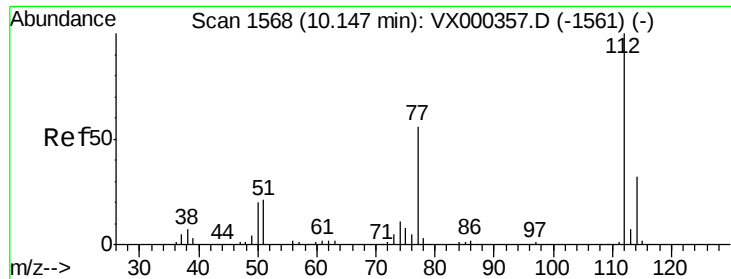
Tgt Ion:117 Resp: 199929
Ion Ratio Lower Upper
117 100
82 53.2 43.8 65.8
119 32.8 24.9 37.3



#64
Tetrachloroethene
Concen: 20.49 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000533.D
Acq: 30 Mar 2018 00:55

Tgt Ion:164 Resp: 31789
Ion Ratio Lower Upper
164 100
166 122.2 101.0 151.6
129 92.9 79.0 118.4
131 82.0 71.9 107.9

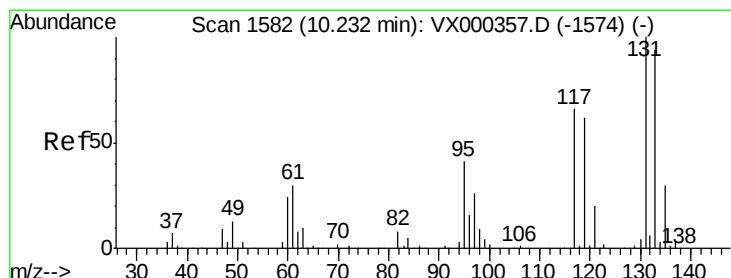
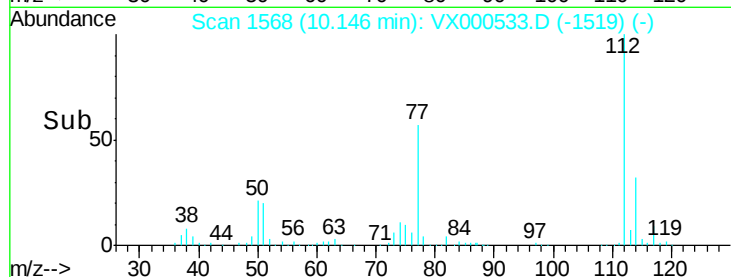
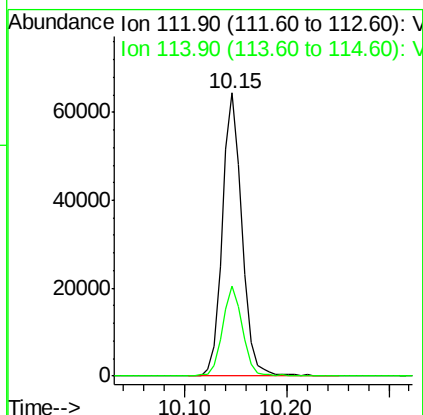
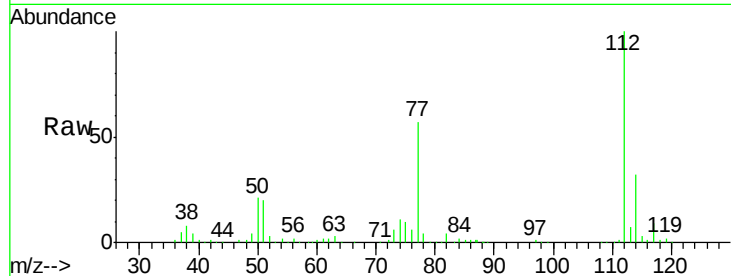




#65
Chlorobenzene
Concen: 19.36 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000533.D
Acq: 30 Mar 2018 00:55

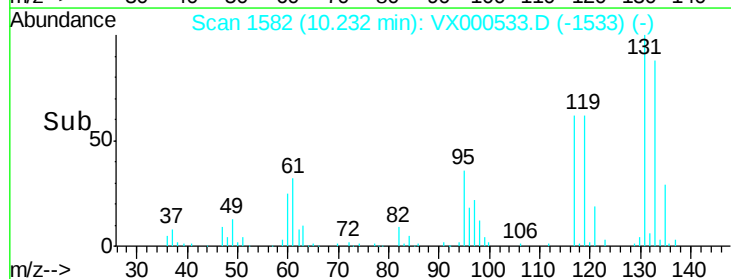
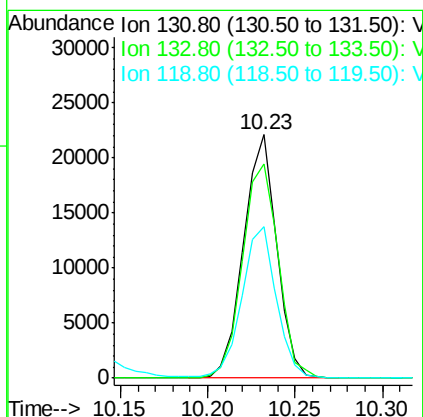
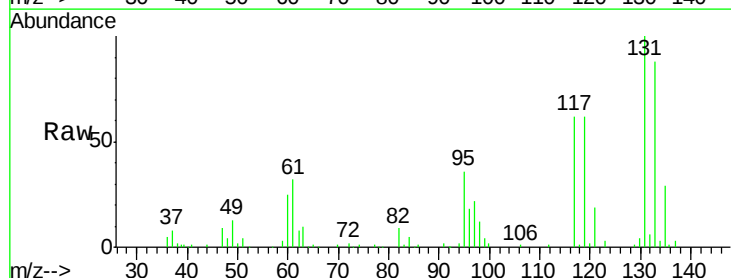
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS02

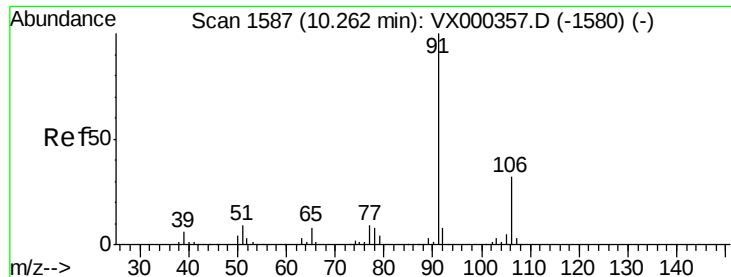
Tgt Ion:112 Resp: 86137
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.38 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000533.D
Acq: 30 Mar 2018 00:55

Tgt Ion:131 Resp: 29283
Ion Ratio Lower Upper
131 100
133 95.1 47.1 141.3
119 65.0 33.1 99.2





#67

Ethyl Benzene

Concen: 19.20 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.01 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

Instrument :

MSVOA_X

ClientSampleId :

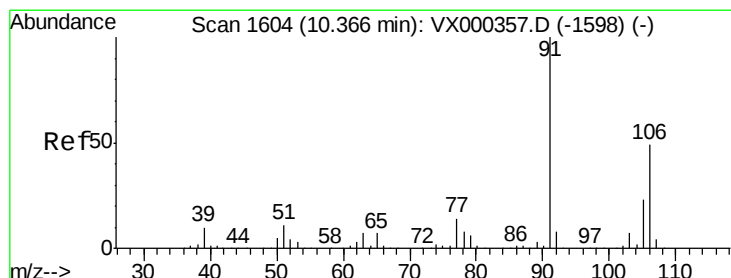
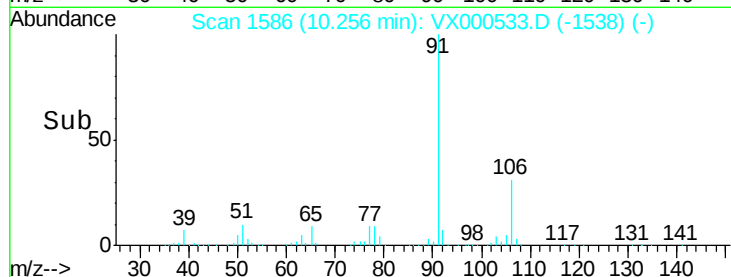
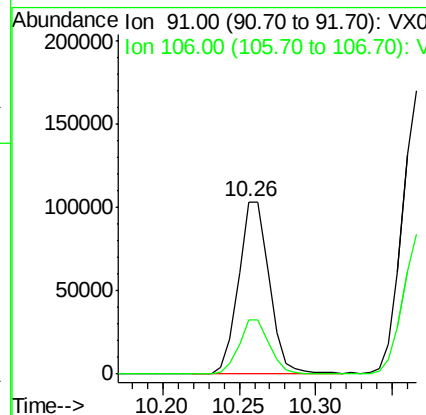
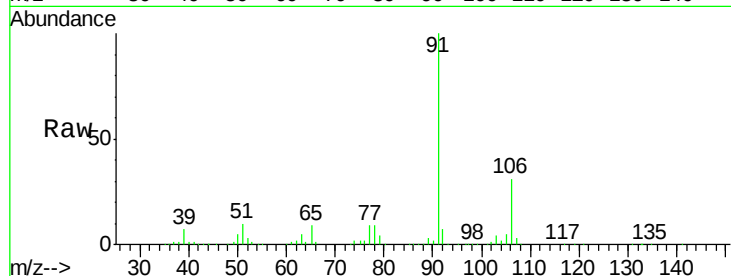
VX0329WBS02

Tgt Ion: 91 Resp: 144818

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.6



#68

m/p-Xylenes

Concen: 38.59 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000533.D

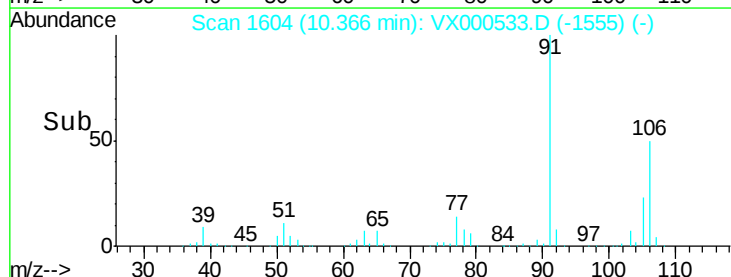
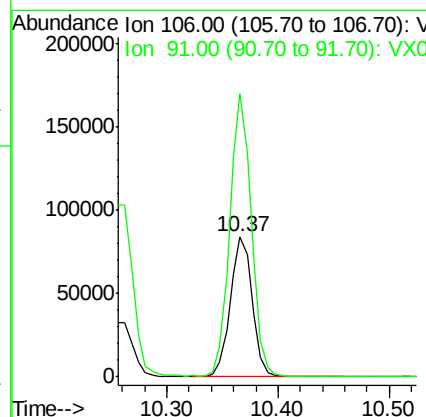
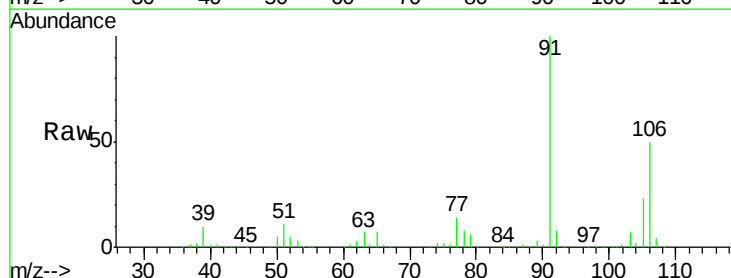
Acq: 30 Mar 2018 00:55

