

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040218\
 Data File : VX000635.D
 Acq On : 02 Apr 2018 12:43
 Operator : JC/MD
 Sample : VV0402WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

Quant Time: Apr 03 02:38:52 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	168752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	269838	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	293701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184792	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	94614	42.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.90%	
35) Dibromofluoromethane	5.51	113	73743	43.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.74%	
50) Toluene-d8	8.72	98	319989	45.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.88%	
62) 4-Bromofluorobenzene	11.14	95	130868	44.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	28889	15.53	ug/l	96
3) Chloromethane	1.32	50	26887	13.72	ug/l	97
4) Vinyl Chloride	1.41	62	35392	17.10	ug/l	99
5) Bromomethane	1.65	94	30793	12.46	ug/l	91
6) Chloroethane	1.73	64	23612	19.88	ug/l	100
7) Trichlorofluoromethane	1.94	101	62749	16.79	ug/l	98
8) Diethyl Ether	2.20	74	22124	16.57	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	36193	17.37	ug/l	96
10) Methyl Iodide	2.52	142	16173	11.44	ug/l	97
11) Tert butyl alcohol	3.06	59	64100	84.60	ug/l	99
12) 1,1-Dichloroethene	2.38	96	30926	16.91	ug/l	99
13) Acrolein	2.30	56	31996	139.12	ug/l	99
14) Allyl chloride	2.73	41	55729	17.18	ug/l	96
15) Acrylonitrile	3.15	53	128642	83.82	ug/l	100
16) Acetone	2.45	43	157353	85.87	ug/l	97
17) Carbon Disulfide	2.58	76	74660	15.35	ug/l	97
18) Methyl Acetate	2.78	43	63851	16.62	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	117234	17.33	ug/l	97
20) Methylene Chloride	2.87	84	36532	17.26	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	32858	16.10	ug/l	98
22) Diisopropyl ether	3.87	45	112723	19.71	ug/l	98
23) Vinyl Acetate	3.83	43	534221	98.55	ug/l	99
24) 1,1-Dichloroethane	3.70	63	62214	17.31	ug/l	99
25) 2-Butanone	4.71	43	168672	81.89	ug/l	100
26) 2,2-Dichloropropane	4.59	77	41912	16.63	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	31234	16.38	ug/l	97
28) Bromochloromethane	5.03	49	28843	19.46	ug/l	100
29) Tetrahydrofuran	5.17	42	102814	81.13	ug/l	98
30) Chloroform	5.22	83	57894	17.18	ug/l	99
31) Cyclohexane	5.59	56	44362	15.96	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	50612	16.65	ug/l	100
36) 1,1-Dichloropropene	5.81	75	42480	16.81	ug/l	98
37) Ethyl Acetate	4.87	43	56011	16.22	ug/l	99
38) Carbon Tetrachloride	5.79	117	43321	16.34	ug/l	97

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 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	53004	17.24	ug/l	98
40) Benzene	6.15	78	124834	17.01	ug/l	99
41) Methacrylonitrile	5.07	41	29254	16.07	ug/l	99
42) 1,2-Dichloroethane	6.21	62	50020	17.37	ug/l	98
43) Isopropyl Acetate	6.47	43	87762	17.08	ug/l	99
44) Trichloroethene	7.22	130	36900	17.55	ug/l	89
45) 1,2-Dichloropropane	7.52	63	33847	18.01	ug/l	97
46) Dibromomethane	7.67	93	26002	17.63	ug/l	98
47) Bromodichloromethane	7.91	83	47955	18.48	ug/l	98
48) Methyl methacrylate	7.79	41	44478	17.83	ug/l	98
49) 1,4-Dioxane	7.76	88	19045	363.13	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	355476	89.36	ug/l	99
52) Toluene	8.79	92	92756	18.08	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	53844	17.91	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	52072	17.85	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	38840	18.41	ug/l	98
56) Ethyl methacrylate	9.19	69	55591	17.38	ug/l	97
57) 1,3-Dichloropropane	9.38	76	62522	18.52	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	123189	80.27	ug/l	99
59) 2-Hexanone	9.51	43	308880	91.44	ug/l	99
60) Dibromochloromethane	9.59	129	40070	18.84	ug/l	98
61) 1,2-Dibromoethane	9.68	107	41615	18.39	ug/l	99
64) Tetrachloroethene	9.34	164	38076	16.71	ug/l	97
65) Chlorobenzene	10.15	112	113929	17.43	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	39229	17.67	ug/l	99
67) Ethyl Benzene	10.26	91	196399	17.73	ug/l	98
68) m/p-Xylenes	10.37	106	153046	35.10	ug/l	98
69) o-Xylene	10.71	106	76359	18.09	ug/l	97
70) Styrene	10.72	104	124631	17.84	ug/l	99
71) Bromoform	10.87	173	33280	17.79	ug/l #	93
73) Isopropylbenzene	11.02	105	207828	16.97	ug/l	99
74) N-amyl acetate	6.47	43	87762	14.08	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	72572	16.76	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	83758	21.09	ug/l	80
77) Bromobenzene	11.26	156	50862	15.59	ug/l	97
78) n-propylbenzene	11.37	91	254933	17.46	ug/l	97
79) 2-Chlorotoluene	11.43	91	140163	16.62	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	182233	17.70	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	18917	15.42	ug/l	93
82) 4-Chlorotoluene	11.52	91	175197	17.40	ug/l	99
83) tert-Butylbenzene	11.78	119	178837	17.22	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	189582	17.56	ug/l	100
85) sec-Butylbenzene	11.95	105	232008	18.06	ug/l	98
86) p-Isopropyltoluene	12.07	119	208166	18.24	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	102771	16.66	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	112434	17.36	ug/l	98
89) n-Butylbenzene	12.40	91	202007	19.02	ug/l	99
90) Hexachloroethane	12.60	117	31220	17.38	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	107322	17.75	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19889	16.47	ug/l	97

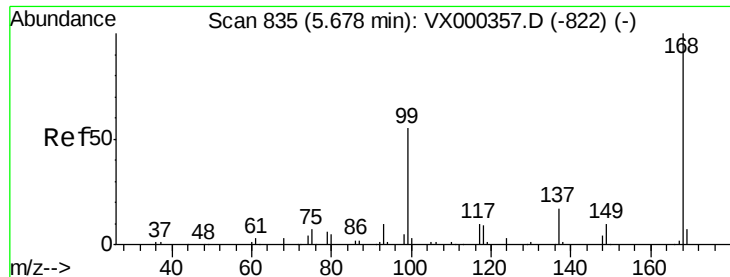
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040218\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	78009	18.00	ug/l	99
94) Hexachlorobutadiene	13.79	225	31870	17.76	ug/l	96
95) Naphthalene	13.84	128	265214	17.56	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	78283	18.28	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

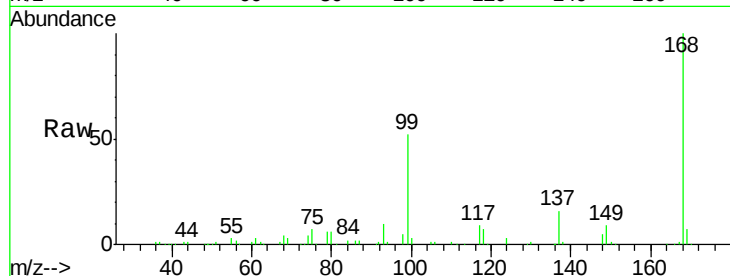
VX0402WBS01

Tgt Ion:168 Resp: 168752

Ion Ratio Lower Upper

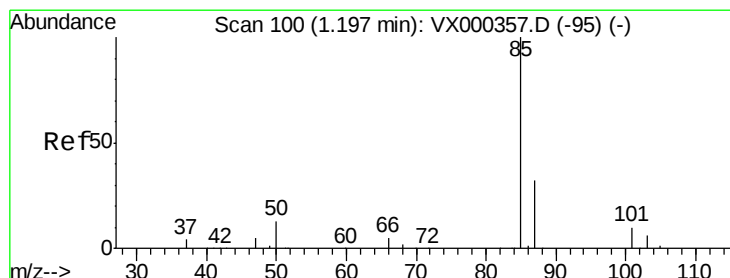
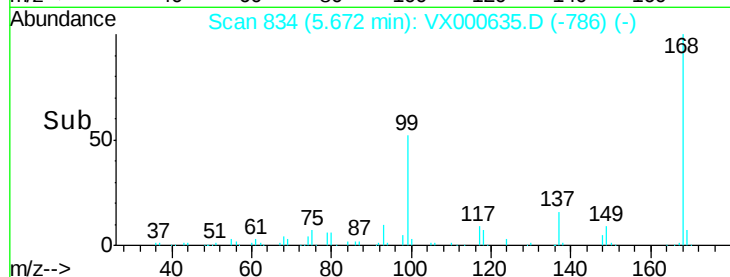
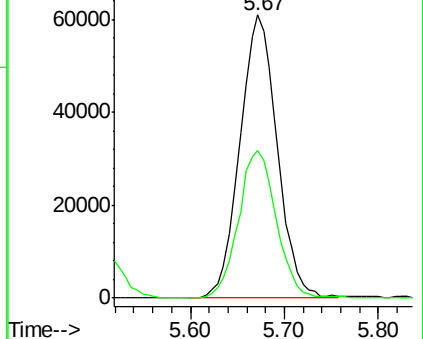
168 100

99 52.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 15.53 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000635.D

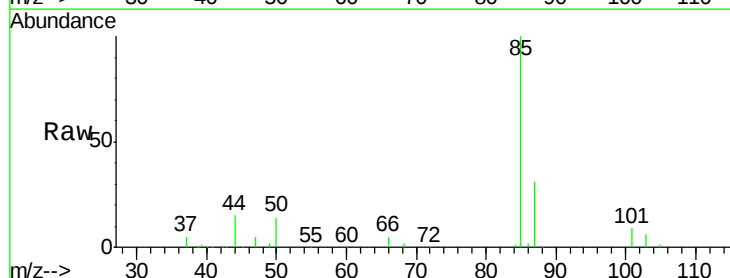
Acq: 02 Apr 2018 12:43

Tgt Ion: 85 Resp: 28889

Ion Ratio Lower Upper

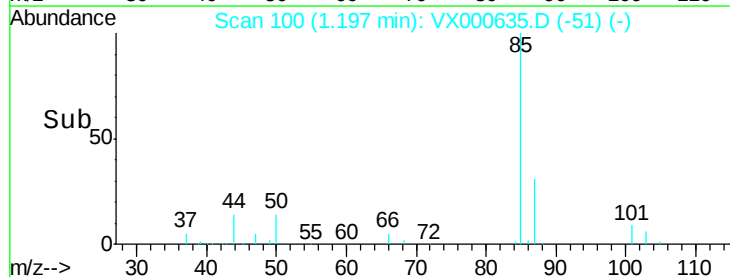
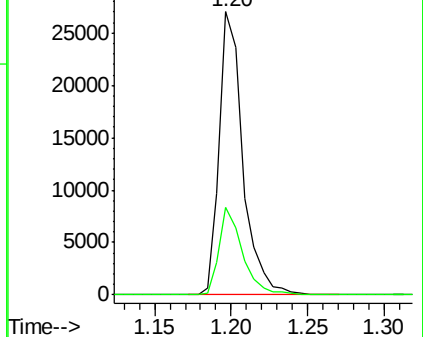
85 100

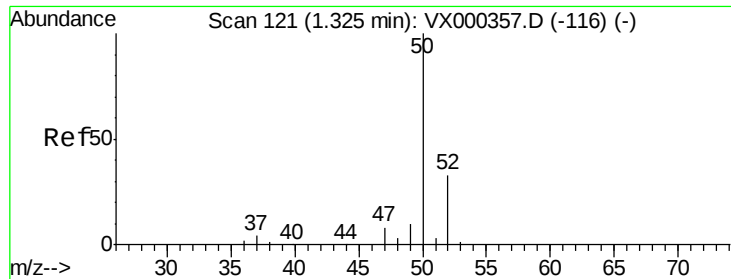
87 31.0 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 13.72 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

Instrument :

MSVOA_X

ClientSampled :

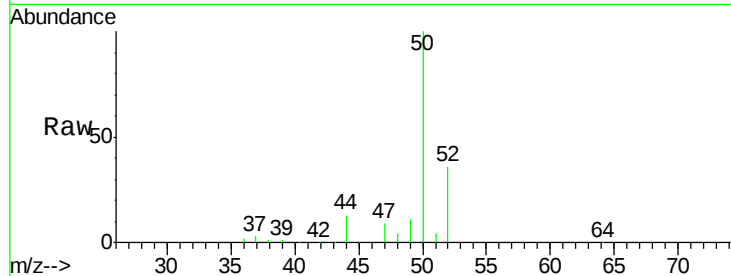
VX0402WBS01

Tgt Ion: 50 Resp: 26887

Ion Ratio Lower Upper

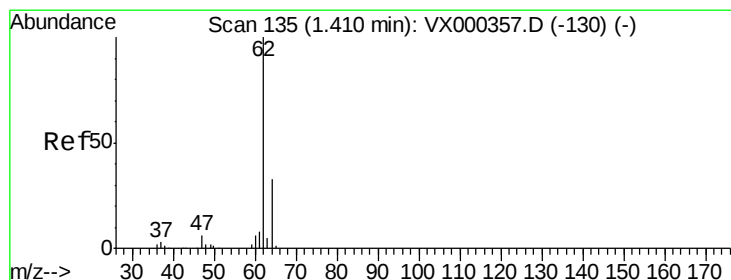
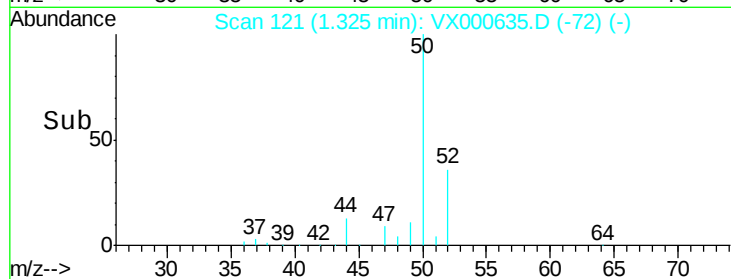
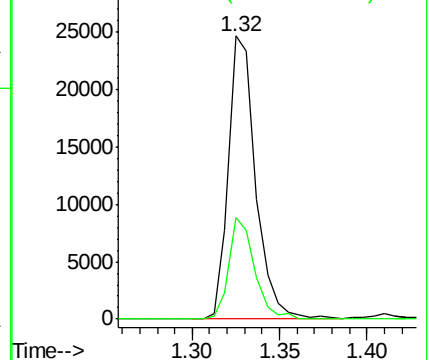
50 100

52 35.9 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: 17.10 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000635.D

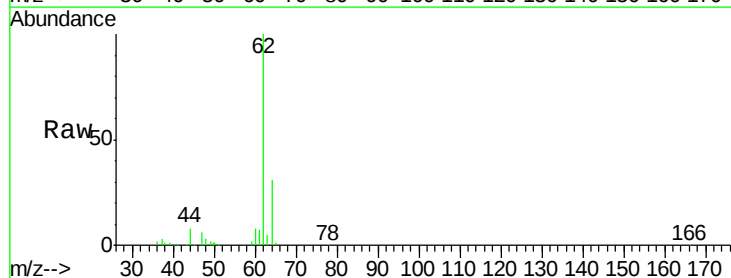
Acq: 02 Apr 2018 12:43

Tgt Ion: 62 Resp: 35392

Ion Ratio Lower Upper

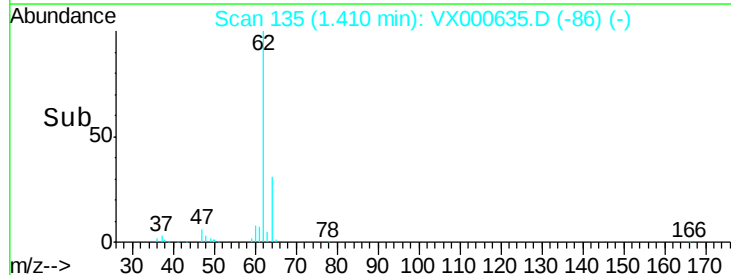
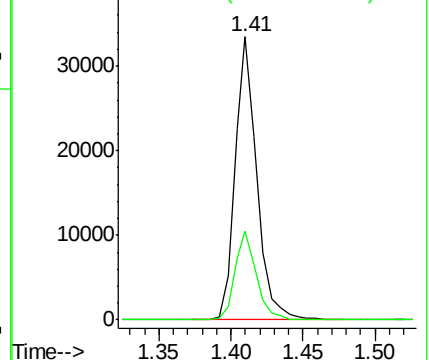
62 100

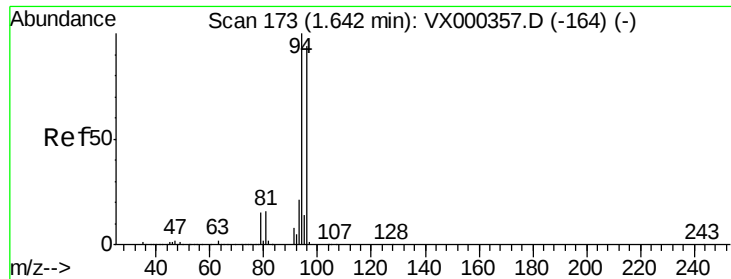
64 31.5 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 12.46 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

Instrument :

MSVOA_X

ClientSampled :

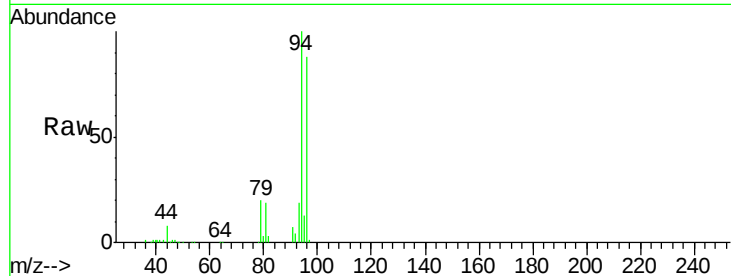
VX0402WBS01

Tgt Ion: 94 Resp: 30793

Ion Ratio Lower Upper

94 100

96 87.8 77.7 116.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

25000

20000

15000

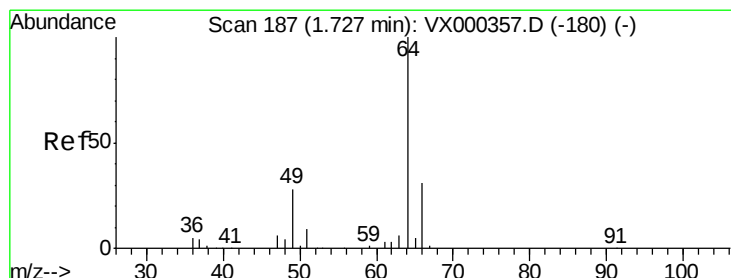
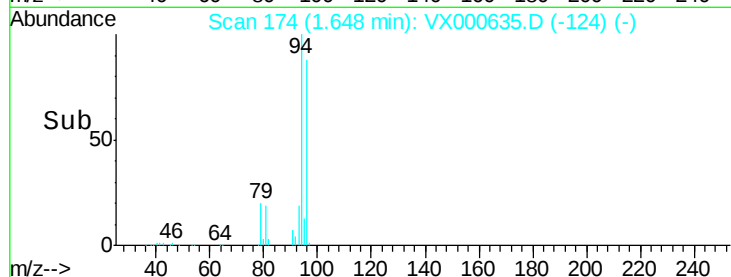
10000

5000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 19.88 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000635.D

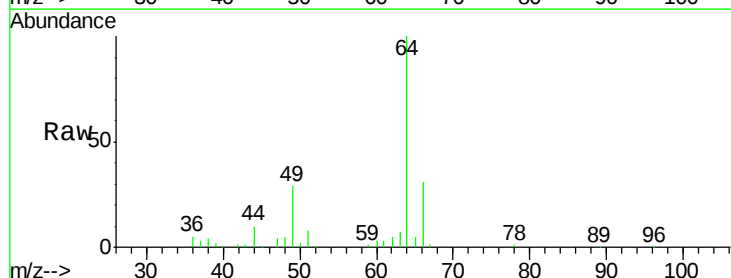
Acq: 02 Apr 2018 12:43

Tgt Ion: 64 Resp: 23612

Ion Ratio Lower Upper

64 100

66 30.8 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

15000

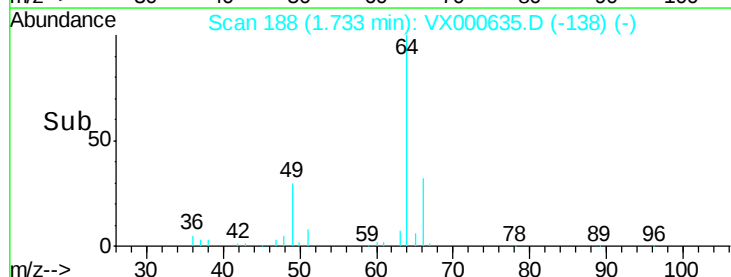
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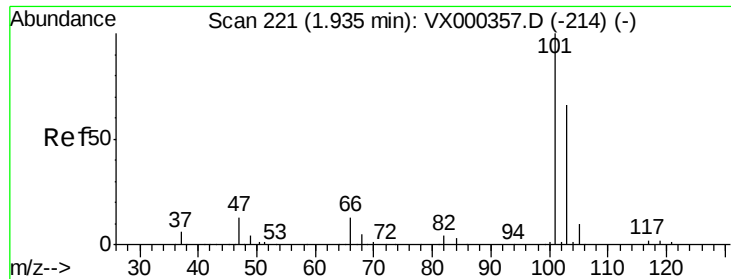
5000

0

Time-->

1.65 1.70 1.75 1.80 1.85



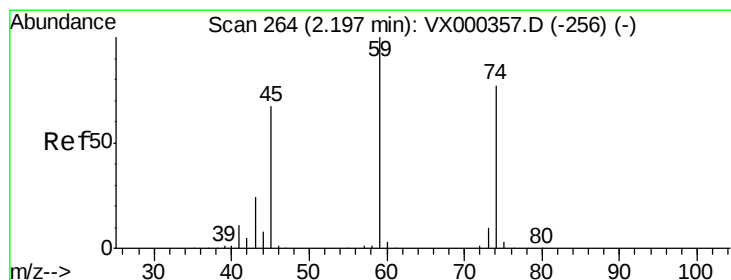
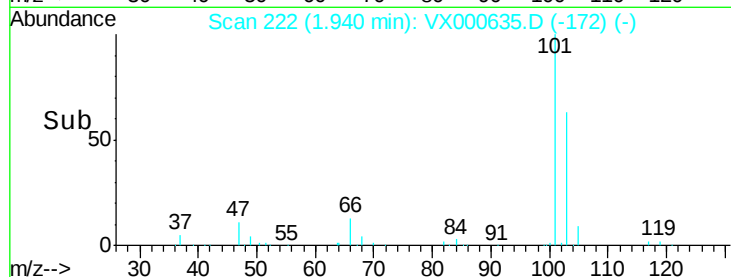
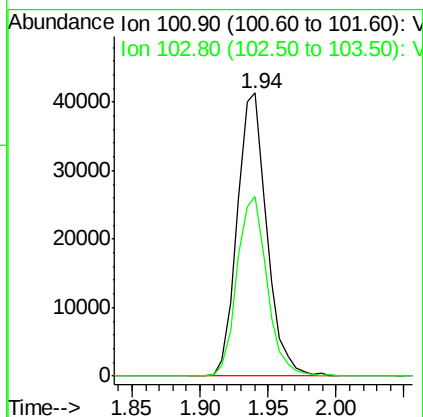
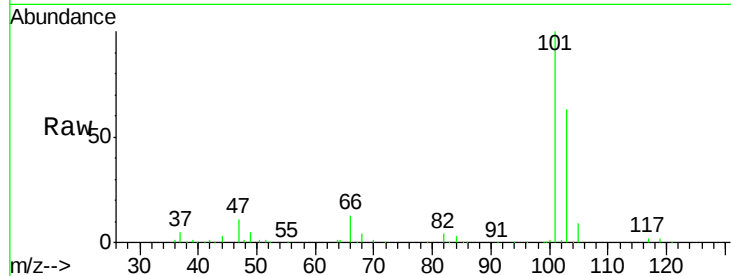


#7

Trichlorofluoromethane
 Concen: 16.79 ug/l
 RT: 1.94 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: VX000635.D
 Acq: 02 Apr 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

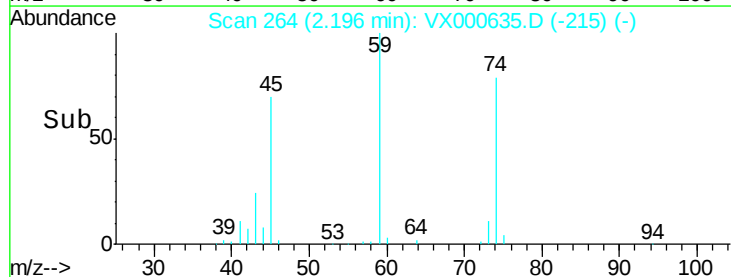
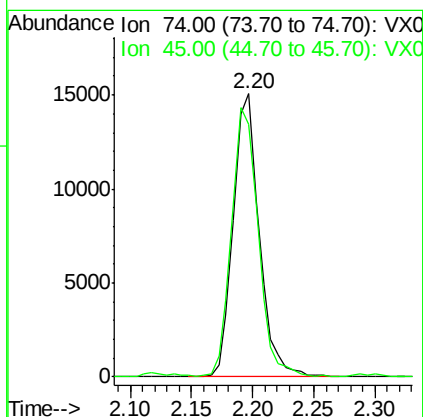
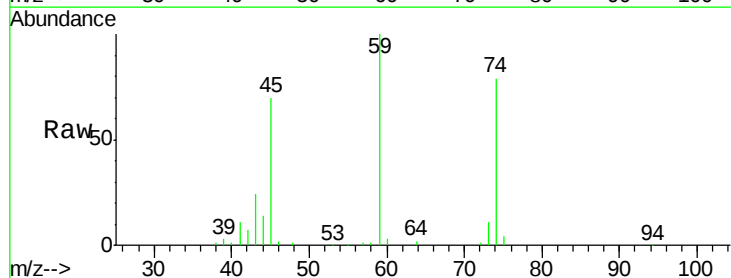
Tgt Ion:101 Resp: 62749
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.6 77.4

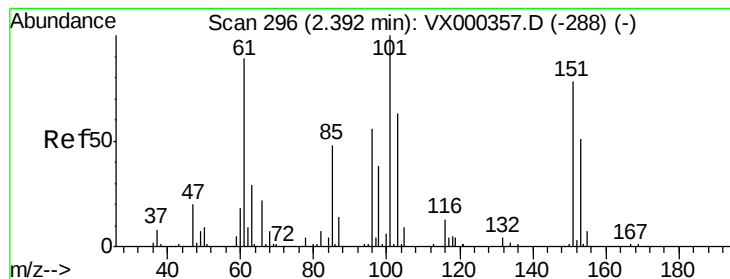


#8

Diethyl Ether
 Concen: 16.57 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. -0.00 min
 Lab File: VX000635.D
 Acq: 02 Apr 2018 12:43

Tgt Ion: 74 Resp: 22124
 Ion Ratio Lower Upper
 74 100
 45 97.6 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.37 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

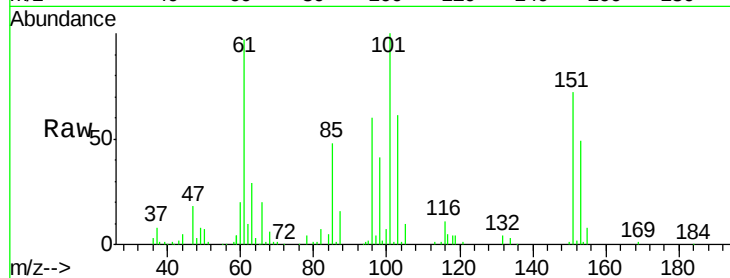
Tgt Ion:101 Resp: 36193

Ion Ratio Lower Upper

101 100

85 50.4 37.6 56.4

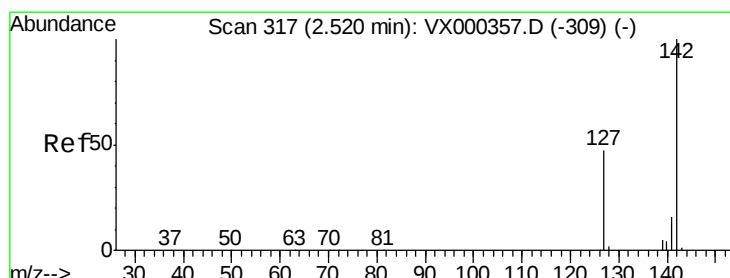
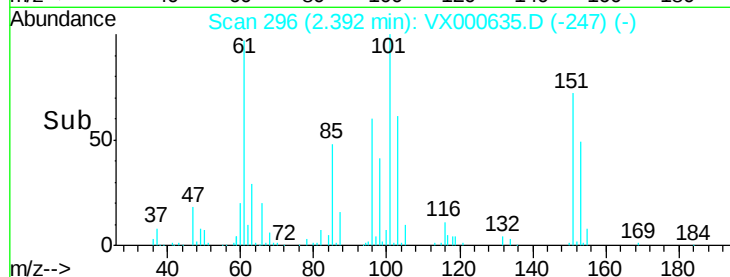
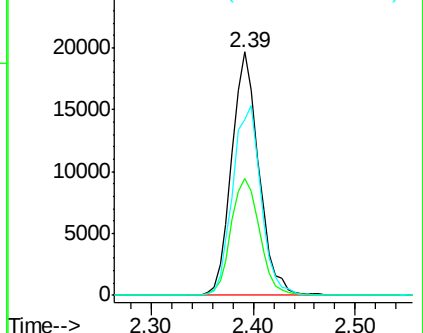
151 80.8 62.6 93.8



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: 11.44 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

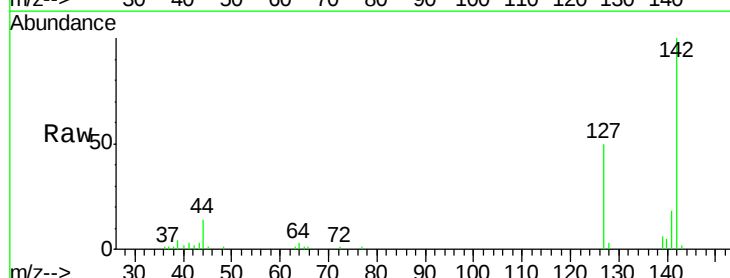
Tgt Ion:142 Resp: 16173

Ion Ratio Lower Upper

142 100

127 46.5 39.2 58.8

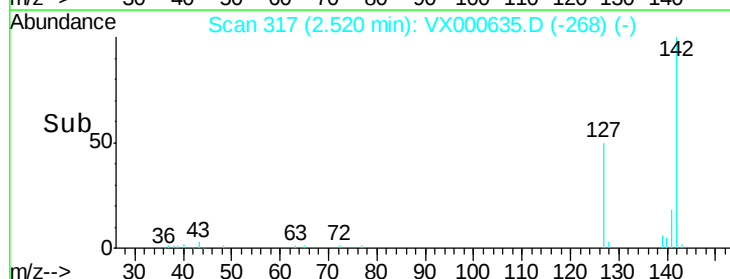
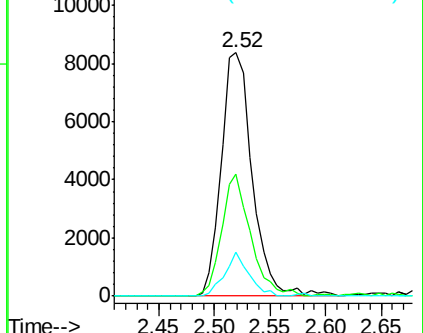
141 14.1 11.7 17.5

