

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032018\
 Data File : VX000355.D
 Acq On : 20 Mar 2018 10:42
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Mar 20 12:07:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 20 12:07:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	118662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	192085	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	185304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	97957	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	8096	4.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.86%	
35) Dibromofluoromethane	5.51	113	6152	5.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.16%	
50) Toluene-d8	8.73	98	24416	4.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.66%	
62) 4-Bromofluorobenzene	11.15	95	8491	4.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	6862	5.37	ug/l	91
3) Chloromethane	1.32	50	7634	5.86	ug/l	92
4) Vinyl Chloride	1.41	62	7834	5.37	ug/l	90
5) Bromomethane	1.64	94	13728	8.43	ug/l	89
6) Chloroethane	1.73	64	5080	4.90	ug/l	97
7) Trichlorofluoromethane	1.93	101	13902	5.48	ug/l	95
8) Diethyl Ether	2.20	74	5071	5.62	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	7895	5.78	ug/l	92
10) Methyl Iodide	2.51	142	4503	3.27	ug/l	95
11) Tert butyl alcohol	3.07	59	13746	25.88	ug/l	96
12) 1,1-Dichloroethene	2.38	96	6622	5.11	ug/l	95
13) Acrolein	2.30	56	5464	23.91	ug/l	93
14) Allyl chloride	2.73	41	12960	5.61	ug/l	95
15) Acrylonitrile	3.15	53	26644	26.02	ug/l	99
16) Acetone	2.45	43	32742	29.87	ug/l	97
17) Carbon Disulfide	2.57	76	18527	4.90	ug/l	99
18) Methyl Acetate	2.78	43	13304	5.42	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	24613	5.40	ug/l	98
20) Methylene Chloride	2.87	84	7873	5.55	ug/l	# 93
21) trans-1,2-Dichloroethene	3.17	96	7770	5.43	ug/l	90
22) Diisopropyl ether	3.88	45	23591	6.14	ug/l	92
23) Vinyl Acetate	3.83	43	105728	28.85	ug/l	97
24) 1,1-Dichloroethane	3.70	63	13875	5.74	ug/l	98
25) 2-Butanone	4.71	43	37287	28.46	ug/l	99
26) 2,2-Dichloropropane	4.59	77	9425	5.40	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	6838	5.23	ug/l	97
28) Bromochloromethane	5.04	49	5416	5.33	ug/l	# 50
29) Tetrahydrofuran	5.18	42	21889	25.96	ug/l	98
30) Chloroform	5.23	83	11699	5.12	ug/l	94
31) Cyclohexane	5.59	56	9883	5.33	ug/l	90
32) 1,1,1-Trichloroethane	5.51	97	10306	5.11	ug/l	96
36) 1,1-Dichloropropene	5.81	75	9590	5.49	ug/l	98
37) Ethyl Acetate	4.87	43	12417	5.35	ug/l	96
38) Carbon Tetrachloride	5.79	117	8603	4.89	ug/l	96

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Mar 20 12:07:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 20 12:07:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	11216	5.51	ug/l	94
40) Benzene	6.15	78	26090	5.27	ug/l	97
41) Methacrylonitrile	5.07	41	6522	5.36	ug/l	98
42) 1,2-Dichloroethane	6.21	62	10096	5.14	ug/l	94
43) Isopropyl Acetate	6.48	43	17339	5.18	ug/l	99
44) Trichloroethene	7.22	130	7823	5.45	ug/l	100
45) 1,2-Dichloropropane	7.52	63	7170	5.87	ug/l	96
46) Dibromomethane	7.67	93	5440	5.55	ug/l	95
47) Bromodichloromethane	7.90	83	8652	4.97	ug/l	94
48) Methyl methacrylate	7.79	41	8580	5.07	ug/l	99
49) 1,4-Dioxane	7.77	88	3640	95.58	ug/l	94
51) 4-Methyl-2-Pentanone	8.66	43	68095	26.19	ug/l	98
52) Toluene	8.79	92	17269	4.96	ug/l	93
53) t-1,3-Dichloropropene	8.45	75	9537	4.75	ug/l	93
54) cis-1,3-Dichloropropene	9.05	75	8708	4.43	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	7356	5.27	ug/l	94
56) Ethyl methacrylate	9.19	69	9711	4.70	ug/l	93
57) 1,3-Dichloropropane	9.38	76	12340	5.46	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.32	63	26961	28.37	ug/l	98
59) 2-Hexanone	9.51	43	57614	26.30	ug/l	94
60) Dibromochloromethane	9.59	129	6707	4.54	ug/l	99
61) 1,2-Dibromoethane	9.68	107	7744	5.01	ug/l	96
64) Tetrachloroethene	9.34	164	7699	5.82	ug/l	95
65) Chlorobenzene	10.15	112	20008	5.30	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	6689	5.27	ug/l	99
67) Ethyl Benzene	10.26	91	35243	5.48	ug/l	100
68) m/p-Xylenes	10.37	106	27034	10.79	ug/l	97
69) o-Xylene	10.71	106	12846	5.28	ug/l	100
70) Styrene	10.72	104	19392	4.80	ug/l	96
71) Bromoform	10.87	173	5031	4.53	ug/l #	94
73) Isopropylbenzene	11.02	105	34027	5.77	ug/l	97
74) N-amyl acetate	6.48	43	17339	6.14	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	12078	5.75	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	13414	6.80	ug/l	87
77) Bromobenzene	11.26	156	9213	5.95	ug/l	97
78) n-propylbenzene	11.37	91	40336	5.67	ug/l	98
79) 2-Chlorotoluene	11.43	91	24058	5.96	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	27801	5.53	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	2856	4.93	ug/l	87
82) 4-Chlorotoluene	11.52	91	27501	5.54	ug/l	99
83) tert-Butylbenzene	11.78	119	28793	5.87	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	28413	5.50	ug/l	98
85) sec-Butylbenzene	11.96	105	34788	5.67	ug/l	98
86) p-Isopropyltoluene	12.07	119	30730	5.63	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	15837	5.21	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	17090	5.41	ug/l	90
89) n-Butylbenzene	12.40	91	27141	5.11	ug/l	98
90) Hexachloroethane	12.60	117	4348	4.96	ug/l	91
91) 1,2-Dichlorobenzene	12.40	146	16280	5.53	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	3159	5.56	ug/l	89

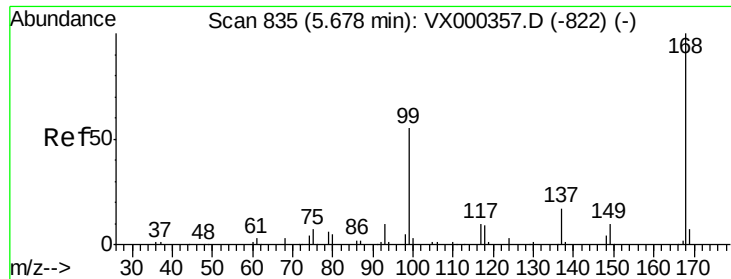
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032018\
Data File : VX000355.D
Acq On : 20 Mar 2018 10:42
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Mar 20 12:07:48 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 20 12:07:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	11573	5.46	ug/l	94
94) Hexachlorobutadiene	13.79	225	4884	5.84	ug/l	97
95) Naphthalene	13.84	128	38985	5.30	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	11748	5.48	ug/l	99

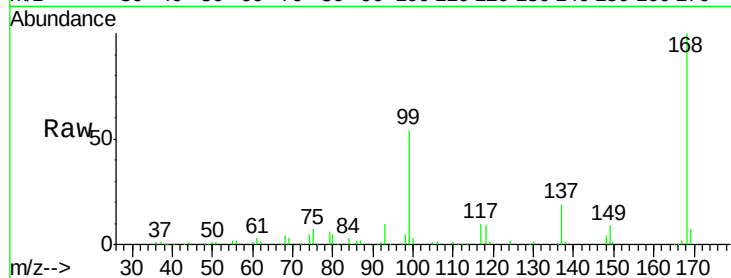
(#) = qualifier out of range (m) = manual integration (+) = signals summed



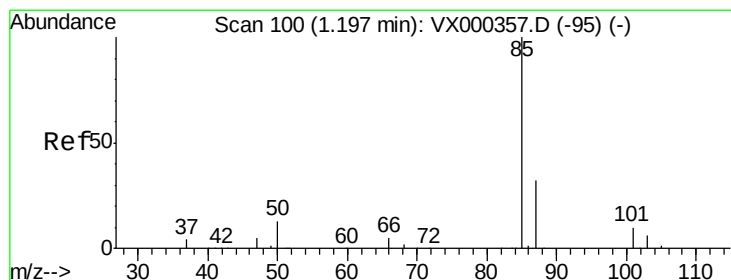
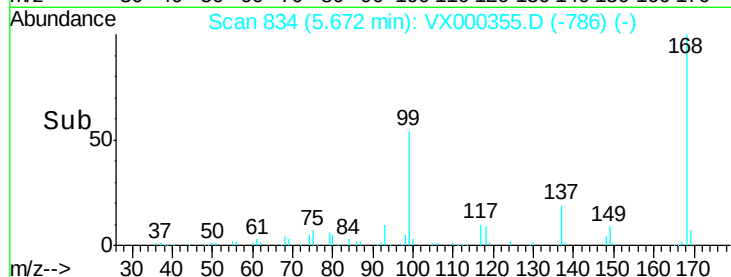
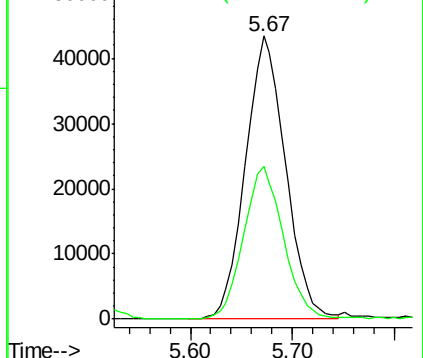
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.01 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 168 Resp: 118662
Ion Ratio Lower Upper
168 100
99 53.8 45.8 68.6

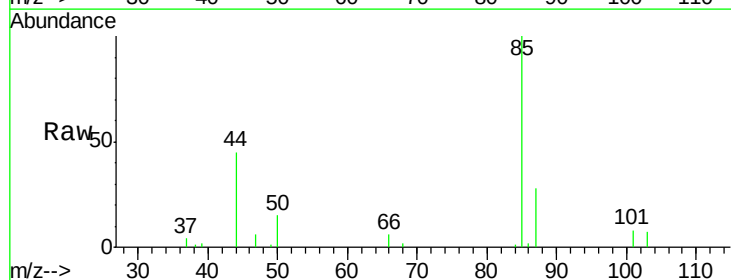


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VX0

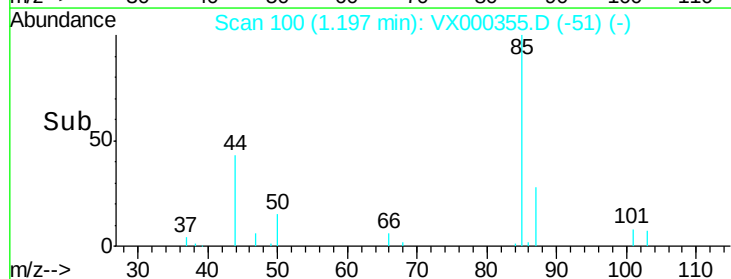
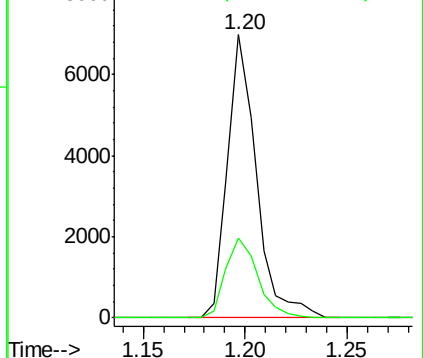


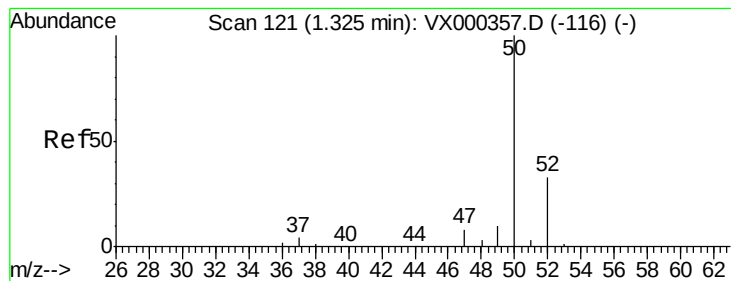
#2
Dichlorodifluoromethane
Concen: 5.37 ug/l
RT: 1.20 min Scan# 100
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion: 85 Resp: 6862
Ion Ratio Lower Upper
85 100
87 28.3 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: 5.86 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

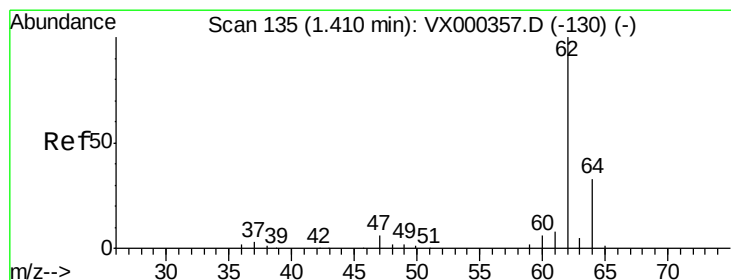
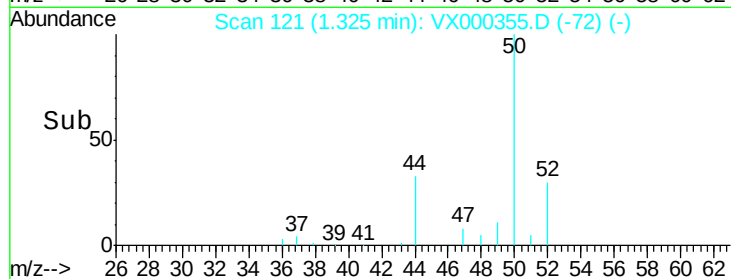
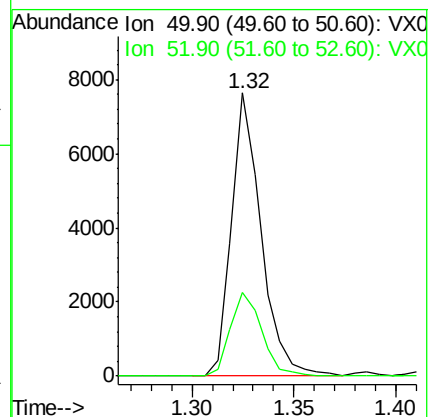
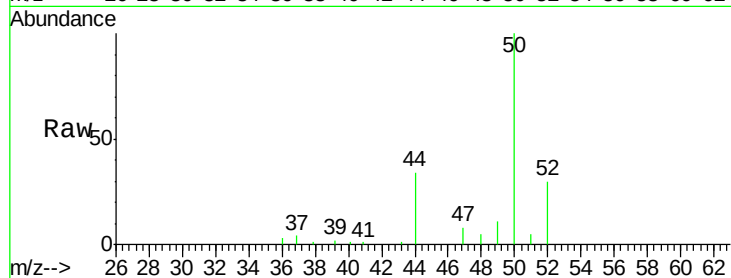
VSTDIC005

Tgt Ion: 50 Resp: 7634

Ion Ratio Lower Upper

50 100

52 29.7 27.5 41.3



#4

Vinyl Chloride

Concen: 5.37 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000355.D

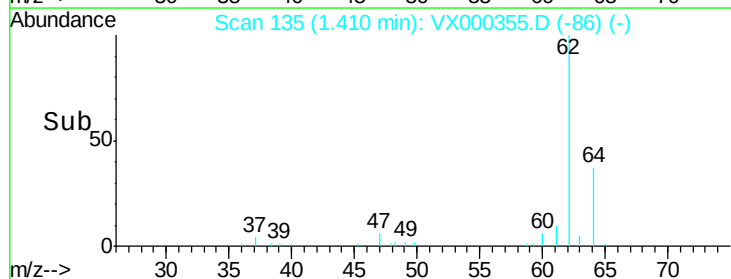
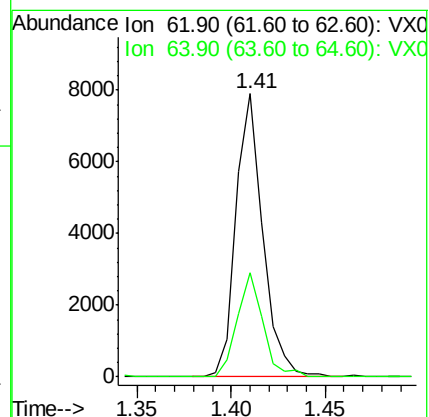
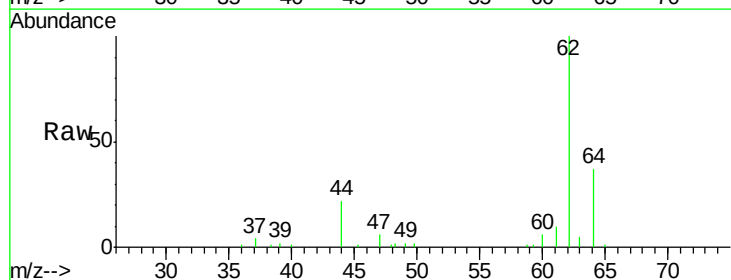
Acq: 20 Mar 2018 10:42

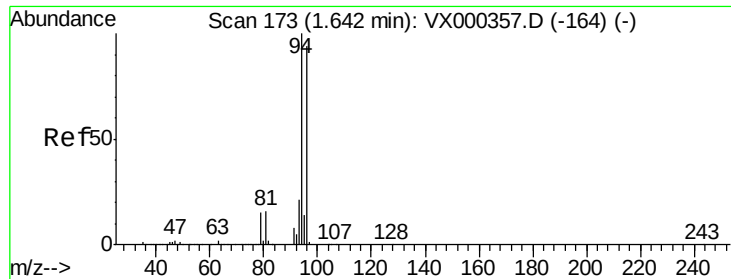
Tgt Ion: 62 Resp: 7834

Ion Ratio Lower Upper

62 100

64 36.6 24.8 37.2





#5

Bromomethane

Concen: 8.43 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

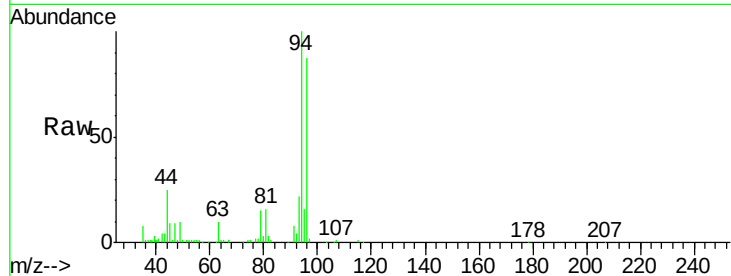
VSTDIC005

Tgt Ion: 94 Resp: 13728

Ion Ratio Lower Upper

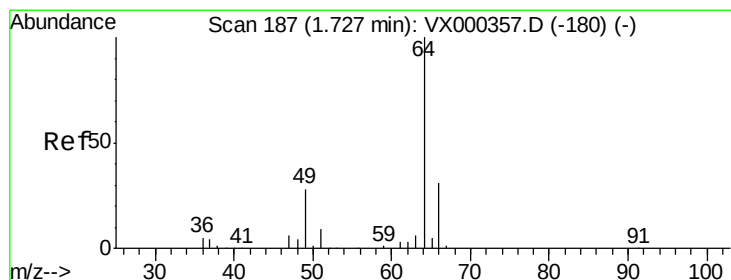
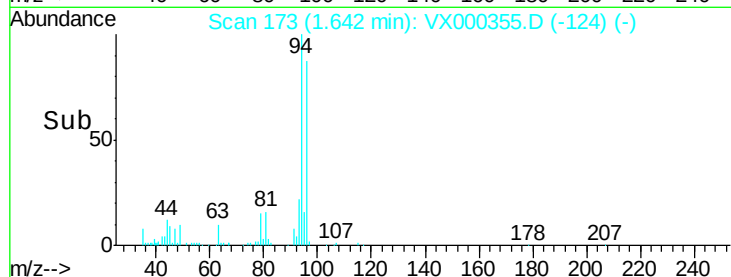
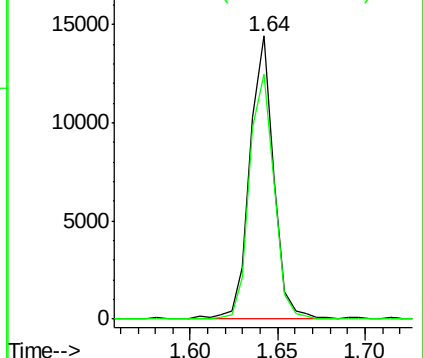
94 100

96 86.7 77.7 116.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 4.90 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000355.D

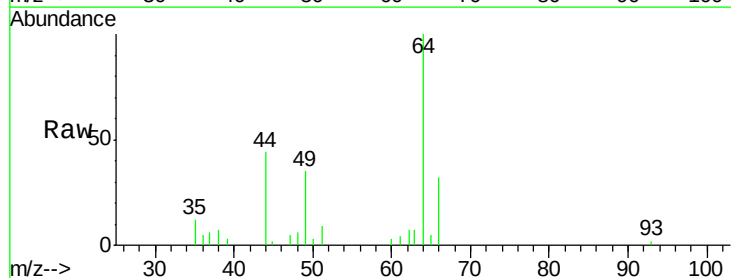
Acq: 20 Mar 2018 10:42

Tgt Ion: 64 Resp: 5080

Ion Ratio Lower Upper

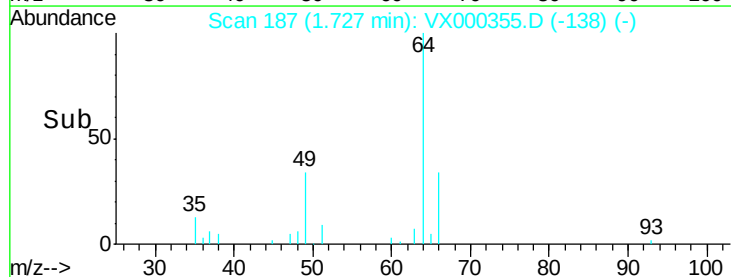
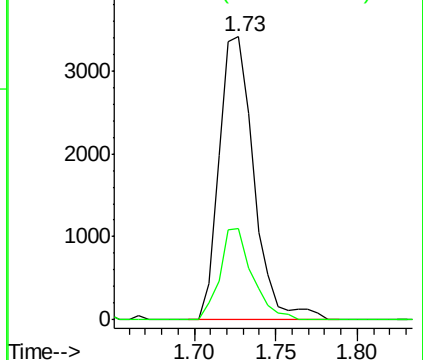
64 100

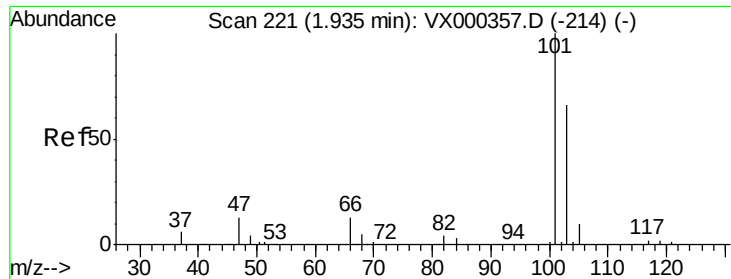
66 32.4 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



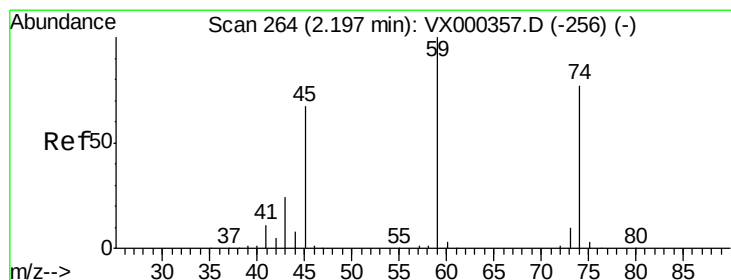
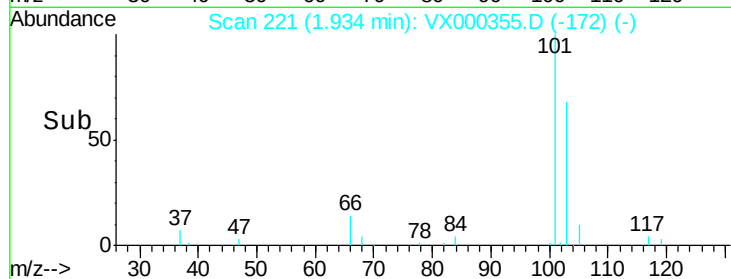
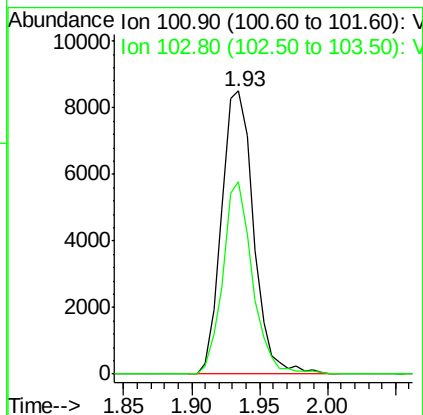
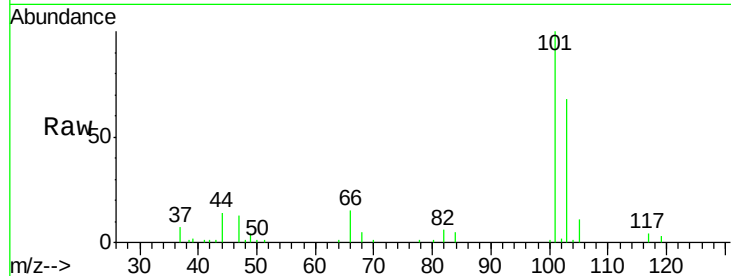


#7

Trichlorofluoromethane
Concen: 5.48 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

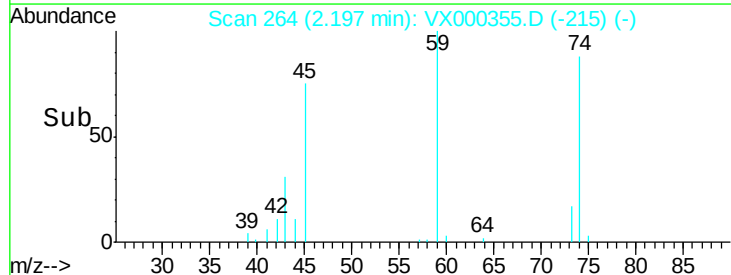
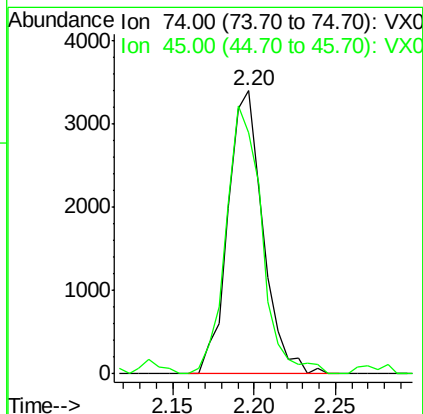
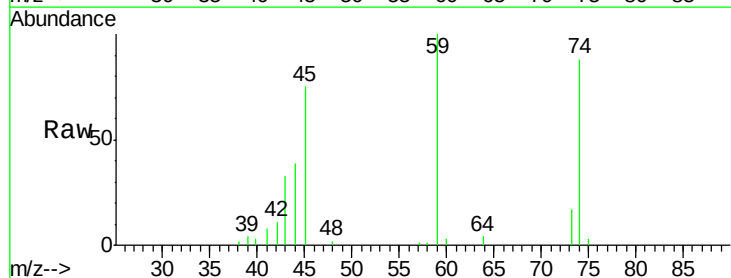
Tgt Ion: 101 Resp: 13902
Ion Ratio Lower Upper
101 100
103 68.0 51.6 77.4

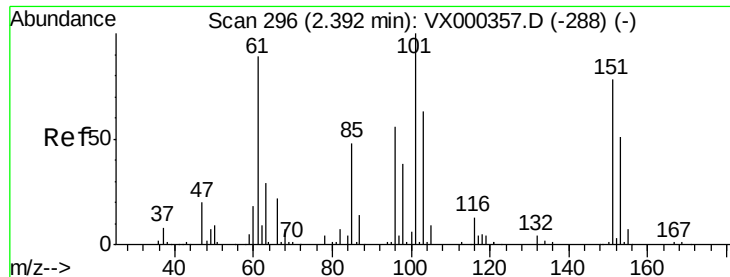


#8

Diethyl Ether
Concen: 5.62 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion: 74 Resp: 5071
Ion Ratio Lower Upper
74 100
45 96.7 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.78 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

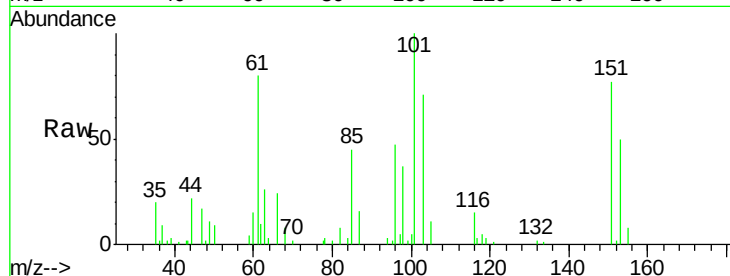
Tgt Ion:101 Resp: 7895

Ion Ratio Lower Upper

101 100

85 50.7 37.6 56.4

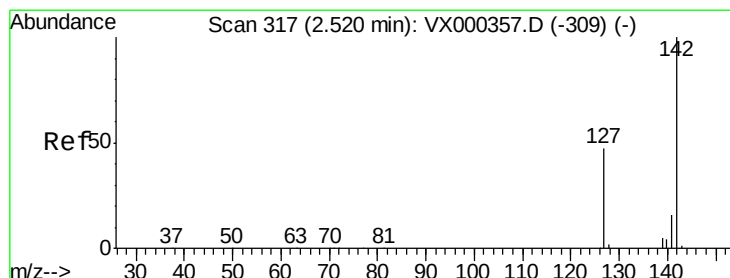
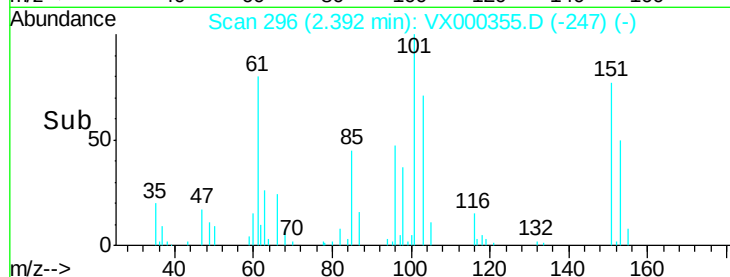
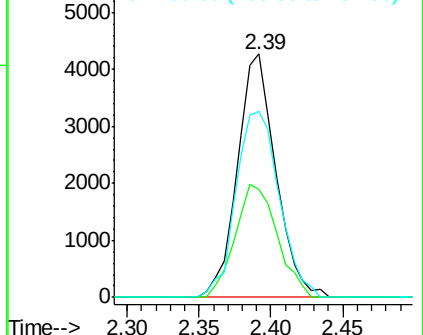
151 86.5 62.6 93.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 3.27 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

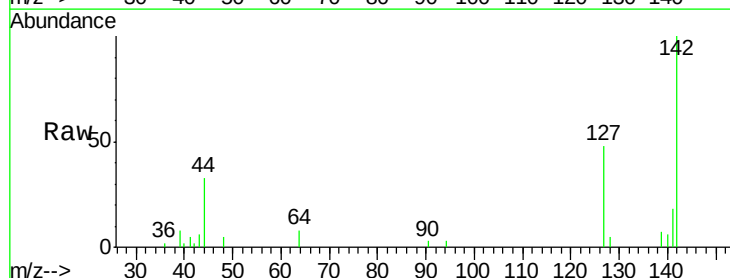
Tgt Ion:142 Resp: 4503

Ion Ratio Lower Upper

142 100

127 51.7 39.2 58.8

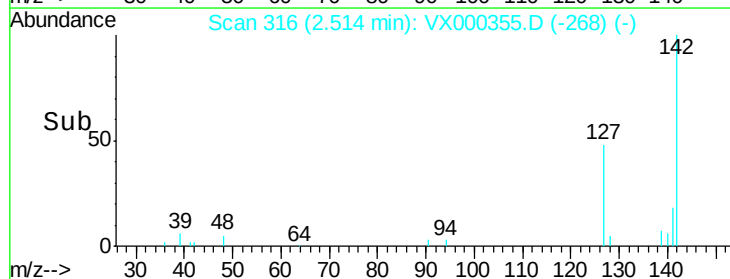
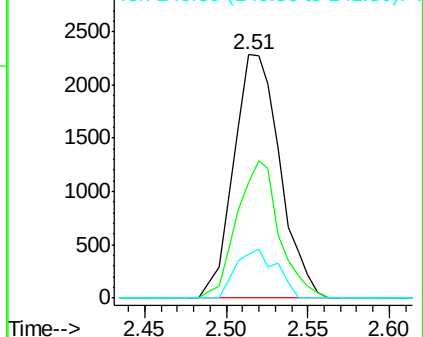
141 17.3 11.7 17.5

