

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040418\
 Data File : VX000665.D
 Acq On : 04 Apr 2018 18:44
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040418

Quant Time: Apr 05 05:20:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 05 03:34:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	113646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	205645	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	221447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	132947	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	98040	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
35) Dibromofluoromethane	5.51	113	70328	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	8.73	98	299791	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	11.15	95	124490	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	87219	57.27	ug/l	98
3) Chloromethane	1.32	50	78937	60.56	ug/l	95
4) Vinyl Chloride	1.40	62	93641	54.80	ug/l	97
5) Bromomethane	1.64	94	82022	49.30	ug/l	97
6) Chloroethane	1.72	64	59279	47.14	ug/l	99
7) Trichlorofluoromethane	1.93	101	155736	51.41	ug/l	99
8) Diethyl Ether	2.19	74	57339	51.03	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	84740	51.79	ug/l	95
10) Methyl Iodide	2.51	142	56811	47.36	ug/l	97
11) Tert butyl alcohol	3.09	59	194905	260.30	ug/l	100
12) 1,1-Dichloroethene	2.37	96	79465	51.51	ug/l	87
13) Acrolein	2.30	56	117312	264.29	ug/l	99
14) Allyl chloride	2.73	41	146446	47.33	ug/l	98
15) Acrylonitrile	3.16	53	351285	254.38	ug/l	99
16) Acetone	2.45	43	364303	229.33	ug/l	99
17) Carbon Disulfide	2.57	76	179214	49.42	ug/l	96
18) Methyl Acetate	2.78	43	178736	50.46	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	298757	53.57	ug/l	99
20) Methylene Chloride	2.86	84	90057	49.71	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	84627	50.60	ug/l	84
22) Diisopropyl ether	3.88	45	201265	45.71	ug/l	98
23) Vinyl Acetate	3.84	43	941327	221.11	ug/l	100
24) 1,1-Dichloroethane	3.70	63	152095	51.97	ug/l	99
25) 2-Butanone	4.72	43	401987	249.64	ug/l	98
26) 2,2-Dichloropropane	4.59	77	81945	51.14	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	63835	50.40	ug/l	99
28) Bromochloromethane	5.03	49	53718	48.99	ug/l	97
29) Tetrahydrofuran	5.18	42	264894	255.67	ug/l	99
30) Chloroform	5.23	83	129681	52.27	ug/l	97
31) Cyclohexane	5.59	56	93533	49.08	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	110864	54.29	ug/l	98
36) 1,1-Dichloropropene	5.81	75	88421	46.35	ug/l	98
37) Ethyl Acetate	4.88	43	137082	47.22	ug/l	99
38) Carbon Tetrachloride	5.79	117	91707	49.94	ug/l	95

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	98854	44.82	ug/l	96
40) Benzene	6.15	78	268405	49.26	ug/l	98
41) Methacrylonitrile	5.07	41	72566	45.63	ug/l	96
42) 1,2-Dichloroethane	6.21	62	112455	49.36	ug/l	99
43) Isopropyl Acetate	6.48	43	211103	50.16	ug/l	99
44) Trichloroethene	7.22	130	69821	46.39	ug/l	98
45) 1,2-Dichloropropane	7.53	63	70026	47.67	ug/l	100
46) Dibromomethane	7.67	93	52800	48.99	ug/l	98
47) Bromodichloromethane	7.91	83	103383	50.43	ug/l	98
48) Methyl methacrylate	7.79	41	104698	48.53	ug/l	98
49) 1,4-Dioxane	7.77	88	46308	1012.78	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	861051	251.52	ug/l	99
52) Toluene	8.79	92	189814	49.31	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	117240	52.91	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	121241	46.55	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	80365	50.08	ug/l	97
56) Ethyl methacrylate	9.19	69	129315	44.95	ug/l	98
57) 1,3-Dichloropropane	9.38	76	132812	50.53	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	316212	255.34	ug/l	99
59) 2-Hexanone	9.51	43	748872	257.23	ug/l	97
60) Dibromochloromethane	9.59	129	86312	44.11	ug/l	99
61) 1,2-Dibromoethane	9.68	107	90731	52.43	ug/l	95
64) Tetrachloroethene	9.34	164	66142	45.86	ug/l	94
65) Chlorobenzene	10.15	112	225196	49.94	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	78928	51.33	ug/l	95
67) Ethyl Benzene	10.26	91	396426	49.68	ug/l	96
68) m/p-Xylenes	10.37	106	317786	105.67	ug/l	98
69) o-Xylene	10.71	106	154107	52.05	ug/l	95
70) Styrene	10.72	104	266564	53.39	ug/l	98
71) Bromoform	10.87	173	68773	43.89	ug/l #	99
73) Isopropylbenzene	11.02	105	430057	53.50	ug/l	100
74) N-amyl acetate	6.48	43	211103	48.94	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	158253	51.74	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	187052	64.51	ug/l	86
77) Bromobenzene	11.26	156	103904	51.71	ug/l	97
78) n-propylbenzene	11.37	91	505935	51.62	ug/l	98
79) 2-Chlorotoluene	11.43	91	294287	52.86	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	364732	53.14	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	44845	55.46	ug/l	97
82) 4-Chlorotoluene	11.52	91	361632	51.91	ug/l	98
83) tert-Butylbenzene	11.78	119	364692	54.51	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	382422	53.27	ug/l	98
85) sec-Butylbenzene	11.96	105	451797	53.15	ug/l	100
86) p-Isopropyltoluene	12.07	119	401309	54.25	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	204912	52.34	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	216751	50.61	ug/l	99
89) n-Butylbenzene	12.40	91	373571	49.50	ug/l	99
90) Hexachloroethane	12.60	117	65027	51.74	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	208360	51.03	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	44574	51.06	ug/l	88

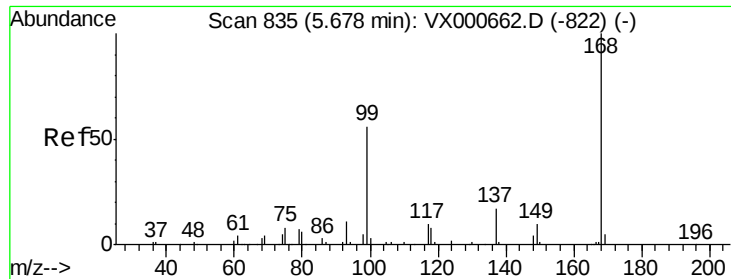
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Quant Title : SW846 8260
QLast Update : Thu Apr 05 03:34:50 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	138490	50.39	ug/l	98
94) Hexachlorobutadiene	13.79	225	50204	47.68	ug/l	97
95) Naphthalene	13.84	128	548790	54.85	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	139573	50.47	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: VX000665.D

Acq: 04 Apr 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

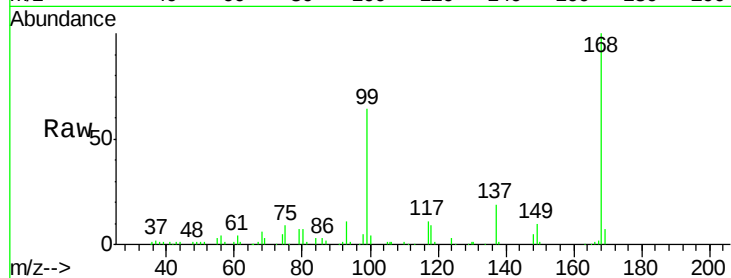
ICVVX040418

Tgt Ion:168 Resp: 113646

Ion Ratio Lower Upper

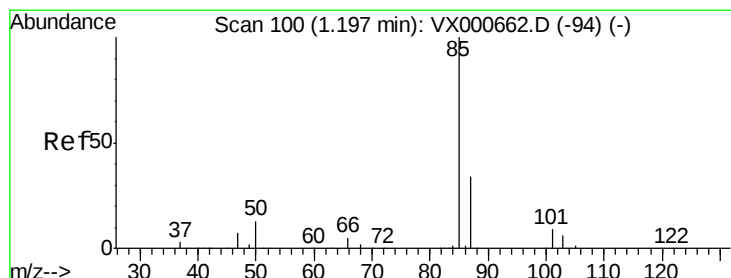
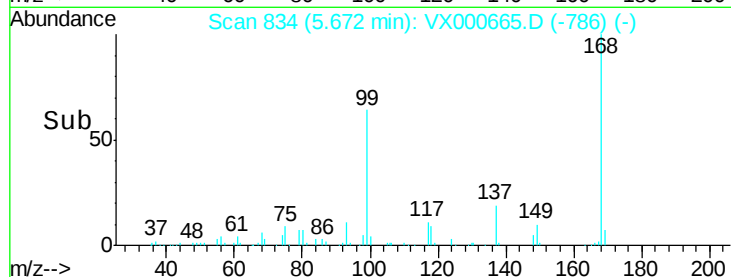
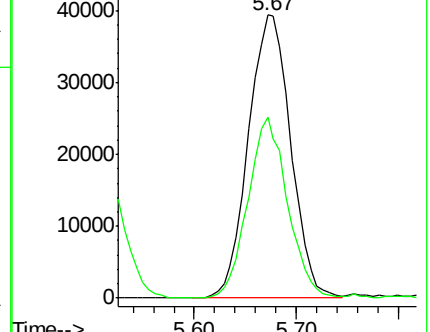
168 100

99 64.0 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 57.27 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000665.D

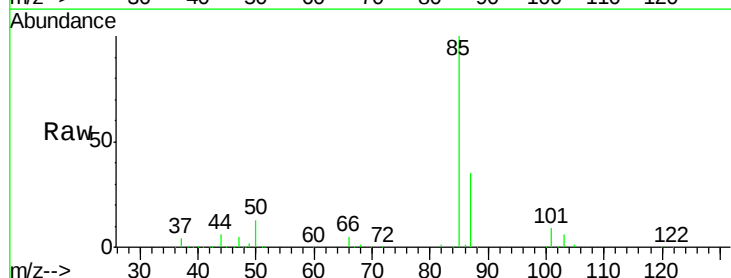
Acq: 04 Apr 2018 18:44

Tgt Ion: 85 Resp: 87219

Ion Ratio Lower Upper

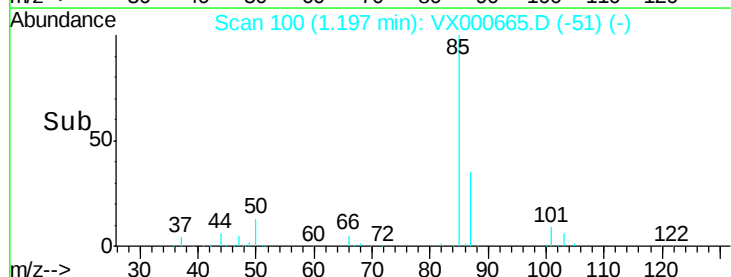
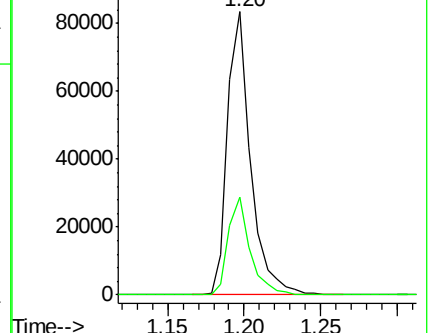
85 100

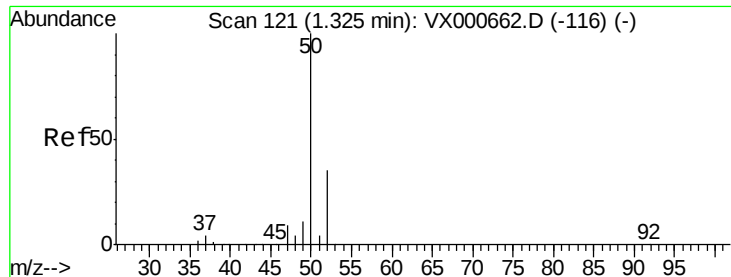
87 34.7 16.9 50.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 60.56 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

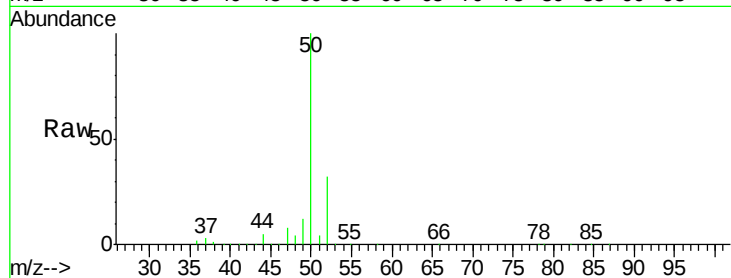
ICVVX040418

Tgt Ion: 50 Resp: 78937

Ion Ratio Lower Upper

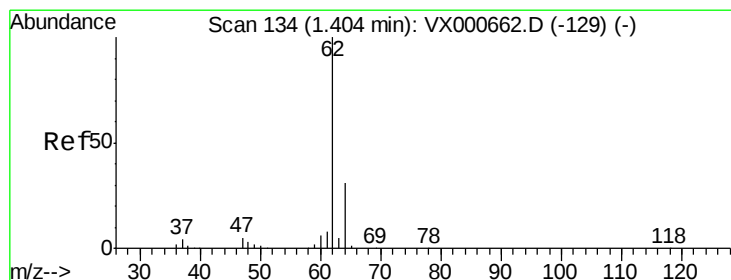
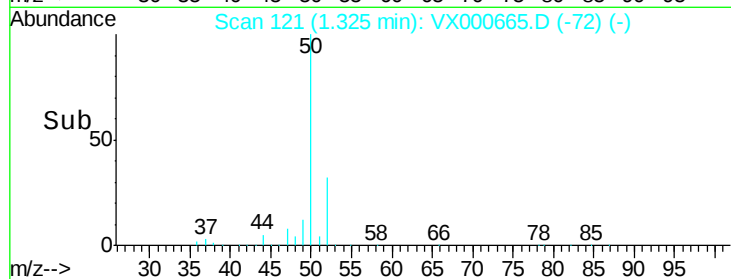
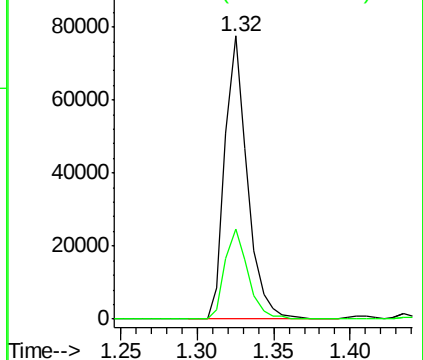
50 100

52 32.0 28.0 42.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 54.80 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX000665.D

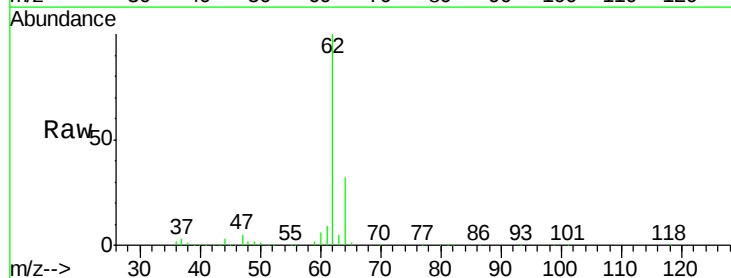
Acq: 04 Apr 2018 18:44

Tgt Ion: 62 Resp: 93641

Ion Ratio Lower Upper

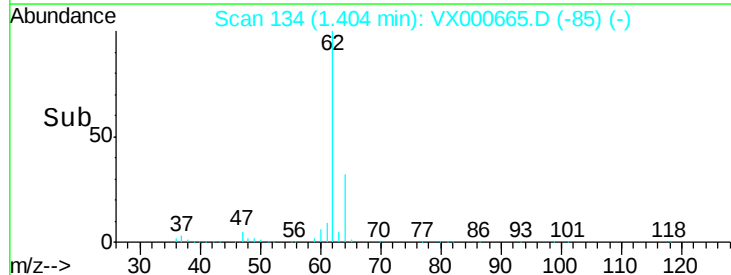
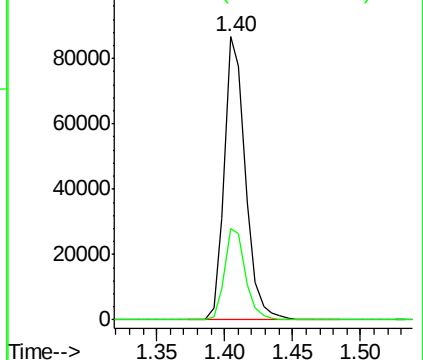
62 100

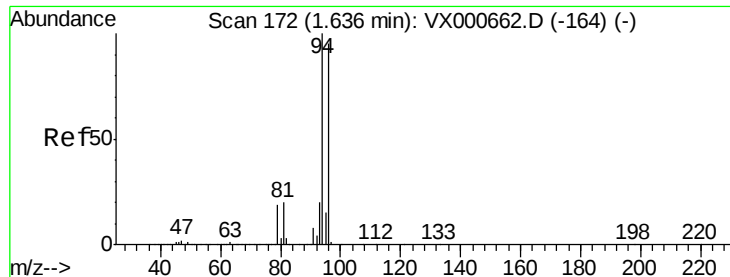
64 32.3 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.30 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

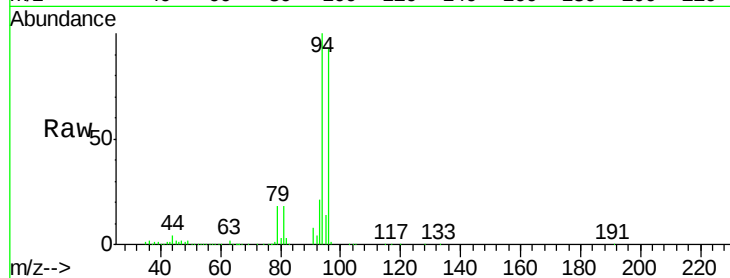
ICVVX040418

Tgt Ion: 94 Resp: 82022

Ion Ratio Lower Upper

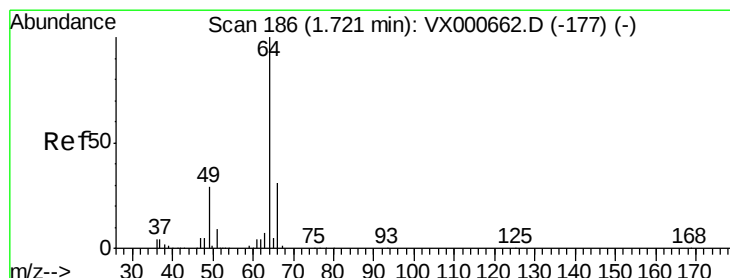
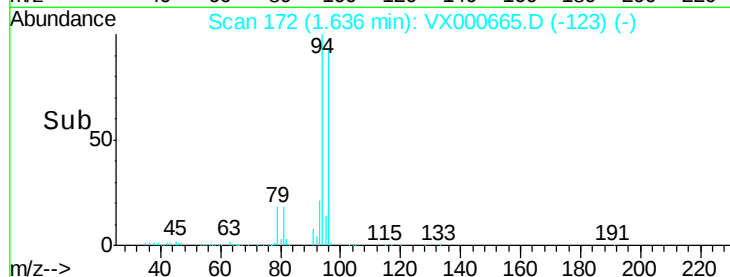
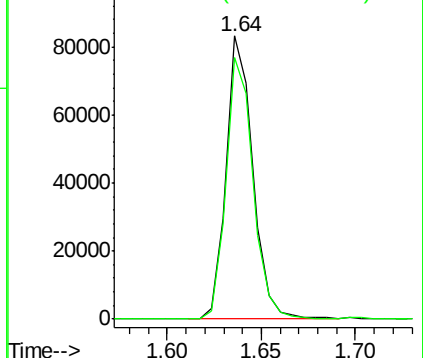
94 100

96 92.5 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.14 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX000665.D

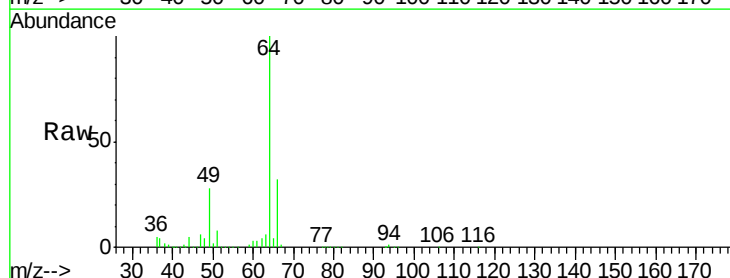
Acq: 04 Apr 2018 18:44

Tgt Ion: 64 Resp: 59279

Ion Ratio Lower Upper

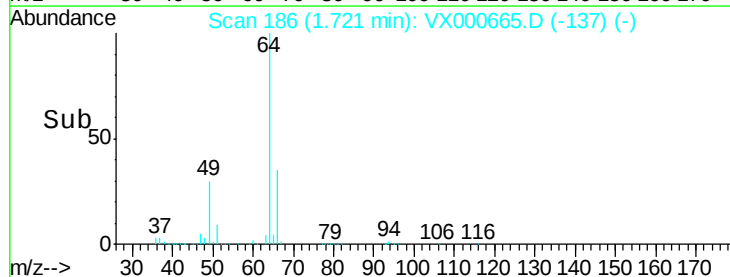
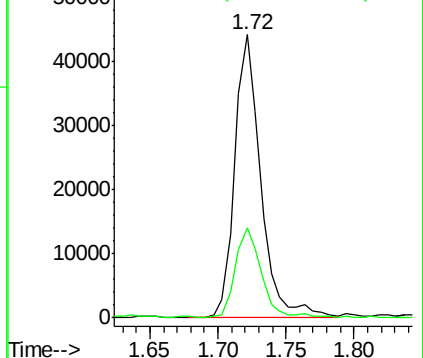
64 100

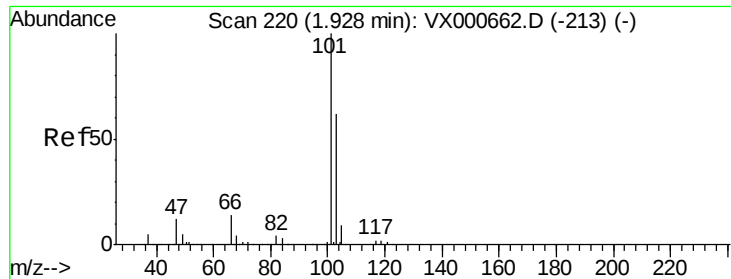
66 31.6 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 51.41 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

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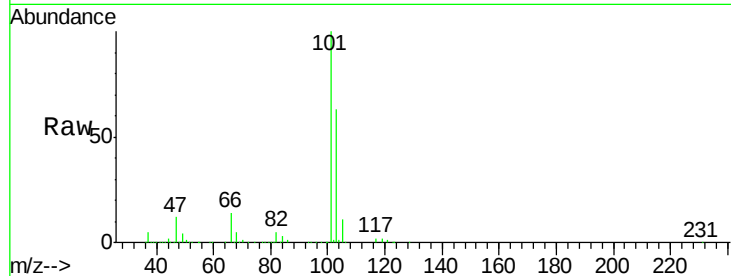
ICVVX040418

Tgt Ion:101 Resp: 155736

Ion Ratio Lower Upper

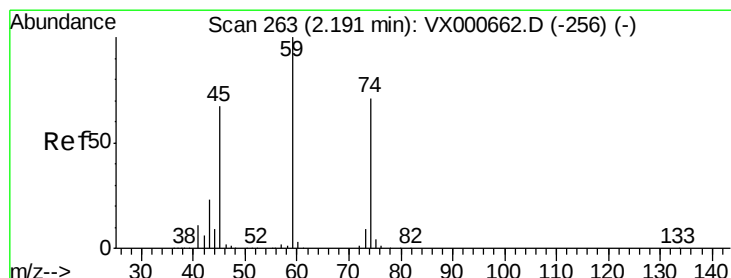
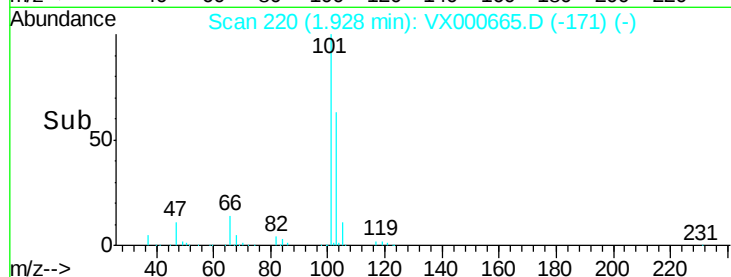
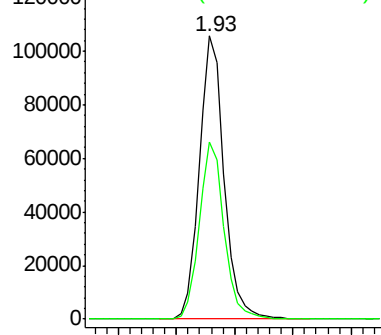
101 100

103 62.6 49.4 74.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 51.03 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX000665.D

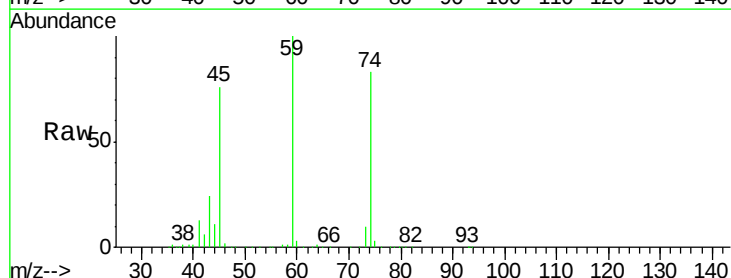
Acq: 04 Apr 2018 18:44

Tgt Ion: 74 Resp: 57339

Ion Ratio Lower Upper

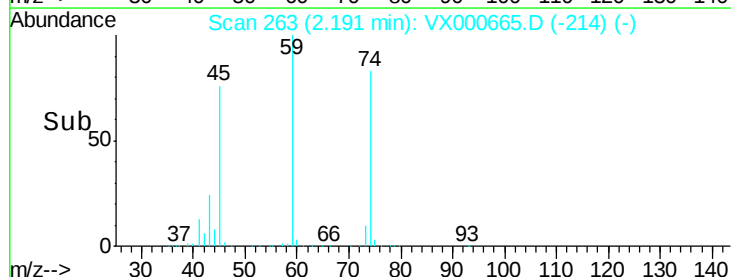
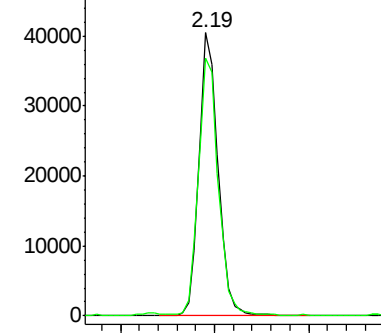
74 100

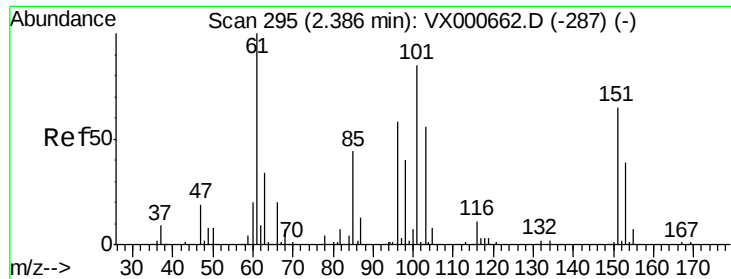
45 94.2 47.9 143.7



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.79 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

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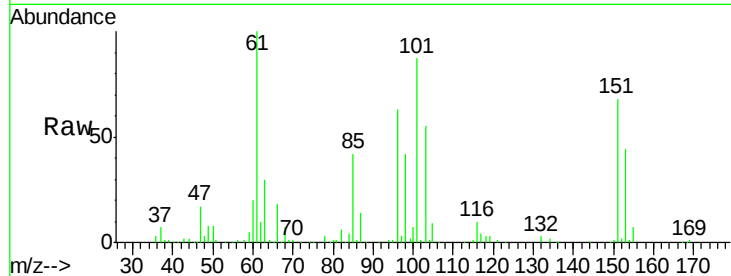
Tgt Ion:101 Resp: 84740

Ion Ratio Lower Upper

101 100

85 47.3 40.0 60.0

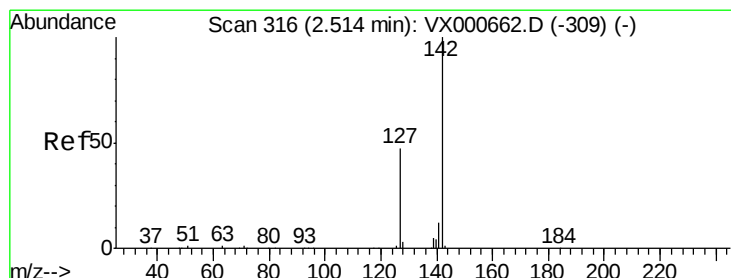
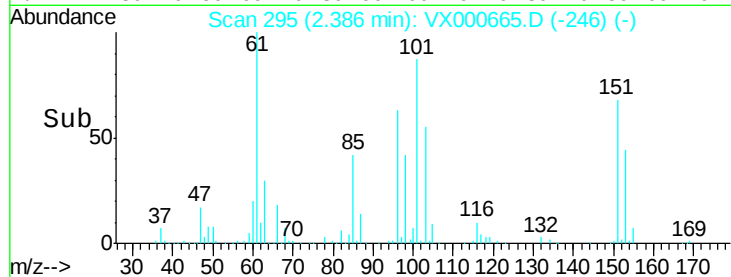
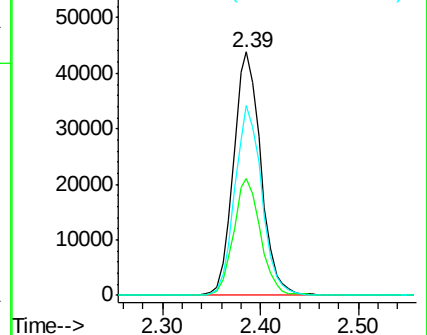
151 77.1 57.4 86.2



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: 47.36 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

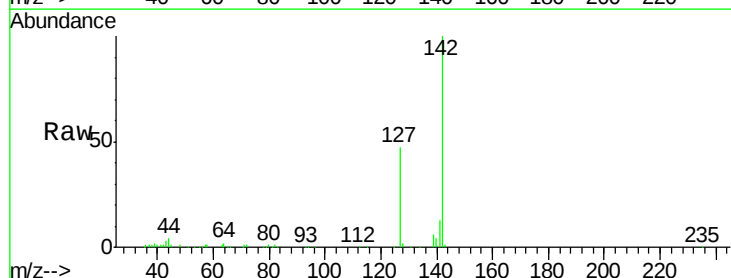
Tgt Ion:142 Resp: 56811

Ion Ratio Lower Upper

142 100

127 48.3 40.7 61.1

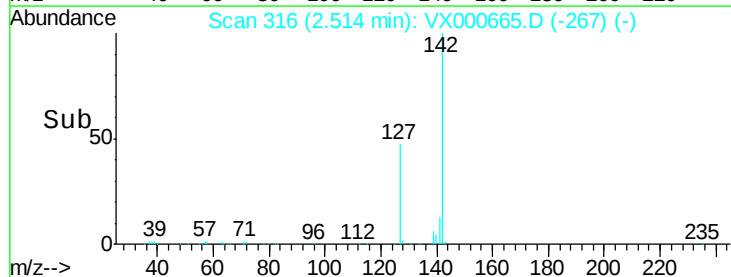
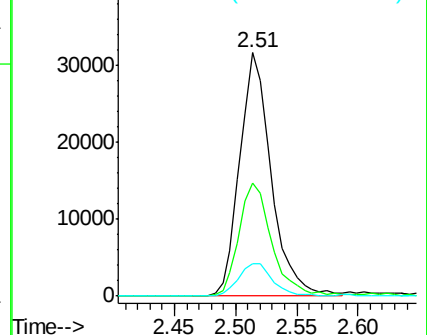
141 14.4 11.1 16.7