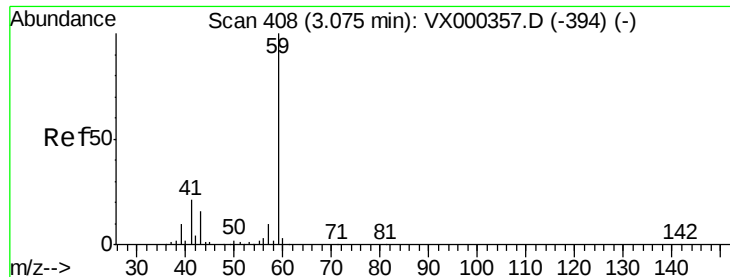


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

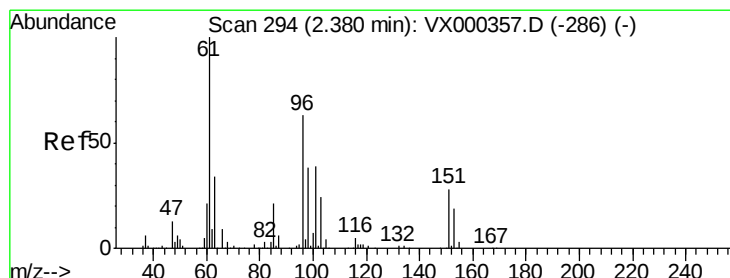
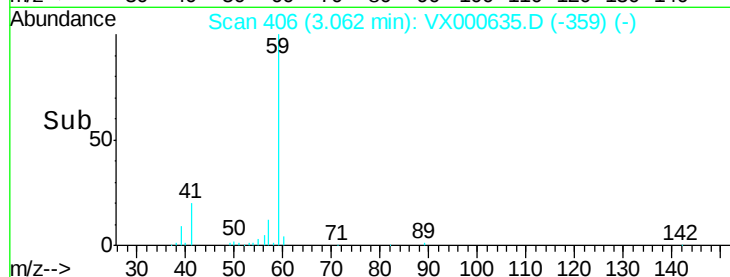
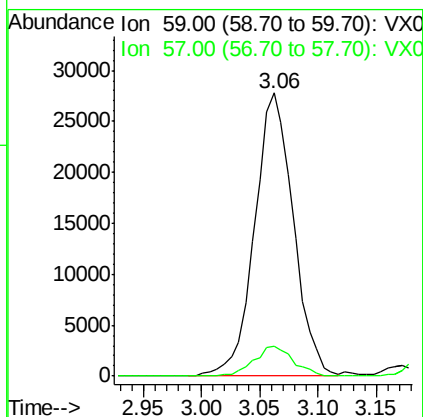
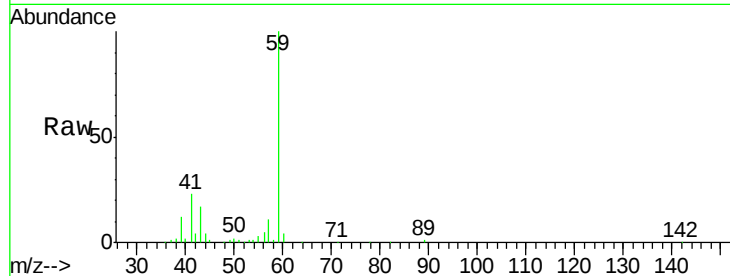




#11
Tert butyl alcohol
Concen: 84.60 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.01 min
Lab File: VX000635.D
Acq: 02 Apr 2018 12:43

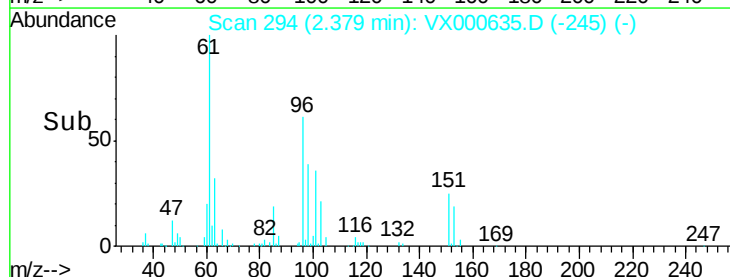
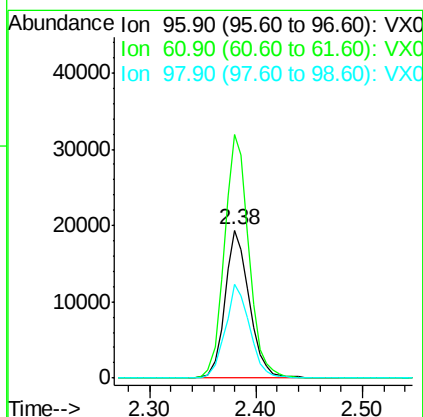
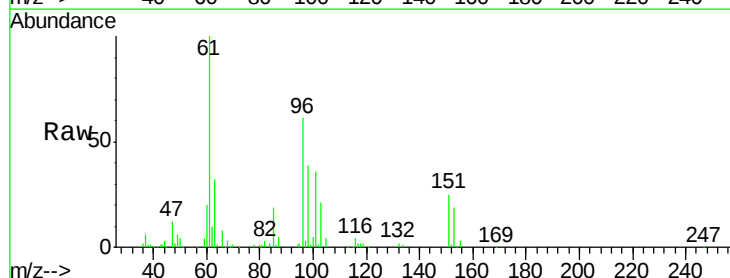
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

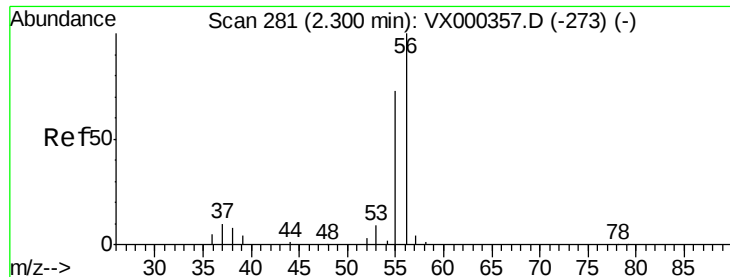
Tgt Ion: 59 Resp: 64100
Ion Ratio Lower Upper
59 100
57 10.8 8.4 12.6



#12
1,1-Dichloroethene
Concen: 16.91 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000635.D
Acq: 02 Apr 2018 12:43

Tgt Ion: 96 Resp: 30926
Ion Ratio Lower Upper
96 100
61 164.5 131.2 196.8
98 63.7 49.8 74.8





#13

Acrolein

Concen: 139.12 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

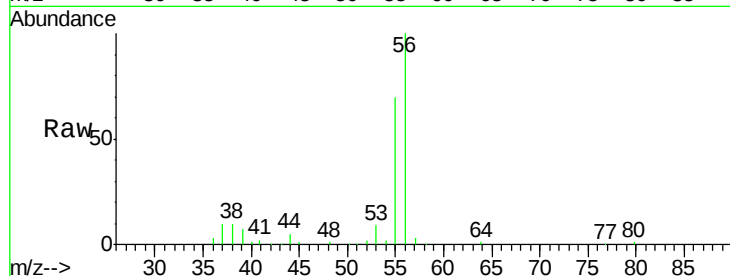
VX0402WBS01

Tgt Ion: 56 Resp: 31996

Ion Ratio Lower Upper

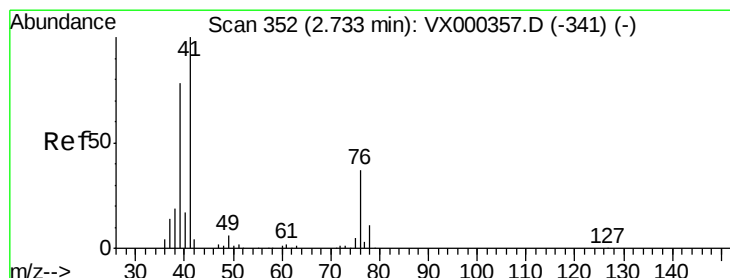
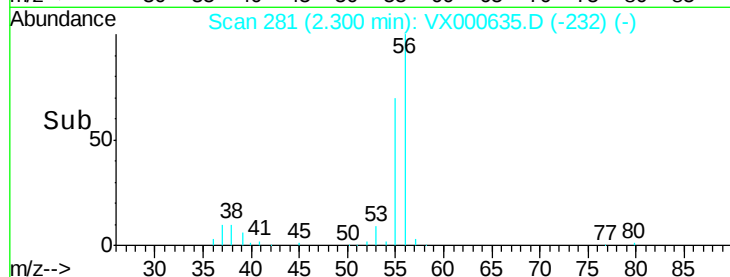
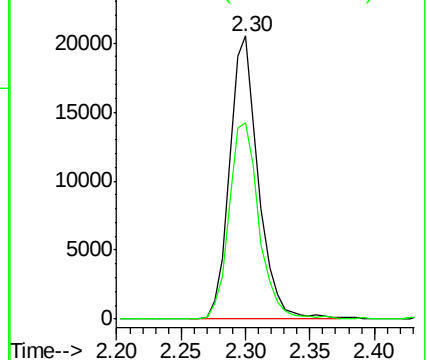
56 100

55 72.9 58.8 88.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 17.18 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

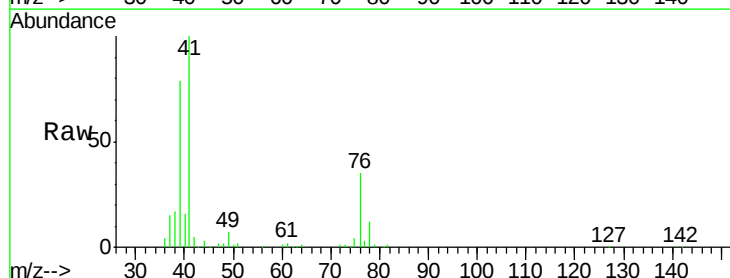
Tgt Ion: 41 Resp: 55729

Ion Ratio Lower Upper

41 100

39 75.3 57.6 86.4

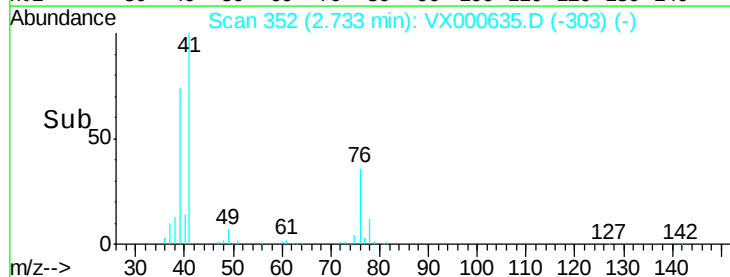
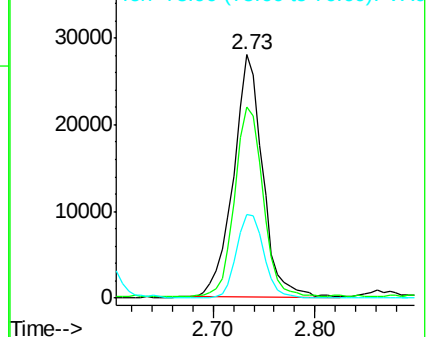
76 32.5 27.3 40.9

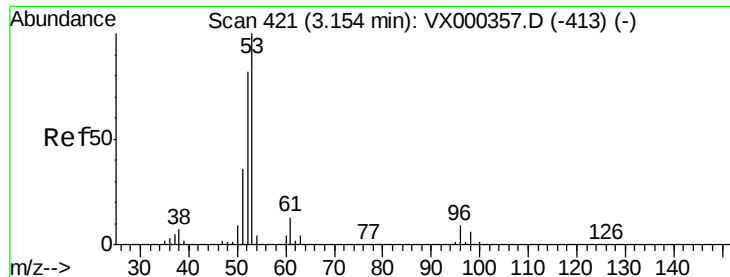


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 83.82 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

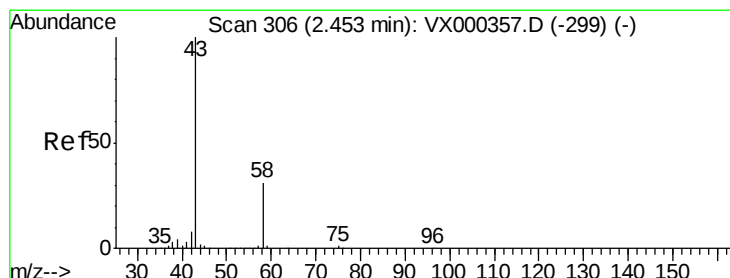
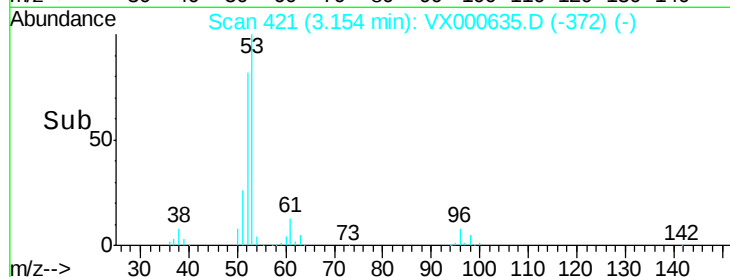
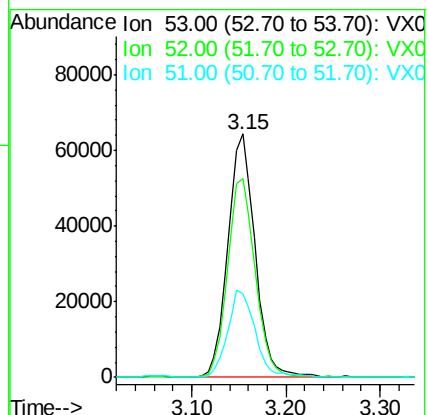
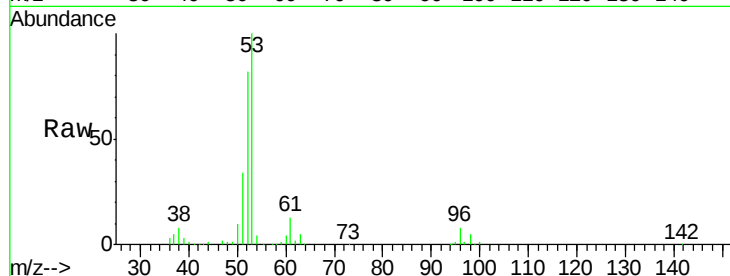
Tgt Ion: 53 Resp: 128642

Ion Ratio Lower Upper

53 100

52 83.6 66.6 99.8

51 36.7 29.3 43.9



#16

Acetone

Concen: 85.87 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000635.D

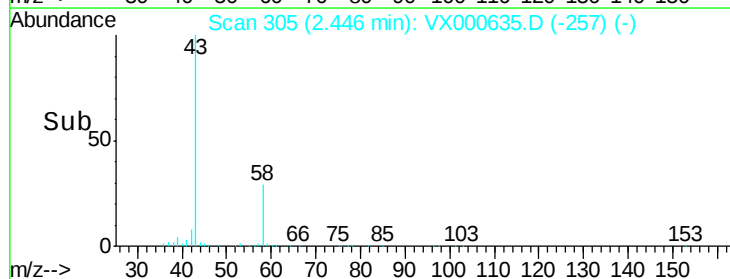
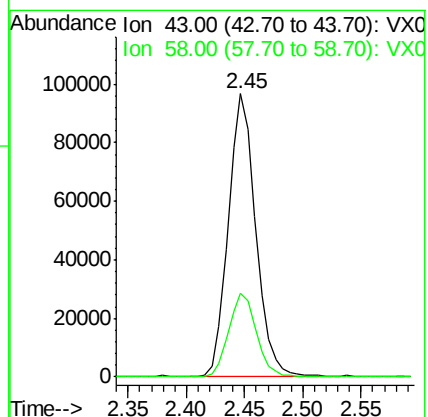
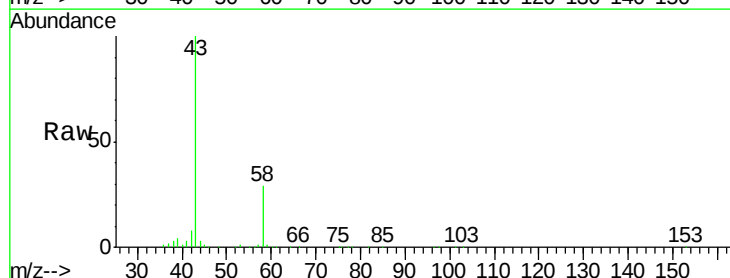
Acq: 02 Apr 2018 12:43

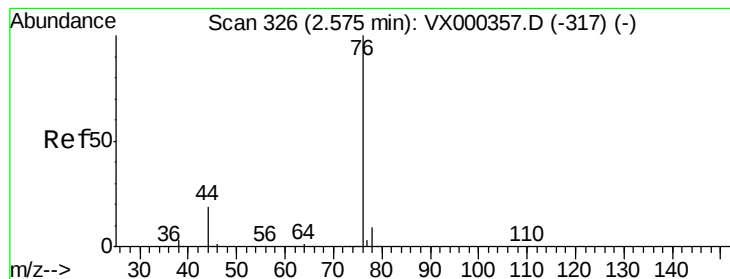
Tgt Ion: 43 Resp: 157353

Ion Ratio Lower Upper

43 100

58 29.4 24.7 37.1





#17

Carbon Disulfide

Concen: 15.35 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

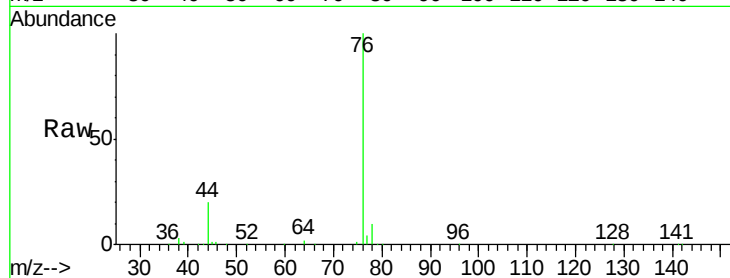
VX0402WBS01

Tgt Ion: 76 Resp: 74660

Ion Ratio Lower Upper

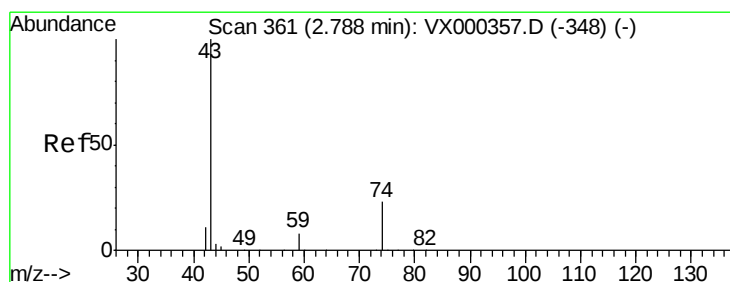
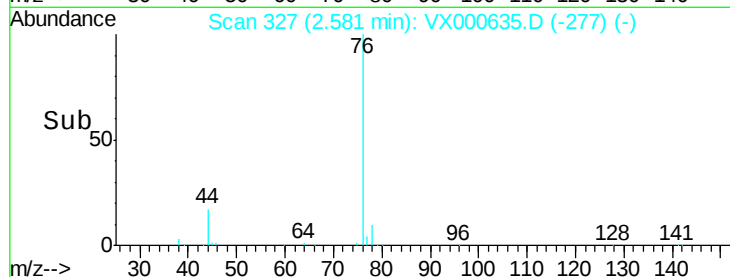
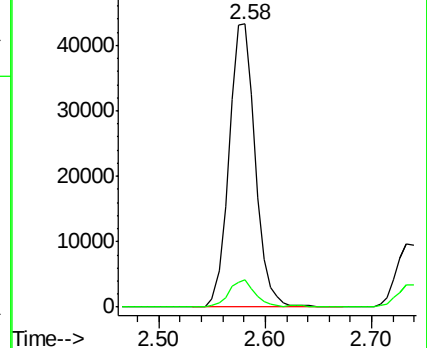
76 100

78 9.7 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 16.62 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000635.D

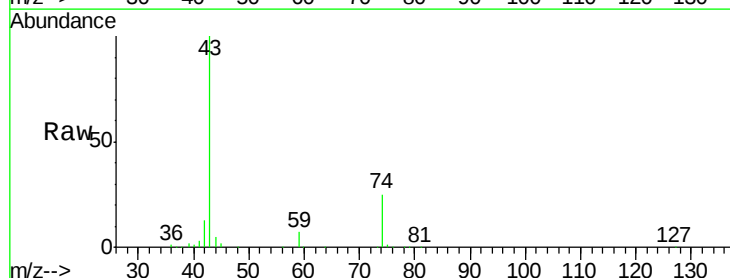
Acq: 02 Apr 2018 12:43

Tgt Ion: 43 Resp: 63851

Ion Ratio Lower Upper

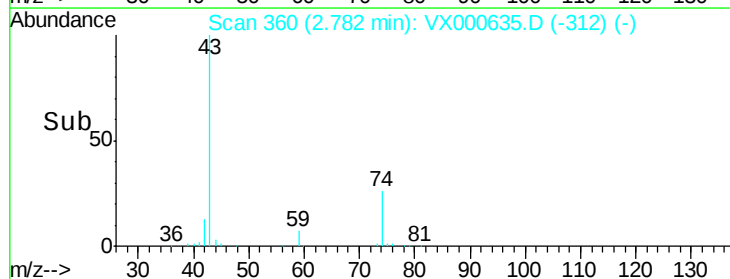
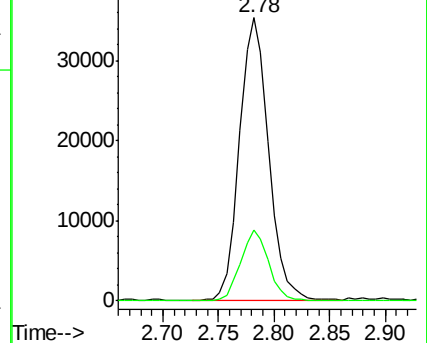
43 100

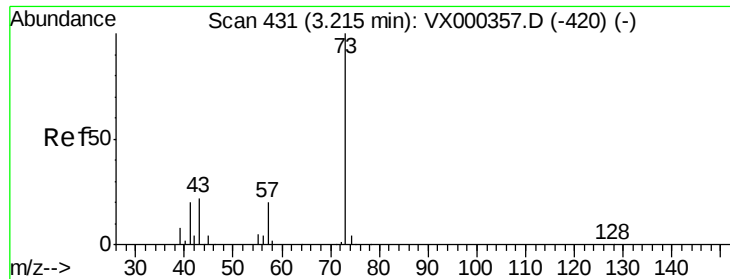
74 24.3 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

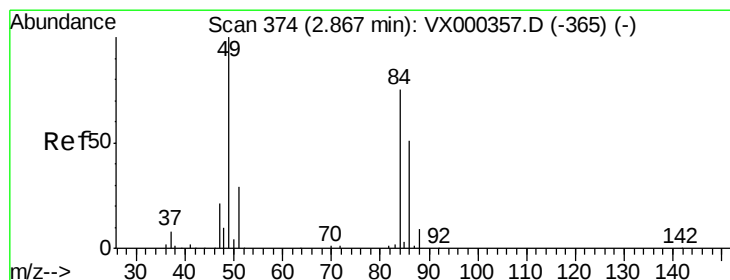
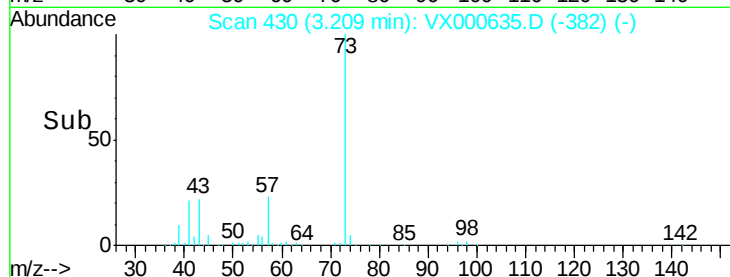
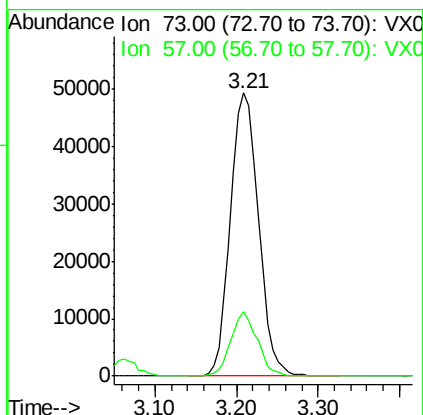
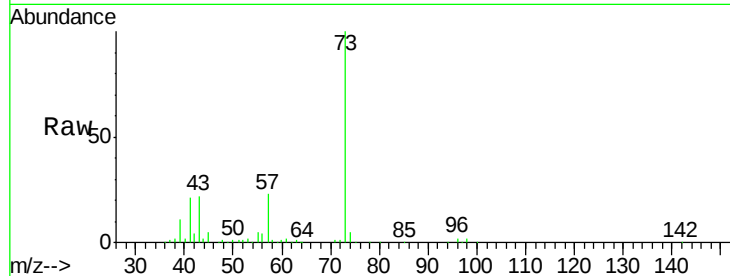




#19
Methyl tert-butyl Ether
Concen: 17.33 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000635.D
Acq: 02 Apr 2018 12:43

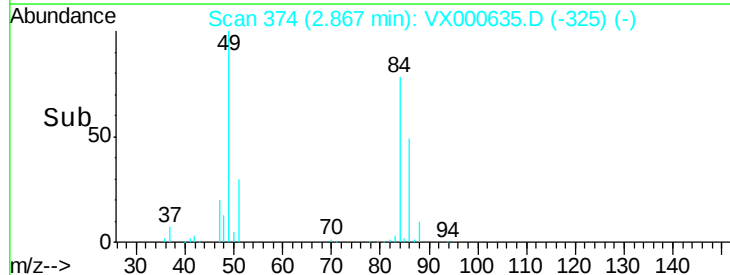
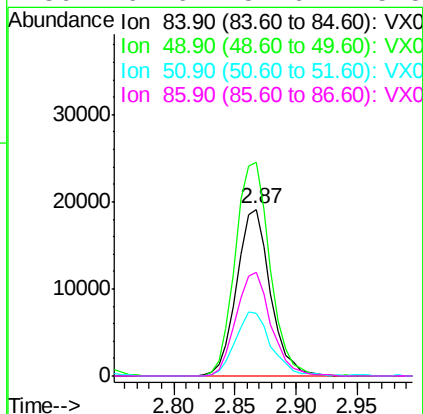
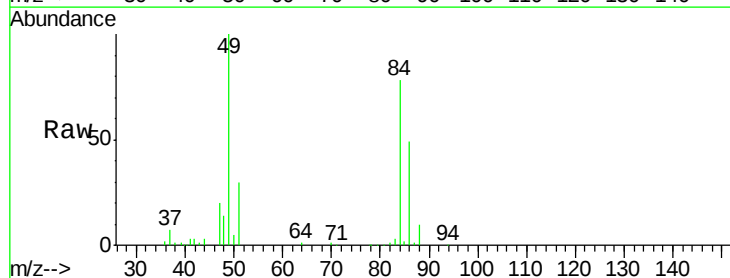
Instrument :
MSVOA_X
ClientSampled :
VX0402WBS01

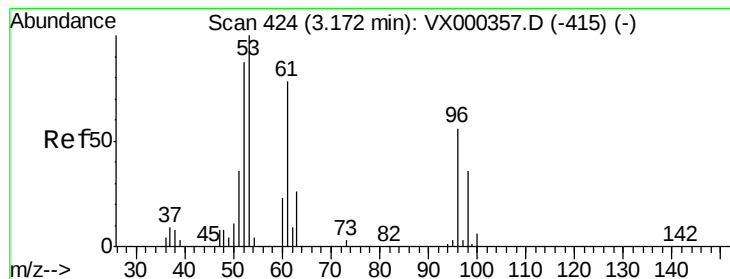
Tgt Ion: 73 Resp: 117234
Ion Ratio Lower Upper
73 100
57 22.8 17.2 25.8



#20
Methylene Chloride
Concen: 17.26 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000635.D
Acq: 02 Apr 2018 12:43

Tgt Ion: 84 Resp: 36532
Ion Ratio Lower Upper
84 100
49 128.1 100.6 151.0
51 37.8 31.6 47.4
86 62.6 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 16.10 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

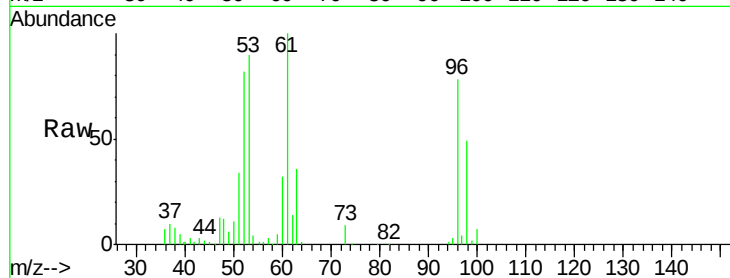
Tgt Ion: 96 Resp: 32858

Ion Ratio Lower Upper

96 100

61 128.0 104.0 156.0

98 62.4 52.1 78.1

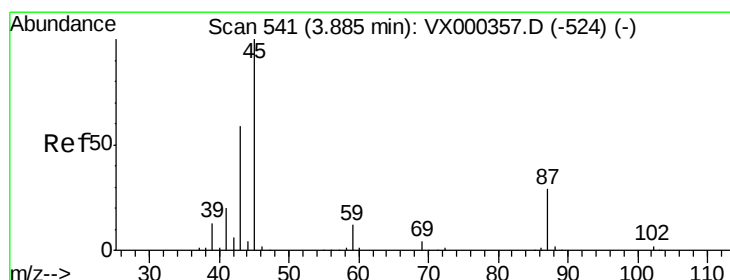
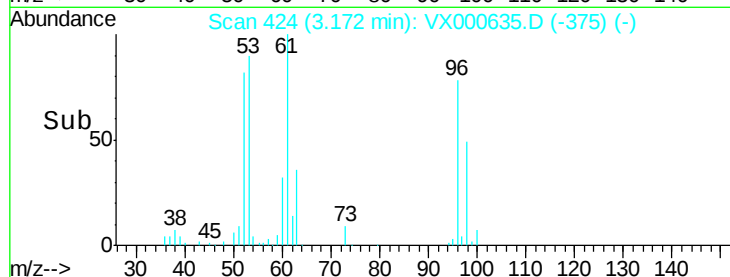
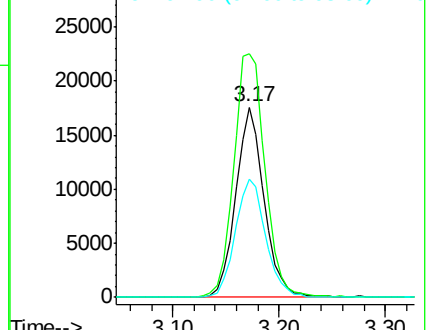


Abundance

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: 19.71 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

Tgt Ion: 45 Resp: 112723

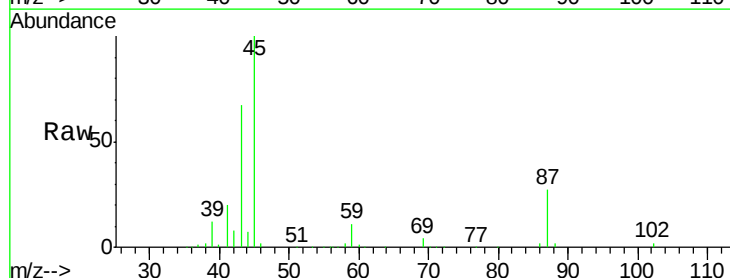
Ion Ratio Lower Upper

45 100

43 66.2 53.9 80.9

87 27.1 22.6 34.0

59 11.0 9.5 14.3



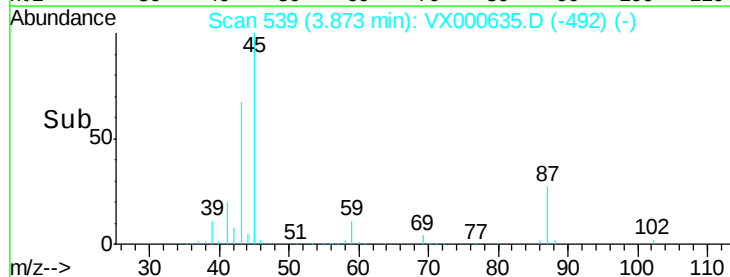
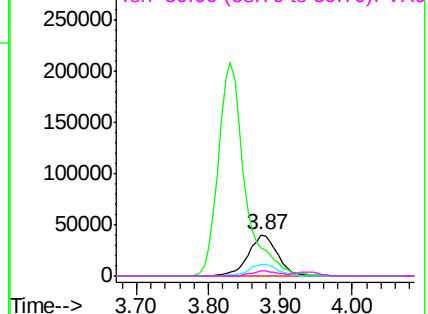
Abundance

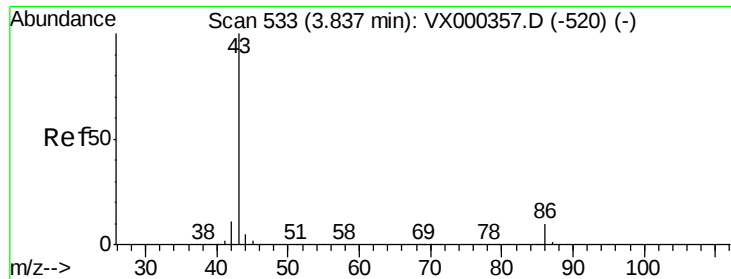
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 98.55 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