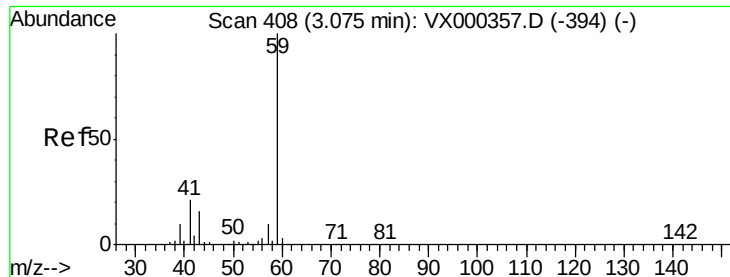


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

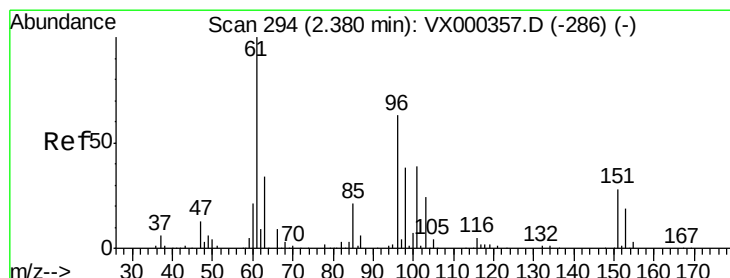
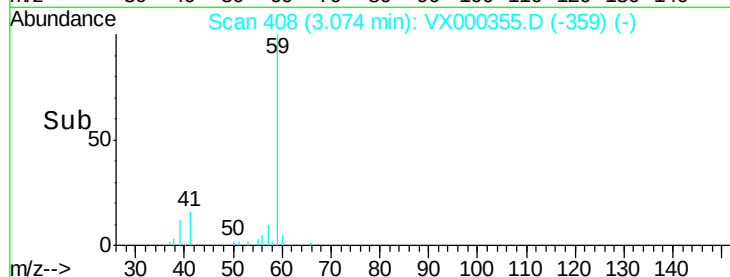
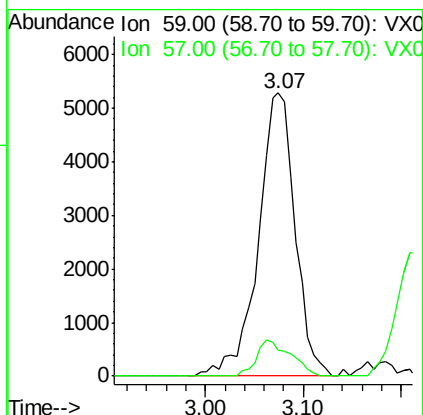
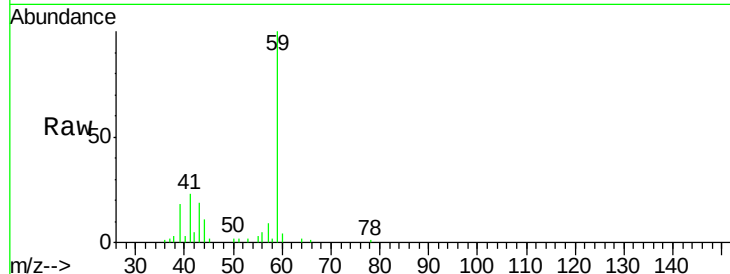




#11
Tert butyl alcohol
Concen: 25.88 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

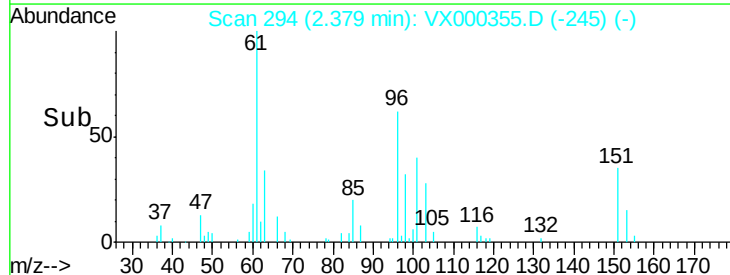
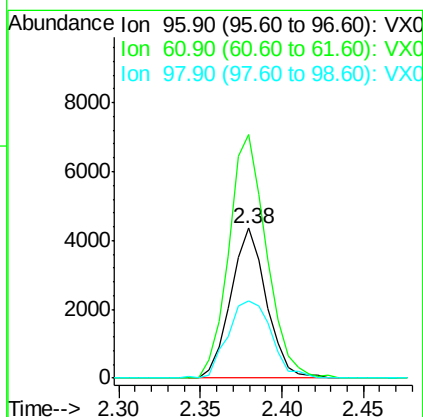
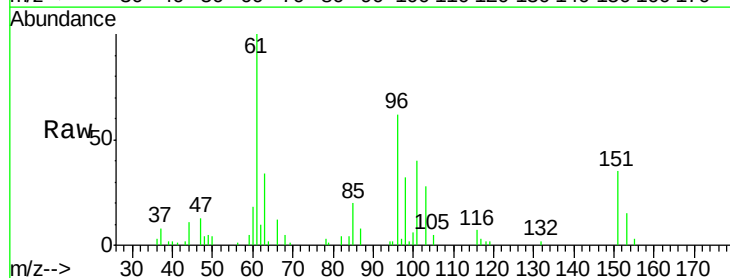
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

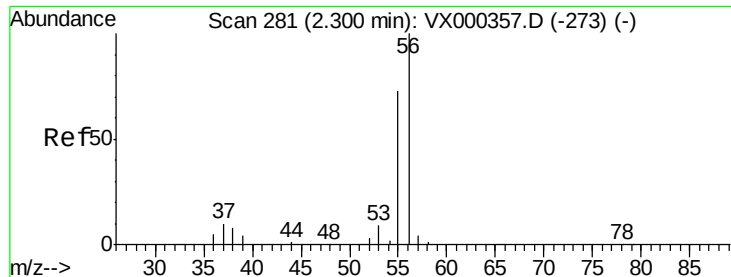
Tgt Ion: 59 Resp: 13746
Ion Ratio Lower Upper
59 100
57 12.0 8.4 12.6



#12
1,1-Dichloroethene
Concen: 5.11 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion: 96 Resp: 6622
Ion Ratio Lower Upper
96 100
61 162.2 131.2 196.8
98 51.8 49.8 74.8





#13

Acrolein

Concen: 23.91 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

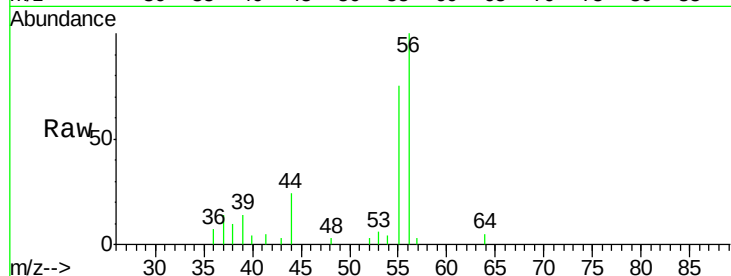
VSTDIC005

Tgt Ion: 56 Resp: 5464

Ion Ratio Lower Upper

56 100

55 79.0 58.8 88.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

4000

3000

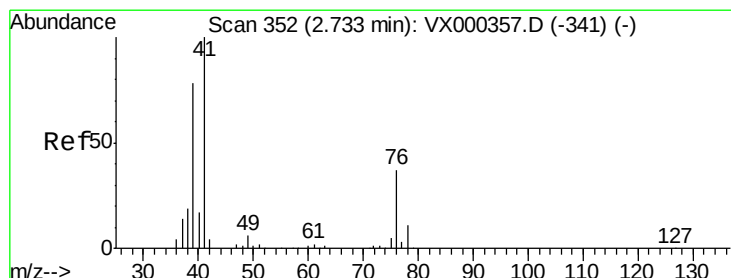
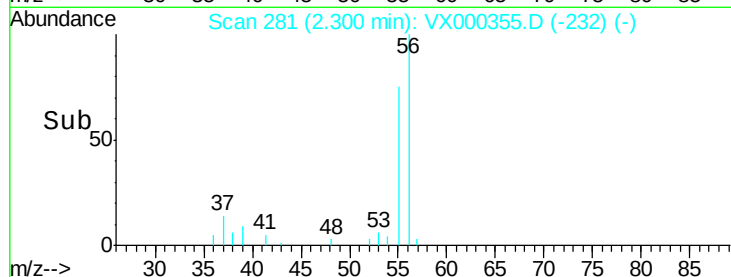
2000

1000

0

Time-->

2.25 2.30 2.35



#14

Allyl chloride

Concen: 5.61 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

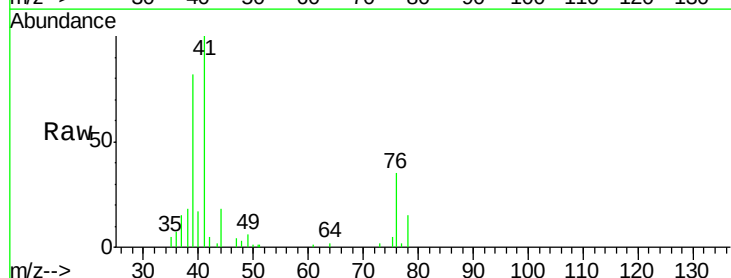
Tgt Ion: 41 Resp: 12960

Ion Ratio Lower Upper

41 100

39 68.5 57.6 86.4

76 29.9 27.3 40.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

8000

6000

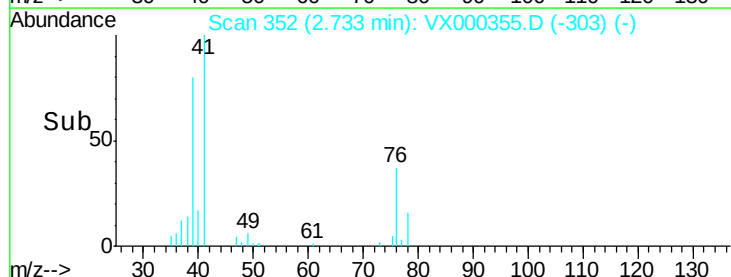
4000

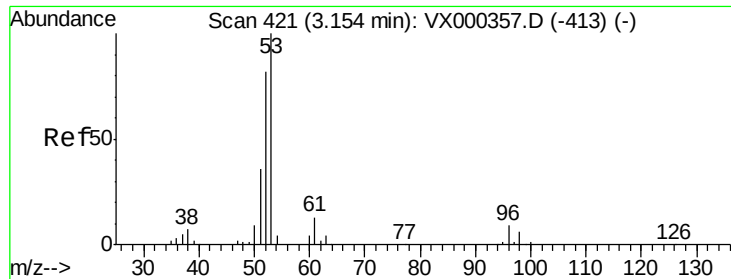
2000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 26.02 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

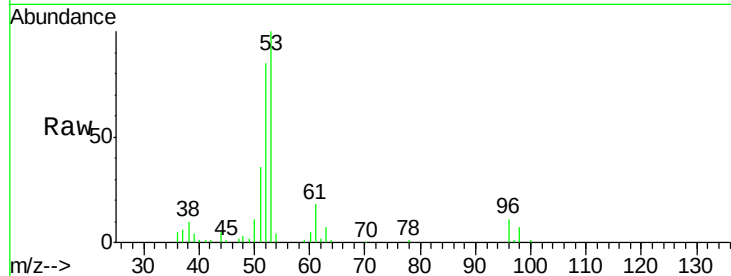
Tgt Ion: 53 Resp: 26644

Ion Ratio Lower Upper

53 100

52 82.2 66.6 99.8

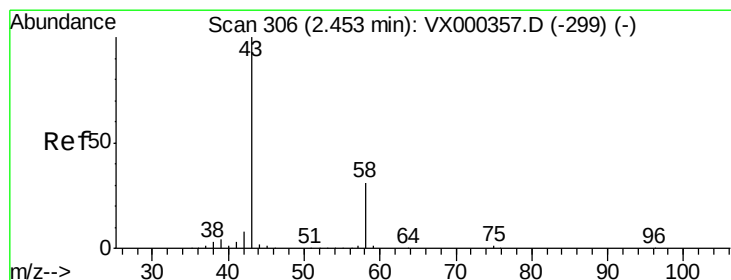
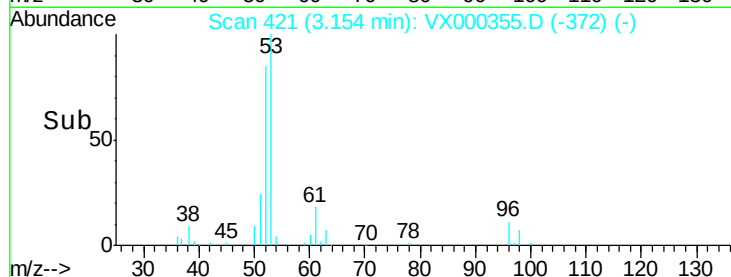
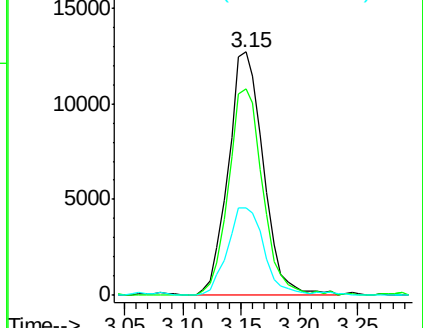
51 37.8 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 29.87 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000355.D

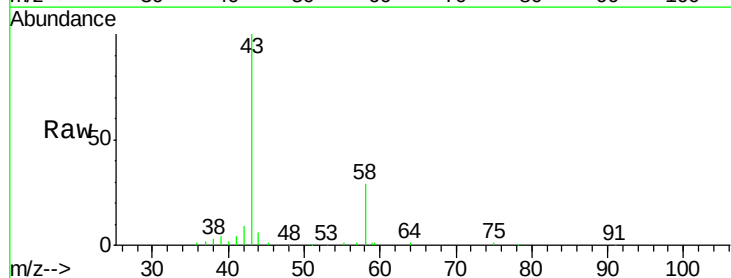
Acq: 20 Mar 2018 10:42

Tgt Ion: 43 Resp: 32742

Ion Ratio Lower Upper

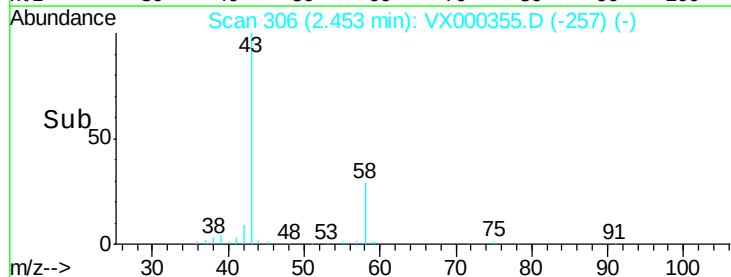
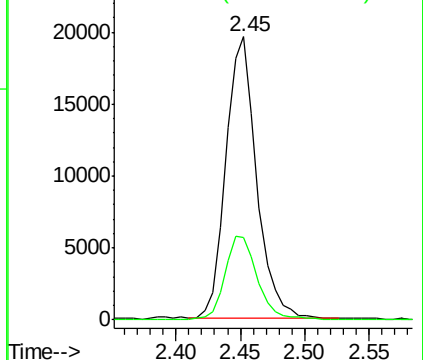
43 100

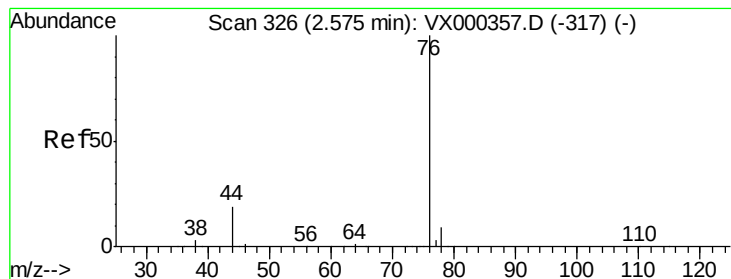
58 29.3 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 4.90 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

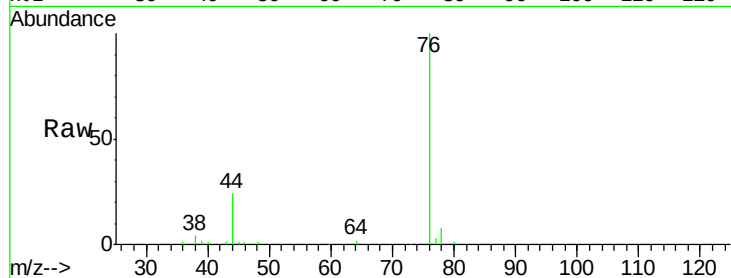
VSTDIC005

Tgt Ion: 76 Resp: 18527

Ion Ratio Lower Upper

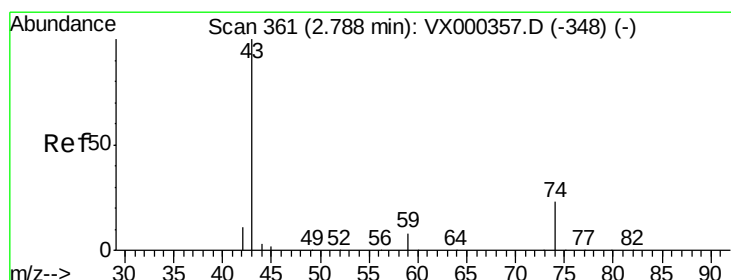
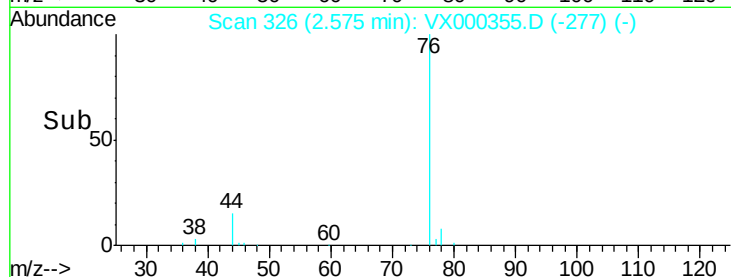
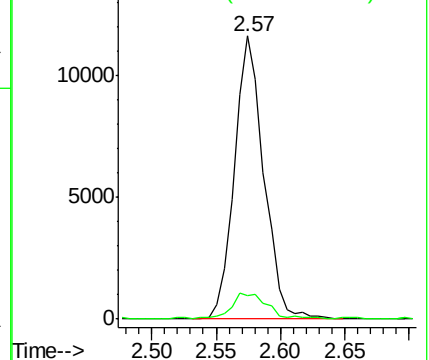
76 100

78 8.4 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: 5.42 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000355.D

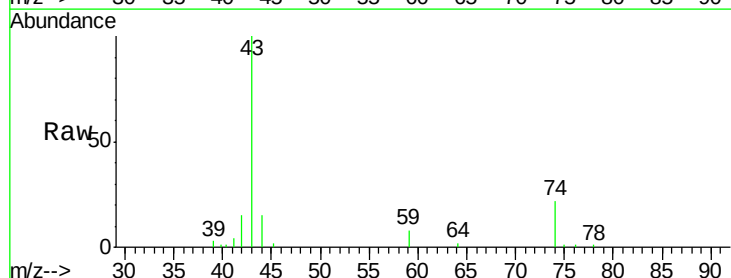
Acq: 20 Mar 2018 10:42

Tgt Ion: 43 Resp: 13304

Ion Ratio Lower Upper

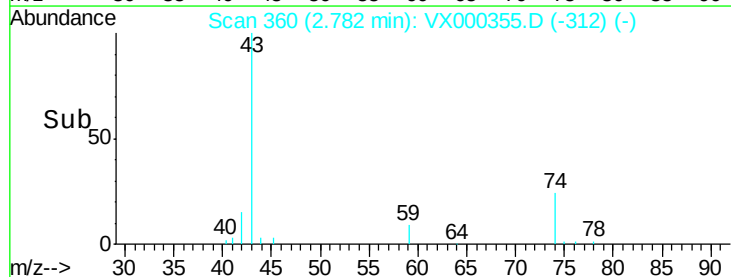
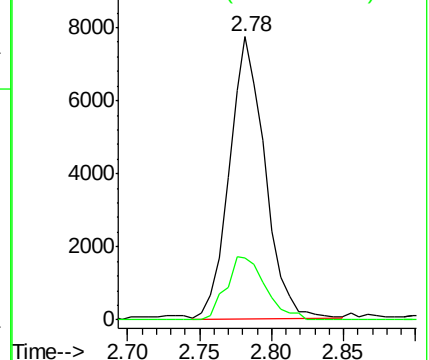
43 100

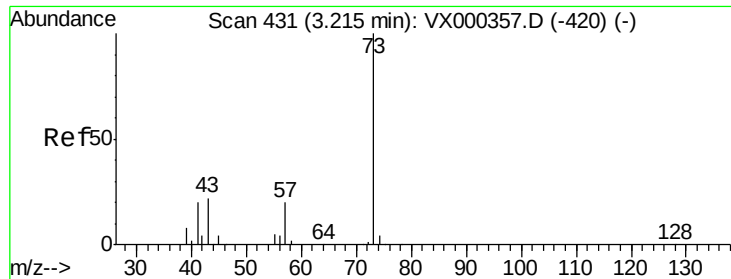
74 24.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

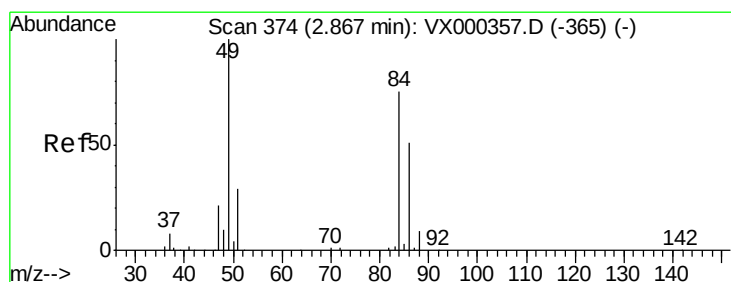
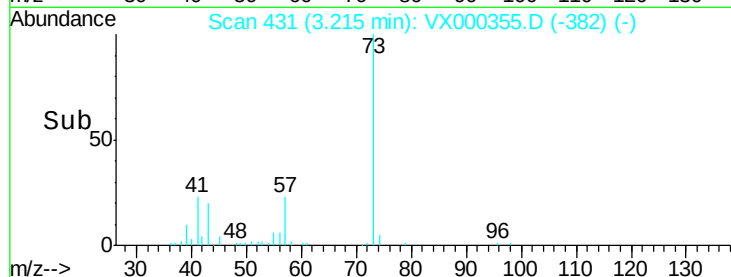
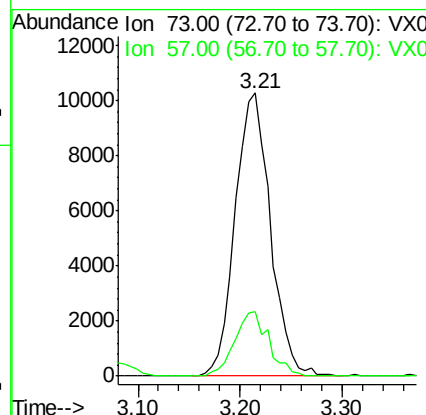
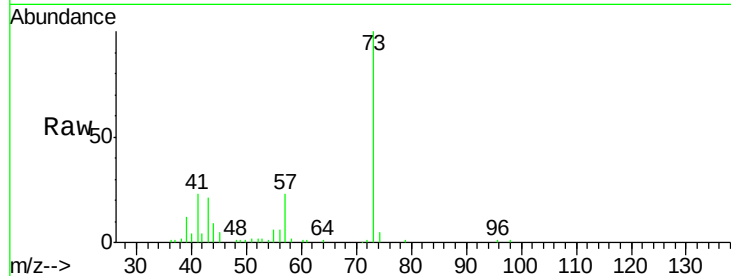




#19
Methyl tert-butyl Ether
Concen: 5.40 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

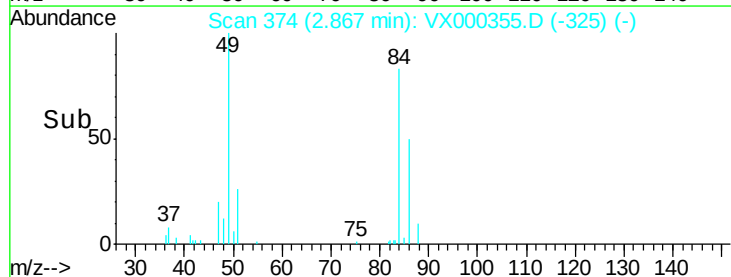
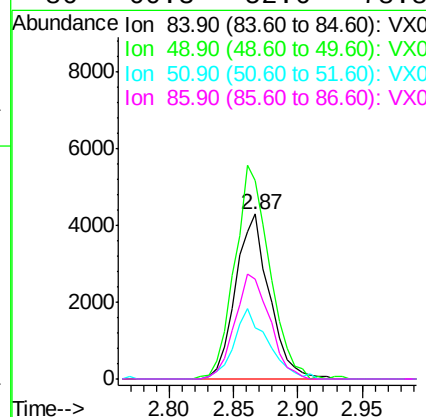
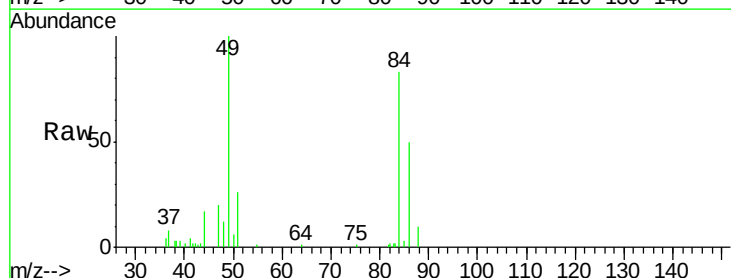
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

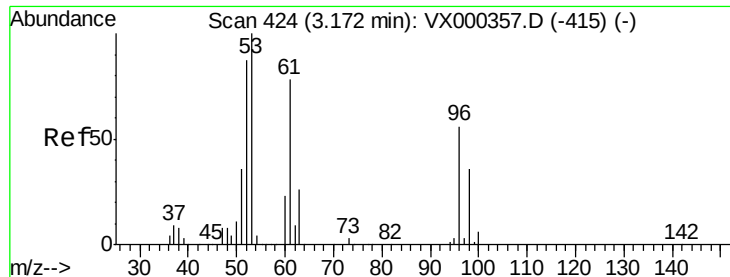
Tgt Ion: 73 Resp: 24613
Ion Ratio Lower Upper
73 100
57 22.6 17.2 25.8



#20
Methylene Chloride
Concen: 5.55 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion: 84 Resp: 7873
Ion Ratio Lower Upper
84 100
49 120.3 100.6 151.0
51 31.3 31.6 47.4#
86 60.3 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 5.43 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

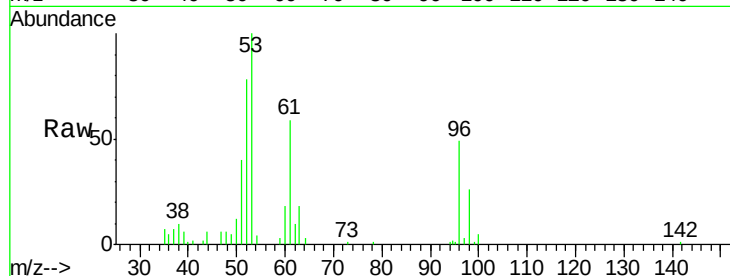
Tgt Ion: 96 Resp: 7770

Ion Ratio Lower Upper

96 100

61 120.7 104.0 156.0

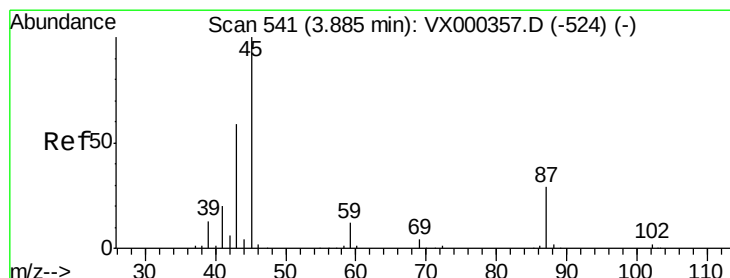
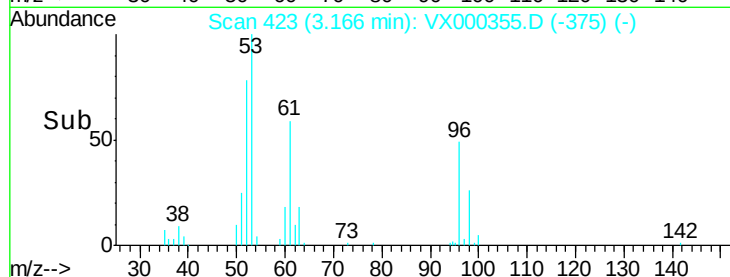
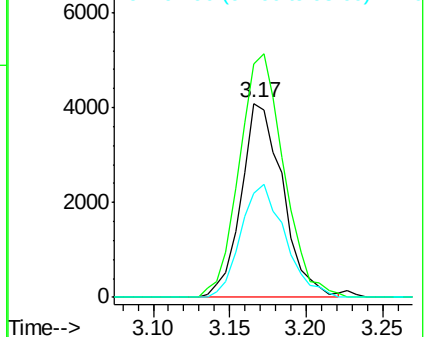
98 53.6 52.1 78.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 6.14 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Tgt Ion: 45 Resp: 23591

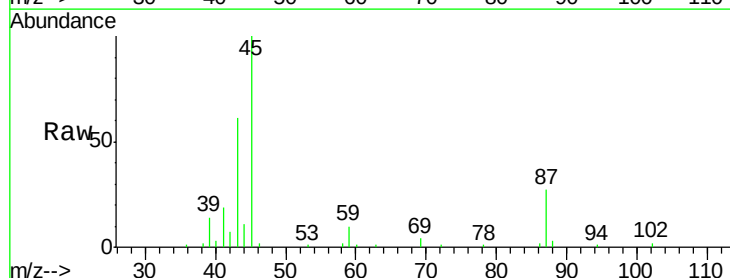
Ion Ratio Lower Upper

45 100

43 58.6 53.9 80.9

87 26.6 22.6 34.0

59 9.9 9.5 14.3

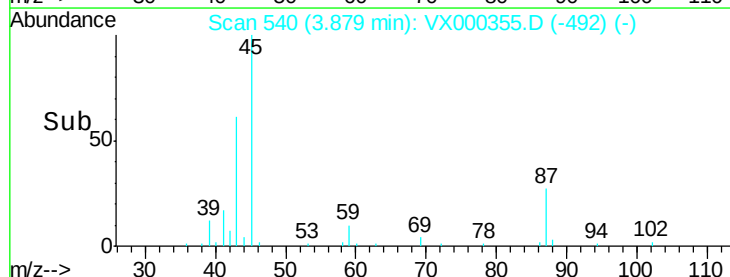
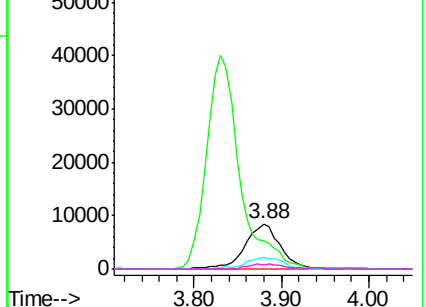


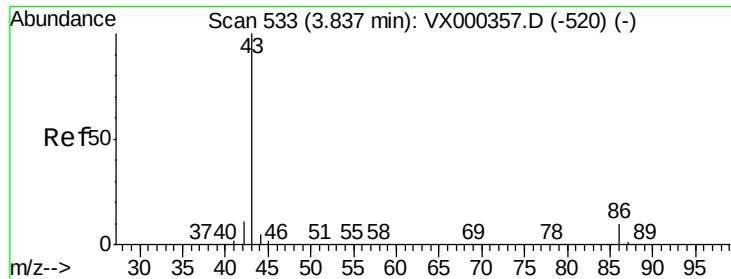
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 28.85 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