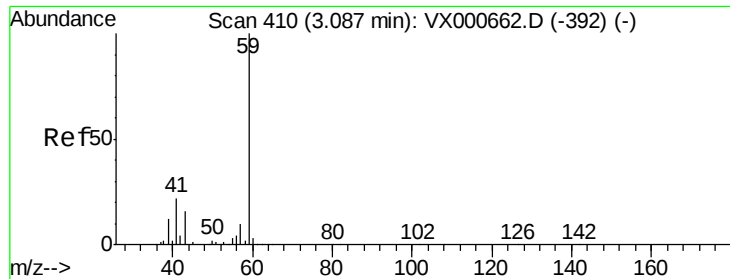


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



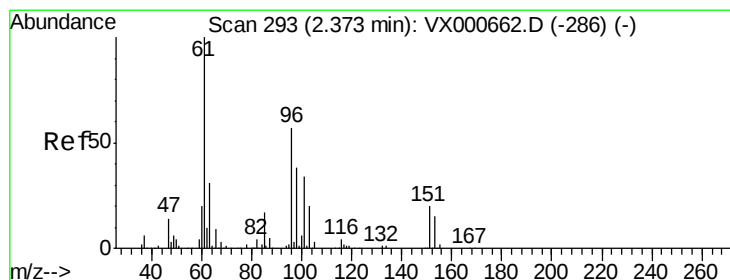
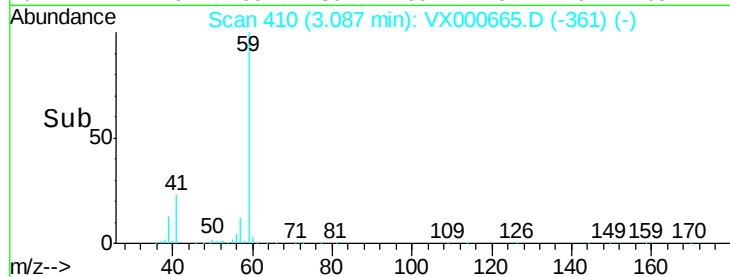
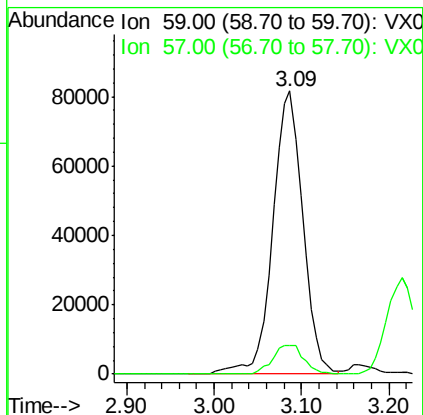
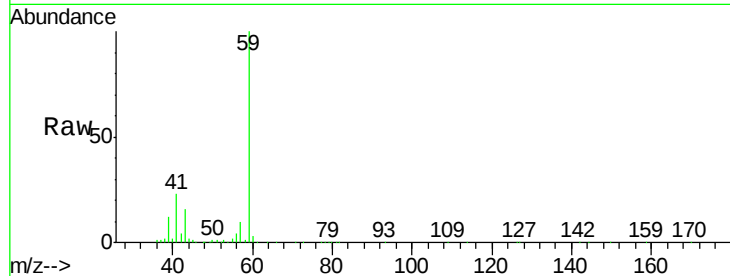


#11

Tert butyl alcohol
 Concen: 260.30 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VX000665.D
 Acq: 04 Apr 2018 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040418

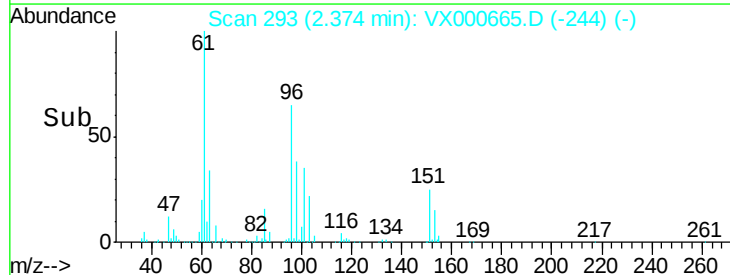
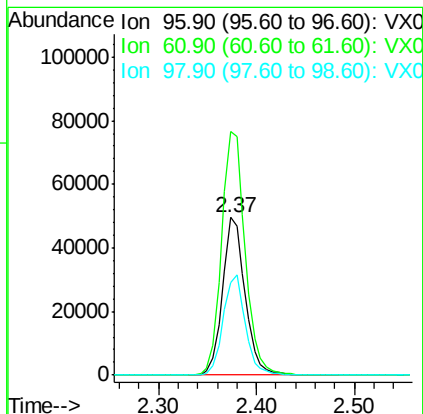
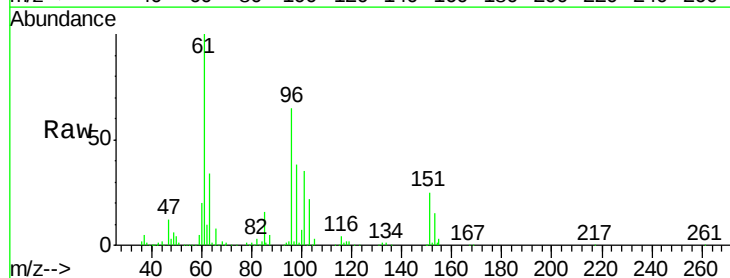
Tgt Ion: 59 Resp: 194905
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.5 12.7

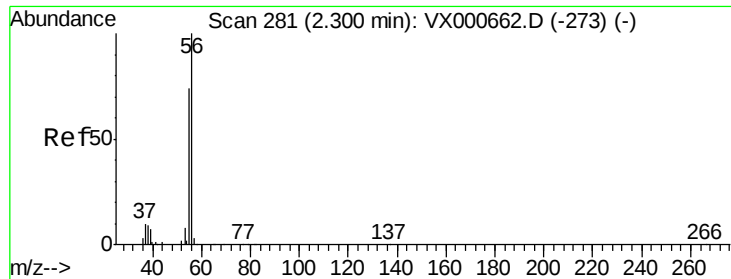


#12

1,1-Dichloroethene
 Concen: 51.51 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX000665.D
 Acq: 04 Apr 2018 18:44

Tgt Ion: 96 Resp: 79465
 Ion Ratio Lower Upper
 96 100
 61 154.8 140.2 210.2
 98 58.5 52.6 79.0





#13

Acrolein

Concen: 264.29 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

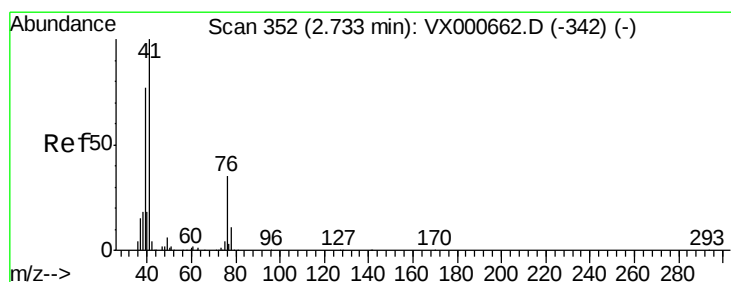
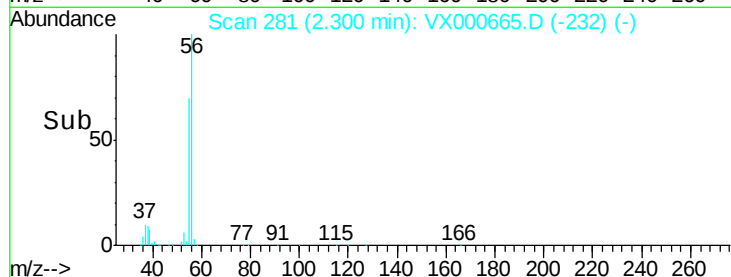
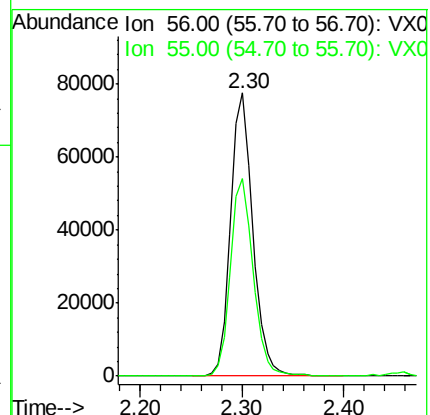
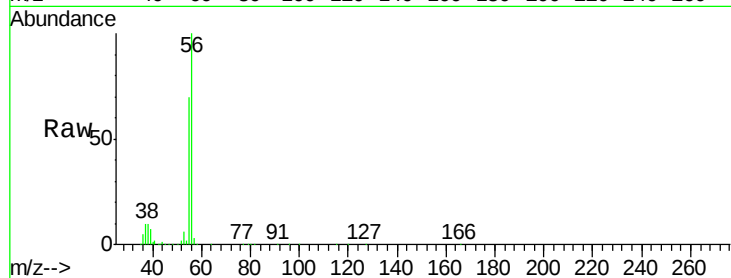
ICVVX040418

Tgt Ion: 56 Resp: 117312

Ion Ratio Lower Upper

56 100

55 71.7 58.1 87.1



#14

Allyl chloride

Concen: 47.33 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

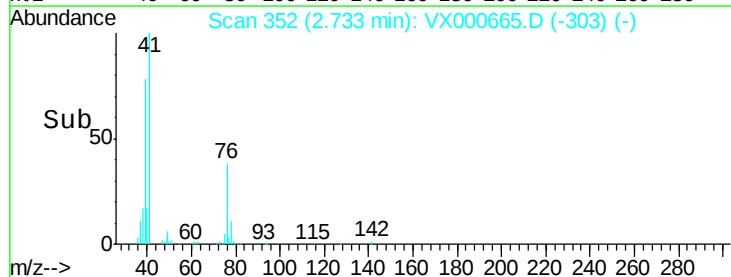
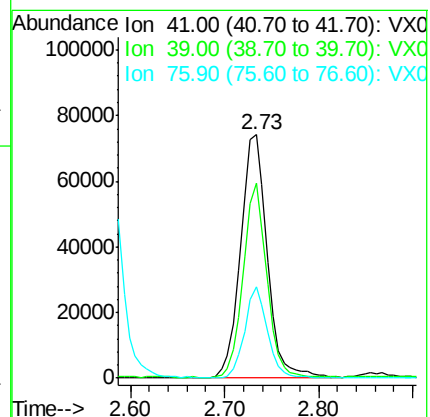
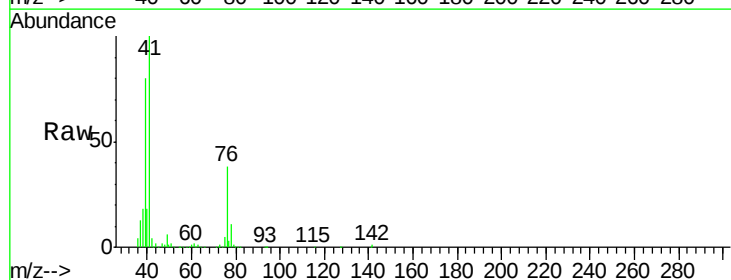
Tgt Ion: 41 Resp: 146446

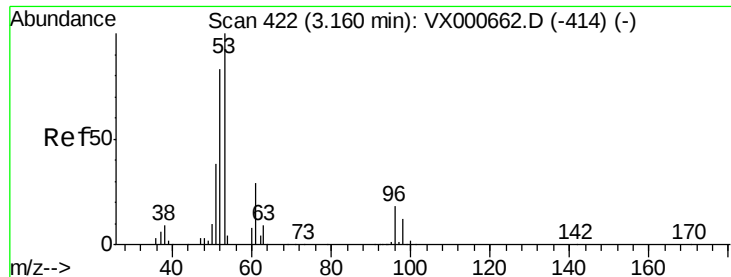
Ion Ratio Lower Upper

41 100

39 72.0 57.0 85.6

76 32.2 23.9 35.9





#15

Acrylonitrile

Concen: 254.38 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040418

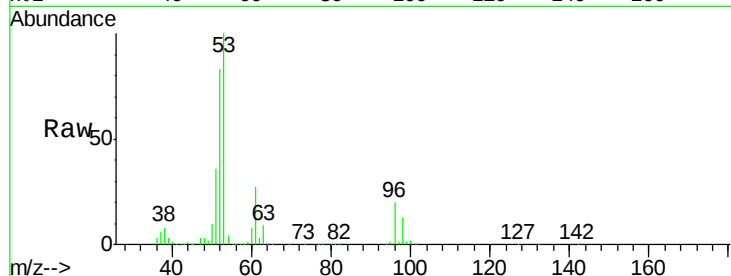
Tgt Ion: 53 Resp: 351285

Ion Ratio Lower Upper

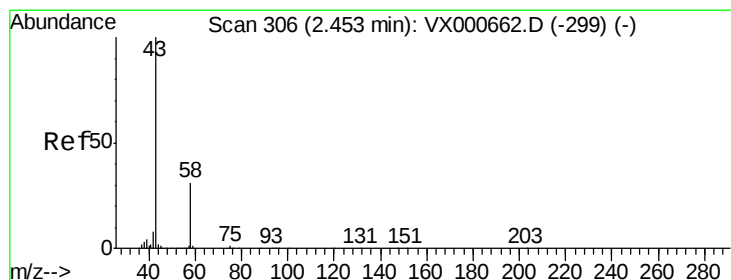
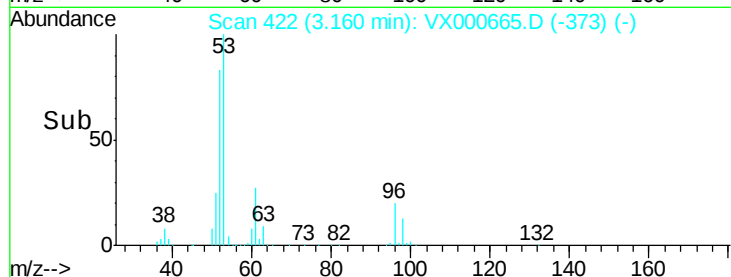
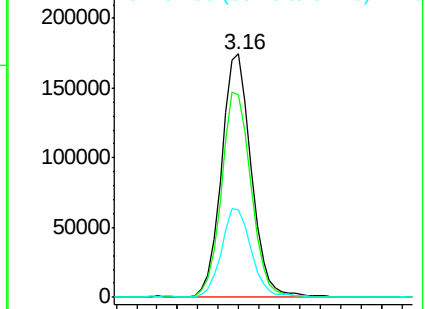
53 100

52 84.0 66.5 99.7

51 37.2 30.6 46.0



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: 229.33 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000665.D

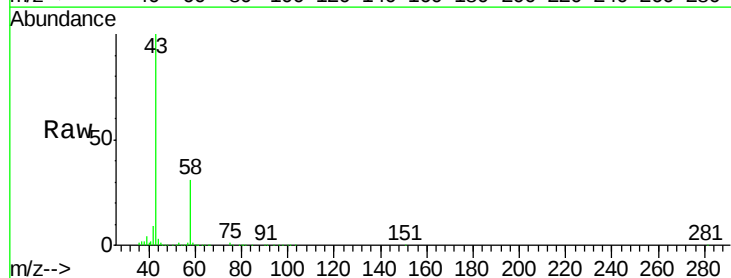
Acq: 04 Apr 2018 18:44

Tgt Ion: 43 Resp: 364303

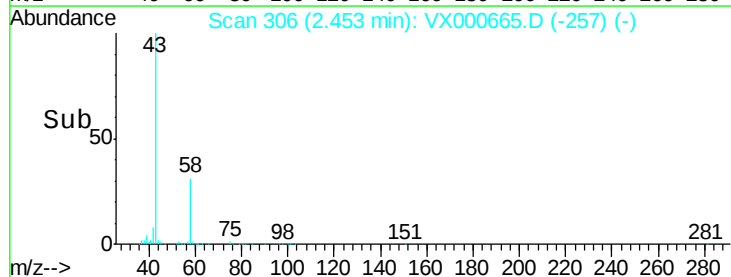
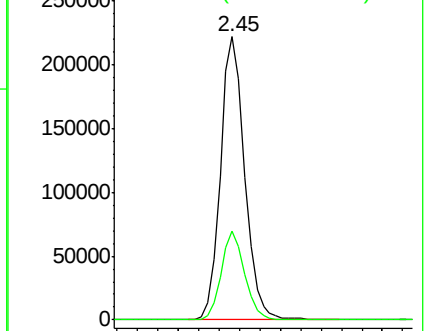
Ion Ratio Lower Upper

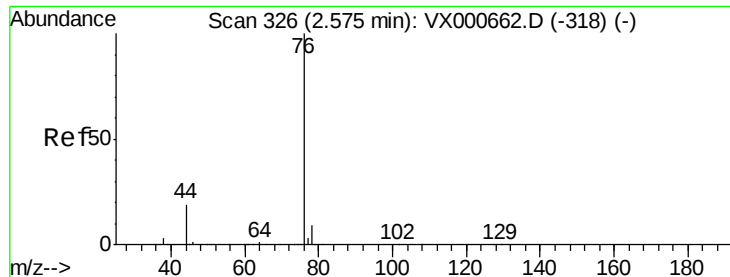
43 100

58 31.3 24.7 37.1



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

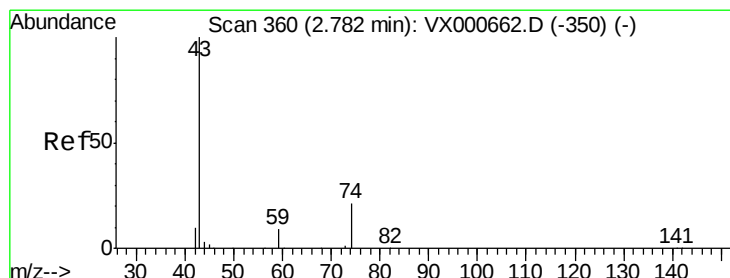
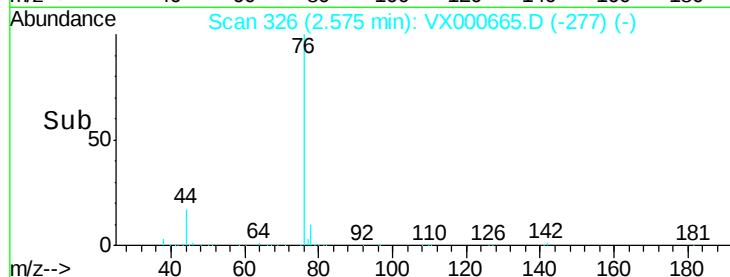
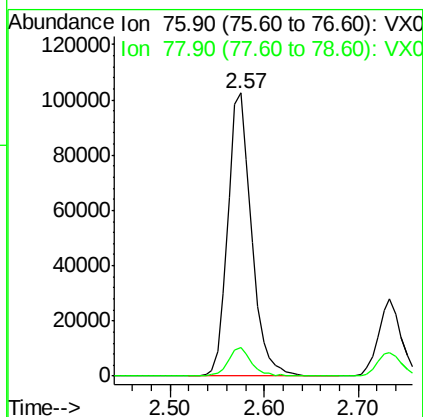
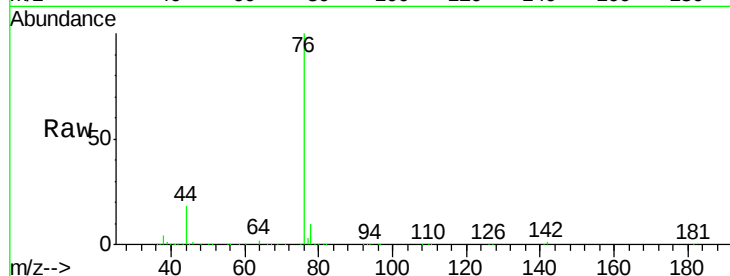




#17
Carbon Disulfide
Concen: 49.42 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000665.D
Acq: 04 Apr 2018 18:44

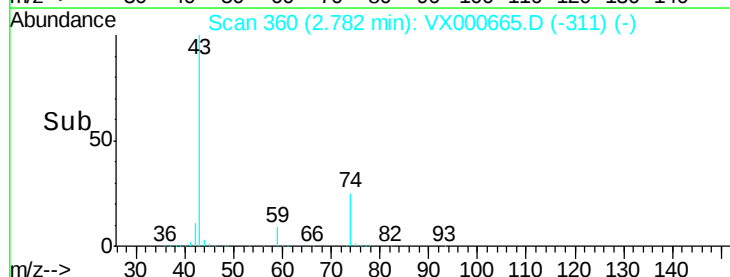
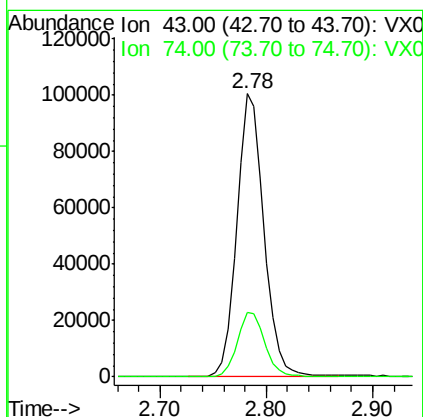
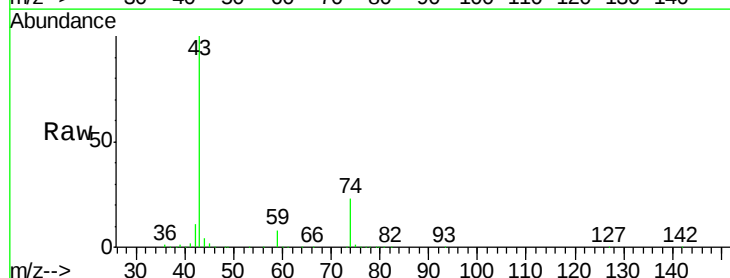
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040418

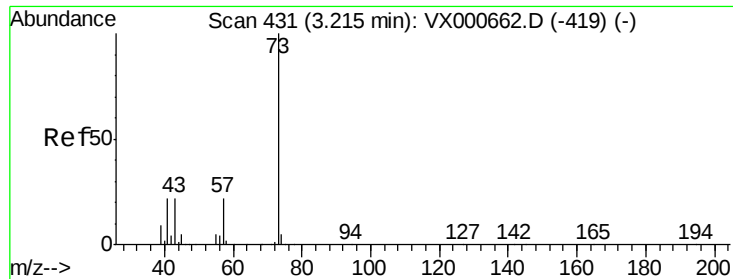
Tgt Ion: 76 Resp: 179214
Ion Ratio Lower Upper
76 100
78 10.2 7.0 10.6



#18
Methyl Acetate
Concen: 50.46 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX000665.D
Acq: 04 Apr 2018 18:44

Tgt Ion: 43 Resp: 178736
Ion Ratio Lower Upper
43 100
74 23.7 17.0 25.4

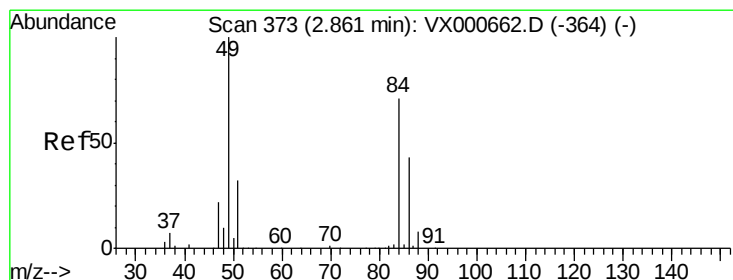
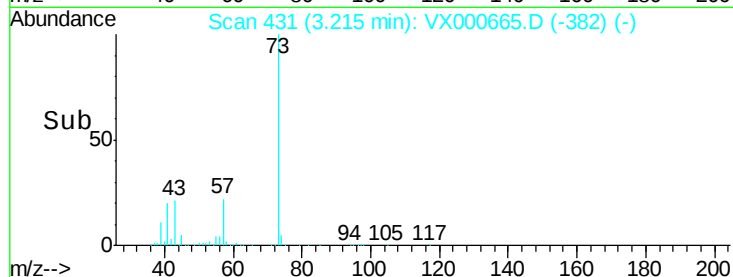
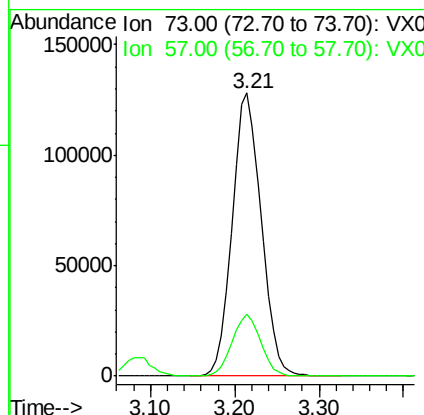
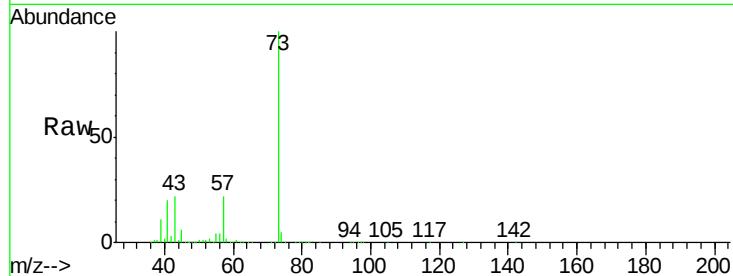




#19
Methyl tert-butyl Ether
Concen: 53.57 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000665.D
Acq: 04 Apr 2018 18:44

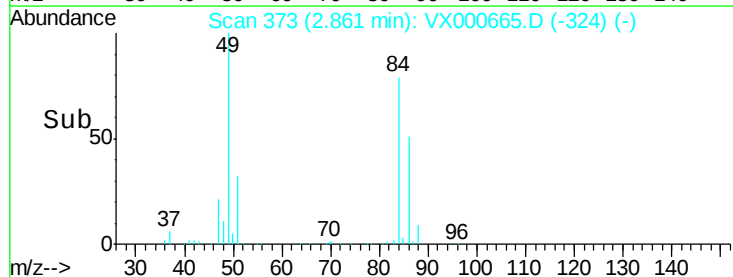
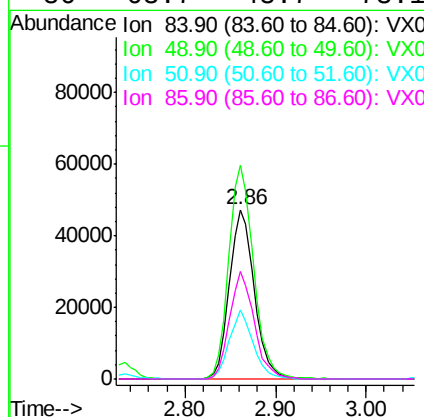
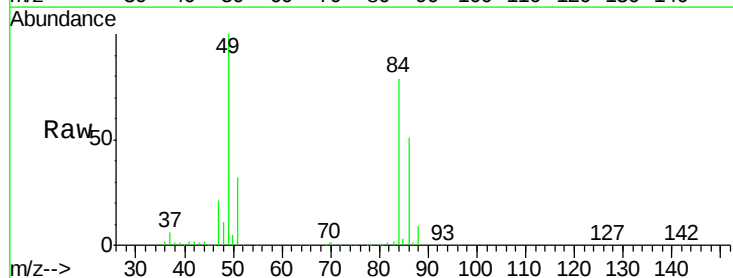
Instrument :
MSVOA_X
ClientSampled :
ICVVX040418

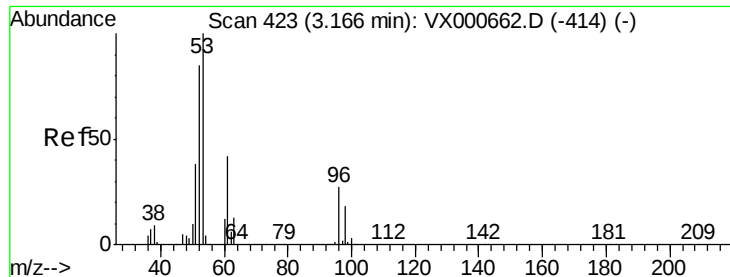
Tgt Ion: 73 Resp: 298757
Ion Ratio Lower Upper
73 100
57 21.8 17.8 26.6



#20
Methylene Chloride
Concen: 49.71 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000665.D
Acq: 04 Apr 2018 18:44

Tgt Ion: 84 Resp: 90057
Ion Ratio Lower Upper
84 100
49 125.9 112.1 168.1
51 40.7 35.4 53.0
86 63.7 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 50.60 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040418

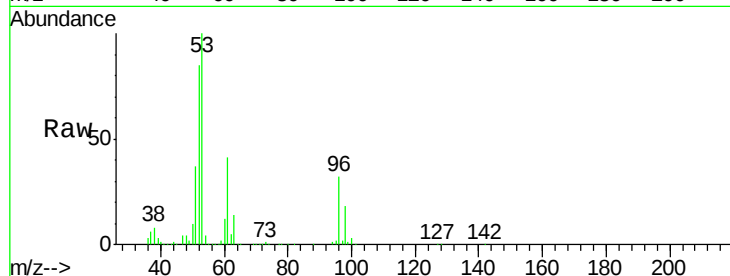
Tgt Ion: 96 Resp: 84627

Ion Ratio Lower Upper

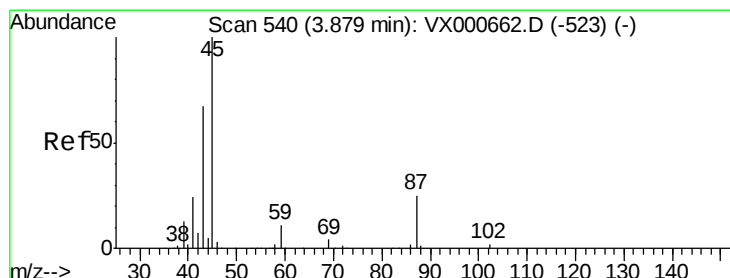
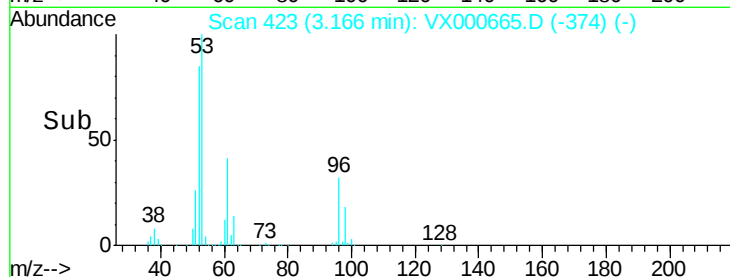
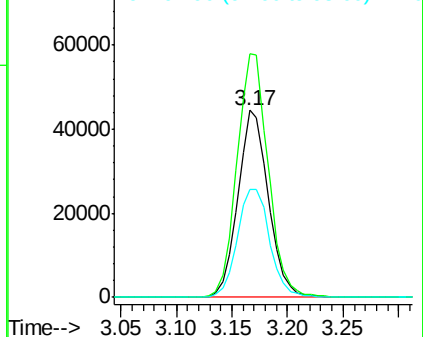
96 100

61 129.8 123.5 185.3

98 57.5 51.9 77.9



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



#22

Diisopropyl ether

Concen: 45.71 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

Tgt Ion: 45 Resp: 201265

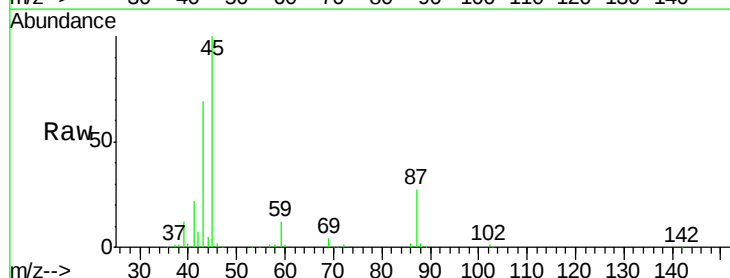
Ion Ratio Lower Upper

45 100

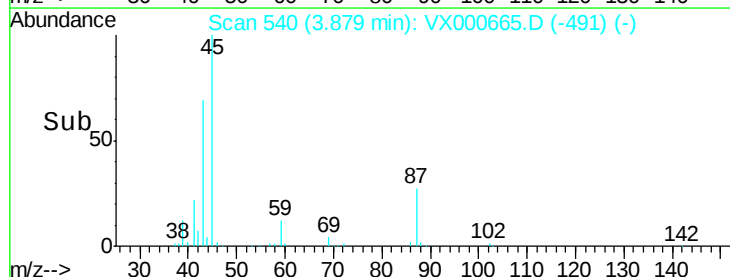
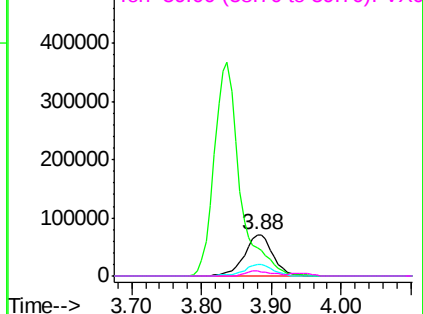
43 68.5 53.8 80.8

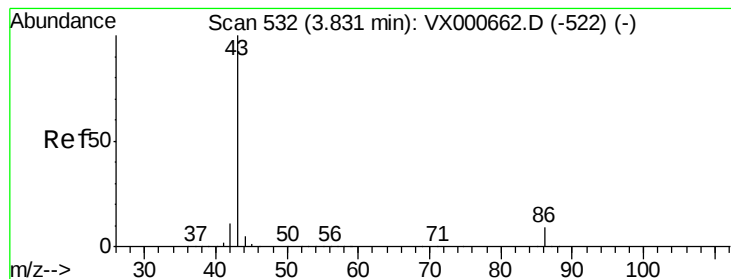
87 26.6 19.8 29.6

59 11.9 8.6 12.8



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 221.11 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