Tgt Ion: 106 Resp: 114534

Ion Ratio Lower Upper

106 100

91 198.3 163.4 245.2

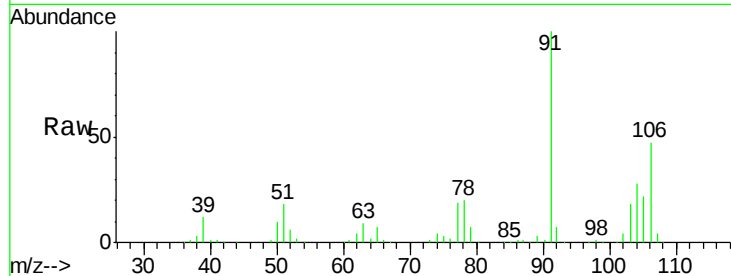




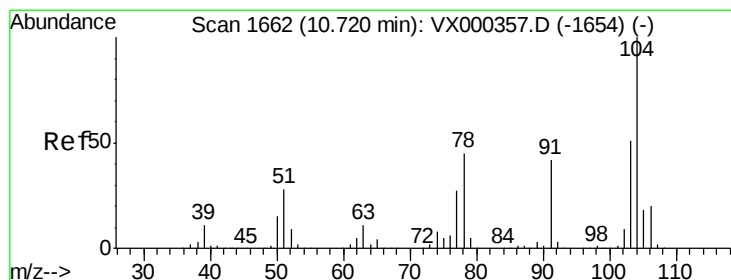
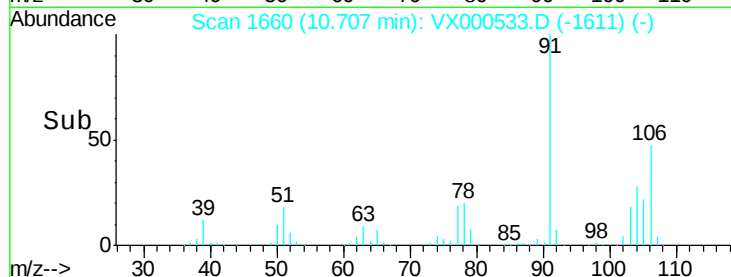
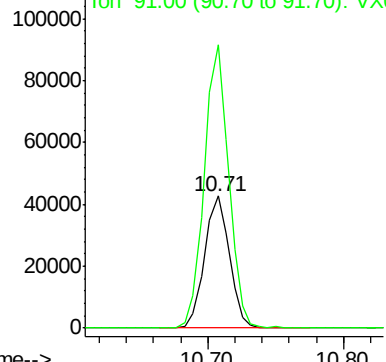
#69
o-Xylene
Concen: 18.95 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000533.D
Acq: 30 Mar 2018 00:55

Instrument :
MSVOA_X
ClientSampled :
VX0329WBS02

Tgt Ion:106 Resp: 54445
Ion Ratio Lower Upper
106 100
91 210.9 106.5 319.6

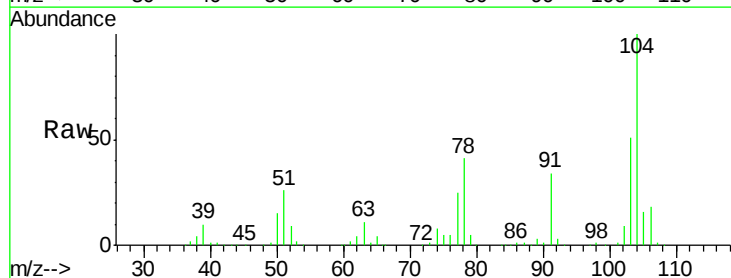


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

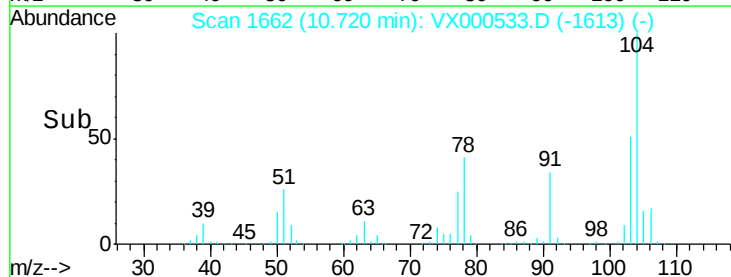
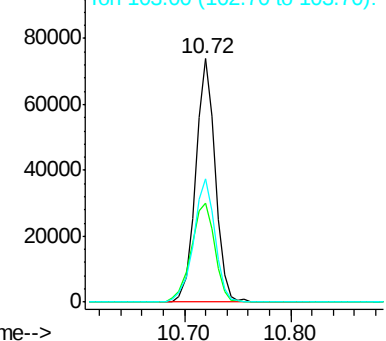


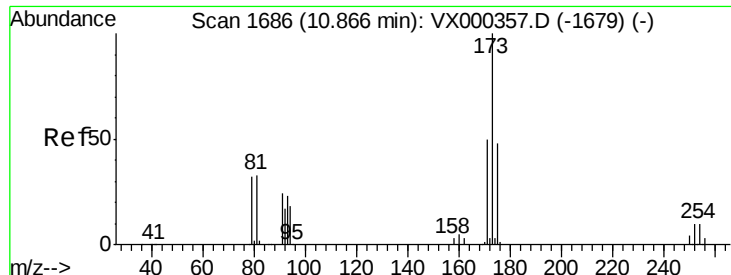
#70
Styrene
Concen: 19.96 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000533.D
Acq: 30 Mar 2018 00:55

Tgt Ion:104 Resp: 94915
Ion Ratio Lower Upper
104 100
78 48.8 40.5 60.7
103 55.0 45.7 68.5



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





#71

Bromoform

Concen: 18.29 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS02

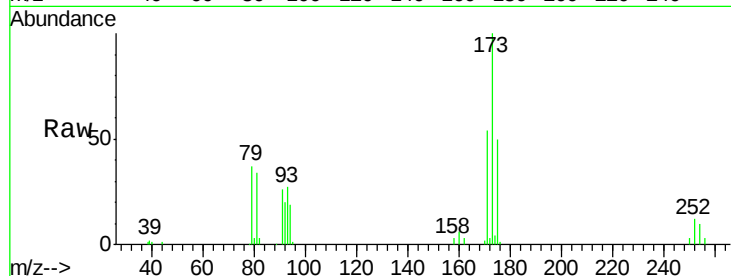
Tgt Ion:173 Resp: 23532

Ion Ratio Lower Upper

173 100

175 49.3 25.4 76.4

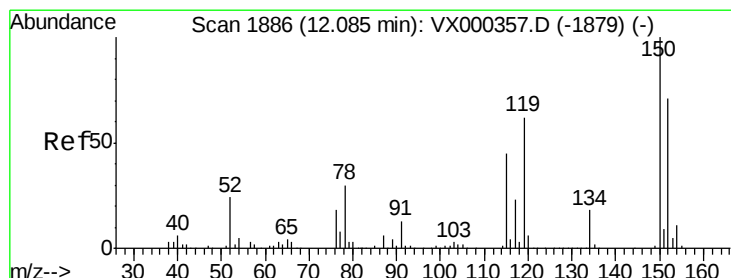
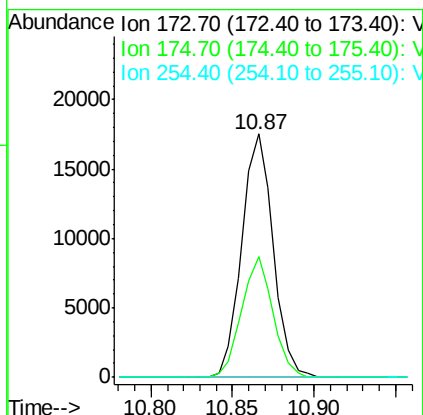
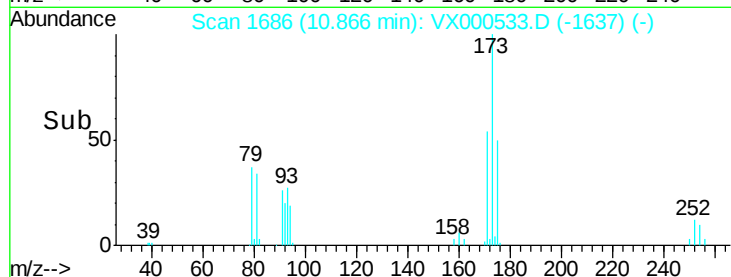
254 0.0 0.0 0.0



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: VX000533.D

Acq: 30 Mar 2018 00:55

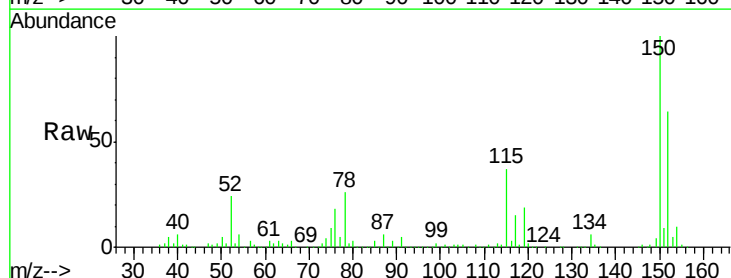
Tgt Ion:152 Resp: 116136

Ion Ratio Lower Upper

152 100

115 66.2 39.8 119.3

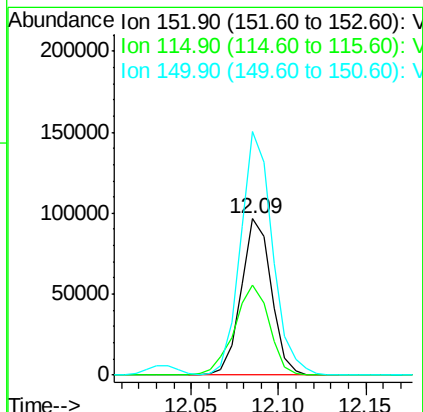
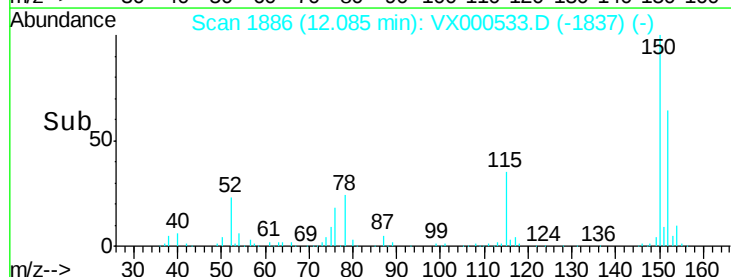
150 164.3 0.0 344.4