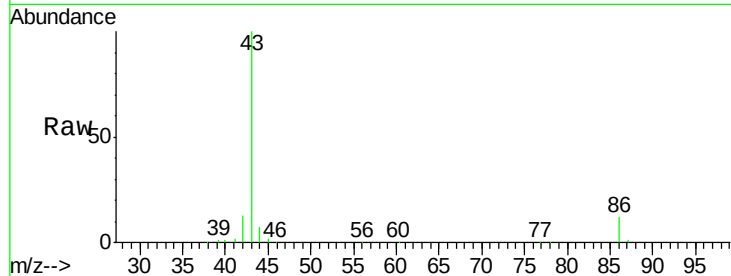
VSTDIC005

Tgt Ion: 43 Resp: 105728

Ion Ratio Lower Upper

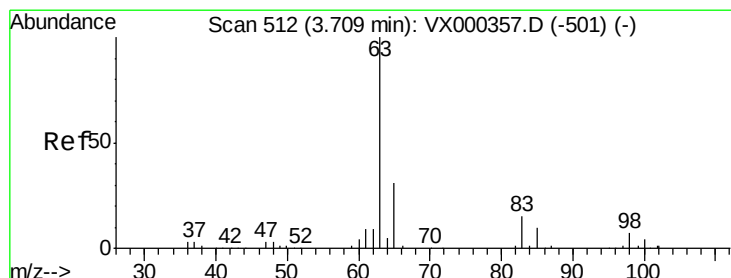
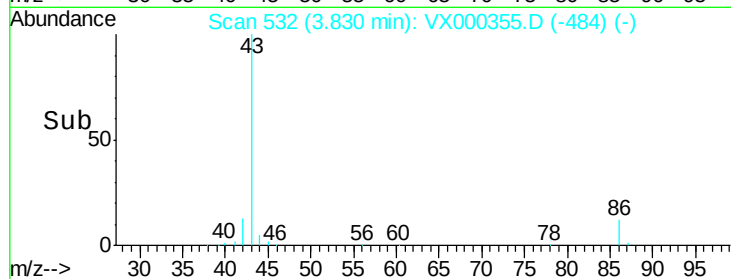
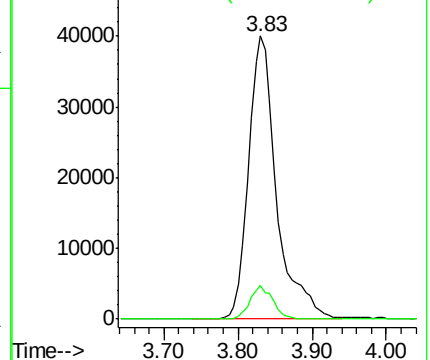
43 100

86 12.0 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 5.74 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

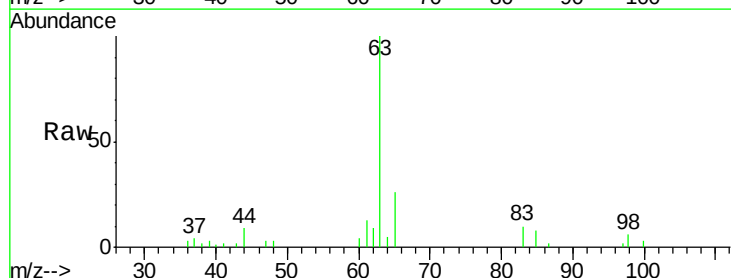
Tgt Ion: 63 Resp: 13875

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.9

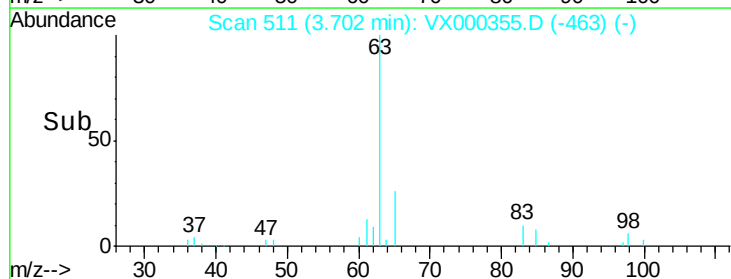
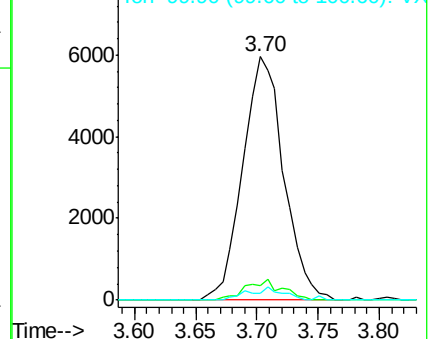
100 3.0 2.0 5.8

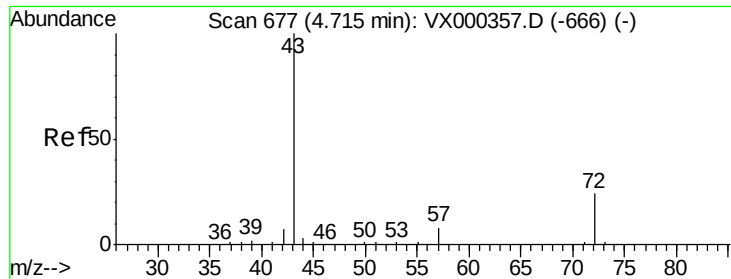


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 28.46 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

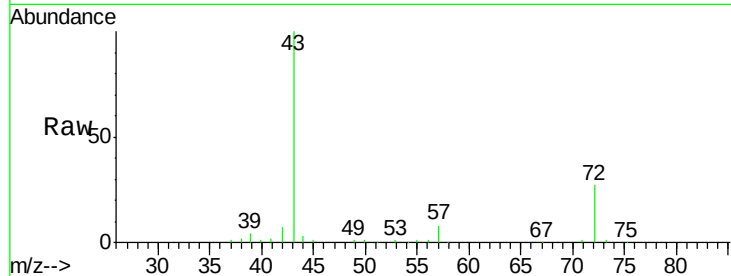
VSTDIC005

Tgt Ion: 43 Resp: 37287

Ion Ratio Lower Upper

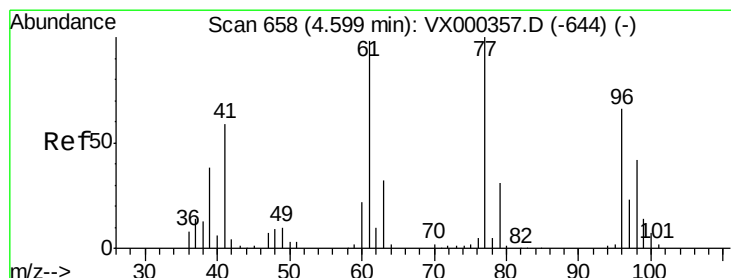
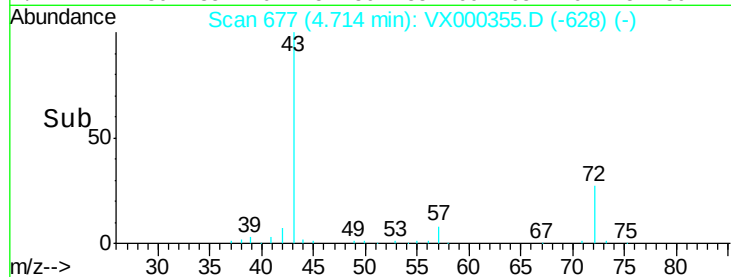
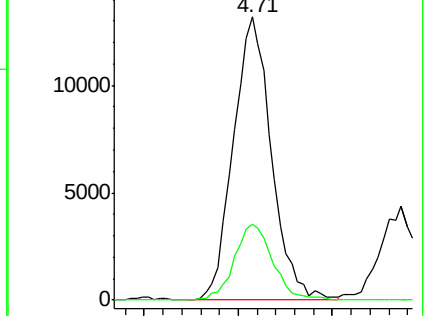
43 100

72 26.8 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: 5.40 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000355.D

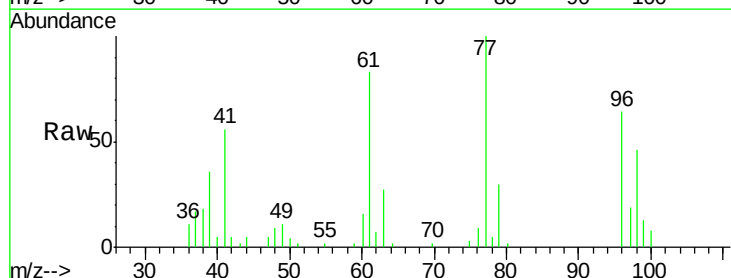
Acq: 20 Mar 2018 10:42

Tgt Ion: 77 Resp: 9425

Ion Ratio Lower Upper

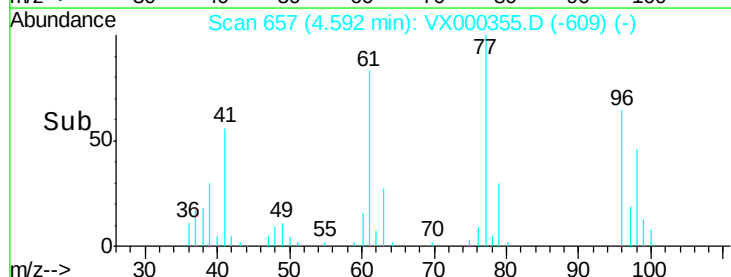
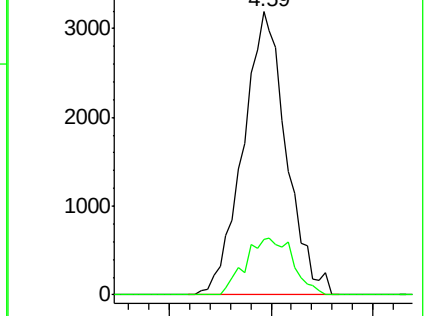
77 100

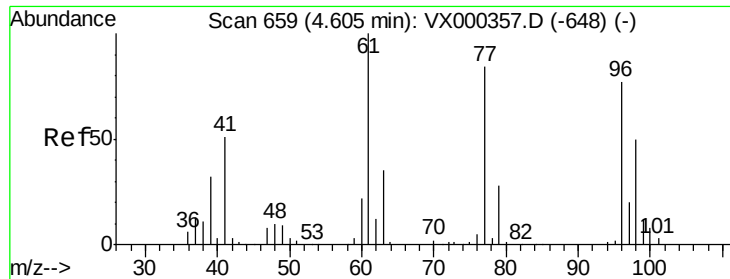
97 22.2 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

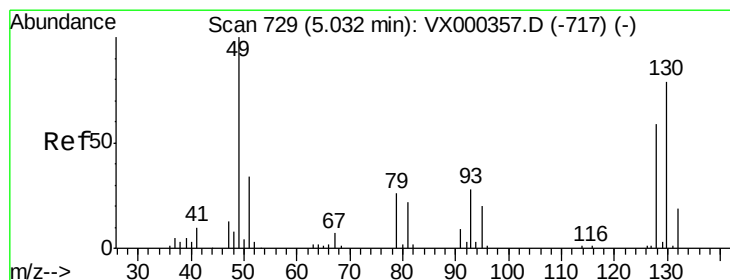
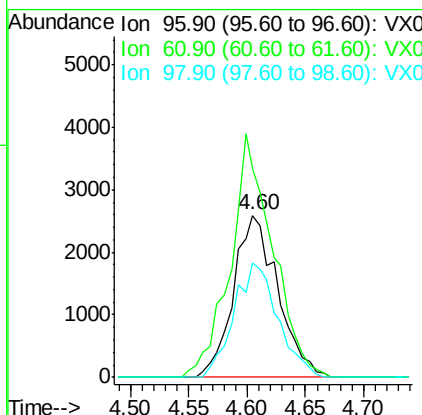
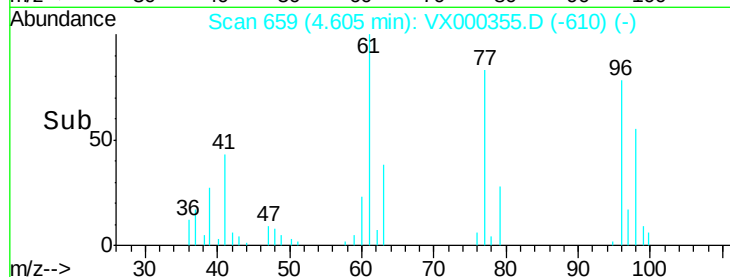
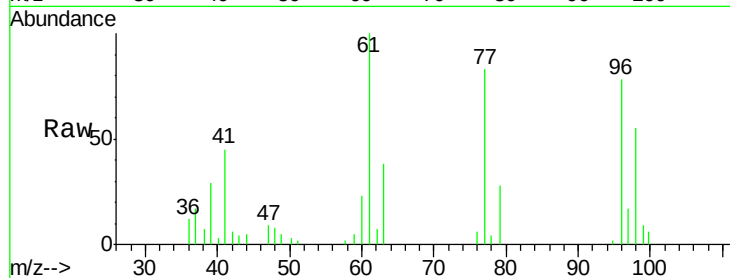




#27
 cis-1,2-Dichloroethene
 Concen: 5.23 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

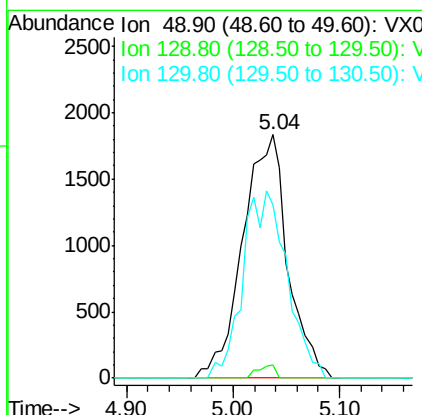
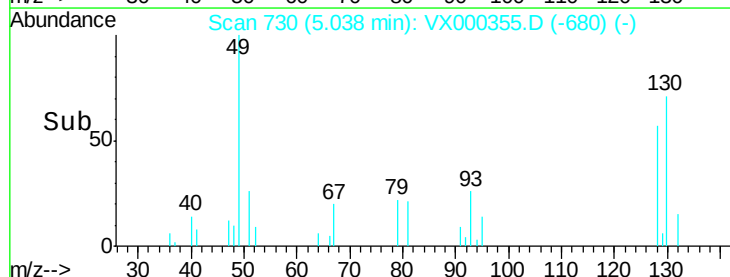
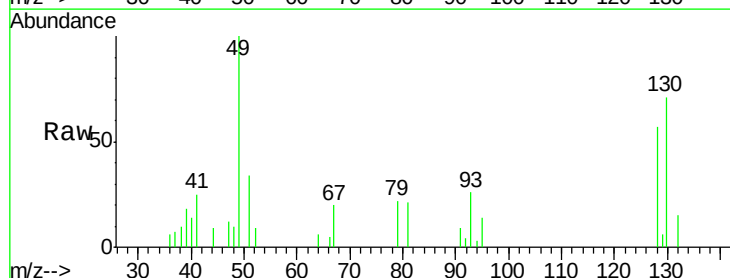
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

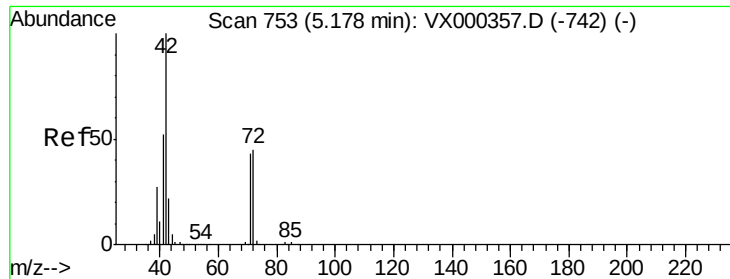
Tgt Ion: 96 Resp: 6838
 Ion Ratio Lower Upper
 96 100
 61 143.7 0.0 291.6
 98 70.3 0.0 132.0



#28
 Bromochloromethane
 Concen: 5.33 ug/l
 RT: 5.04 min Scan# 730
 Delta R.T. 0.01 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Tgt Ion: 49 Resp: 5416
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 5.0
 130 34.5 64.0 96.0#

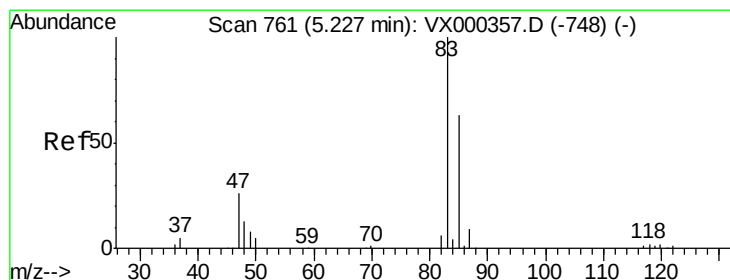
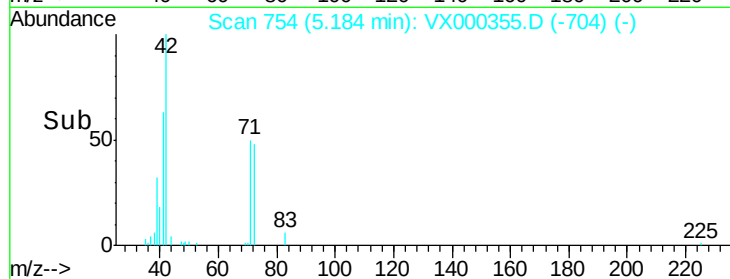
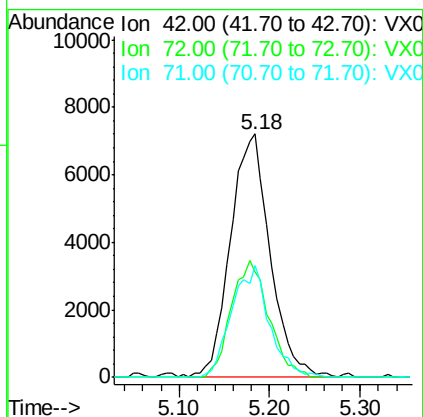
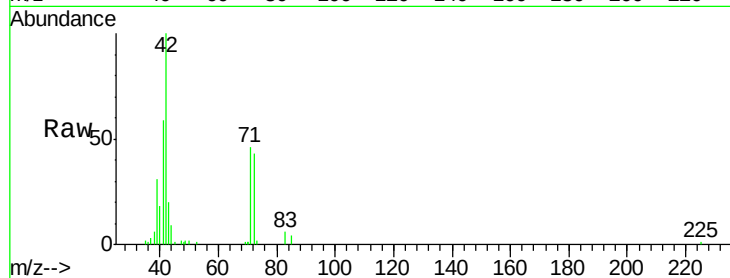




#29
Tetrahydrofuran
Concen: 25.96 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

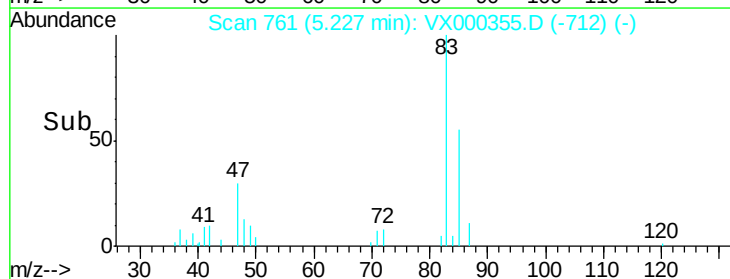
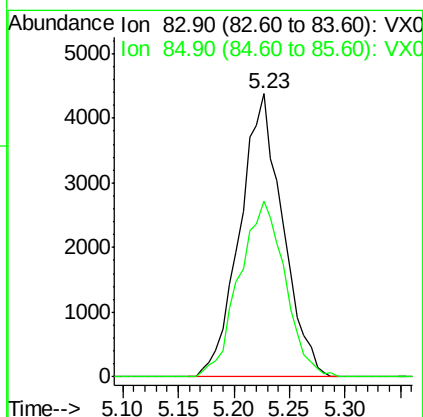
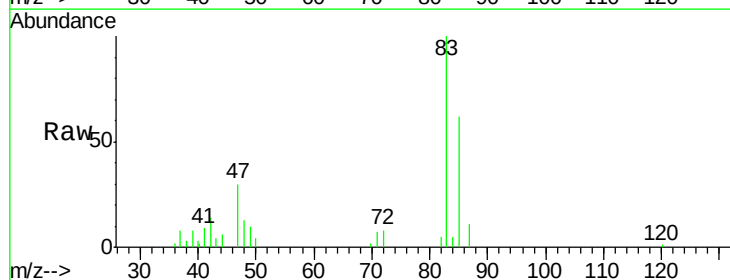
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

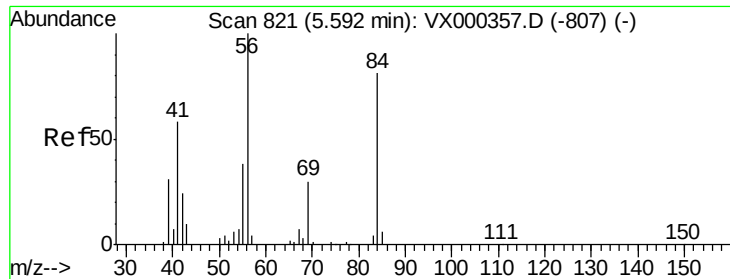
Tgt Ion: 42 Resp: 21889
Ion Ratio Lower Upper
42 100
72 45.3 37.9 56.9
71 43.5 34.4 51.6



#30
Chloroform
Concen: 5.12 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion: 83 Resp: 11699
Ion Ratio Lower Upper
83 100
85 62.1 53.3 79.9

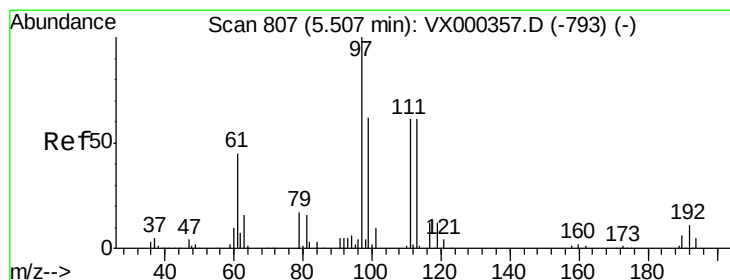
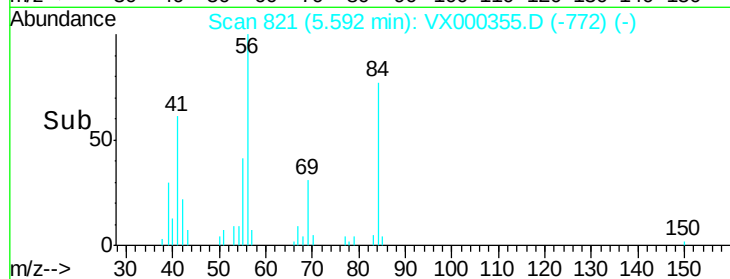
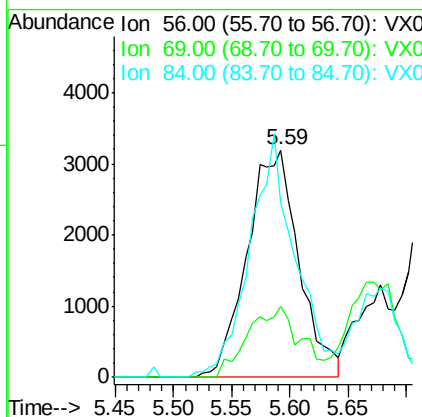
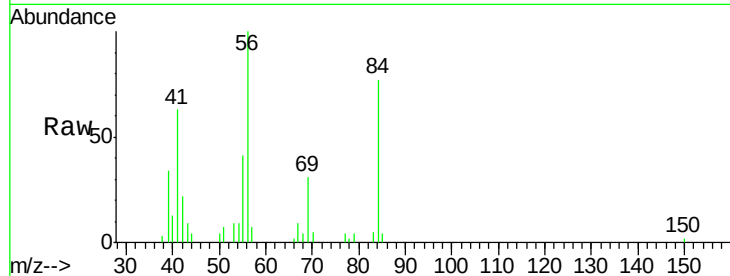




#31
Cyclohexane
Concen: 5.33 ug/l
RT: 5.59 min Scan# 821
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

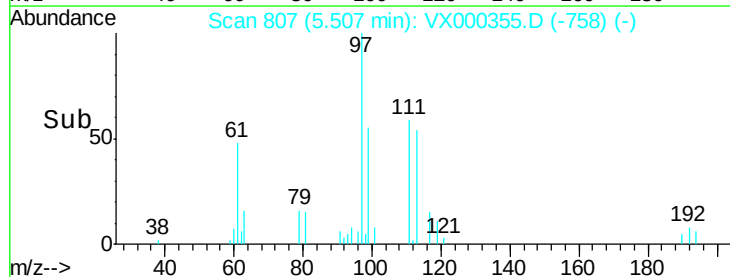
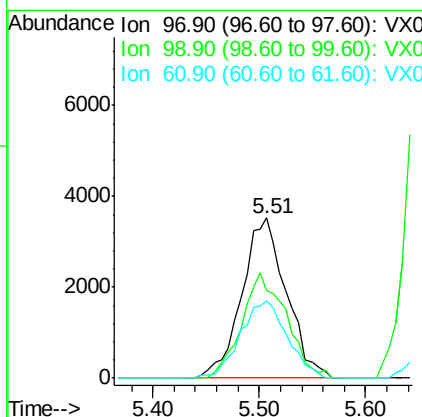
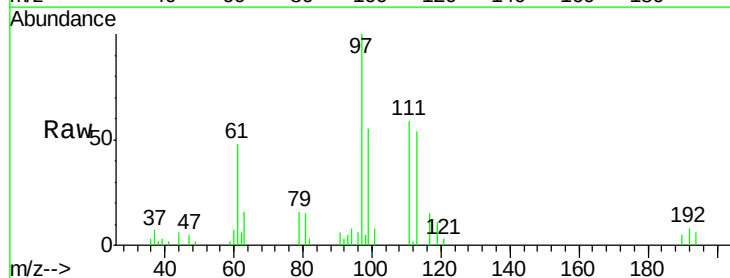
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

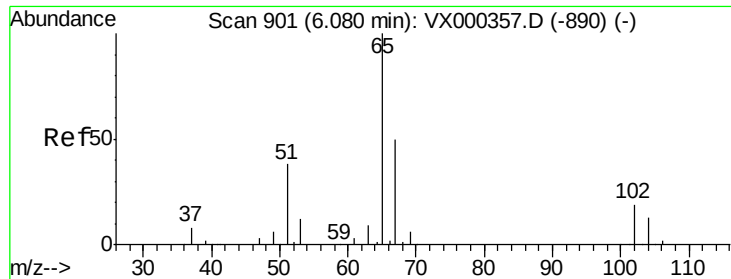
Tgt Ion: 56 Resp: 9883
Ion Ratio Lower Upper
56 100
69 31.2 23.4 35.0
84 76.9 71.0 106.4



#32
1,1,1-Trichloroethane
Concen: 5.11 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion: 97 Resp: 10306
Ion Ratio Lower Upper
97 100
99 65.5 52.1 78.1
61 50.7 36.2 54.4

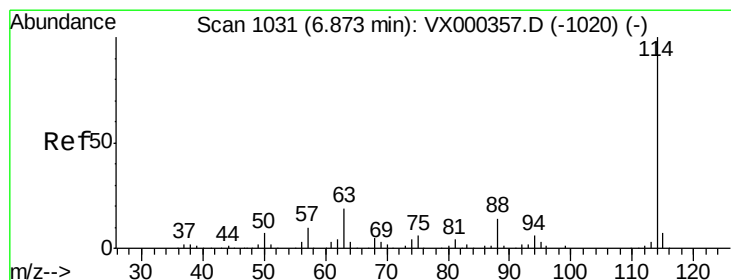
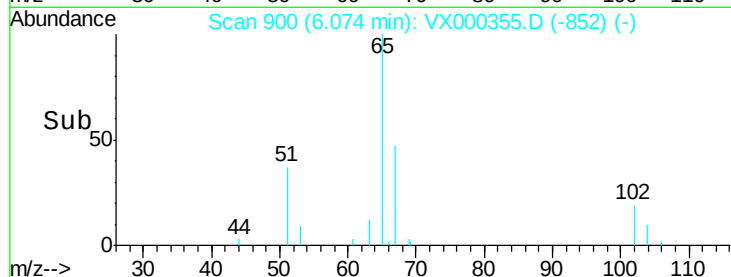
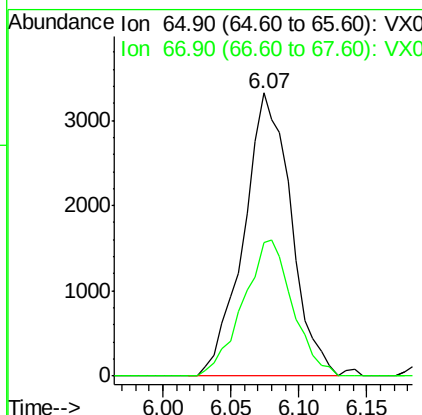
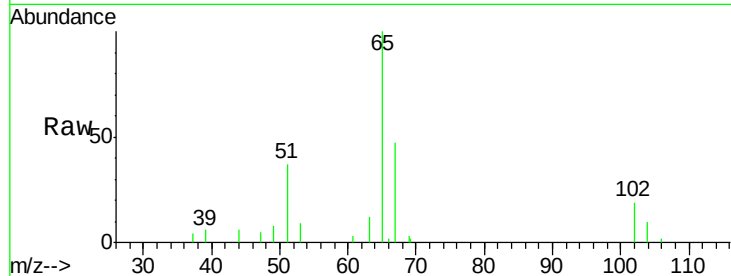




#33
 1,2-Dichloroethane-d4
 Concen: 4.93 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

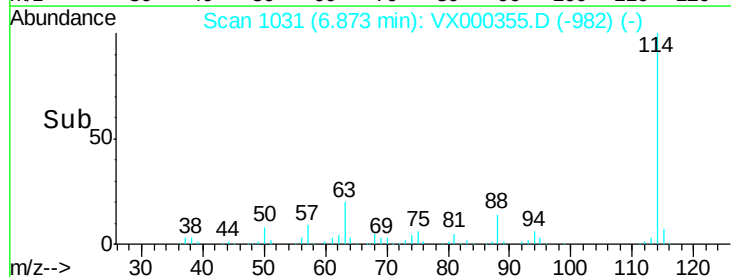
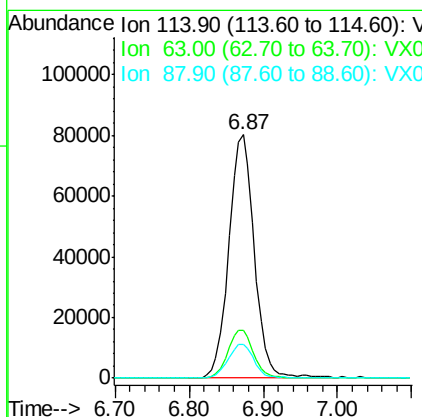
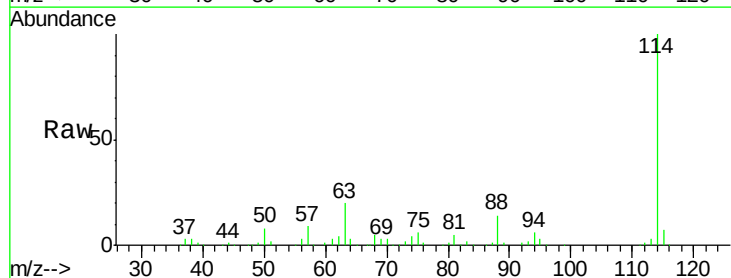
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

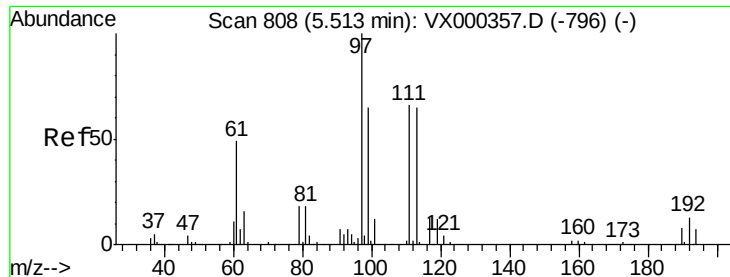
Tgt Ion: 65 Resp: 8096
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Tgt Ion: 114 Resp: 192085
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.4
 88 13.9 0.0 27.0