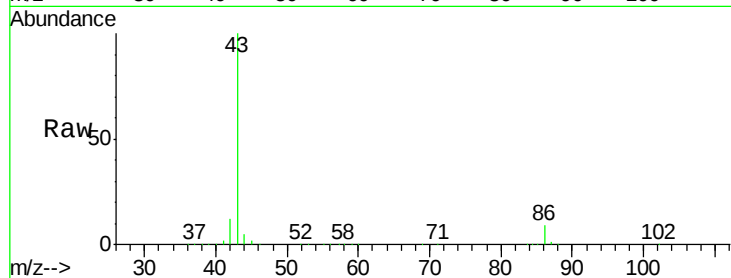
ICVVX040418

Tgt Ion: 43 Resp: 941327

Ion Ratio Lower Upper

43 100

86 9.1 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.84

400000

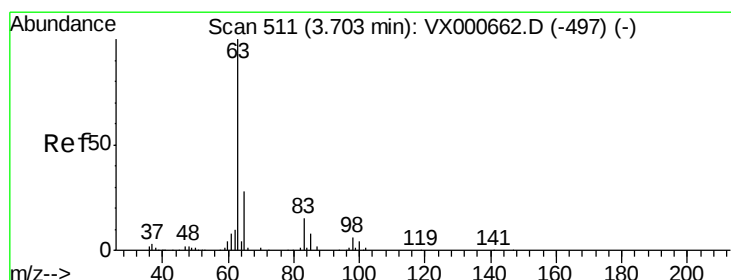
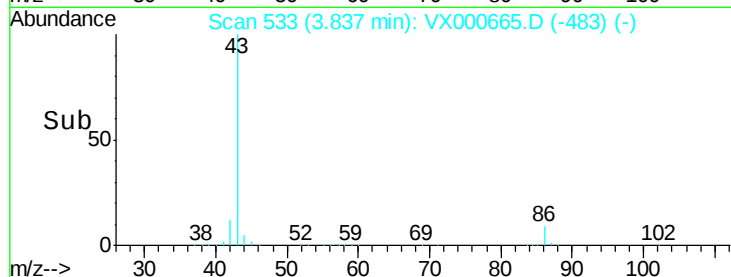
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.97 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

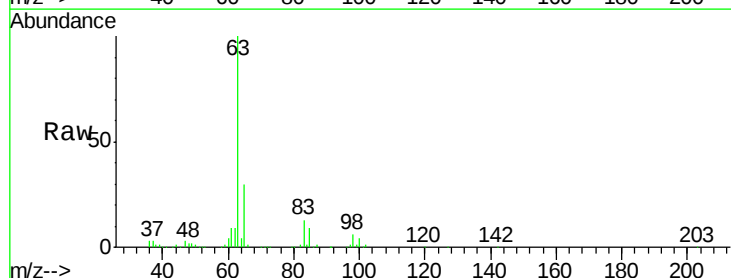
Tgt Ion: 63 Resp: 152095

Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.0

100 4.2 2.1 6.2



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

3.70

80000

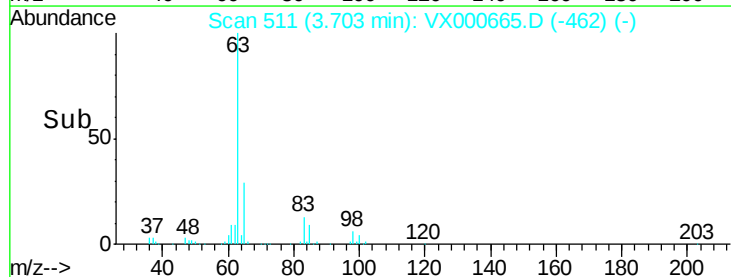
60000

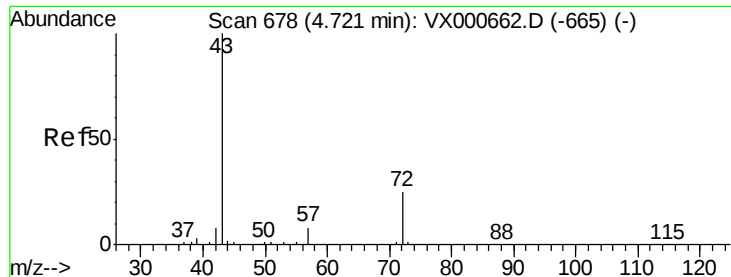
40000

20000

0

Time-->





#25

2-Butanone

Concen: 249.64 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

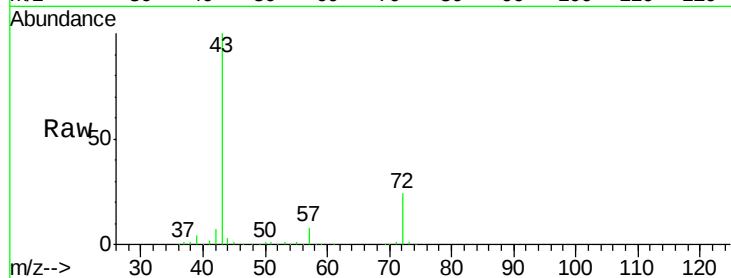
ICVVX040418

Tgt Ion: 43 Resp: 401987

Ion Ratio Lower Upper

43 100

72 24.0 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

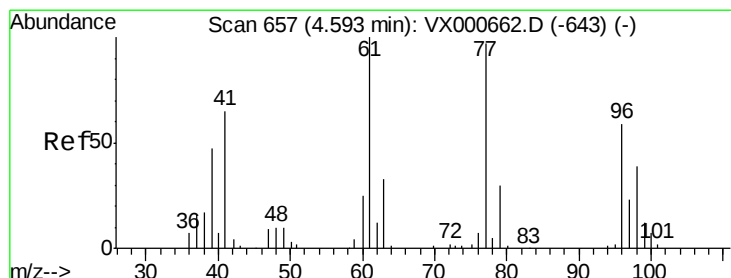
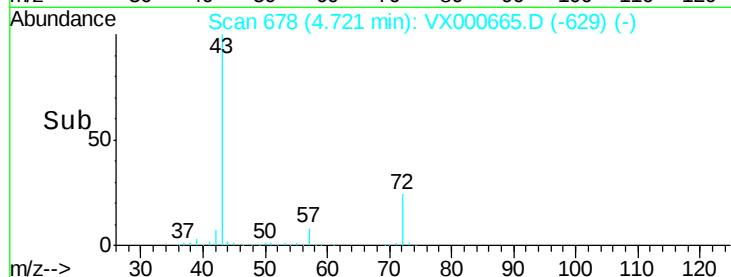
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 51.14 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000665.D

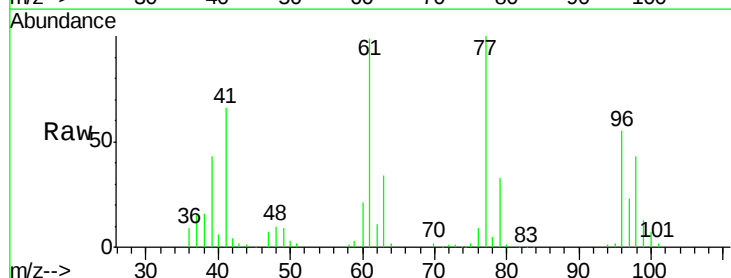
Acq: 04 Apr 2018 18:44

Tgt Ion: 77 Resp: 81945

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

25000

20000

15000

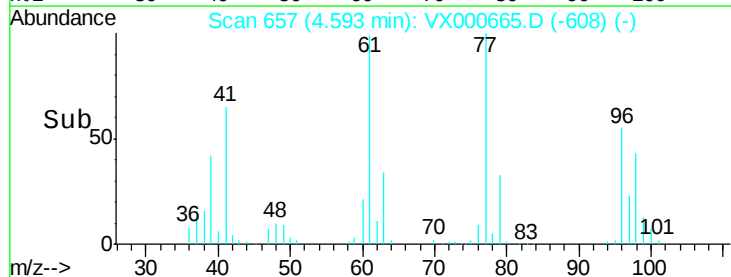
10000

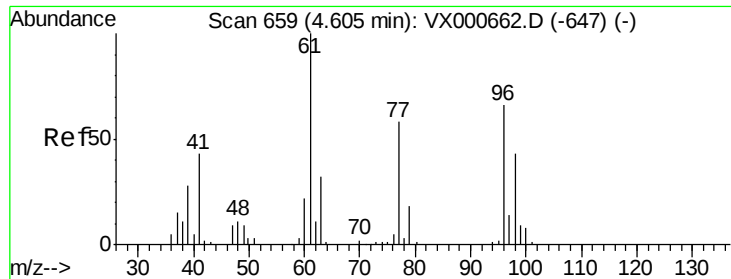
5000

0

4.50 4.60 4.70

Time-->

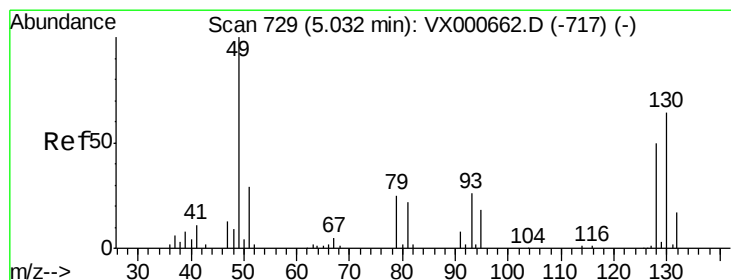
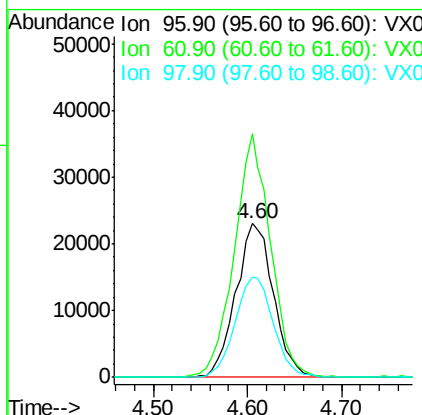
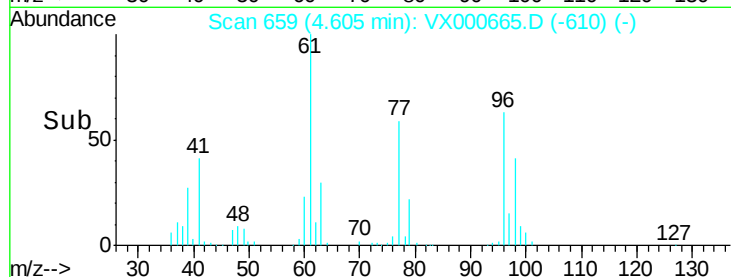
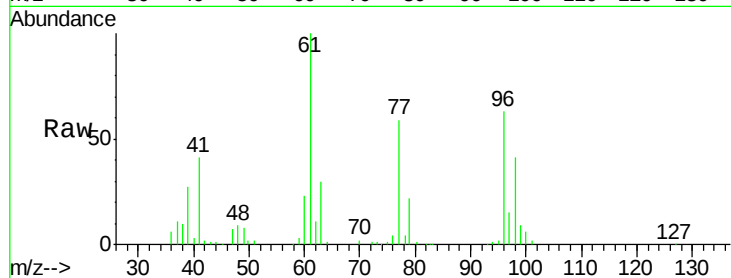




#27
 cis-1,2-Dichloroethene
 Concen: 50.40 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX000665.D
 Acq: 04 Apr 2018 18:44

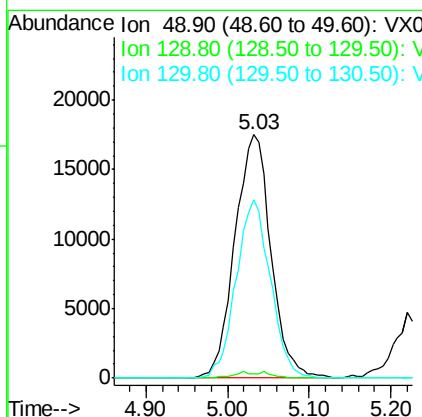
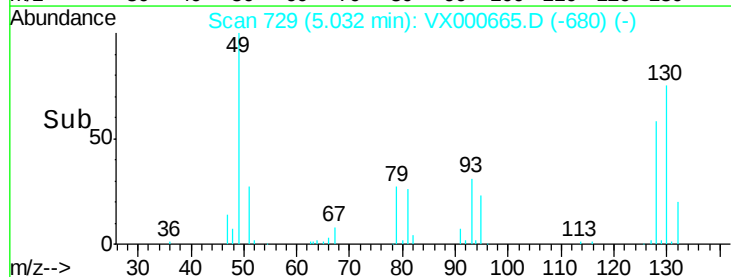
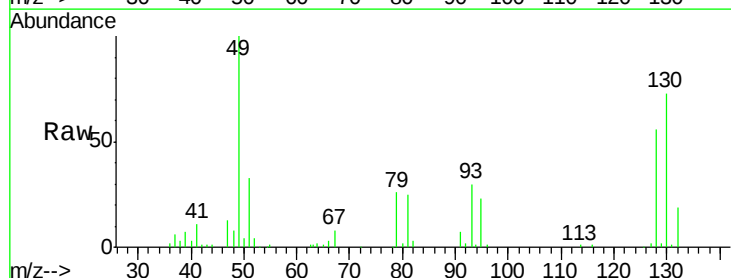
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040418

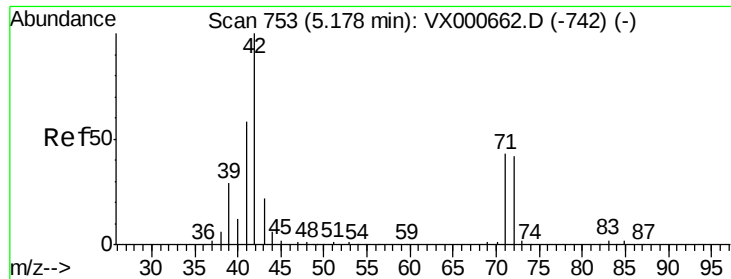
Tgt Ion: 96 Resp: 63835
 Ion Ratio Lower Upper
 96 100
 61 152.9 0.0 309.4
 98 65.9 0.0 129.2



#28
 Bromochloromethane
 Concen: 48.99 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: VX000665.D
 Acq: 04 Apr 2018 18:44

Tgt Ion: 49 Resp: 53718
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.8
 130 69.4 53.8 80.6

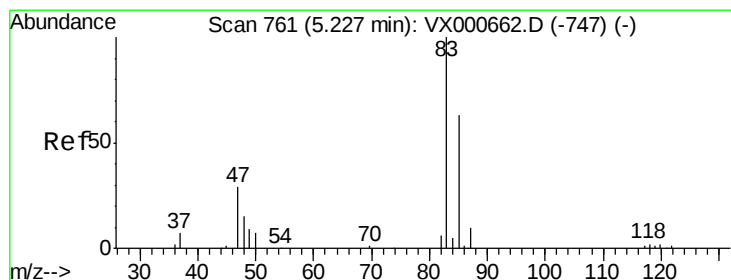
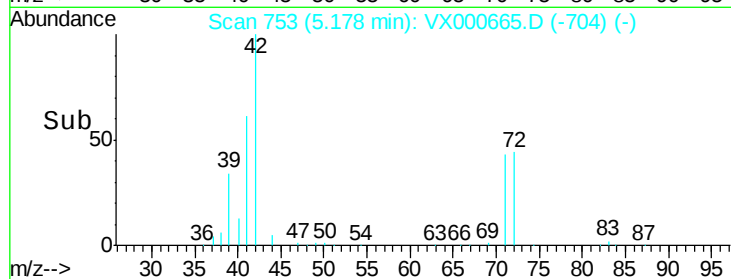
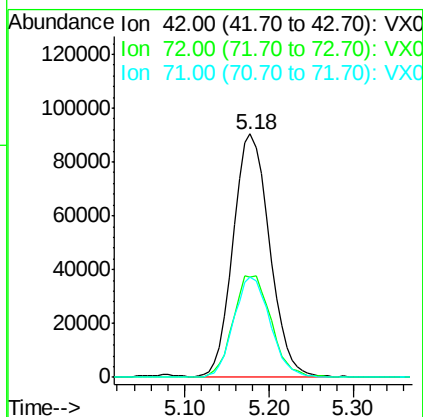
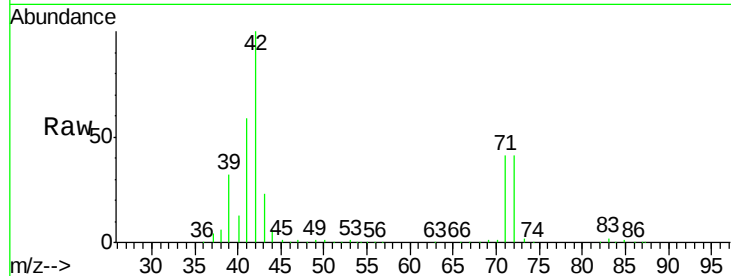




#29
Tetrahydrofuran
Concen: 255.67 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX000665.D
Acq: 04 Apr 2018 18:44

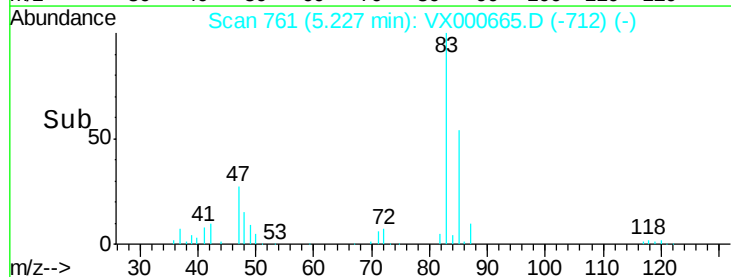
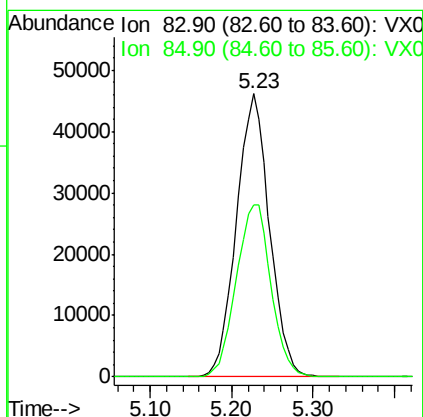
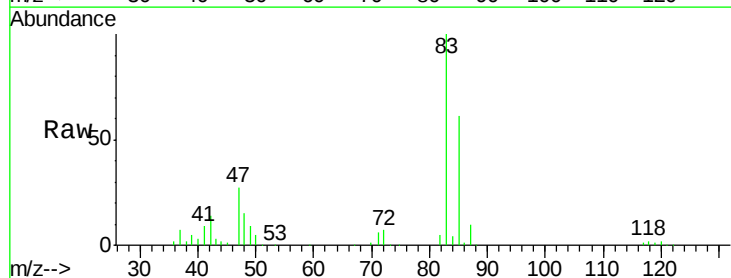
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040418

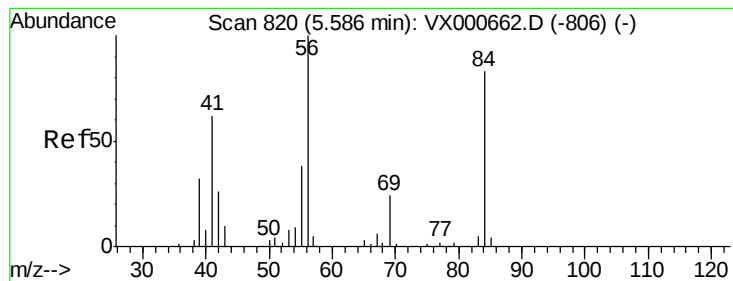
Tgt Ion: 42 Resp: 264894
Ion Ratio Lower Upper
42 100
72 43.7 34.5 51.7
71 41.2 32.2 48.2



#30
Chloroform
Concen: 52.27 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000665.D
Acq: 04 Apr 2018 18:44

Tgt Ion: 83 Resp: 129681
Ion Ratio Lower Upper
83 100
85 60.8 50.2 75.4





#31

Cyclohexane

Concen: 49.08 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040418

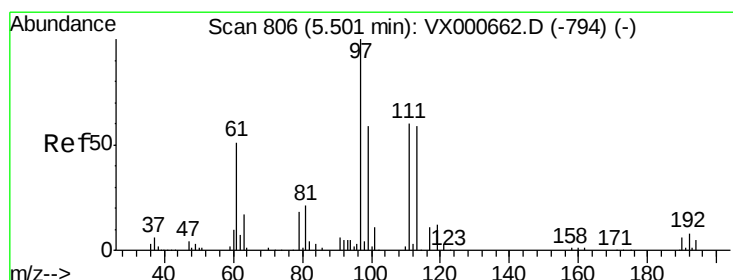
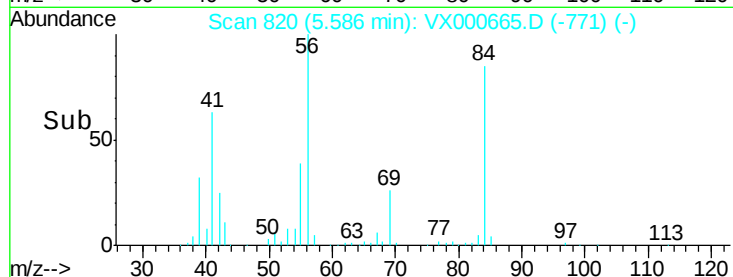
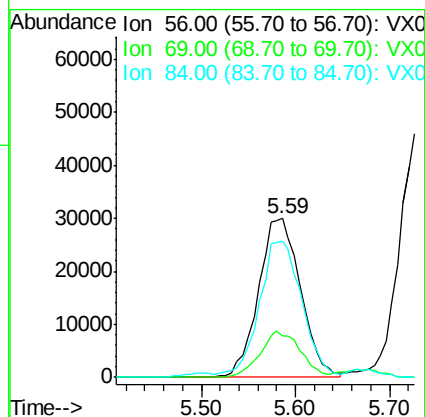
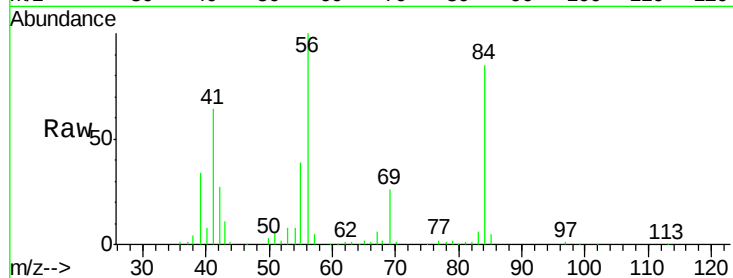
Tgt Ion: 56 Resp: 93533

Ion Ratio Lower Upper

56 100

69 26.0 19.4 29.0

84 83.6 66.8 100.2



#32

1,1,1-Trichloroethane

Concen: 54.29 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

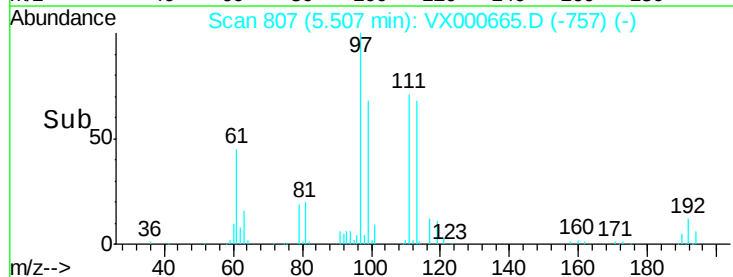
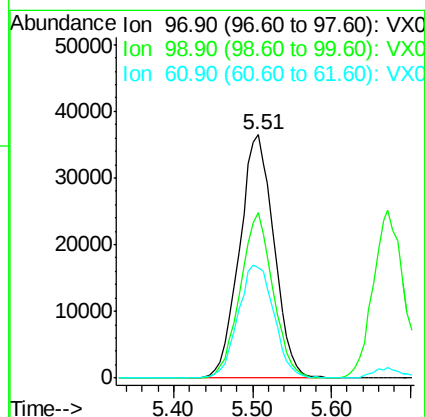
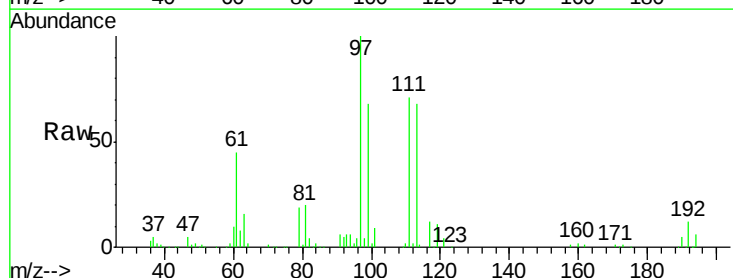
Tgt Ion: 97 Resp: 110864

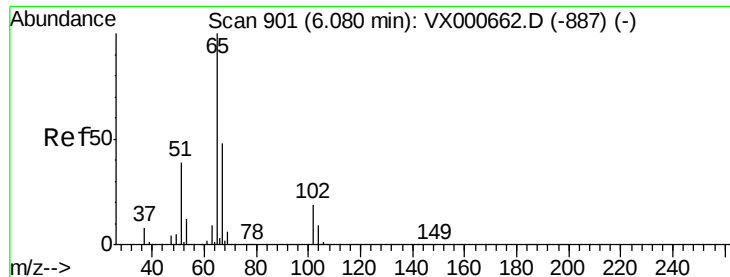
Ion Ratio Lower Upper

97 100

99 64.4 51.7 77.5

61 48.3 41.4 62.2





#33

1,2-Dichloroethane-d4

Concen: 50.78 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

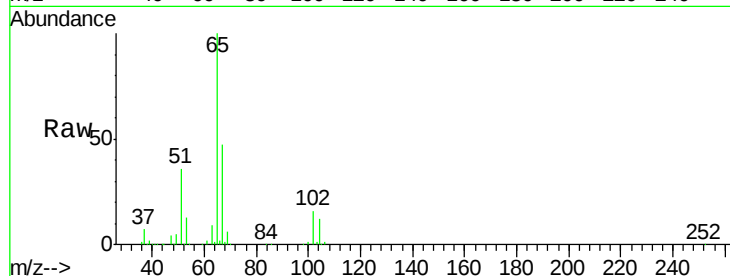
ICVVX040418

Tgt Ion: 65 Resp: 98040

Ion Ratio Lower Upper

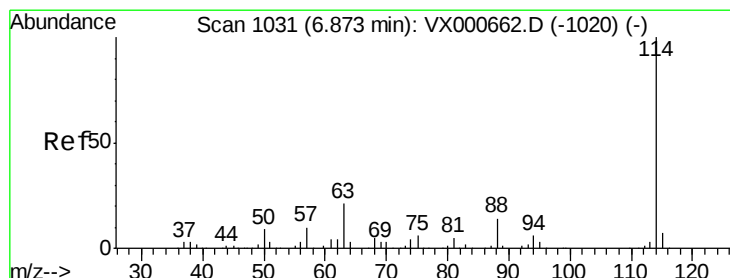
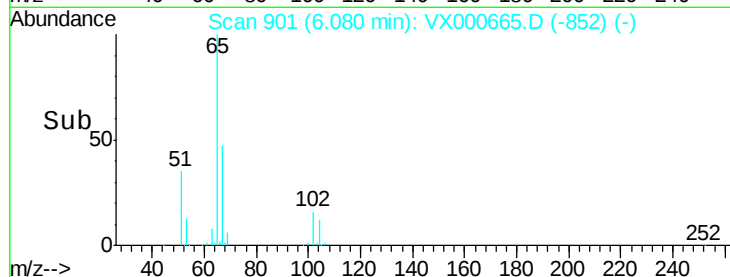
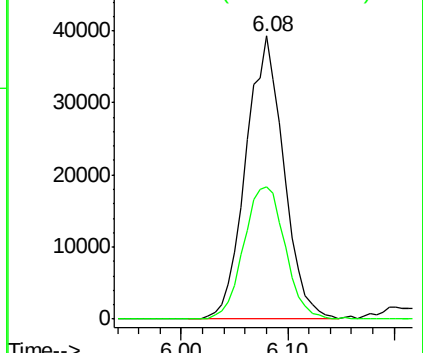
65 100

67 50.9 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

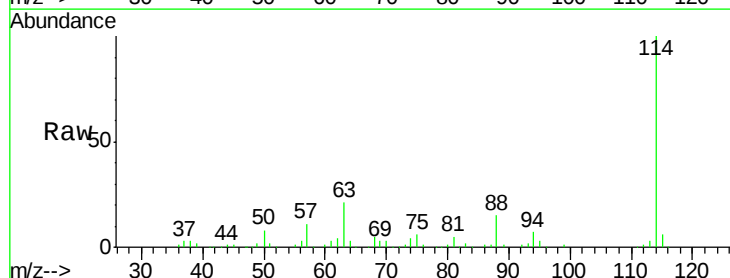
Tgt Ion: 114 Resp: 205645

Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.6

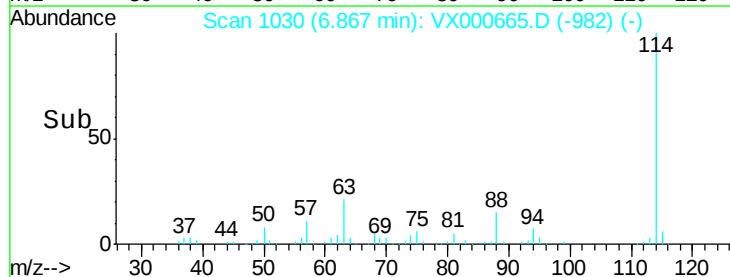
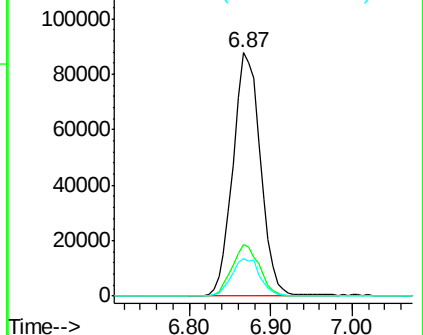
88 15.5 0.0 28.6

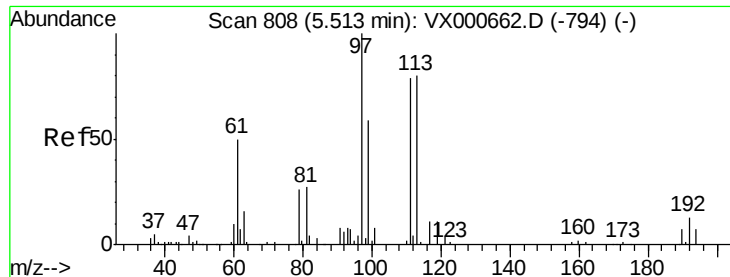


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.10 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040418

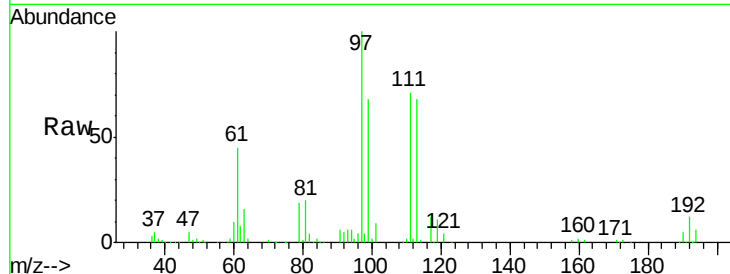
Tgt Ion:113 Resp: 70328

Ion Ratio Lower Upper

113 100

111 103.7 82.0 123.0

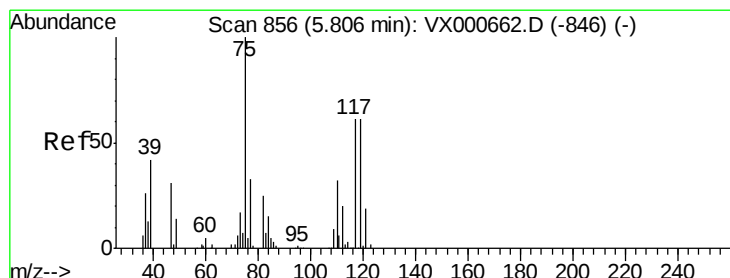
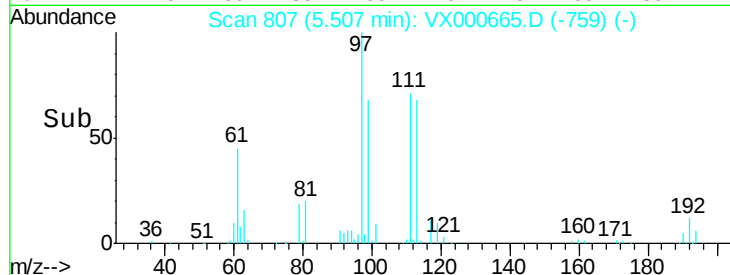
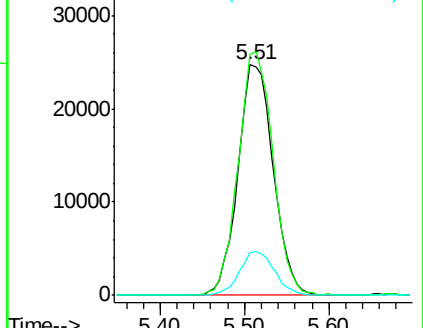
192 18.7 14.3 21.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.35 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