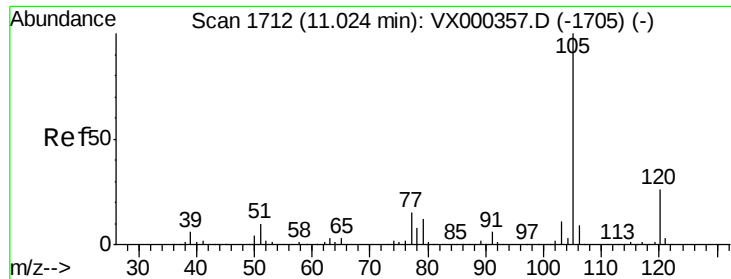


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.72 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

Instrument :

MSVOA_X

ClientSampleId :

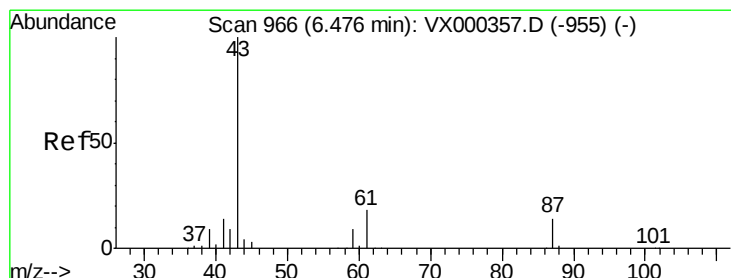
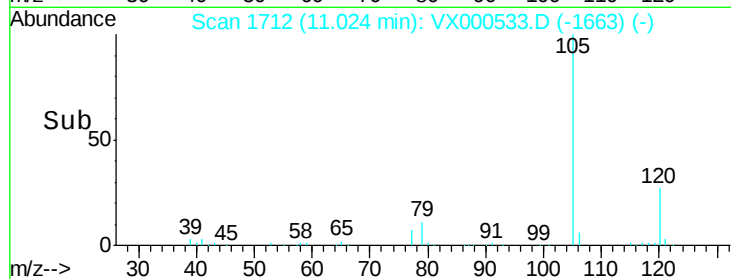
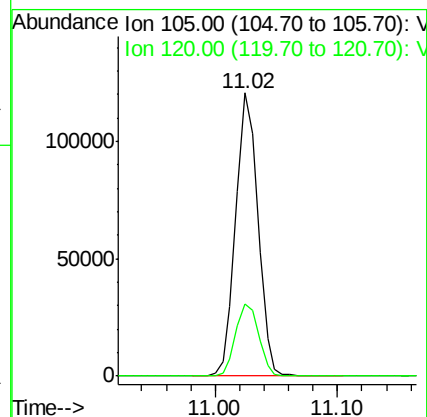
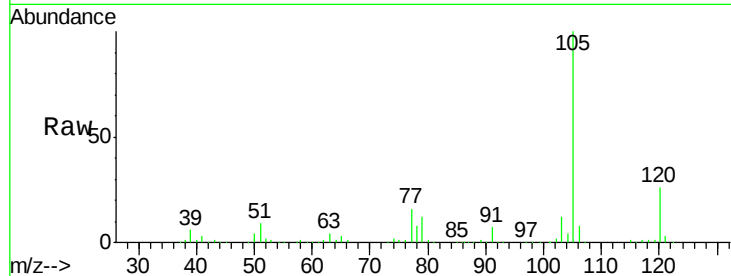
VX0329WBS02

Tgt Ion:105 Resp: 151739

Ion Ratio Lower Upper

105 100

120 26.6 13.6 40.7



#74

N-ethyl acetate

Concen: 19.93 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

Tgt Ion: 43 Resp: 73498

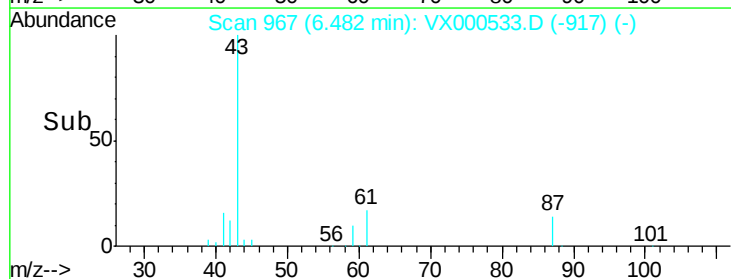
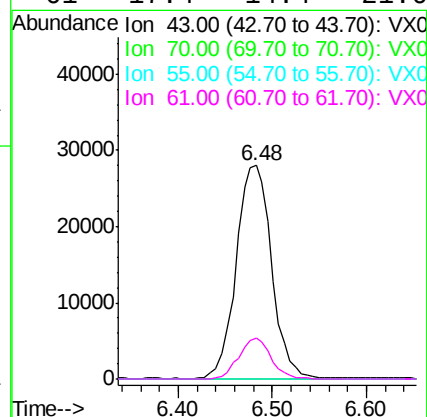
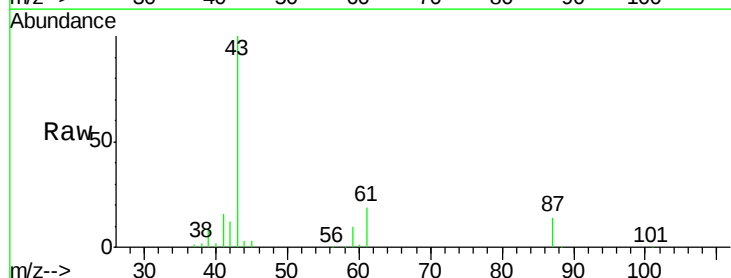
Ion Ratio Lower Upper

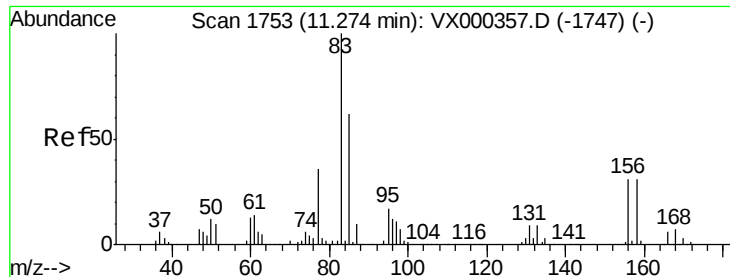
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 17.4 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.14 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS02

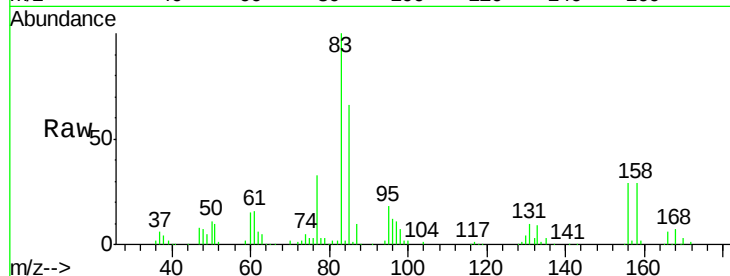
Tgt Ion: 83 Resp: 54808

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

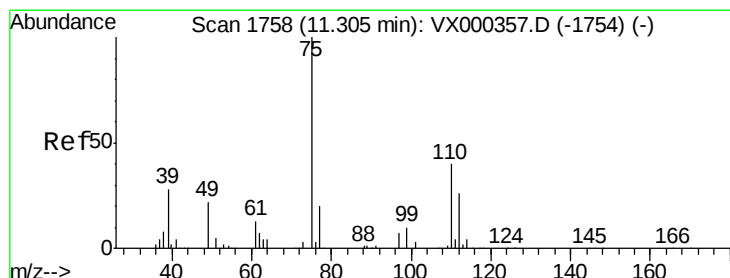
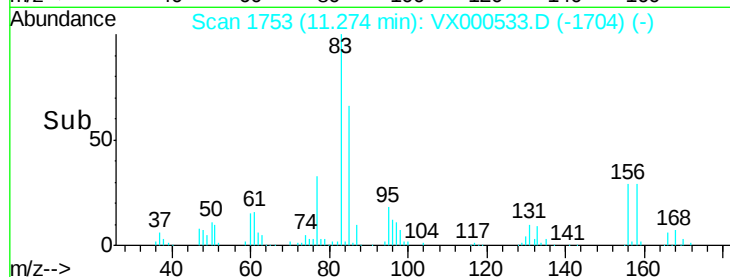
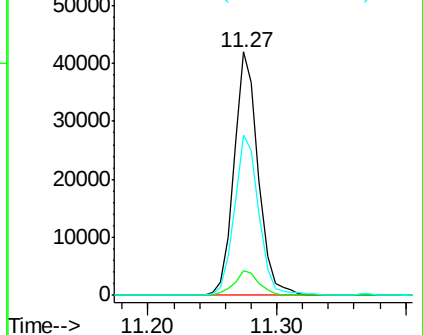
85 66.6 32.5 97.5



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: 24.96 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000533.D

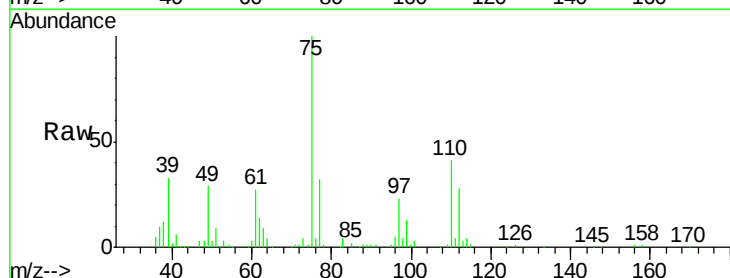
Acq: 30 Mar 2018 00:55

Tgt Ion: 75 Resp: 62307

Ion Ratio Lower Upper

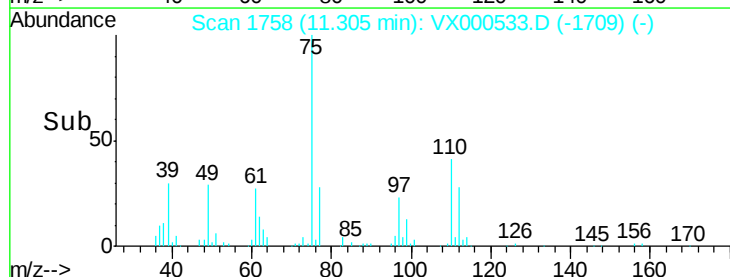
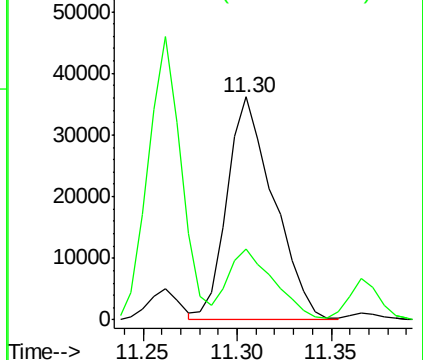
75 100