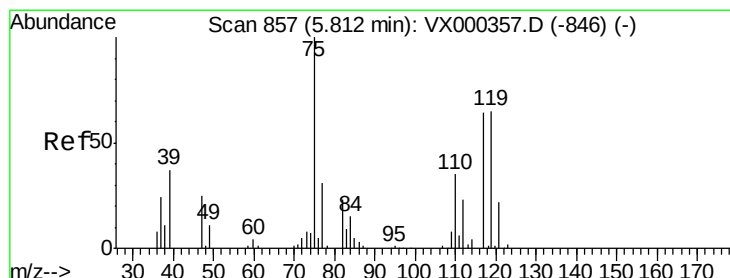
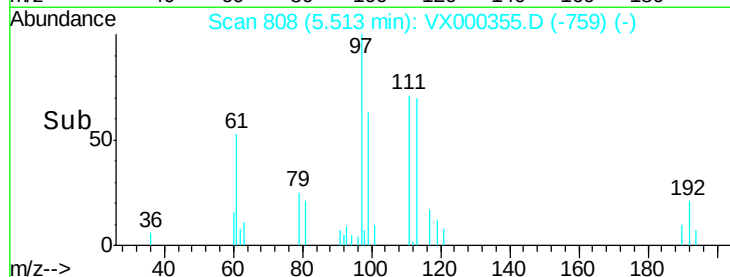
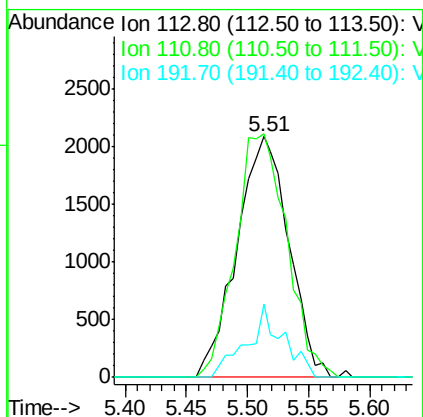
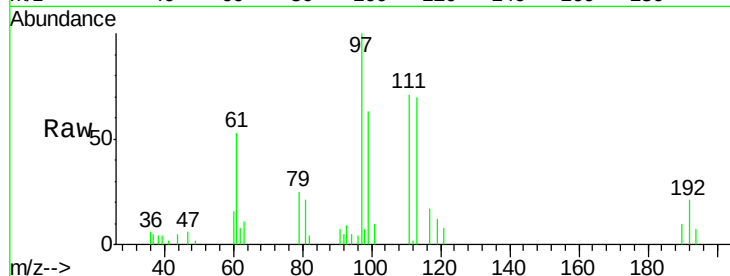




#35
 Dibromofluoromethane
 Concen: 5.08 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

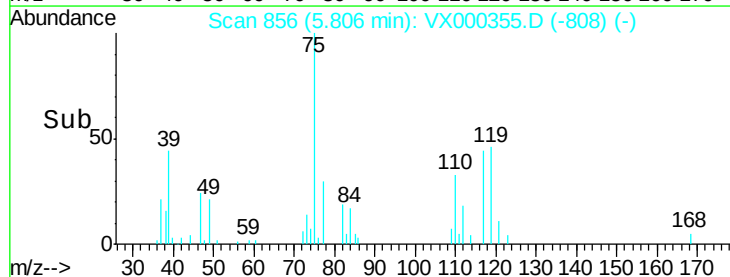
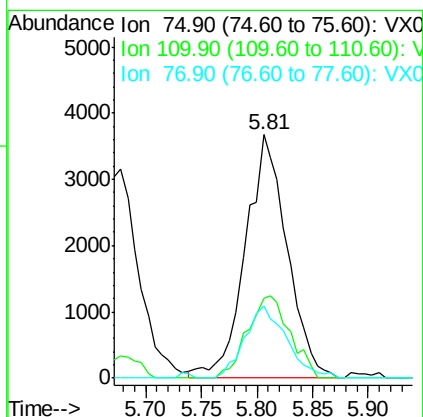
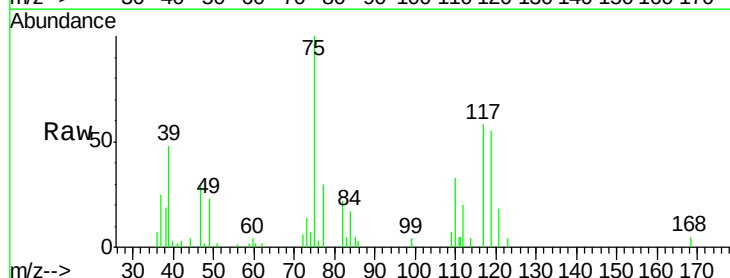
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

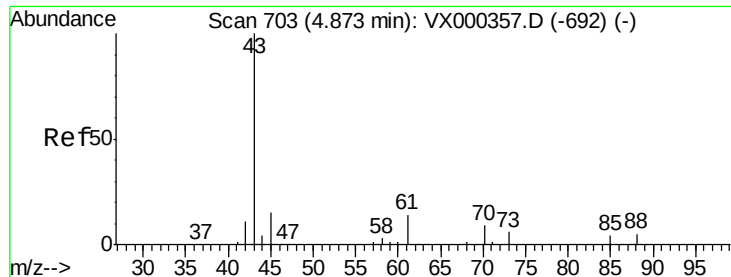
Tgt Ion:113 Resp: 6152
 Ion Ratio Lower Upper
 113 100
 111 100.4 82.4 123.6
 192 21.3 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 5.49 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Tgt Ion: 75 Resp: 9590
 Ion Ratio Lower Upper
 75 100
 110 34.3 17.9 53.7
 77 29.4 24.0 36.0

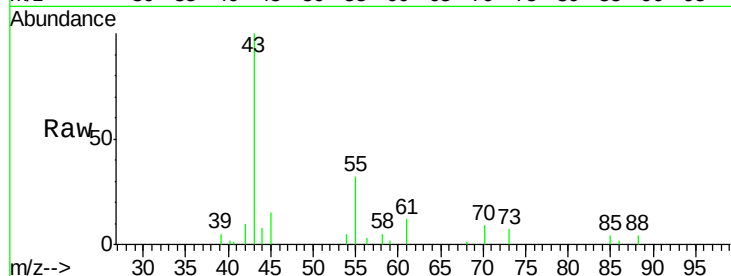




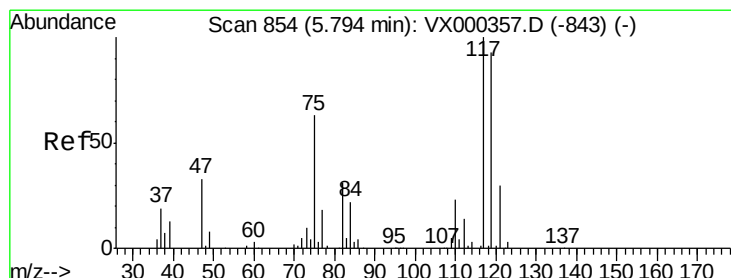
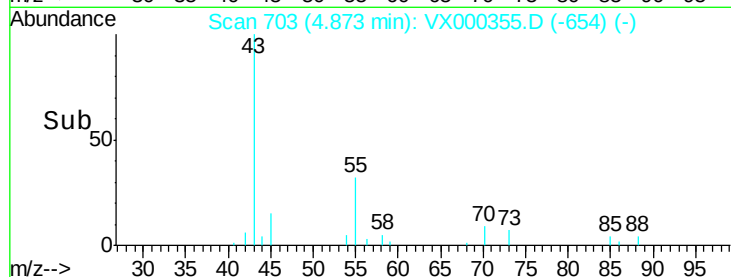
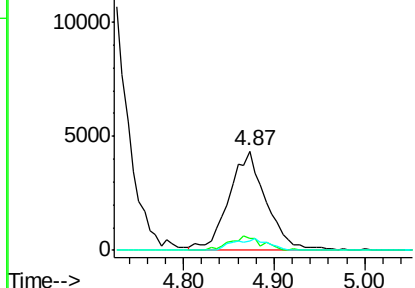
#37
Ethyl Acetate
Concen: 5.35 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tgt Ion: 43 Resp: 12417
Ion Ratio Lower Upper
43 100
61 12.1 11.1 16.7
70 10.8 7.7 11.5

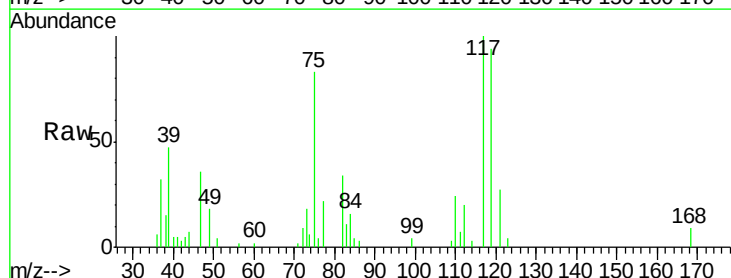


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

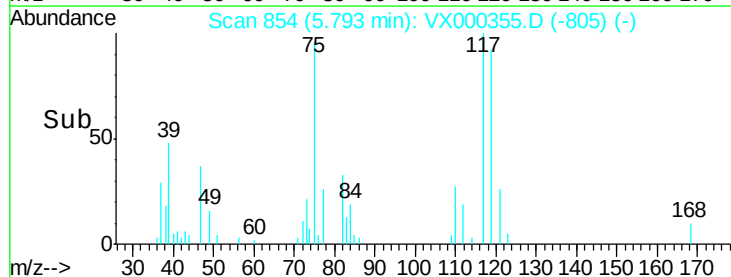
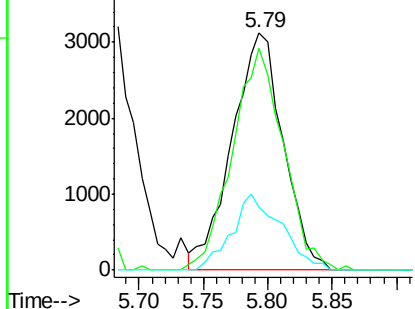


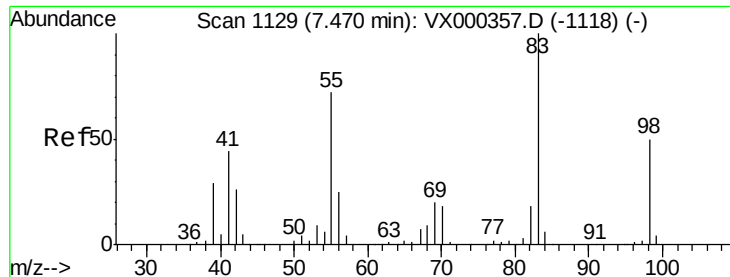
#38
Carbon Tetrachloride
Concen: 4.89 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion: 117 Resp: 8603
Ion Ratio Lower Upper
117 100
119 93.6 77.4 116.2
121 26.5 24.8 37.2



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

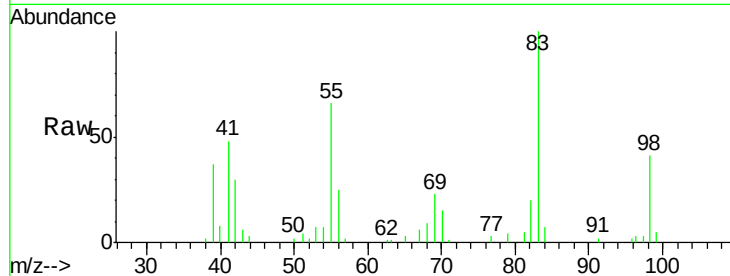




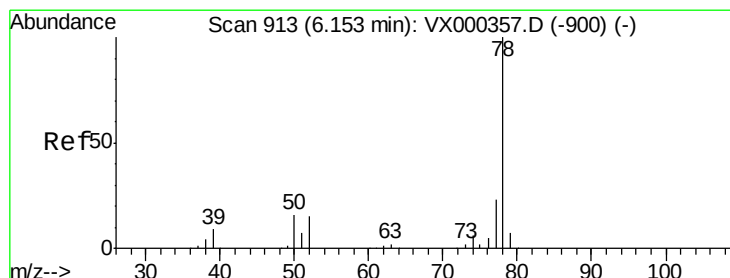
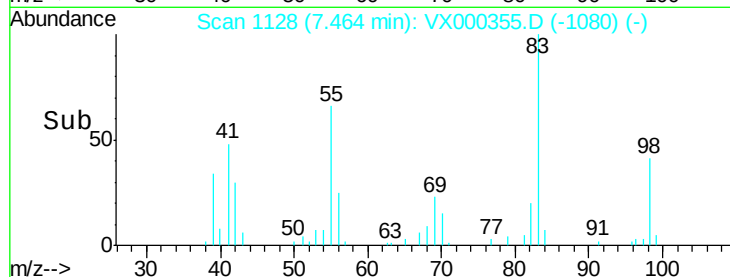
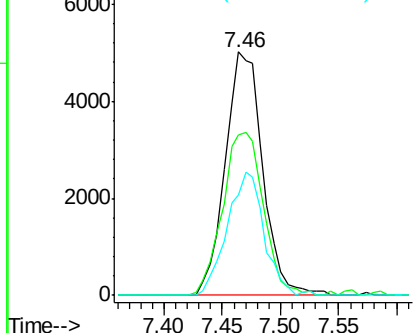
#39
Methylcyclohexane
Concen: 5.51 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tgt Ion: 83 Resp: 11216
Ion Ratio Lower Upper
83 100
55 65.8 55.5 83.3
98 41.3 38.2 57.4

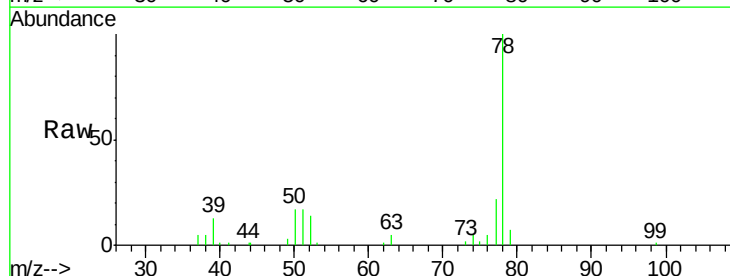


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

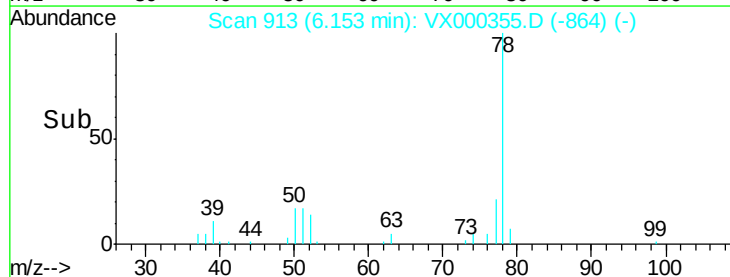
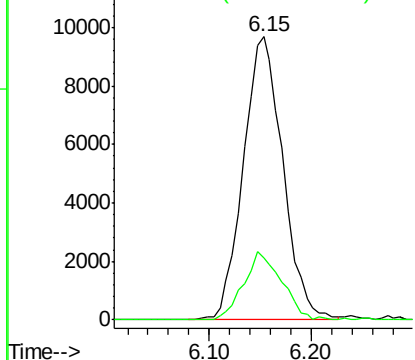


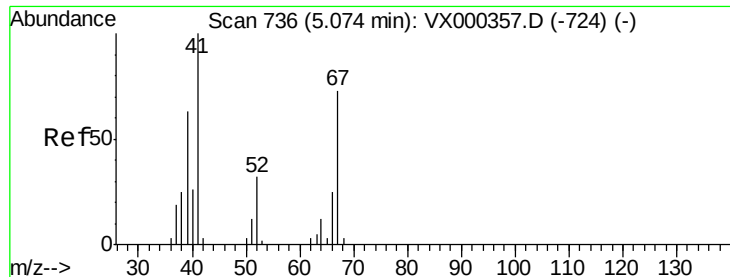
#40
Benzene
Concen: 5.27 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion: 78 Resp: 26090
Ion Ratio Lower Upper
78 100
77 22.0 18.7 28.1



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

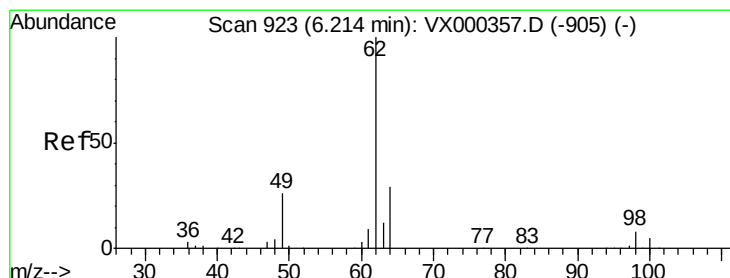
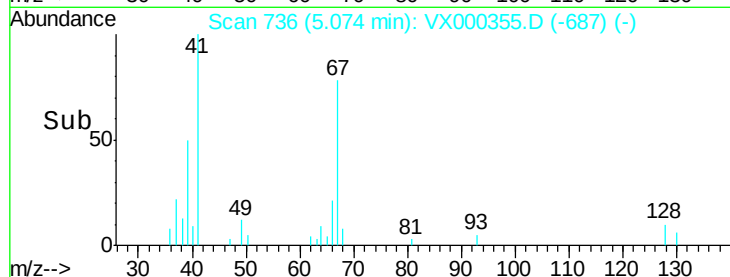
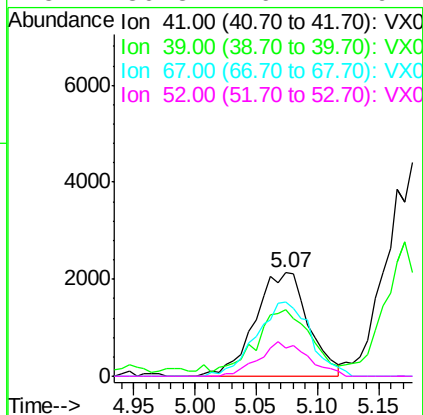
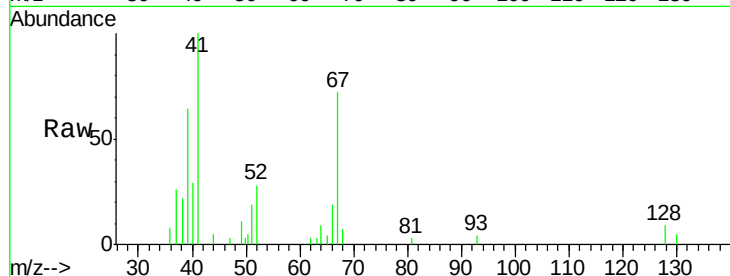




#41
Methacrylonitrile
Concen: 5.36 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

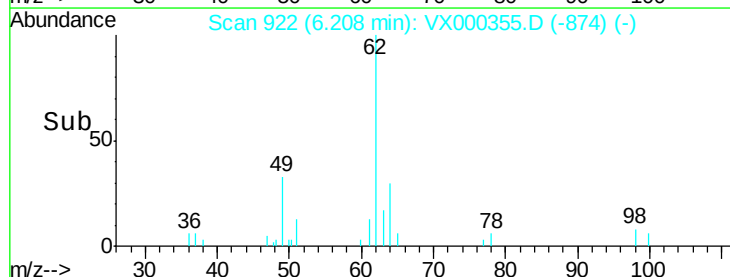
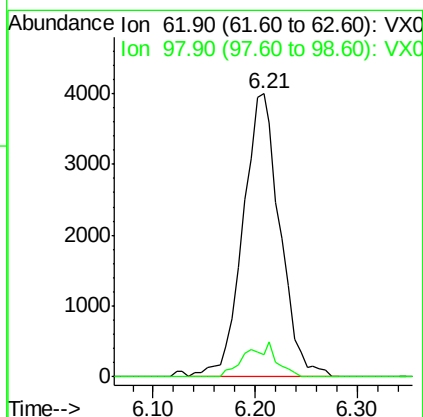
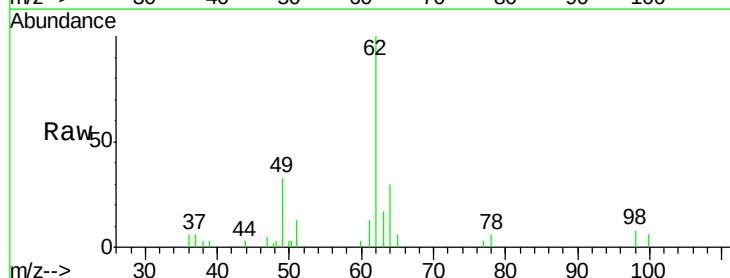
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

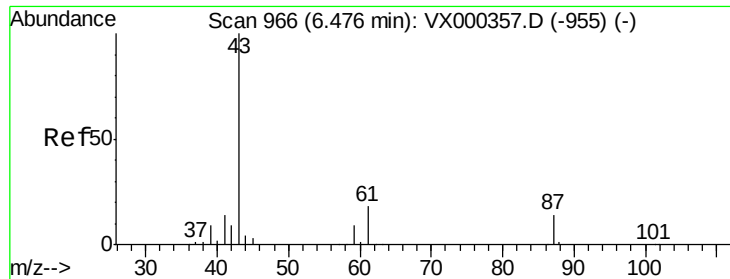
Tgt Ion:	41	Resp:	6522
Ion	Ratio	Lower	Upper
41	100		
39	59.2	45.7	68.5
67	72.2	57.8	86.8
52	30.3	26.7	40.1



#42
1,2-Dichloroethane
Concen: 5.14 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion:	62	Resp:	10096
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	15.8





#43

Isopropyl Acetate

Concen: 5.18 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

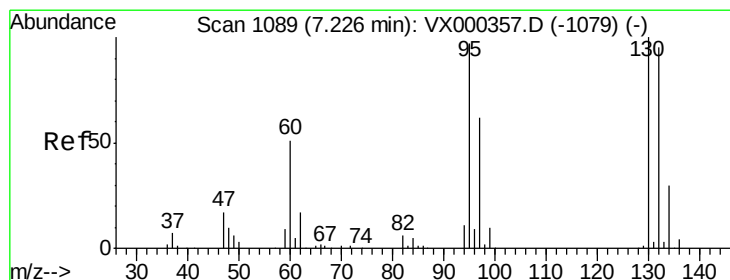
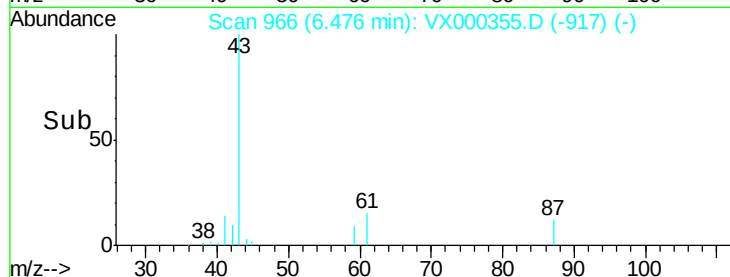
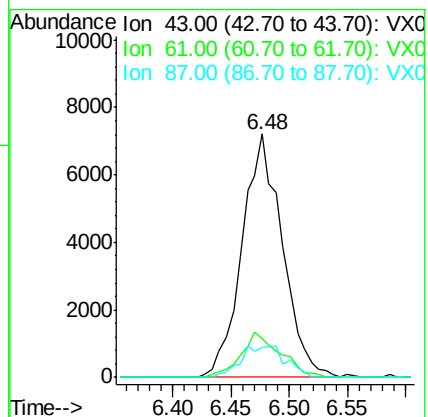
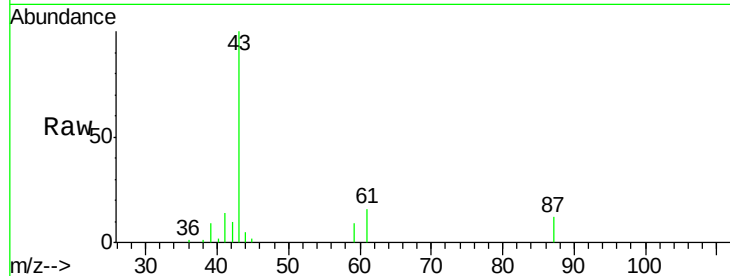
Tgt Ion: 43 Resp: 17339

Ion Ratio Lower Upper

43 100

61 18.3 14.4 21.6

87 14.4 11.0 16.4



#44

Trichloroethene

Concen: 5.45 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000355.D

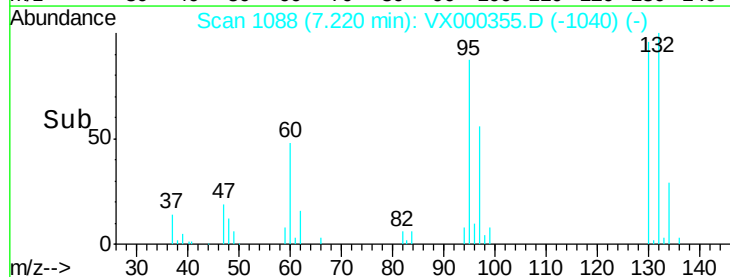
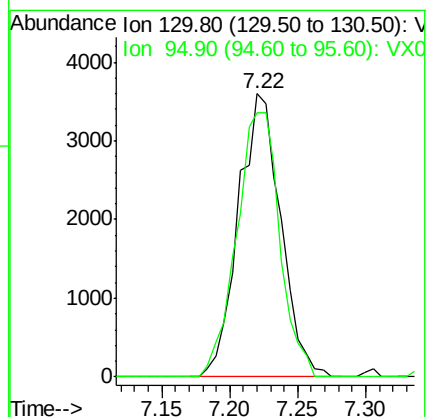
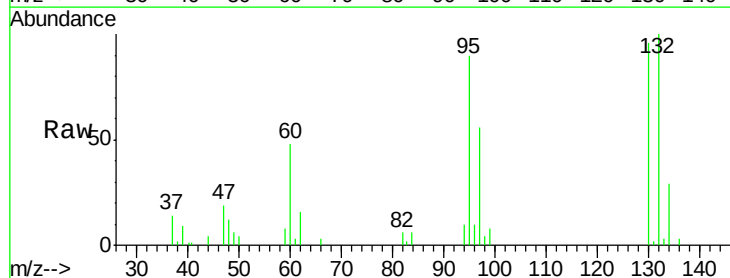
Acq: 20 Mar 2018 10:42

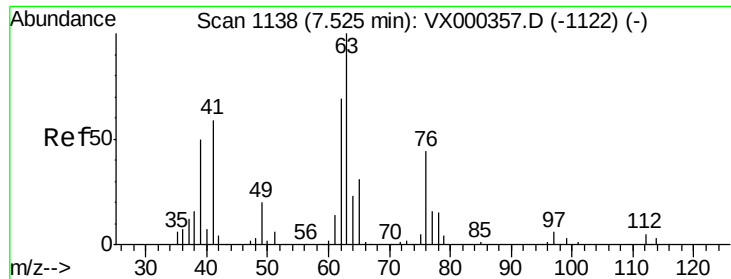
Tgt Ion: 130 Resp: 7823

Ion Ratio Lower Upper

130 100

95 93.3 0.0 186.0

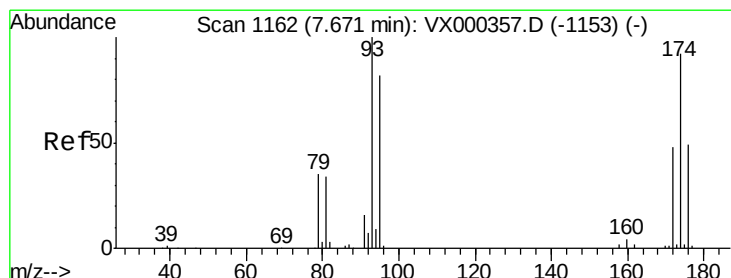
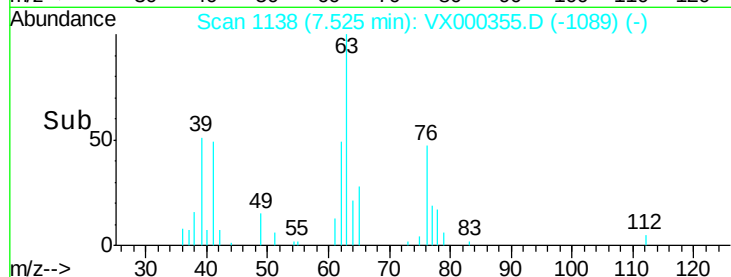
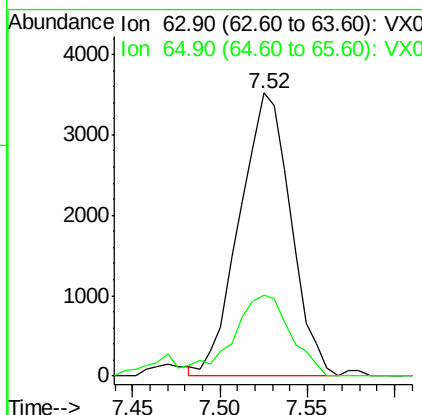
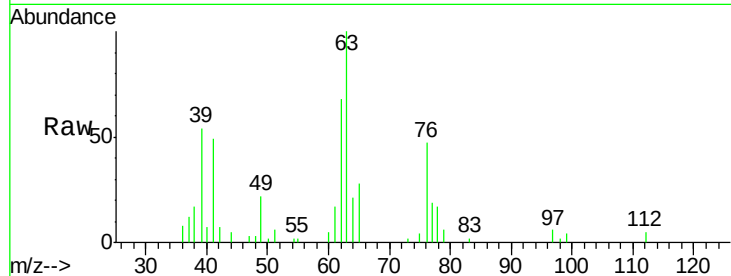




#45
 1,2-Dichloropropane
 Concen: 5.87 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

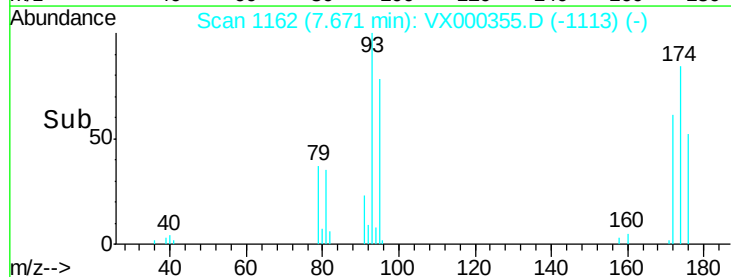
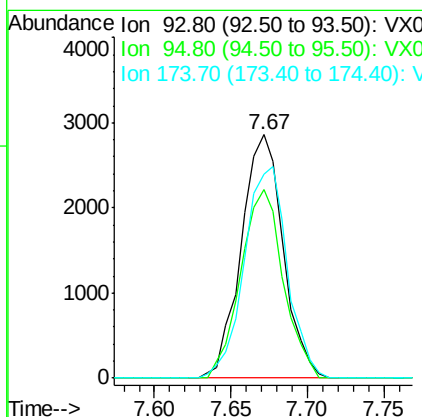
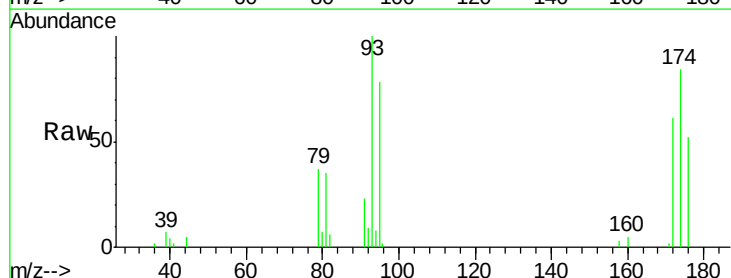
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

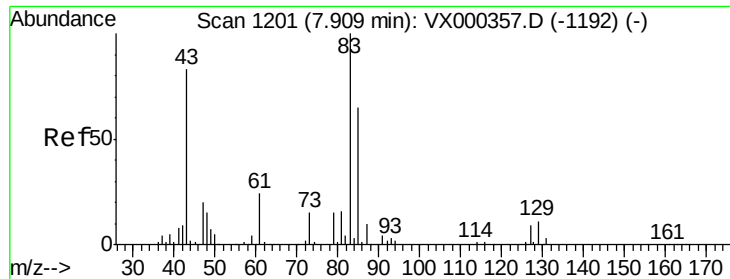
Tgt Ion: 63 Resp: 7170
 Ion Ratio Lower Upper
 63 100
 65 28.4 24.6 36.8



#46
 Dibromomethane
 Concen: 5.55 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Tgt Ion: 93 Resp: 5440
 Ion Ratio Lower Upper
 93 100
 95 78.7 66.5 99.7
 174 89.4 76.0 114.0