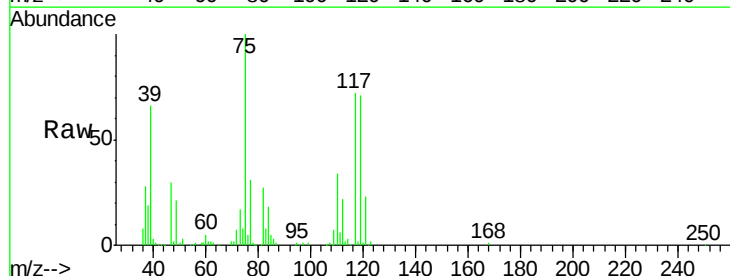
Tgt Ion: 75 Resp: 88421

Ion Ratio Lower Upper

75 100

110 33.7 16.3 48.9

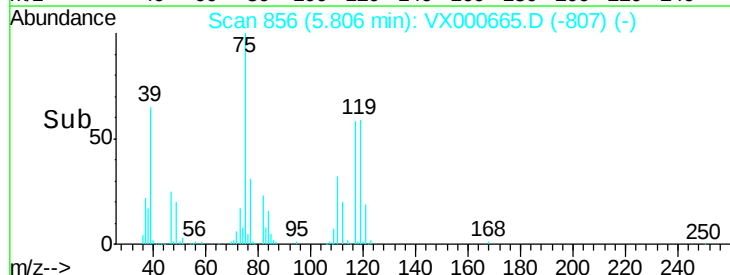
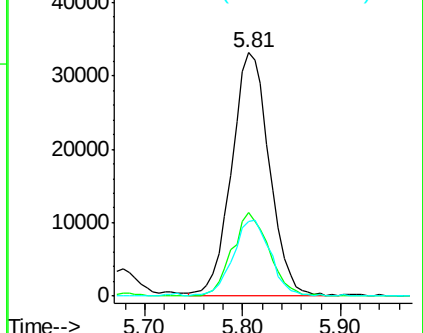
77 31.1 24.3 36.5

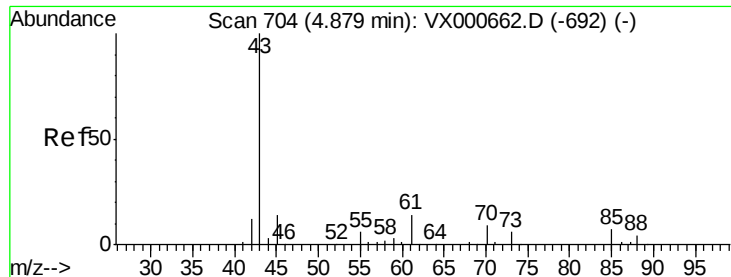


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 47.22 ug/l

RT: 4.88 min Scan# 704

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

Instrument :

MSVOA_X

ClientSampled :

ICVX040418

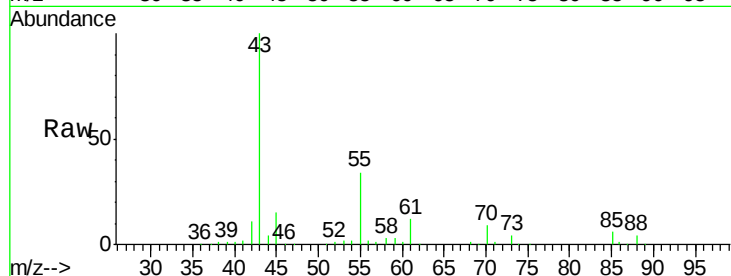
Tgt Ion: 43 Resp: 137082

Ion Ratio Lower Upper

43 100

61 13.2 10.4 15.6

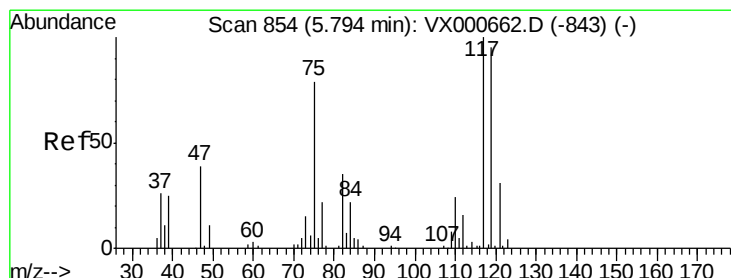
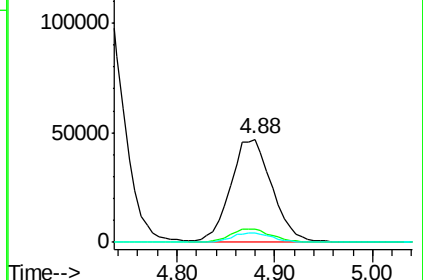
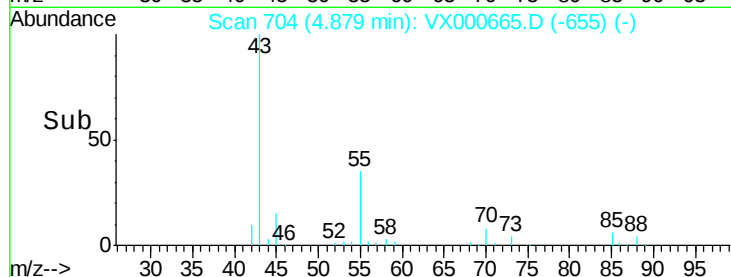
70 9.0 6.8 10.2



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: 49.94 ug/l

RT: 5.79 min Scan# 854

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

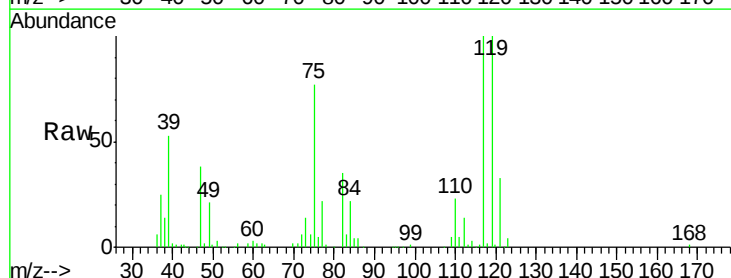
Tgt Ion: 117 Resp: 91707

Ion Ratio Lower Upper

117 100

119 99.8 76.1 114.1

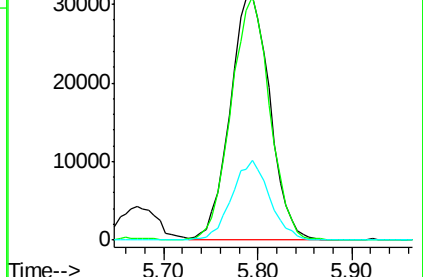
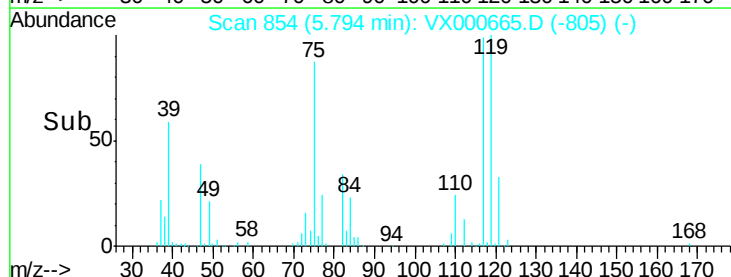
121 33.0 24.8 37.2

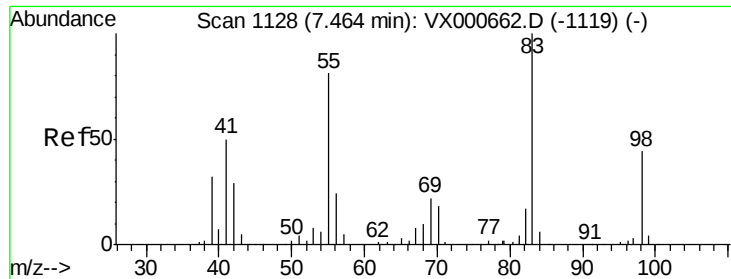


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

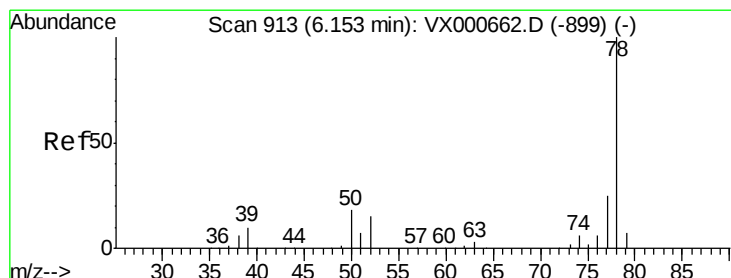
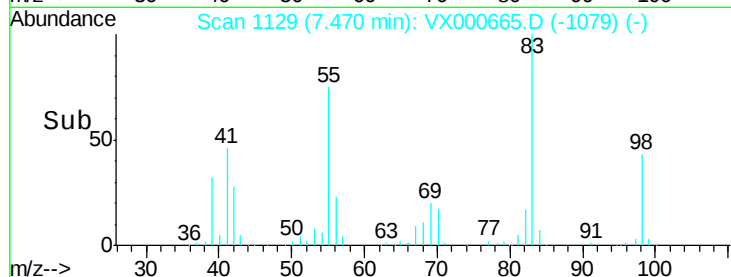
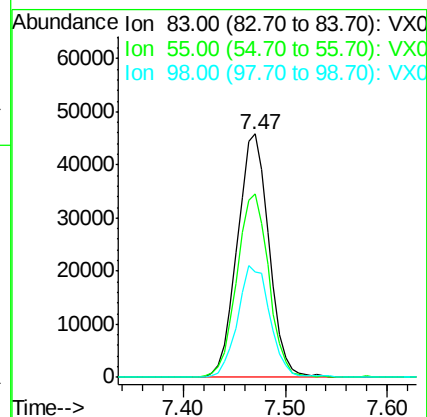
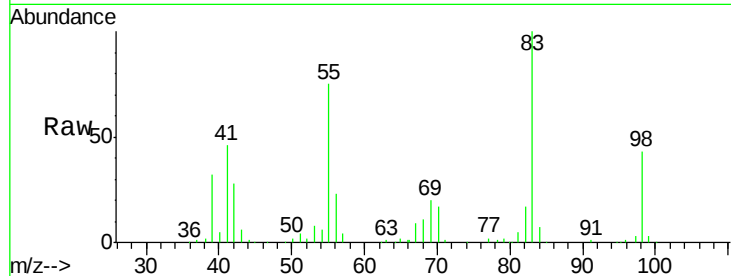




#39
Methylcyclohexane
Concen: 44.82 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX000665.D
Acq: 04 Apr 2018 18:44

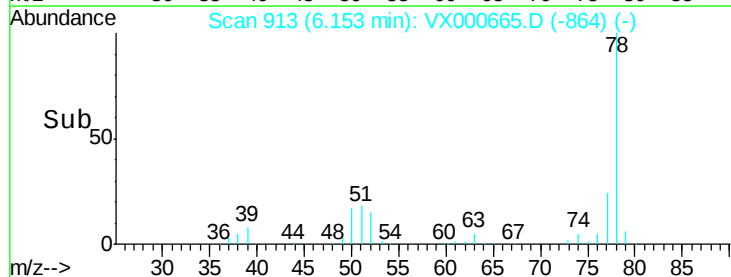
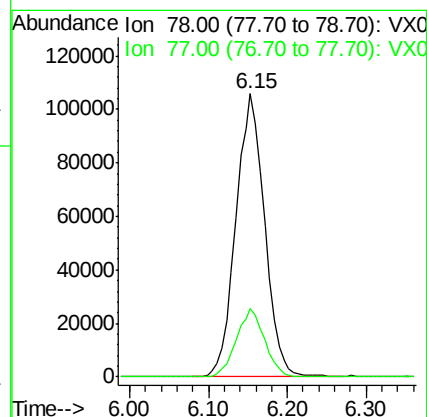
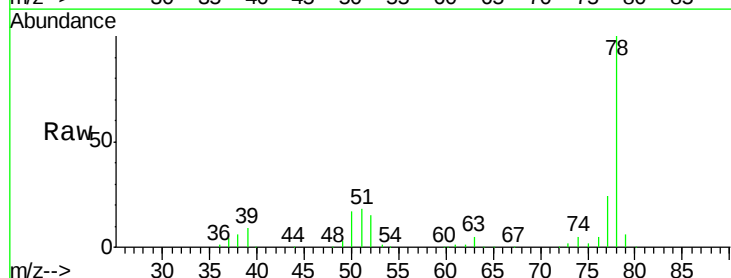
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040418

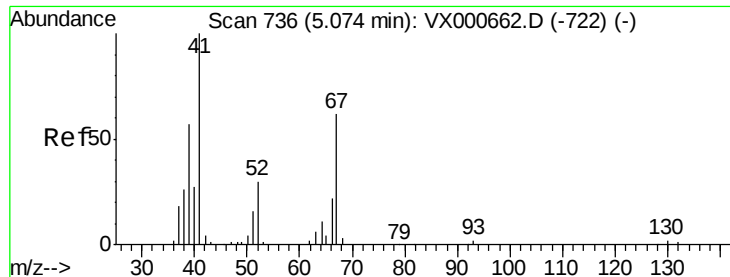
Tgt Ion: 83 Resp: 98854
Ion Ratio Lower Upper
83 100
55 75.3 64.5 96.7
98 43.4 35.0 52.6



#40
Benzene
Concen: 49.26 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000665.D
Acq: 04 Apr 2018 18:44

Tgt Ion: 78 Resp: 268405
Ion Ratio Lower Upper
78 100
77 24.0 20.2 30.2

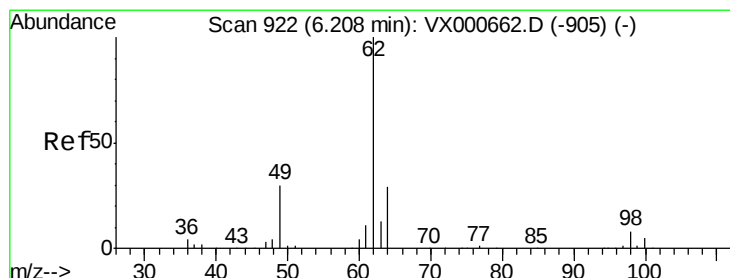
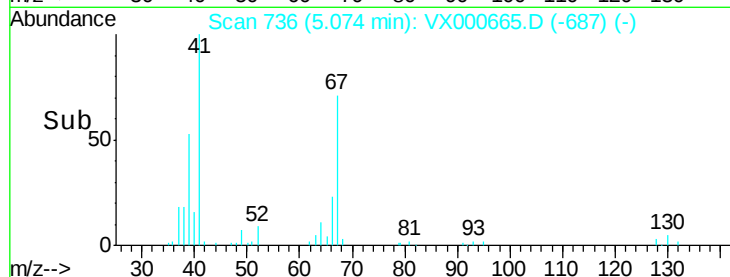
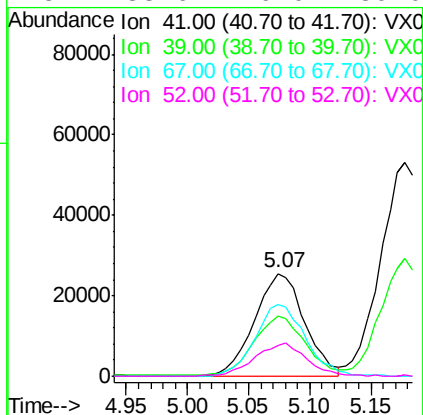
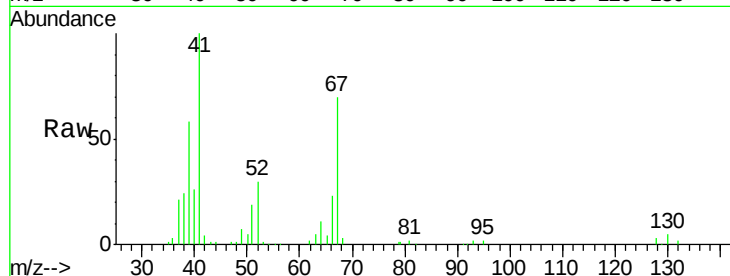




#41
Methacrylonitrile
Concen: 45.63 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000665.D
Acq: 04 Apr 2018 18:44

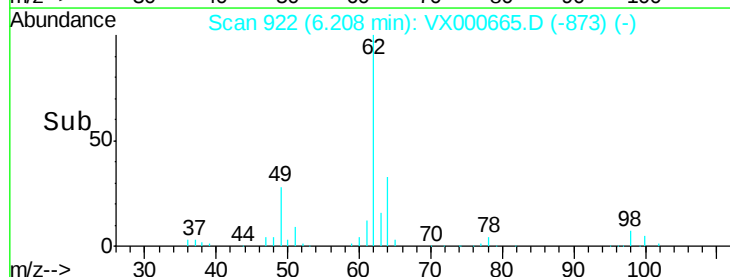
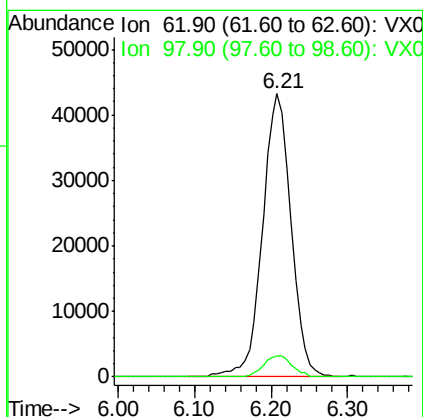
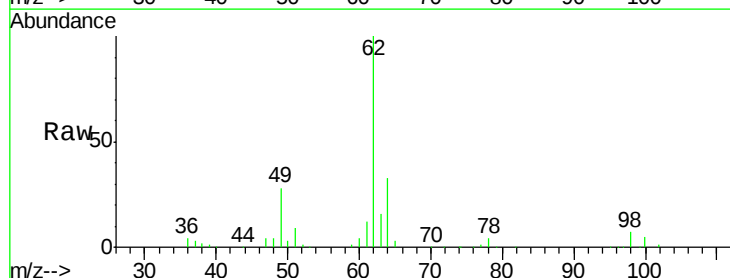
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040418

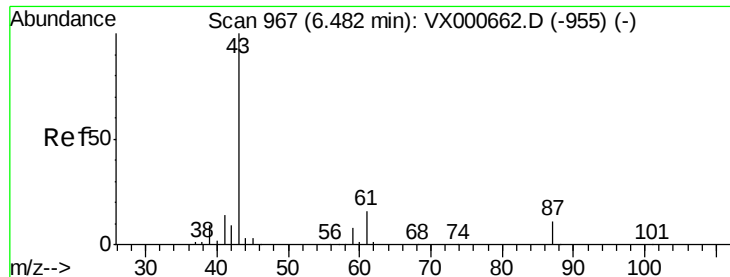
Tgt Ion:	41	Resp:	72566
Ion	Ratio	Lower	Upper
41	100		
39	59.9	46.2	69.4
67	70.9	52.4	78.6
52	33.6	26.0	39.0



#42
1,2-Dichloroethane
Concen: 49.36 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000665.D
Acq: 04 Apr 2018 18:44

Tgt Ion:	62	Resp:	112455
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	16.2





#43

Isopropyl Acetate

Concen: 50.16 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040418

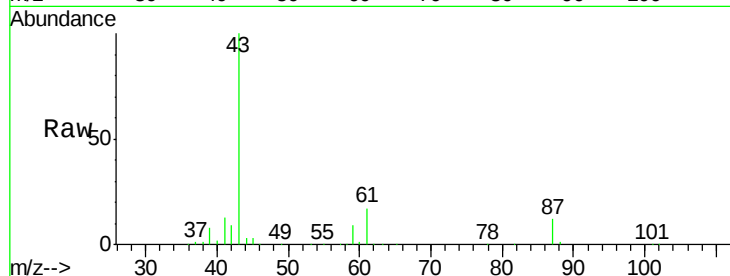
Tgt Ion: 43 Resp: 211103

Ion Ratio Lower Upper

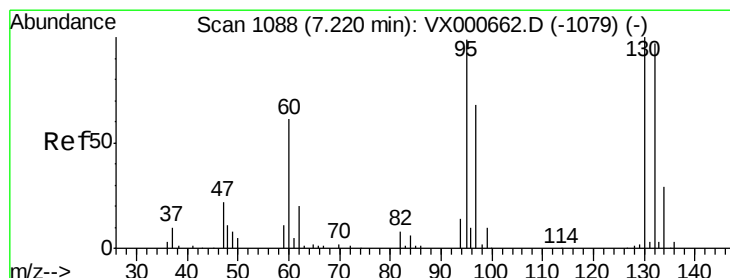
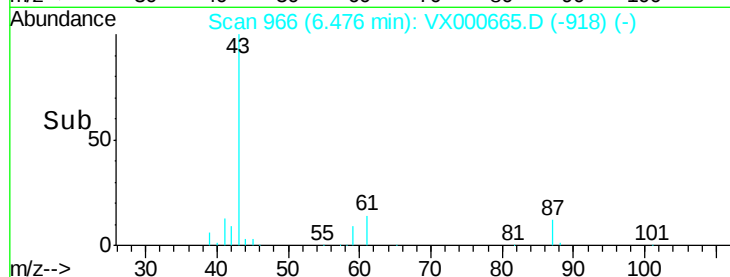
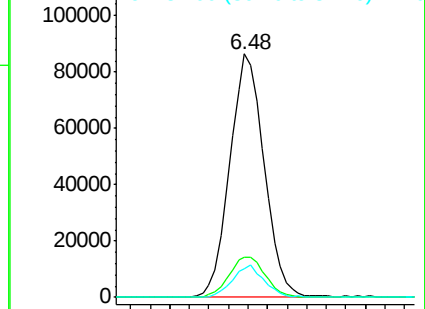
43 100

61 17.5 13.4 20.2

87 12.2 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 46.39 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX000665.D

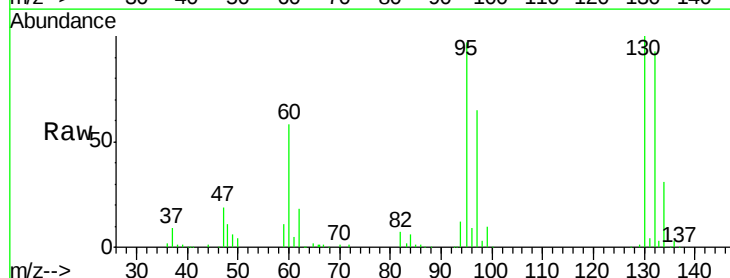
Acq: 04 Apr 2018 18:44

Tgt Ion: 130 Resp: 69821

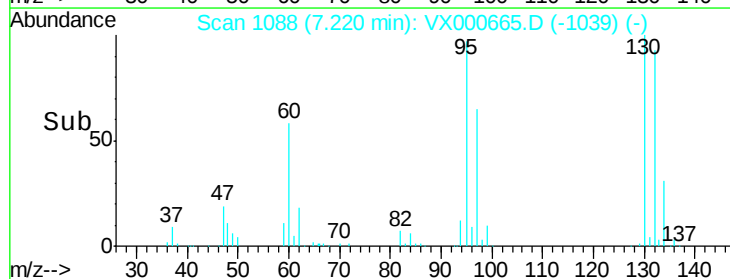
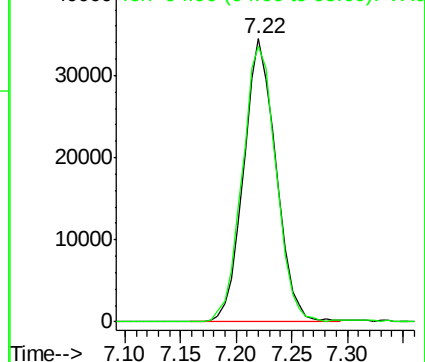
Ion Ratio Lower Upper

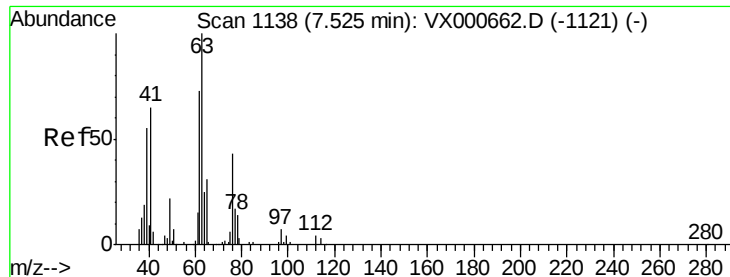
130 100

95 97.4 0.0 198.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 47.67 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

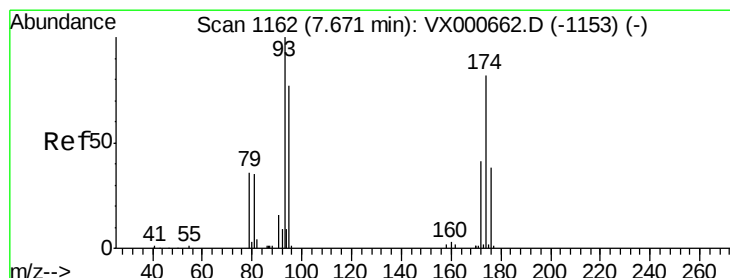
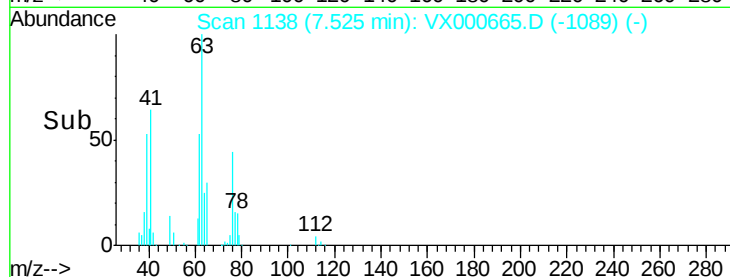
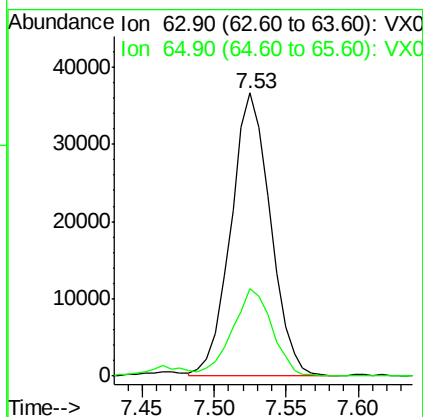
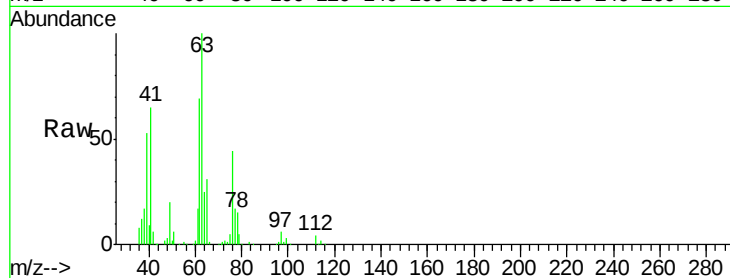
ICVVX040418

Tgt Ion: 63 Resp: 70026

Ion Ratio Lower Upper

63 100

65 30.9 24.8 37.2



#46

Dibromomethane

Concen: 48.99 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

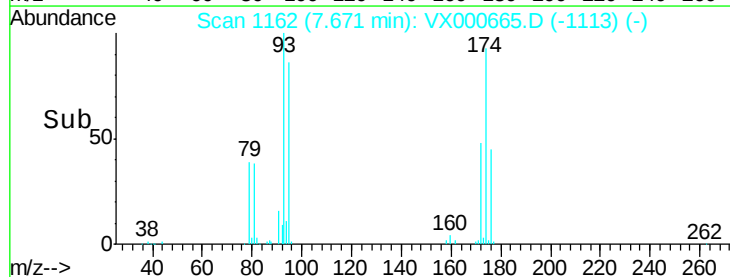
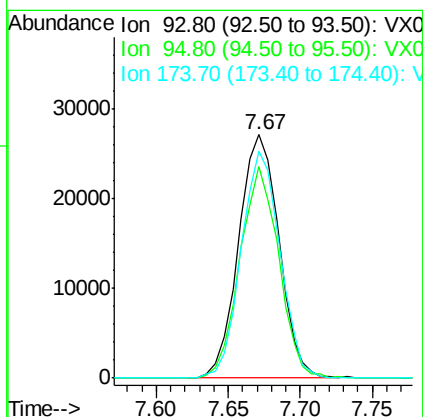
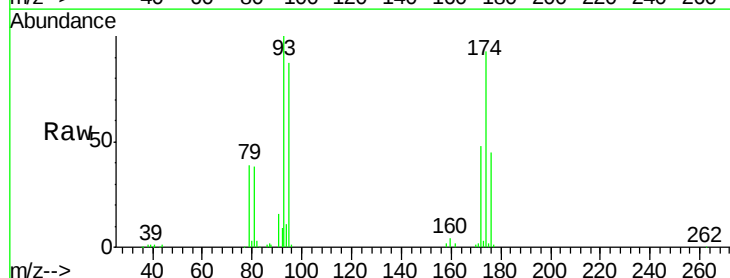
Tgt Ion: 93 Resp: 52800

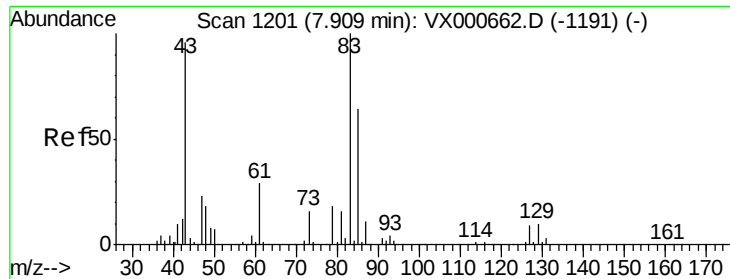
Ion Ratio Lower Upper

93 100

95 83.5 65.3 97.9

174 89.6 70.2 105.4





#47

Bromodichloromethane

Concen: 50.43 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040418

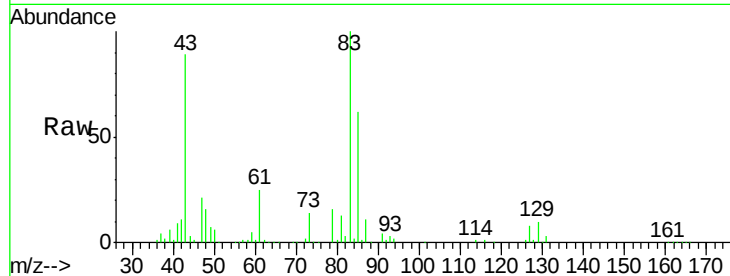
Tgt Ion: 83 Resp: 103383

Ion Ratio Lower Upper

83 100

85 62.4 51.4 77.0

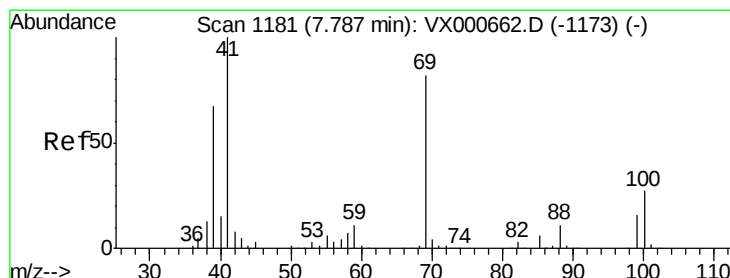
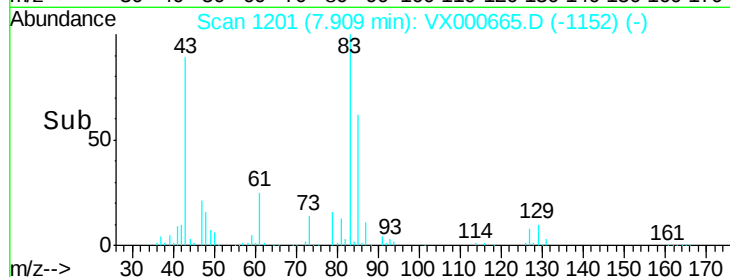
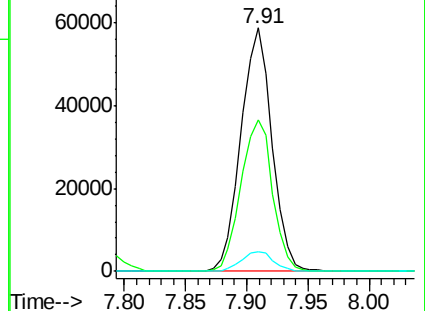
127 7.8 7.3 10.9



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: 48.53 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