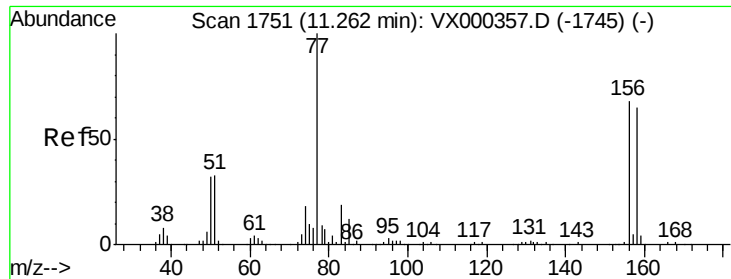
77 31.2 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.84 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS02

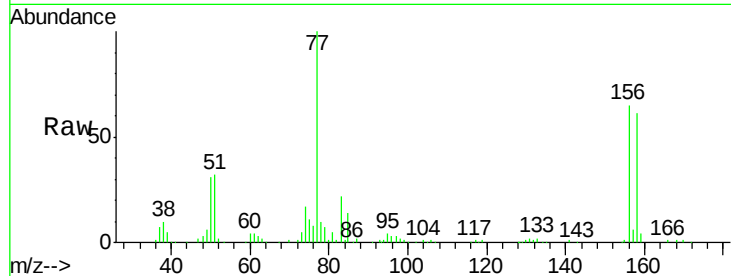
Tgt Ion:156 Resp: 38616

Ion Ratio Lower Upper

156 100

77 146.5 73.4 220.2

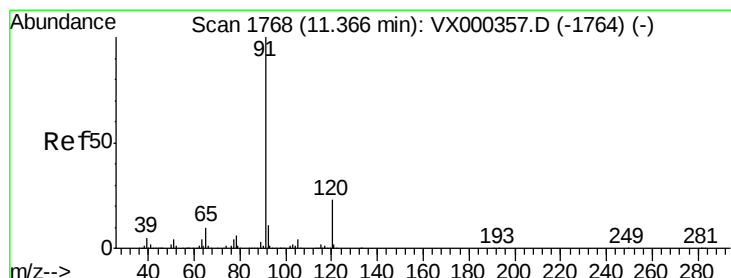
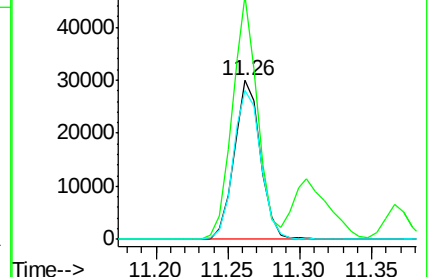
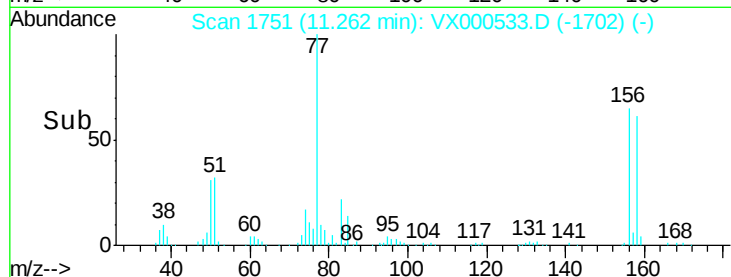
158 97.8 48.5 145.6



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: 19.77 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000533.D

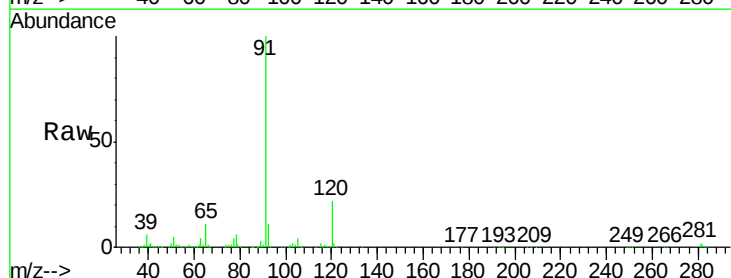
Acq: 30 Mar 2018 00:55

Tgt Ion: 91 Resp: 181364

Ion Ratio Lower Upper

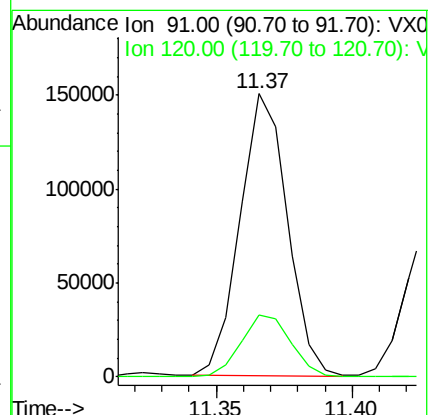
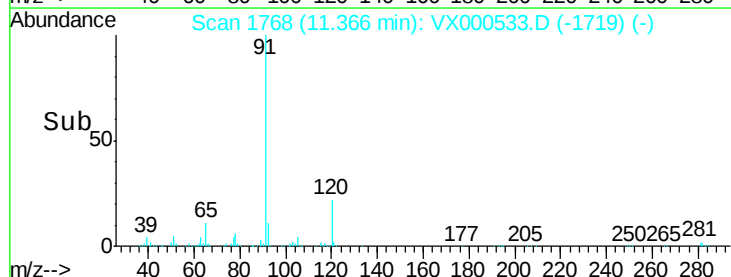
91 100

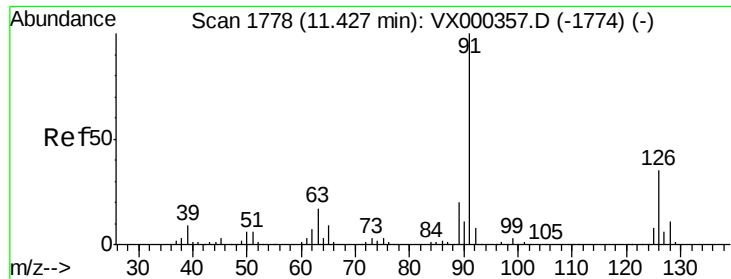
120 23.2 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

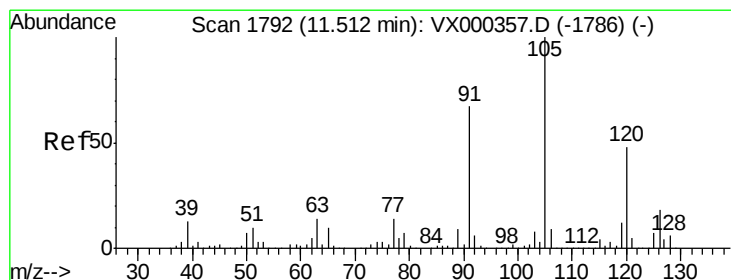
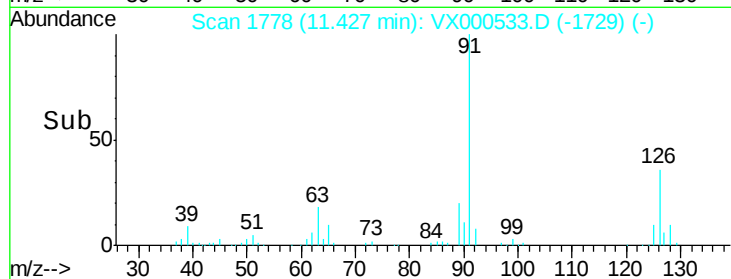
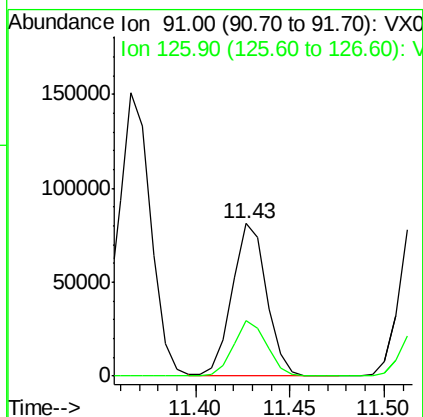
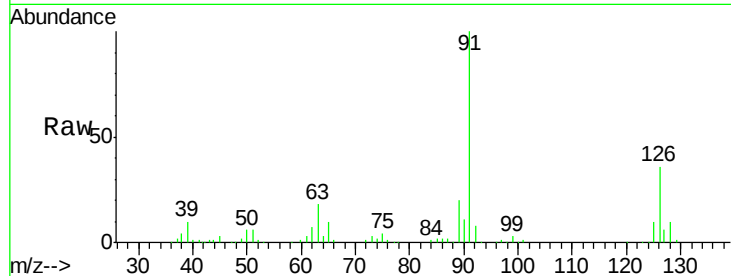




#79
 2-Chlorotoluene
 Concen: 19.39 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000533.D
 Acq: 30 Mar 2018 00:55

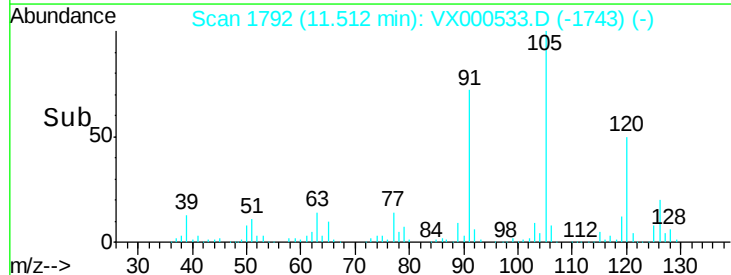
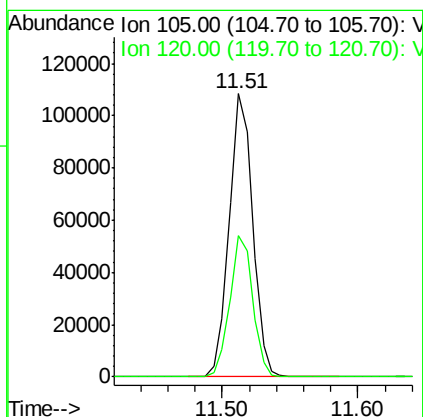
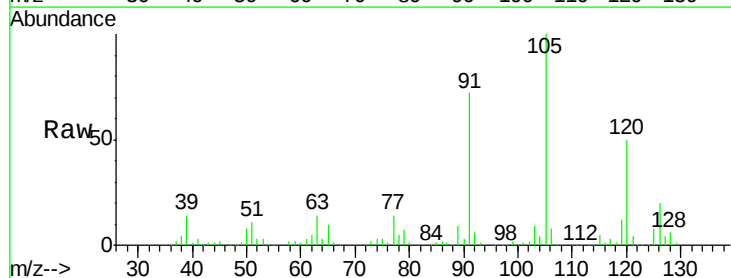
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS02