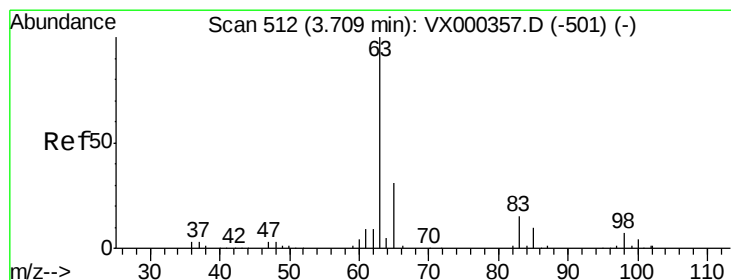
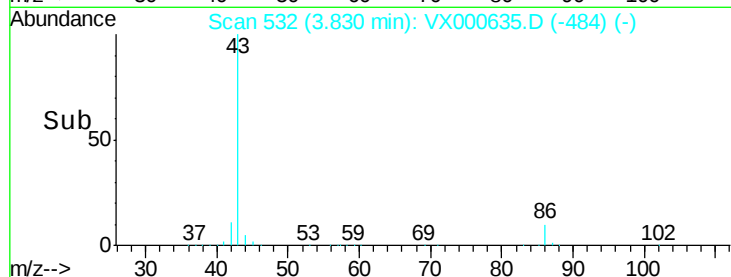
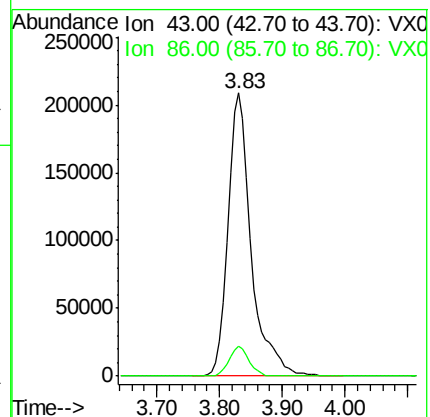
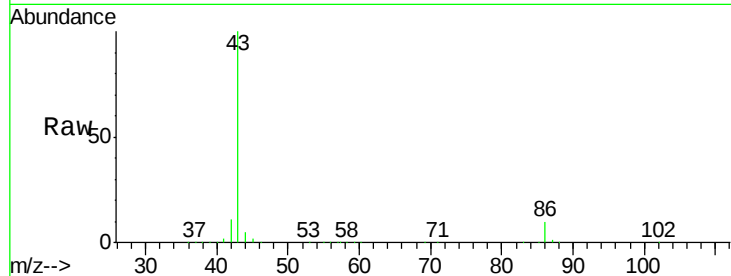
VX0402WBS01

Tgt Ion: 43 Resp: 534221

Ion Ratio Lower Upper

43 100

86 10.4 8.6 12.8



#24

1,1-Dichloroethane

Concen: 17.31 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

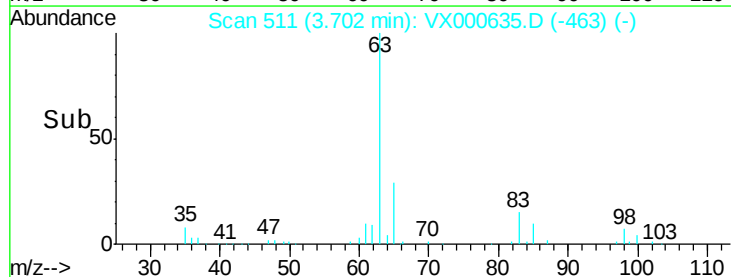
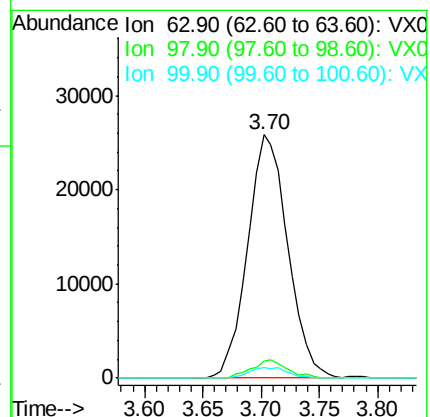
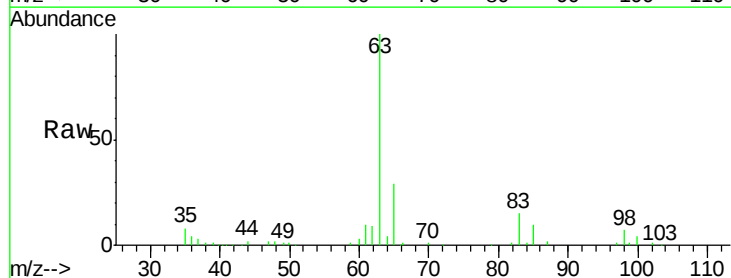
Tgt Ion: 63 Resp: 62214

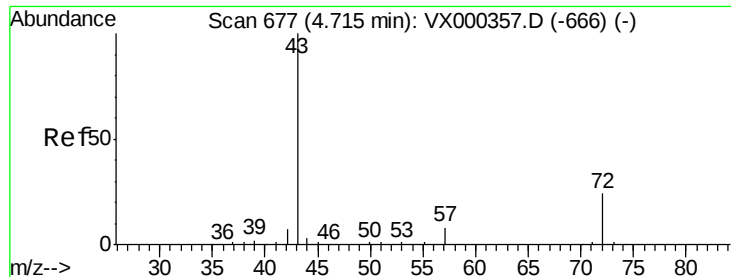
Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.9

100 4.3 2.0 5.8





#25

2-Butanone

Concen: 81.89 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

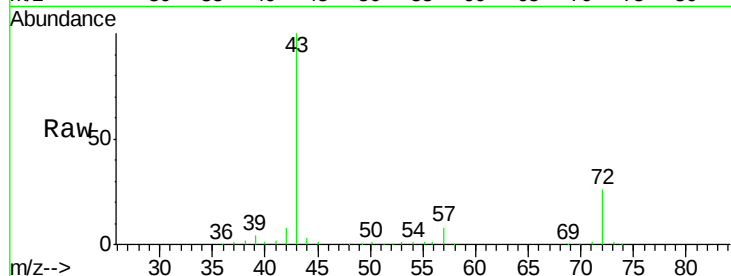
VX0402WBS01

Tgt Ion: 43 Resp: 168672

Ion Ratio Lower Upper

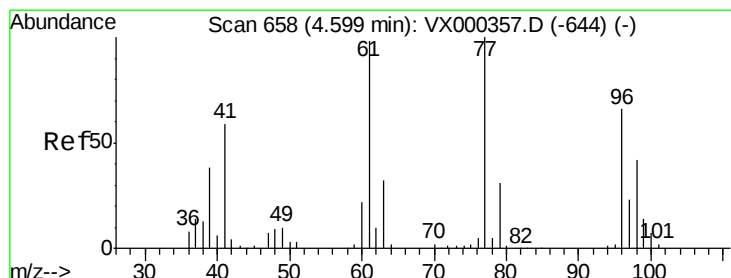
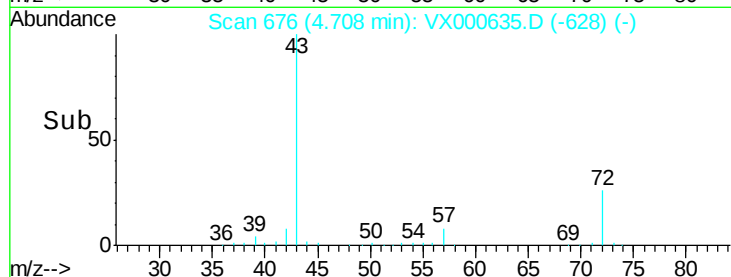
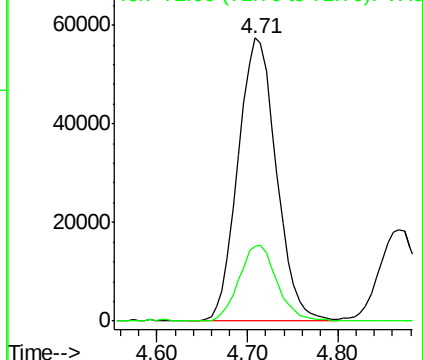
43 100

72 26.2 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: 16.63 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000635.D

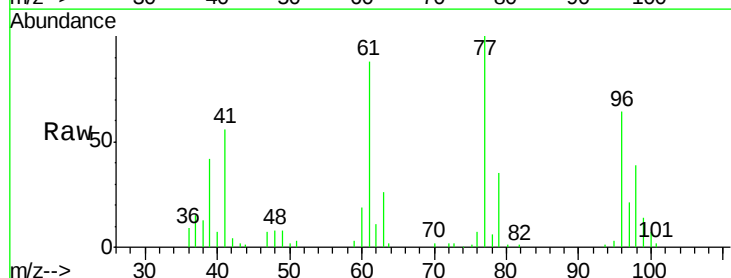
Acq: 02 Apr 2018 12:43

Tgt Ion: 77 Resp: 41912

Ion Ratio Lower Upper

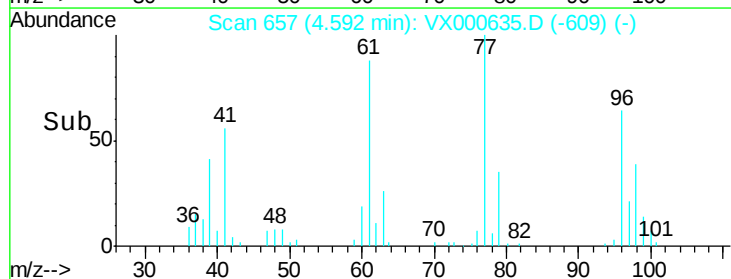
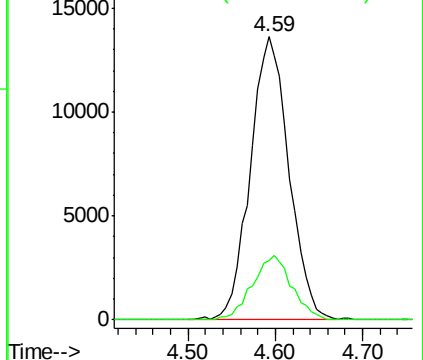
77 100

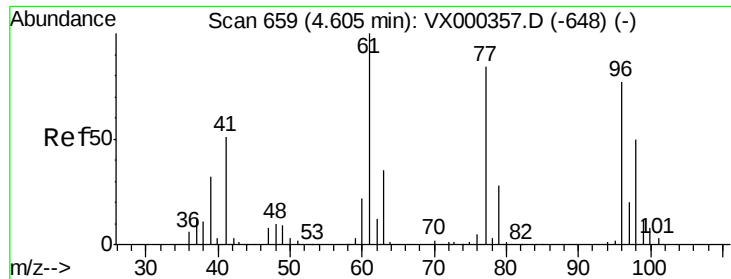
97 23.1 11.3 33.8



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: 16.38 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

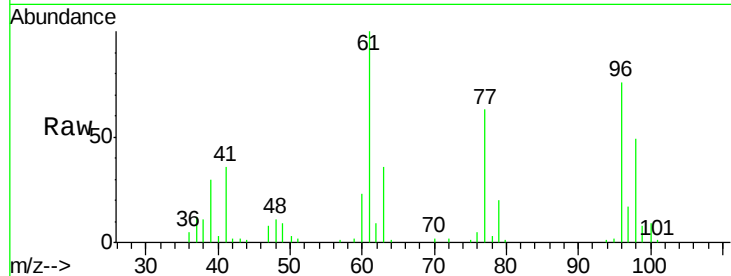
Tgt Ion: 96 Resp: 31234

Ion Ratio Lower Upper

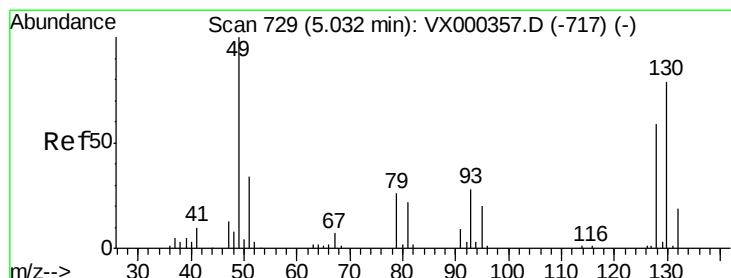
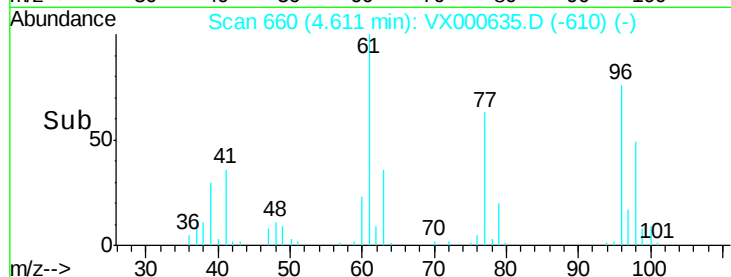
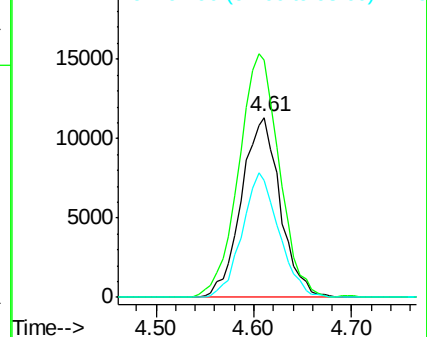
96 100

61 141.3 0.0 291.6

98 65.4 0.0 132.0



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 19.46 ug/l

RT: 5.03 min Scan# 729

Delta R.T. -0.00 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

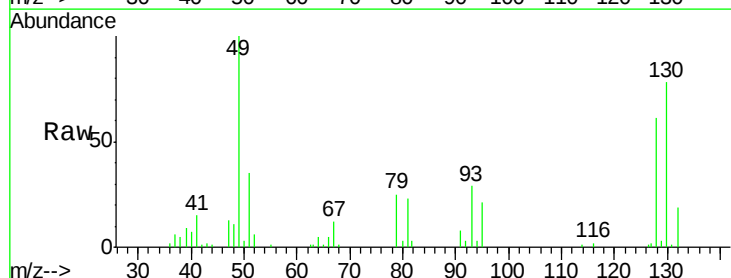
Tgt Ion: 49 Resp: 28843

Ion Ratio Lower Upper

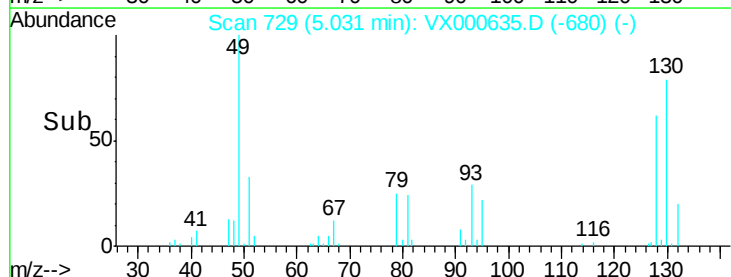
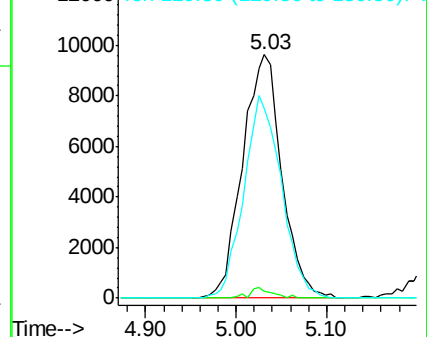
49 100

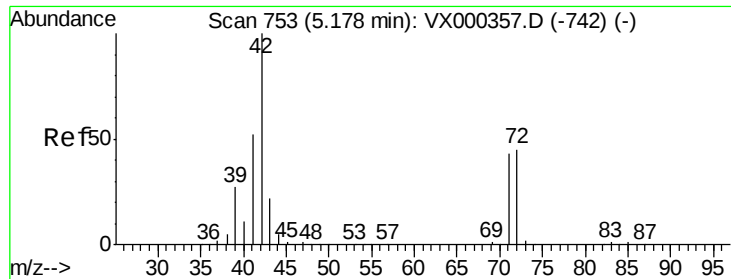
129 2.5 0.0 5.0

130 79.6 64.0 96.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

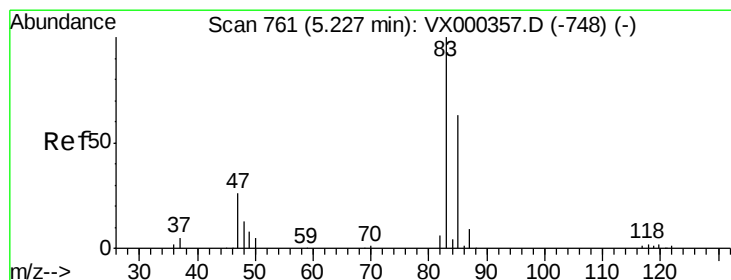
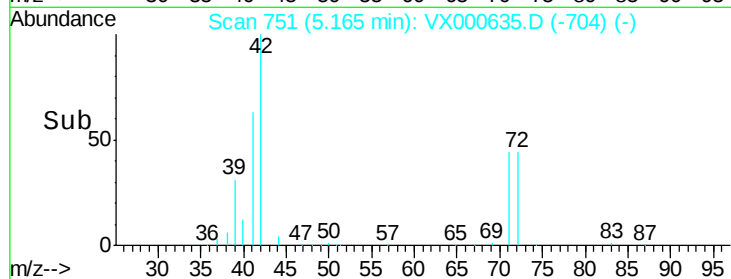
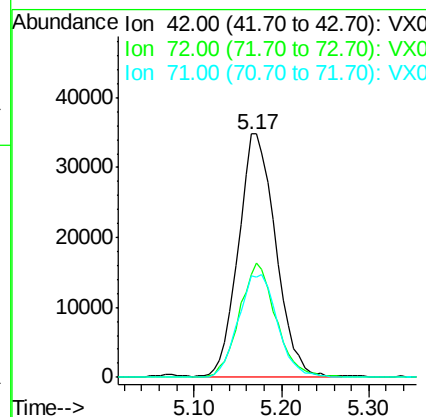
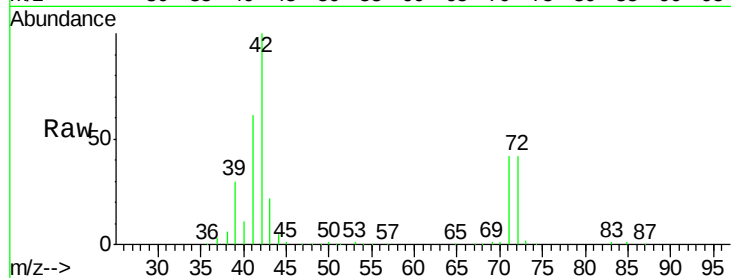




#29
Tetrahydrofuran
Concen: 81.13 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX000635.D
Acq: 02 Apr 2018 12:43

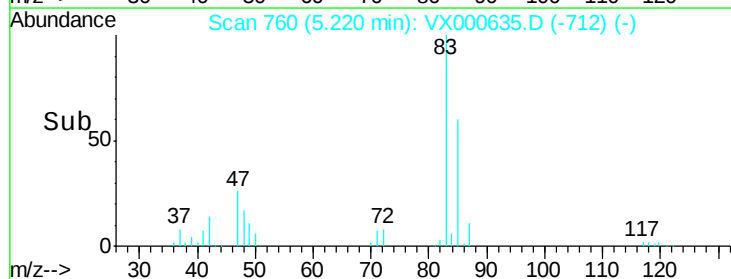
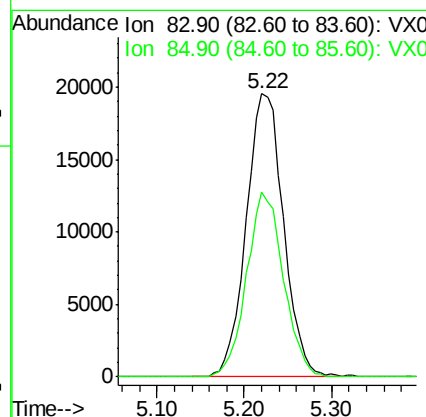
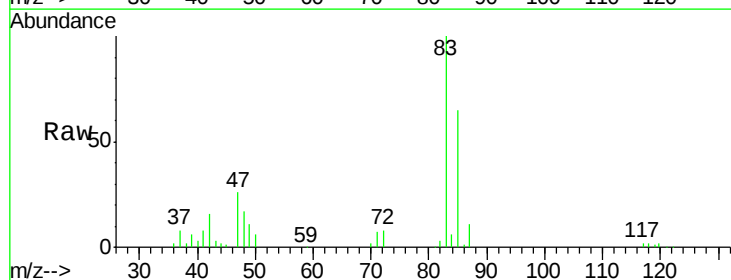
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

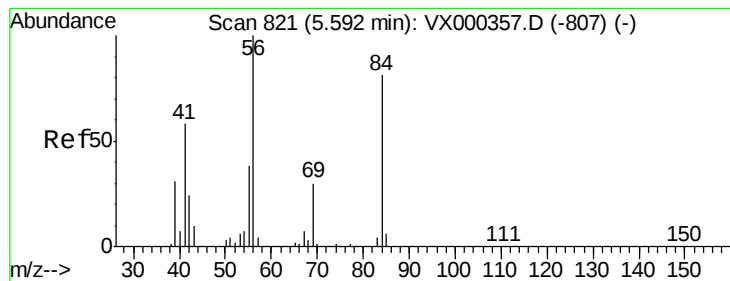
Tgt Ion: 42 Resp: 102814
Ion Ratio Lower Upper
42 100
72 46.2 37.9 56.9
71 44.1 34.4 51.6



#30
Chloroform
Concen: 17.18 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000635.D
Acq: 02 Apr 2018 12:43

Tgt Ion: 83 Resp: 57894
Ion Ratio Lower Upper
83 100
85 65.5 53.3 79.9





#31

Cyclohexane

Concen: 15.96 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.01 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

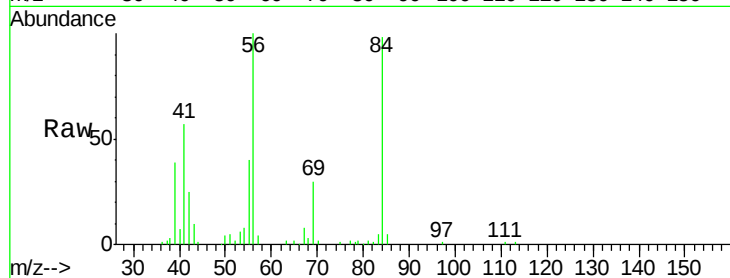
Tgt Ion: 56 Resp: 44362

Ion Ratio Lower Upper

56 100

69 30.4 23.4 35.0

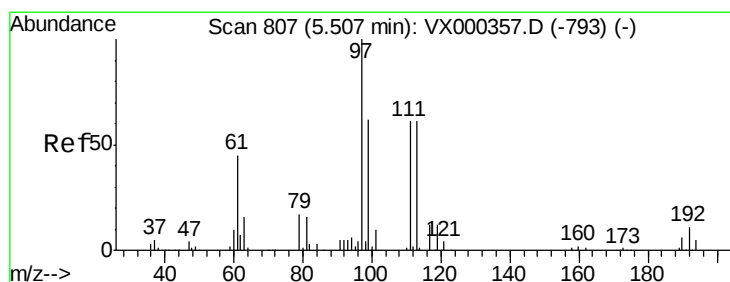
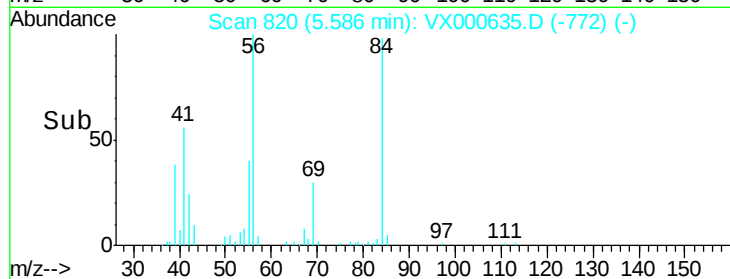
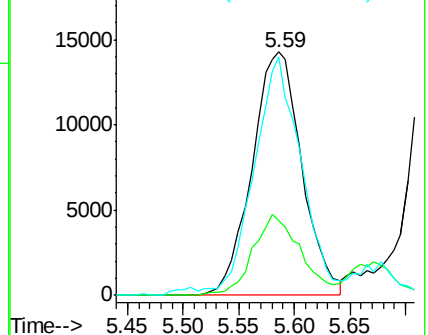
84 94.6 71.0 106.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 16.65 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

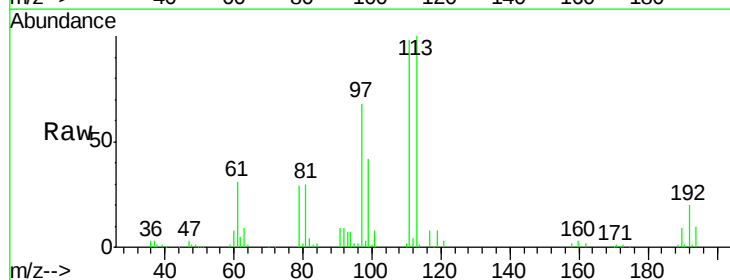
Tgt Ion: 97 Resp: 50612

Ion Ratio Lower Upper

97 100

99 64.9 52.1 78.1

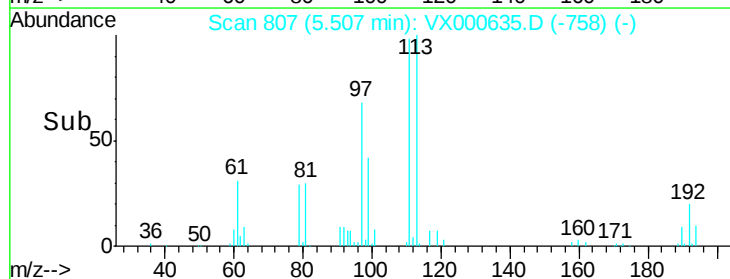
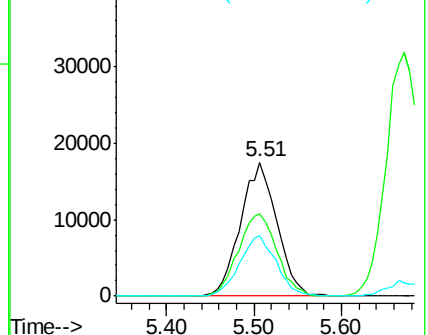
61 45.5 36.2 54.4

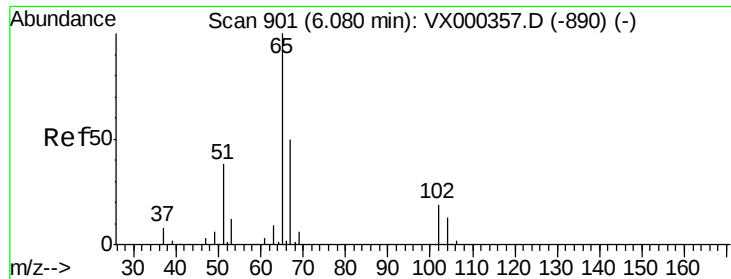


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

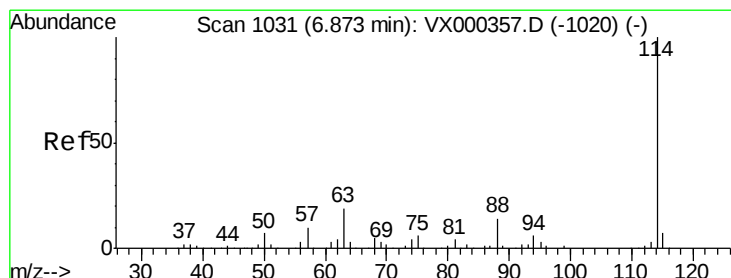
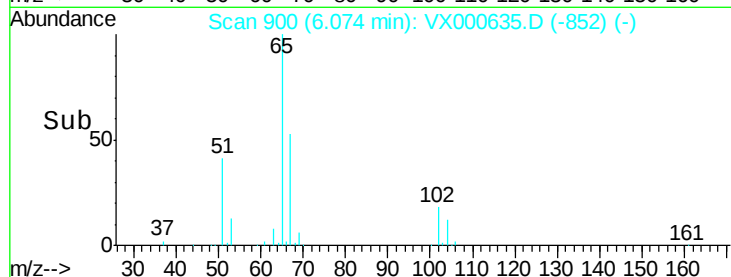
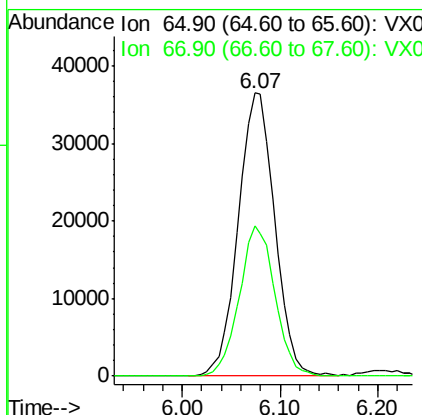
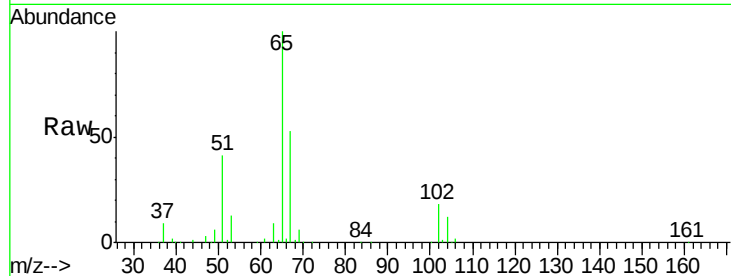




#33
 1,2-Dichloroethane-d4
 Concen: 42.95 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000635.D
 Acq: 02 Apr 2018 12:43

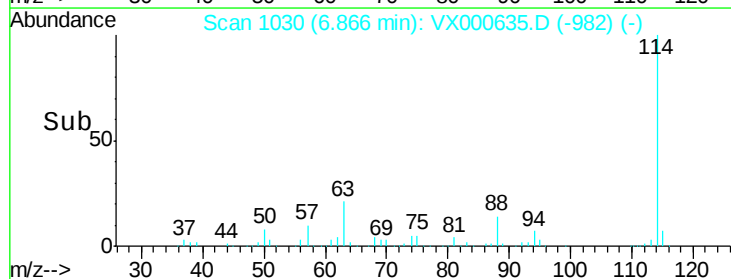
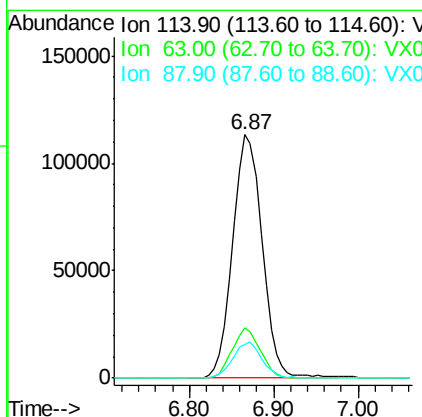
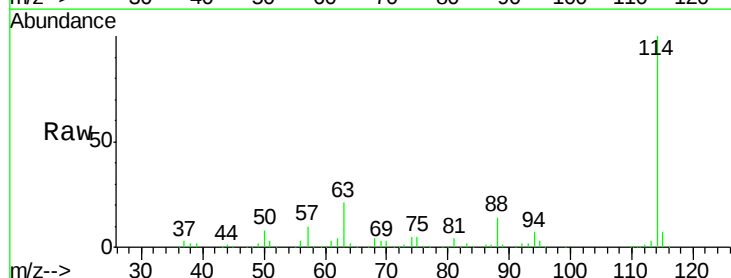
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

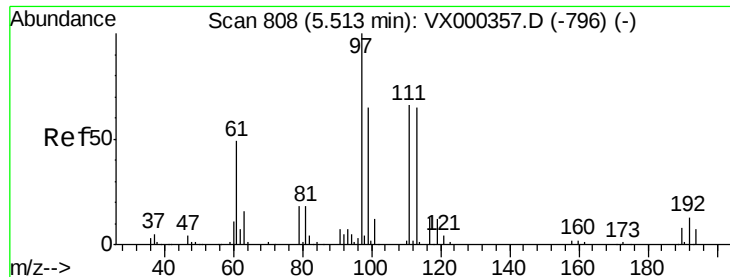
Tgt Ion: 65 Resp: 94614
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000635.D
 Acq: 02 Apr 2018 12:43

Tgt Ion: 114 Resp: 269838
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 38.4
 88 13.7 0.0 27.0