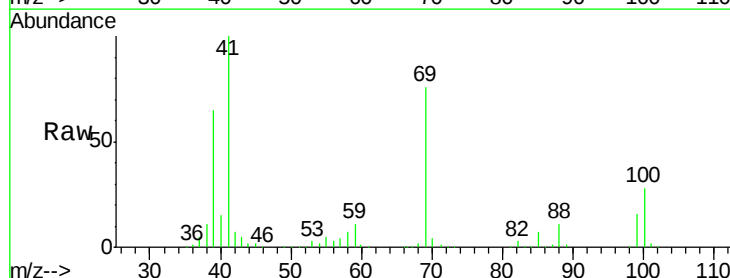
Tgt Ion: 41 Resp: 104698

Ion Ratio Lower Upper

41 100

69 80.8 64.3 96.5

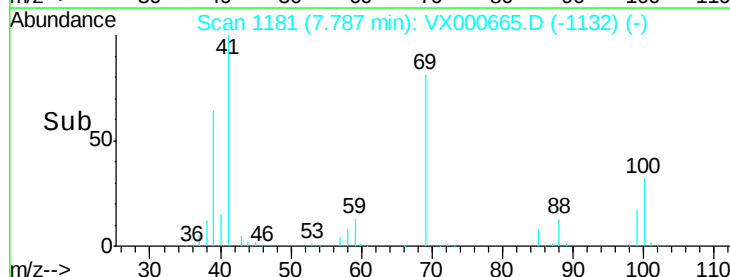
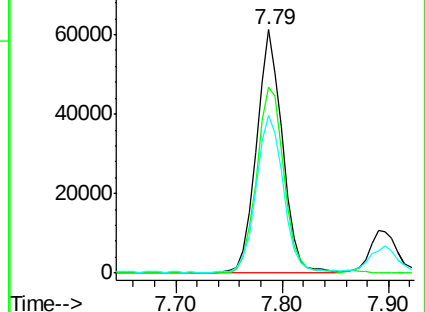
39 67.4 57.0 85.4

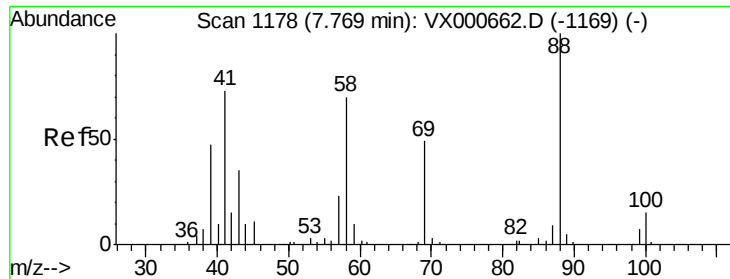


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

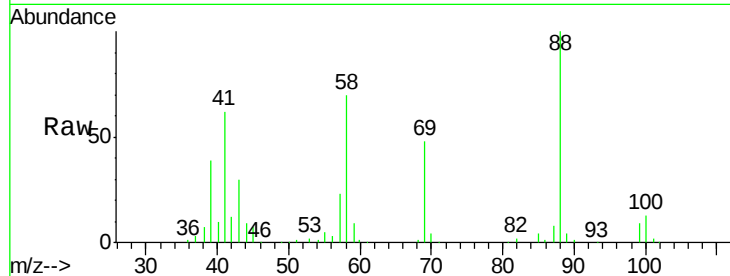




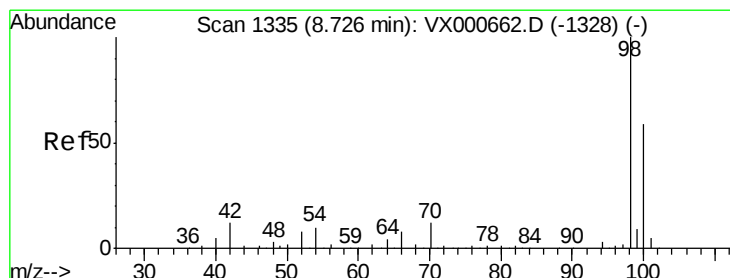
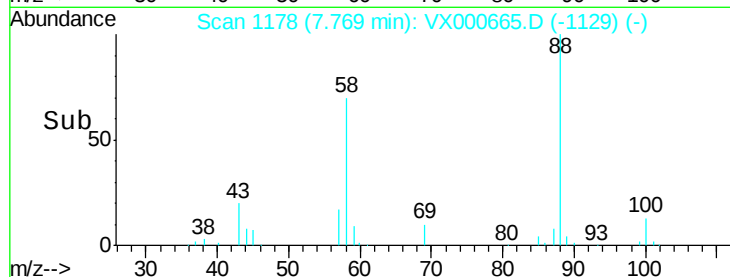
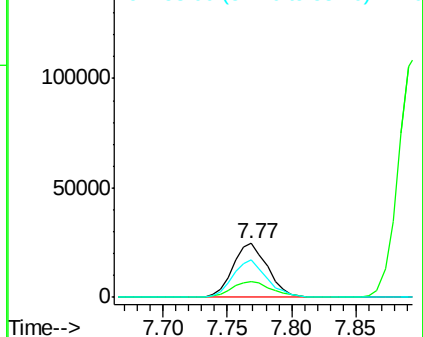
#49
1,4-Dioxane
Concen: 1012.78 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000665.D
Acq: 04 Apr 2018 18:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040418

Tgt Ion: 88 Resp: 46308
Ion Ratio Lower Upper
88 100
43 34.8 29.4 44.0
58 68.3 53.4 80.0

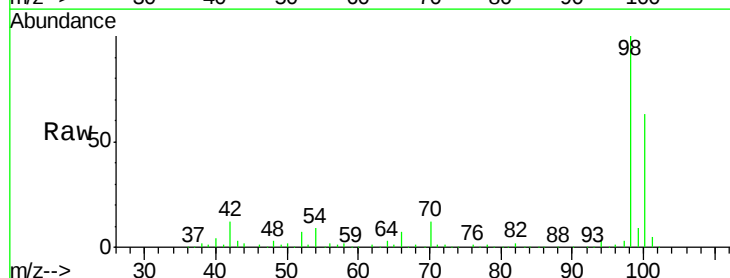


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

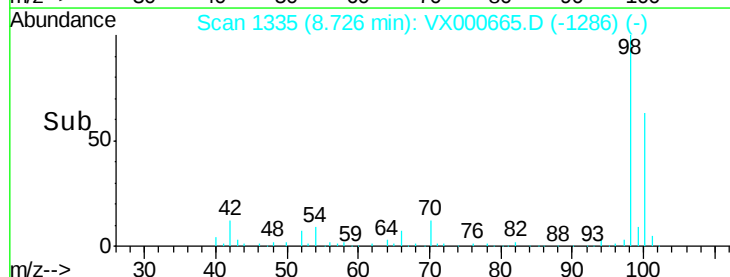
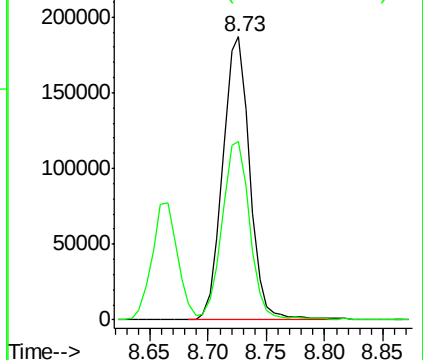


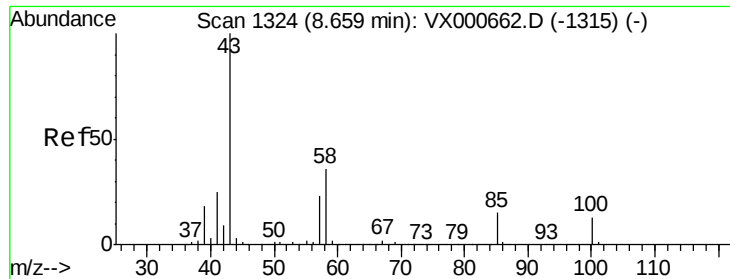
#50
Toluene-d8
Concen: 50.22 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000665.D
Acq: 04 Apr 2018 18:44

Tgt Ion: 98 Resp: 299791
Ion Ratio Lower Upper
98 100
100 64.3 51.0 76.6



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

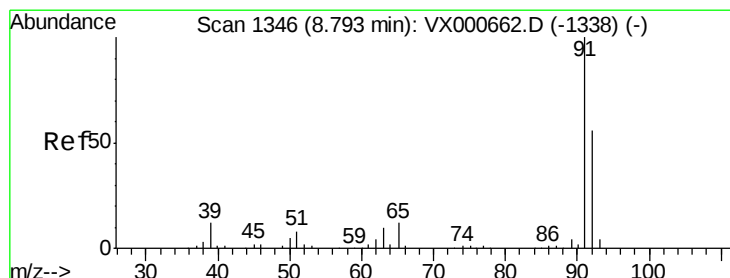
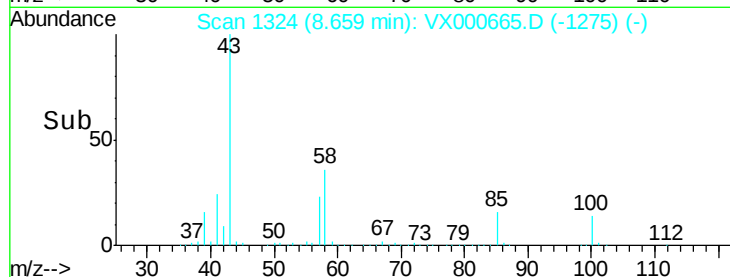
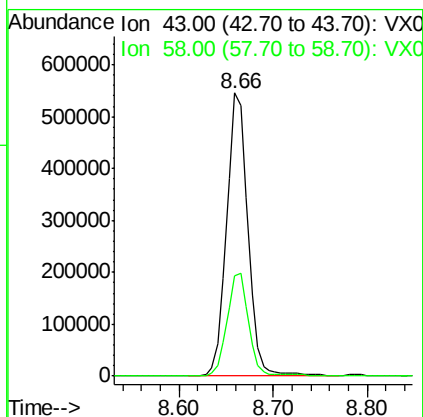
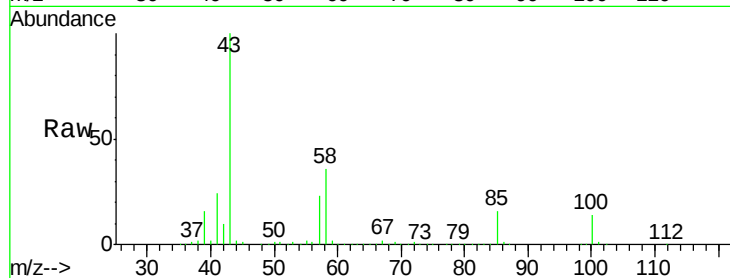




#51
 4-Methyl-2-Pentanone
 Concen: 251.52 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX000665.D
 Acq: 04 Apr 2018 18:44

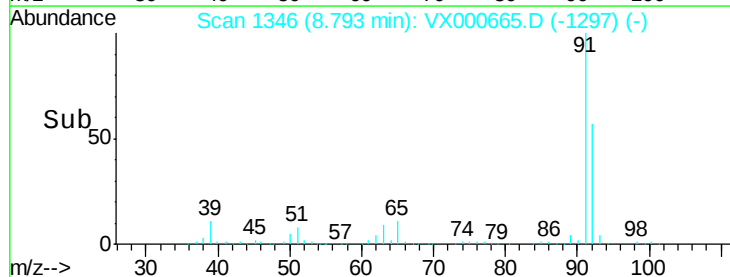
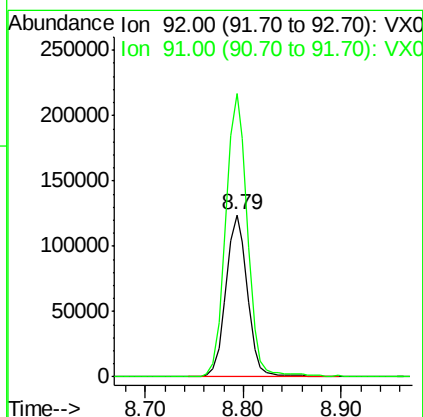
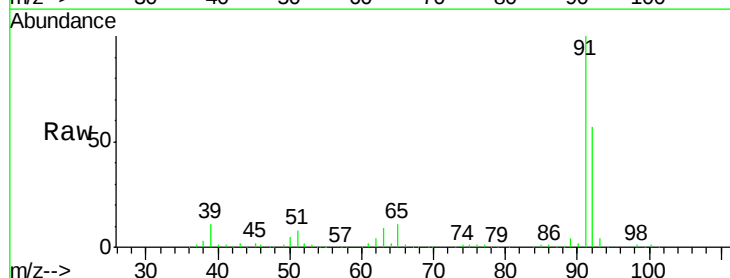
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040418

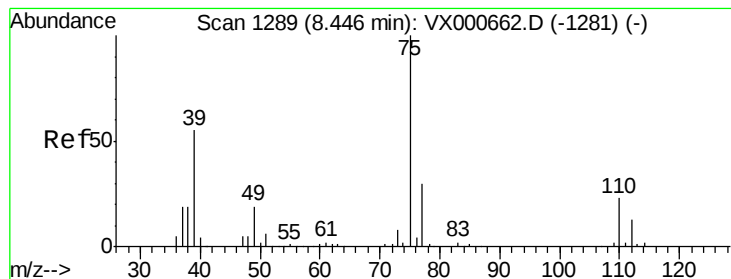
Tgt Ion: 43 Resp: 861051
 Ion Ratio Lower Upper
 43 100
 58 36.0 28.2 42.2



#52
 Toluene
 Concen: 49.31 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX000665.D
 Acq: 04 Apr 2018 18:44

Tgt Ion: 92 Resp: 189814
 Ion Ratio Lower Upper
 92 100
 91 177.1 141.7 212.5





#53

t-1,3-Dichloropropene

Concen: 52.91 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

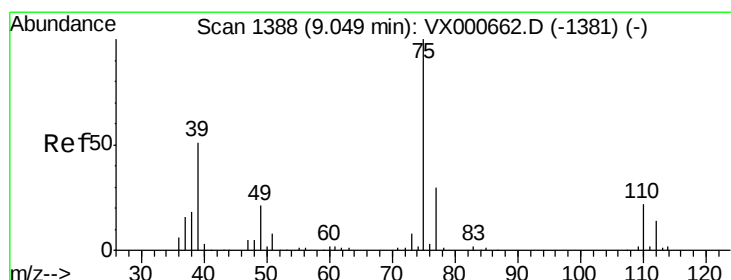
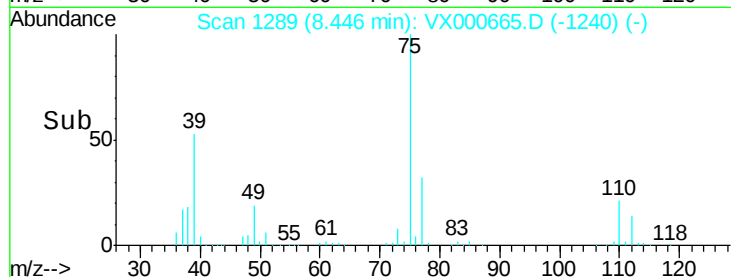
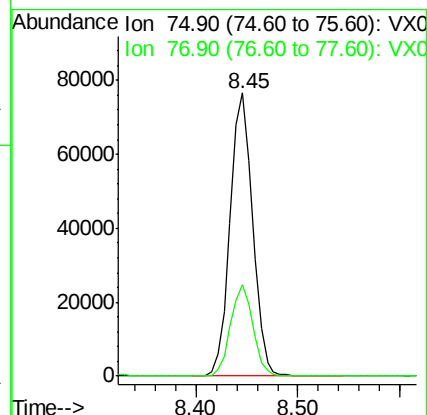
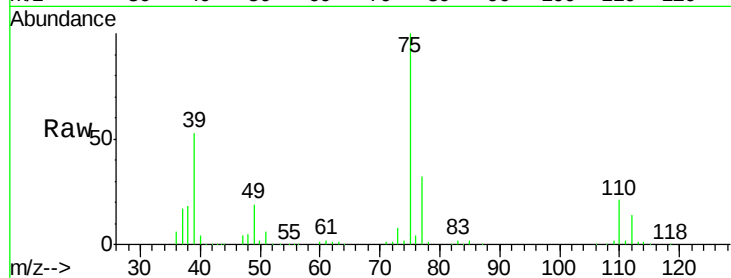
ICVVX040418

Tgt Ion: 75 Resp: 117240

Ion Ratio Lower Upper

75 100

77 32.5 23.8 35.6



#54

cis-1,3-Dichloropropene

Concen: 46.55 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

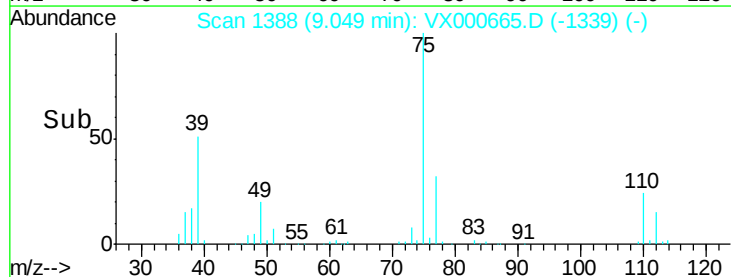
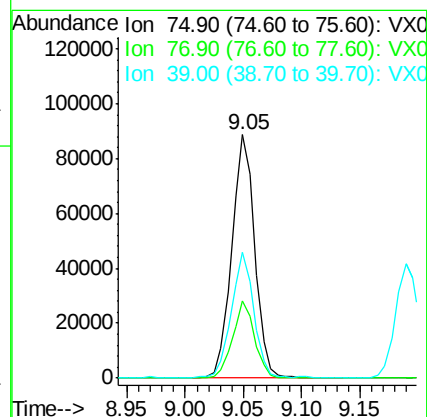
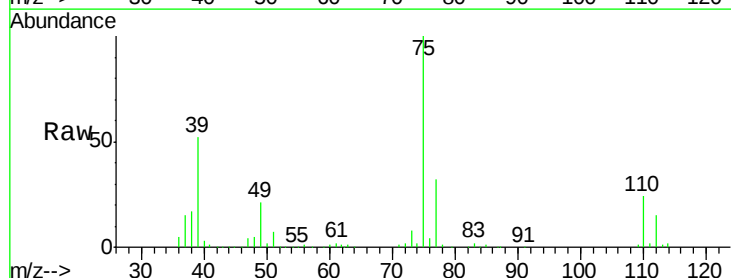
Tgt Ion: 75 Resp: 121241

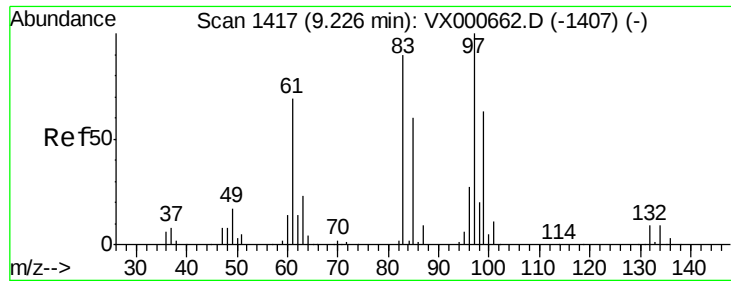
Ion Ratio Lower Upper

75 100

77 32.0 24.1 36.1

39 51.4 40.7 61.1

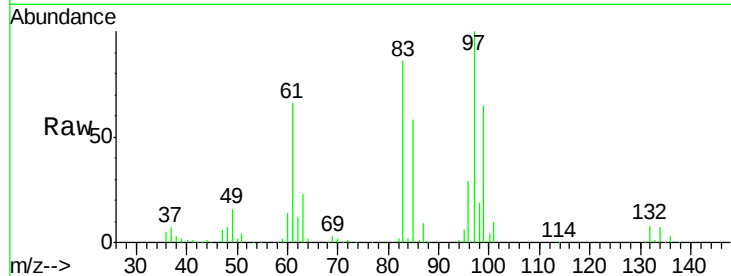




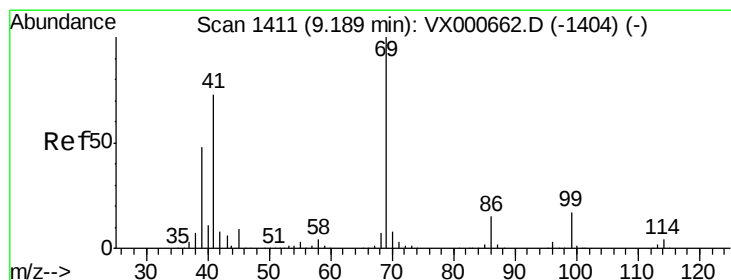
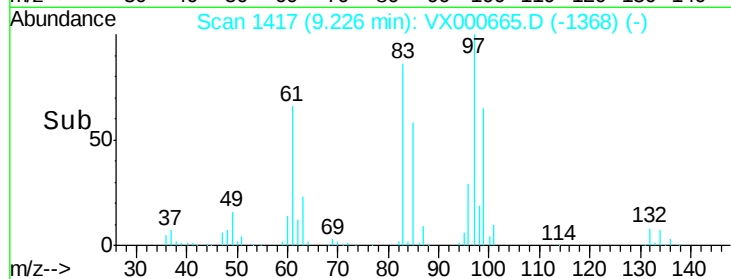
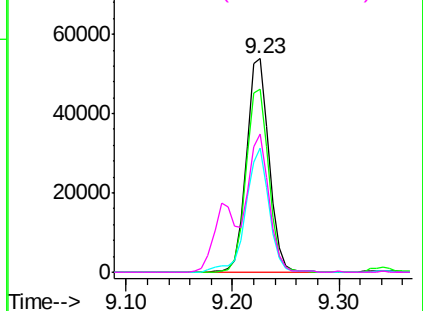
#55
 1,1,2-Trichloroethane
 Concen: 50.08 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000665.D
 Acq: 04 Apr 2018 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040418

Tgt Ion:	97	Resp:	80365
Ion	Ratio	Lower	Upper
97	100		
83	85.9	72.1	108.1
85	58.4	48.3	72.5
99	64.5	51.0	76.6

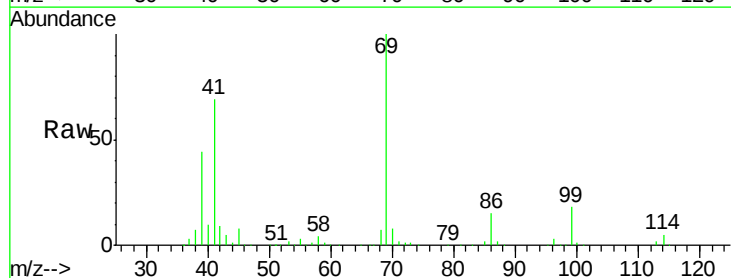


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

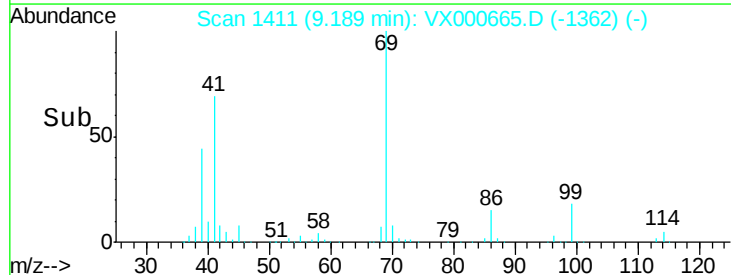
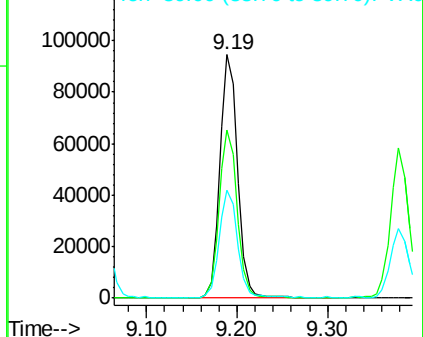


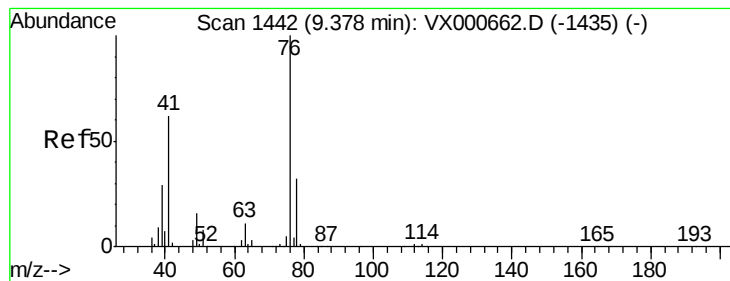
#56
 Ethyl methacrylate
 Concen: 44.95 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000665.D
 Acq: 04 Apr 2018 18:44

Tgt Ion:	69	Resp:	129315
Ion	Ratio	Lower	Upper
69	100		
41	70.8	56.5	84.7
39	45.9	39.8	59.8



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: 50.53 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

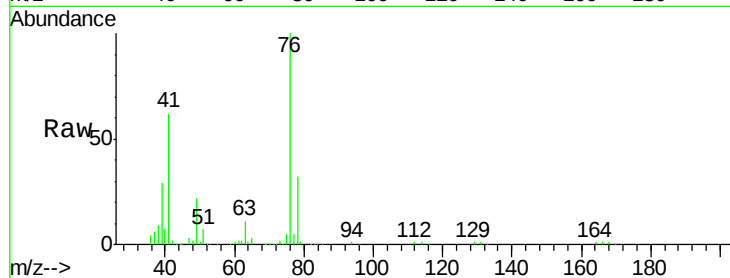
ICVVX040418

Tgt Ion: 76 Resp: 132812

Ion Ratio Lower Upper

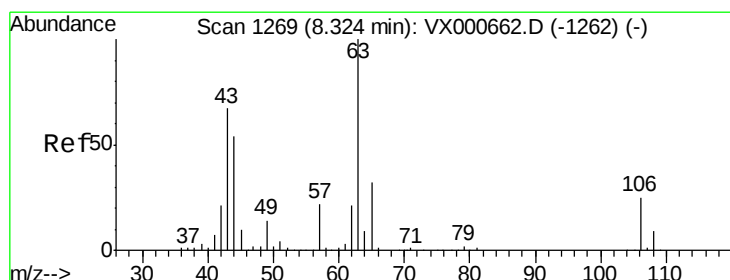
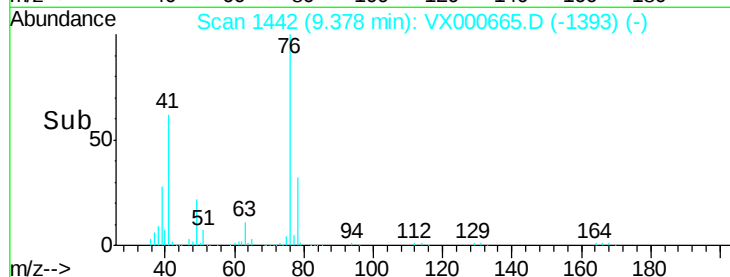
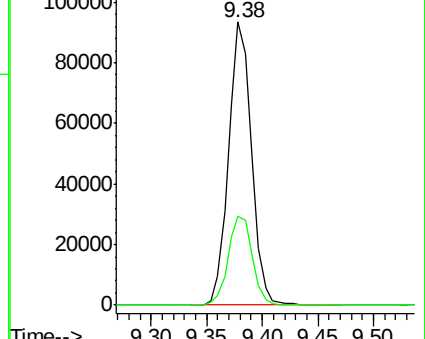
76 100

78 33.1 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 255.34 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX000665.D

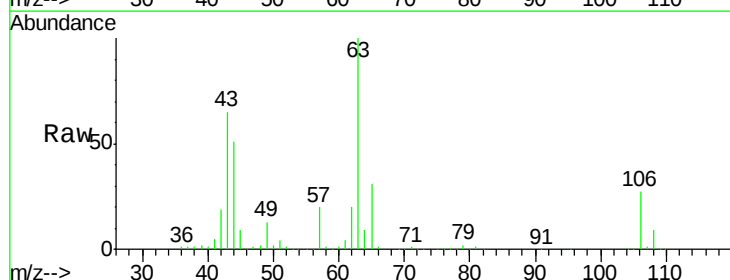
Acq: 04 Apr 2018 18:44

Tgt Ion: 63 Resp: 316212

Ion Ratio Lower Upper

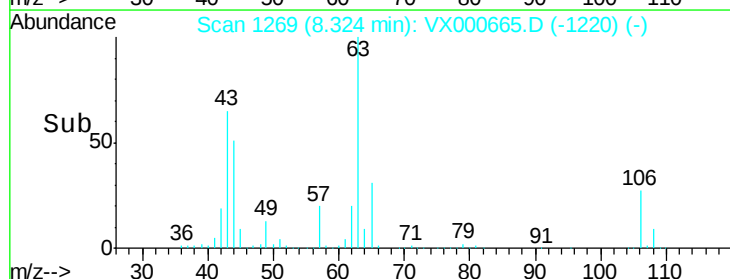
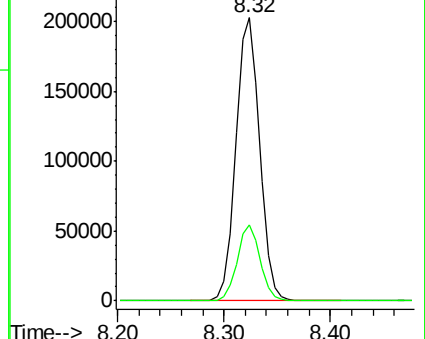
63 100

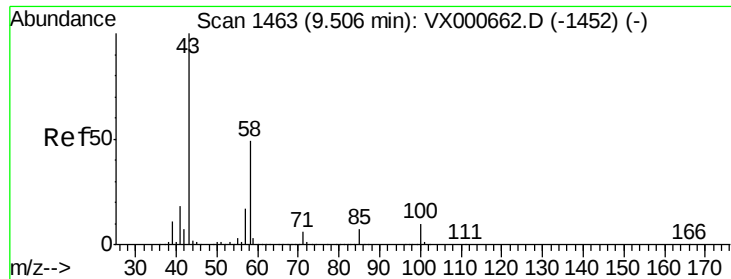
106 25.9 20.5 30.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

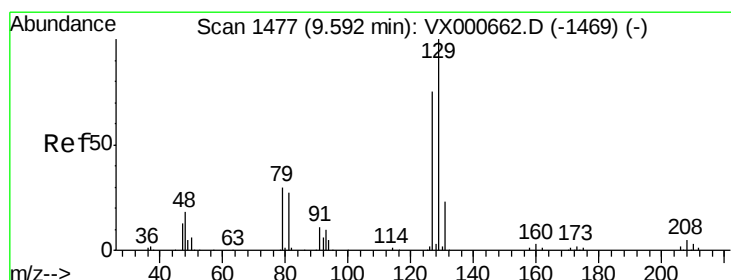
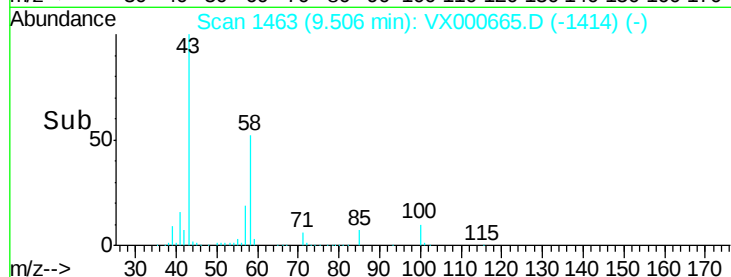
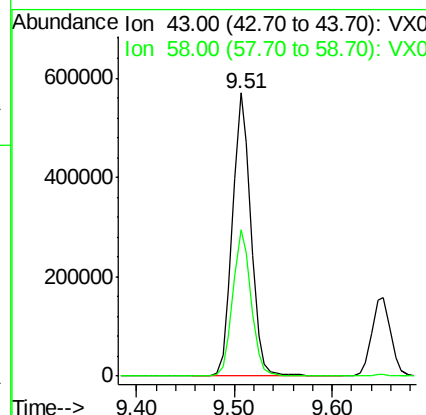
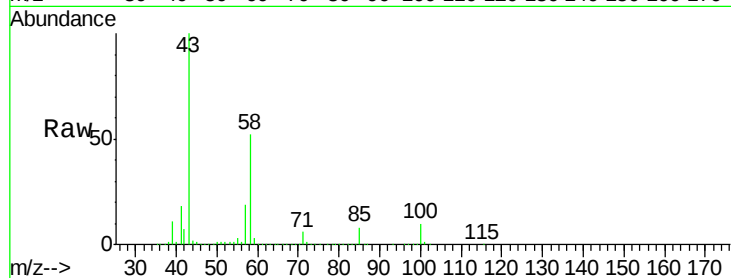




#59
2-Hexanone
Concen: 257.23 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000665.D
Acq: 04 Apr 2018 18:44