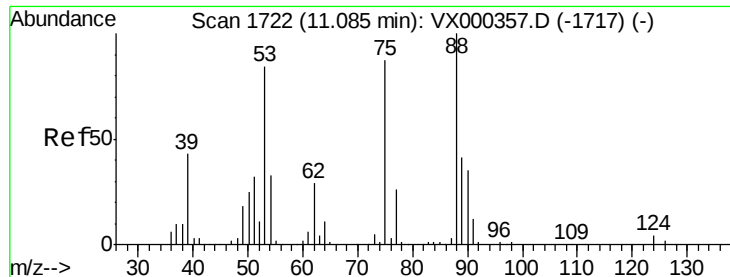
Tgt Ion: 91 Resp: 102764
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.16 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000533.D
 Acq: 30 Mar 2018 00:55

Tgt Ion: 105 Resp: 130405
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 16.90 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS02

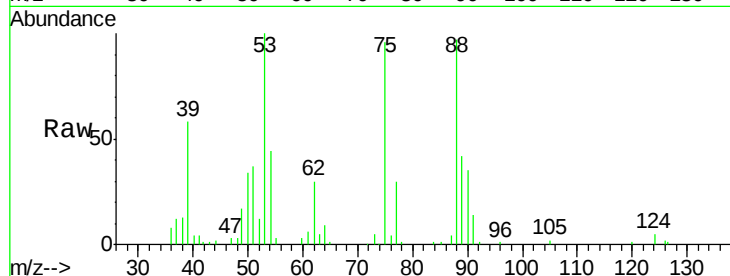
Tgt Ion: 75 Resp: 13030

Ion Ratio Lower Upper

75 100

53 115.4 80.7 121.1

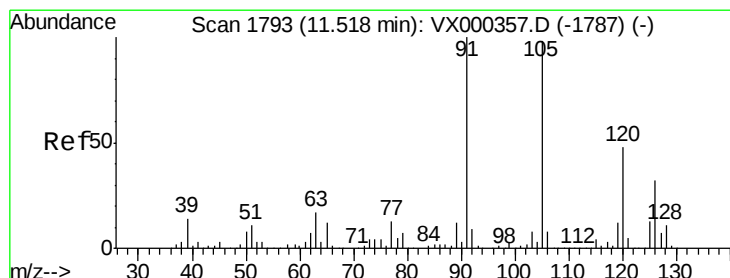
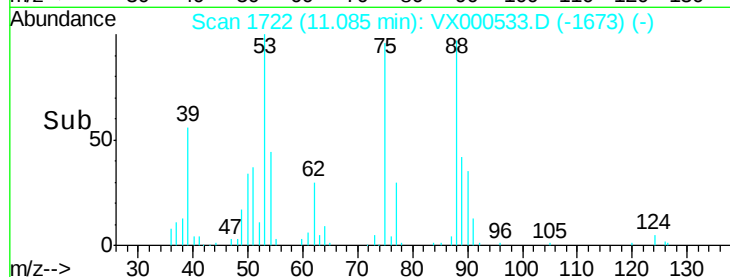
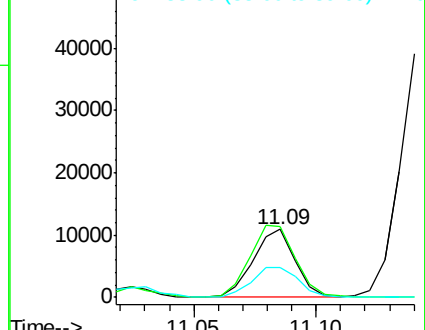
89 49.4 39.4 59.0



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: 19.53 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000533.D

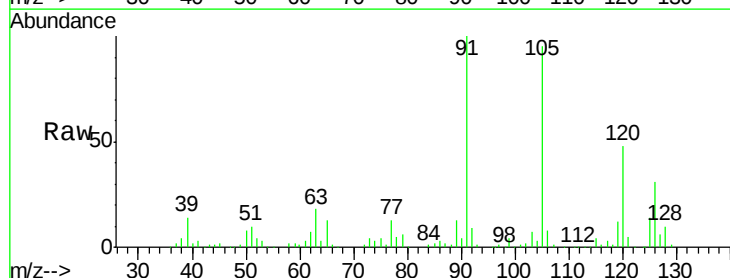
Acq: 30 Mar 2018 00:55

Tgt Ion: 91 Resp: 123603

Ion Ratio Lower Upper

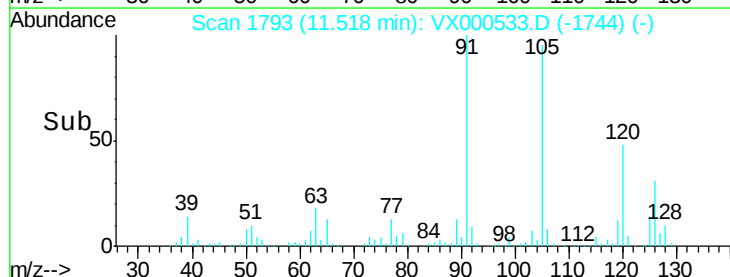
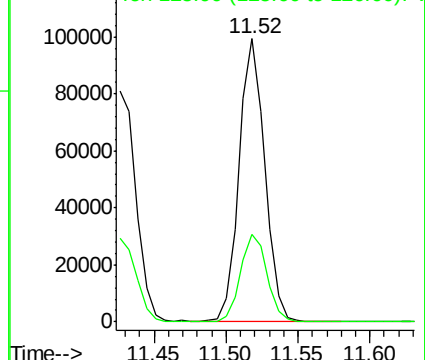
91 100

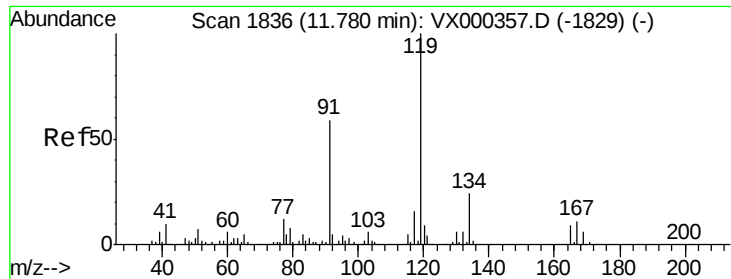
126 31.7 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

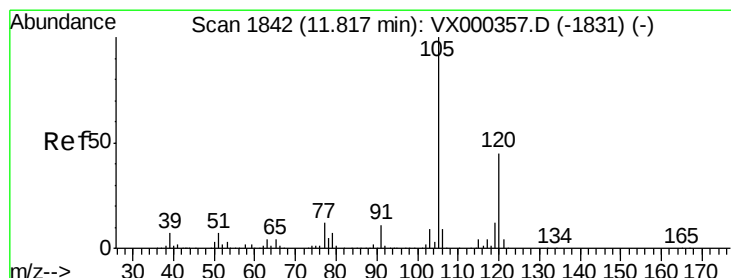
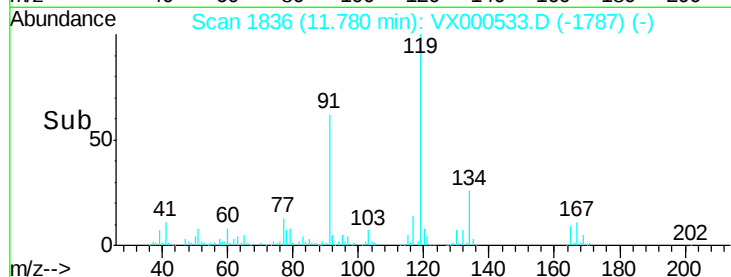
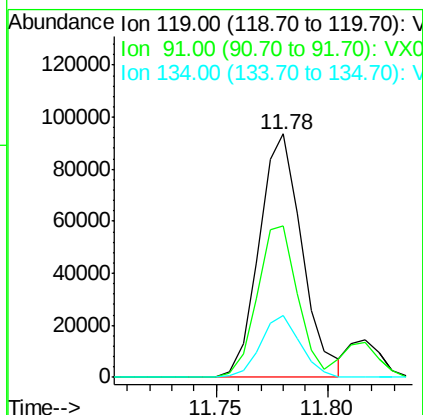
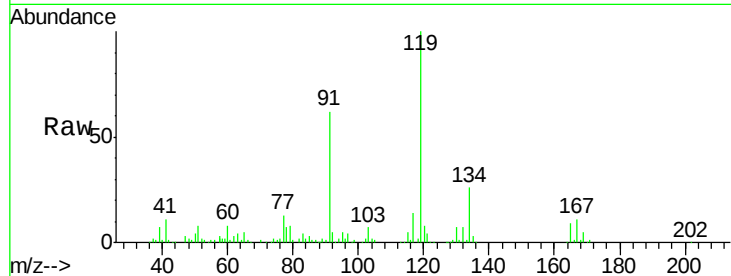




#83
 tert-Butylbenzene
 Concen: 19.18 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000533.D
 Acq: 30 Mar 2018 00:55

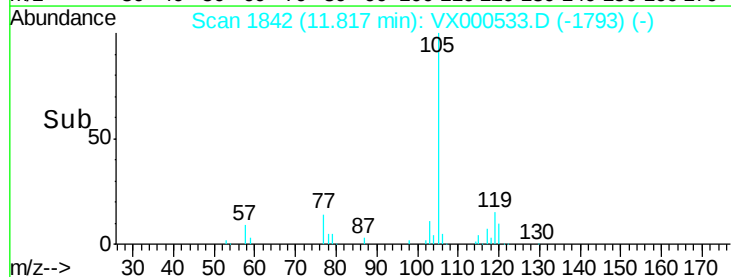
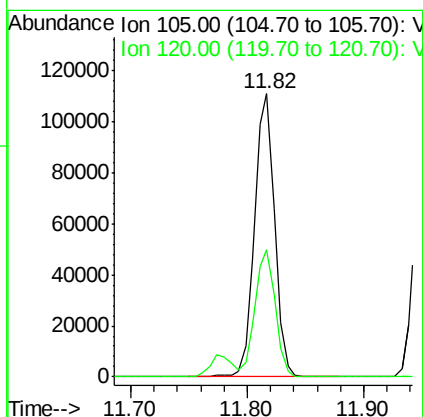
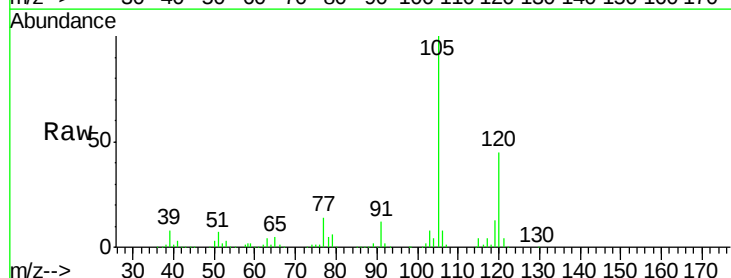
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS02