#35

Dibromofluoromethane

Concen: 43.37 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

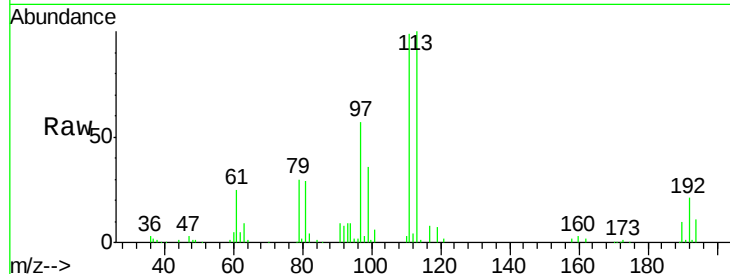
Tgt Ion:113 Resp: 73743

Ion Ratio Lower Upper

113 100

111 102.1 82.4 123.6

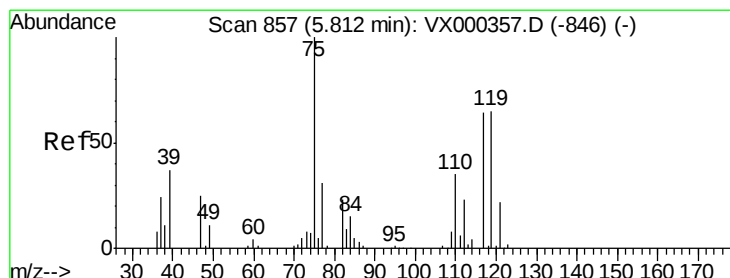
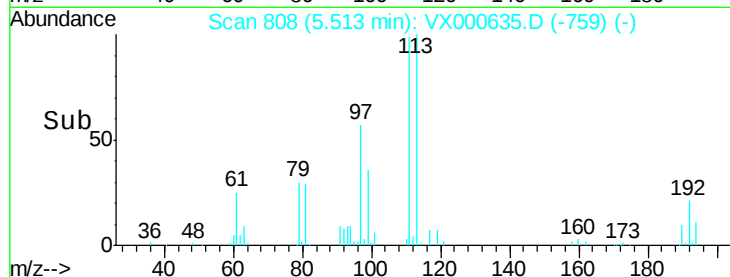
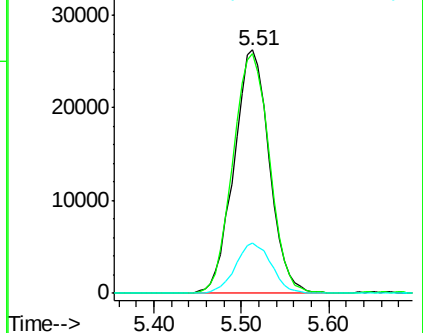
192 21.1 15.8 23.6



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: 16.81 ug/l

RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

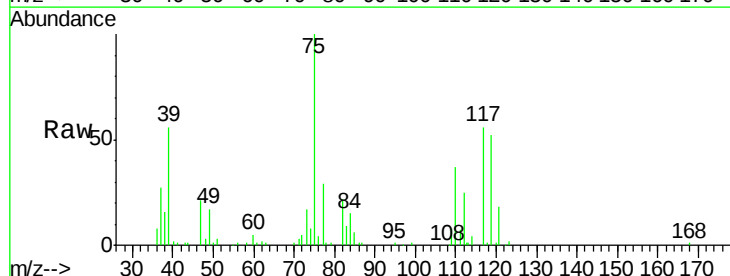
Tgt Ion: 75 Resp: 42480

Ion Ratio Lower Upper

75 100

110 37.3 17.9 53.7

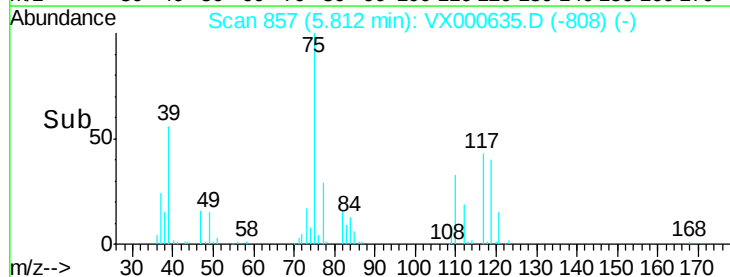
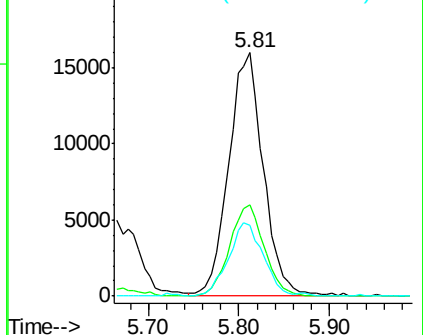
77 30.5 24.0 36.0

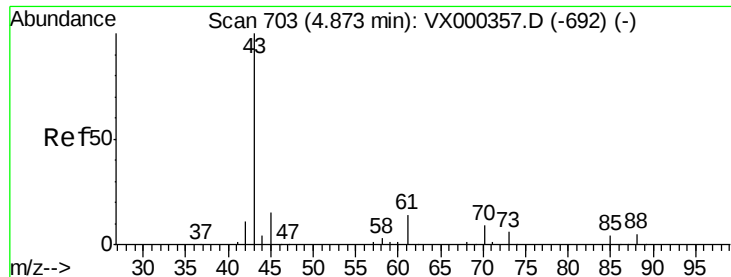


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

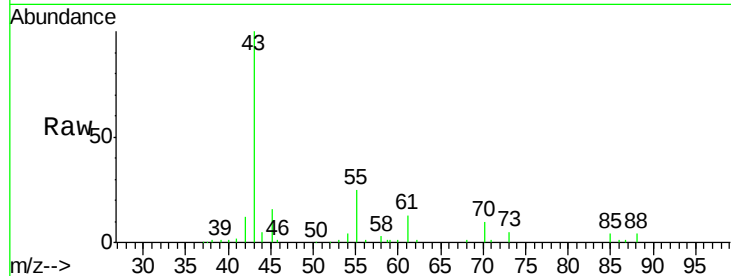




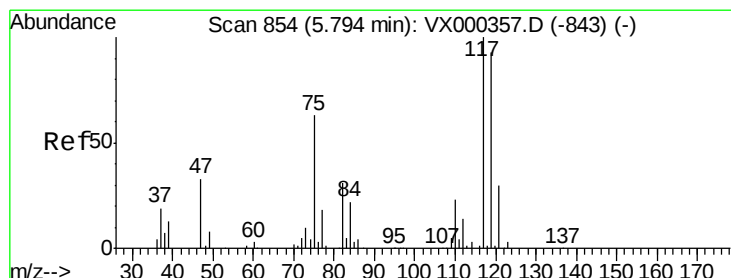
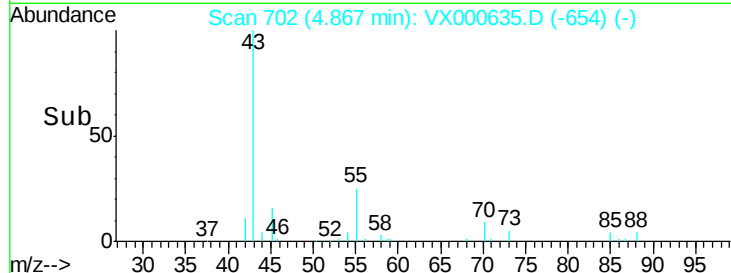
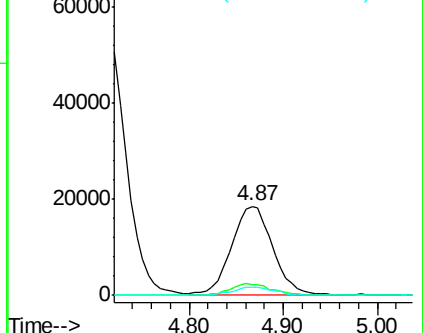
#37
Ethyl Acetate
Concen: 16.22 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000635.D
Acq: 02 Apr 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

Tgt Ion: 43 Resp: 56011
Ion Ratio Lower Upper
43 100
61 13.3 11.1 16.7
70 9.4 7.7 11.5

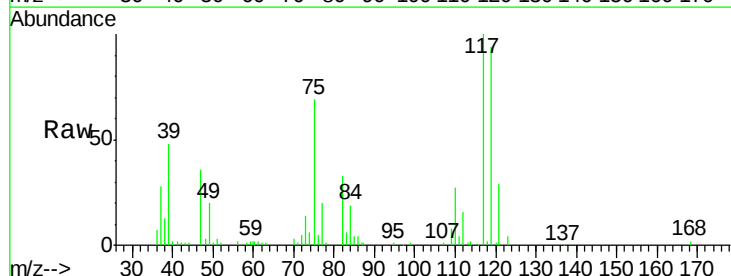


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

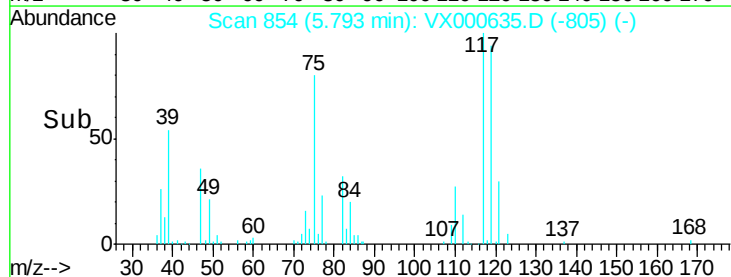
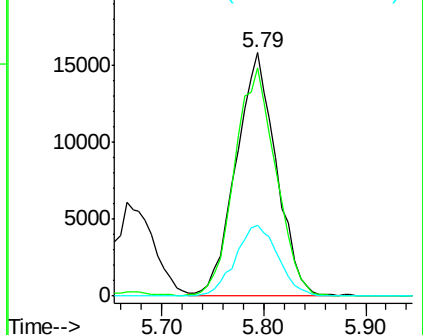


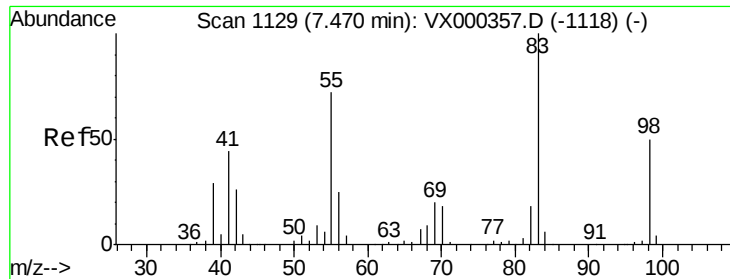
#38
Carbon Tetrachloride
Concen: 16.34 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000635.D
Acq: 02 Apr 2018 12:43

Tgt Ion: 117 Resp: 43321
Ion Ratio Lower Upper
117 100
119 93.9 77.4 116.2
121 29.3 24.8 37.2



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

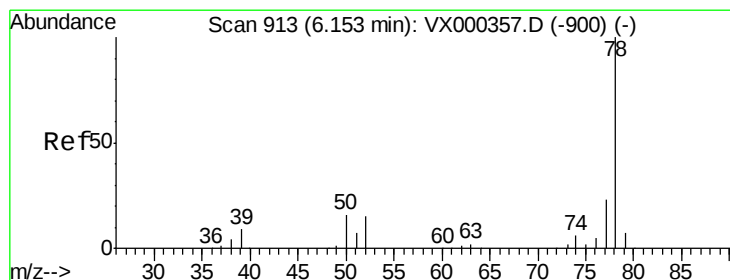
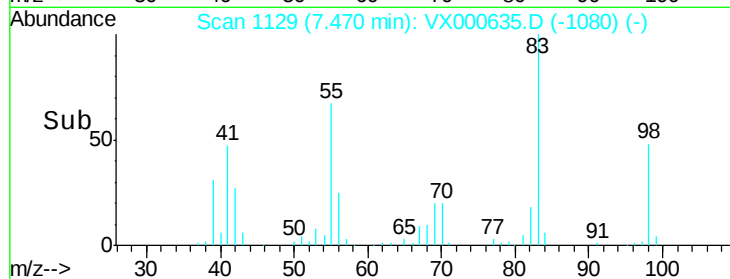
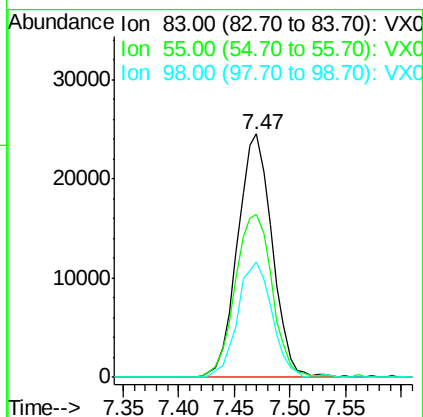
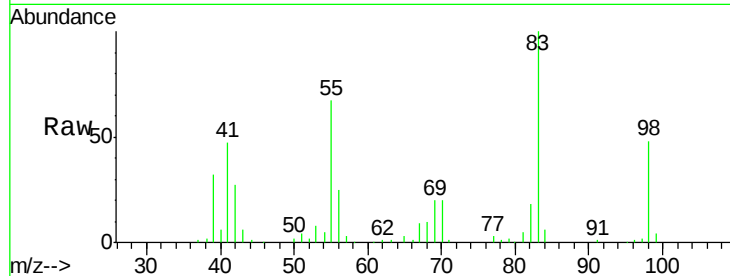




#39
Methylcyclohexane
Concen: 17.24 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000635.D
Acq: 02 Apr 2018 12:43

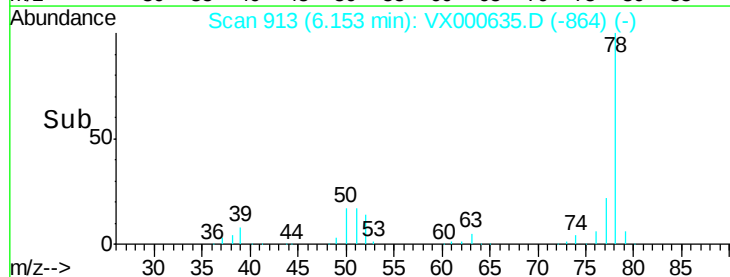
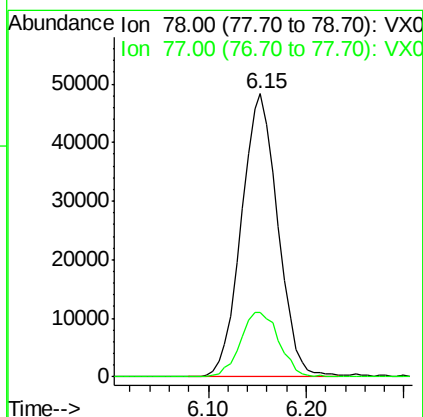
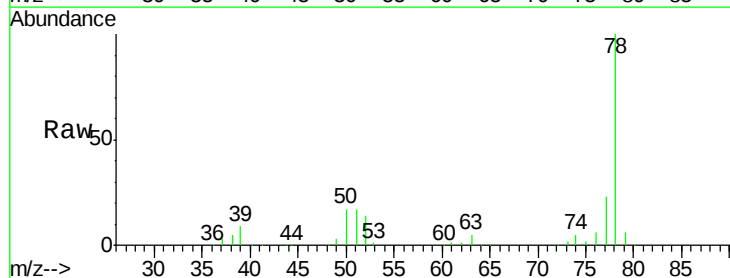
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

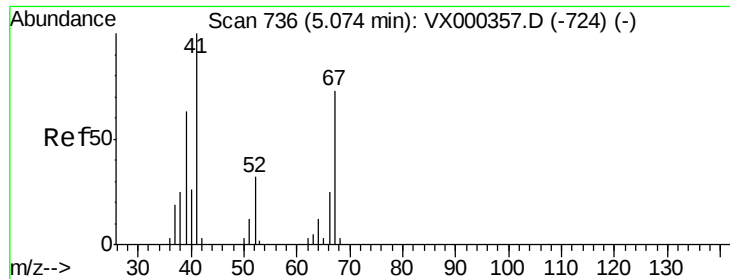
Tgt Ion: 83 Resp: 53004
Ion Ratio Lower Upper
83 100
55 66.6 55.5 83.3
98 47.7 38.2 57.4



#40
Benzene
Concen: 17.01 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000635.D
Acq: 02 Apr 2018 12:43

Tgt Ion: 78 Resp: 124834
Ion Ratio Lower Upper
78 100
77 23.0 18.7 28.1

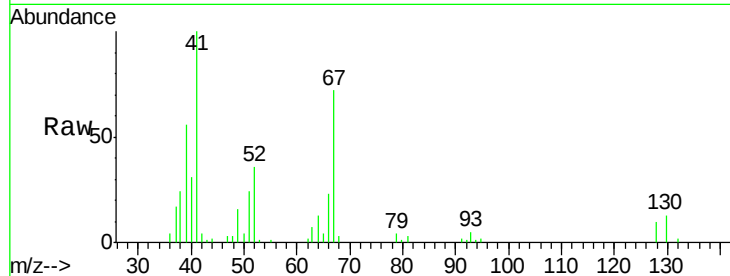




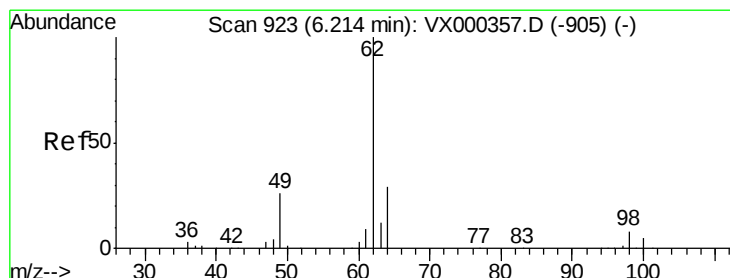
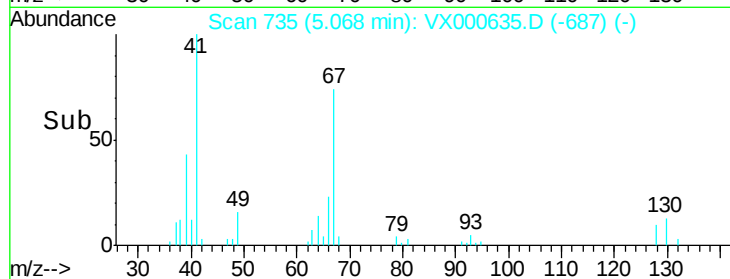
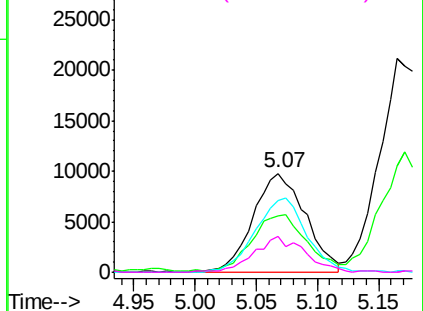
#41
Methacrylonitrile
Concen: 16.07 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000635.D
Acq: 02 Apr 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

Tgt Ion:	41	Resp:	29254
Ion	Ratio	Lower	Upper
41	100		
39	57.7	45.7	68.5
67	73.5	57.8	86.8
52	34.8	26.7	40.1

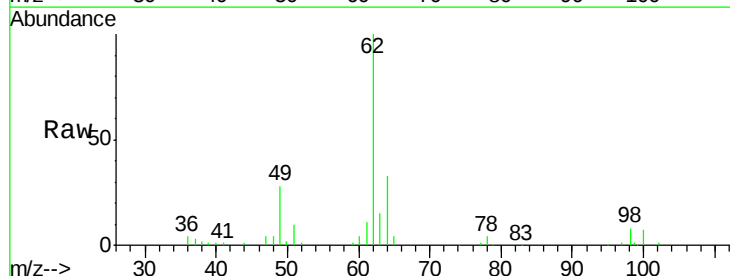


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

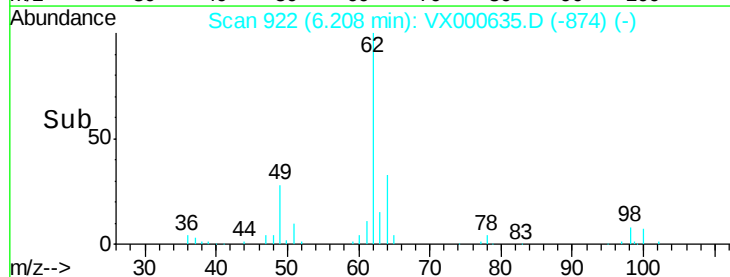
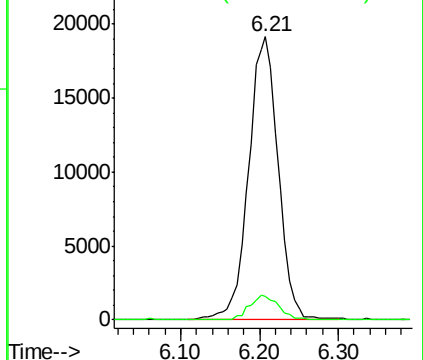


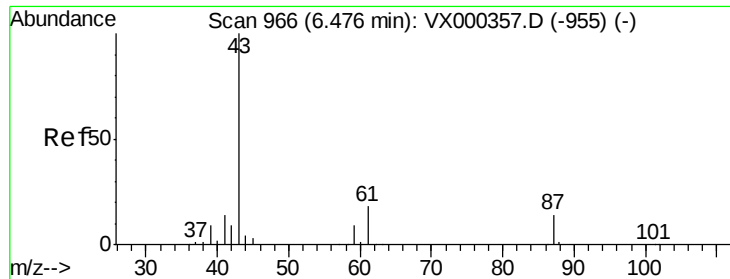
#42
1,2-Dichloroethane
Concen: 17.37 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000635.D
Acq: 02 Apr 2018 12:43

Tgt Ion:	62	Resp:	50020
Ion	Ratio	Lower	Upper
62	100		
98	8.6	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: 17.08 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

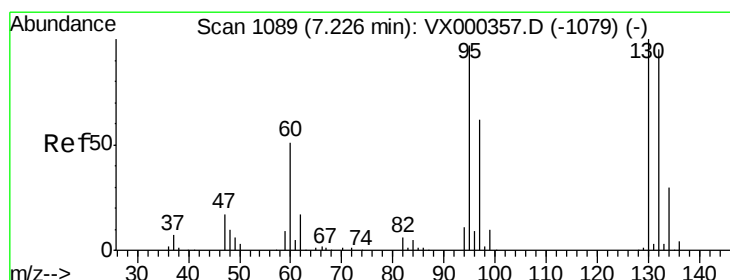
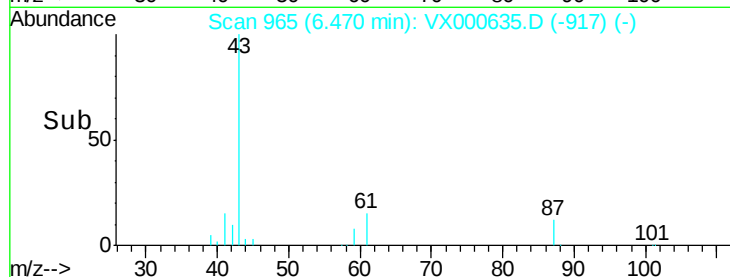
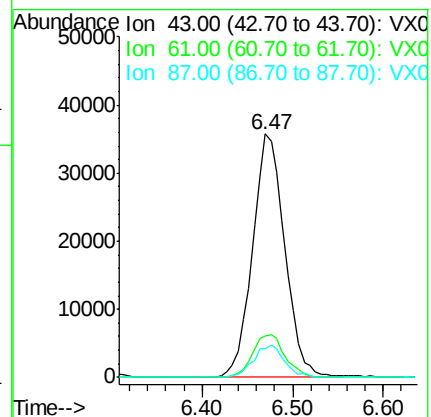
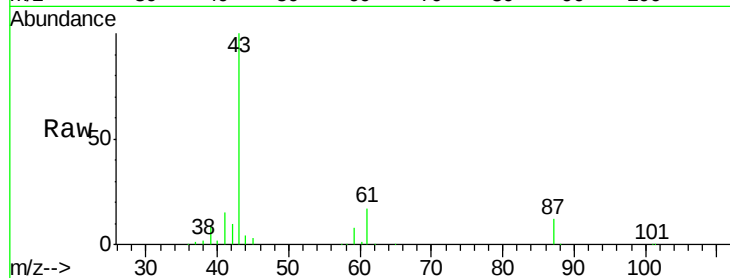
Tgt Ion: 43 Resp: 87762

Ion Ratio Lower Upper

43 100

61 17.6 14.4 21.6

87 12.8 11.0 16.4



#44

Trichloroethene

Concen: 17.55 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000635.D

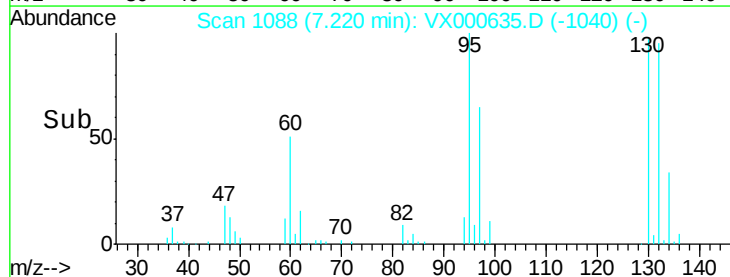
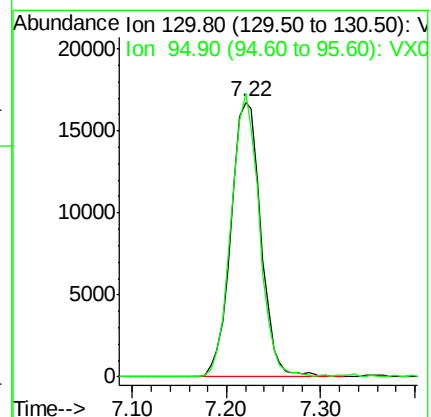
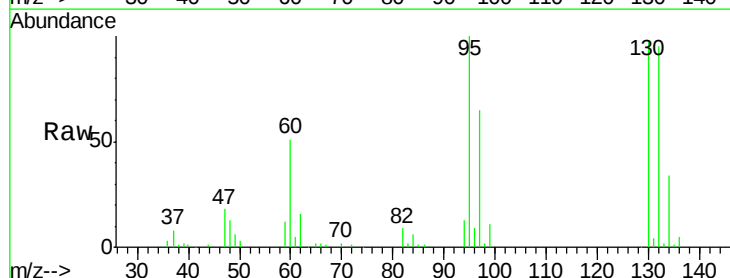
Acq: 02 Apr 2018 12:43

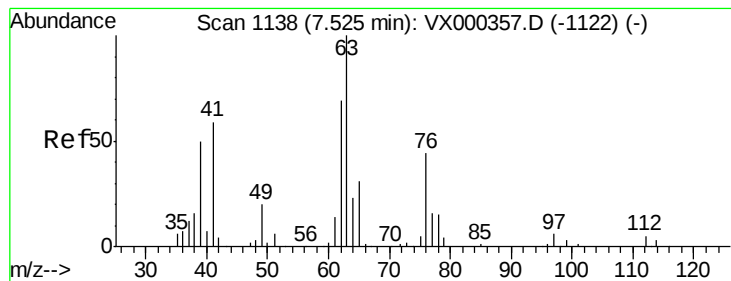
Tgt Ion: 130 Resp: 36900

Ion Ratio Lower Upper

130 100

95 103.1 0.0 186.0





#45

1,2-Dichloropropane

Concen: 18.01 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

Instrument :

MSVOA_X

ClientSampled :

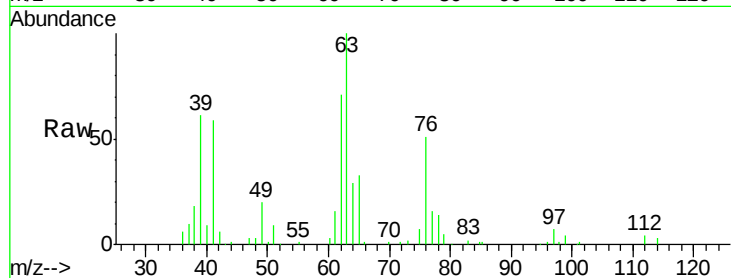
VX0402WBS01

Tgt Ion: 63 Resp: 33847

Ion Ratio Lower Upper

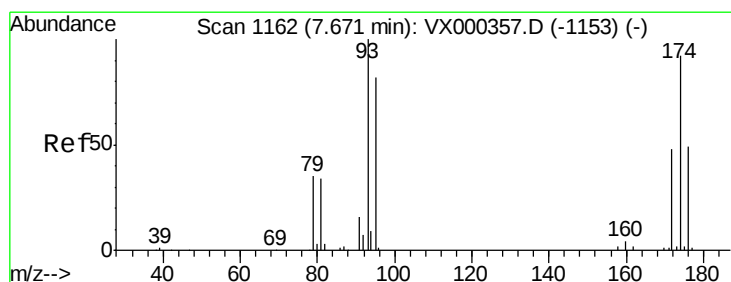
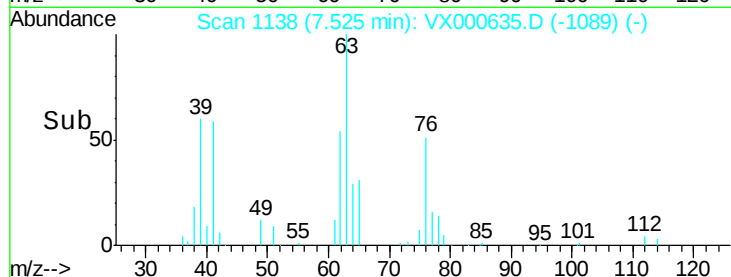
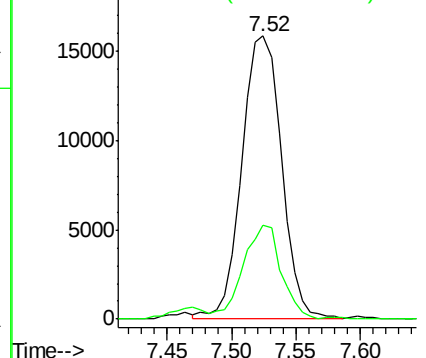
63 100

65 32.6 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.63 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

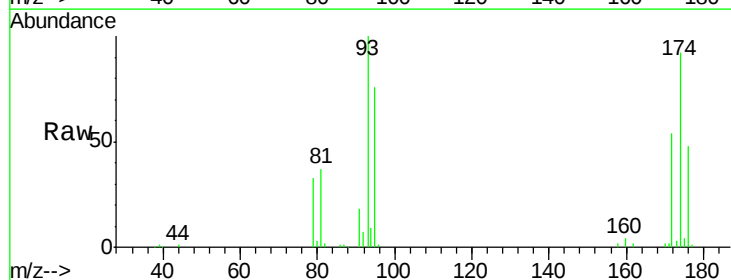
Tgt Ion: 93 Resp: 26002

Ion Ratio Lower Upper

93 100

95 82.1 66.5 99.7

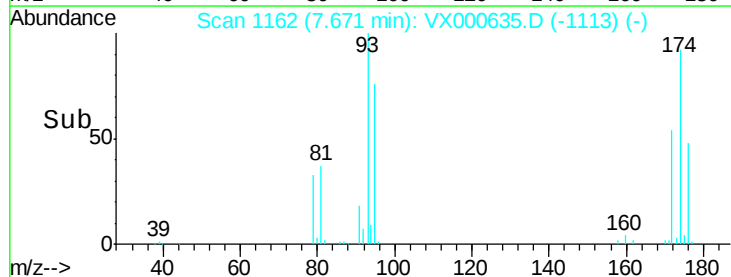
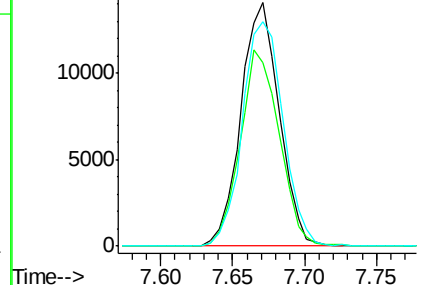
174 98.1 76.0 114.0

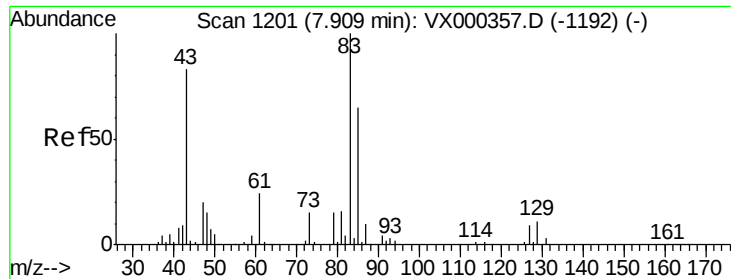


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.48 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

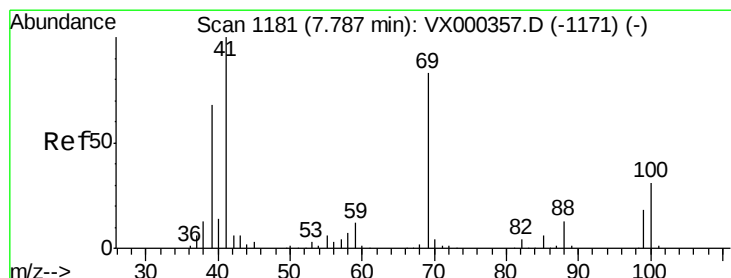
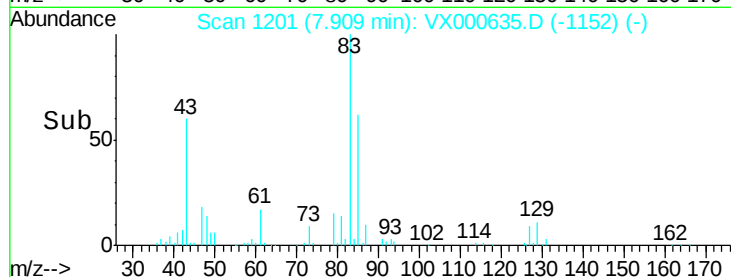
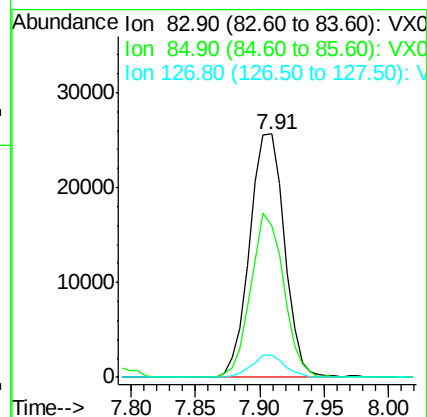
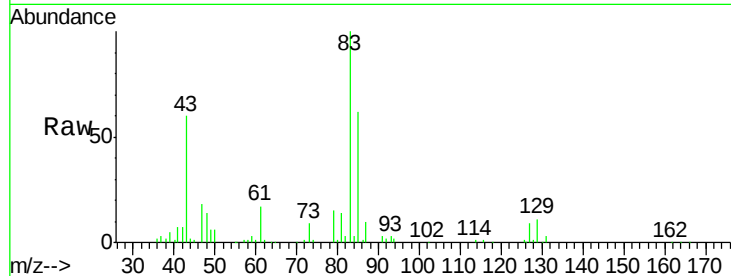
Tgt Ion: 83 Resp: 47955