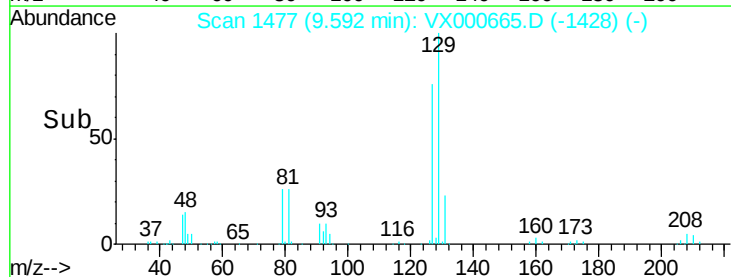
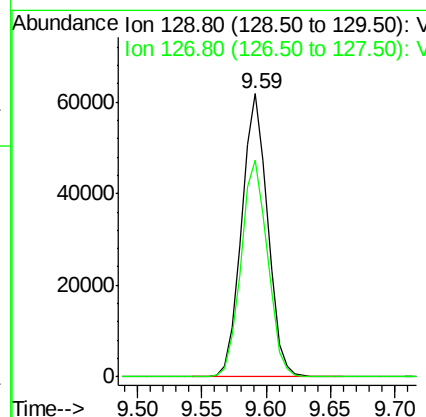
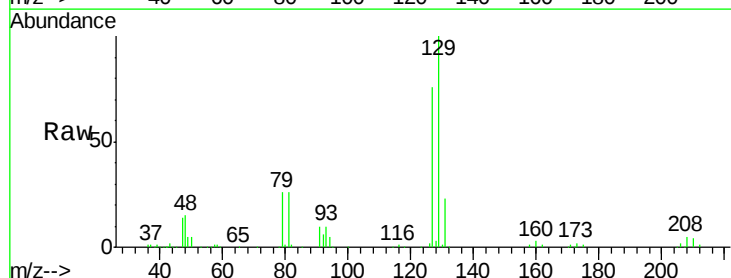
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040418

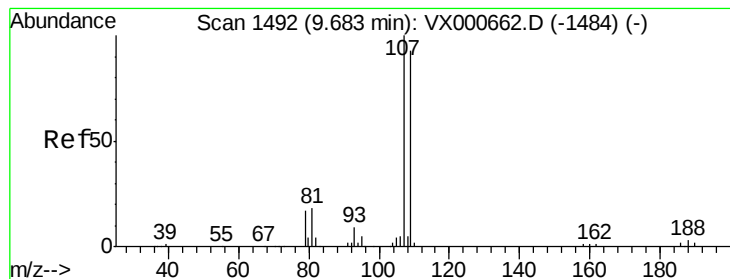
Tgt Ion: 43 Resp: 748872
Ion Ratio Lower Upper
43 100
58 51.5 24.8 74.3



#60
Dibromochloromethane
Concen: 44.11 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000665.D
Acq: 04 Apr 2018 18:44

Tgt Ion: 129 Resp: 86312
Ion Ratio Lower Upper
129 100
127 78.0 38.7 116.1





#61

1,2-Dibromoethane

Concen: 52.43 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

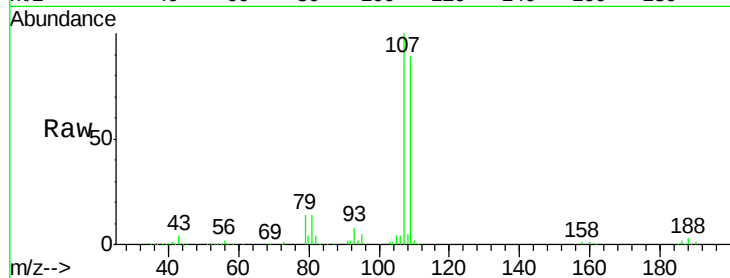
ICVXX040418

Tgt Ion: 107 Resp: 90731

Ion Ratio Lower Upper

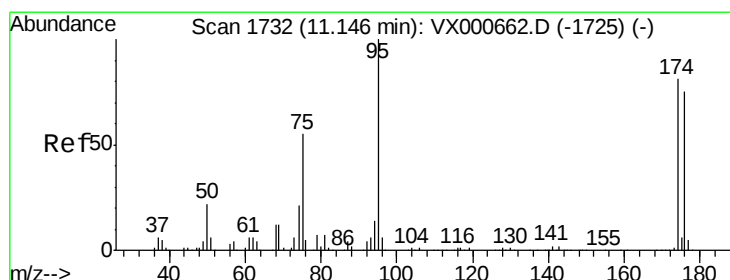
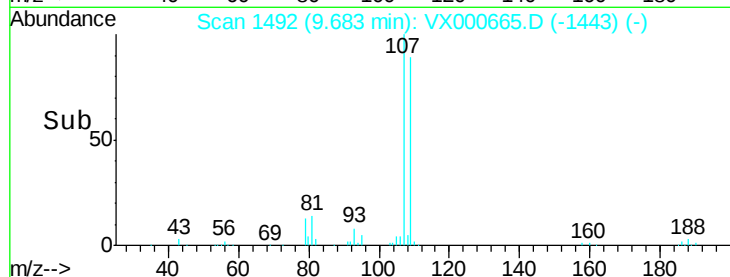
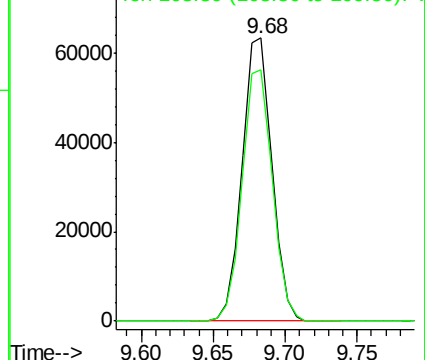
107 100

109 90.4 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.69 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

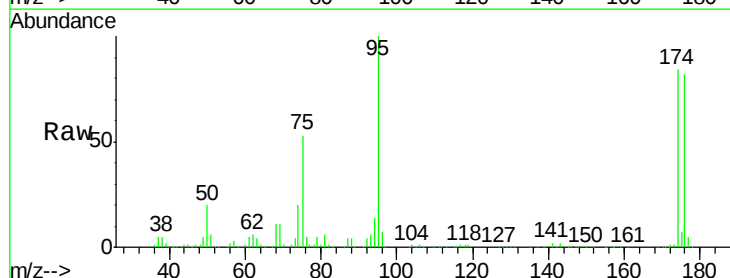
Tgt Ion: 95 Resp: 124490

Ion Ratio Lower Upper

95 100

174 79.2 0.0 156.8

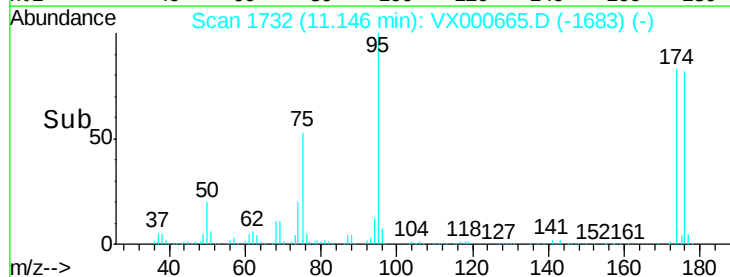
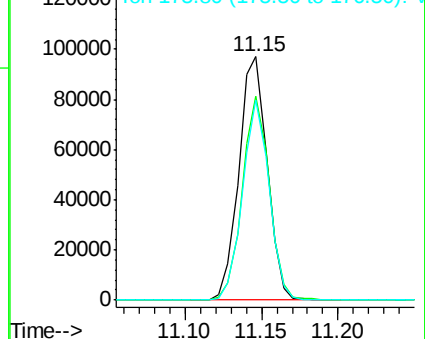
176 76.8 0.0 150.6

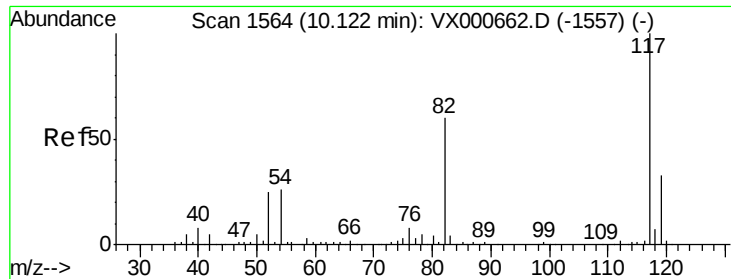


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

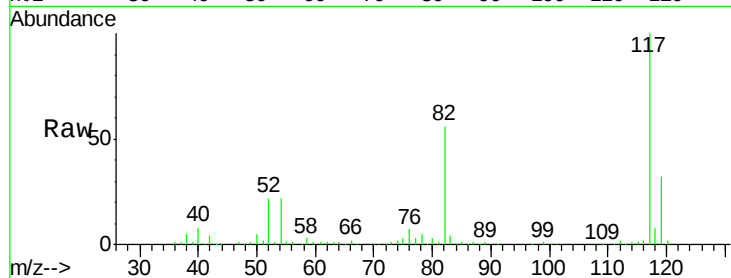




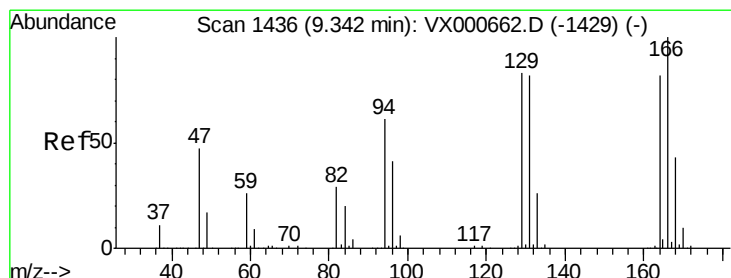
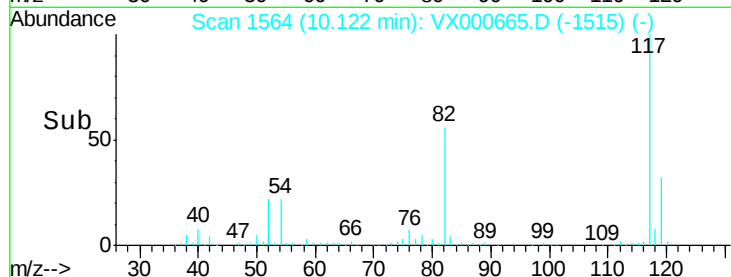
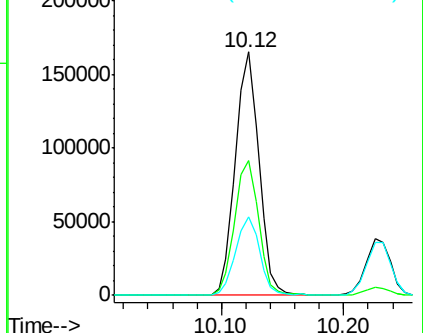
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000665.D
Acq: 04 Apr 2018 18:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040418

Tgt Ion:117 Resp: 221447
Ion Ratio Lower Upper
117 100
82 55.5 48.3 72.5
119 32.0 26.0 39.0



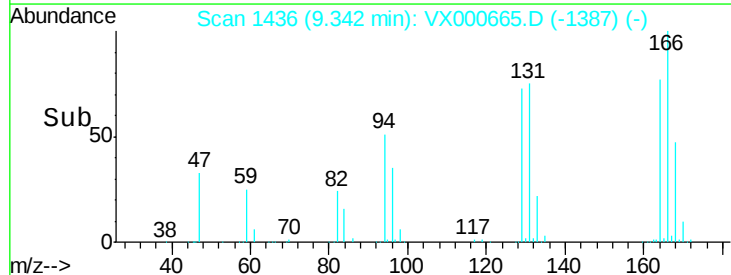
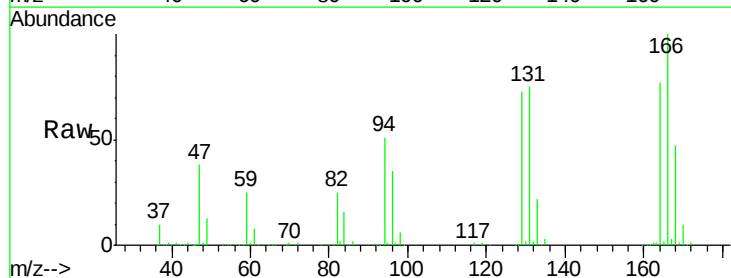
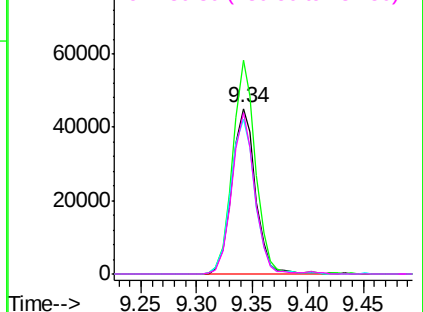
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

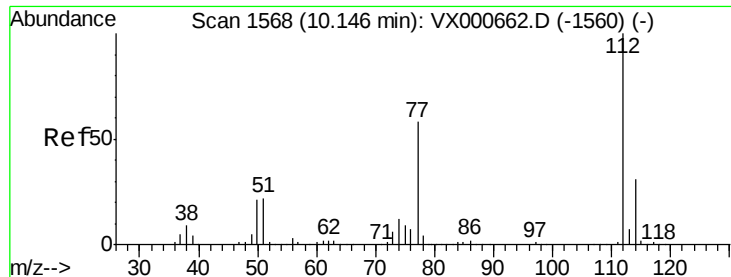


#64
Tetrachloroethene
Concen: 45.86 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000665.D
Acq: 04 Apr 2018 18:44

Tgt Ion:164 Resp: 66142
Ion Ratio Lower Upper
164 100
166 129.3 97.8 146.8
129 93.9 81.3 121.9
131 97.3 80.2 120.2

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

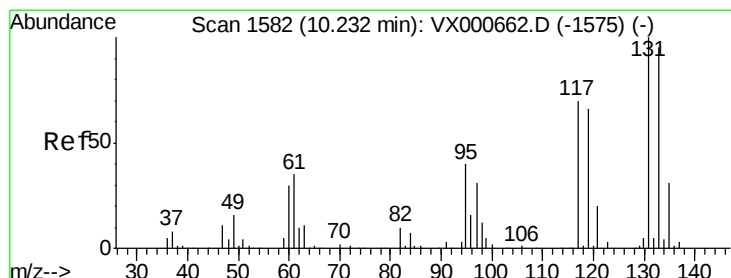
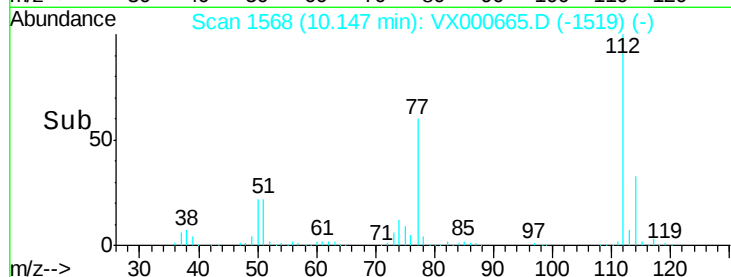
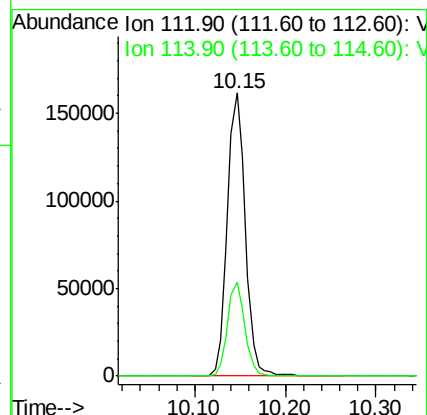
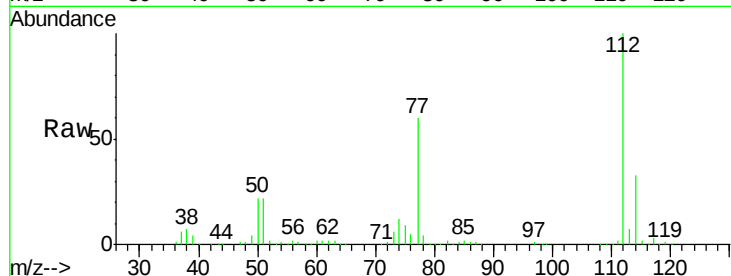




#65
Chlorobenzene
Concen: 49.94 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000665.D
Acq: 04 Apr 2018 18:44

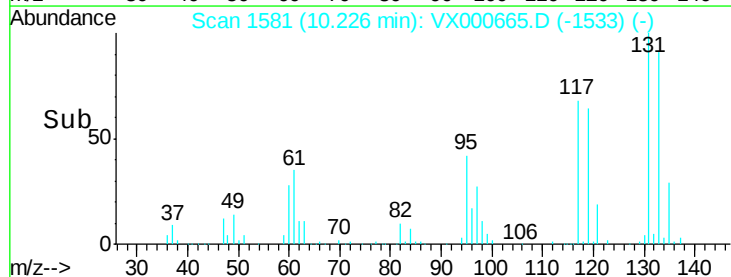
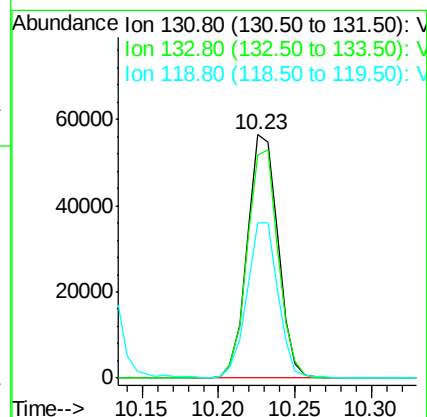
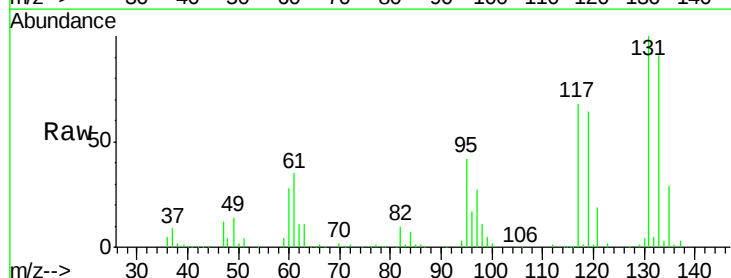
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040418

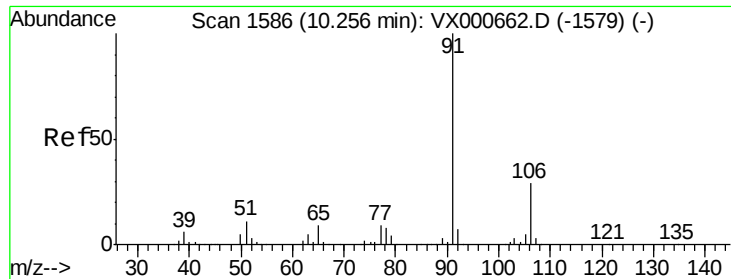
Tgt Ion:112 Resp: 225196
Ion Ratio Lower Upper
112 100
114 33.3 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.33 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000665.D
Acq: 04 Apr 2018 18:44

Tgt Ion:131 Resp: 78928
Ion Ratio Lower Upper
131 100
133 94.1 49.0 147.2
119 64.7 34.9 104.8





#67

Ethyl Benzene

Concen: 49.68 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

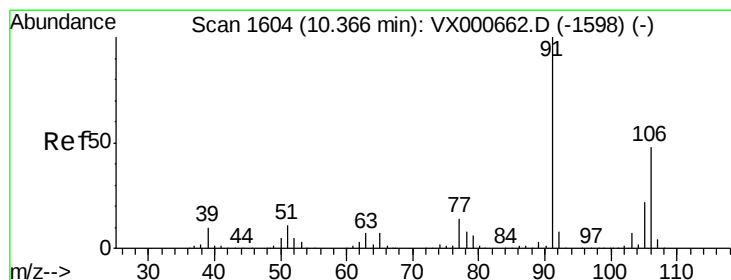
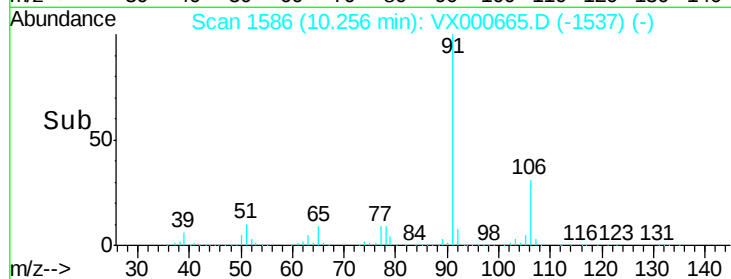
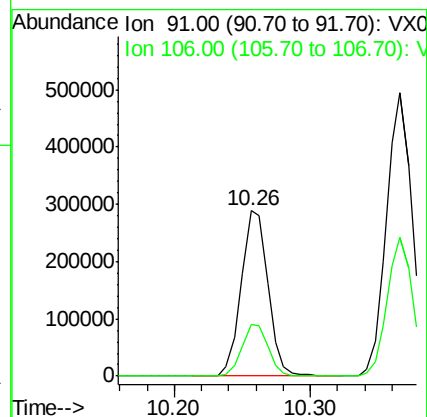
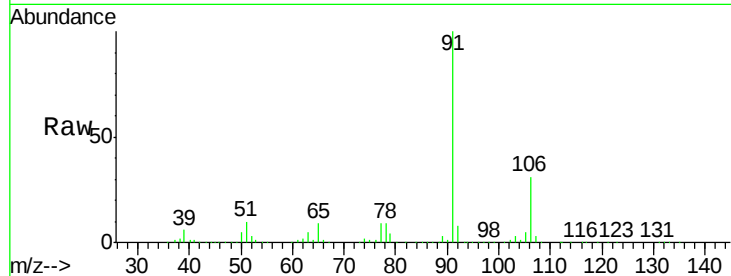
ICVVX040418

Tgt Ion: 91 Resp: 396426

Ion Ratio Lower Upper

91 100

106 31.4 23.4 35.2



#68

m/p-Xylenes

Concen: 105.67 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000665.D

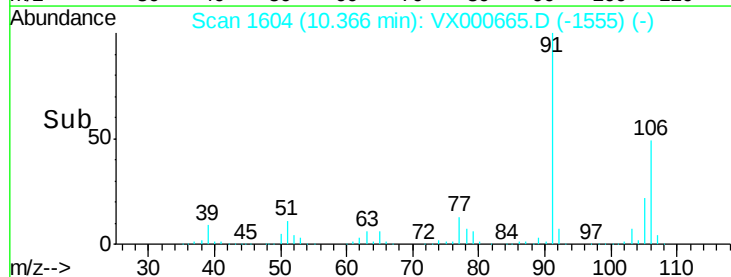
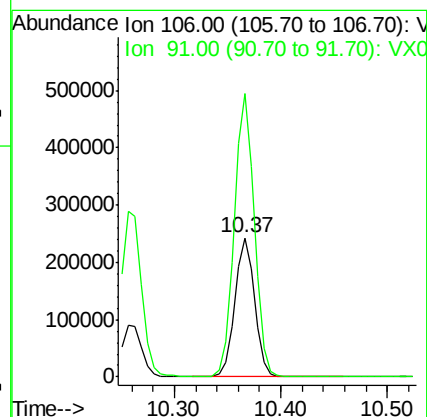
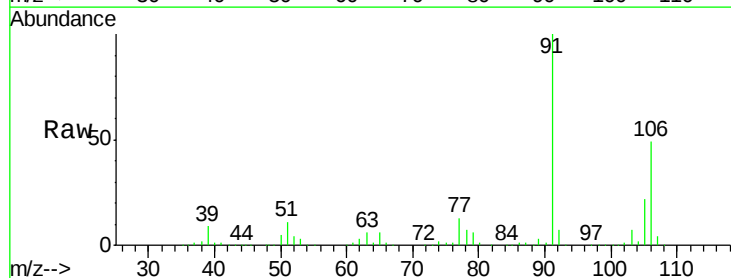
Acq: 04 Apr 2018 18:44

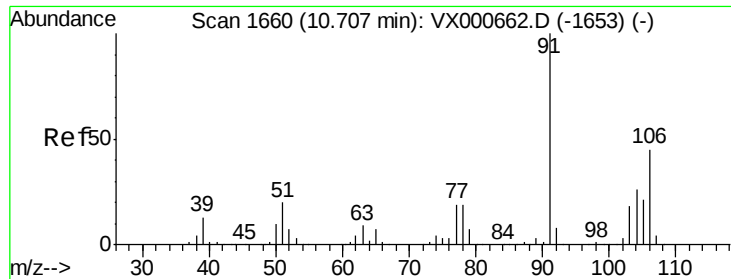
Tgt Ion: 106 Resp: 317786

Ion Ratio Lower Upper

106 100

91 205.6 167.0 250.6

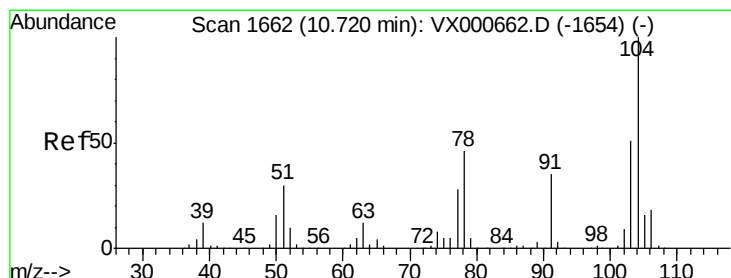
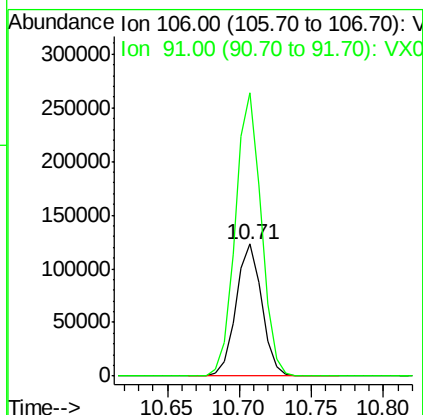
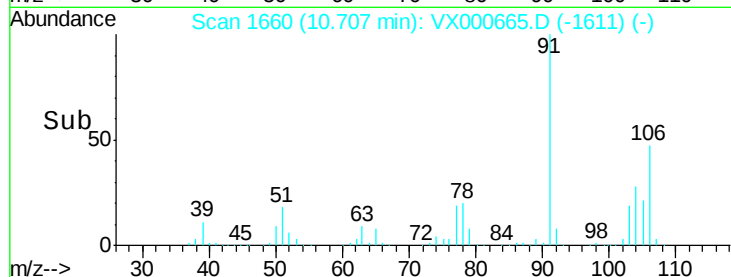
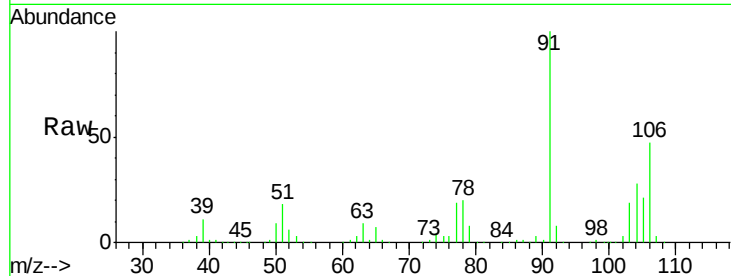




#69
o-Xylene
Concen: 52.05 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000665.D
Acq: 04 Apr 2018 18:44

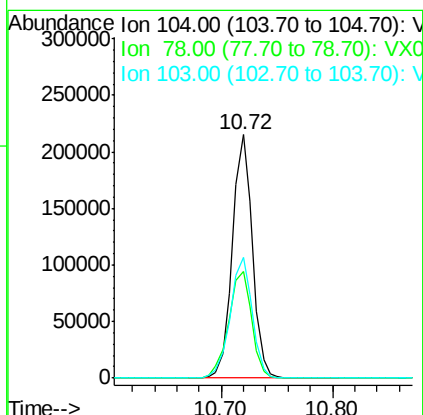
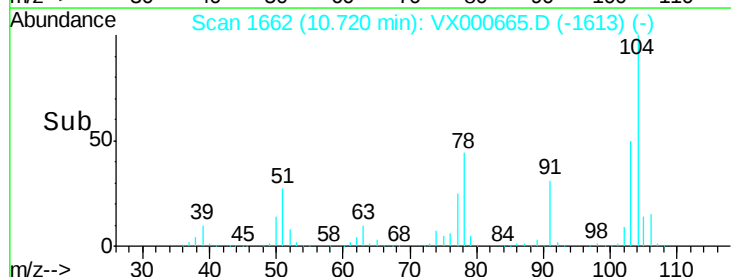
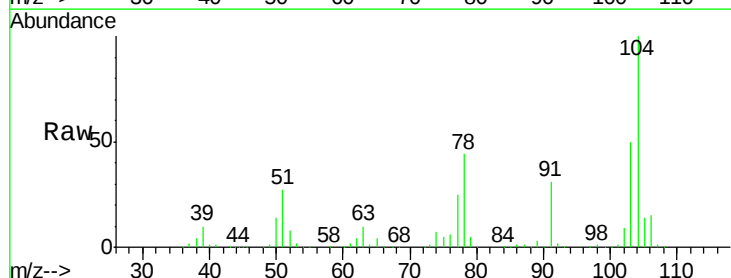
Instrument :
MSVOA_X
ClientSampleId :
ICVVX040418

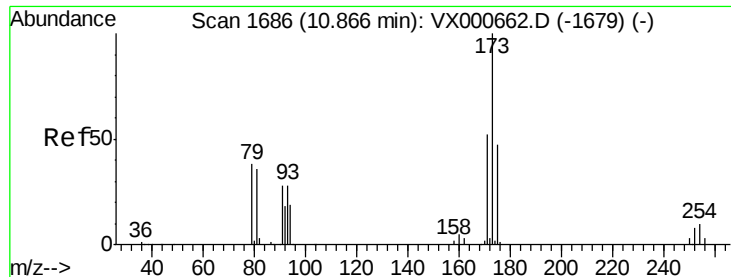
Tgt Ion:106 Resp: 154107
Ion Ratio Lower Upper
106 100
91 215.6 111.6 334.6



#70
Styrene
Concen: 53.39 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000665.D
Acq: 04 Apr 2018 18:44

Tgt Ion:104 Resp: 266564
Ion Ratio Lower Upper
104 100
78 50.9 41.9 62.9
103 54.8 45.3 67.9

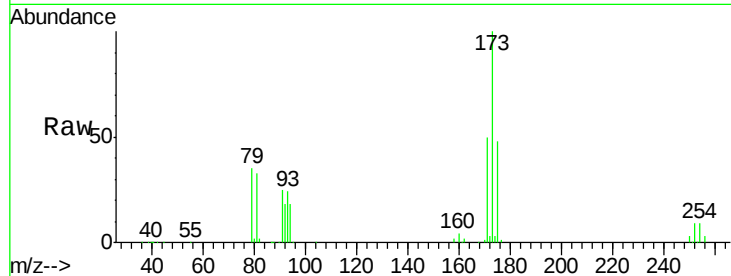




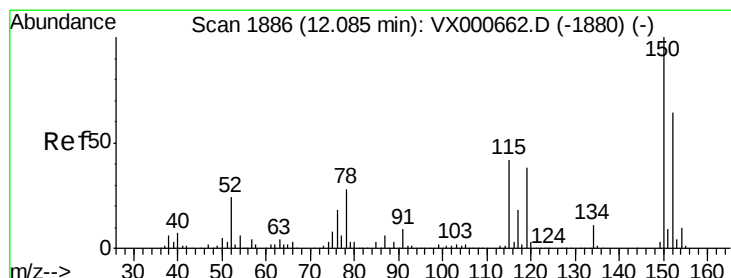
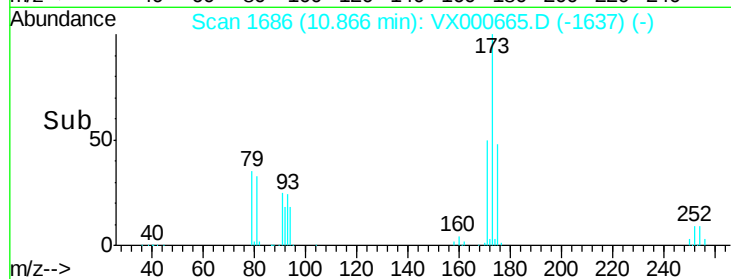
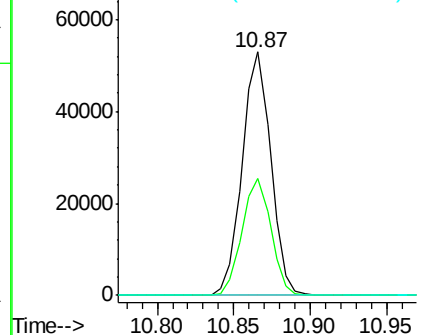
#71
Bromoform
Concen: 43.89 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000665.D
Acq: 04 Apr 2018 18:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040418

Tgt Ion:173 Resp: 68773
Ion Ratio Lower Upper
173 100
175 48.6 24.0 72.0
254 0.0 0.0 0.0