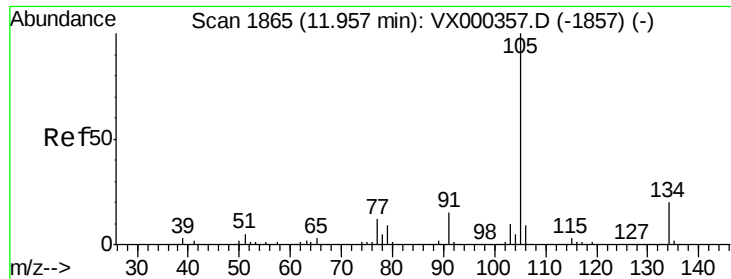
Tgt Ion:119 Resp: 125125
 Ion Ratio Lower Upper
 119 100
 91 59.1 28.8 86.4
 134 23.6 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.72 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000533.D
 Acq: 30 Mar 2018 00:55

Tgt Ion:105 Resp: 133751
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.4 67.3

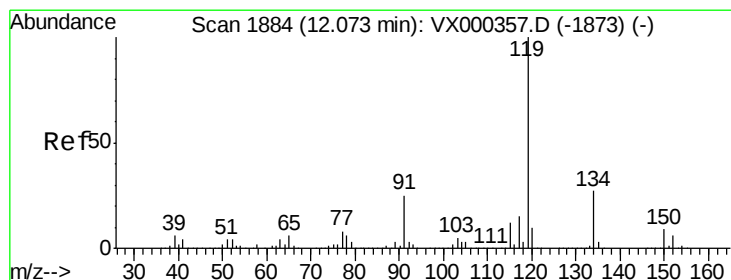
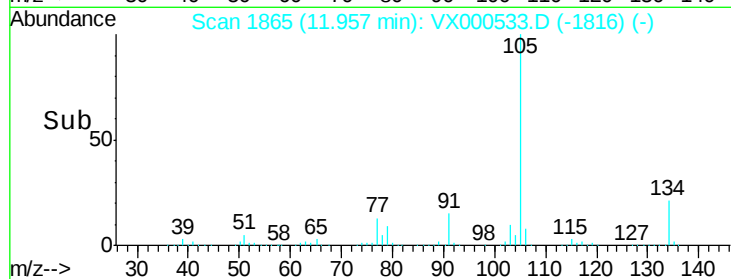
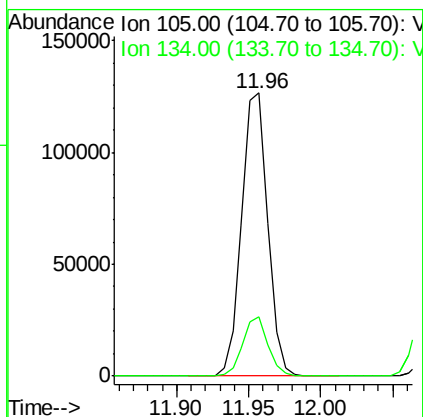
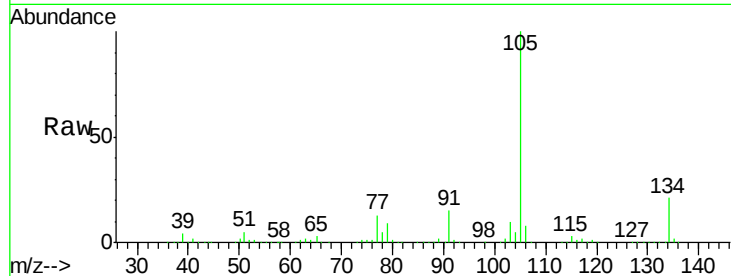




#85
 sec-Butylbenzene
 Concen: 19.65 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000533.D
 Acq: 30 Mar 2018 00:55

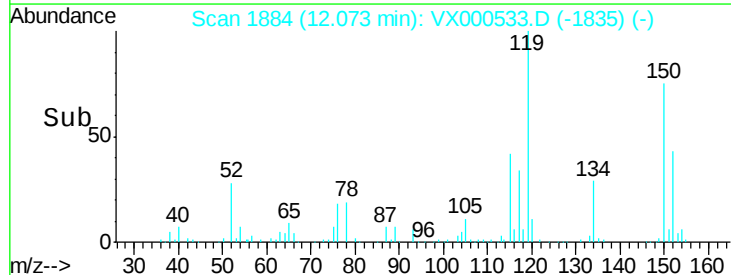
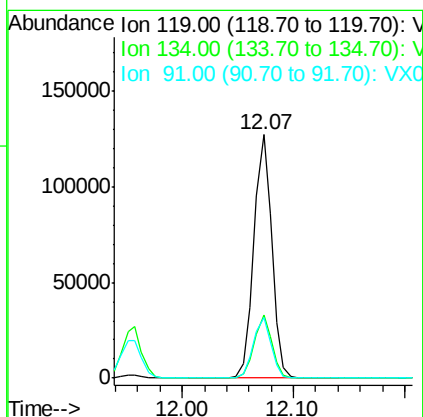
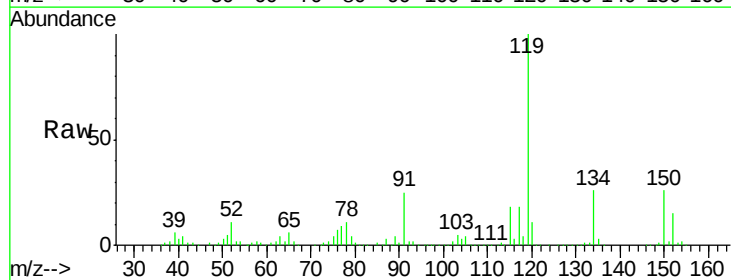
Instrument :
 MSVOA_X
 ClientSampled :
 VX0329WBS02

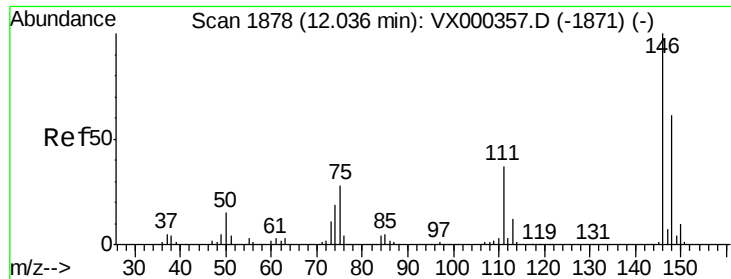
Tgt Ion:105 Resp: 158620
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 19.97 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000533.D
 Acq: 30 Mar 2018 00:55

Tgt Ion:119 Resp: 143198
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.3 39.9
 91 24.9 12.0 36.1

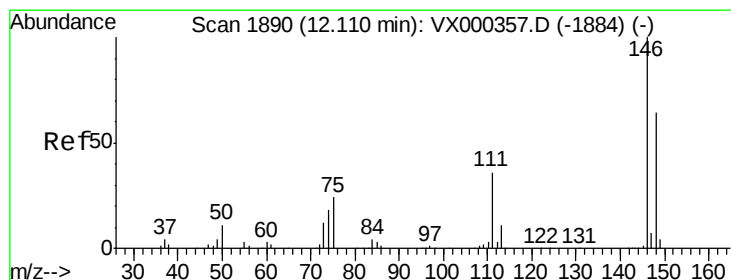
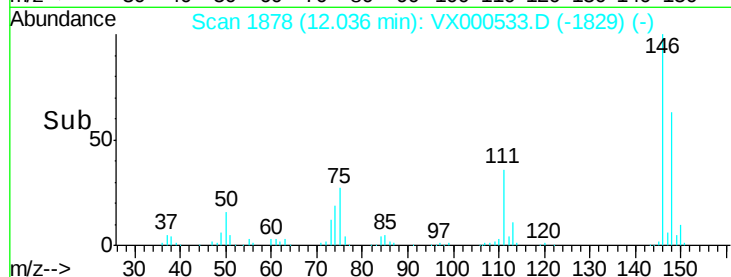
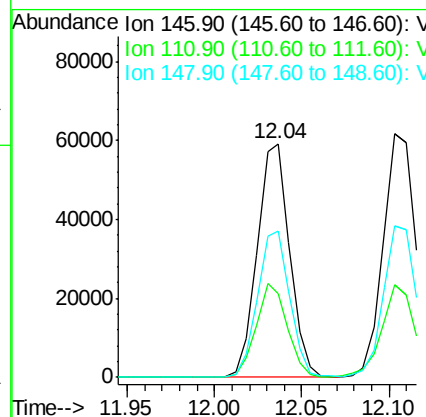
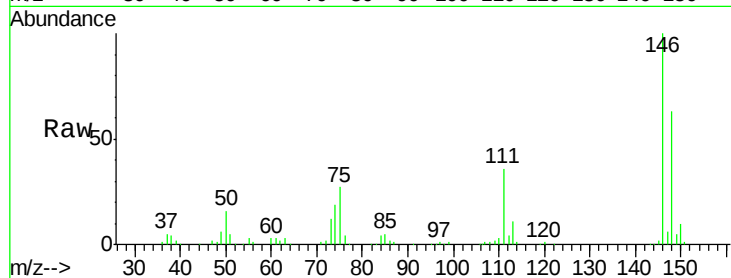




#87
 1,3-Dichlorobenzene
 Concen: 19.59 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000533.D
 Acq: 30 Mar 2018 00:55

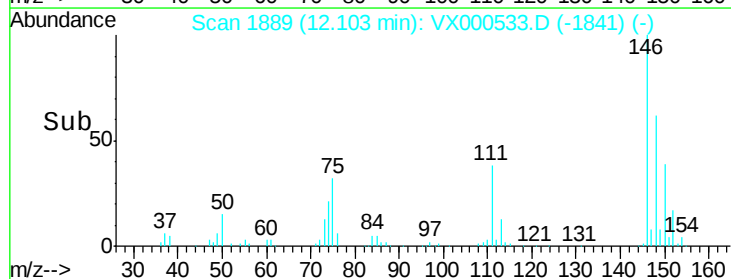
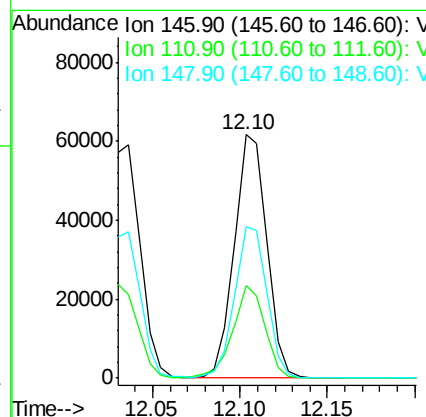
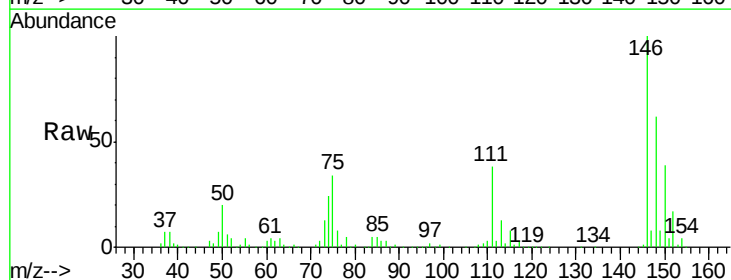
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS02