#47

Bromodichloromethane

Concen: 4.97 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

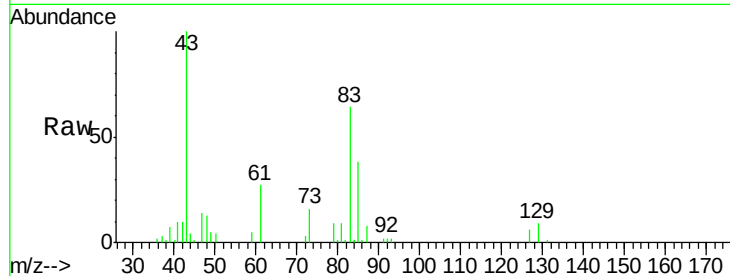
Tgt Ion: 83 Resp: 8652

Ion Ratio Lower Upper

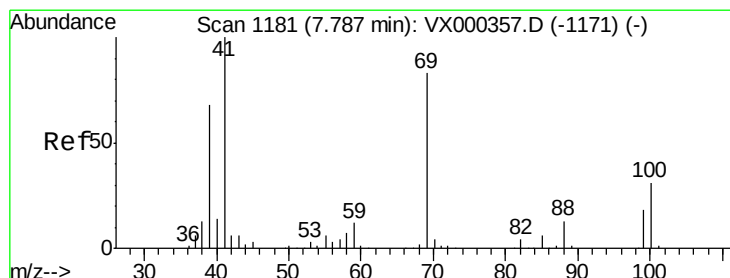
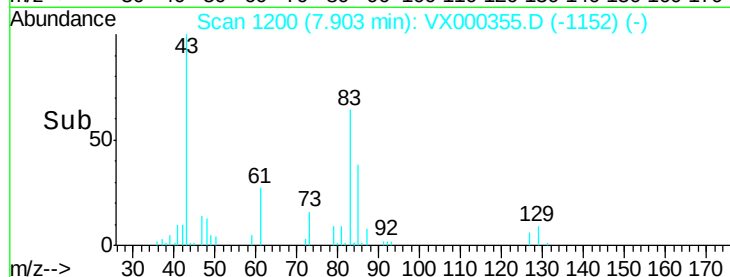
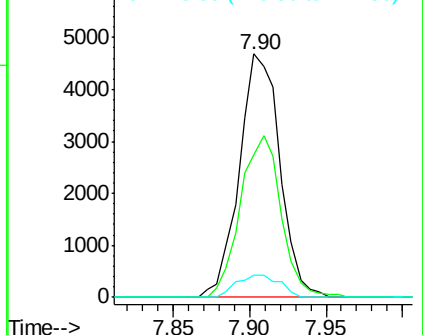
83 100

85 58.6 51.4 77.0

127 9.3 7.0 10.6



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



#48

Methyl methacrylate

Concen: 5.07 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

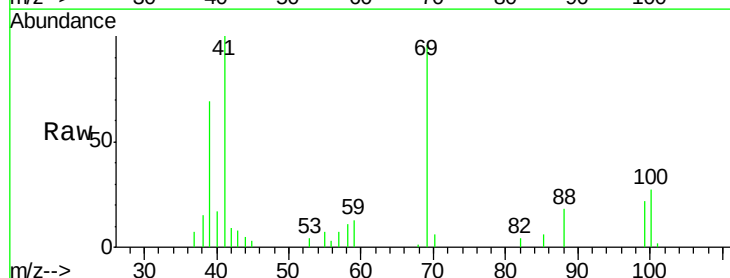
Tgt Ion: 41 Resp: 8580

Ion Ratio Lower Upper

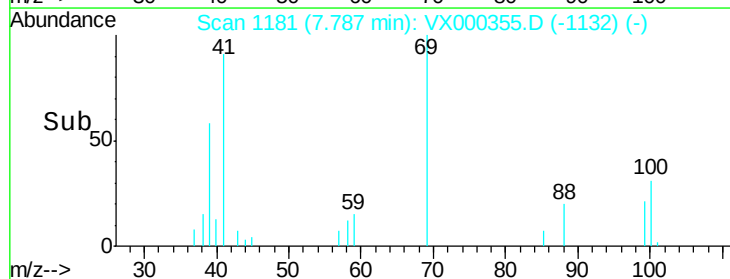
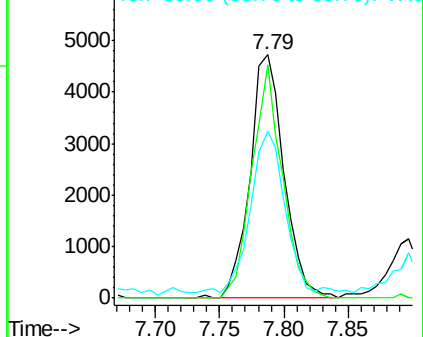
41 100

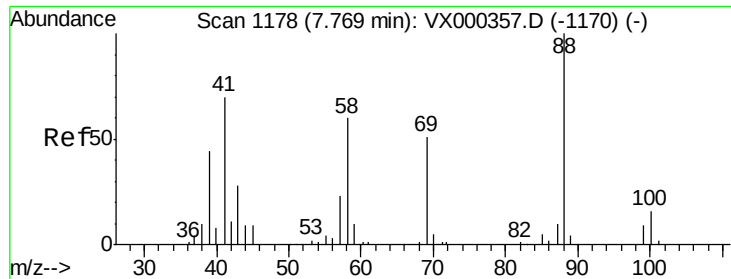
69 85.8 68.2 102.4

39 66.7 54.6 81.8



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

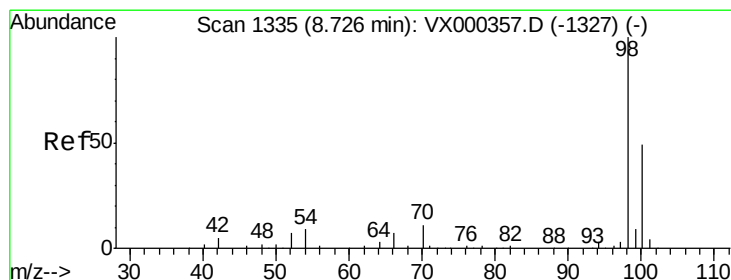
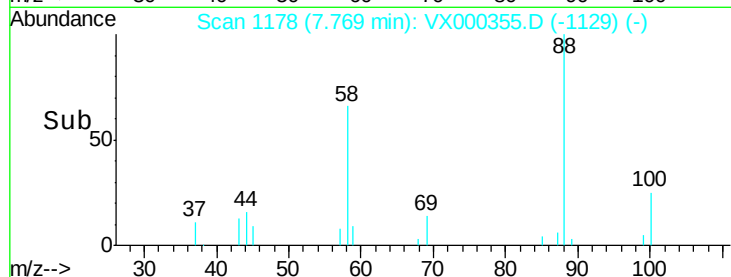
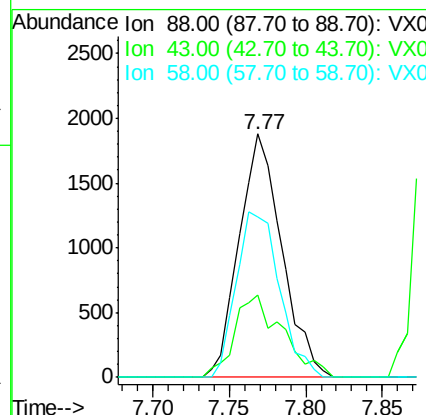
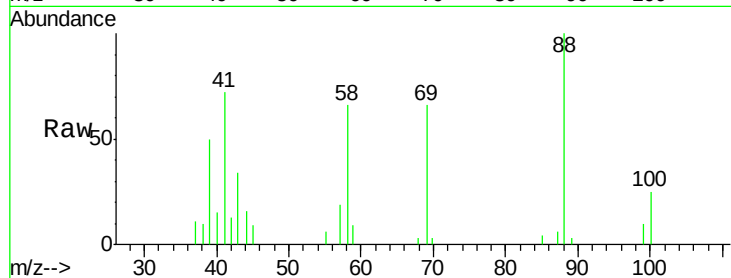




#49
 1,4-Dioxane
 Concen: 95.58 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

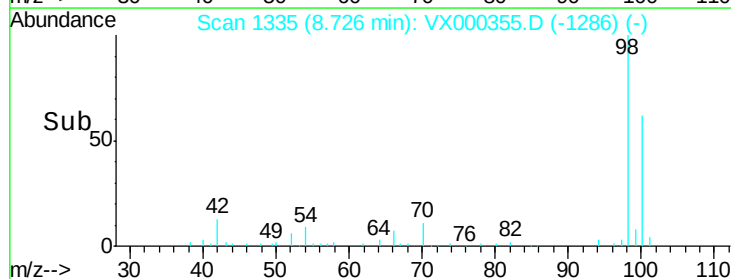
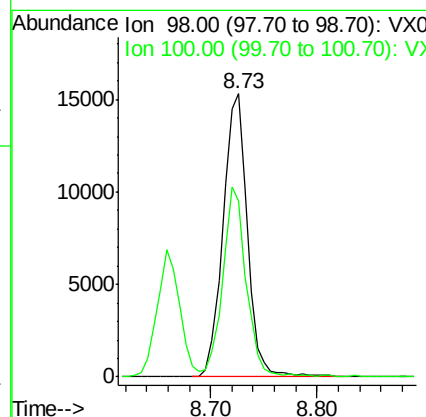
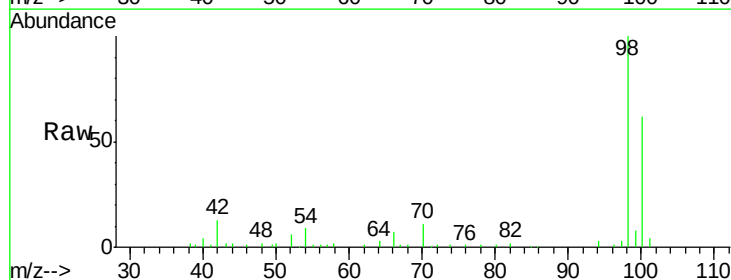
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

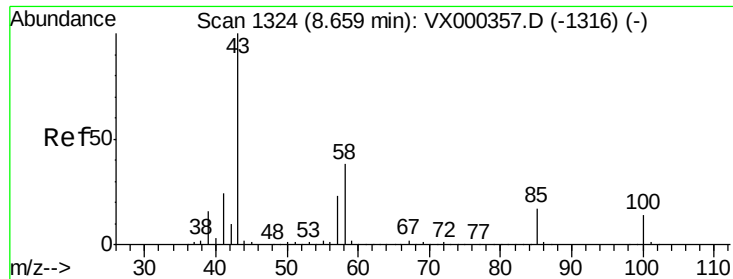
Tgt Ion: 88 Resp: 3640
 Ion Ratio Lower Upper
 88 100
 43 38.3 26.8 40.2
 58 68.8 52.2 78.2



#50
 Toluene-d8
 Concen: 4.83 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Tgt Ion: 98 Resp: 24416
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 26.19 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

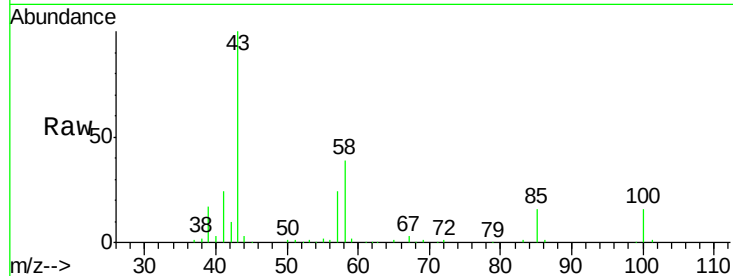
VSTDIC005

Tgt Ion: 43 Resp: 68095

Ion Ratio Lower Upper

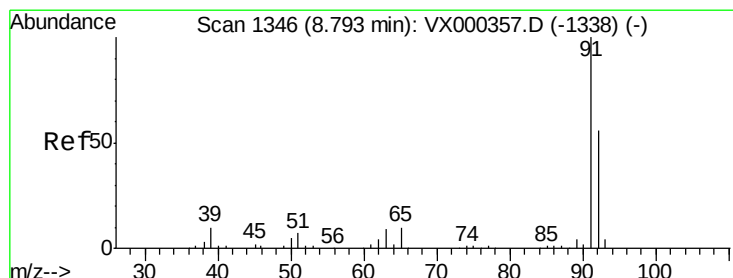
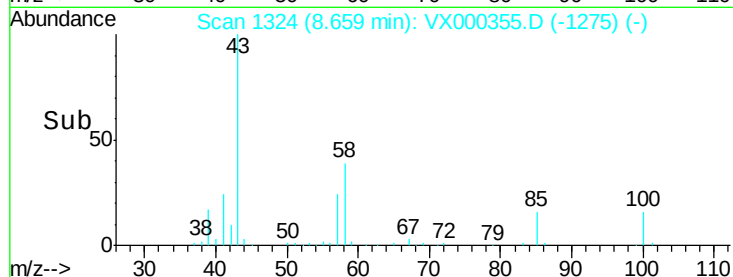
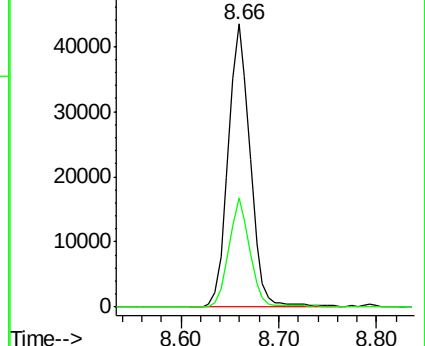
43 100

58 36.5 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: 4.96 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000355.D

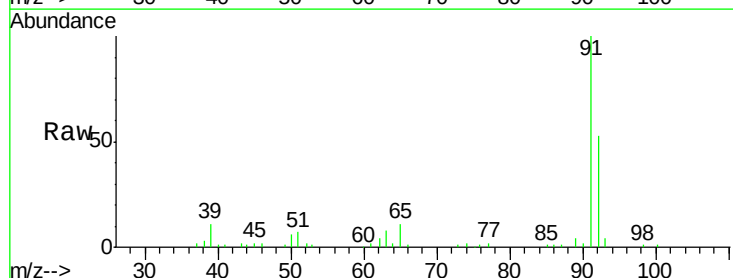
Acq: 20 Mar 2018 10:42

Tgt Ion: 92 Resp: 17269

Ion Ratio Lower Upper

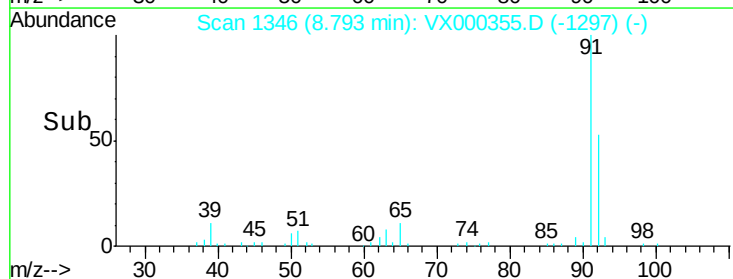
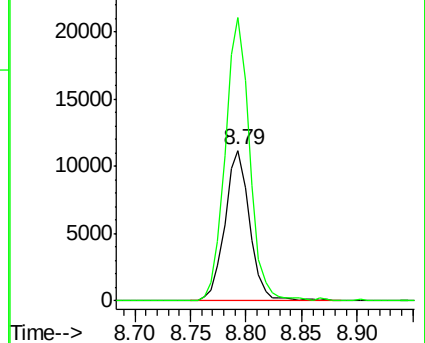
92 100

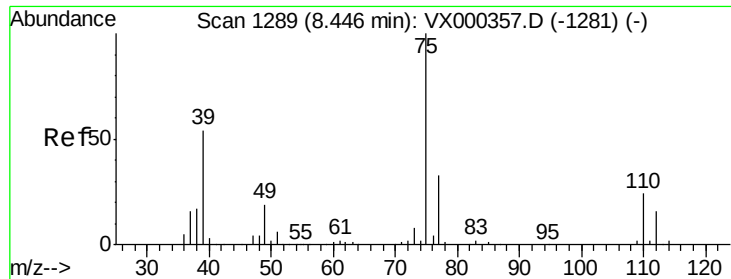
91 185.4 140.2 210.2



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: 4.75 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

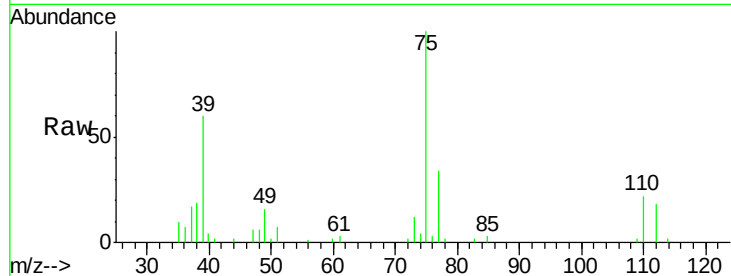
VSTDIC005

Tgt Ion: 75 Resp: 9537

Ion Ratio Lower Upper

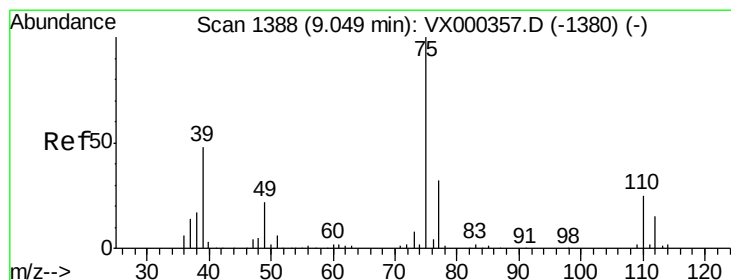
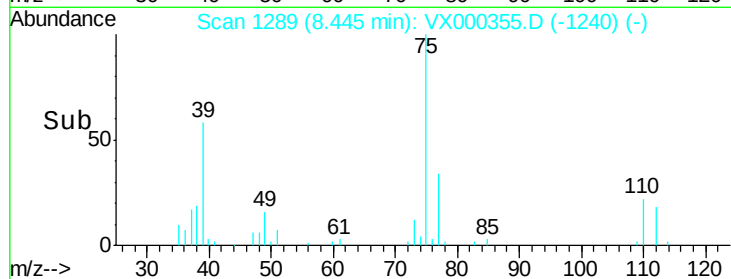
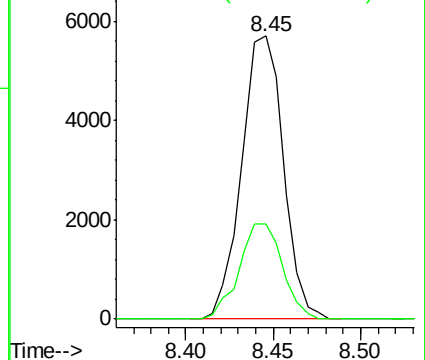
75 100

77 33.5 24.0 36.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 4.43 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

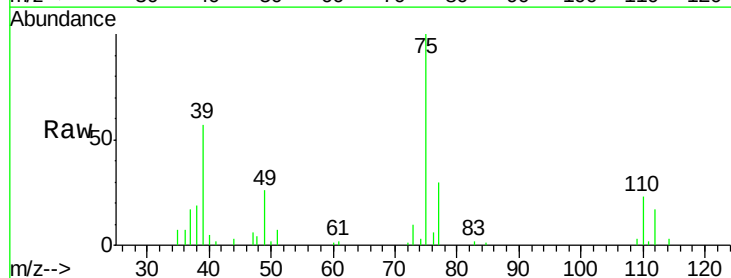
Tgt Ion: 75 Resp: 8708

Ion Ratio Lower Upper

75 100

77 30.0 26.1 39.1

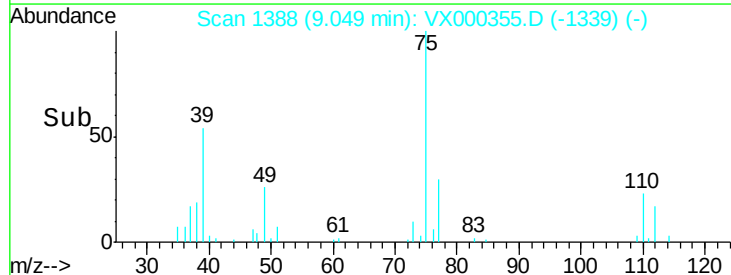
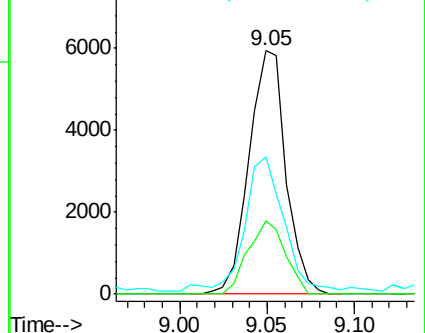
39 55.0 39.8 59.6

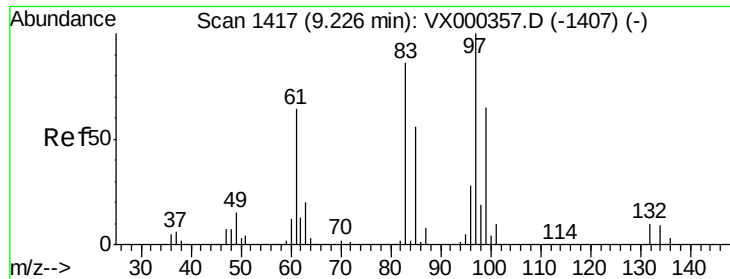


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

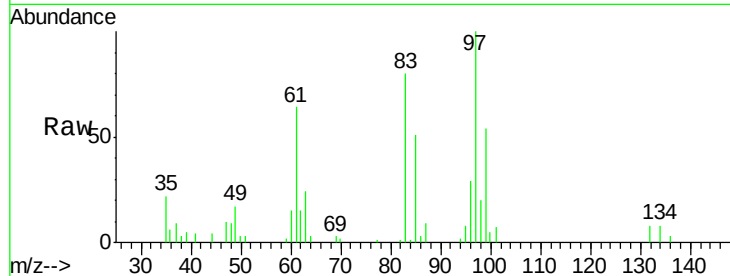




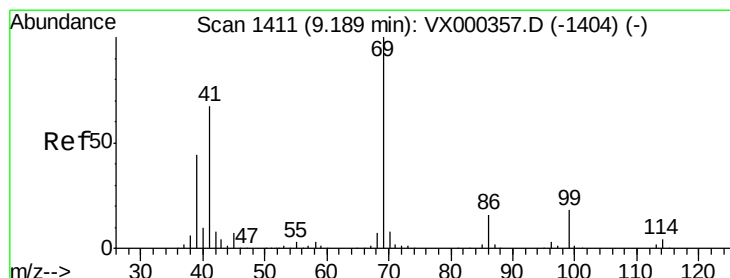
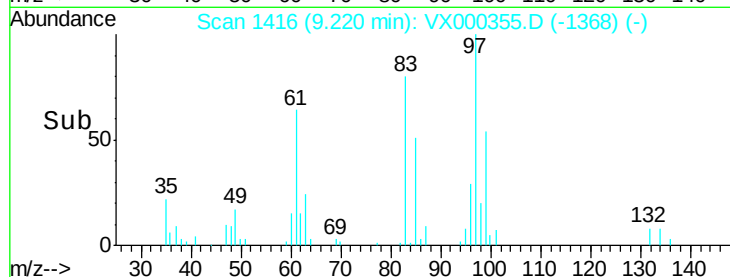
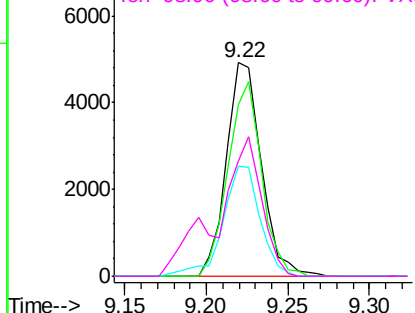
#55
1,1,2-Trichloroethane
Concen: 5.27 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. -0.01 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:	97	Resp:	7356
Ion	Ratio	Lower	Upper
97	100		
83	80.1	67.9	101.9
85	51.5	42.8	64.2
99	53.9	49.4	74.2

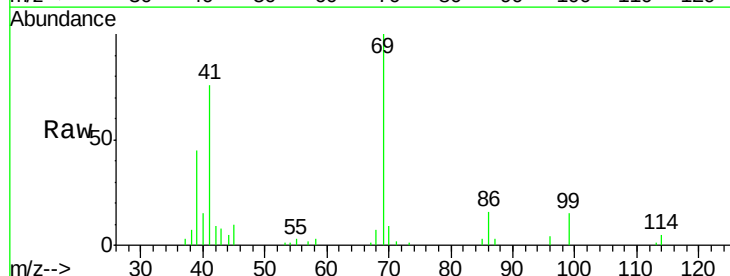


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

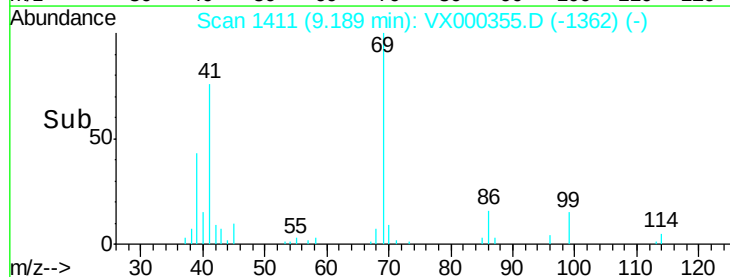
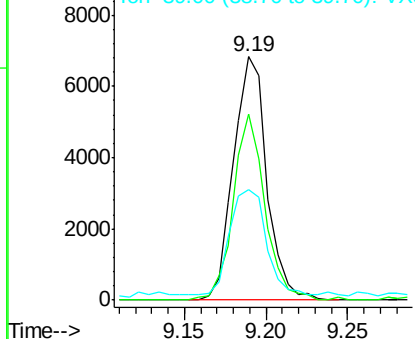


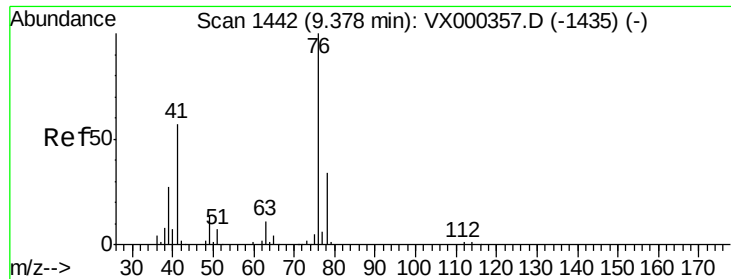
#56
Ethyl methacrylate
Concen: 4.70 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion:	69	Resp:	9711
Ion	Ratio	Lower	Upper
69	100		
41	72.4	53.0	79.6
39	47.3	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

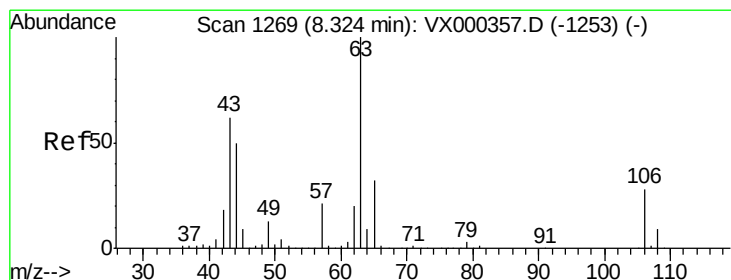
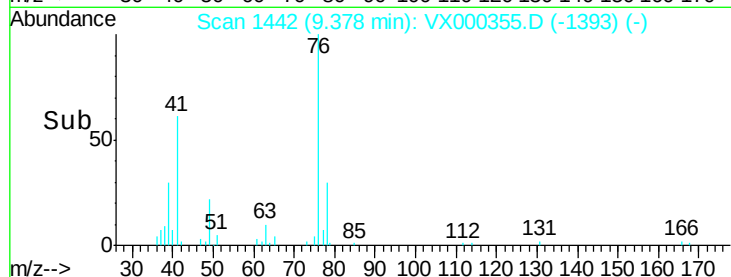
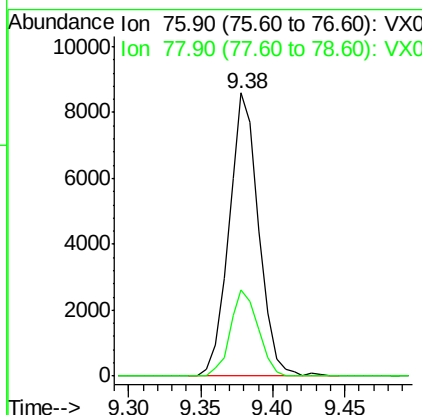
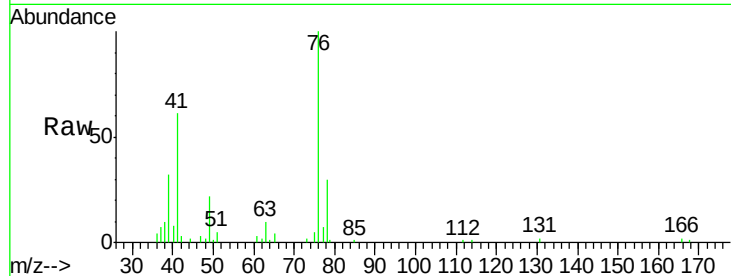




#57
 1,3-Dichloropropane
 Concen: 5.46 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

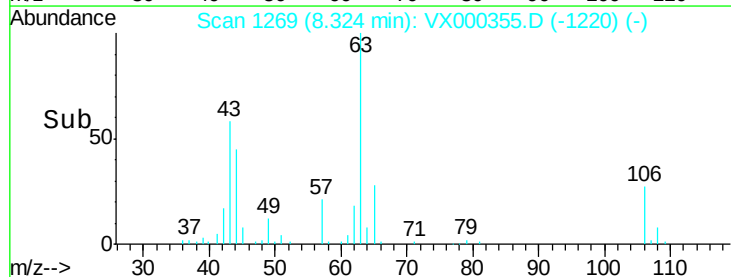
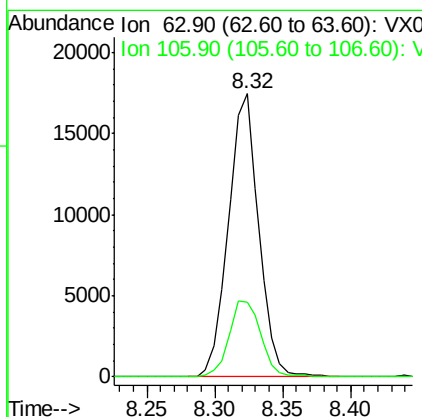
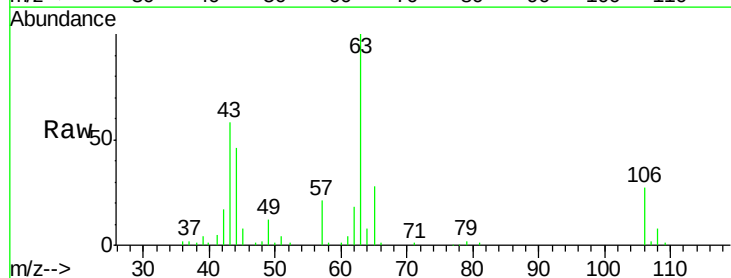
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

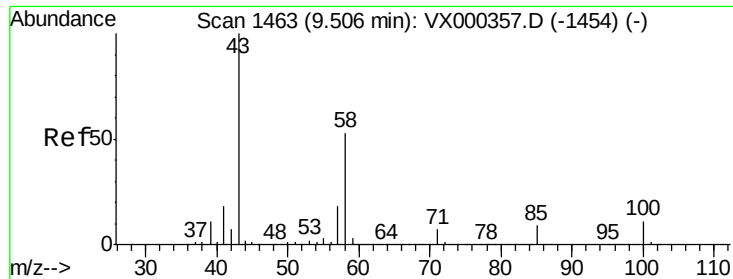
Tgt Ion: 76 Resp: 12340
 Ion Ratio Lower Upper
 76 100
 78 28.4 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 28.37 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Tgt Ion: 63 Resp: 26961
 Ion Ratio Lower Upper
 63 100
 106 28.2 23.2 34.8