Ion Ratio Lower Upper

83 100

85 62.2 51.4 77.0

127 9.3 7.0 10.6



#48

Methyl methacrylate

Concen: 17.83 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

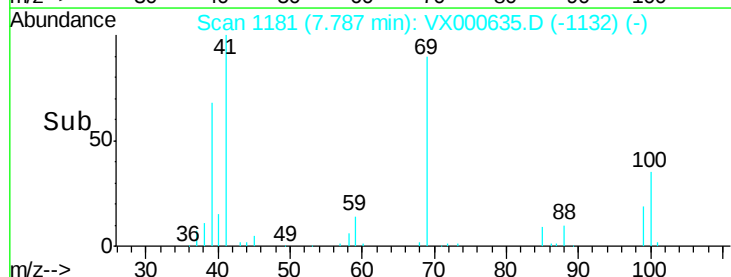
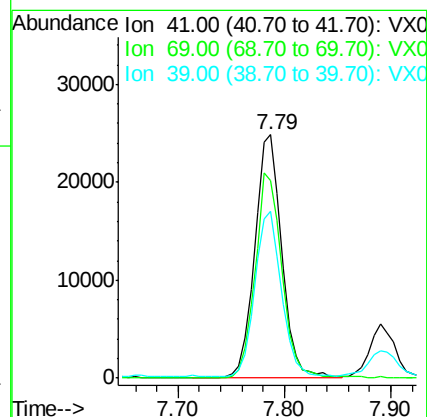
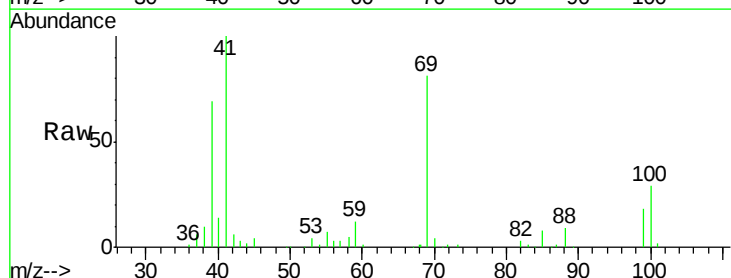
Tgt Ion: 41 Resp: 44478

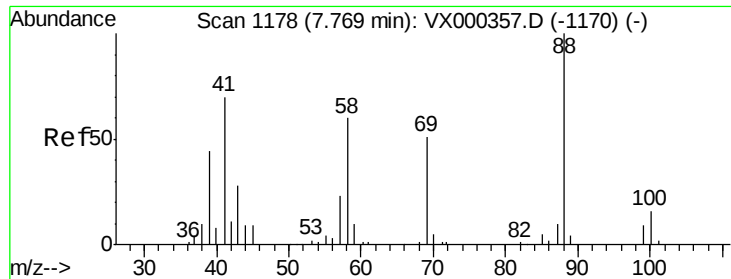
Ion Ratio Lower Upper

41 100

69 83.1 68.2 102.4

39 66.9 54.6 81.8

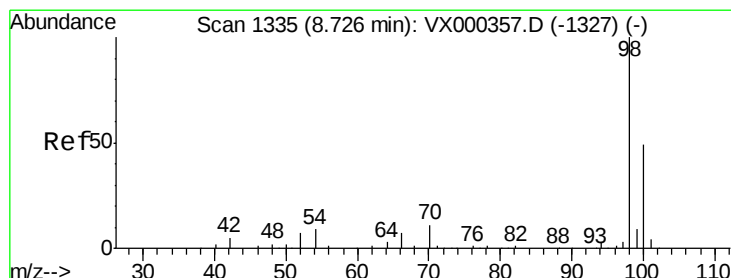
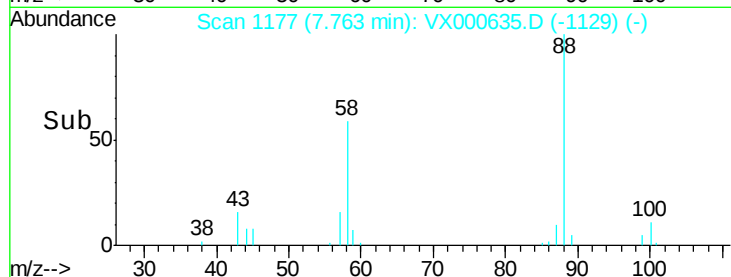
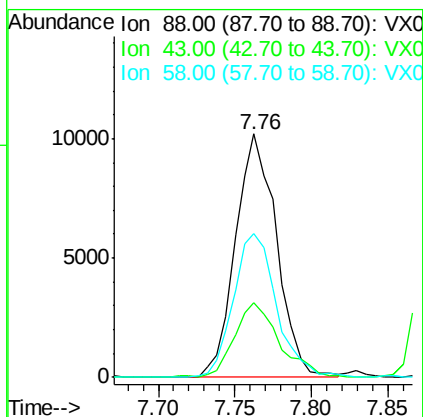
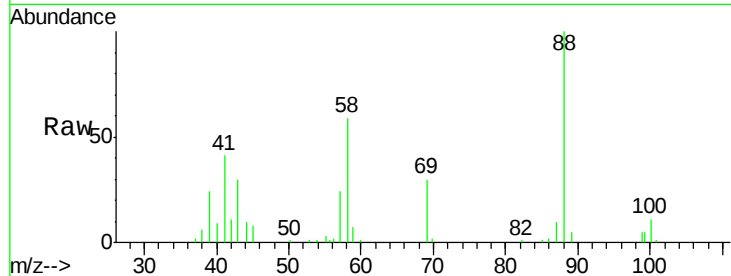




#49
 1,4-Dioxane
 Concen: 363.13 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: VX000635.D
 Acq: 02 Apr 2018 12:43

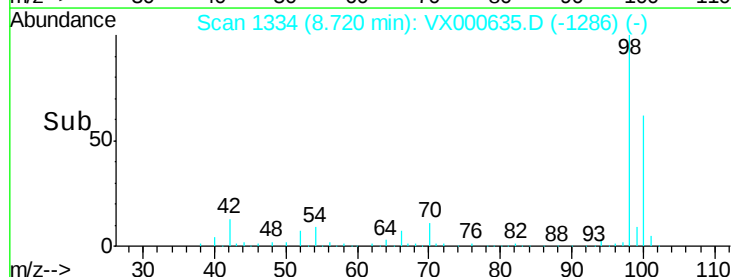
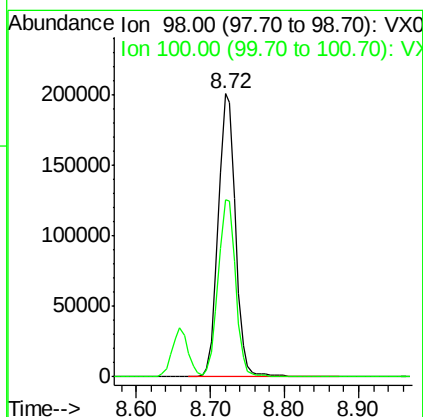
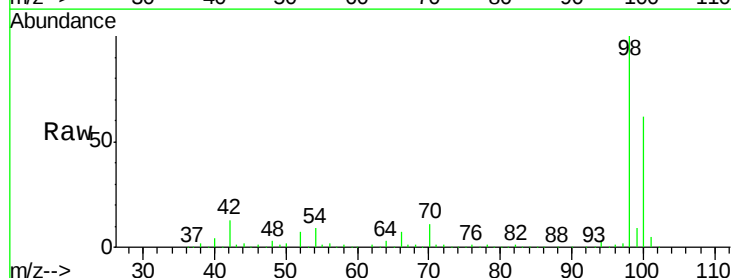
Instrument :
 MSVOA_X
 ClientSampled :
 VX0402WBS01

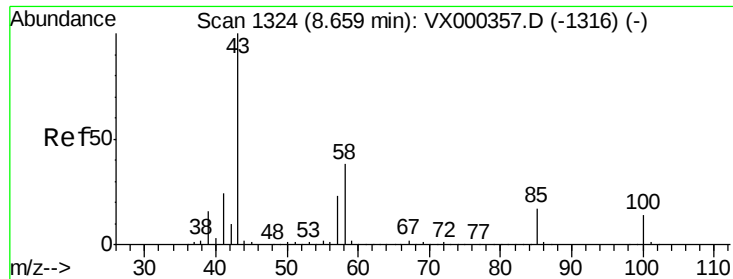
Tgt Ion: 88 Resp: 19045
 Ion Ratio Lower Upper
 88 100
 43 33.5 26.8 40.2
 58 61.7 52.2 78.2



#50
 Toluene-d8
 Concen: 45.44 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: VX000635.D
 Acq: 02 Apr 2018 12:43

Tgt Ion: 98 Resp: 319989
 Ion Ratio Lower Upper
 98 100
 100 63.2 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 89.36 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

Instrument :

MSVOA_X

ClientSampled :

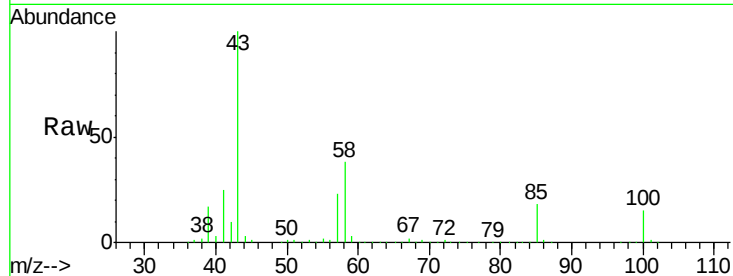
VX0402WBS01

Tgt Ion: 43 Resp: 355476

Ion Ratio Lower Upper

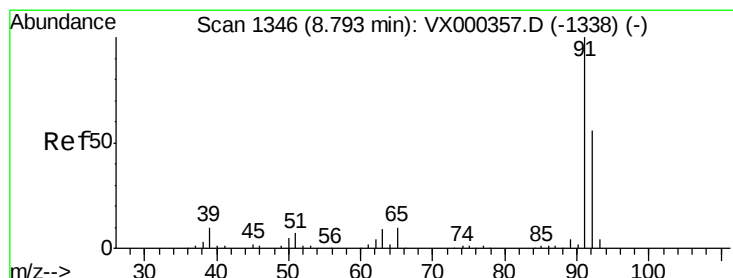
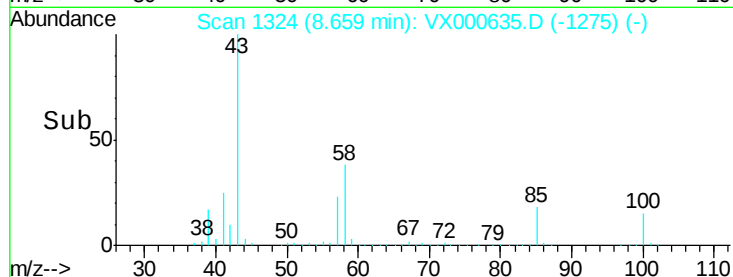
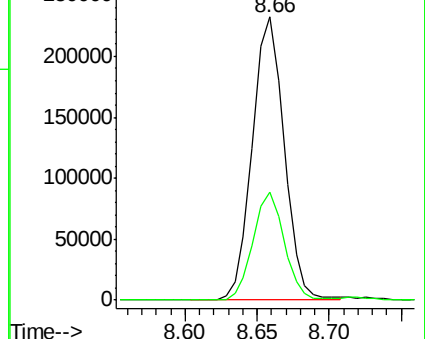
43 100

58 37.4 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: 18.08 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000635.D

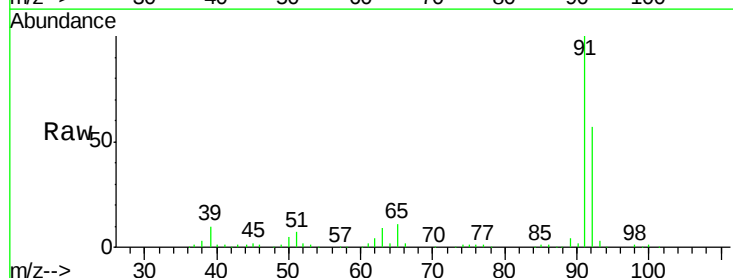
Acq: 02 Apr 2018 12:43

Tgt Ion: 92 Resp: 92756

Ion Ratio Lower Upper

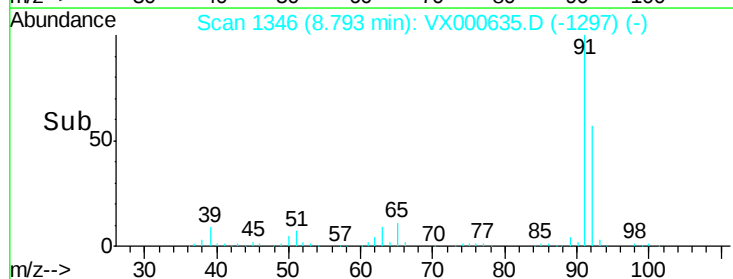
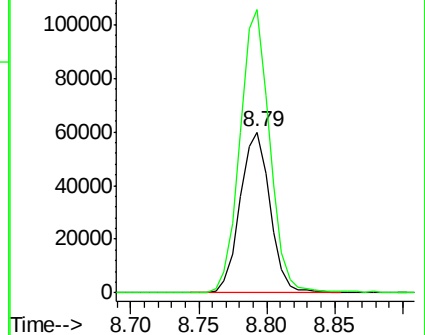
92 100

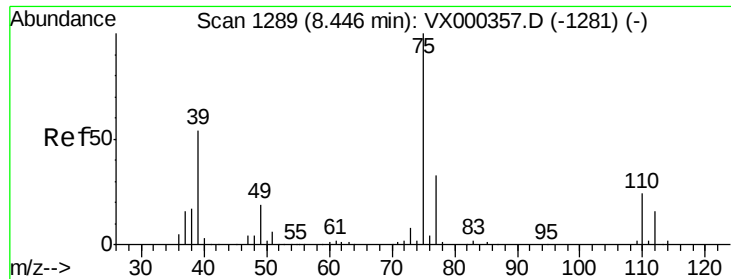
91 173.7 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

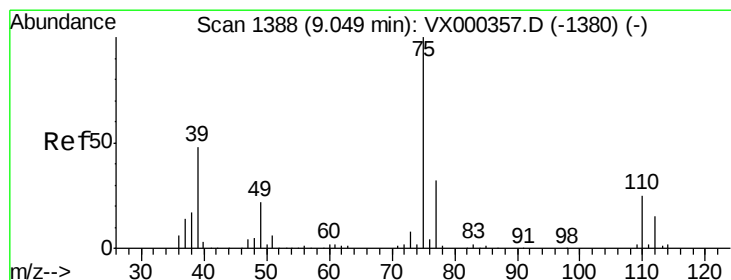
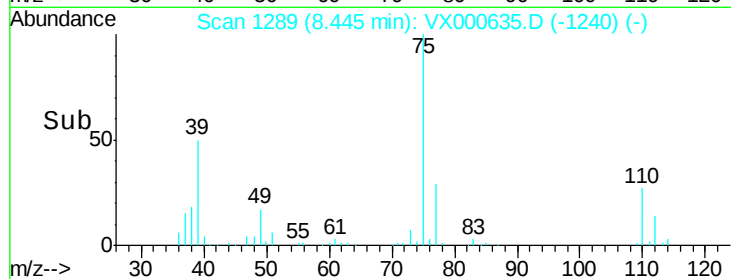
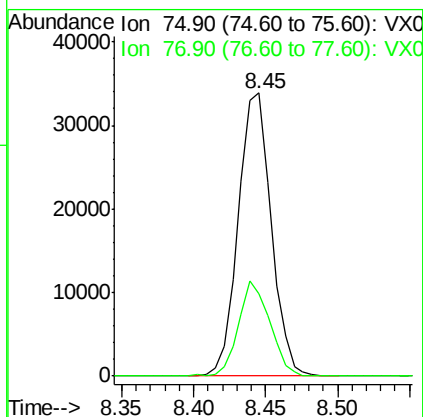
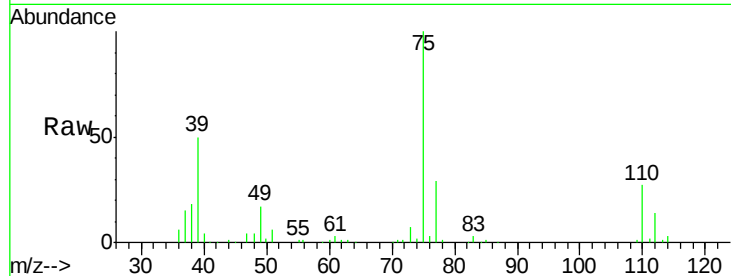




#53
 t-1,3-Dichloropropene
 Concen: 17.91 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000635.D
 Acq: 02 Apr 2018 12:43

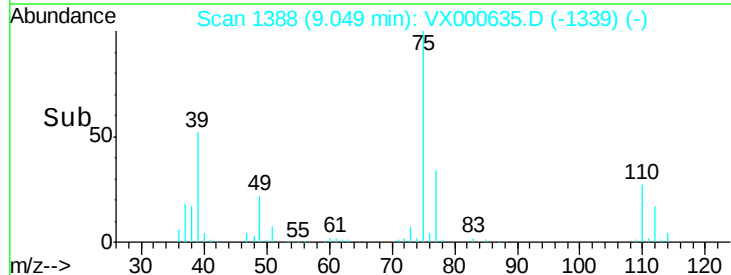
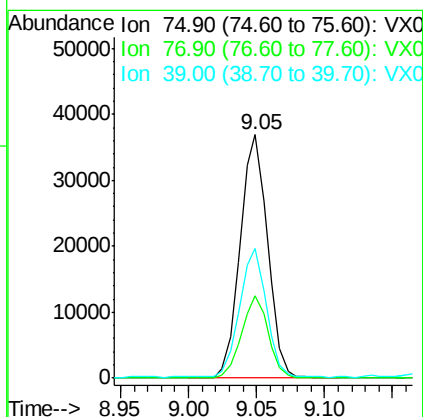
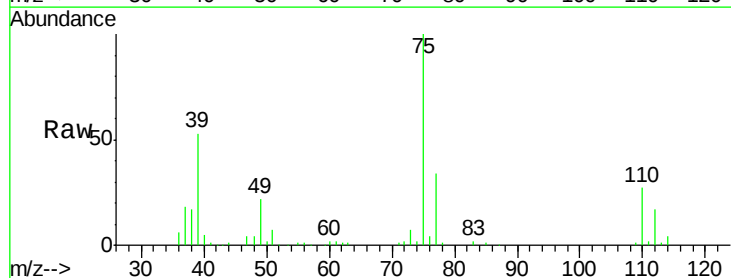
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

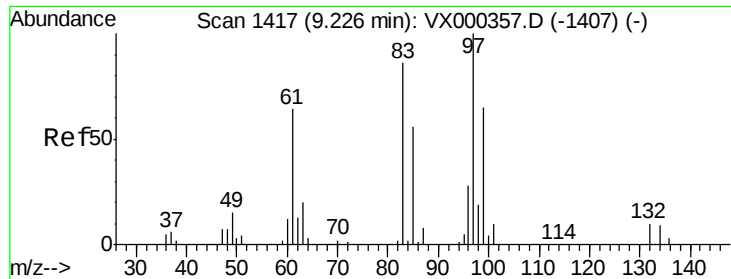
Tgt Ion: 75 Resp: 53844
 Ion Ratio Lower Upper
 75 100
 77 29.3 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 17.85 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000635.D
 Acq: 02 Apr 2018 12:43

Tgt Ion: 75 Resp: 52072
 Ion Ratio Lower Upper
 75 100
 77 33.9 26.1 39.1
 39 52.6 39.8 59.6

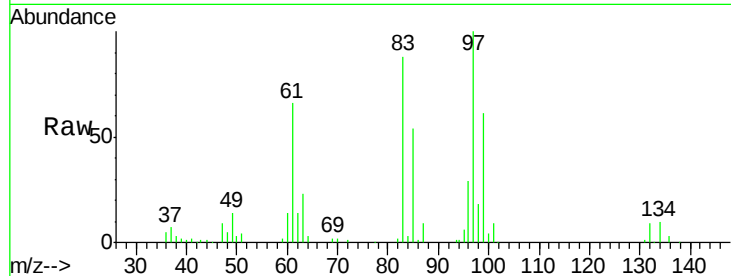




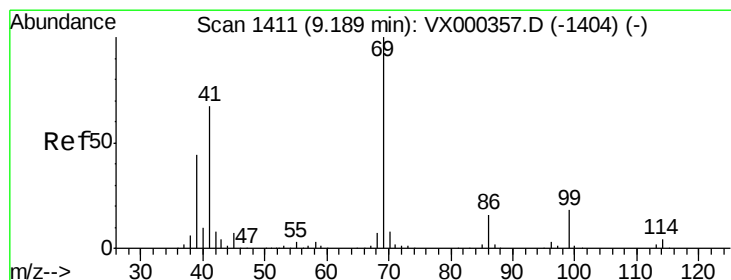
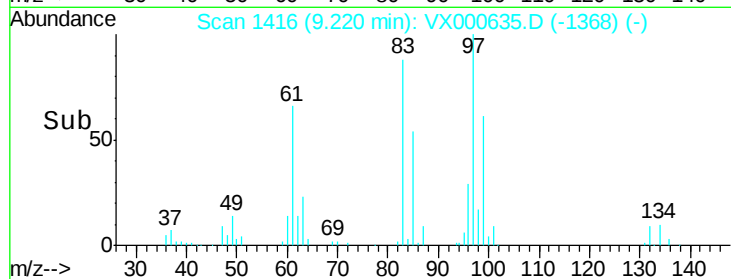
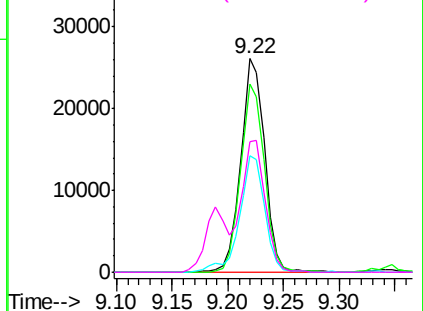
#55
 1,1,2-Trichloroethane
 Concen: 18.41 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000635.D
 Acq: 02 Apr 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

Tgt Ion:	97	Resp:	38840
Ion	Ratio	Lower	Upper
97	100		
83	87.9	67.9	101.9
85	54.4	42.8	64.2
99	61.2	49.4	74.2

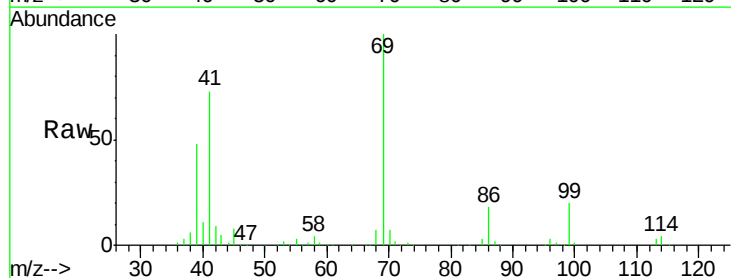


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

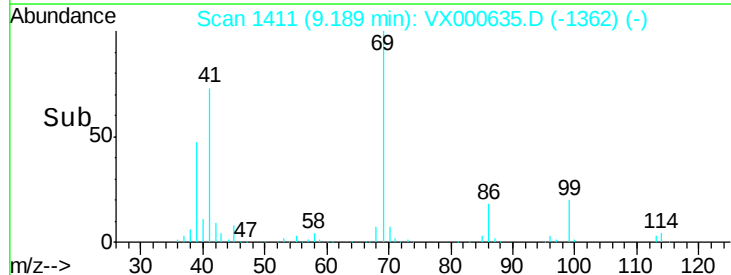
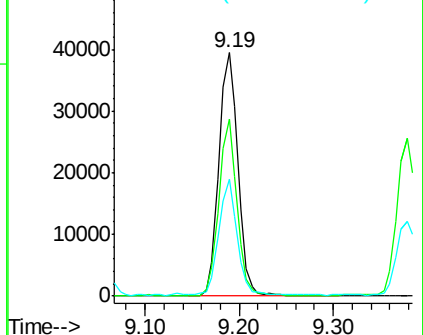


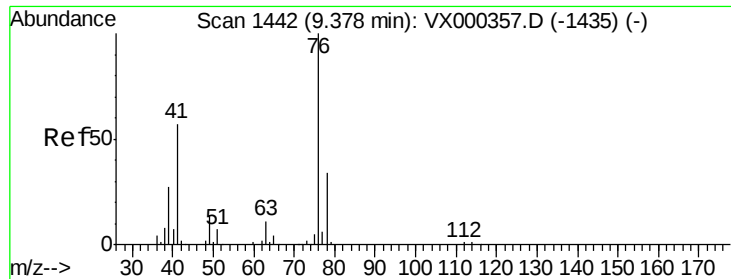
#56
 Ethyl methacrylate
 Concen: 17.38 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000635.D
 Acq: 02 Apr 2018 12:43

Tgt Ion:	69	Resp:	55591
Ion	Ratio	Lower	Upper
69	100		
41	69.4	53.0	79.6
39	44.9	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: 18.52 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

Instrument :

MSVOA_X

ClientSampled :

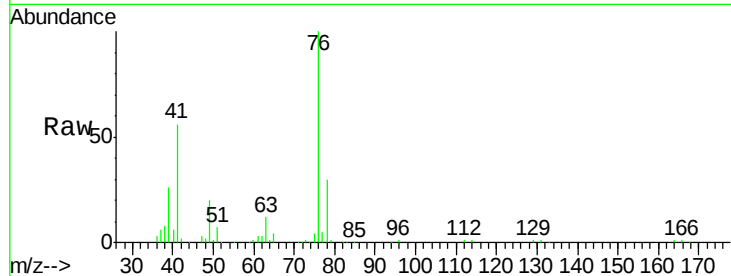
VX0402WBS01

Tgt Ion: 76 Resp: 62522

Ion Ratio Lower Upper

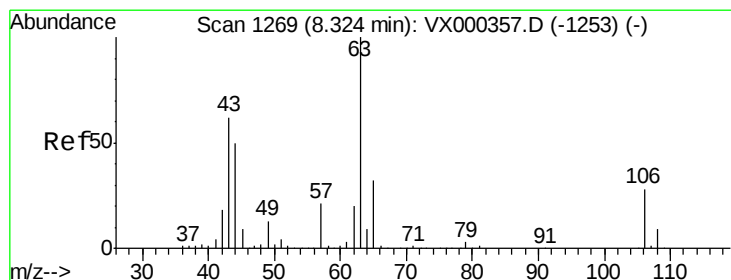
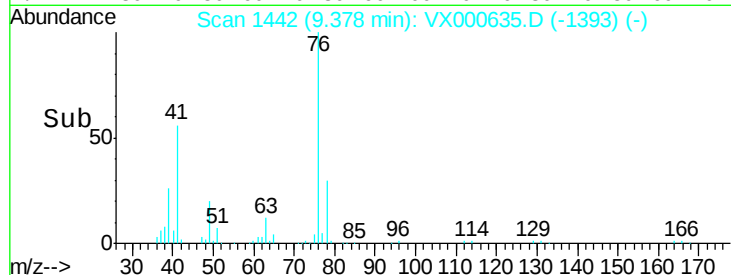
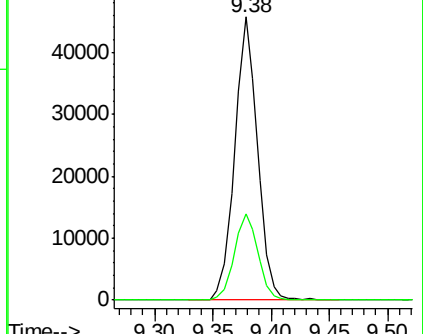
76 100

78 31.6 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 80.27 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000635.D

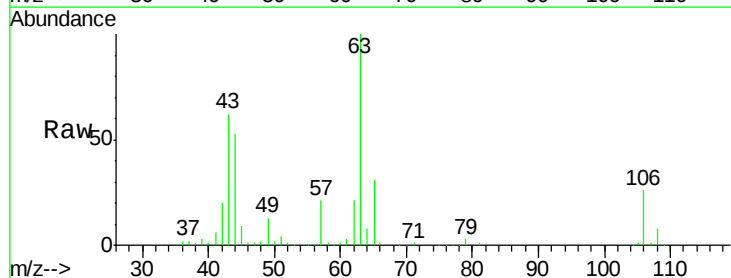
Acq: 02 Apr 2018 12:43

Tgt Ion: 63 Resp: 123189

Ion Ratio Lower Upper

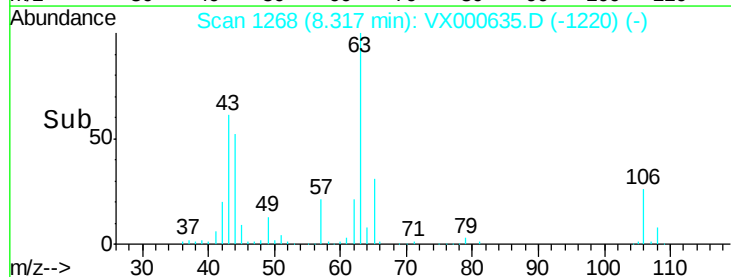
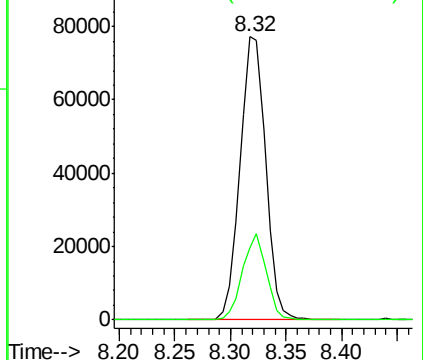
63 100

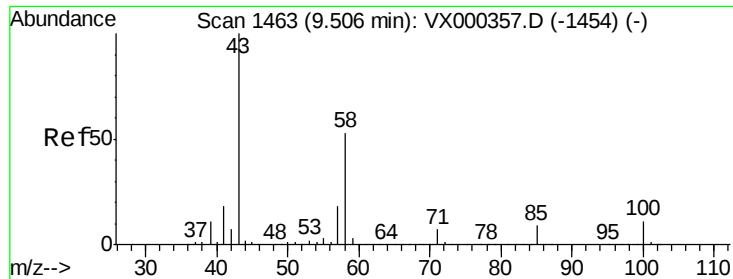
106 28.6 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

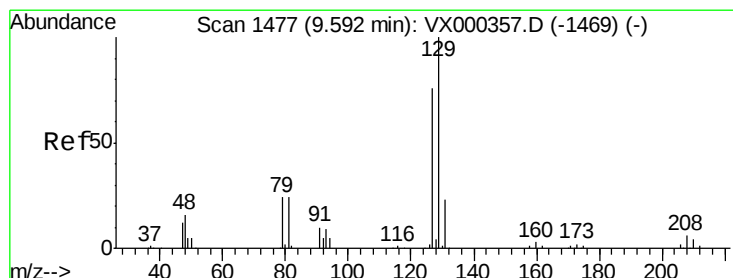
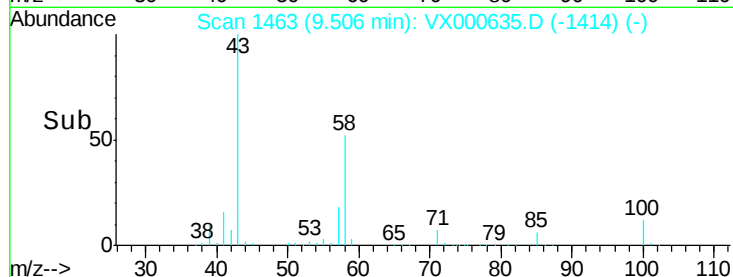
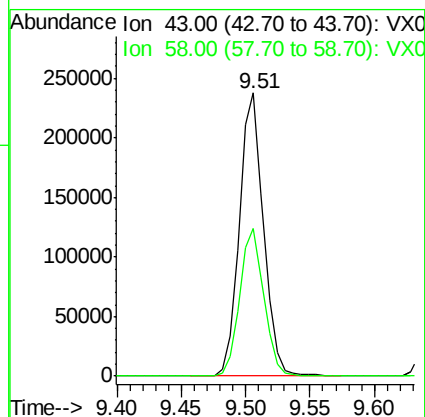
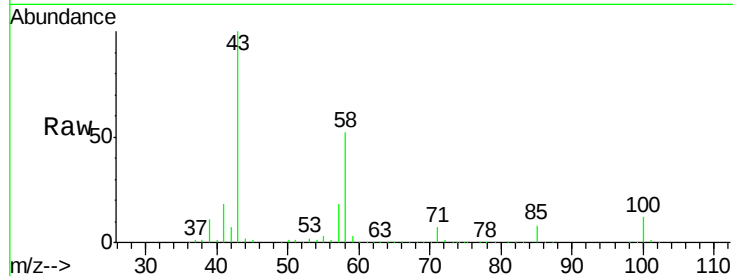