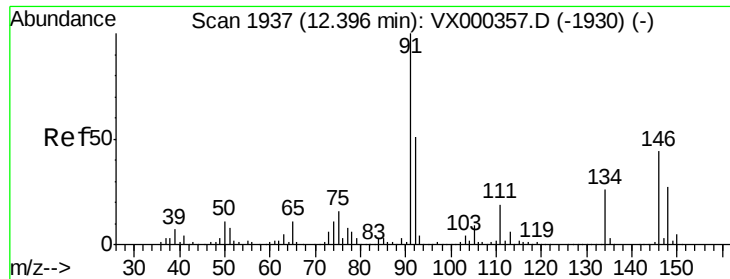
Tgt Ion:146 Resp: 75910
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.5 58.5
 148 62.4 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 19.55 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000533.D
 Acq: 30 Mar 2018 00:55

Tgt Ion:146 Resp: 79546
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.9 56.9
 148 62.0 31.0 93.0





#89

n-Butylbenzene

Concen: 19.87 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS02

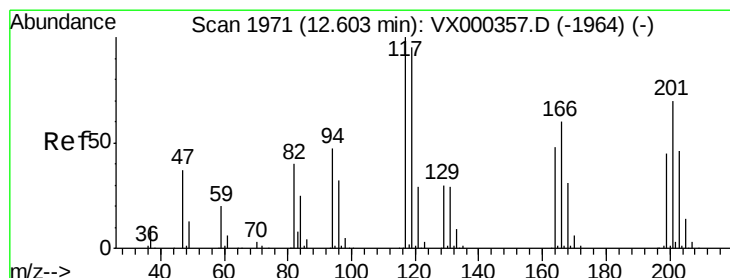
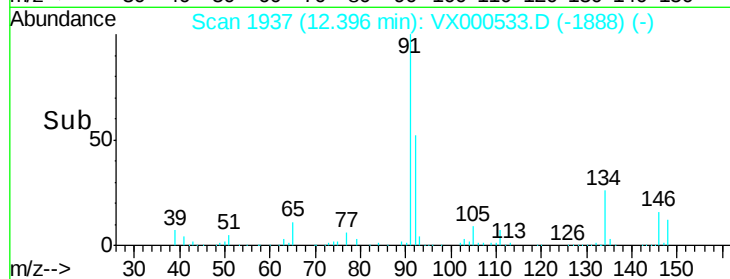
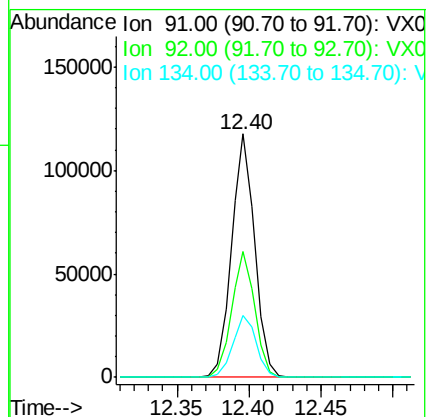
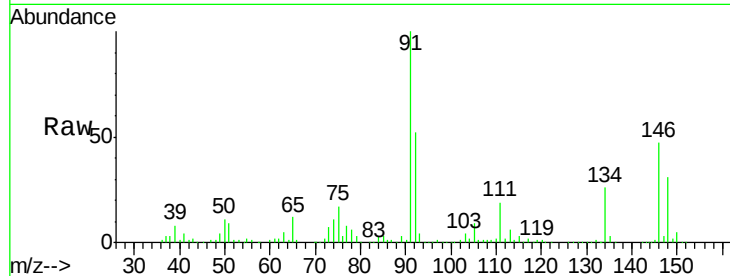
Tgt Ion: 91 Resp: 132684

Ion Ratio Lower Upper

91 100

92 51.6 25.9 77.8

134 26.0 13.1 39.3



#90

Hexachloroethane

Concen: 19.71 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000533.D

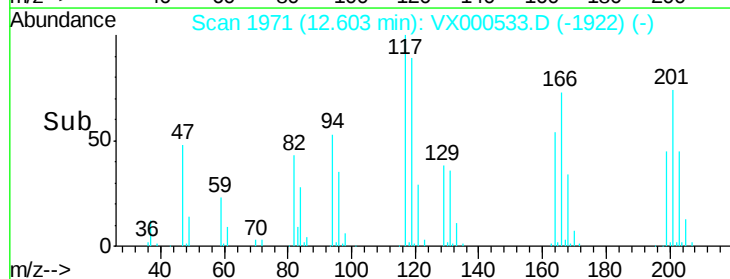
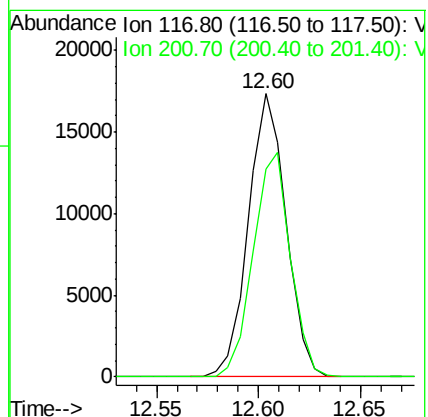
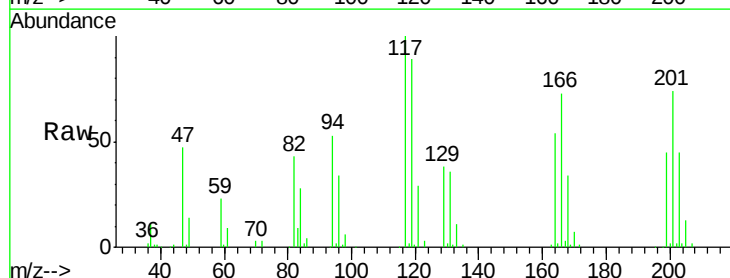
Acq: 30 Mar 2018 00:55

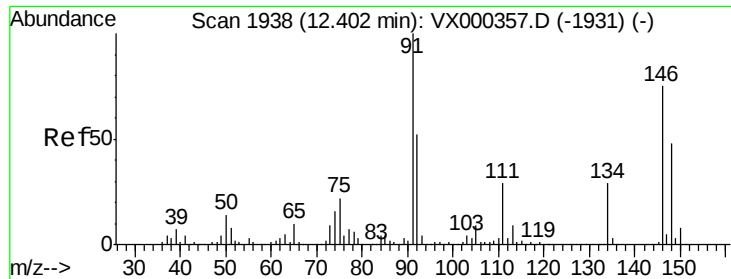
Tgt Ion: 117 Resp: 22248

Ion Ratio Lower Upper

117 100

201 79.0 37.9 113.6

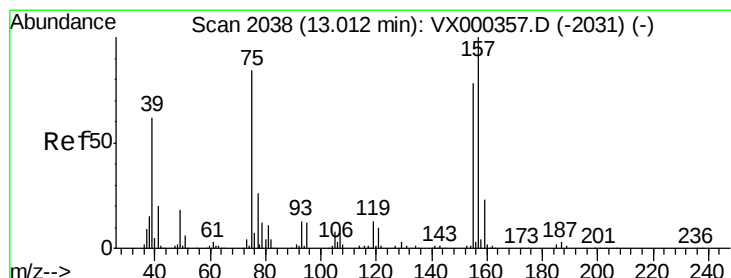
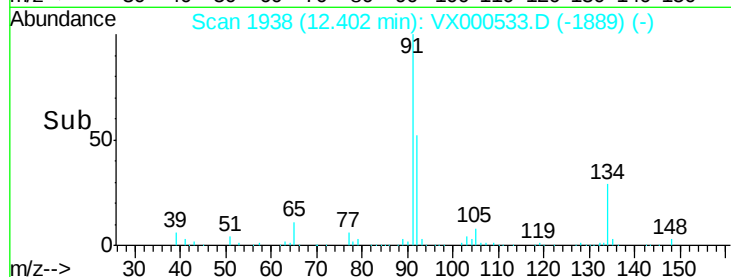
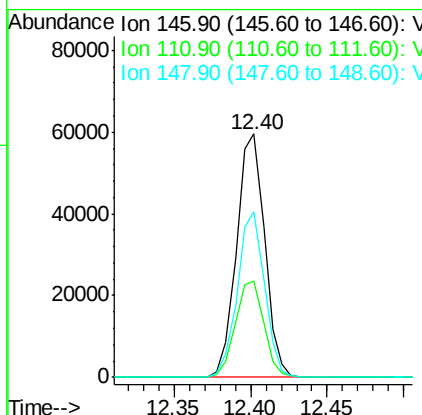
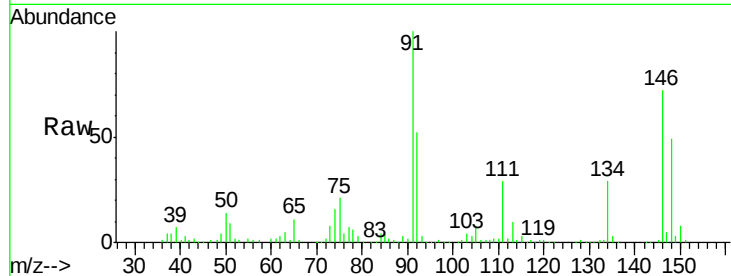




#91
 1,2-Dichlorobenzene
 Concen: 19.94 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000533.D
 Acq: 30 Mar 2018 00:55

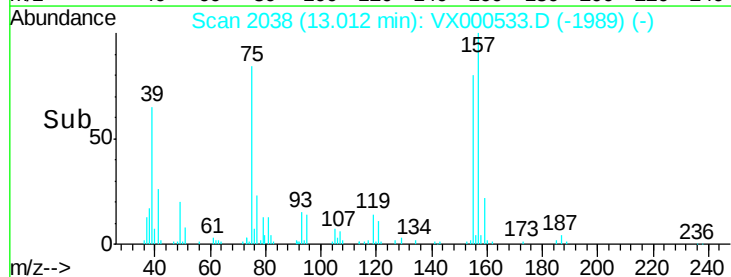
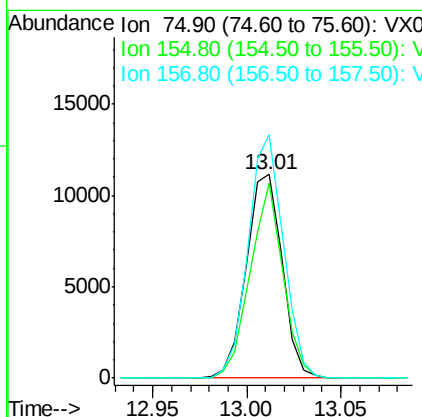
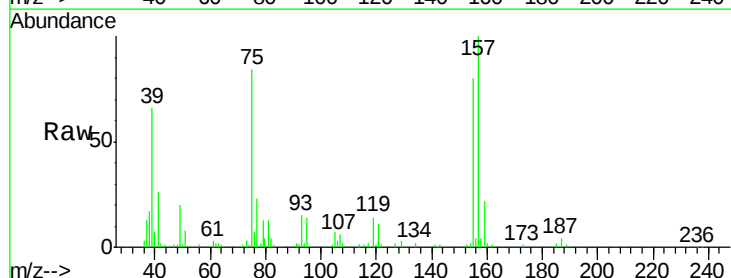
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS02