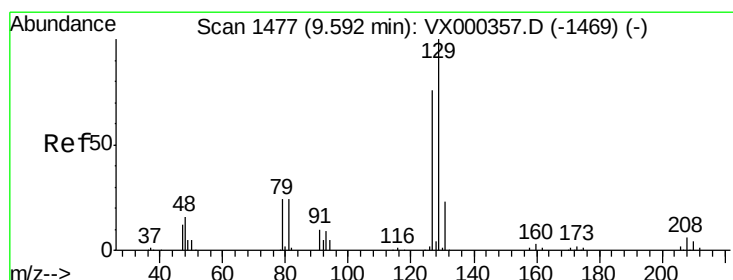
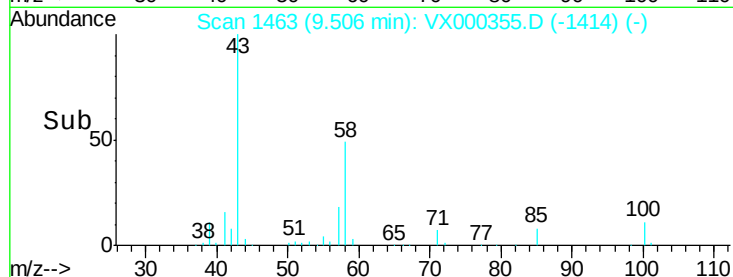
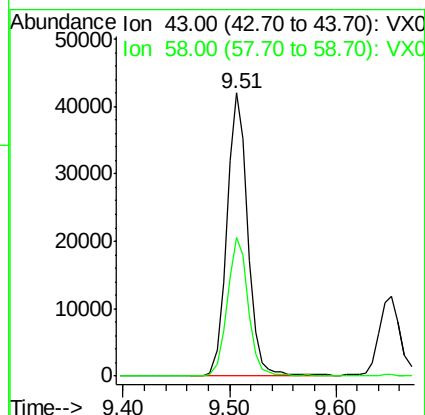
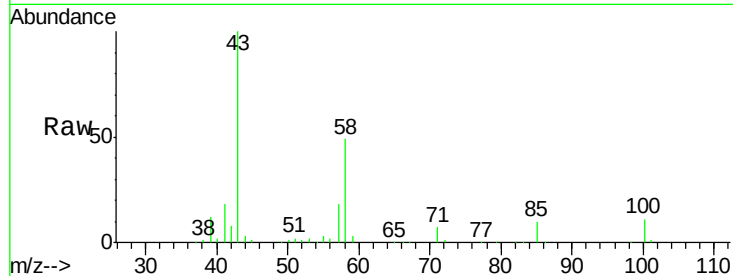




#59
2-Hexanone
Concen: 26.30 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

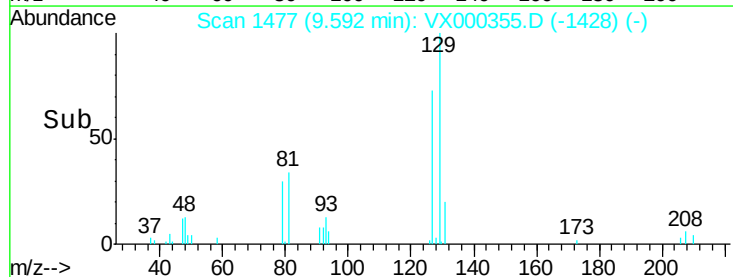
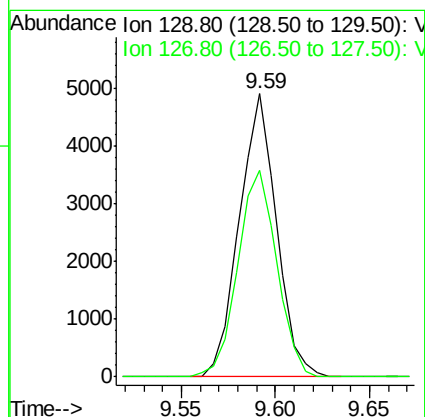
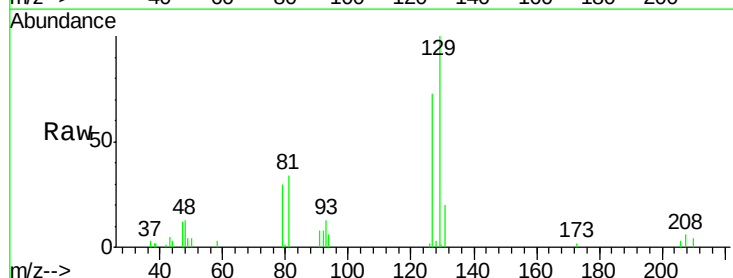
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

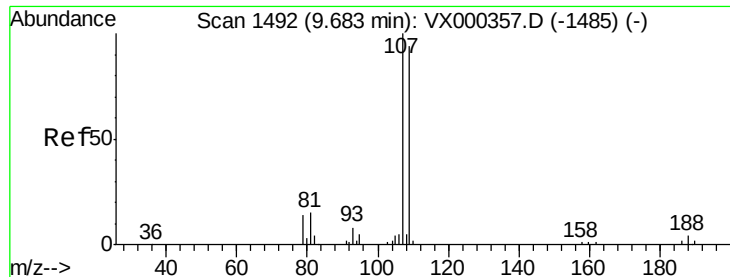
Tgt Ion: 43 Resp: 57614
Ion Ratio Lower Upper
43 100
58 48.8 26.6 79.7



#60
Dibromochloromethane
Concen: 4.54 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion: 129 Resp: 6707
Ion Ratio Lower Upper
129 100
127 76.5 37.9 113.6





#61

1,2-Dibromoethane

Concen: 5.01 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

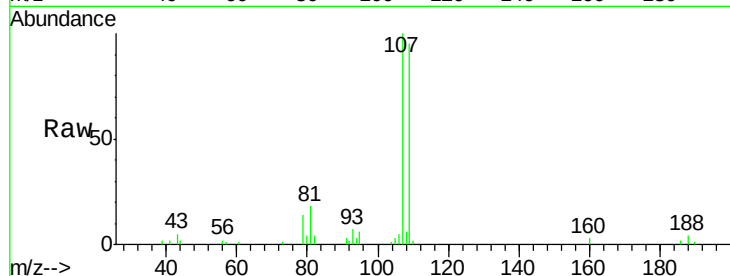
VSTDIC005

Tgt Ion: 107 Resp: 7744

Ion Ratio Lower Upper

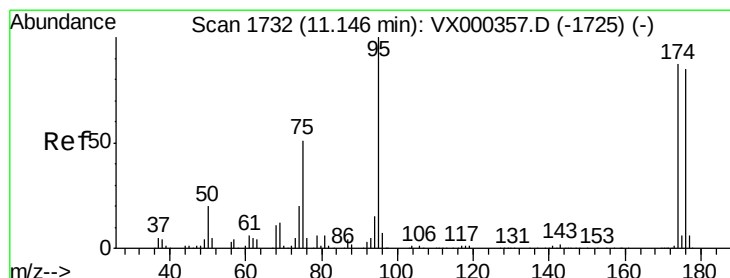
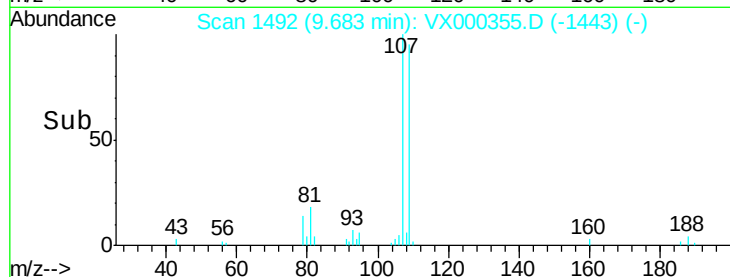
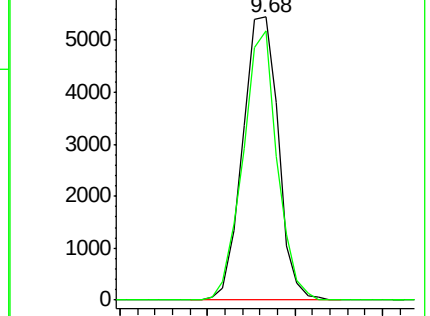
107 100

109 91.6 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: 4.19 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

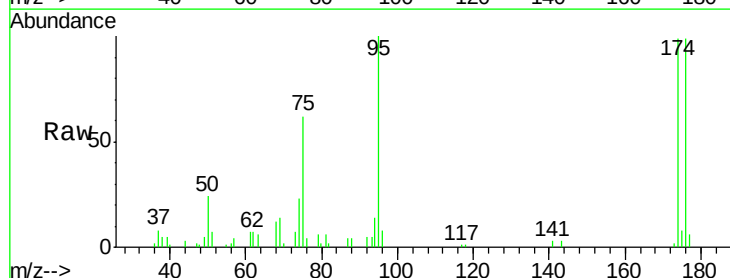
Tgt Ion: 95 Resp: 8491

Ion Ratio Lower Upper

95 100

174 97.1 0.0 173.6

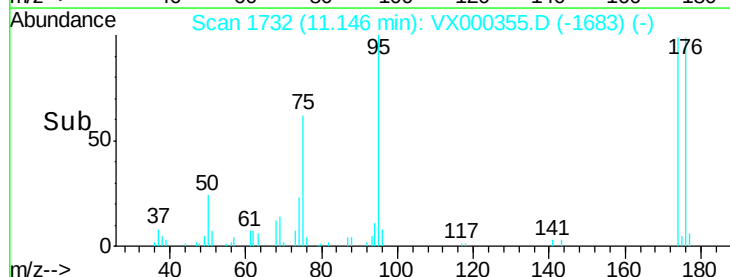
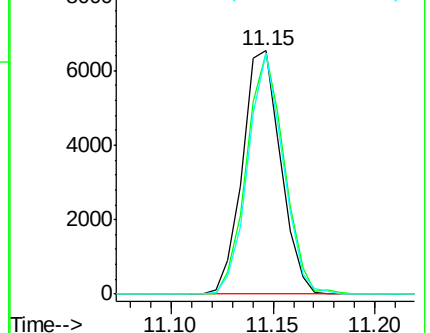
176 91.6 0.0 164.6

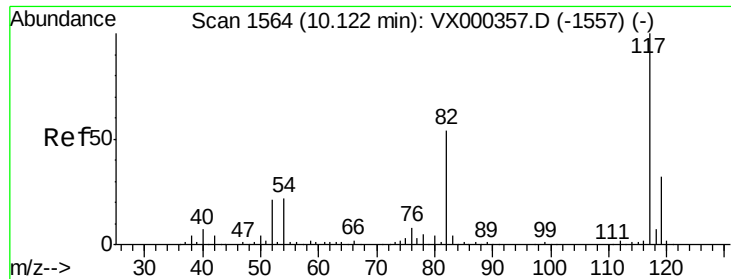


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

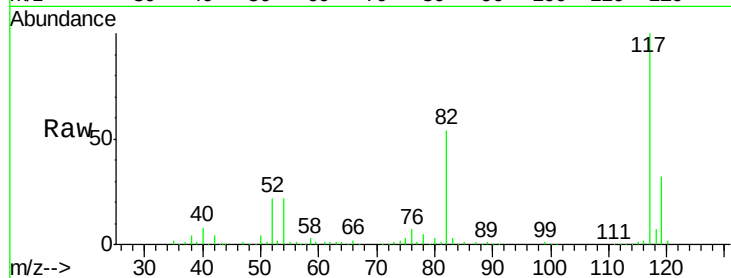




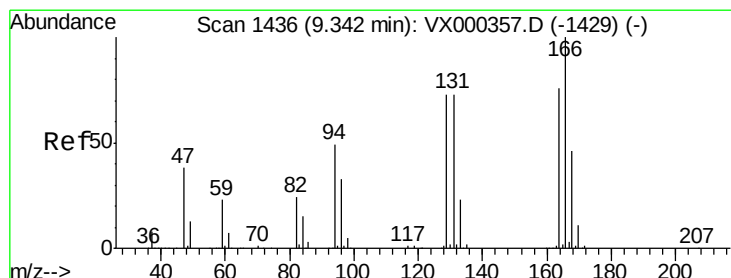
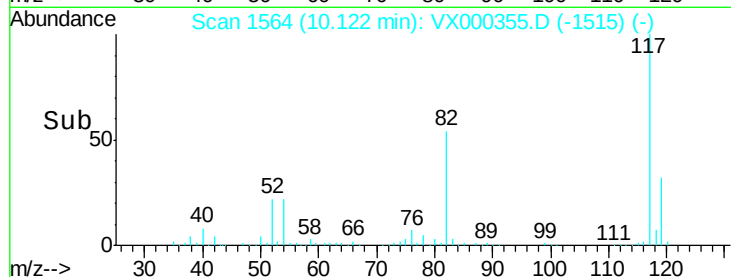
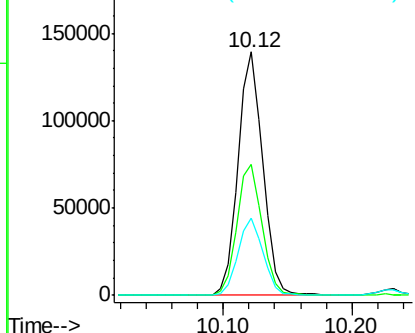
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 185304
Ion Ratio Lower Upper
117 100
82 53.6 43.8 65.8
119 31.9 24.9 37.3



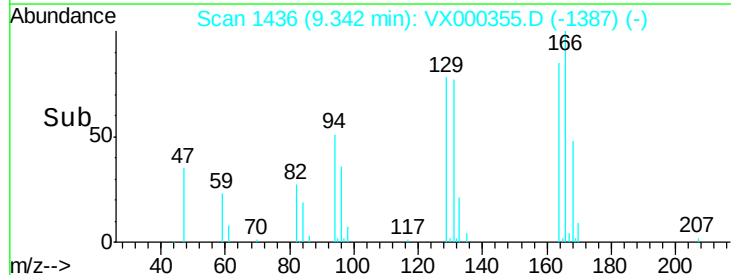
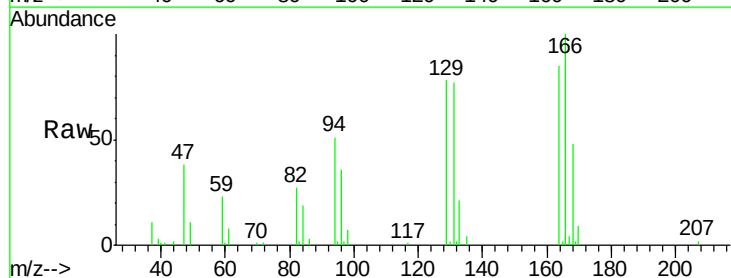
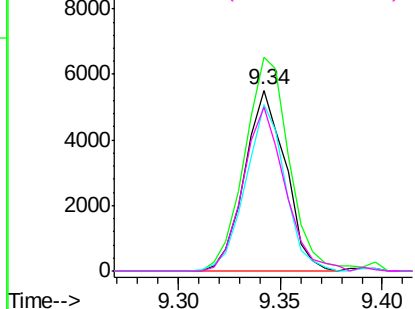
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

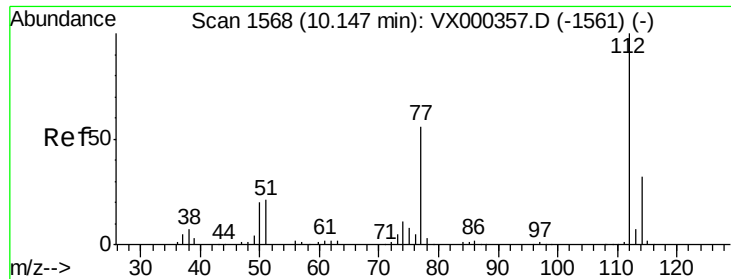


#64
Tetrachloroethene
Concen: 5.82 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion:164 Resp: 7699
Ion Ratio Lower Upper
164 100
166 118.0 101.0 151.6
129 92.2 79.0 118.4
131 90.4 71.9 107.9

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

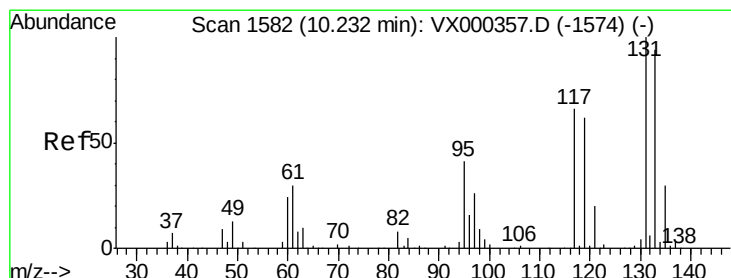
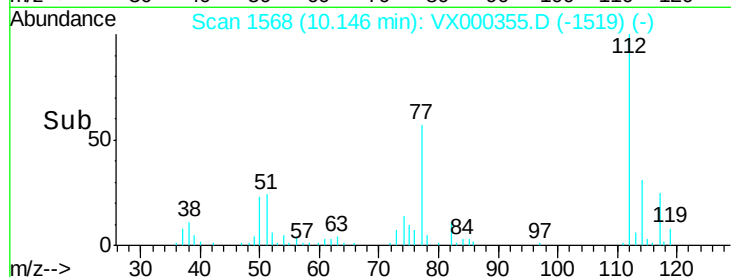
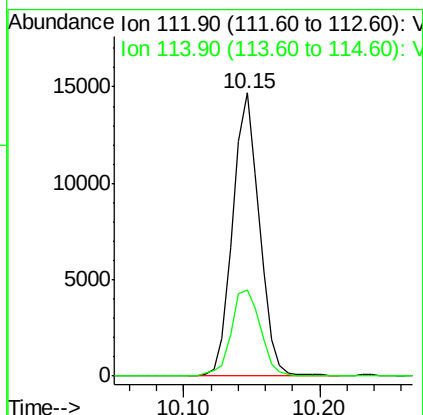
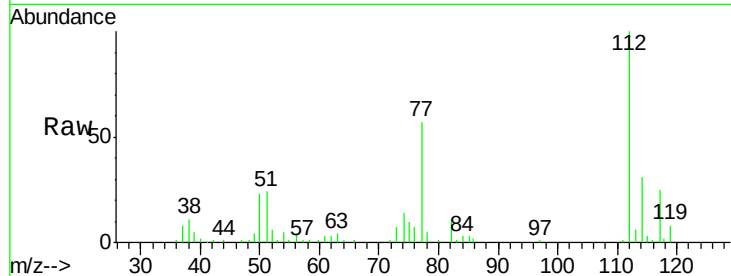




#65
Chlorobenzene
Concen: 5.30 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

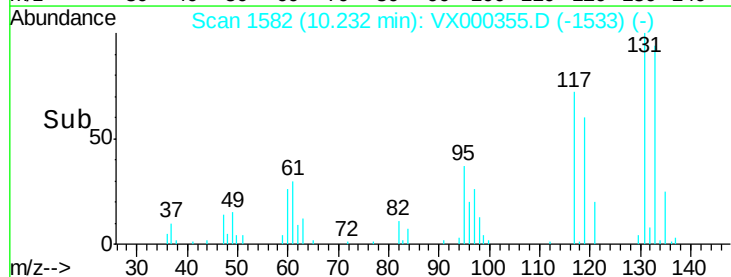
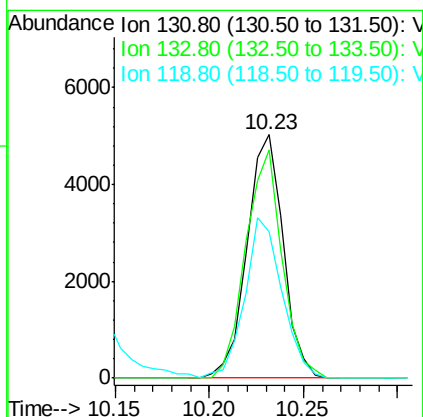
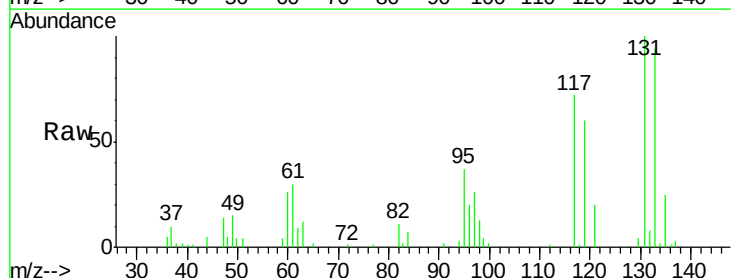
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

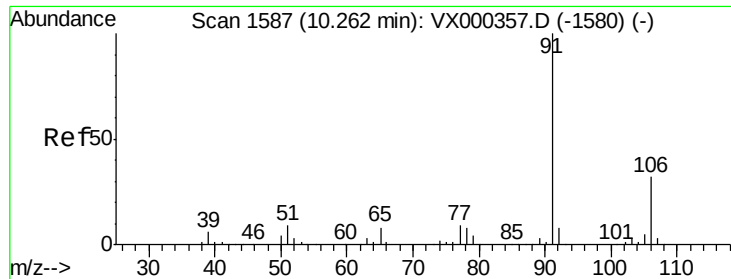
Tgt Ion:112 Resp: 20008
Ion Ratio Lower Upper
112 100
114 30.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 5.27 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion:131 Resp: 6689
Ion Ratio Lower Upper
131 100
133 94.3 47.1 141.3
119 67.6 33.1 99.2

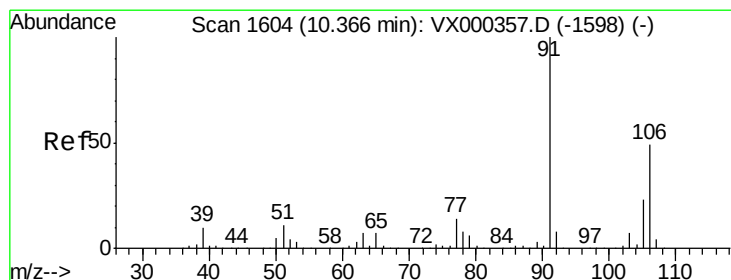
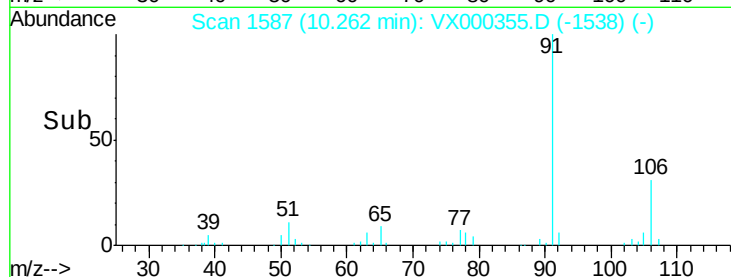
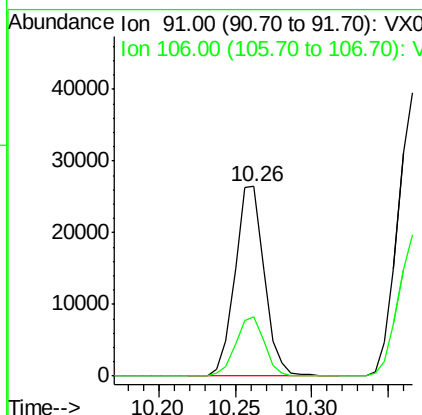
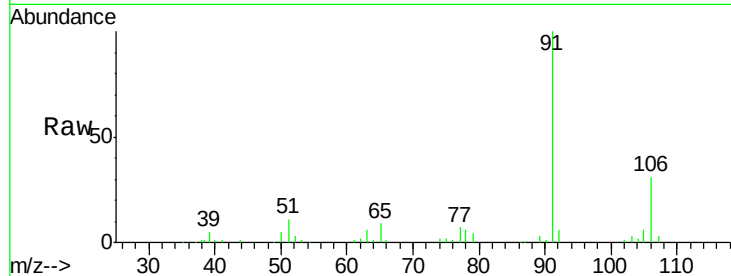




#67
 Ethyl Benzene
 Concen: 5.48 ug/l
 RT: 10.26 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

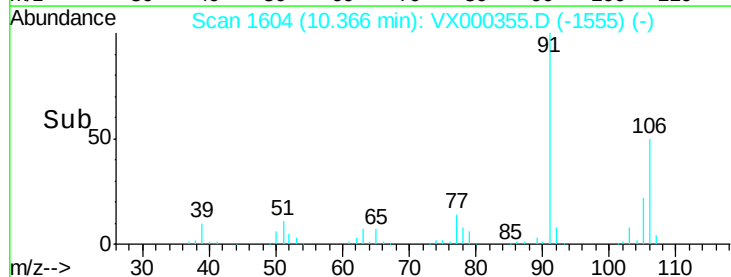
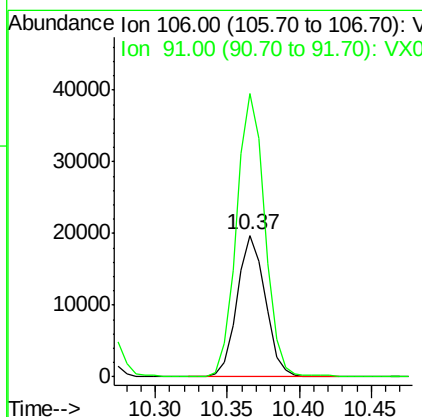
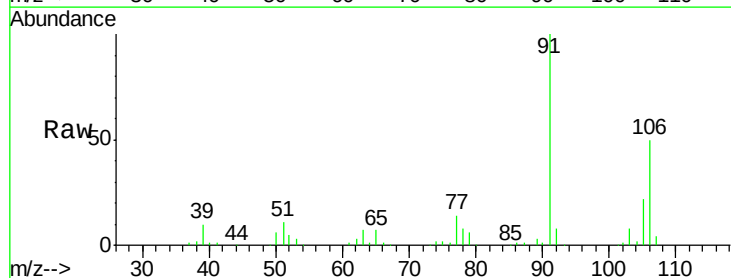
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

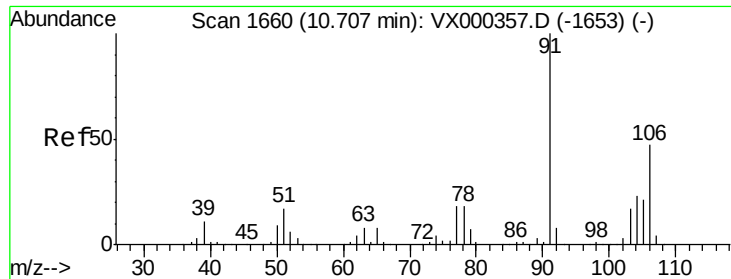
Tgt Ion: 91 Resp: 35243
 Ion Ratio Lower Upper
 91 100
 106 31.2 25.0 37.6



#68
 m/p-Xylenes
 Concen: 10.79 ug/l
 RT: 10.37 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Tgt Ion: 106 Resp: 27034
 Ion Ratio Lower Upper
 106 100
 91 199.7 163.4 245.2

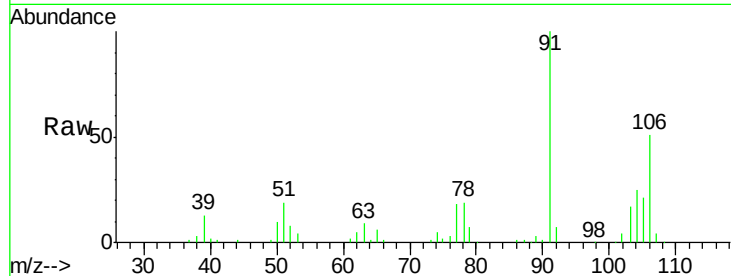




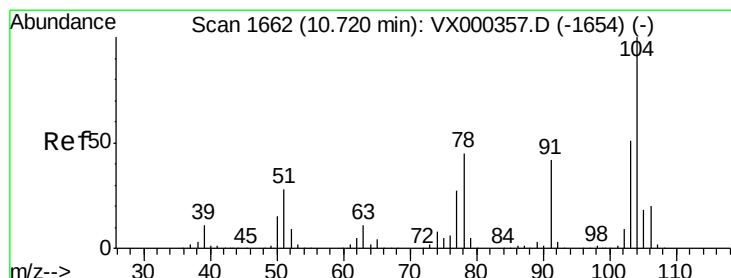
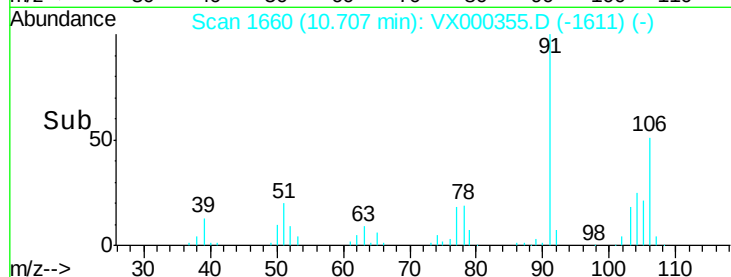
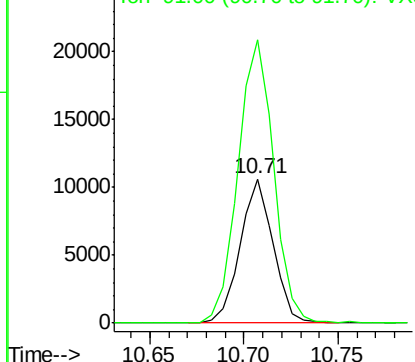
#69
o-Xylene
Concen: 5.28 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 12846
Ion Ratio Lower Upper
106 100
91 212.8 106.5 319.6

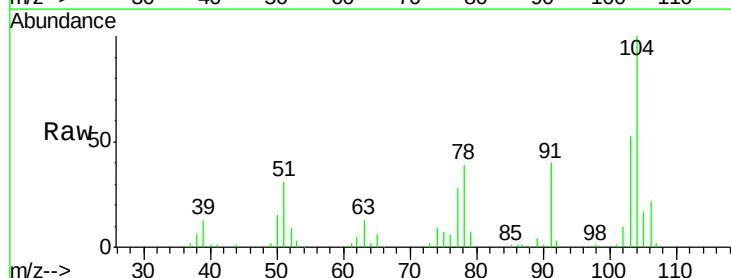


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

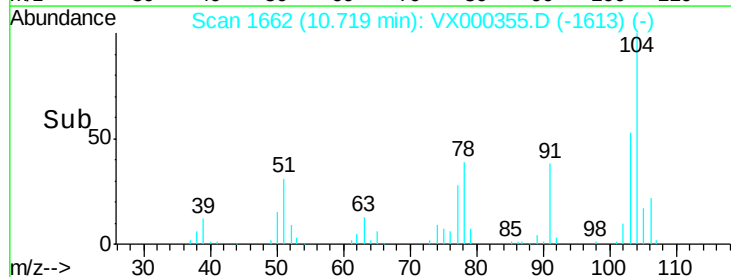
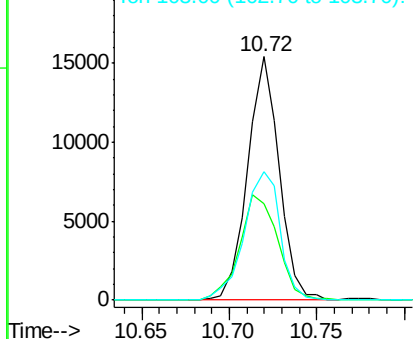


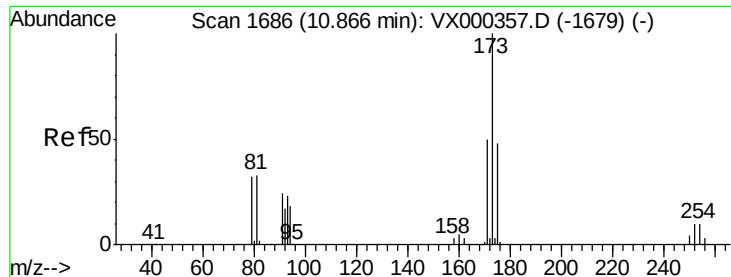
#70
Styrene
Concen: 4.80 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000355.D
Acq: 20 Mar 2018 10:42

Tgt Ion:104 Resp: 19392
Ion Ratio Lower Upper
104 100
78 52.0 40.5 60.7
103 60.7 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: 4.53 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

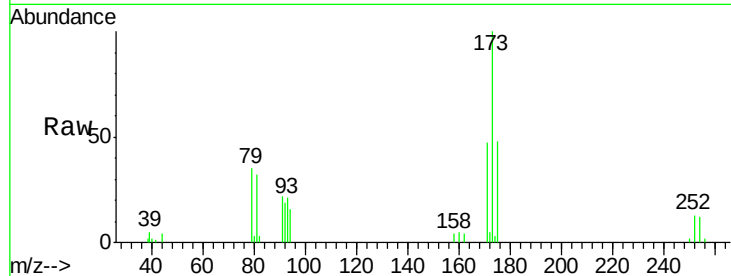
Tgt Ion:173 Resp: 5031

Ion Ratio Lower Upper

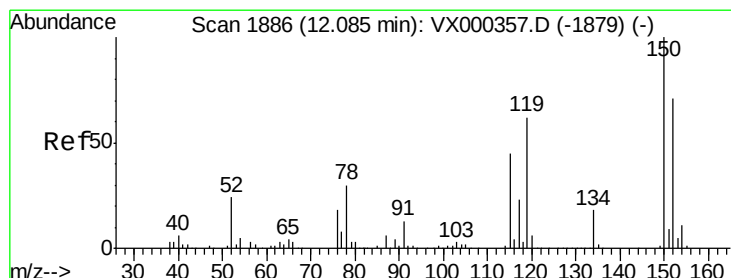
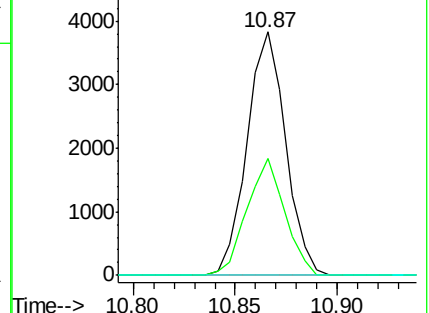
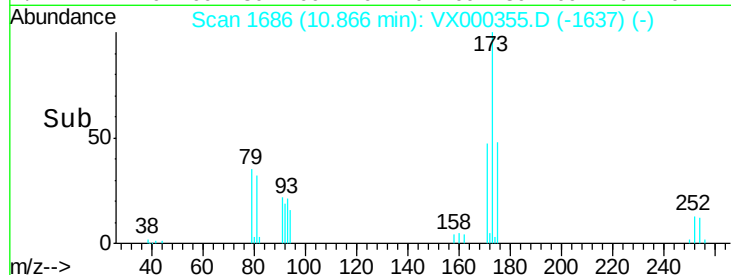
173 100