#59
2-Hexanone
Concen: 91.44 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000635.D
Acq: 02 Apr 2018 12:43

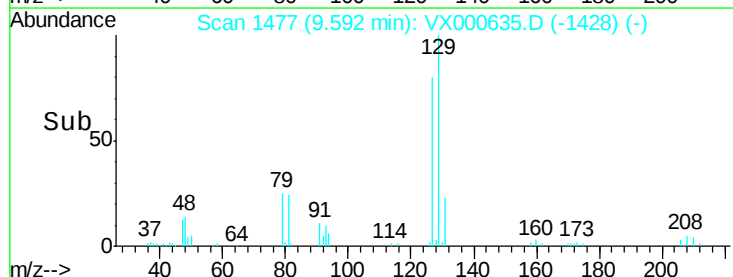
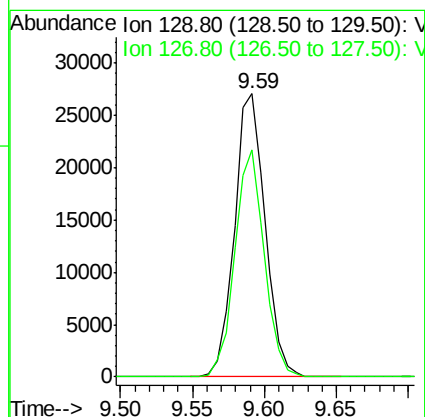
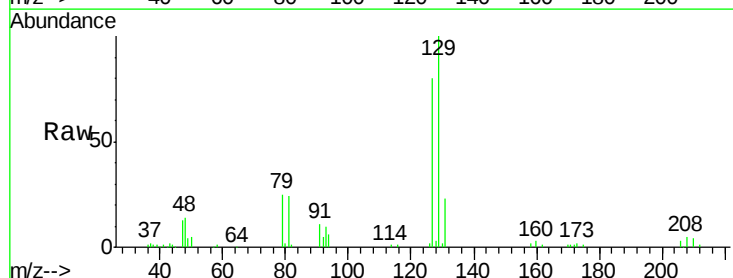
Instrument :
MSVOA_X
ClientSampled :
VX0402WBS01

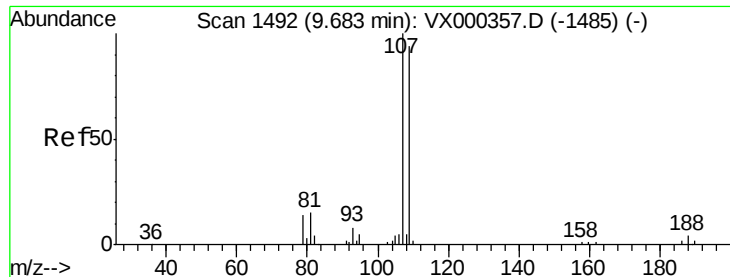
Tgt Ion: 43 Resp: 308880
Ion Ratio Lower Upper
43 100
58 52.4 26.6 79.7



#60
Dibromochloromethane
Concen: 18.84 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000635.D
Acq: 02 Apr 2018 12:43

Tgt Ion: 129 Resp: 40070
Ion Ratio Lower Upper
129 100
127 77.1 37.9 113.6





#61

1,2-Dibromoethane

Concen: 18.39 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

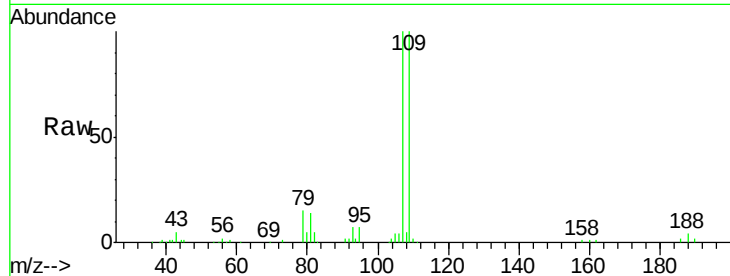
VX0402WBS01

Tgt Ion: 107 Resp: 41615

Ion Ratio Lower Upper

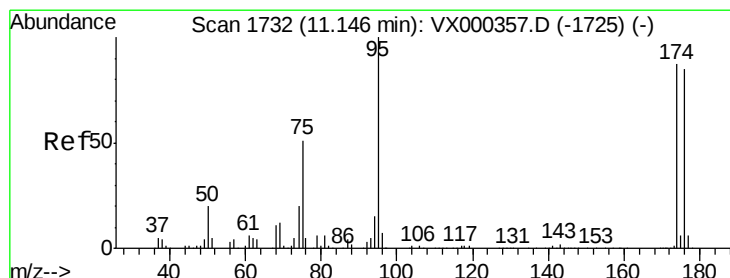
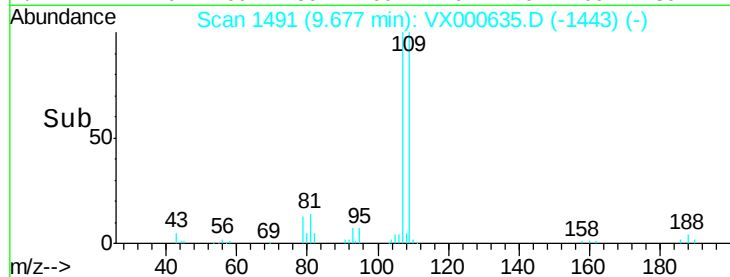
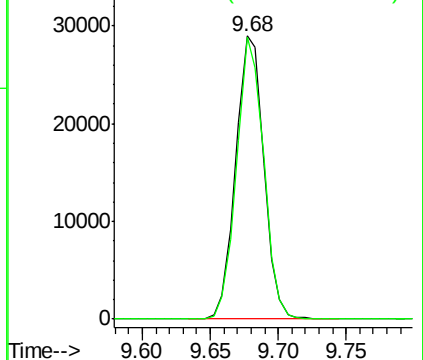
107 100

109 96.1 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.72 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

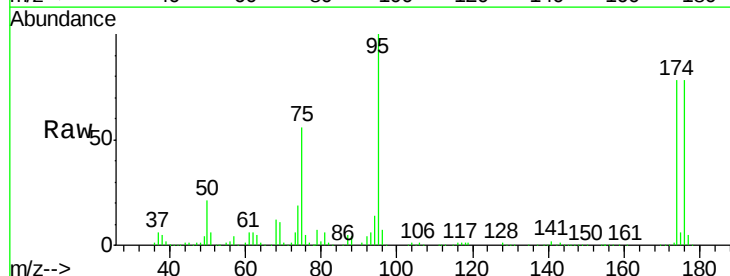
Tgt Ion: 95 Resp: 130868

Ion Ratio Lower Upper

95 100

174 87.0 0.0 173.6

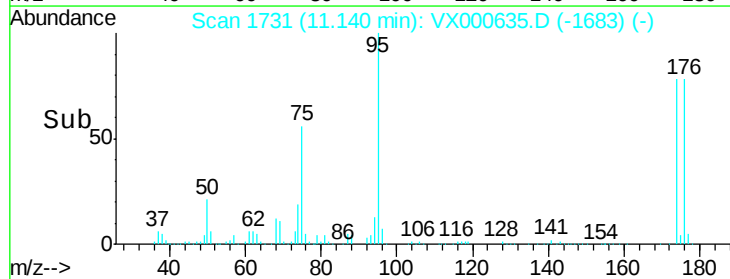
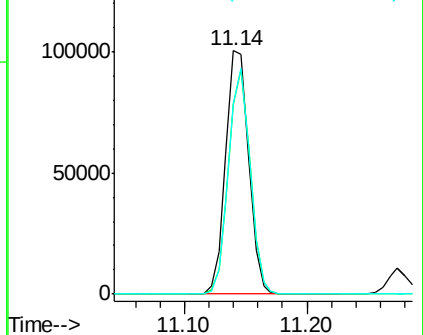
176 86.7 0.0 164.6

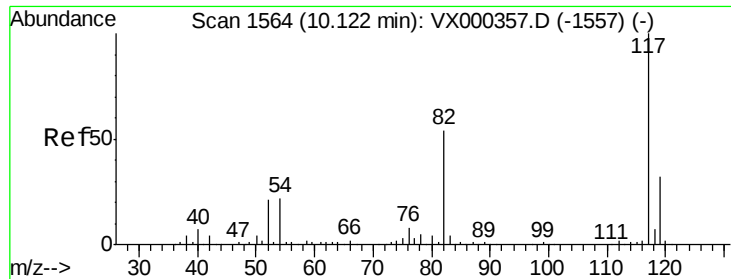


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

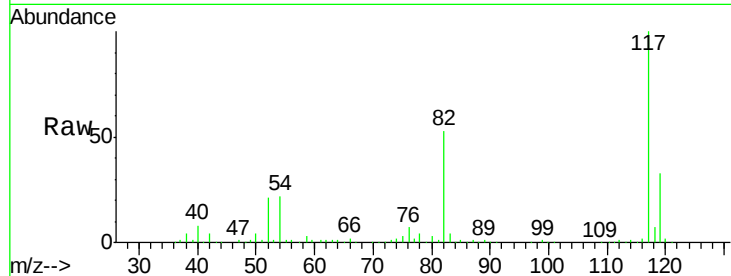




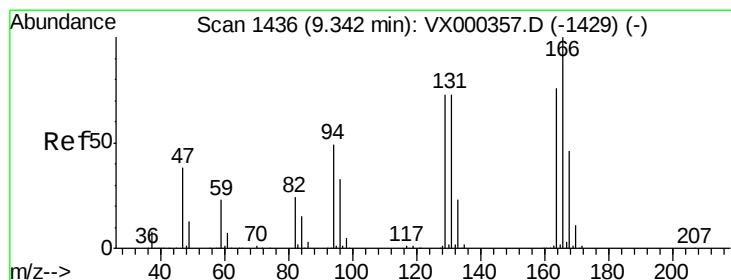
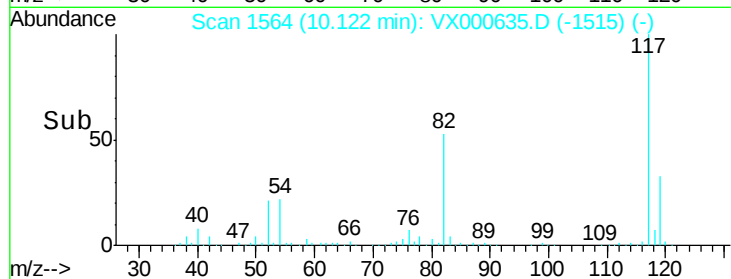
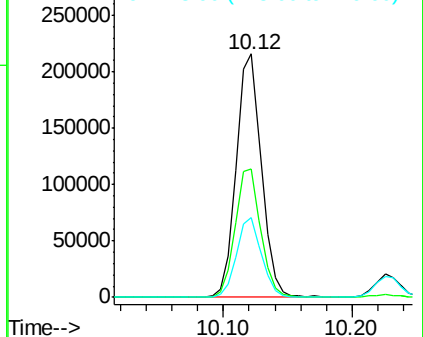
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000635.D
Acq: 02 Apr 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

Tgt Ion:117 Resp: 293701
Ion Ratio Lower Upper
117 100
82 52.5 43.8 65.8
119 32.9 24.9 37.3



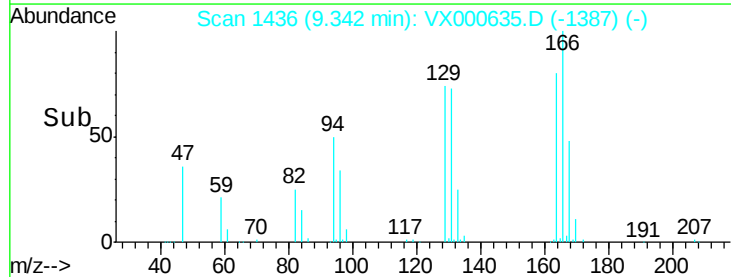
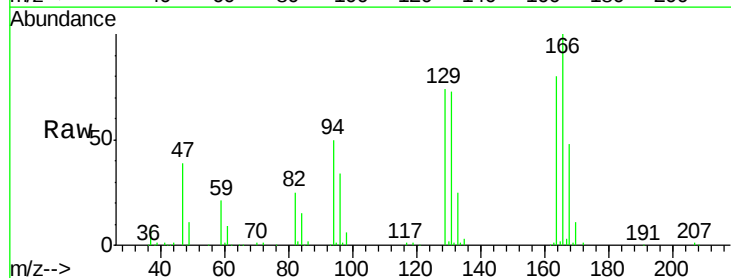
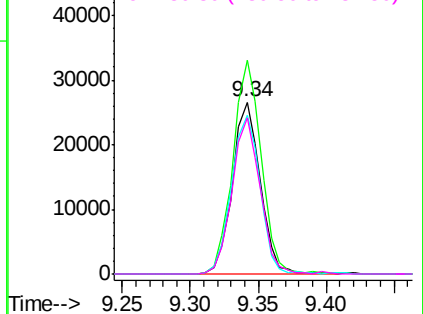
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

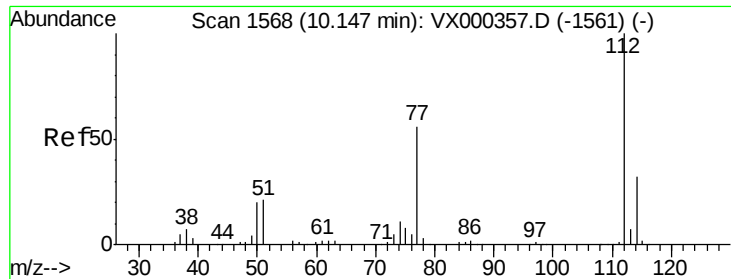


#64
Tetrachloroethene
Concen: 16.71 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000635.D
Acq: 02 Apr 2018 12:43

Tgt Ion:164 Resp: 38076
Ion Ratio Lower Upper
164 100
166 124.3 101.0 151.6
129 92.1 79.0 118.4
131 90.6 71.9 107.9

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

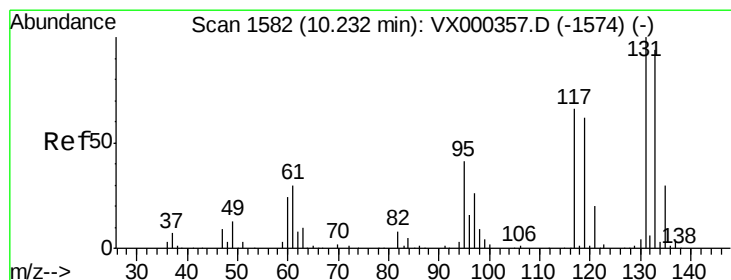
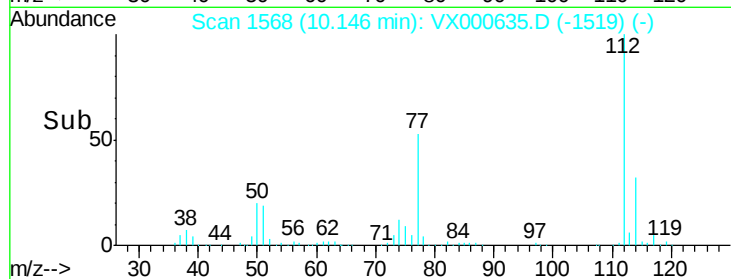
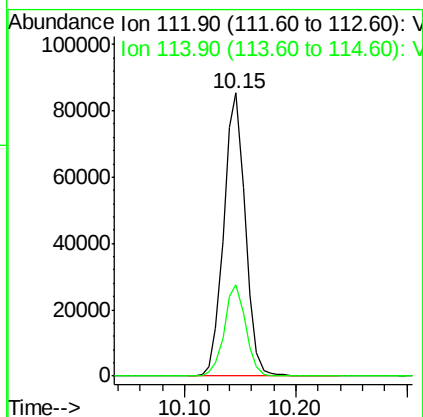
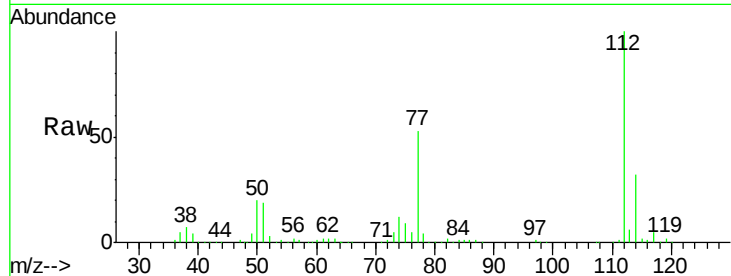




#65
Chlorobenzene
Concen: 17.43 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000635.D
Acq: 02 Apr 2018 12:43

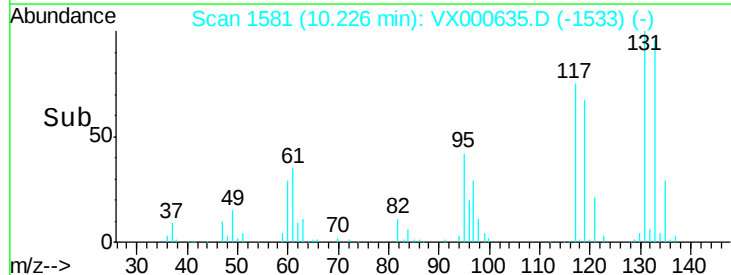
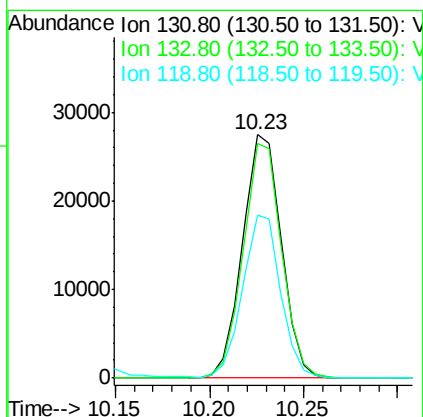
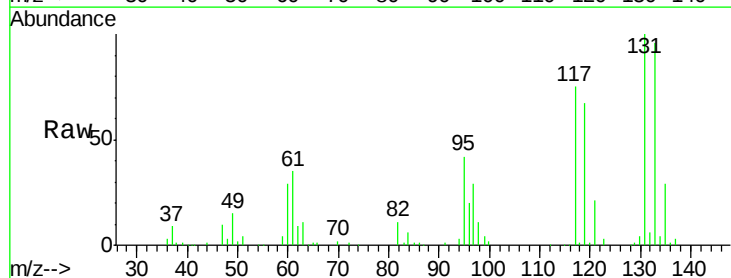
Instrument :
MSVOA_X
ClientSampled :
VX0402WBS01

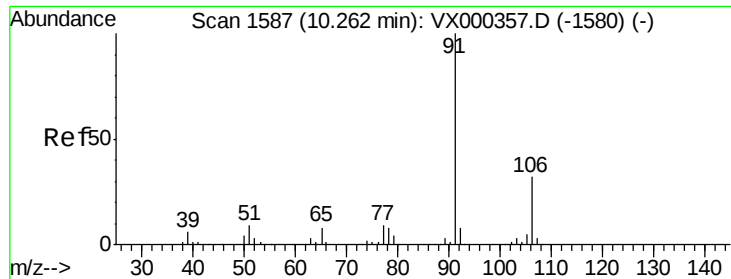
Tgt Ion:112 Resp: 113929
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 17.67 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000635.D
Acq: 02 Apr 2018 12:43

Tgt Ion:131 Resp: 39229
Ion Ratio Lower Upper
131 100
133 95.7 47.1 141.3
119 65.7 33.1 99.2

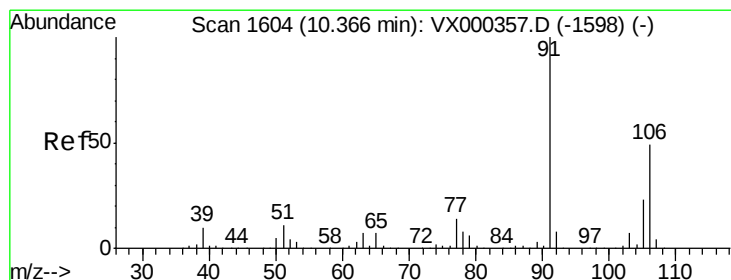
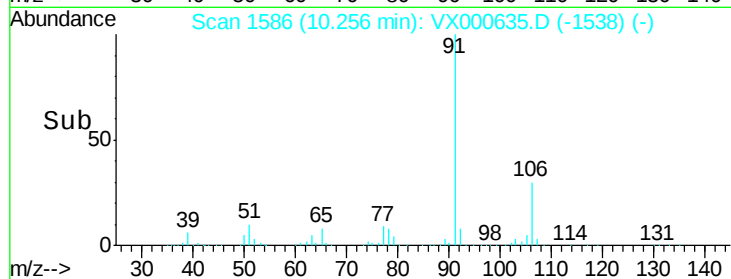
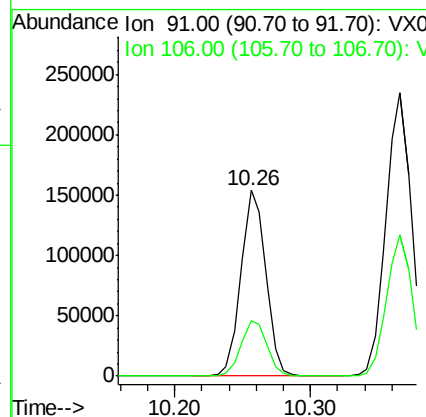
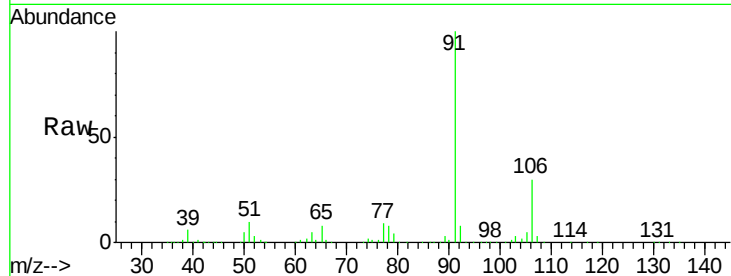




#67
Ethyl Benzene
Concen: 17.73 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000635.D
Acq: 02 Apr 2018 12:43

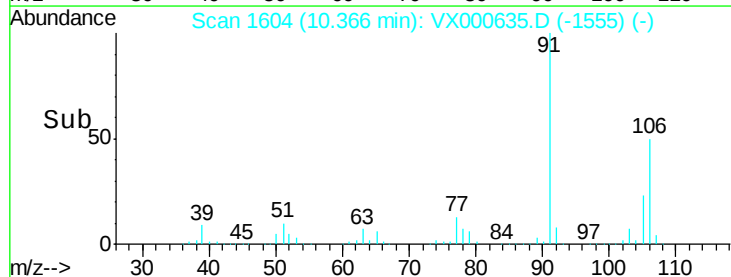
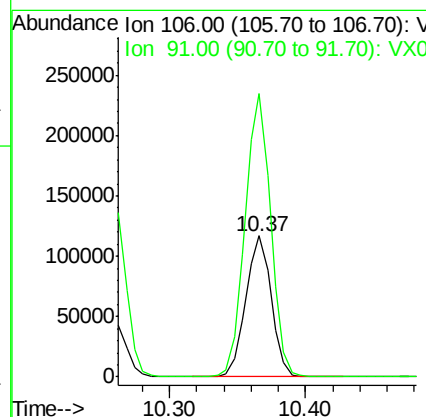
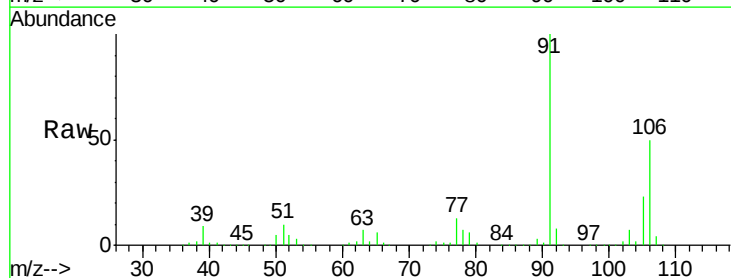
Instrument :
MSVOA_X
ClientSampled :
VX0402WBS01

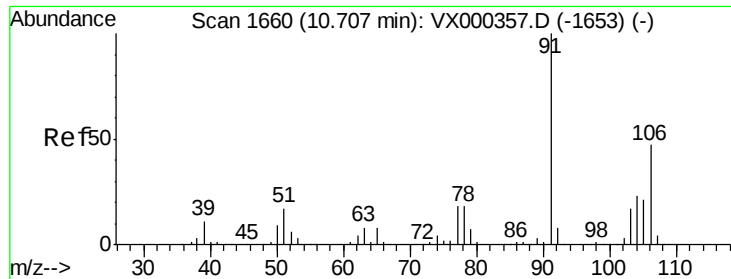
Tgt Ion: 91 Resp: 196399
Ion Ratio Lower Upper
91 100
106 30.1 25.0 37.6



#68
m/p-Xylenes
Concen: 35.10 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000635.D
Acq: 02 Apr 2018 12:43

Tgt Ion: 106 Resp: 153046
Ion Ratio Lower Upper
106 100
91 201.2 163.4 245.2

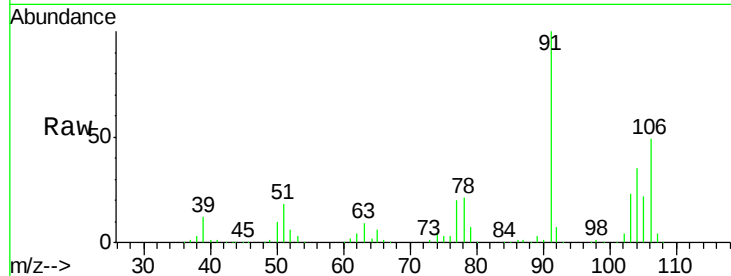




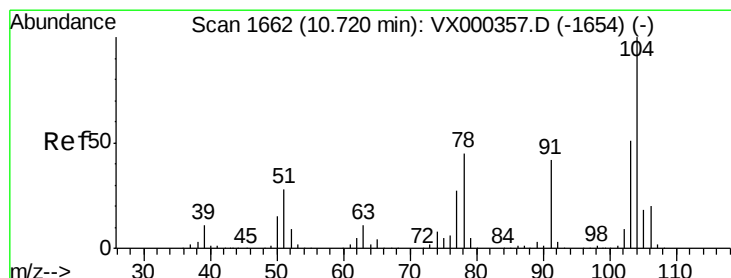
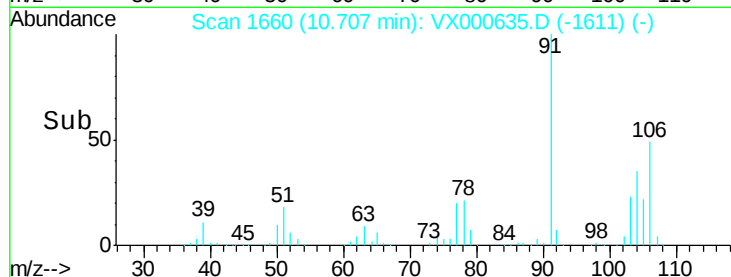
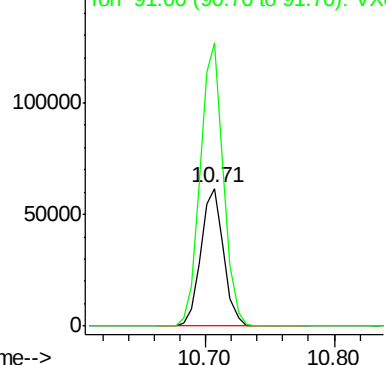
#69
o-Xylene
Concen: 18.09 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000635.D
Acq: 02 Apr 2018 12:43

Instrument :
MSVOA_X
ClientSampled :
VX0402WBS01

Tgt Ion:106 Resp: 76359
Ion Ratio Lower Upper
106 100
91 208.6 106.5 319.6

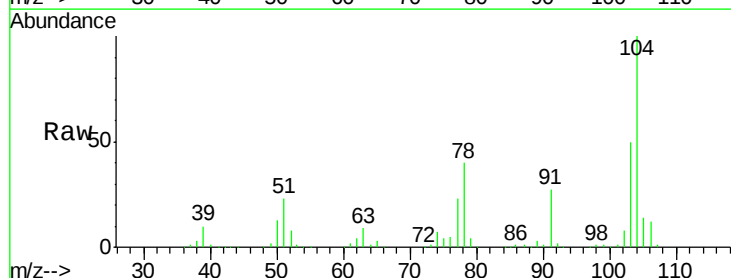


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

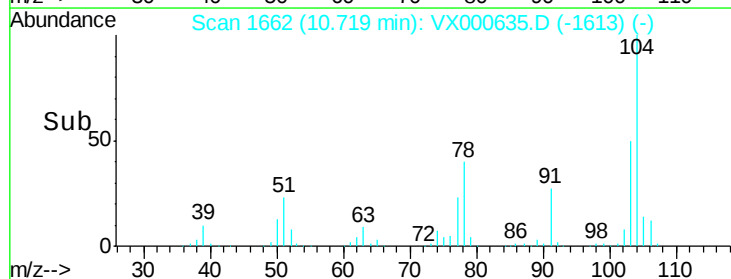
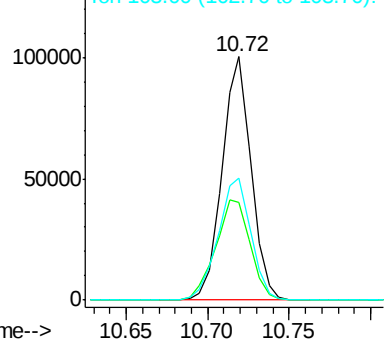


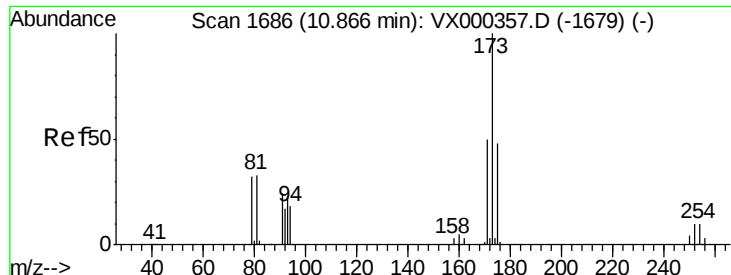
#70
Styrene
Concen: 17.84 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000635.D
Acq: 02 Apr 2018 12:43

Tgt Ion:104 Resp: 124631
Ion Ratio Lower Upper
104 100
78 49.3 40.5 60.7
103 56.8 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

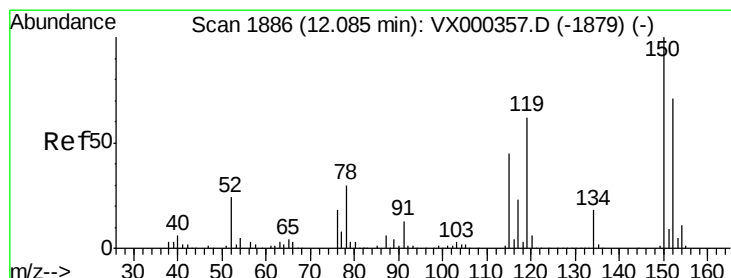
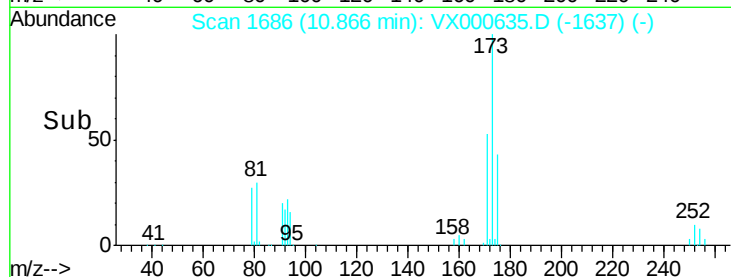
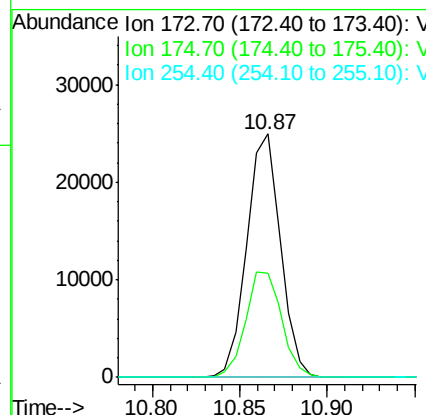
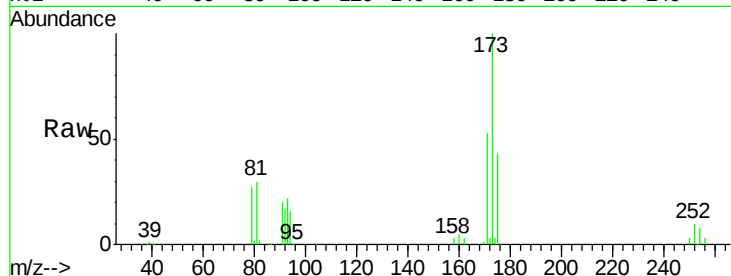