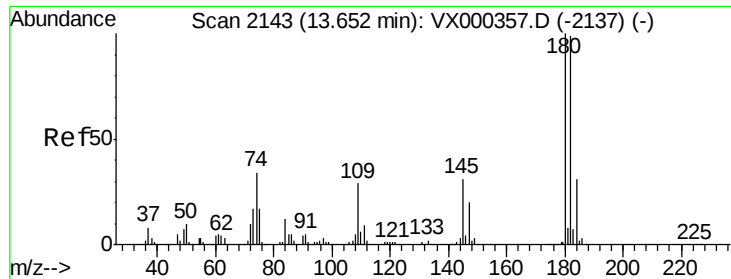
Tgt Ion:146 Resp: 75773
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.1 60.2
 148 65.8 31.2 93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.47 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000533.D
 Acq: 30 Mar 2018 00:55

Tgt Ion: 75 Resp: 14775
 Ion Ratio Lower Upper
 75 100
 155 87.2 45.0 134.8
 157 116.7 58.1 174.2

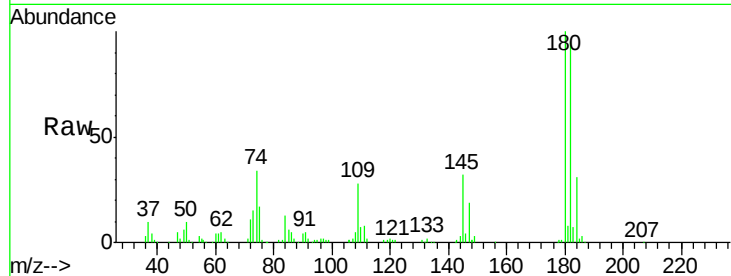




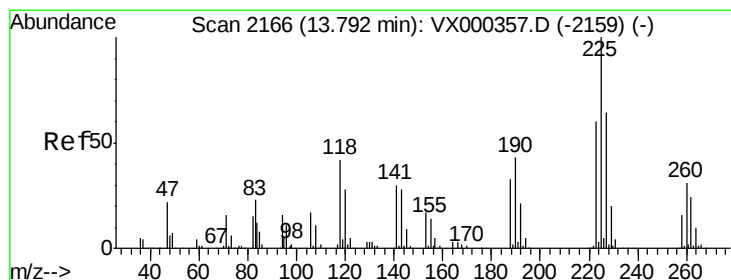
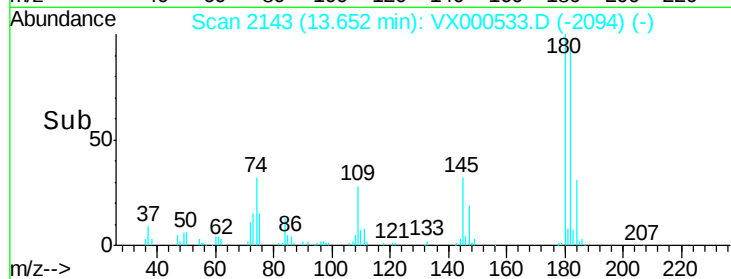
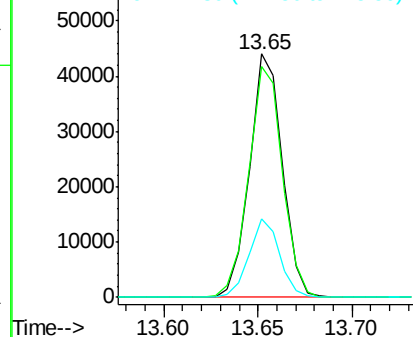
#93
 1,2,4-Trichlorobenzene
 Concen: 19.43 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000533.D
 Acq: 30 Mar 2018 00:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS02

Tgt Ion:180 Resp: 52929
 Ion Ratio Lower Upper
 180 100
 182 98.1 47.6 142.9
 145 30.4 15.1 45.3

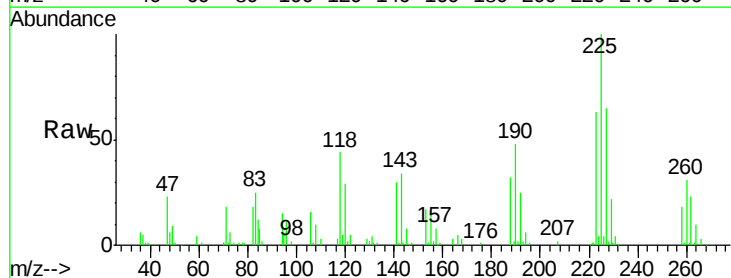


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

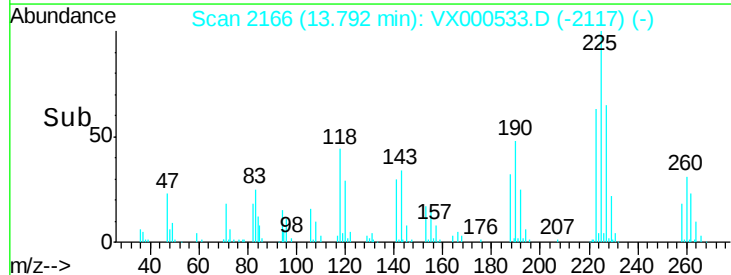
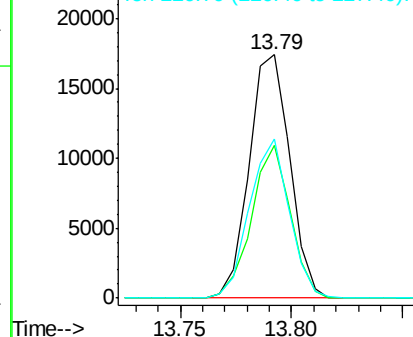


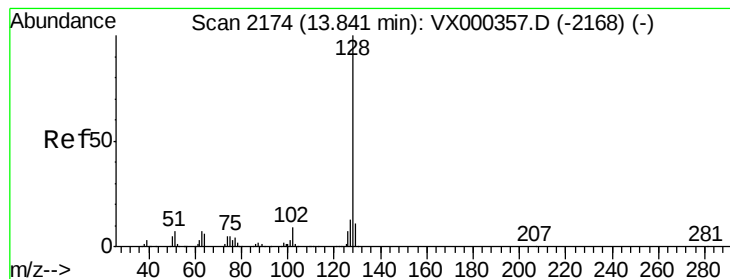
#94
 Hexachlorobutadiene
 Concen: 19.69 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000533.D
 Acq: 30 Mar 2018 00:55

Tgt Ion:225 Resp: 22210
 Ion Ratio Lower Upper
 225 100
 223 59.8 32.0 96.0
 227 63.8 32.6 98.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.52 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS02

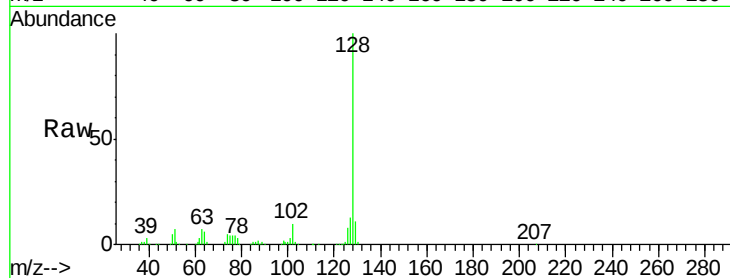
Tgt Ion:128 Resp: 194709

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

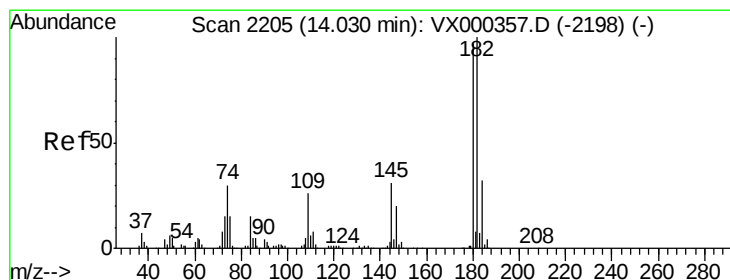
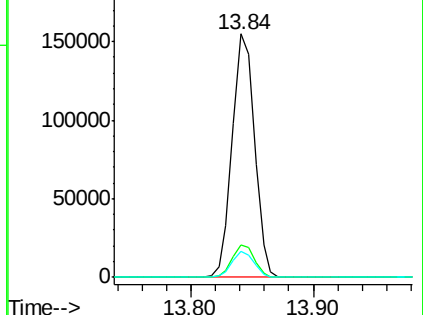
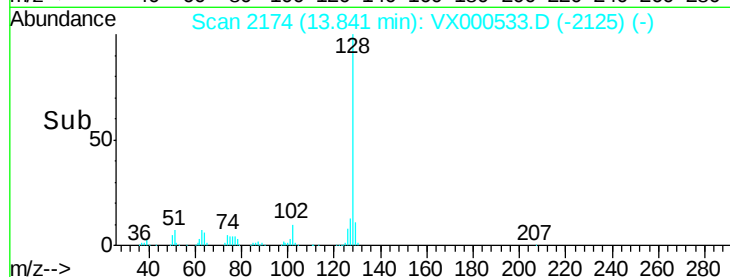
129 10.5 8.9 13.3



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: 20.83 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000533.D

Acq: 30 Mar 2018 00:55

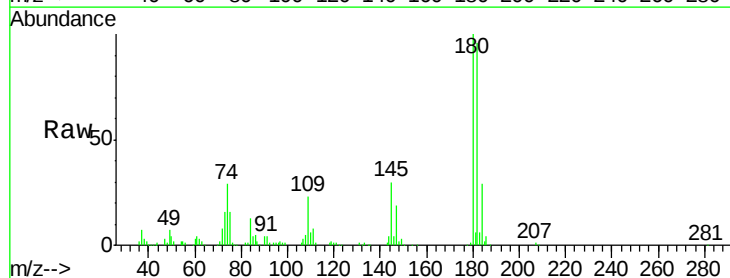
Tgt Ion:180 Resp: 56080

Ion Ratio Lower Upper

180 100

182 94.5 47.4 142.3

145 30.1 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