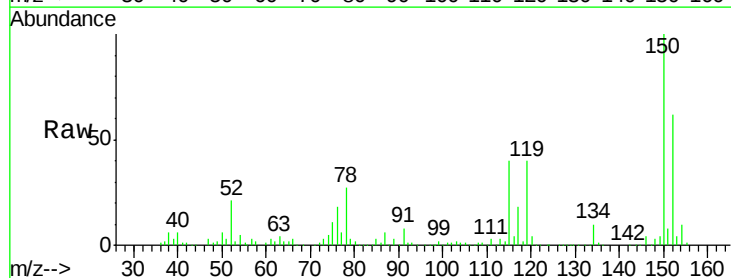


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

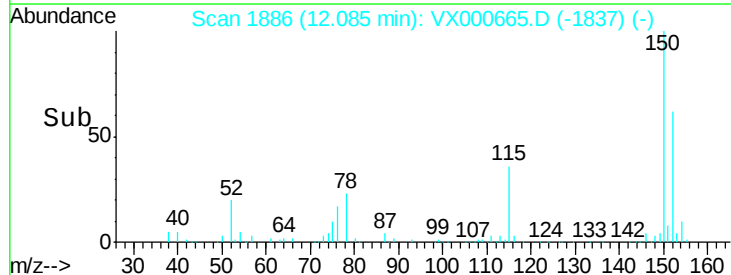
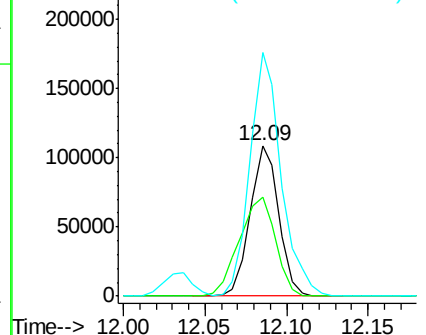


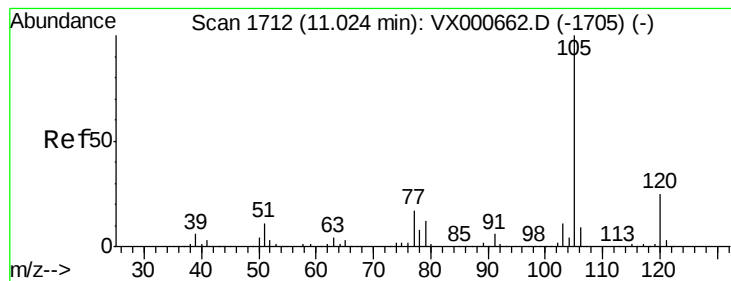
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000665.D
Acq: 04 Apr 2018 18:44

Tgt Ion:152 Resp: 132947
Ion Ratio Lower Upper
152 100
115 83.2 41.9 125.8
150 177.2 0.0 348.0



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: 53.50 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

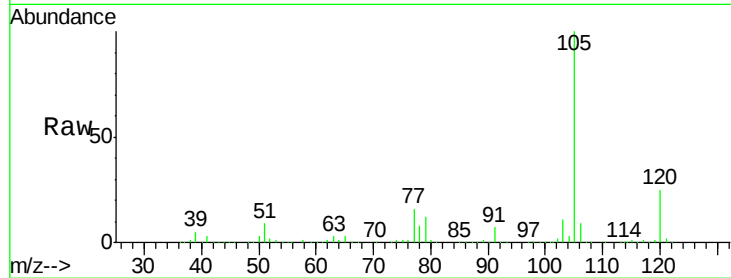
ICVVX040418

Tgt Ion: 105 Resp: 430057

Ion Ratio Lower Upper

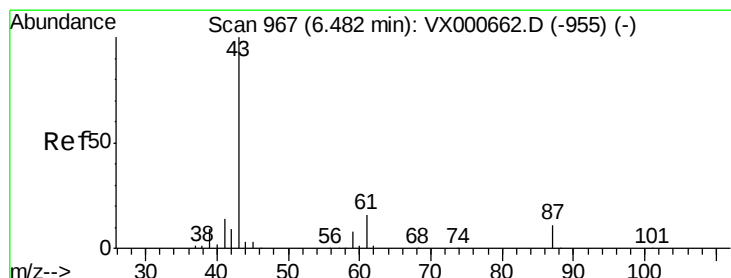
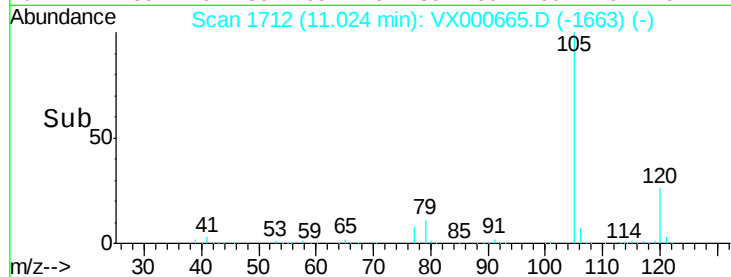
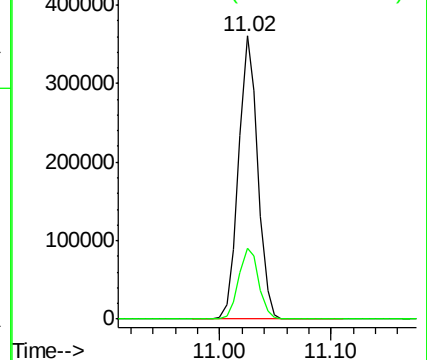
105 100

120 26.1 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.94 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

Tgt Ion: 43 Resp: 211103

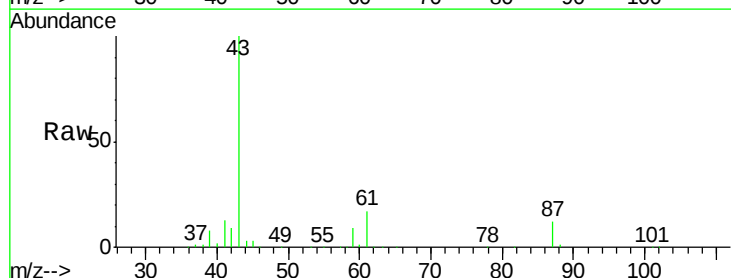
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 17.5 13.4 20.2

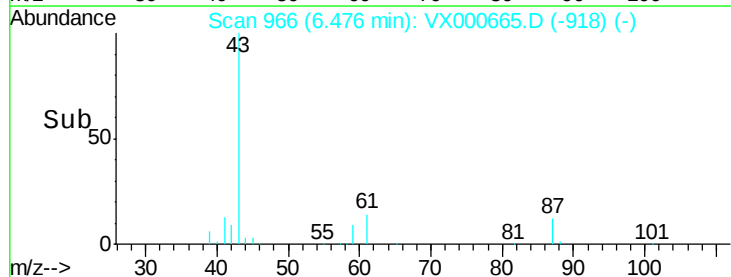
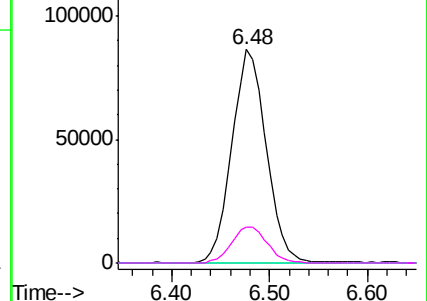


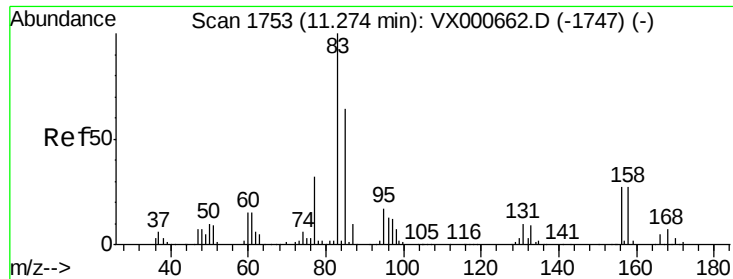
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.74 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040418

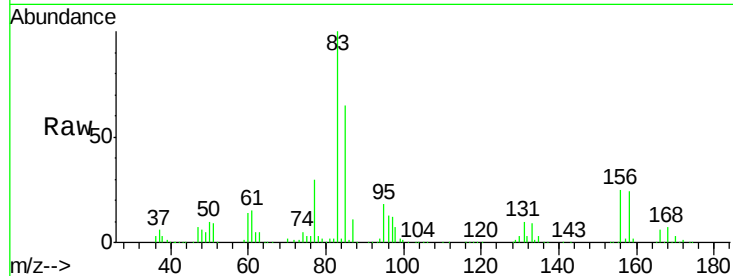
Tgt Ion: 83 Resp: 158253

Ion Ratio Lower Upper

83 100

131 9.9 4.7 14.1

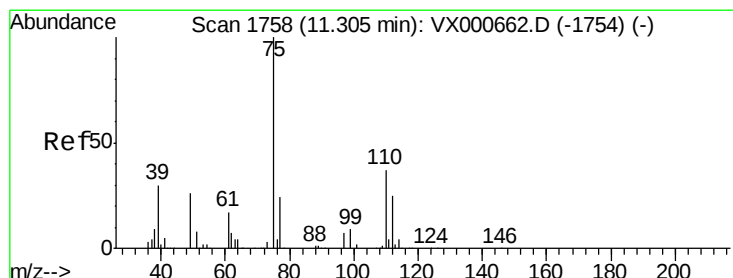
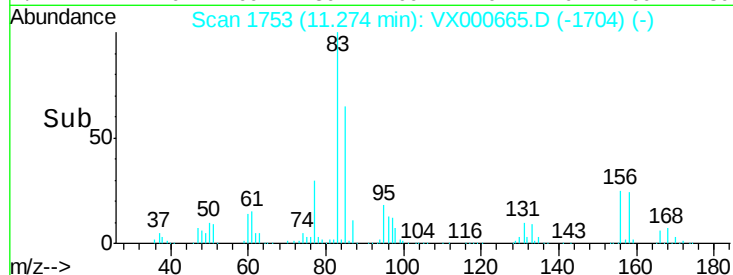
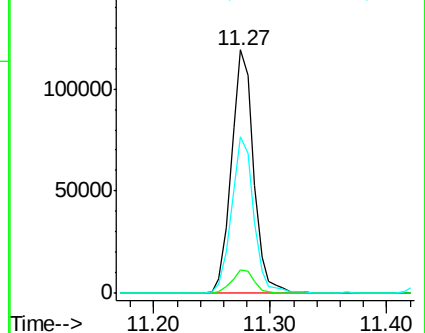
85 64.3 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.51 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000665.D

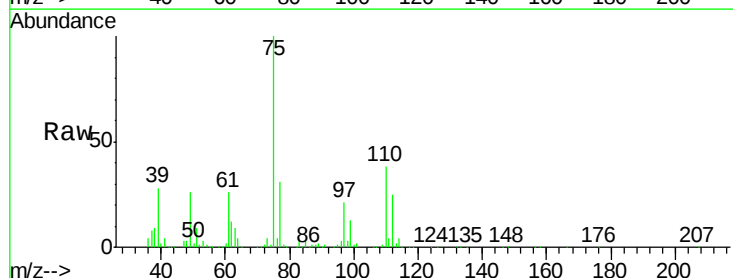
Acq: 04 Apr 2018 18:44

Tgt Ion: 75 Resp: 187052

Ion Ratio Lower Upper

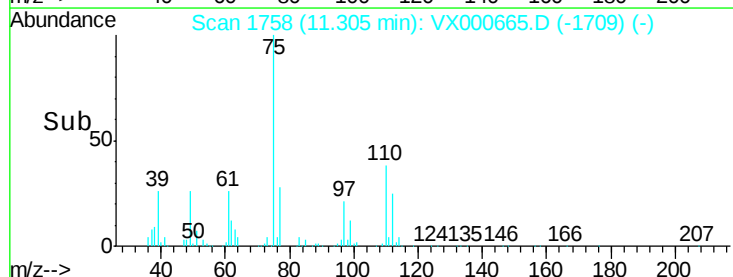
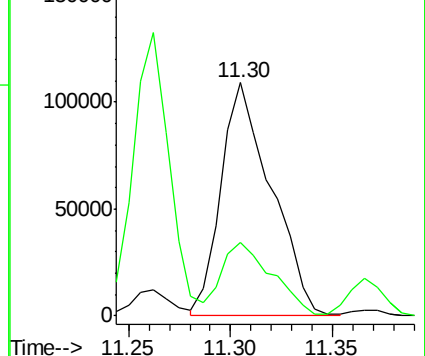
75 100

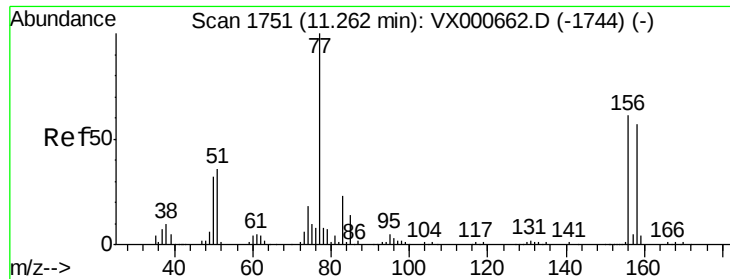
77 31.8 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.71 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040418

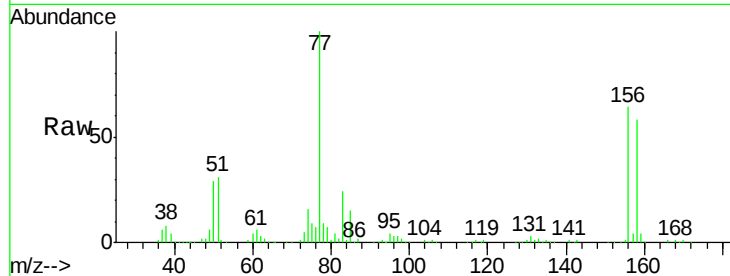
Tgt Ion:156 Resp: 103904

Ion Ratio Lower Upper

156 100

77 159.0 82.3 246.9

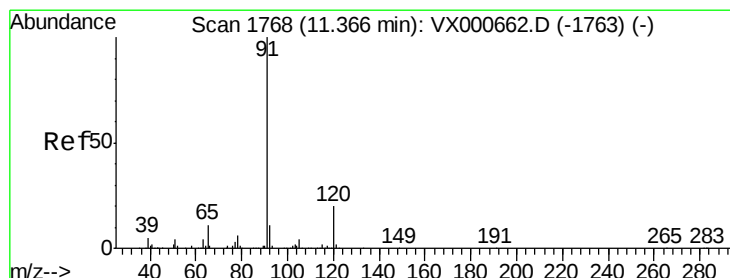
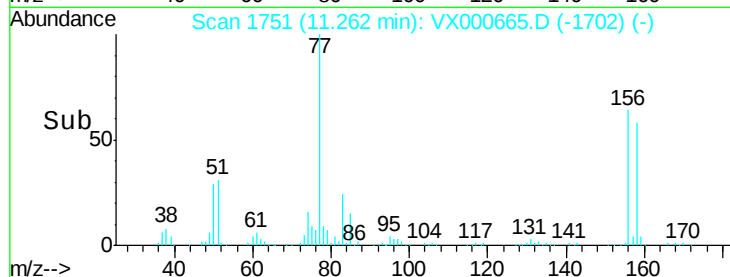
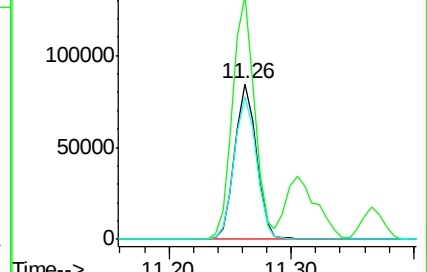
158 94.2 46.9 140.7



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: 51.62 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000665.D

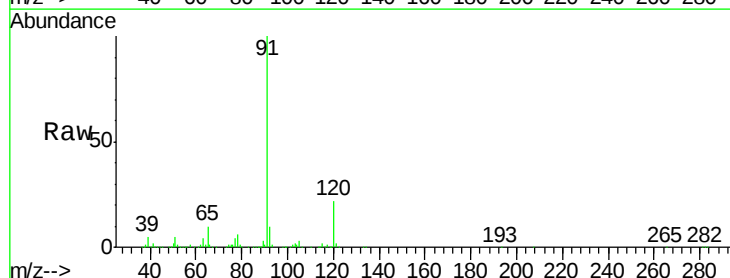
Acq: 04 Apr 2018 18:44

Tgt Ion: 91 Resp: 505935

Ion Ratio Lower Upper

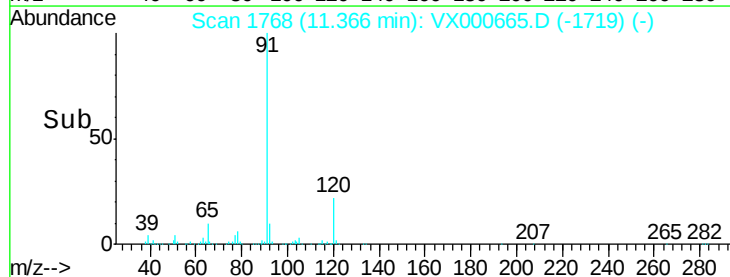
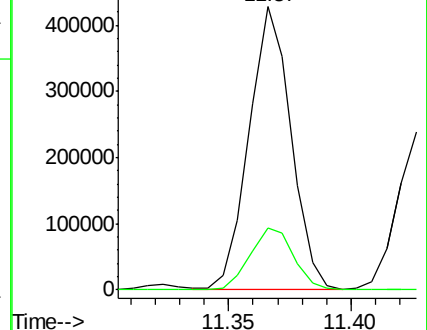
91 100

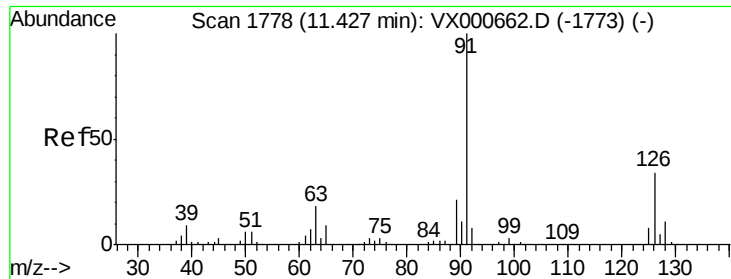
120 23.0 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

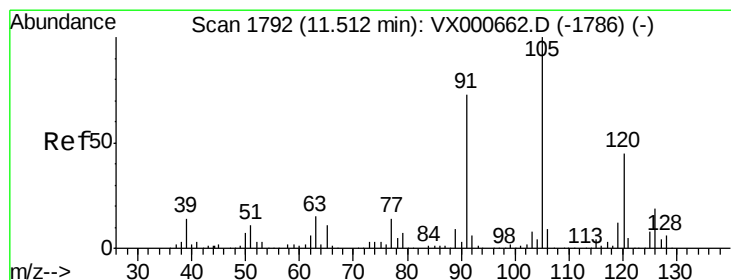
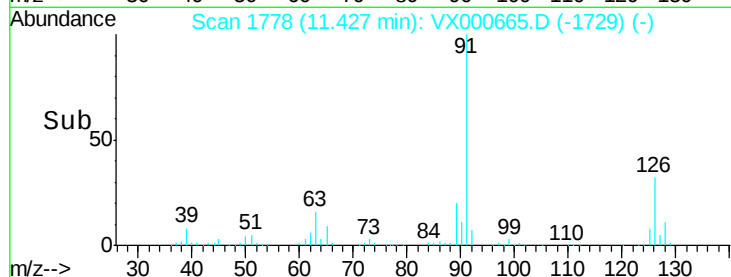
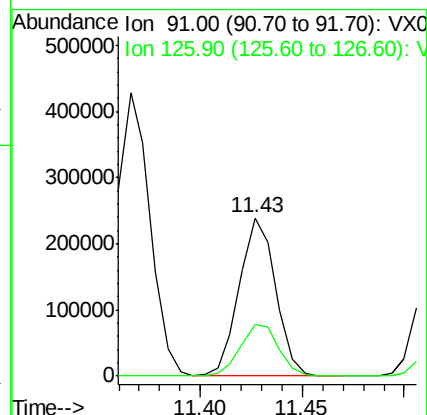
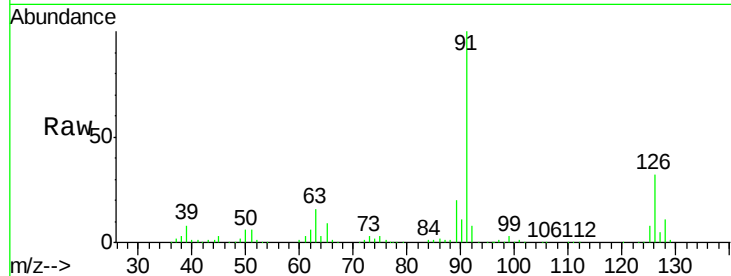




#79
 2-Chlorotoluene
 Concen: 52.86 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX000665.D
 Acq: 04 Apr 2018 18:44

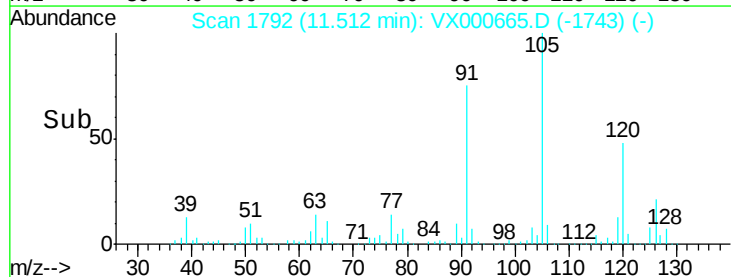
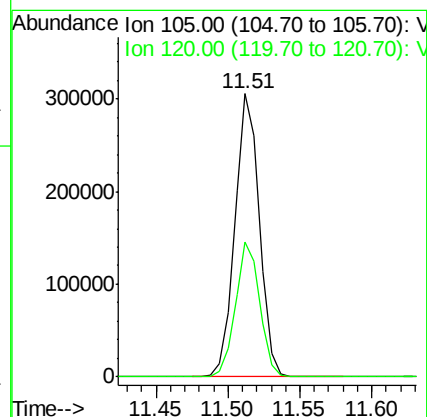
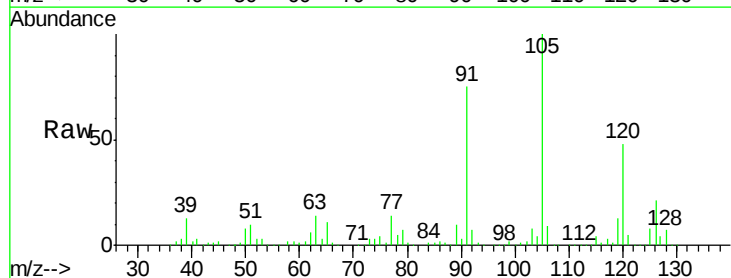
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040418

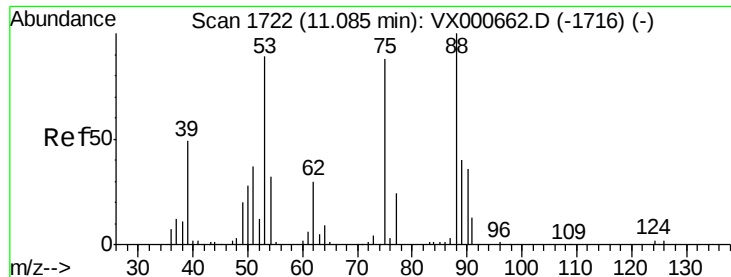
Tgt Ion: 91 Resp: 294287
 Ion Ratio Lower Upper
 91 100
 126 34.2 17.3 51.9



#80
 1,3,5-Trimethylbenzene
 Concen: 53.14 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX000665.D
 Acq: 04 Apr 2018 18:44

Tgt Ion: 105 Resp: 364732
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 55.46 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040418

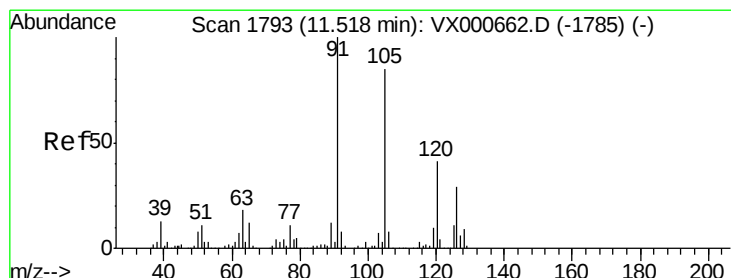
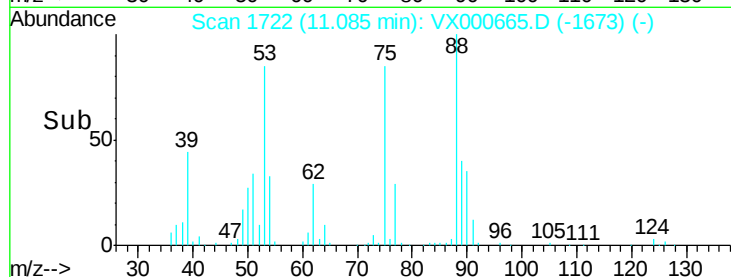
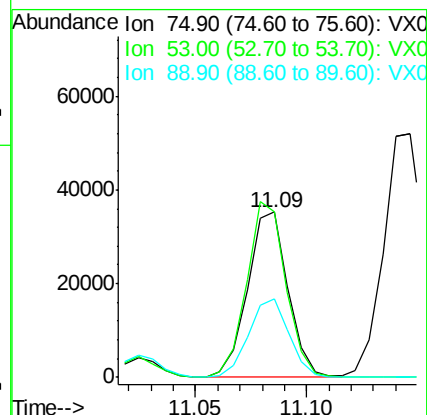
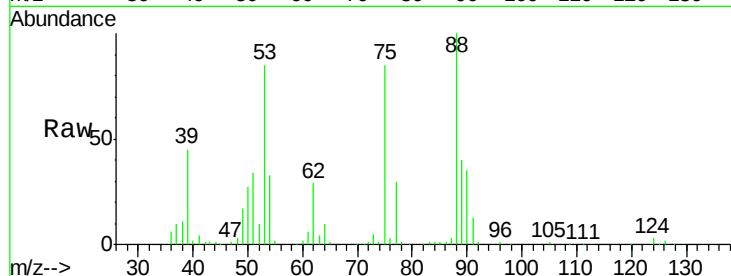
Tgt Ion: 75 Resp: 44845

Ion Ratio Lower Upper

75 100

53 103.2 85.7 128.5

89 47.2 36.3 54.5



#82

4-Chlorotoluene

Concen: 51.91 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000665.D

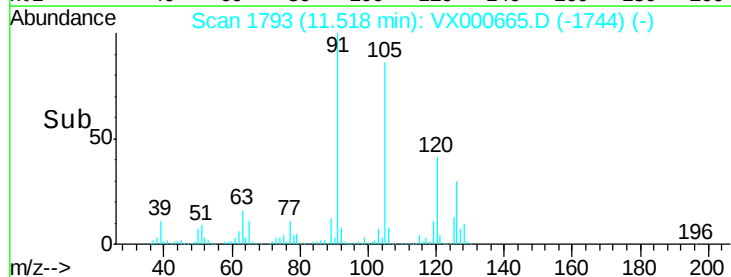
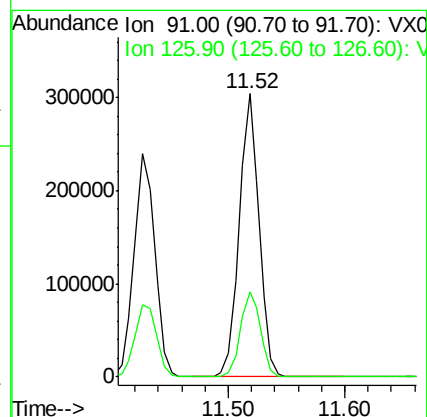
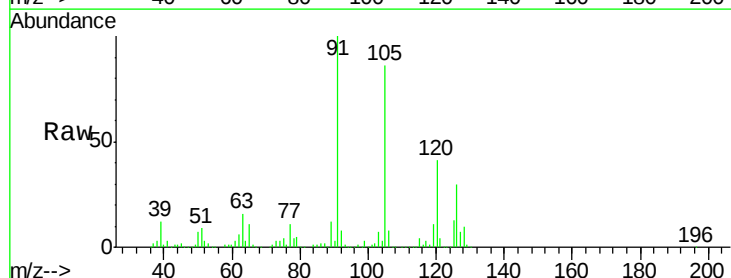
Acq: 04 Apr 2018 18:44

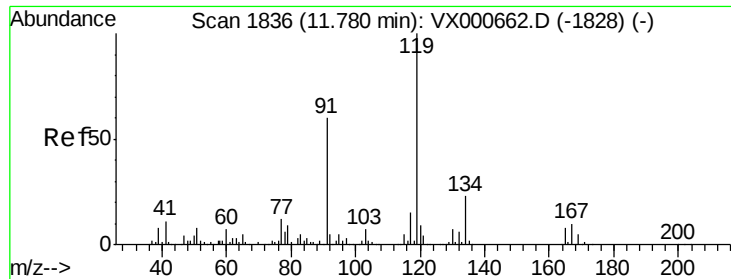
Tgt Ion: 91 Resp: 361632

Ion Ratio Lower Upper

91 100

126 30.6 14.8 44.3

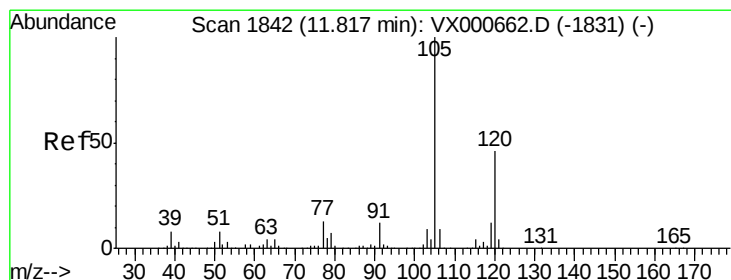
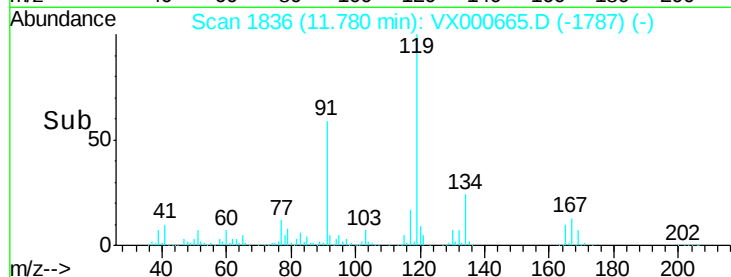
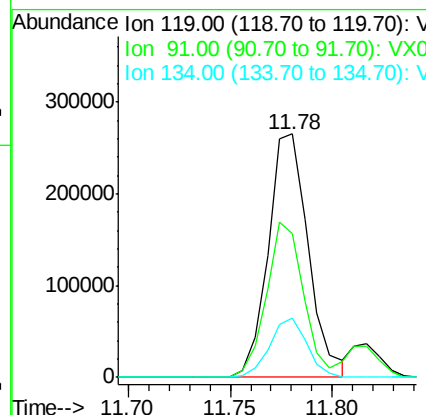
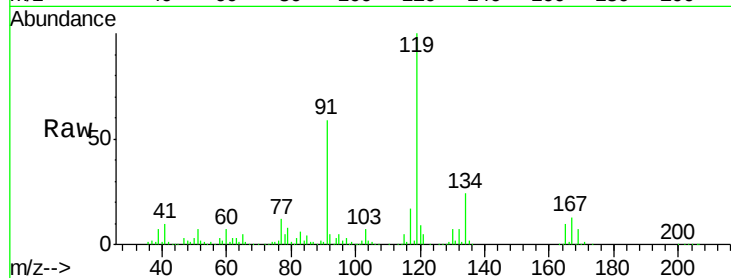




#83
 tert-Butylbenzene
 Concen: 54.51 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000665.D
 Acq: 04 Apr 2018 18:44