#71
Bromoform
Concen: 17.79 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000635.D
Acq: 02 Apr 2018 12:43

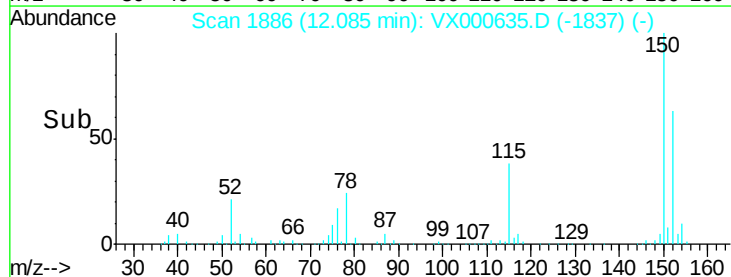
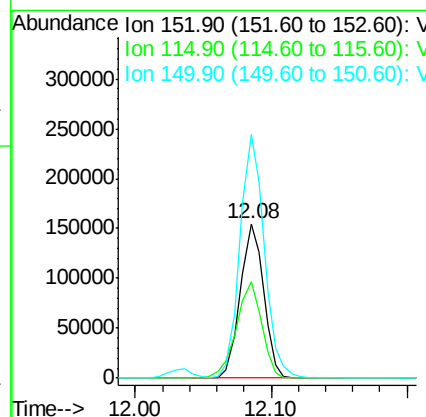
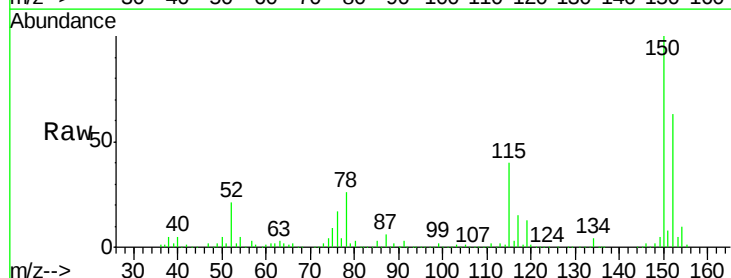
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

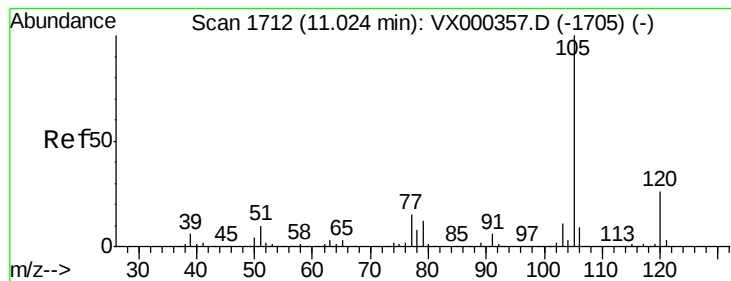
Tgt Ion:173 Resp: 33280
Ion Ratio Lower Upper
173 100
175 46.3 25.4 76.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000635.D
Acq: 02 Apr 2018 12:43

Tgt Ion:152 Resp: 184792
Ion Ratio Lower Upper
152 100
115 68.0 39.8 119.3
150 164.5 0.0 344.4





#73

Isopropylbenzene

Concen: 16.97 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

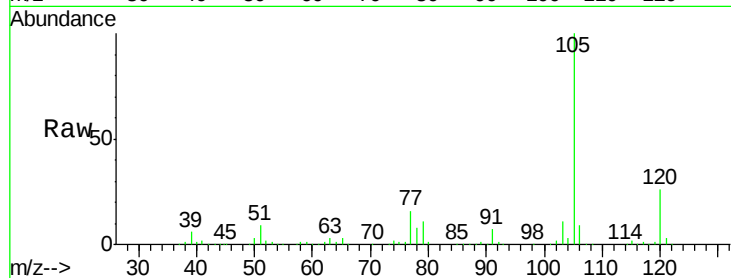
VX0402WBS01

Tgt Ion: 105 Resp: 207828

Ion Ratio Lower Upper

105 100

120 26.5 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

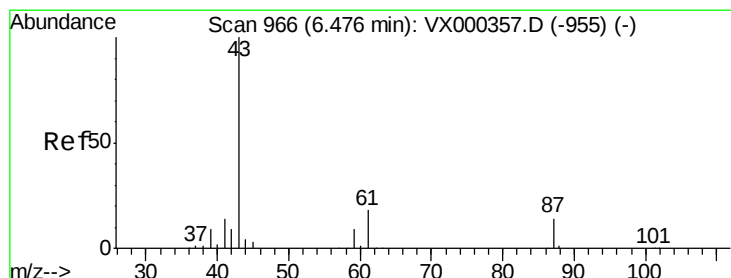
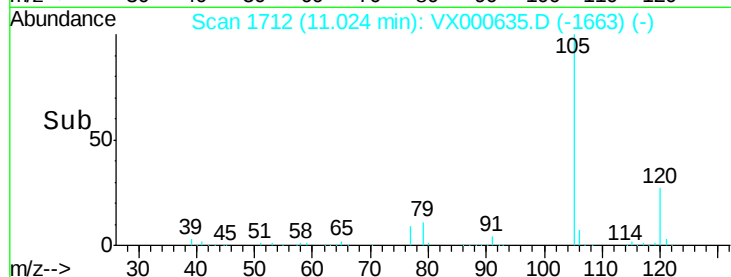
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 14.08 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

Tgt Ion: 43 Resp: 87762

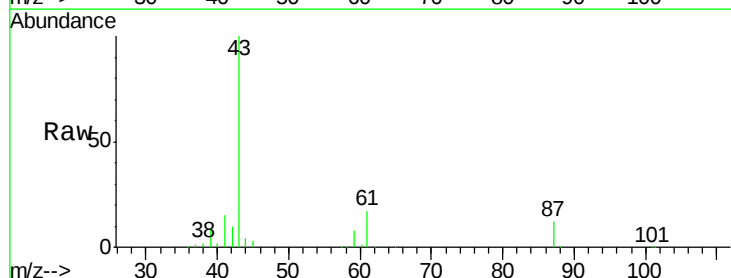
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 17.6 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

50000

40000

30000

20000

10000

0

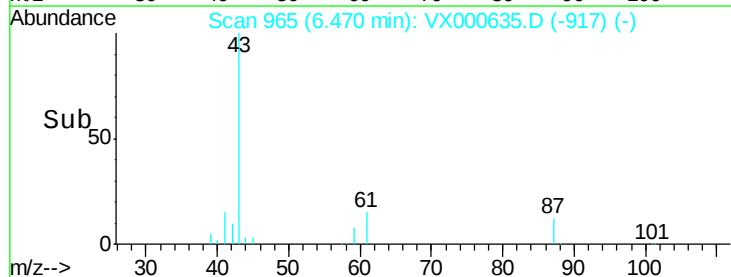
6.47

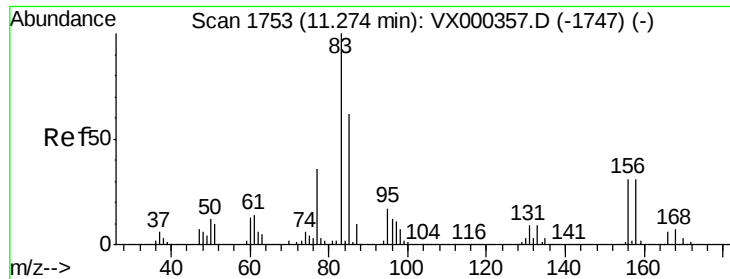
6.40

6.50

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 16.76 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

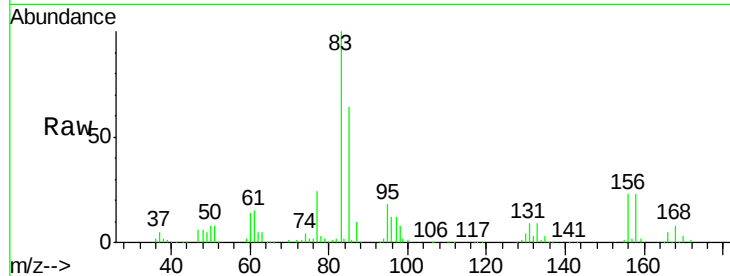
Tgt Ion: 83 Resp: 72572

Ion Ratio Lower Upper

83 100

131 10.5 5.0 14.9

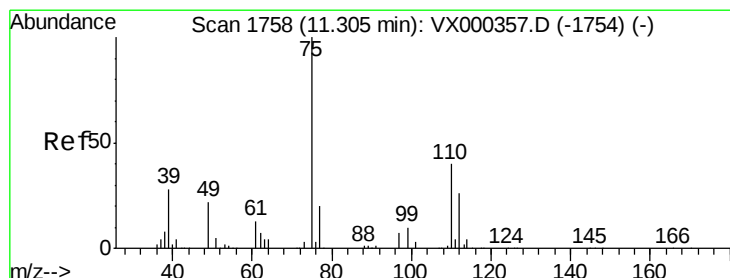
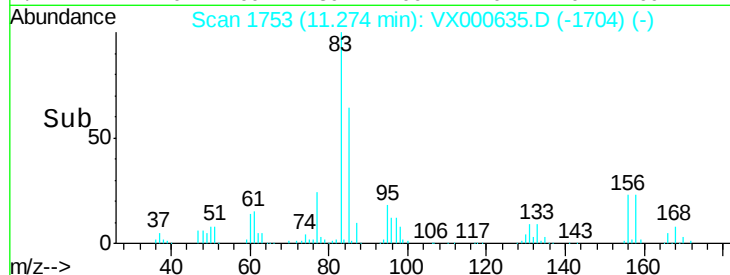
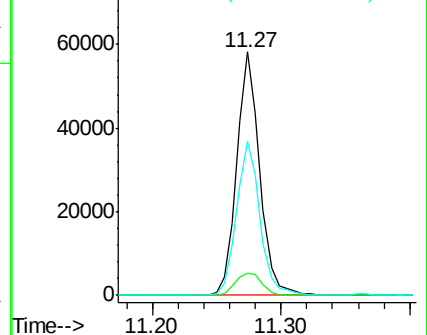
85 64.9 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.09 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000635.D

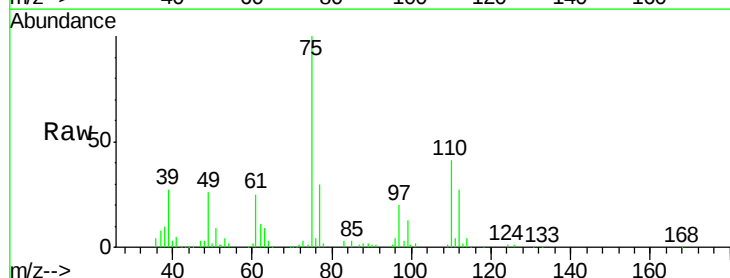
Acq: 02 Apr 2018 12:43

Tgt Ion: 75 Resp: 83758

Ion Ratio Lower Upper

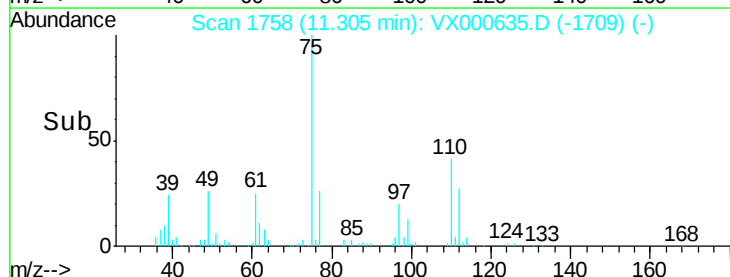
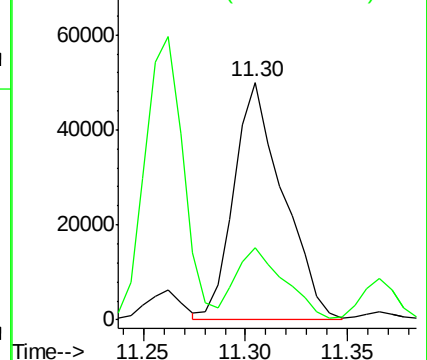
75 100

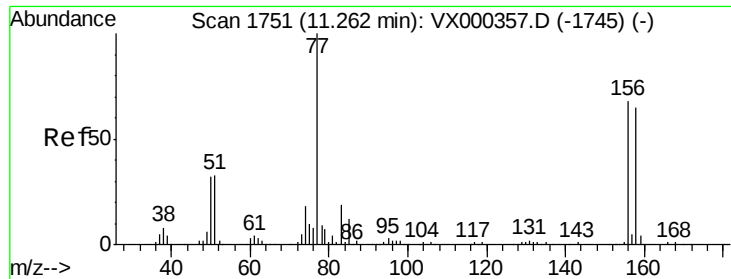
77 30.1 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 15.59 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

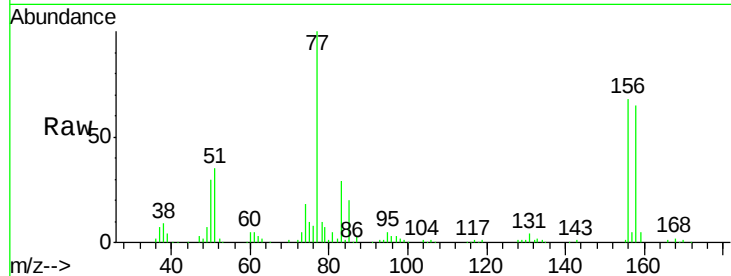
Tgt Ion:156 Resp: 50862

Ion Ratio Lower Upper

156 100

77 152.7 73.4 220.2

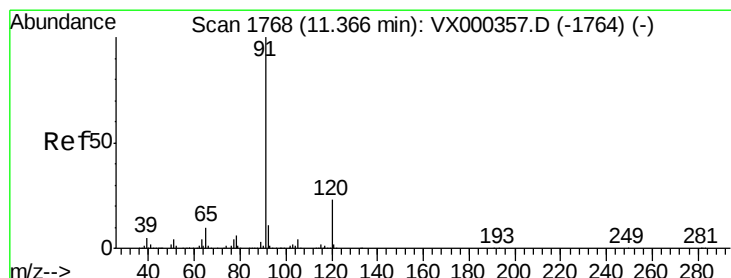
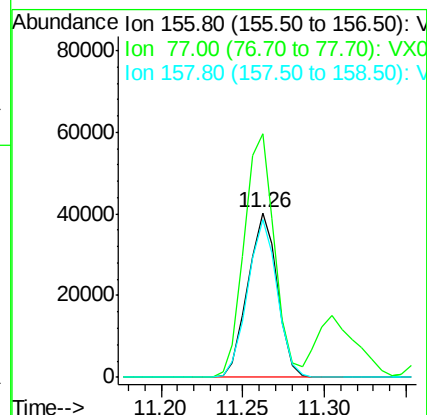
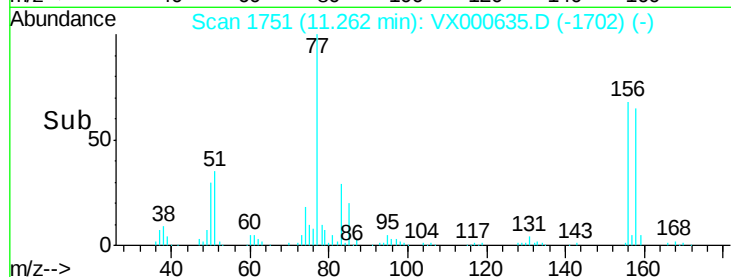
158 96.0 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.46 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000635.D

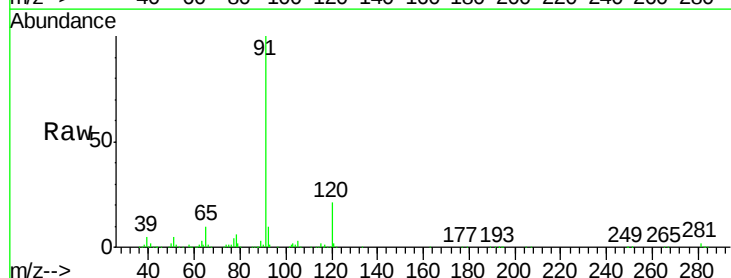
Acq: 02 Apr 2018 12:43

Tgt Ion: 91 Resp: 254933

Ion Ratio Lower Upper

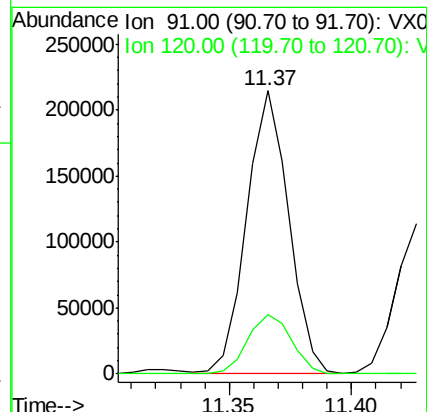
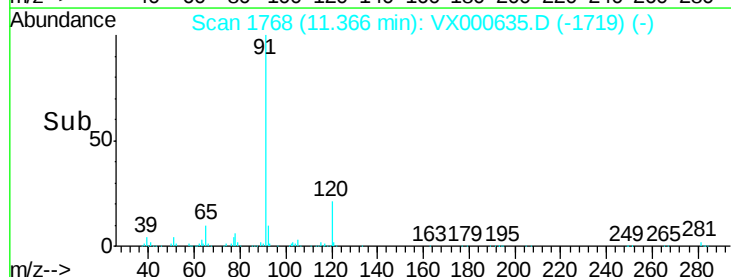
91 100

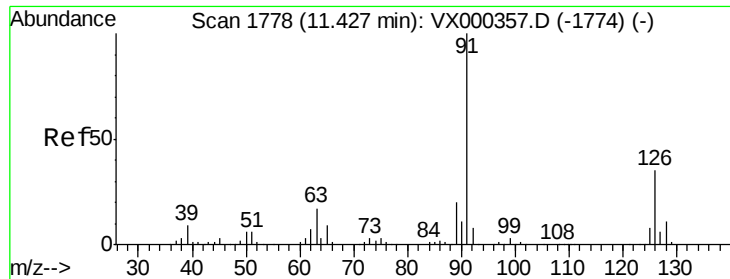
120 22.2 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

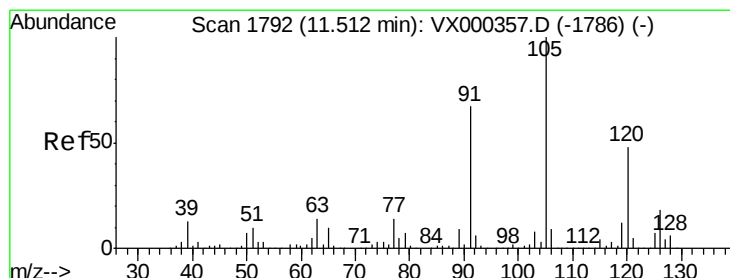
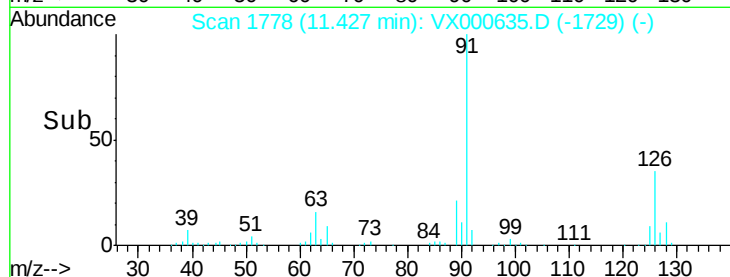
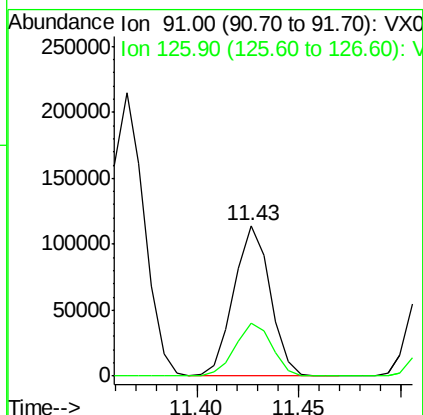
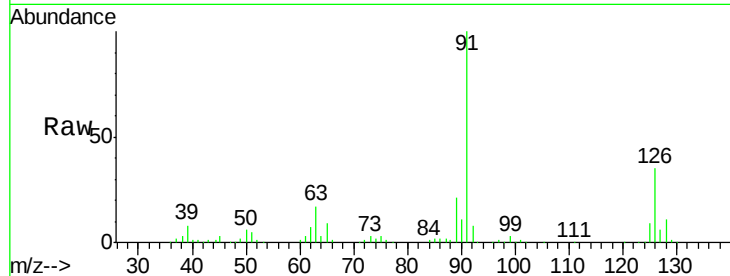




#79
 2-Chlorotoluene
 Concen: 16.62 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000635.D
 Acq: 02 Apr 2018 12:43

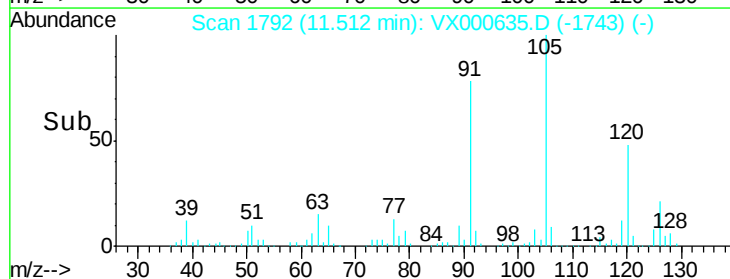
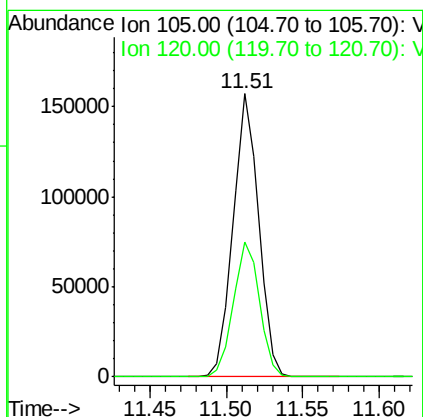
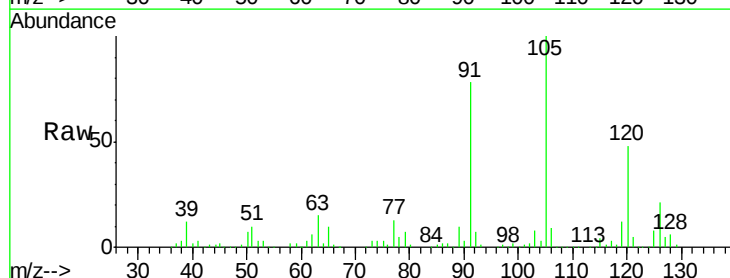
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

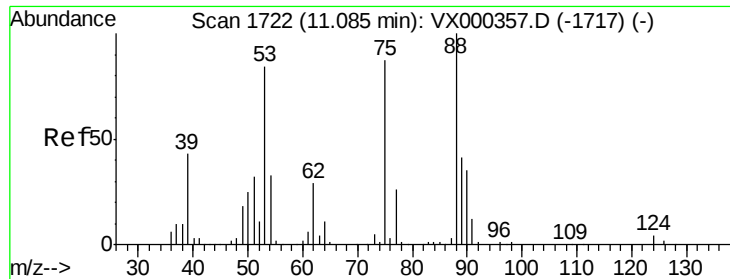
Tgt Ion: 91 Resp: 140163
 Ion Ratio Lower Upper
 91 100
 126 36.0 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 17.70 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000635.D
 Acq: 02 Apr 2018 12:43

Tgt Ion: 105 Resp: 182233
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.1 72.4

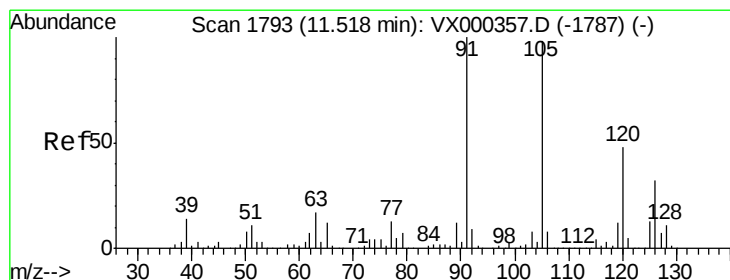
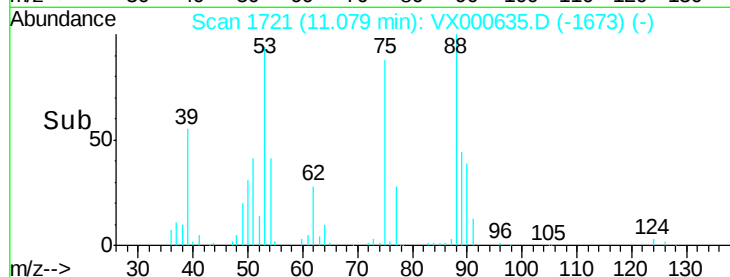
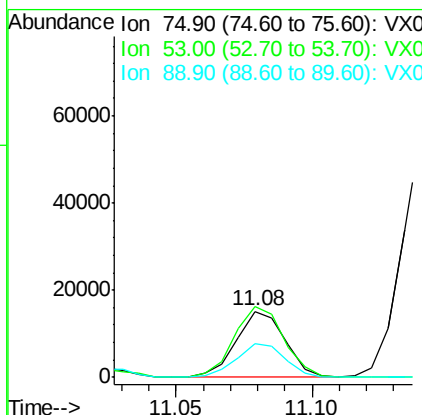
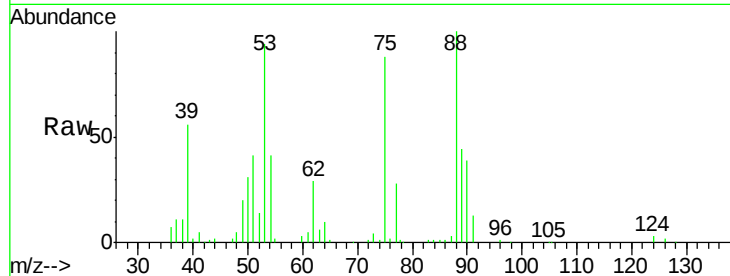




#81
trans-1,4-Dichloro-2-butene
Concen: 15.42 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.01 min
Lab File: VX000635.D
Acq: 02 Apr 2018 12:43

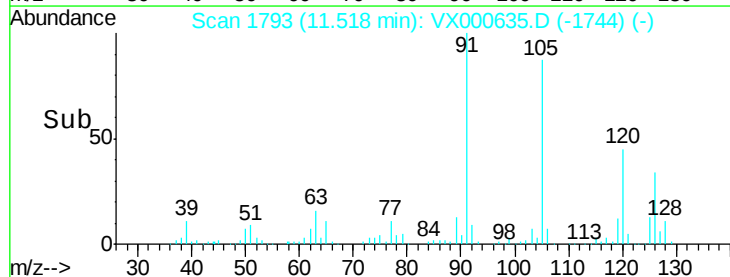
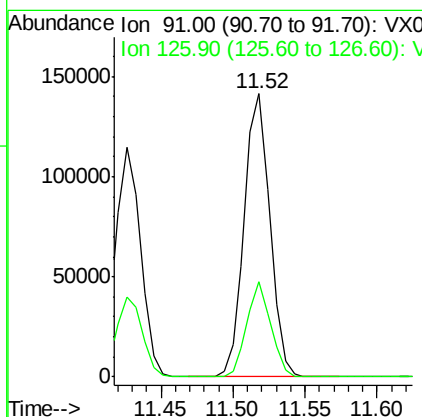
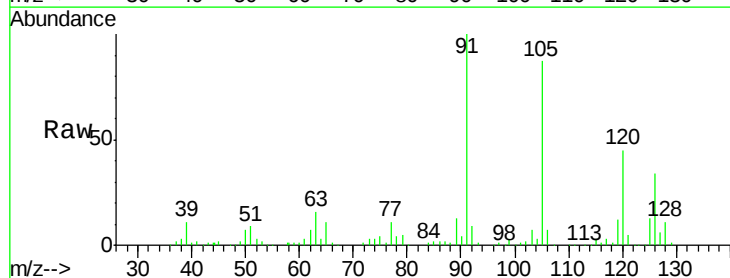
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

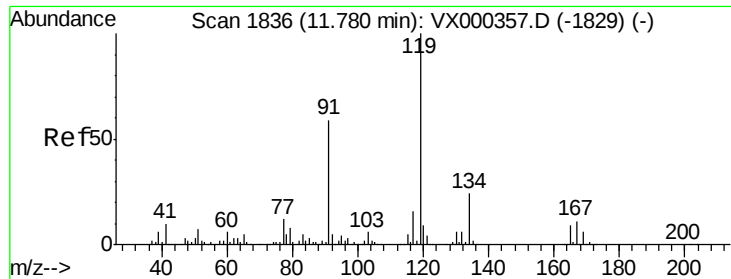
Tgt Ion: 75 Resp: 18917
Ion Ratio Lower Upper
75 100
53 109.5 80.7 121.1
89 51.0 39.4 59.0



#82
4-Chlorotoluene
Concen: 17.40 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000635.D
Acq: 02 Apr 2018 12:43

Tgt Ion: 91 Resp: 175197
Ion Ratio Lower Upper
91 100
126 31.2 15.4 46.1

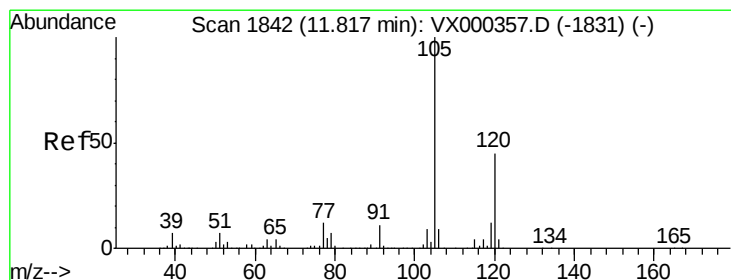
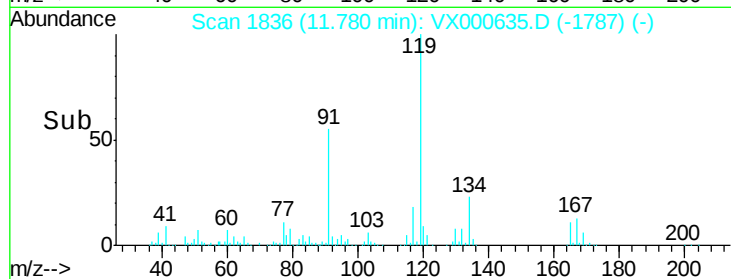
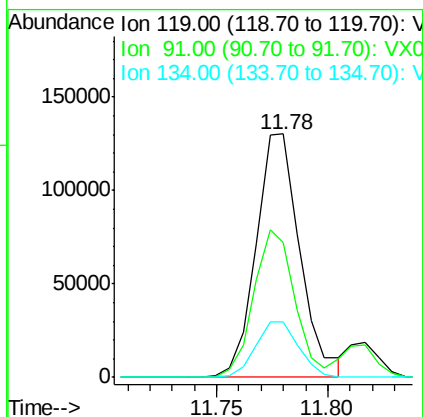
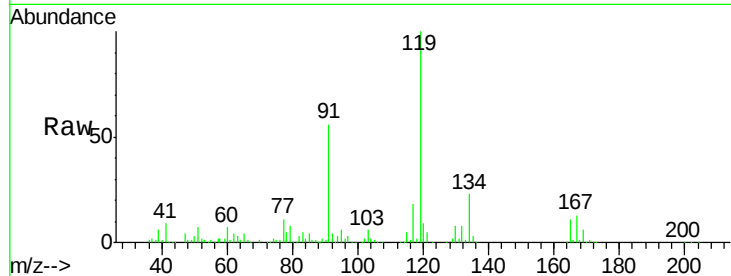




#83
 tert-Butylbenzene
 Concen: 17.22 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000635.D
 Acq: 02 Apr 2018 12:43