175 46.9 25.4 76.4

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

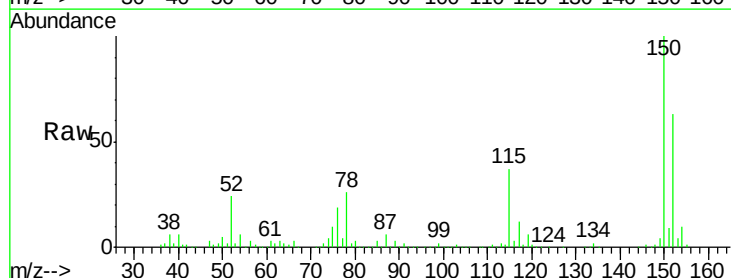
Tgt Ion:152 Resp: 97957

Ion Ratio Lower Upper

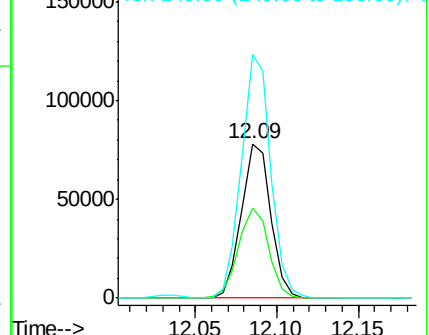
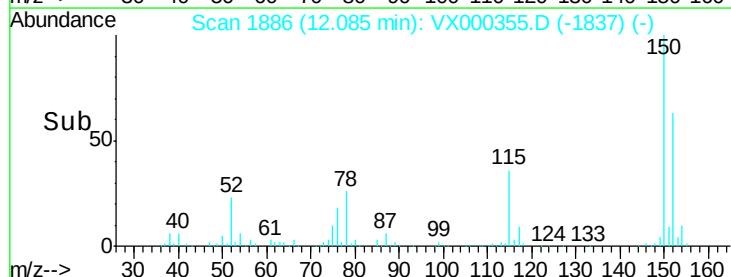
152 100

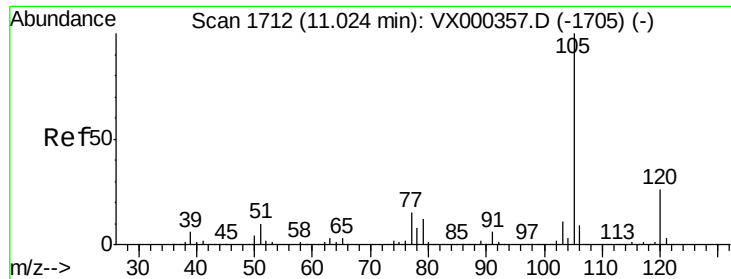
115 60.2 39.8 119.3

150 158.2 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.77 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

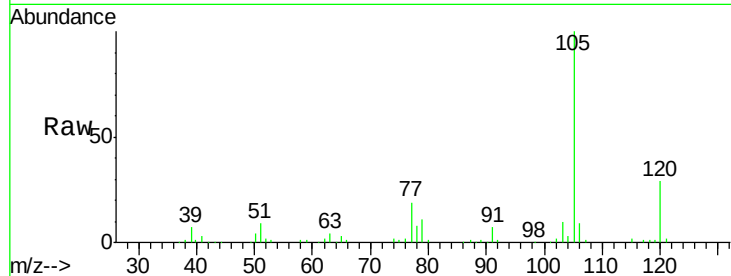
VSTDIC005

Tgt Ion:105 Resp: 34027

Ion Ratio Lower Upper

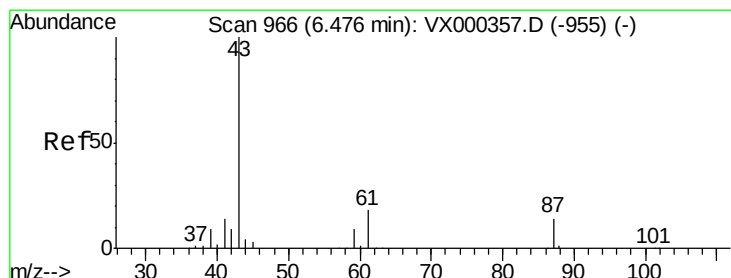
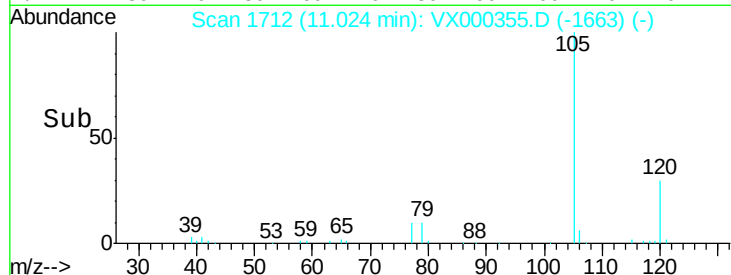
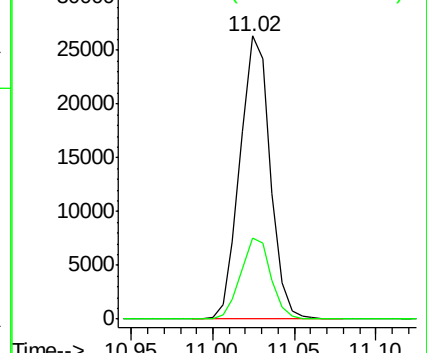
105 100

120 28.6 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 6.14 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Tgt Ion: 43 Resp: 17339

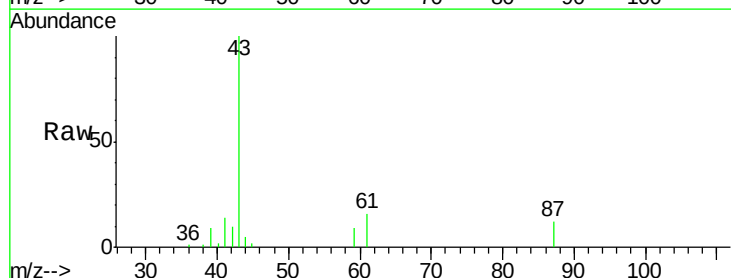
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.3 14.4 21.6

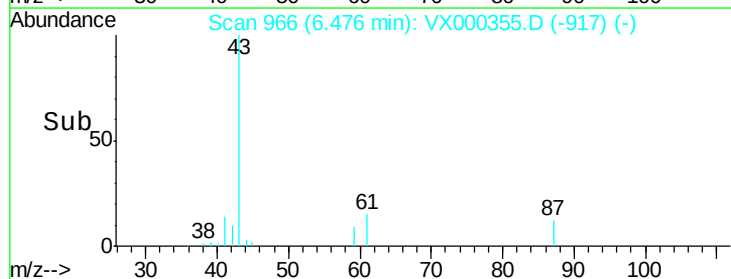
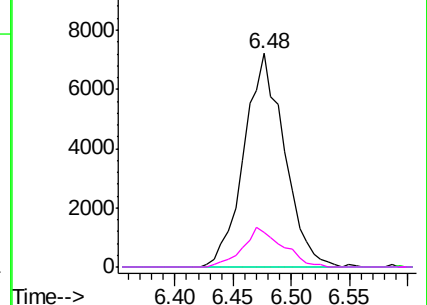


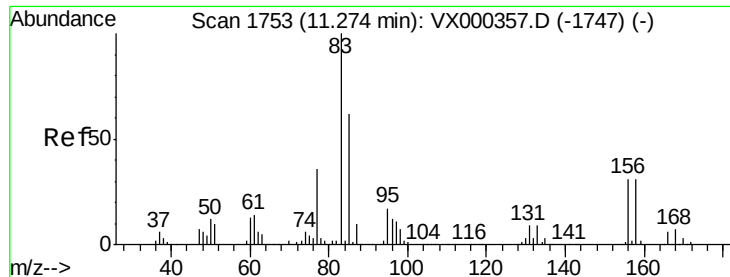
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.75 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

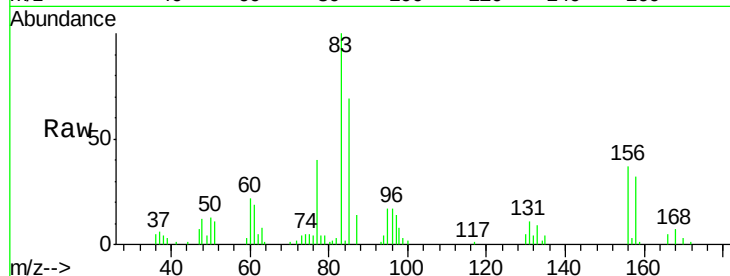
Tgt Ion: 83 Resp: 12078

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

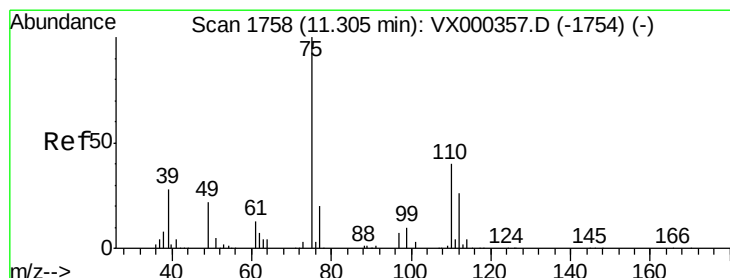
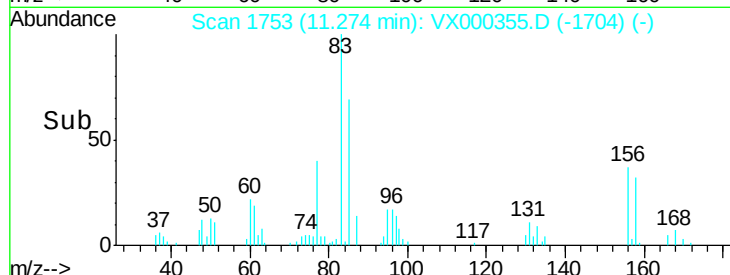
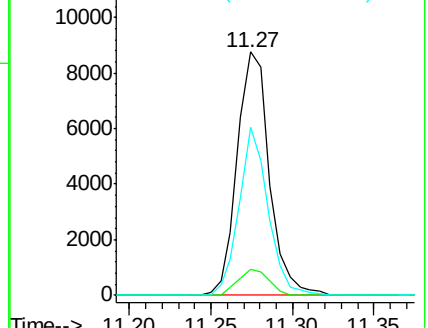
85 62.1 32.5 97.5



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: 6.80 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000355.D

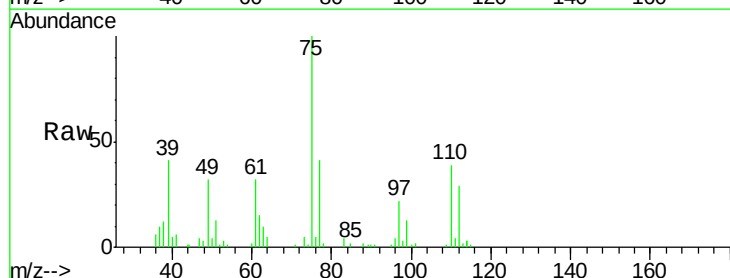
Acq: 20 Mar 2018 10:42

Tgt Ion: 75 Resp: 13414

Ion Ratio Lower Upper

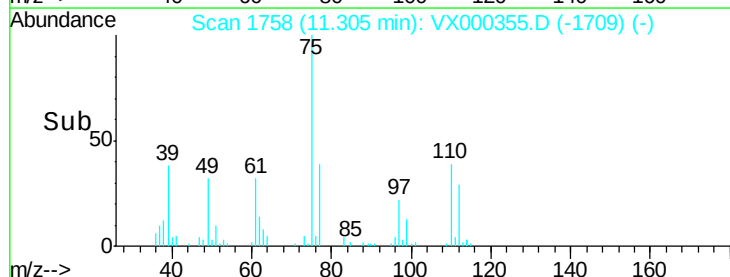
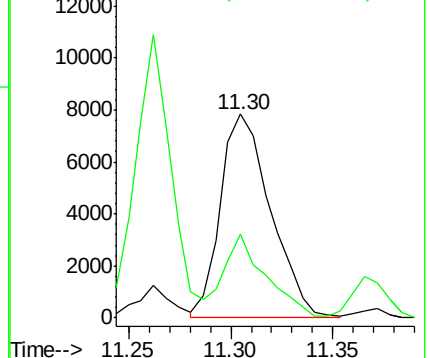
75 100

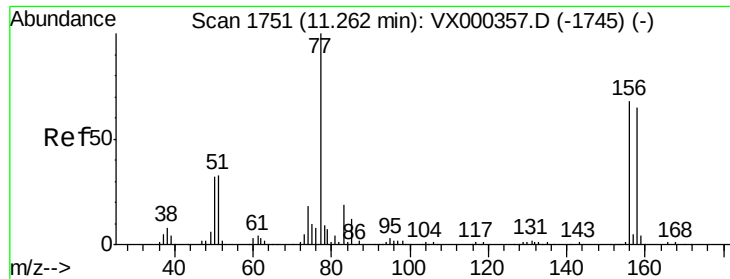
77 34.3 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.95 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

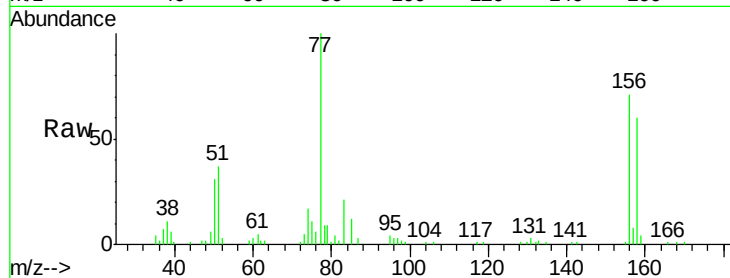
Tgt Ion:156 Resp: 9213

Ion Ratio Lower Upper

156 100

77 143.7 73.4 220.2

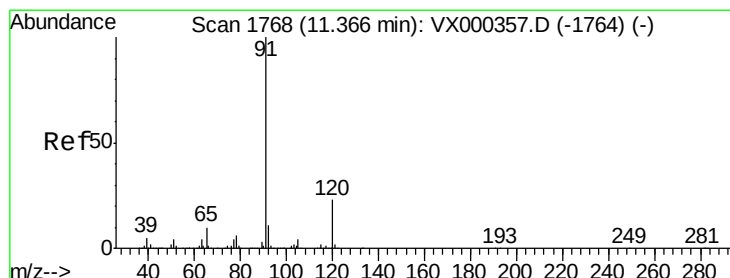
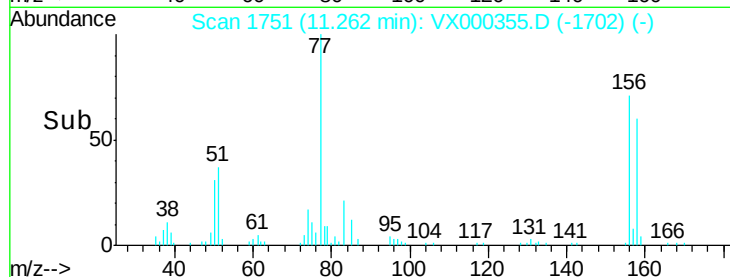
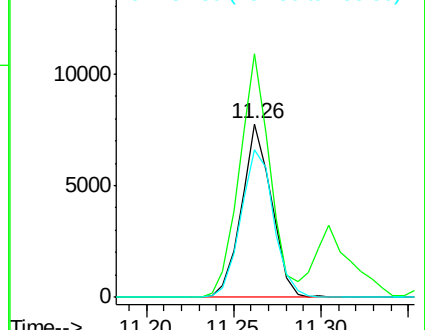
158 93.6 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.67 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000355.D

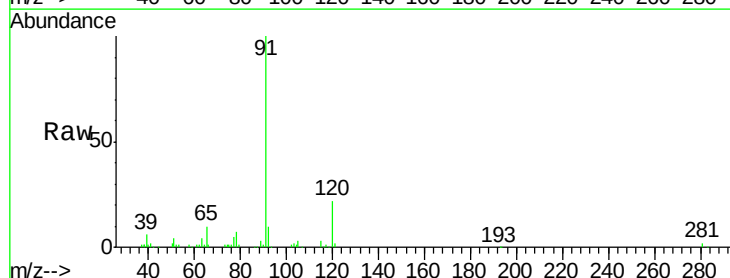
Acq: 20 Mar 2018 10:42

Tgt Ion: 91 Resp: 40336

Ion Ratio Lower Upper

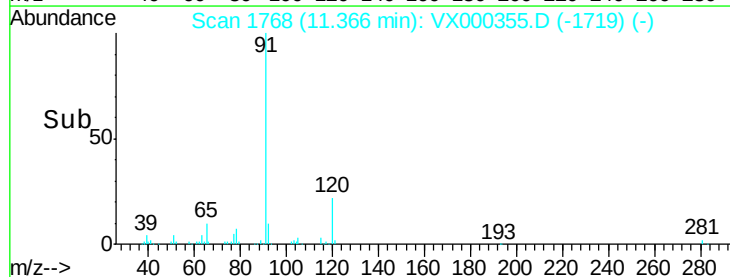
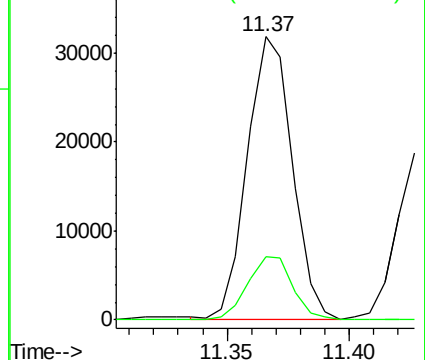
91 100

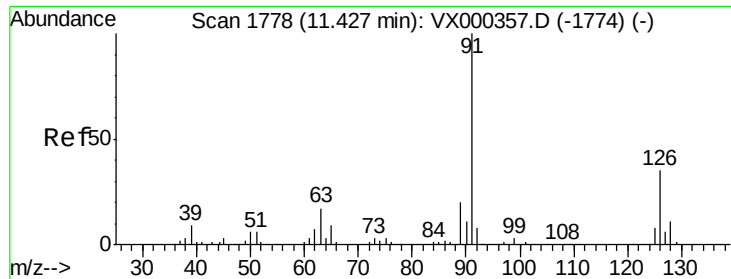
120 22.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

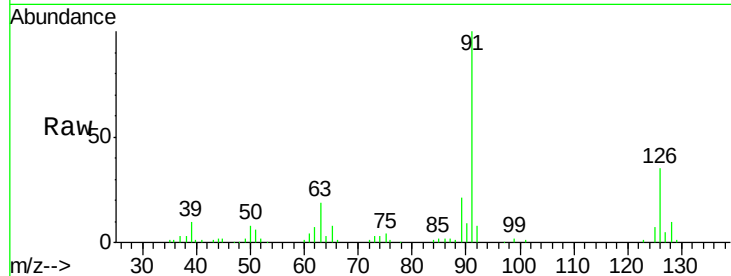




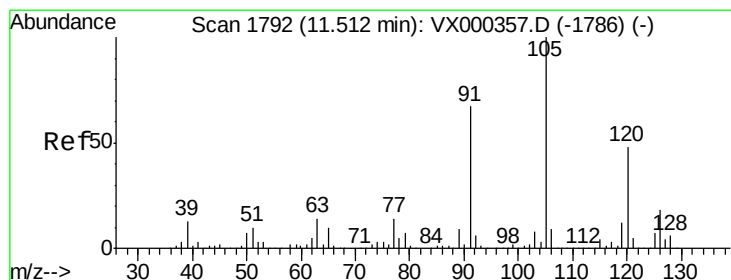
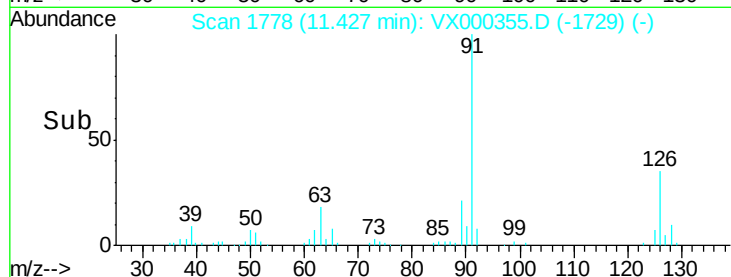
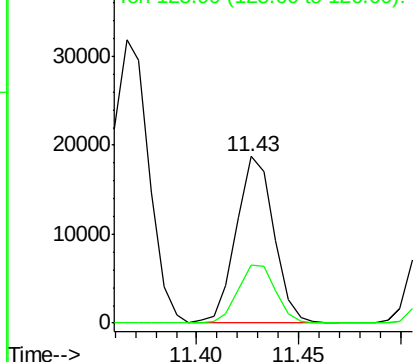
#79
 2-Chlorotoluene
 Concen: 5.96 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 91 Resp: 24058
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.7 53.1

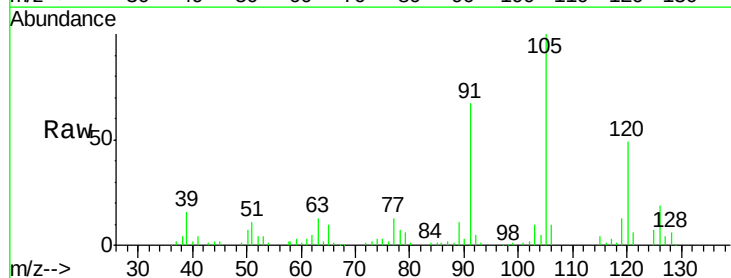


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

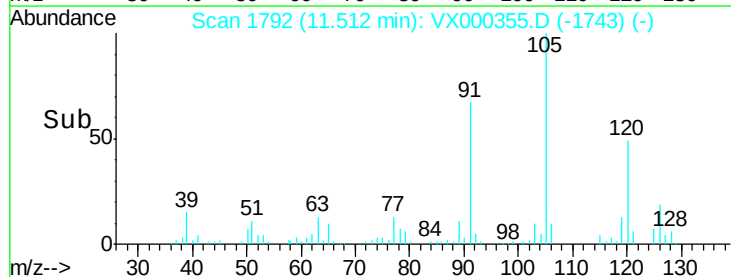
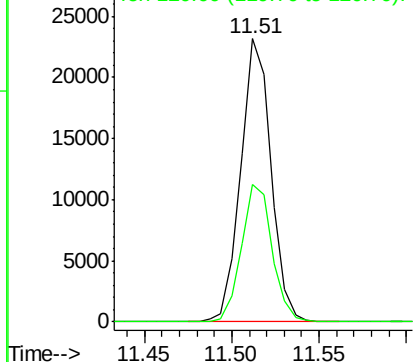


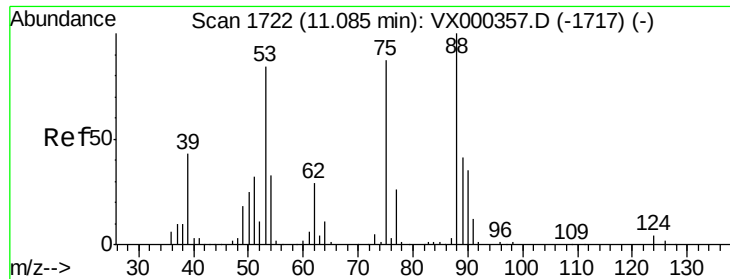
#80
 1,3,5-Trimethylbenzene
 Concen: 5.53 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Tgt Ion: 105 Resp: 27801
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

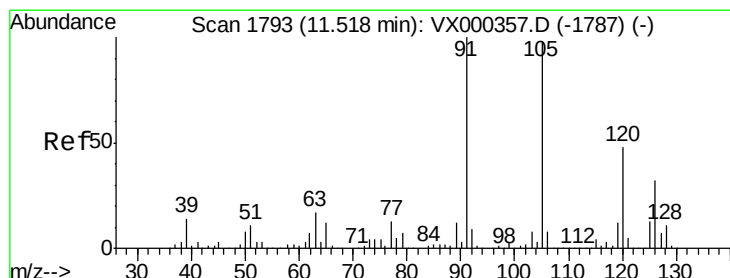
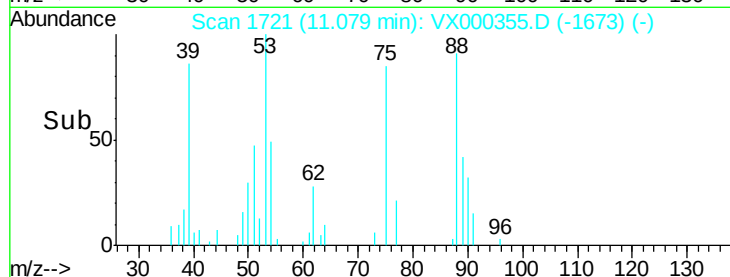
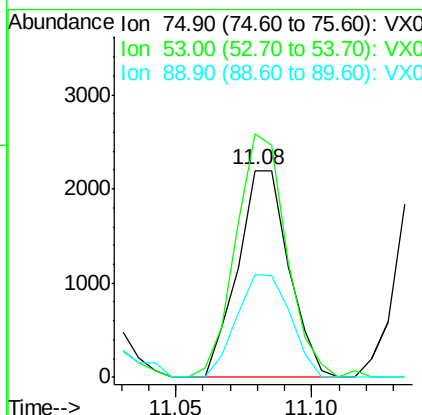
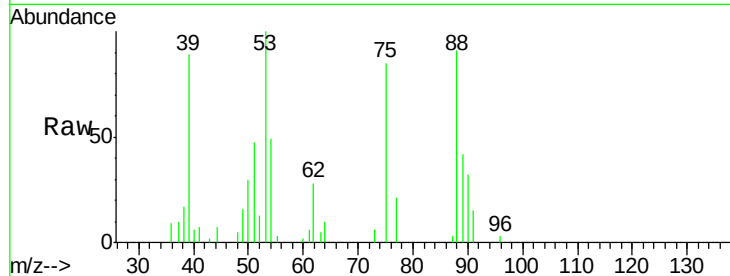




#81
 trans-1,4-Dichloro-2-butene
 Concen: 4.93 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

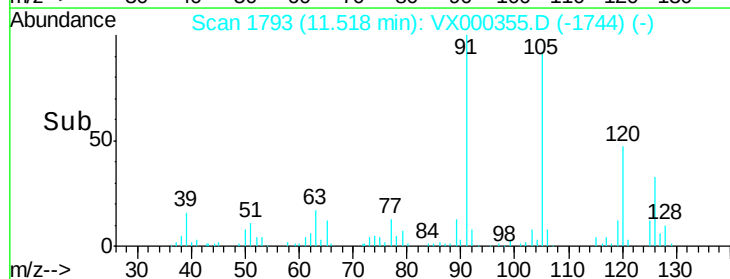
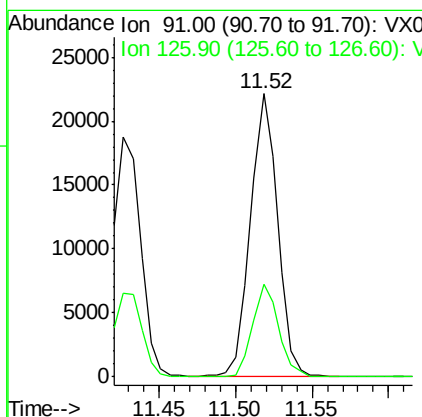
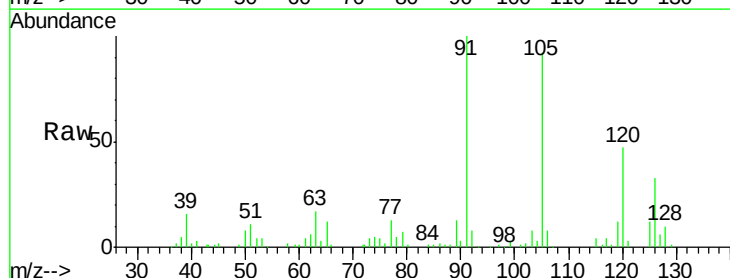
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

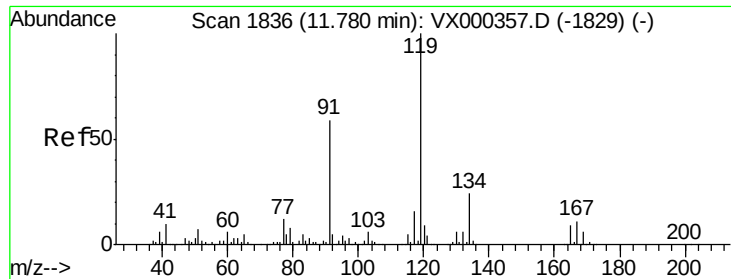
Tgt Ion: 75 Resp: 2856
 Ion Ratio Lower Upper
 75 100
 53 117.6 80.7 121.1
 89 52.1 39.4 59.0



#82
 4-Chlorotoluene
 Concen: 5.54 ug/l
 RT: 11.52 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Tgt Ion: 91 Resp: 27501
 Ion Ratio Lower Upper
 91 100
 126 31.4 15.4 46.1

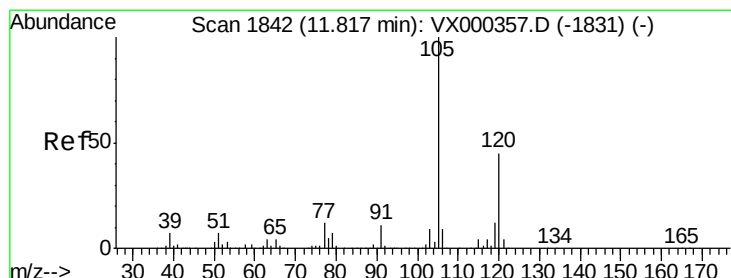
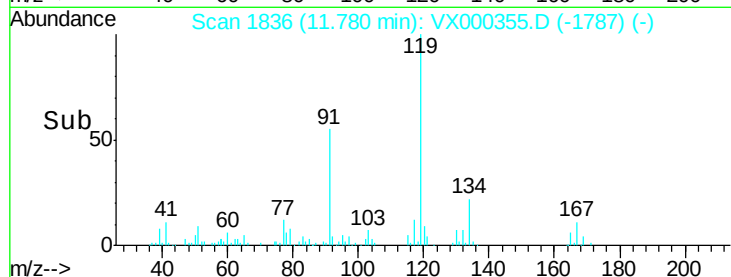
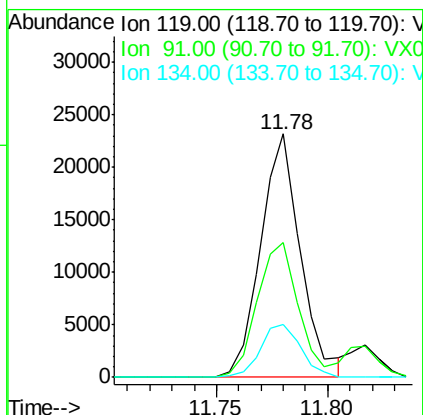
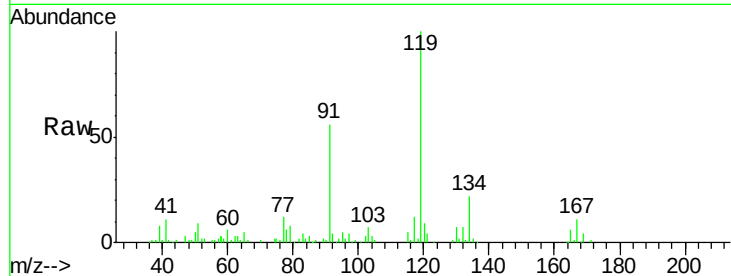




#83
 tert-Butylbenzene
 Concen: 5.87 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