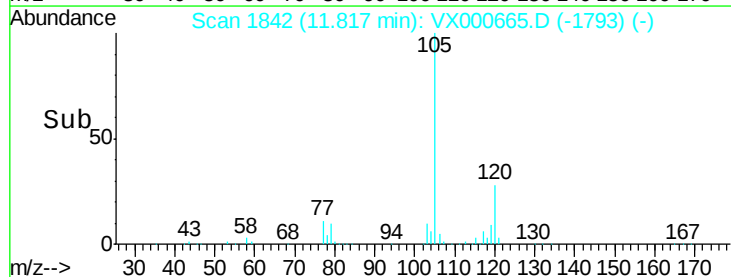
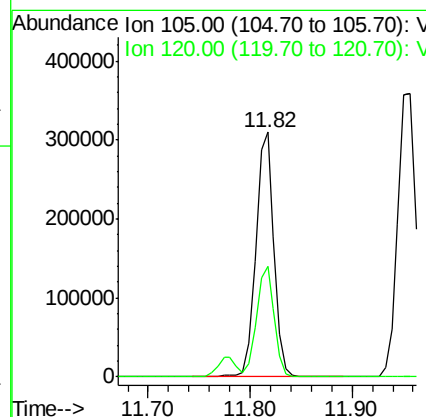
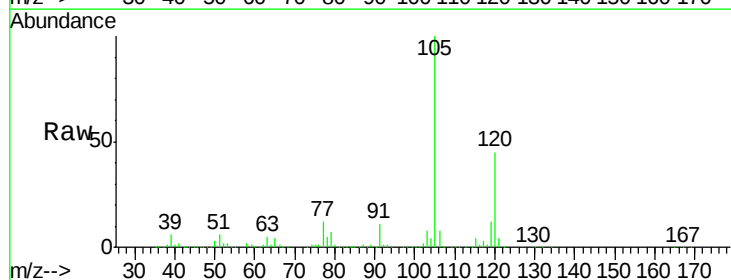
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040418

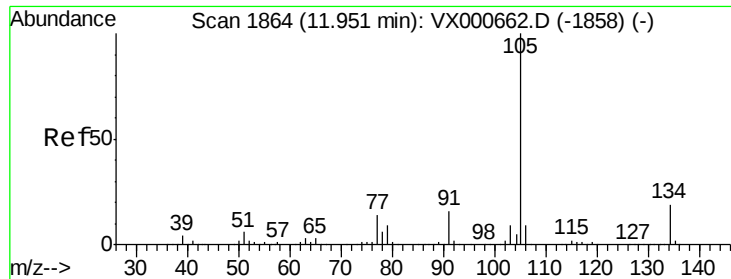
Tgt Ion:119 Resp: 364692
 Ion Ratio Lower Upper
 119 100
 91 58.6 30.9 92.8
 134 22.5 11.1 33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 53.27 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000665.D
 Acq: 04 Apr 2018 18:44

Tgt Ion:105 Resp: 382422
 Ion Ratio Lower Upper
 105 100
 120 44.3 21.6 65.0

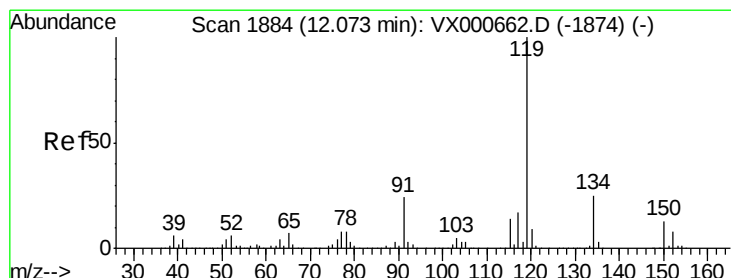
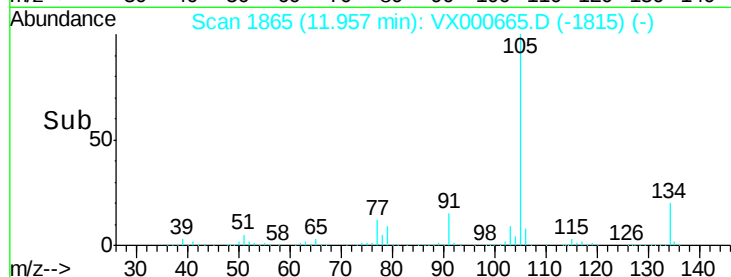
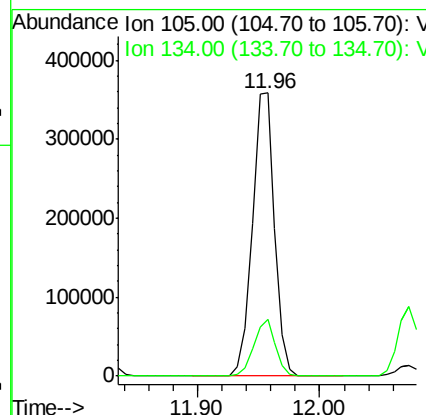
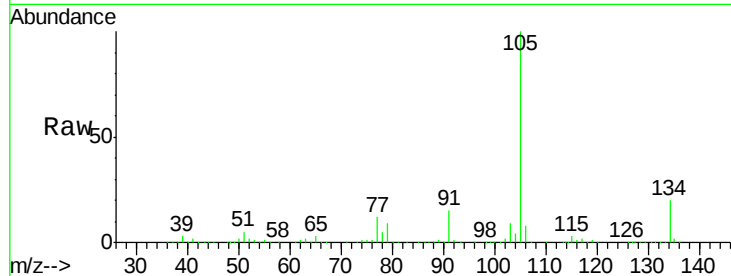




#85
 sec-Butylbenzene
 Concen: 53.15 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.01 min
 Lab File: VX000665.D
 Acq: 04 Apr 2018 18:44

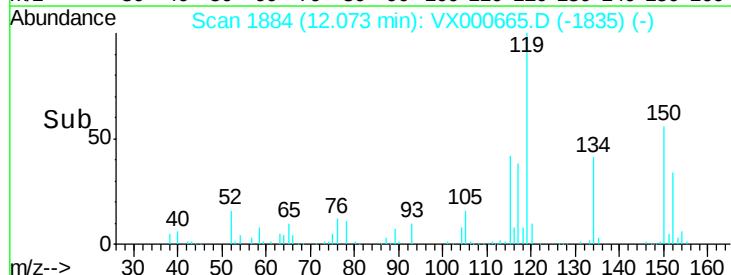
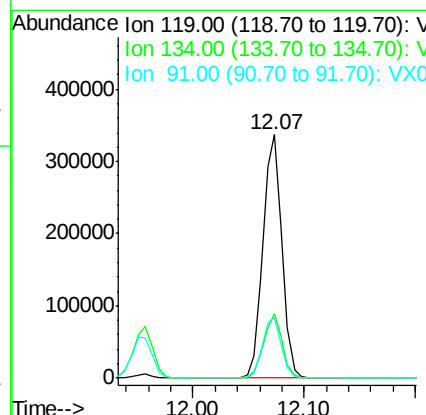
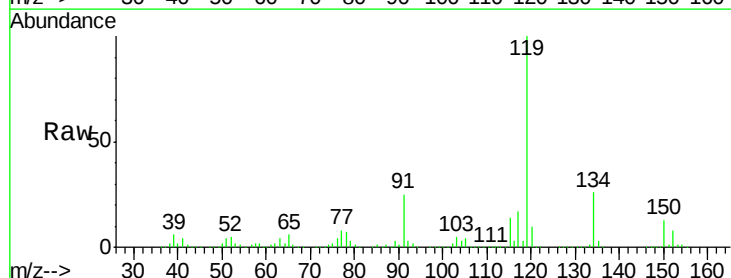
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040418

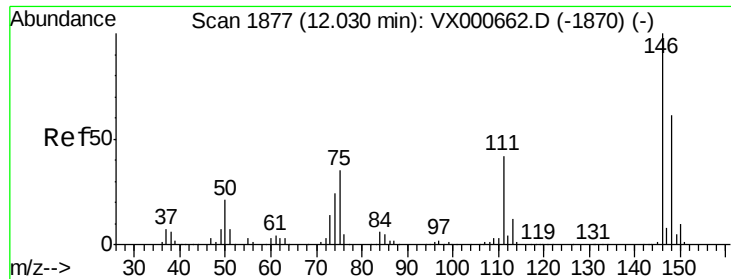
Tgt Ion:105 Resp: 451797
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 54.25 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000665.D
 Acq: 04 Apr 2018 18:44

Tgt Ion:119 Resp: 401309
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 24.6 12.6 37.6

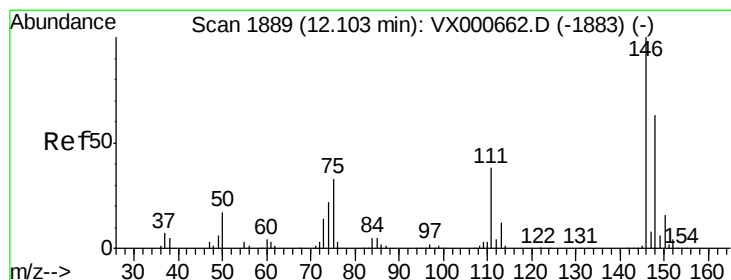
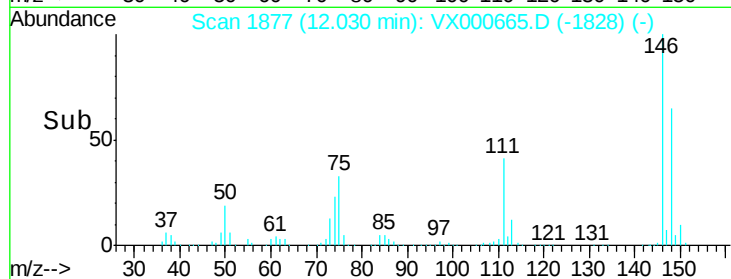
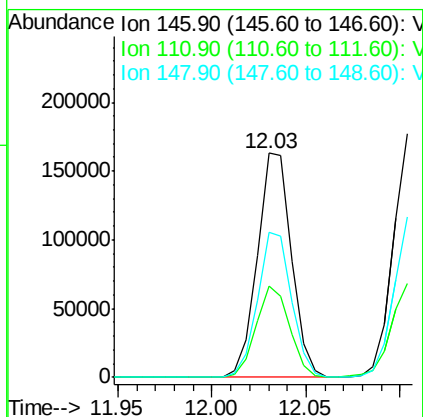
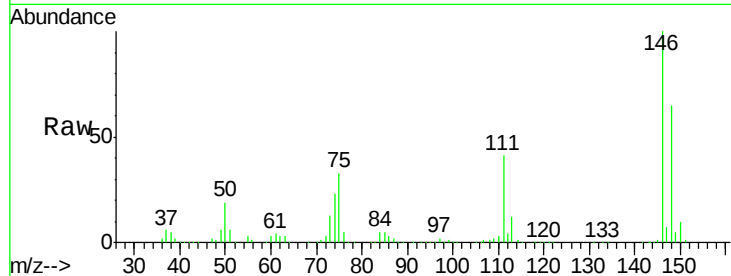




#87
 1,3-Dichlorobenzene
 Concen: 52.34 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX000665.D
 Acq: 04 Apr 2018 18:44

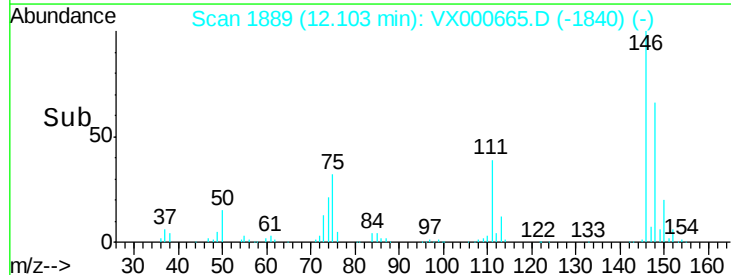
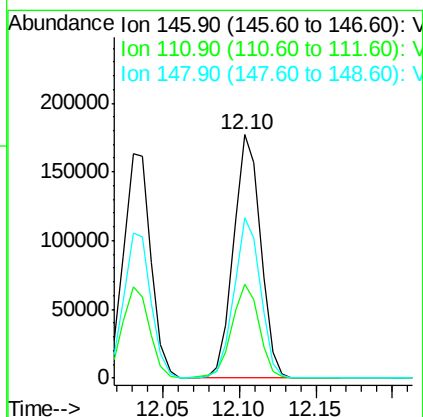
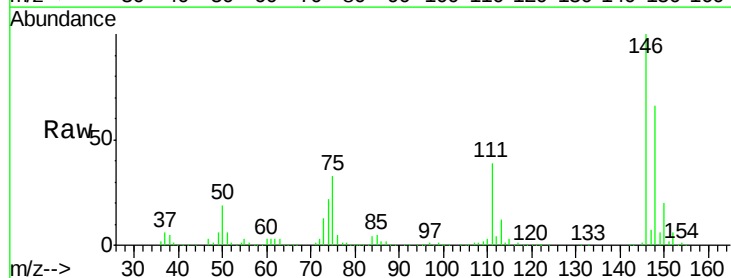
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040418

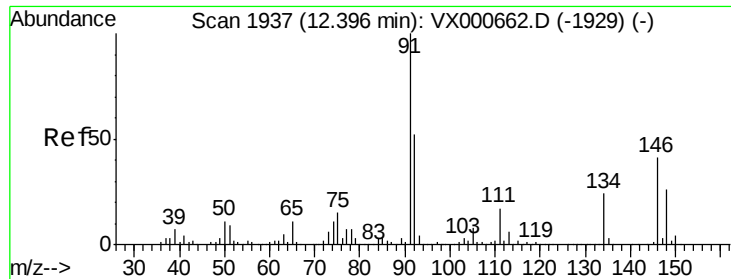
Tgt Ion:146 Resp: 204912
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.2 60.6
 148 64.4 31.0 93.0



#88
 1,4-Dichlorobenzene
 Concen: 50.61 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX000665.D
 Acq: 04 Apr 2018 18:44

Tgt Ion:146 Resp: 216751
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.1 60.3
 148 64.4 31.8 95.4





#89

n-Butylbenzene

Concen: 49.50 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040418

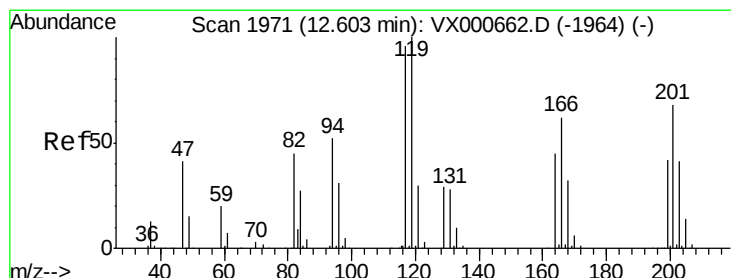
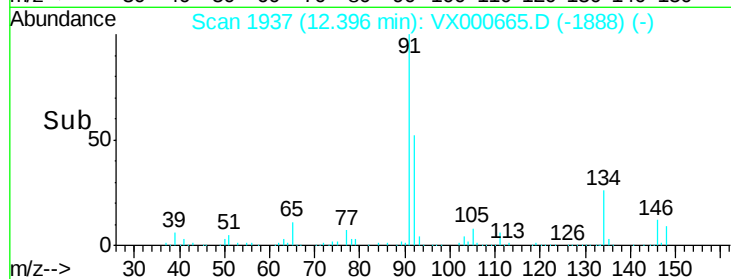
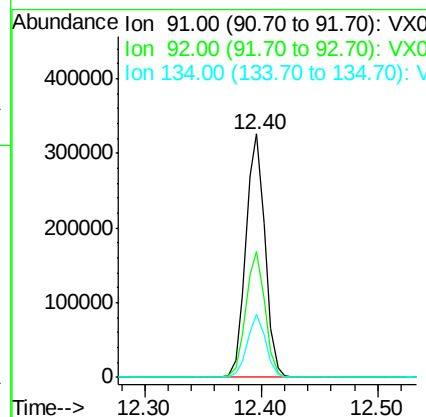
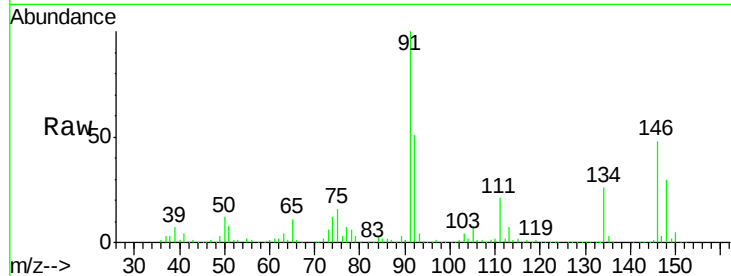
Tgt Ion: 91 Resp: 373571

Ion Ratio Lower Upper

91 100

92 51.4 25.9 77.8

134 25.0 12.2 36.6



#90

Hexachloroethane

Concen: 51.74 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000665.D

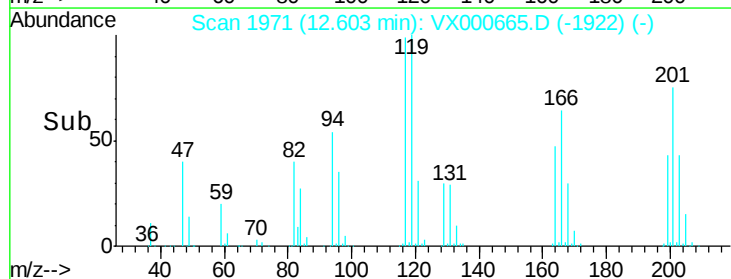
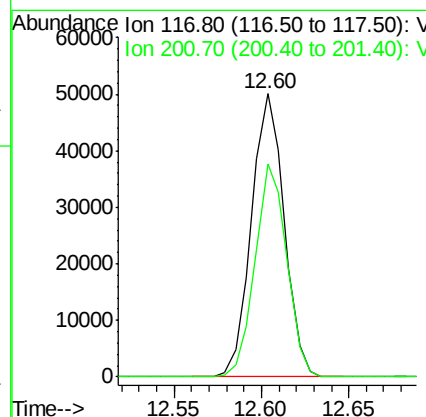
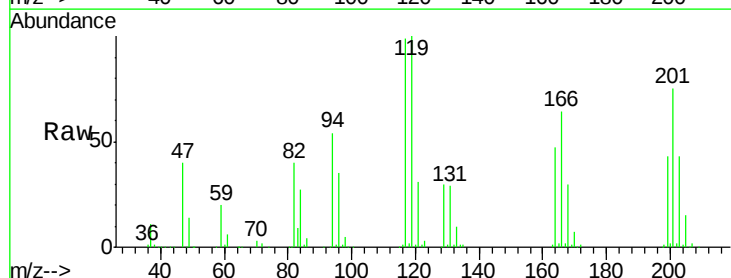
Acq: 04 Apr 2018 18:44

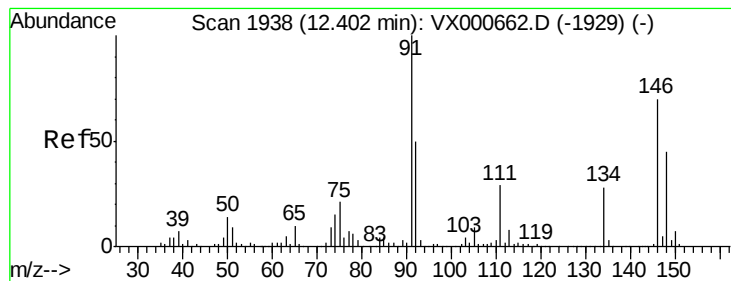
Tgt Ion: 117 Resp: 65027

Ion Ratio Lower Upper

117 100

201 73.1 33.9 101.6





#91

1,2-Dichlorobenzene

Concen: 51.03 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040418

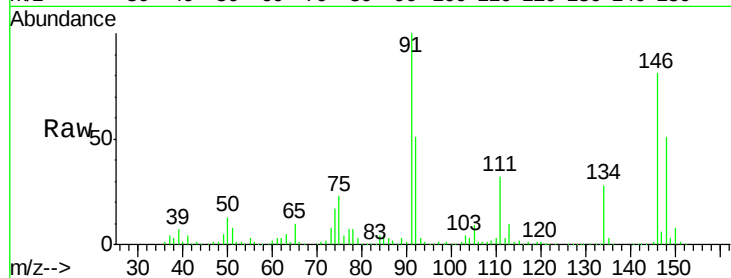
Tgt Ion:146 Resp: 208360

Ion Ratio Lower Upper

146 100

111 41.9 21.3 63.7

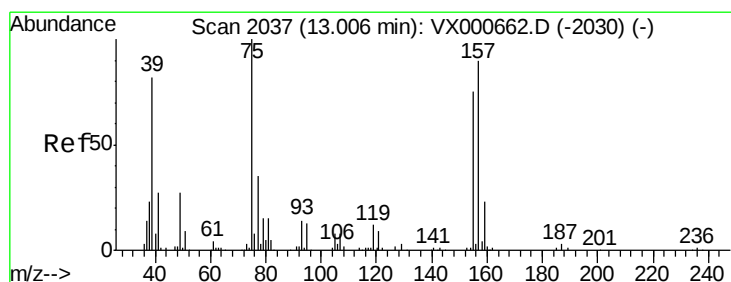
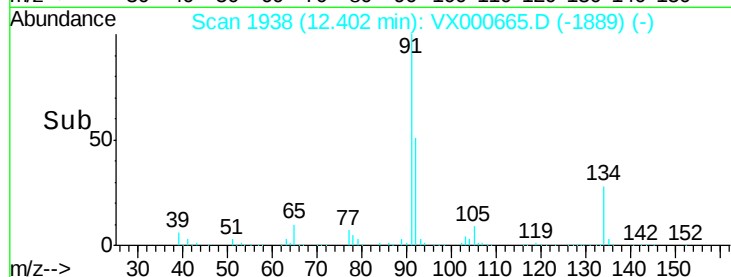
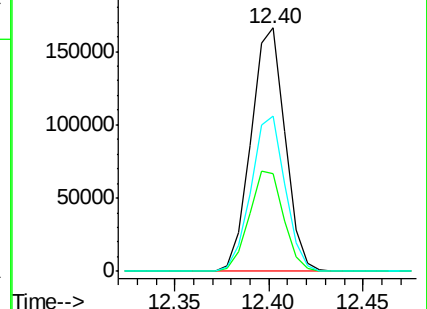
148 63.5 31.8 95.3



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: 51.06 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

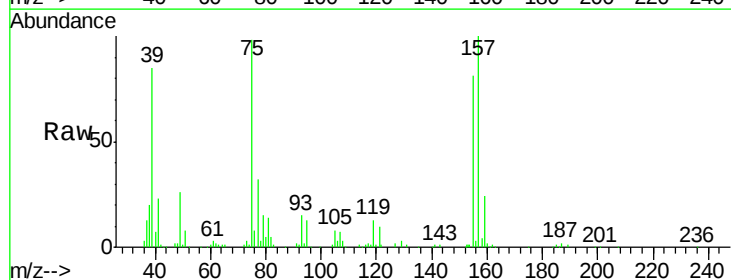
Tgt Ion: 75 Resp: 44574

Ion Ratio Lower Upper

75 100

155 87.4 38.9 116.7

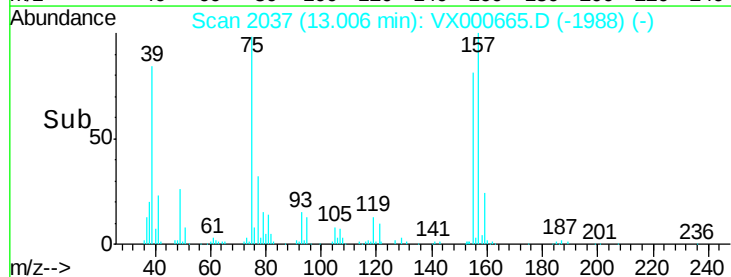
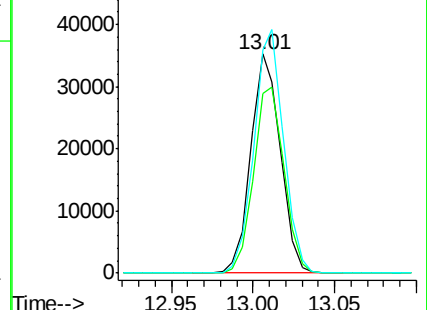
157 110.8 49.1 147.3

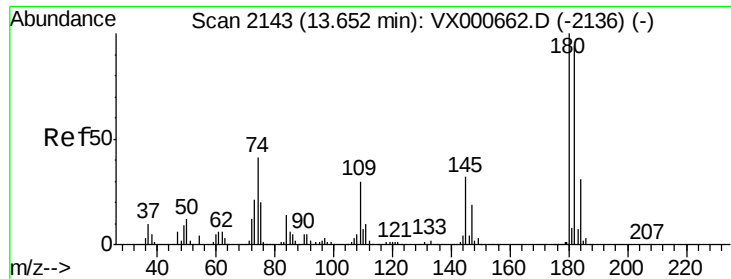


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

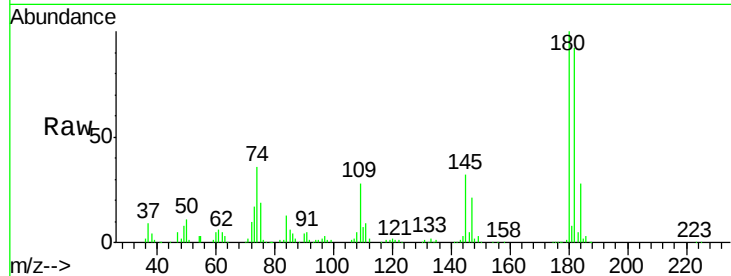




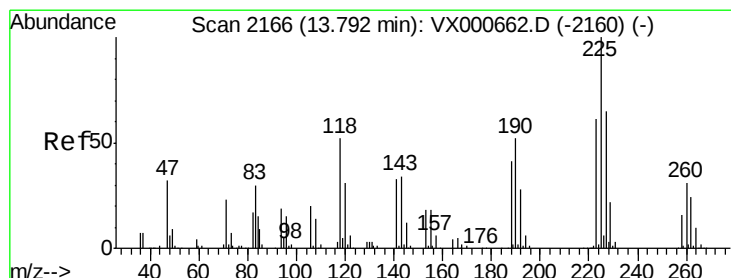
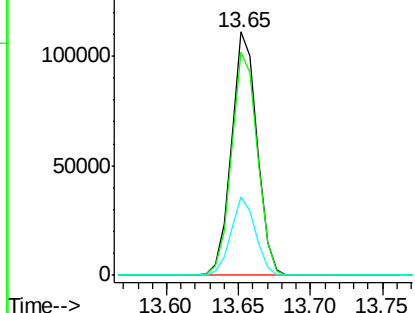
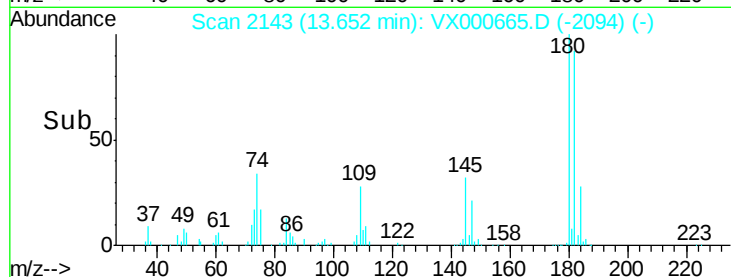
#93
 1,2,4-Trichlorobenzene
 Concen: 50.39 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000665.D
 Acq: 04 Apr 2018 18:44

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX040418

Tgt Ion:180 Resp: 138490
 Ion Ratio Lower Upper
 180 100
 182 92.6 47.4 142.2
 145 30.9 14.8 44.3

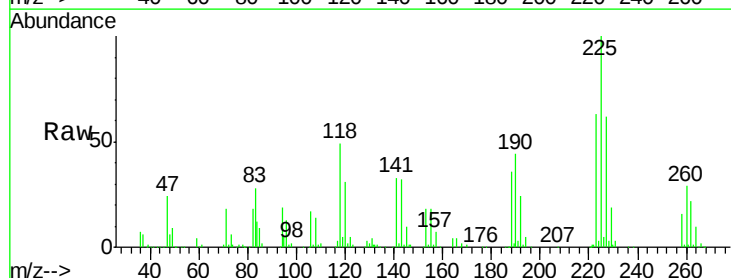


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

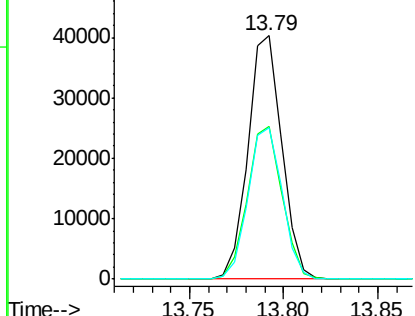
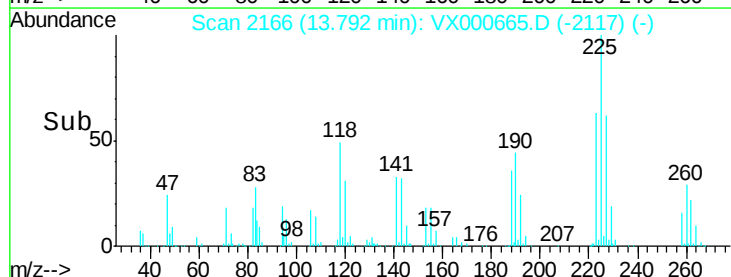


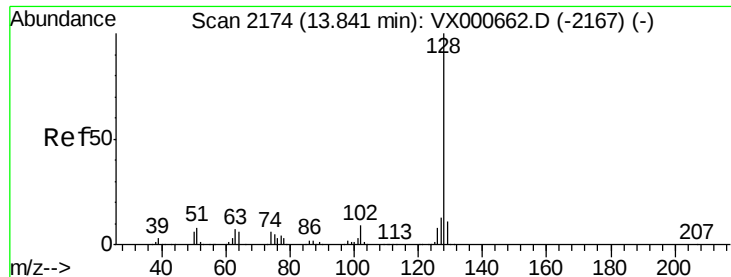
#94
 Hexachlorobutadiene
 Concen: 47.68 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000665.D
 Acq: 04 Apr 2018 18:44

Tgt Ion:225 Resp: 50204
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.4 94.0
 227 63.0 32.7 98.1



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





#95

Naphthalene

Concen: 54.85 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX040418

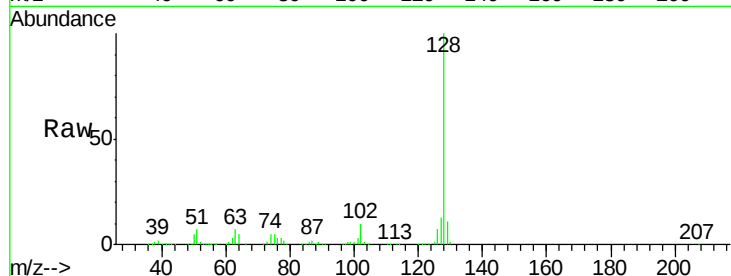
Tgt Ion:128 Resp: 548790

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

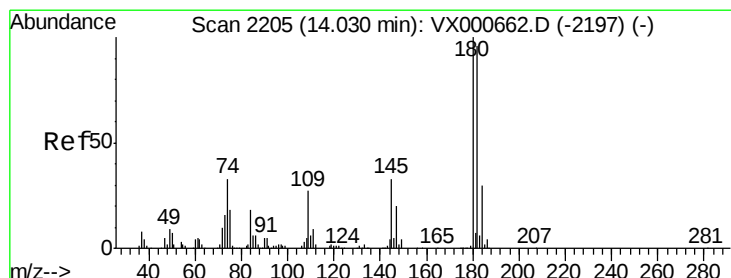
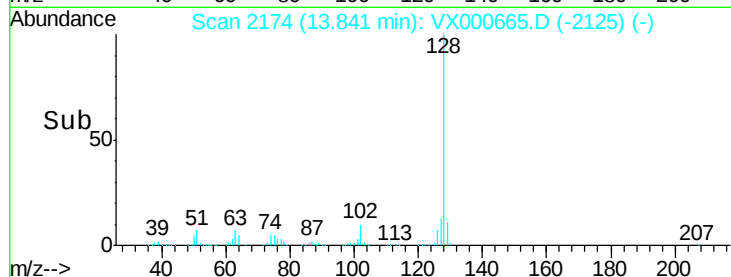
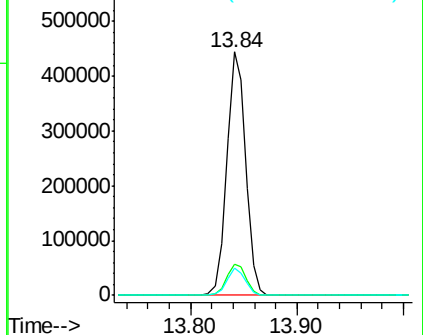
129 10.8 8.9 13.3



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: 50.47 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000665.D

Acq: 04 Apr 2018 18:44

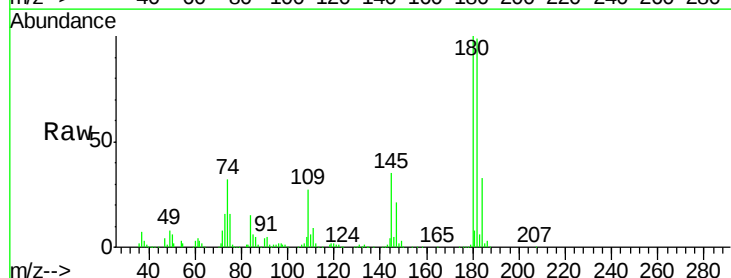
Tgt Ion:180 Resp: 139573

Ion Ratio Lower Upper

180 100

182 94.7 47.2 141.6

145 32.9 16.8 50.4



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