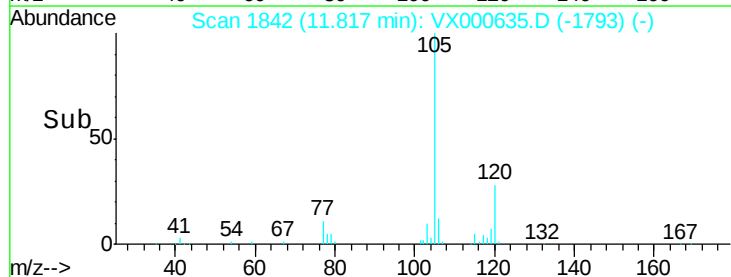
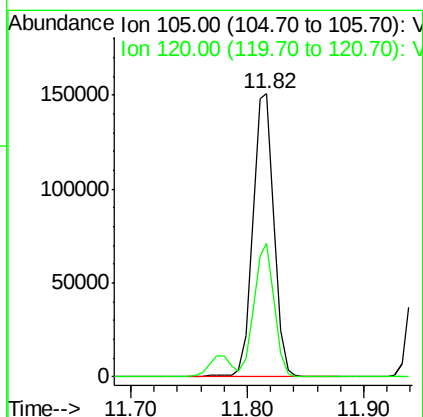
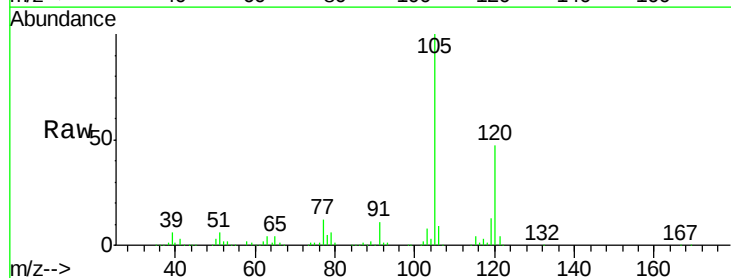
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

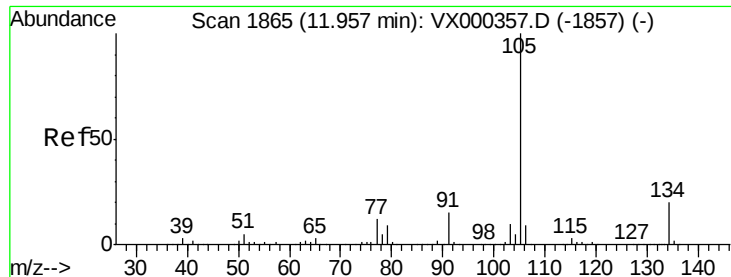
Tgt Ion:119 Resp: 178837
 Ion Ratio Lower Upper
 119 100
 91 56.6 28.8 86.4
 134 22.4 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 17.56 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000635.D
 Acq: 02 Apr 2018 12:43

Tgt Ion:105 Resp: 189582
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3

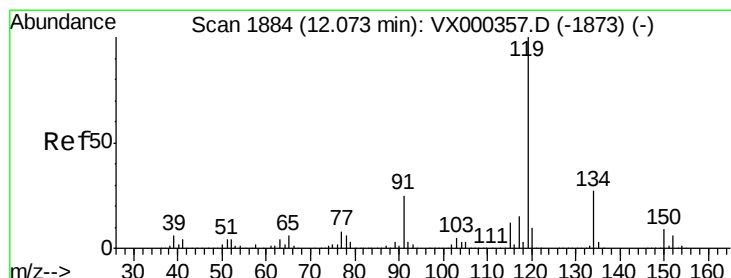
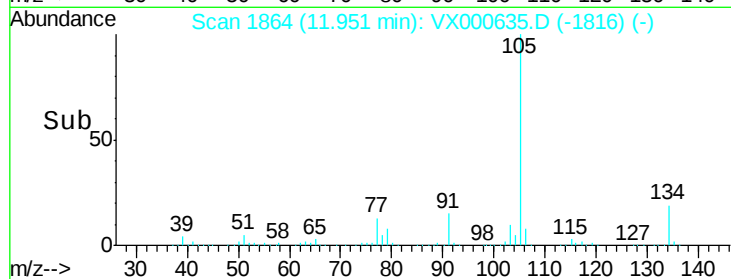
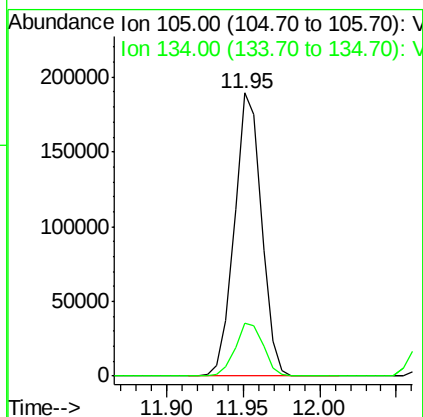
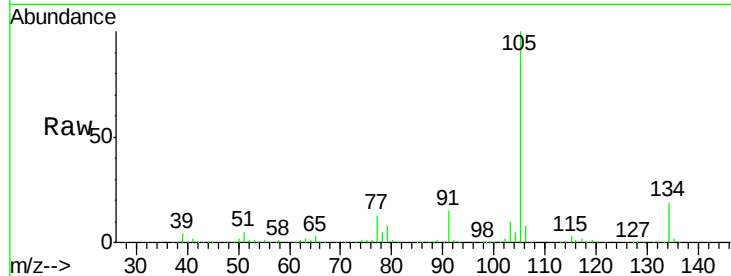




#85
 sec-Butylbenzene
 Concen: 18.06 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: VX000635.D
 Acq: 02 Apr 2018 12:43

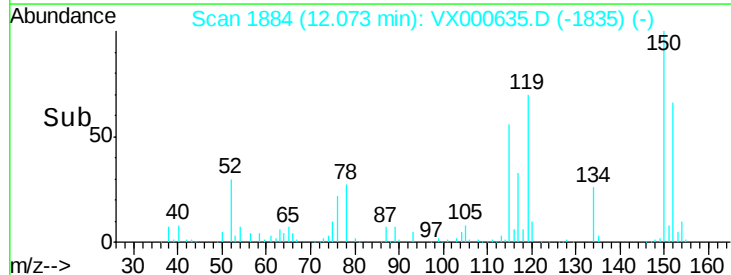
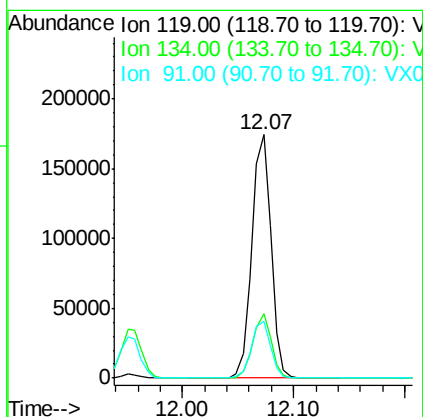
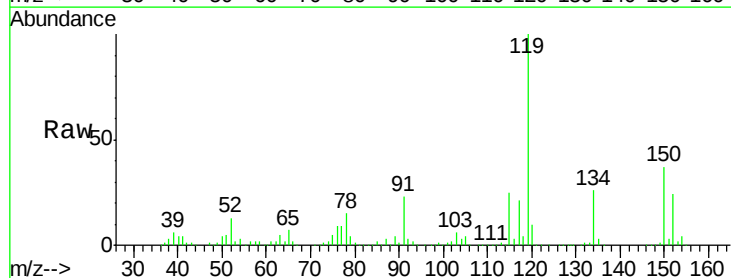
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

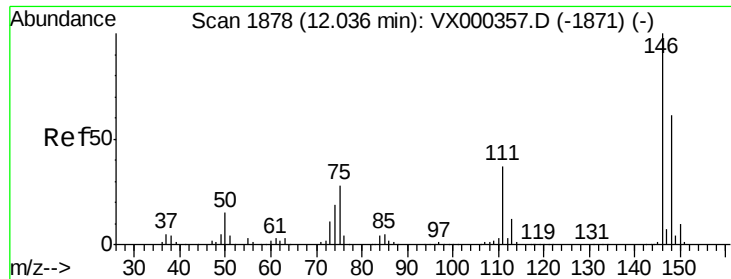
Tgt Ion:105 Resp: 232008
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 18.24 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000635.D
 Acq: 02 Apr 2018 12:43

Tgt Ion:119 Resp: 208166
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.3 39.9
 91 23.6 12.0 36.1

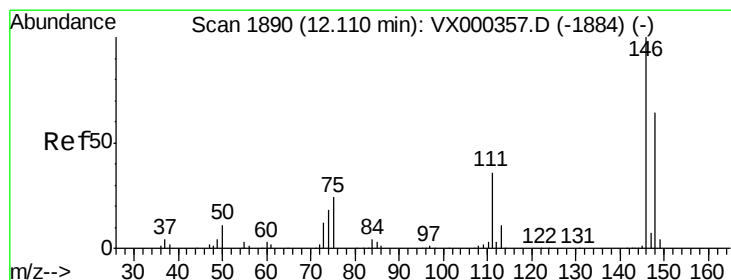
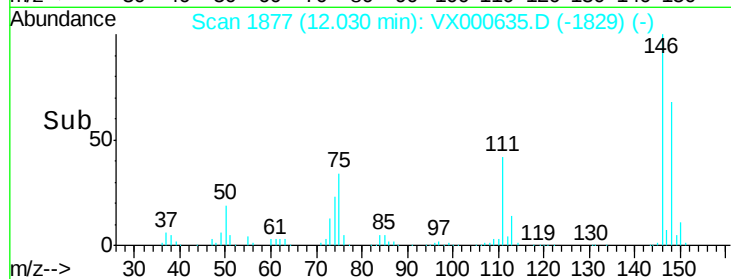
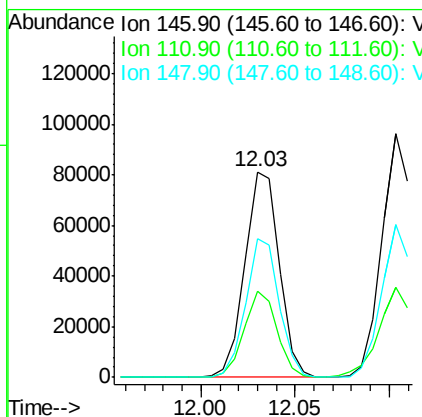
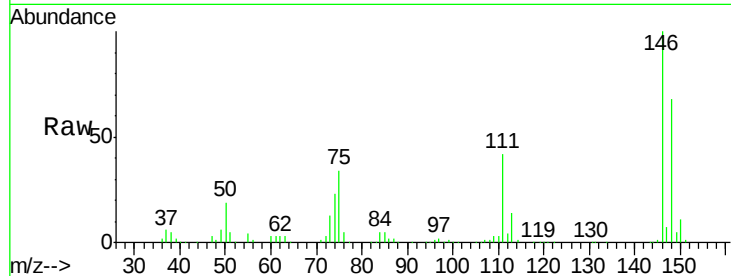




#87
 1,3-Dichlorobenzene
 Concen: 16.66 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VX000635.D
 Acq: 02 Apr 2018 12:43

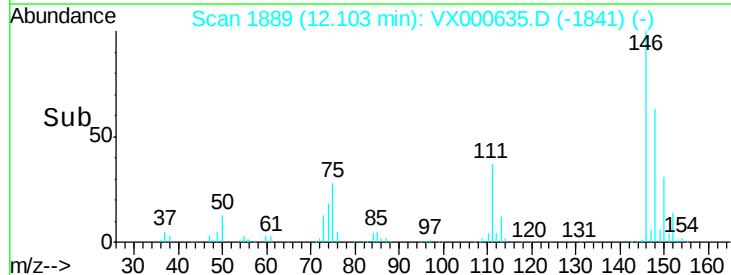
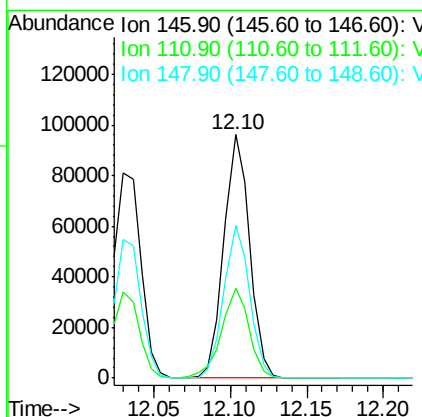
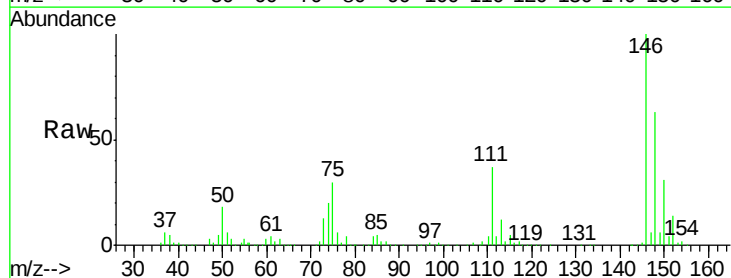
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

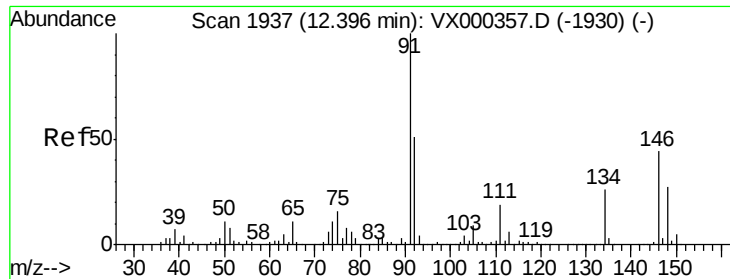
Tgt Ion:146 Resp: 102771
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.5 58.5
 148 65.8 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 17.36 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000635.D
 Acq: 02 Apr 2018 12:43

Tgt Ion:146 Resp: 112434
 Ion Ratio Lower Upper
 146 100
 111 39.6 18.9 56.9
 148 63.1 31.0 93.0





#89

n-Butylbenzene

Concen: 19.02 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000635.D

Acq: 02 Apr 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

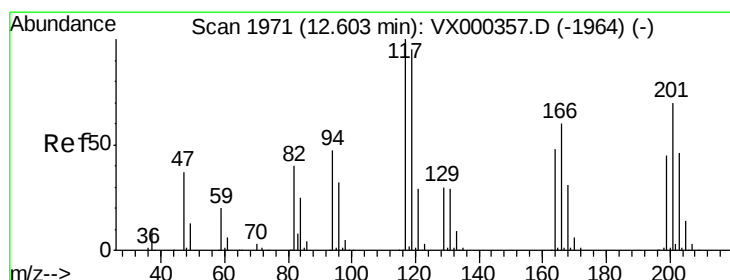
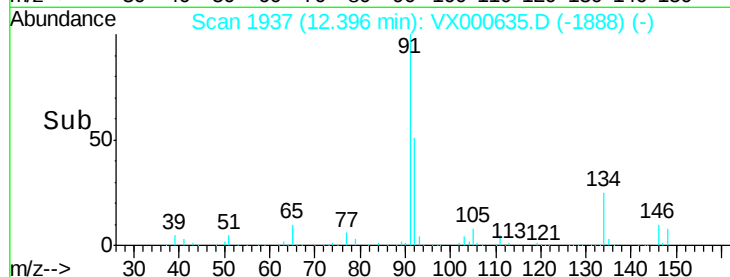
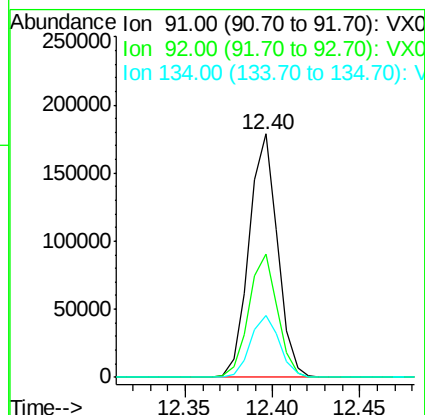
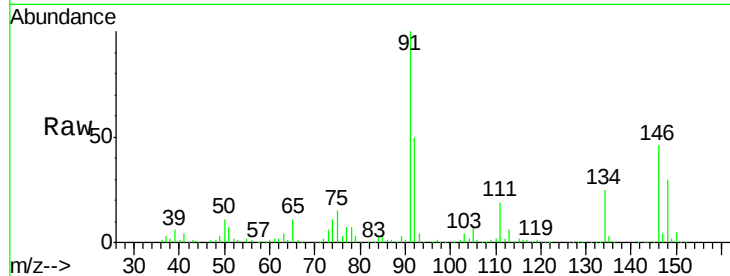
Tgt Ion: 91 Resp: 202007

Ion Ratio Lower Upper

91 100

92 50.8 25.9 77.8

134 25.8 13.1 39.3



#90

Hexachloroethane

Concen: 17.38 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000635.D

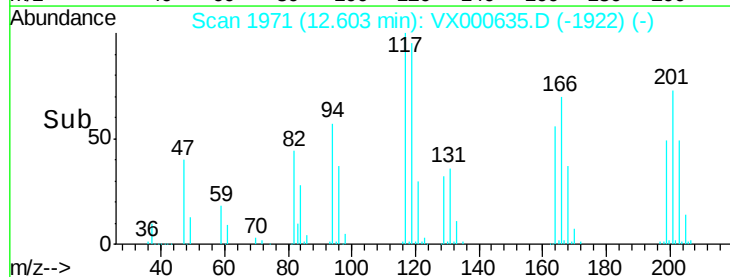
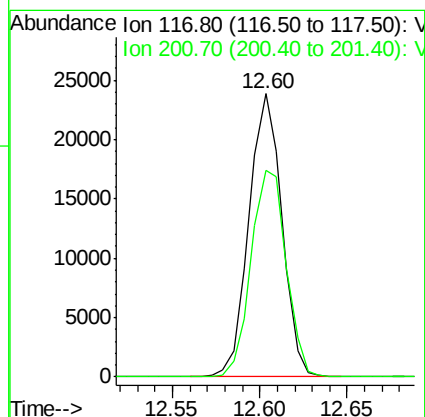
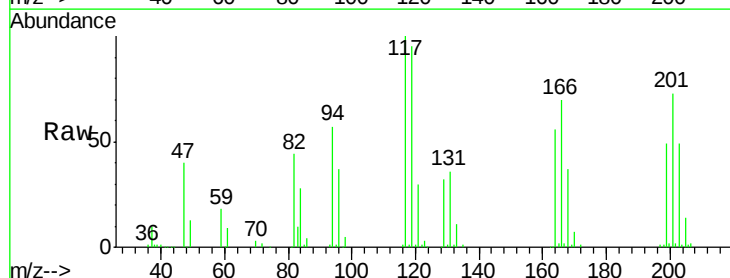
Acq: 02 Apr 2018 12:43

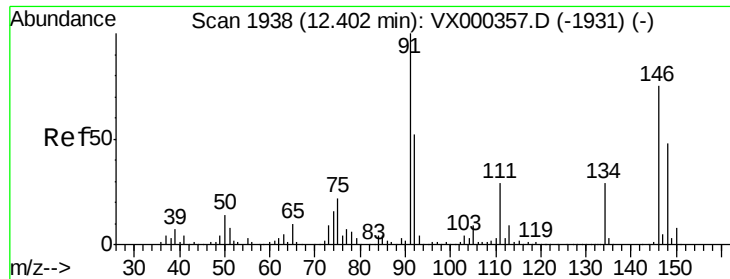
Tgt Ion: 117 Resp: 31220

Ion Ratio Lower Upper

117 100

201 77.7 37.9 113.6

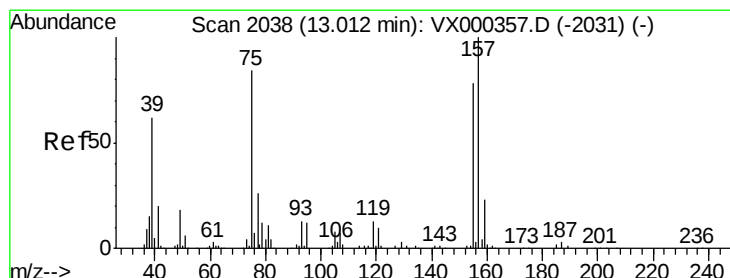
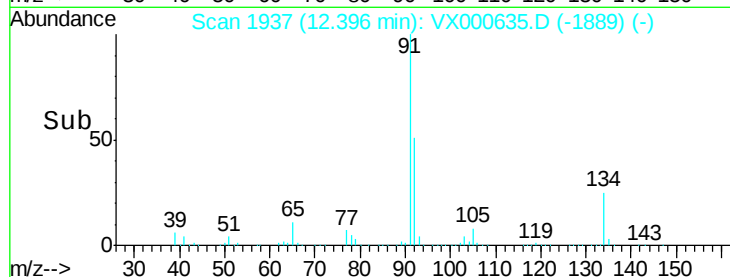
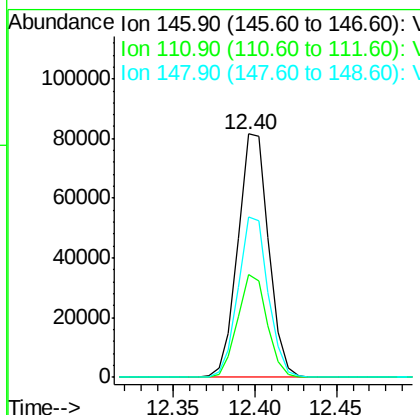
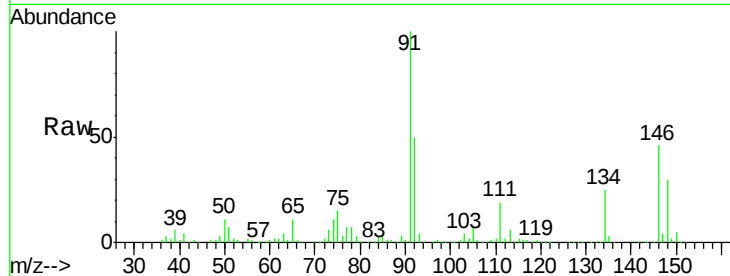




#91
 1,2-Dichlorobenzene
 Concen: 17.75 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: VX000635.D
 Acq: 02 Apr 2018 12:43

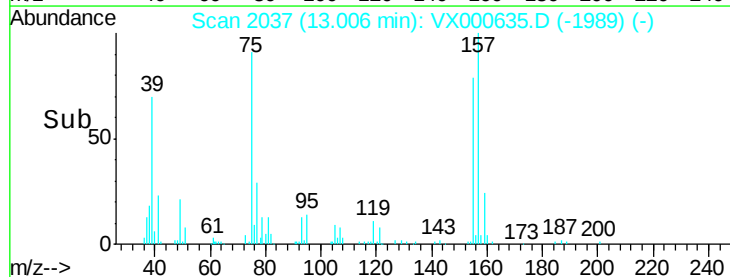
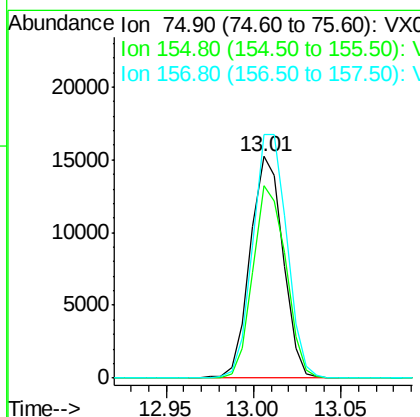
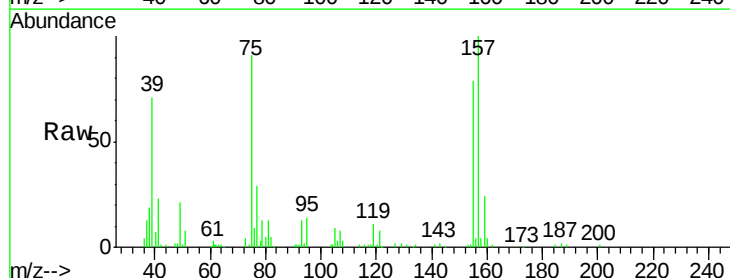
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

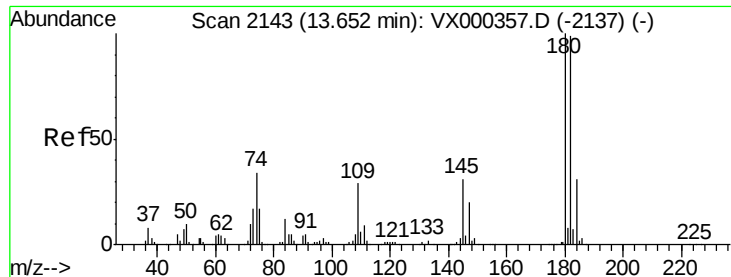
Tgt Ion: 146 Resp: 107322
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.1 60.2
 148 64.2 31.2 93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.47 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000635.D
 Acq: 02 Apr 2018 12:43

Tgt Ion: 75 Resp: 19889
 Ion Ratio Lower Upper
 75 100
 155 87.0 45.0 134.8
 157 113.6 58.1 174.2

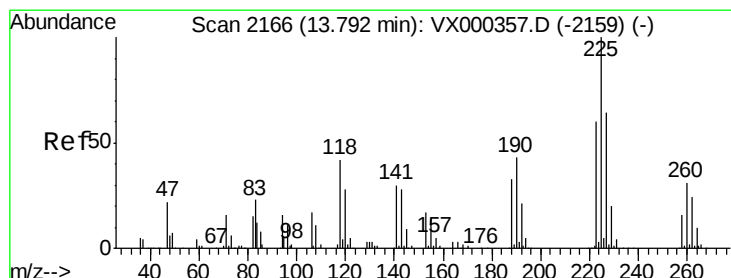
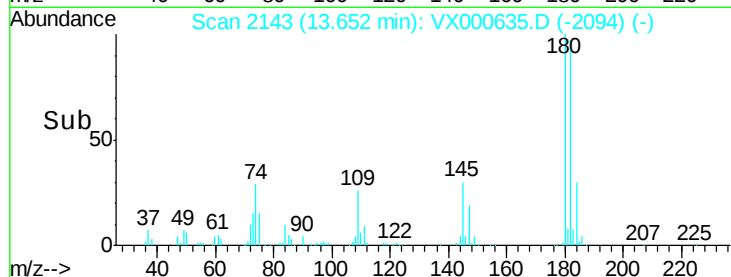
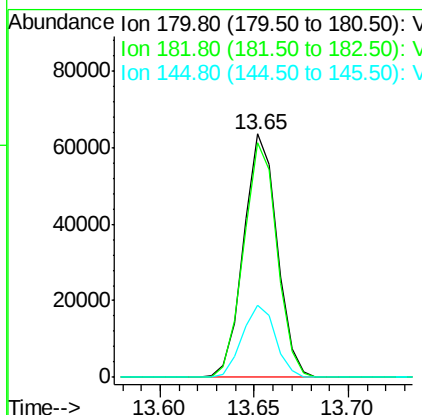
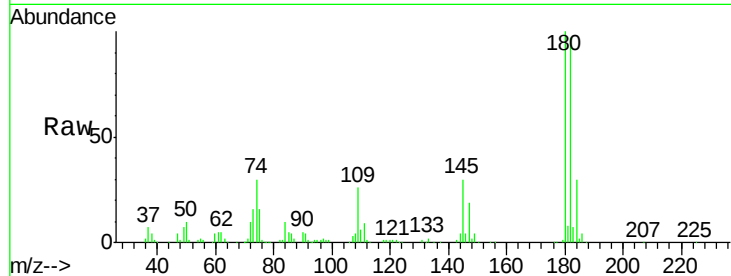




#93
 1,2,4-Trichlorobenzene
 Concen: 18.00 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000635.D
 Acq: 02 Apr 2018 12:43

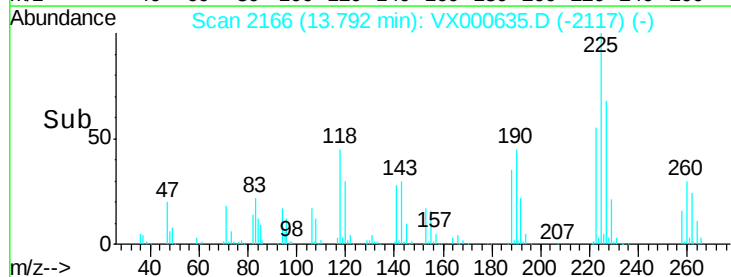
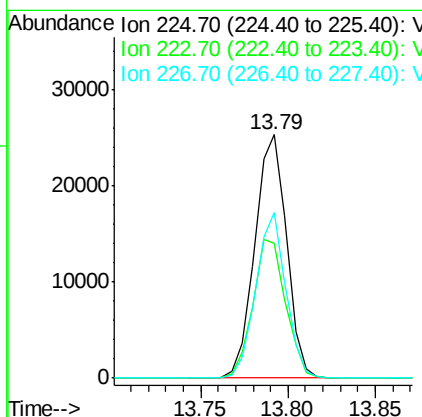
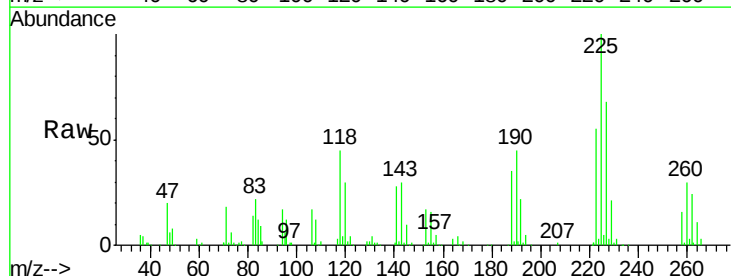
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

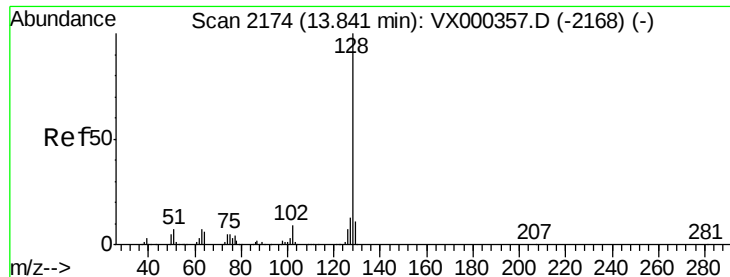
Tgt Ion:180 Resp: 78009
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.6 142.9
 145 29.6 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 17.76 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000635.D
 Acq: 02 Apr 2018 12:43

Tgt Ion:225 Resp: 31870
 Ion Ratio Lower Upper
 225 100
 223 59.1 32.0 96.0
 227 64.2 32.6 98.0

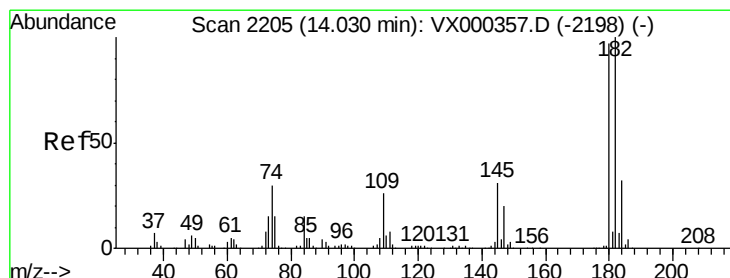
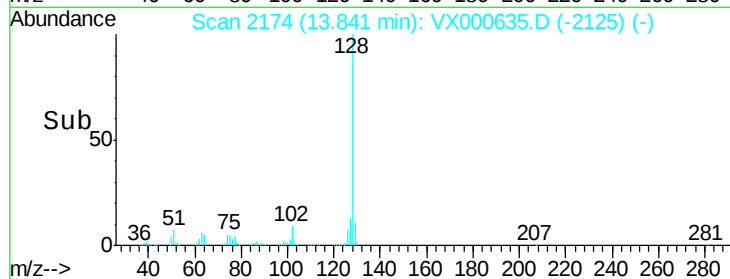
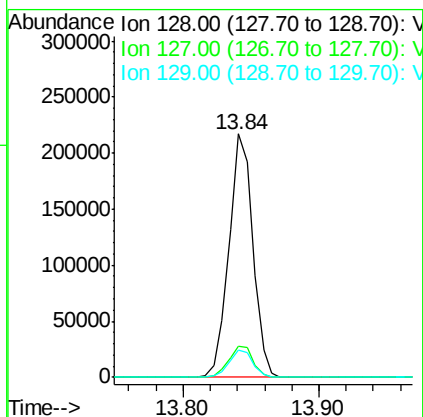
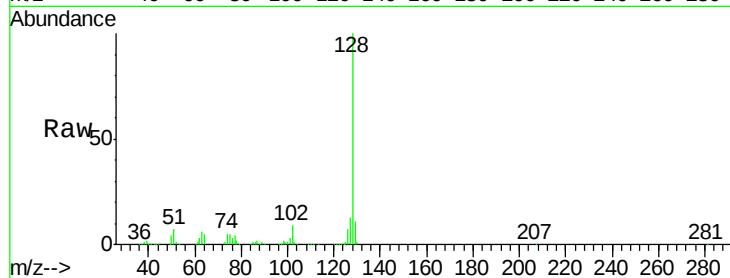




#95
Naphthalene
Concen: 17.56 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000635.D
Acq: 02 Apr 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

Tgt Ion:128 Resp: 265214
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 18.28 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000635.D
Acq: 02 Apr 2018 12:43

Tgt Ion:180 Resp: 78283
Ion Ratio Lower Upper
180 100
182 96.8 47.4 142.3
145 31.4 15.8 47.3