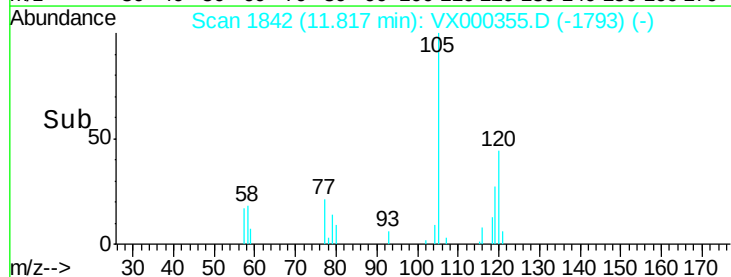
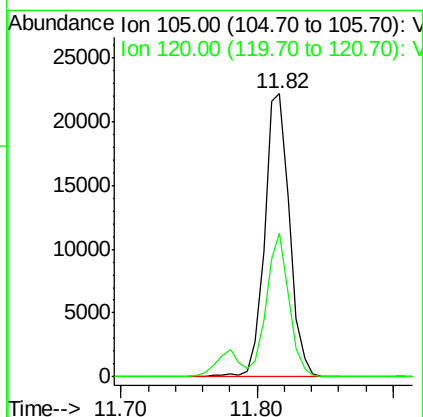
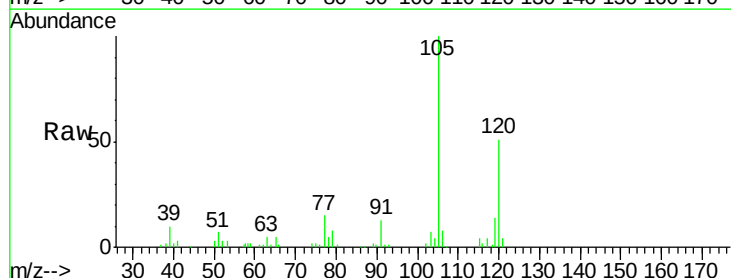
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

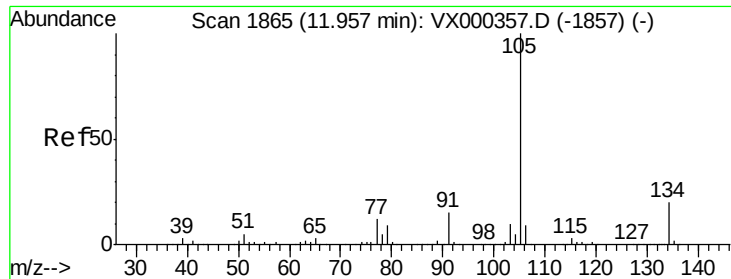
Tgt Ion:119 Resp: 28793
 Ion Ratio Lower Upper
 119 100
 91 57.3 28.8 86.4
 134 22.0 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 5.50 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Tgt Ion:105 Resp: 28413
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.4 67.3

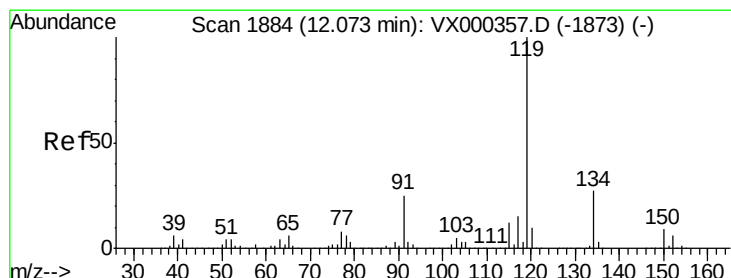
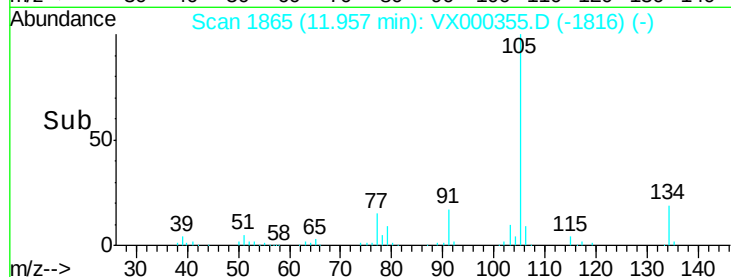
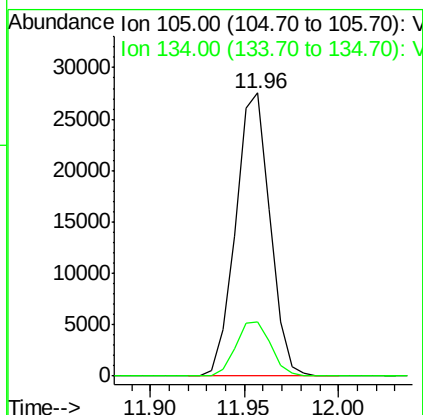
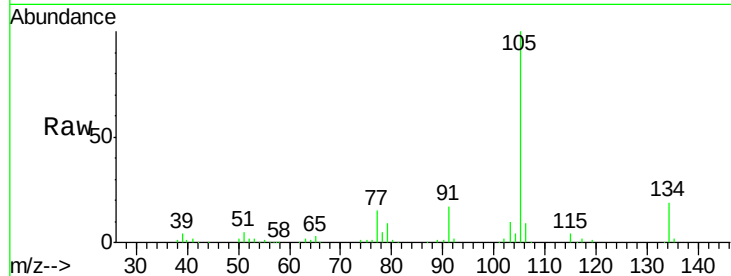




#85
 sec-Butylbenzene
 Concen: 5.67 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

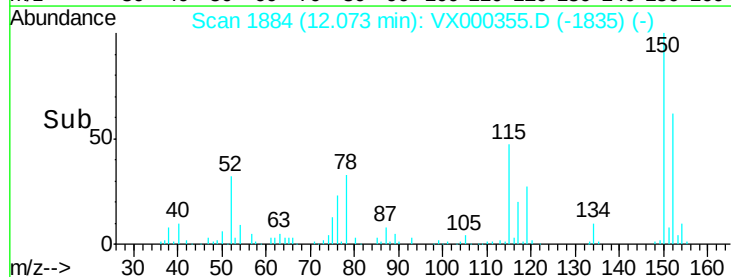
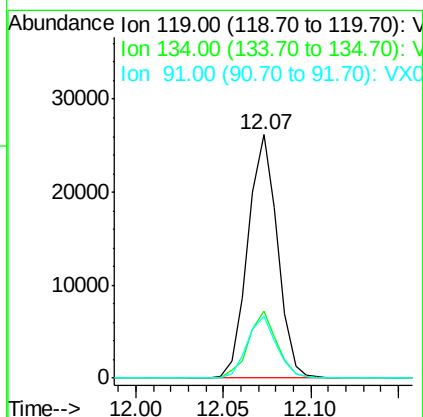
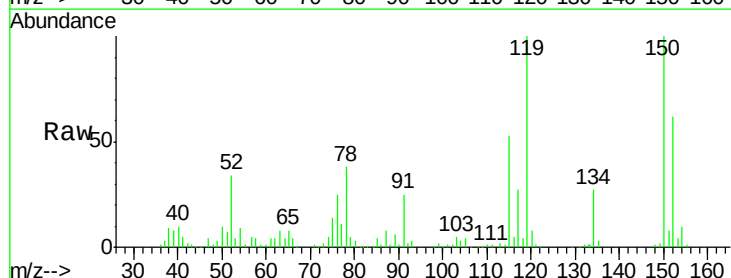
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

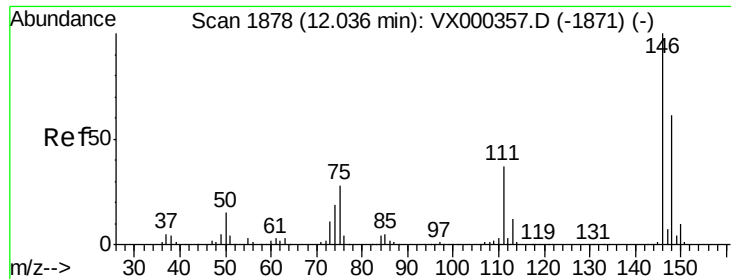
Tgt Ion:105 Resp: 34788
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 5.63 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Tgt Ion:119 Resp: 30730
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 25.9 12.0 36.1

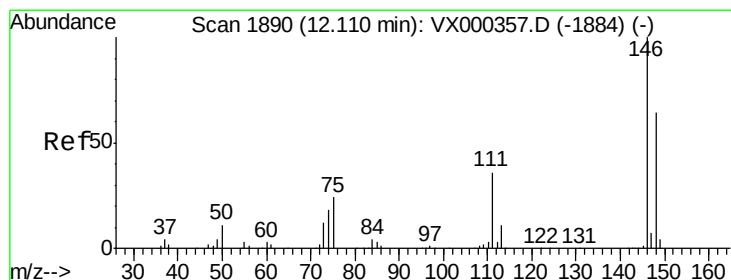
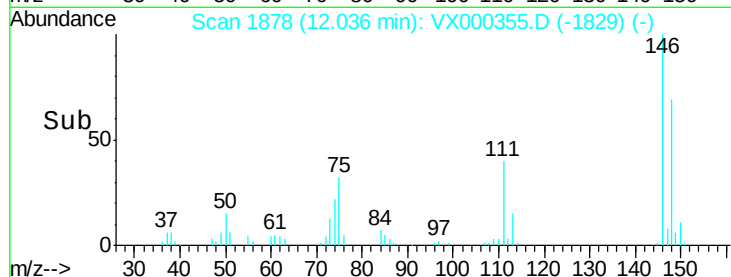
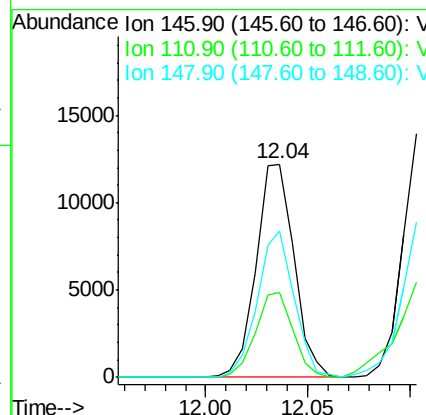
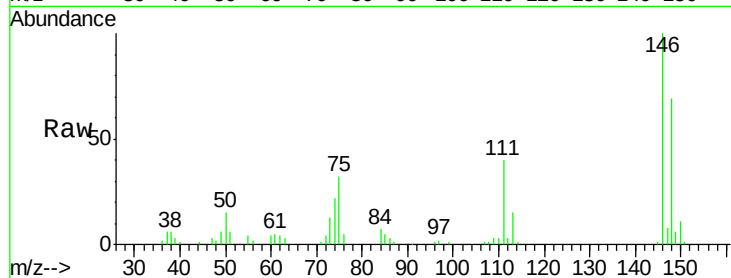




#87
 1,3-Dichlorobenzene
 Concen: 5.21 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

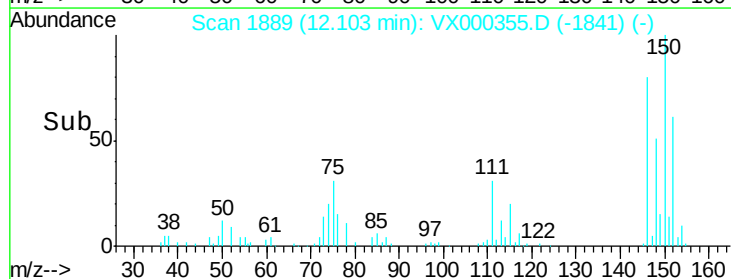
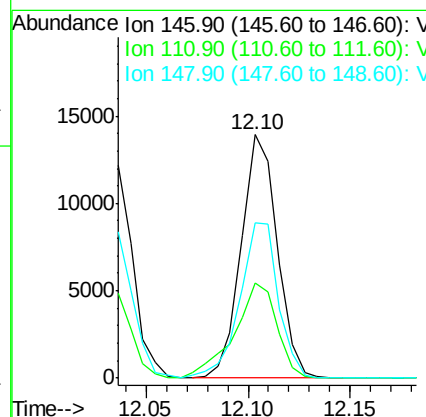
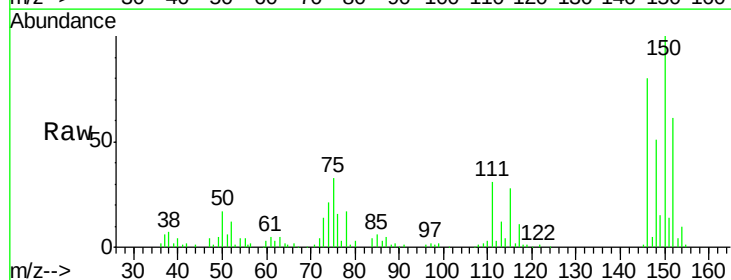
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

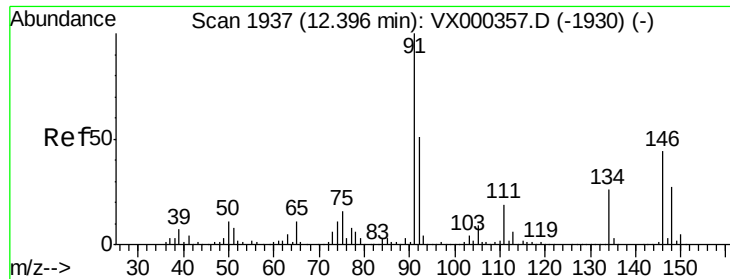
Tgt Ion:146 Resp: 15837
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.5 58.5
 148 66.1 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 5.41 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Tgt Ion:146 Resp: 17090
 Ion Ratio Lower Upper
 146 100
 111 46.2 18.9 56.9
 148 67.9 31.0 93.0





#89

n-Butylbenzene

Concen: 5.11 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

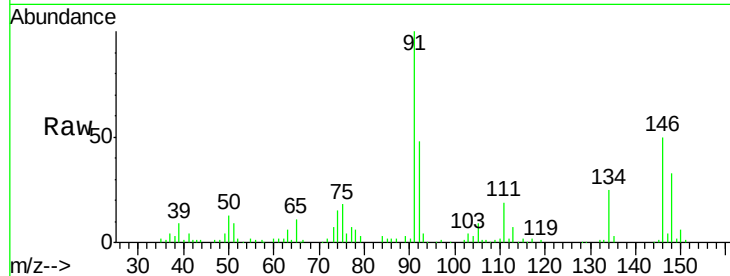
Tgt Ion: 91 Resp: 27141

Ion Ratio Lower Upper

91 100

92 50.4 25.9 77.8

134 25.6 13.1 39.3

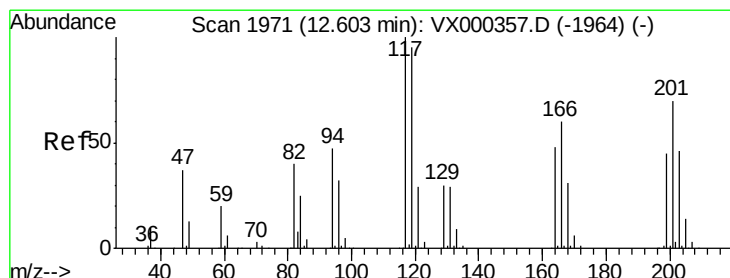
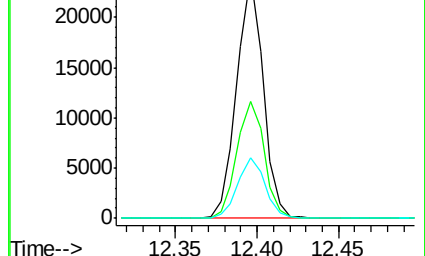
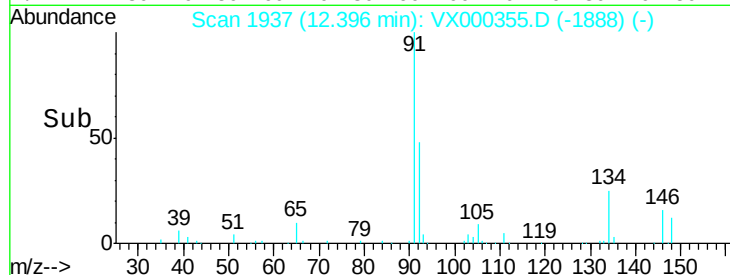


Abundance Ion 91.00 (90.70 to 91.70): VX000355.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX000355.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX000355.D (-1930) (-)

Time-->



#90

Hexachloroethane

Concen: 4.96 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000355.D

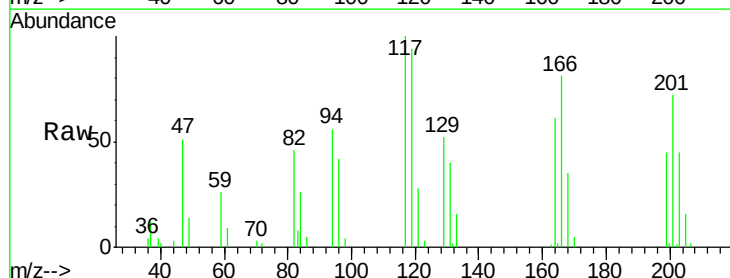
Acq: 20 Mar 2018 10:42

Tgt Ion: 117 Resp: 4348

Ion Ratio Lower Upper

117 100

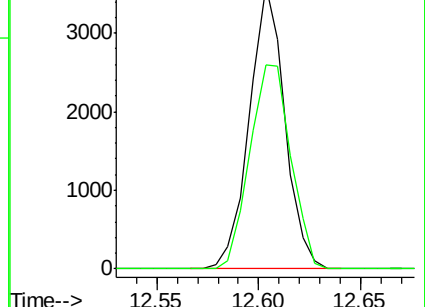
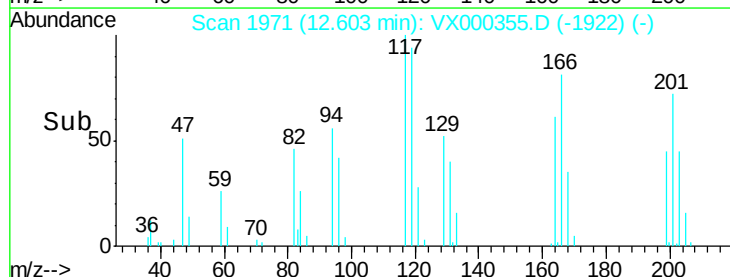
201 83.4 37.9 113.6

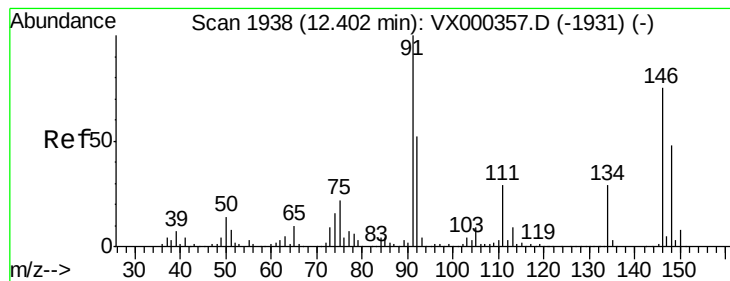


Abundance Ion 116.80 (116.50 to 117.50): VX000355.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX000355.D (-1964) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 5.53 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

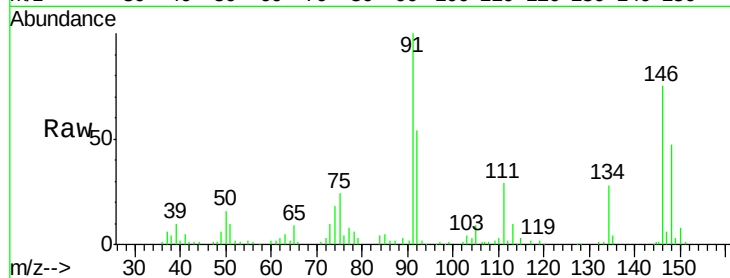
Tgt Ion:146 Resp: 16280

Ion Ratio Lower Upper

146 100

111 38.2 20.1 60.2

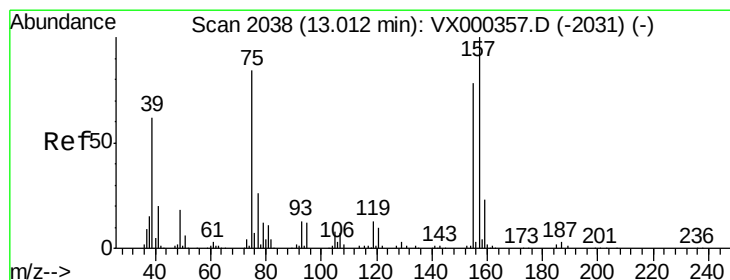
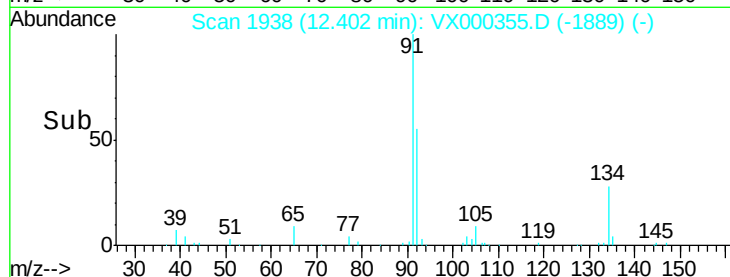
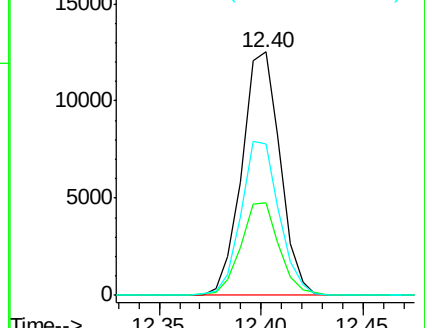
148 63.2 31.2 93.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.56 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.01 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

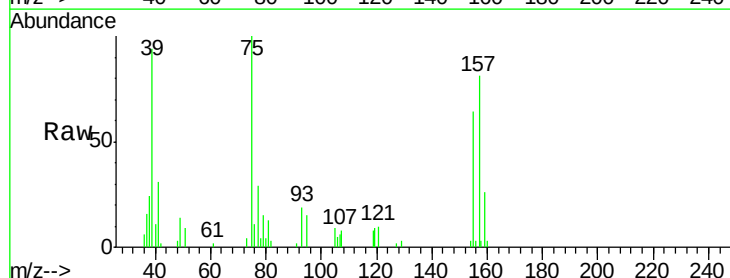
Tgt Ion: 75 Resp: 3159

Ion Ratio Lower Upper

75 100

155 78.6 45.0 134.8

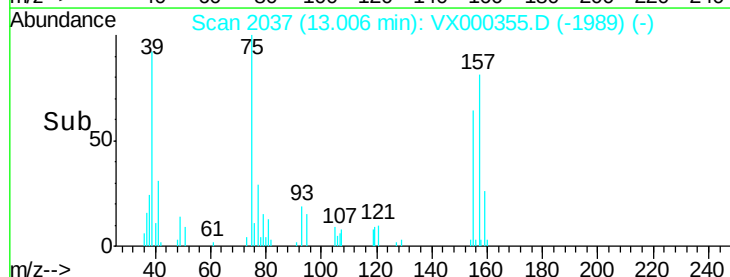
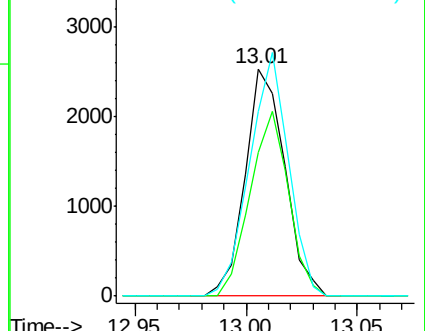
157 104.5 58.1 174.2

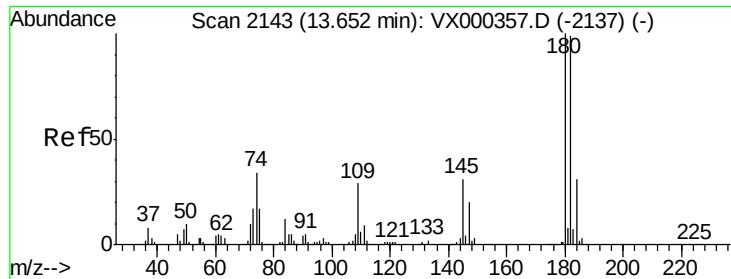


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

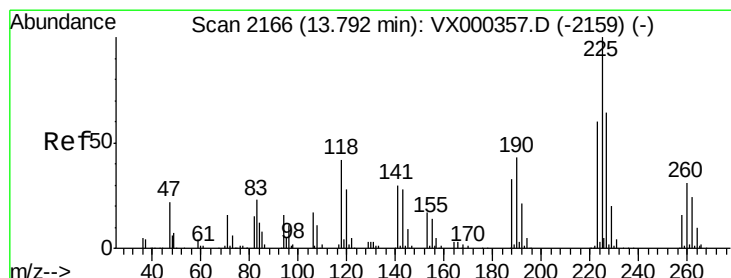
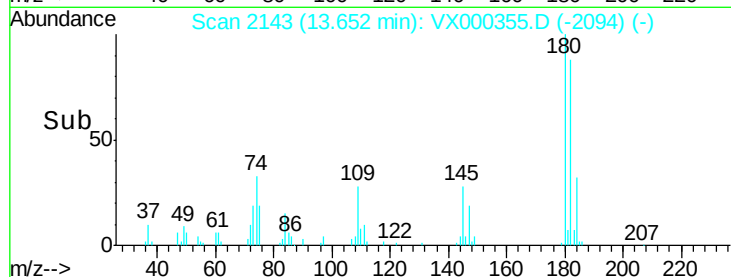
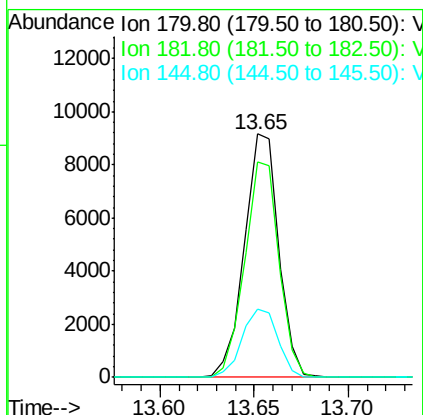
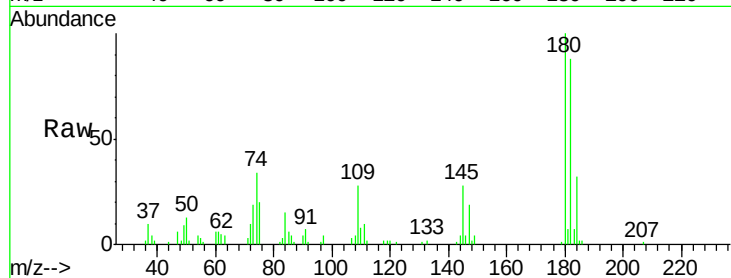




#93
 1,2,4-Trichlorobenzene
 Concen: 5.46 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

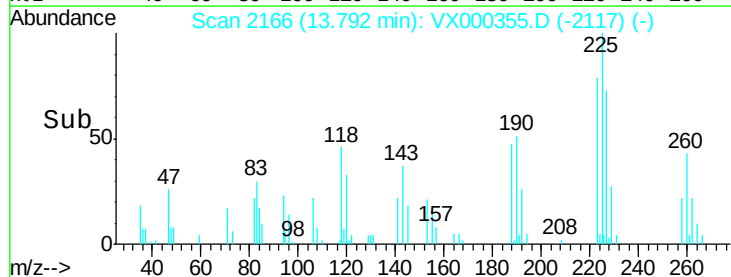
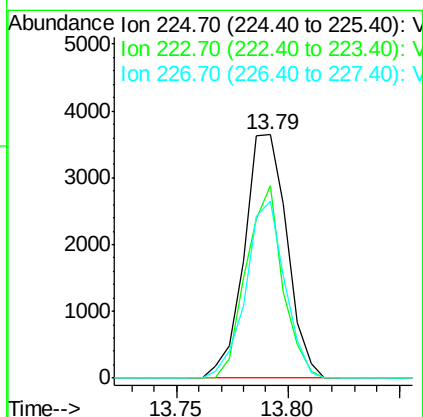
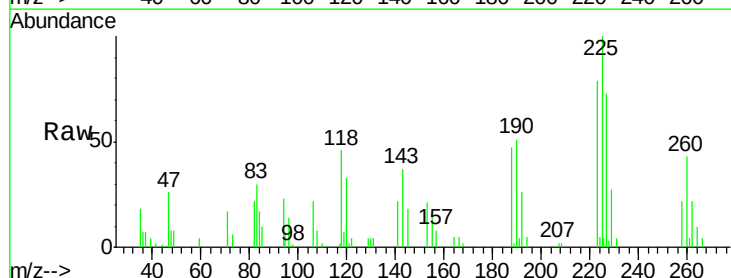
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

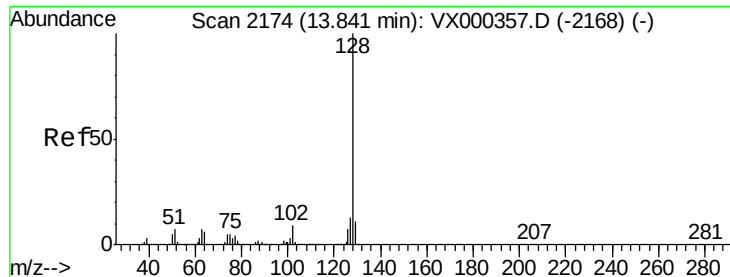
Tgt Ion:180 Resp: 11573
 Ion Ratio Lower Upper
 180 100
 182 88.2 47.6 142.9
 145 29.1 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 5.84 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000355.D
 Acq: 20 Mar 2018 10:42

Tgt Ion:225 Resp: 4884
 Ion Ratio Lower Upper
 225 100
 223 67.2 32.0 96.0
 227 66.1 32.6 98.0





#95

Naphthalene

Concen: 5.30 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

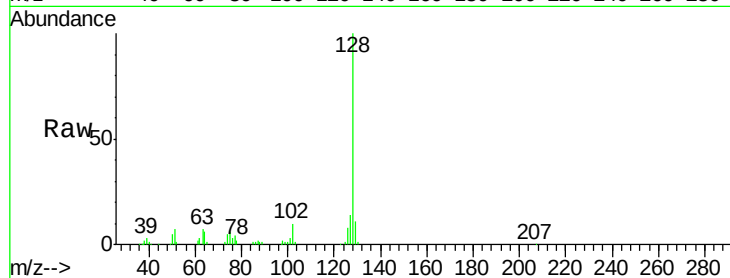
Tgt Ion:128 Resp: 38985

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

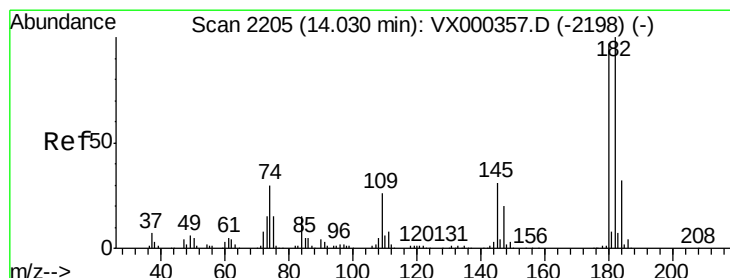
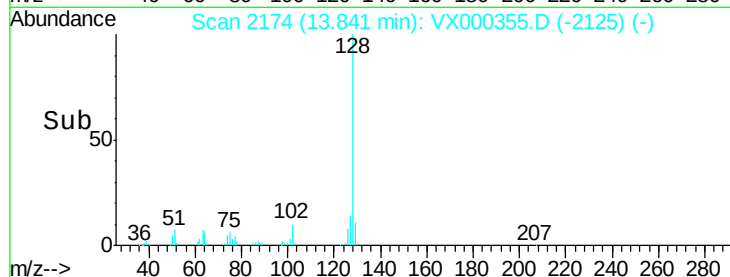
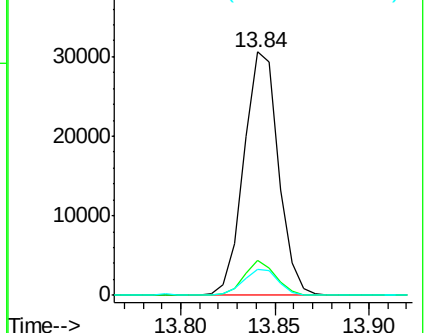
129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 5.48 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000355.D

Acq: 20 Mar 2018 10:42

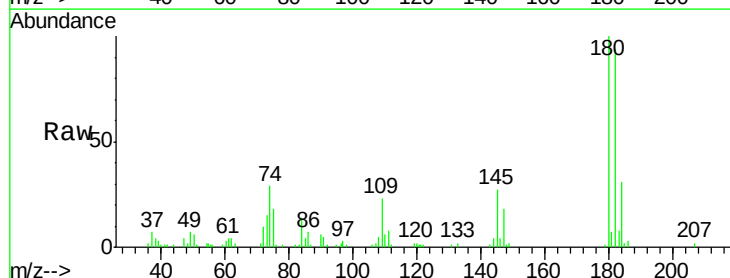
Tgt Ion:180 Resp: 11748

Ion Ratio Lower Upper

180 100

182 95.3 47.4 142.3

145 30.4 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

