

Data File : VX001682.D

Acq On : 12 May 2018 22:28

Operator : JC/MD

Sample : VX0512WBS02

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS02

Quant Time: May 14 06:06:20 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

Quant Title : SW846 8260

QLast Update : Sun May 06 07:59:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	221748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	288964	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	268655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187061	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	149684	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
35) Dibromofluoromethane	5.51	113	125740	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	8.72	98	434317	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	
62) 4-Bromofluorobenzene	11.14	95	161394	44.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	56877	19.05	ug/l	99
3) Chloromethane	1.32	50	53446	18.38	ug/l	99
4) Vinyl Chloride	1.40	62	58984	19.44	ug/l	98
5) Bromomethane	1.64	94	33350	22.09	ug/l	99
6) Chloroethane	1.73	64	39285	19.59	ug/l	95
7) Trichlorofluoromethane	1.93	101	90792	19.88	ug/l	98
8) Diethyl Ether	2.19	74	36729	20.52	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53852	20.12	ug/l	100
10) Methyl Iodide	2.51	142	59594	15.43	ug/l	98
11) Tert butyl alcohol	3.07	59	73784	109.80	ug/l	100
12) 1,1-Dichloroethene	2.37	96	48767	19.87	ug/l	99
13) Acrolein	2.30	56	9319	61.55	ug/l	98
14) Allyl chloride	2.73	41	92825	20.29	ug/l	97
15) Acrylonitrile	3.15	53	158667	104.49	ug/l	100
16) Acetone	2.45	43	143180	98.93	ug/l	99
17) Carbon Disulfide	2.57	76	106209	17.01	ug/l	99
18) Methyl Acetate	2.78	43	89973	23.66	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	178396	20.88	ug/l	98
20) Methylene Chloride	2.86	84	57873	20.20	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	51869	18.94	ug/l	98
22) Diisopropyl ether	3.88	45	178270	20.86	ug/l	99
23) Vinyl Acetate	3.83	43	715537	100.44	ug/l	99
24) 1,1-Dichloroethane	3.70	63	96826	20.28	ug/l	99
25) 2-Butanone	4.71	43	213983	102.29	ug/l	99
26) 2,2-Dichloropropane	4.59	77	64272	17.43	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	60392	20.71	ug/l	96
28) Bromochloromethane	5.03	49	48016	23.19	ug/l	98
29) Tetrahydrofuran	5.17	42	135091	100.93	ug/l	99
30) Chloroform	5.22	83	105231	21.39	ug/l	95
31) Cyclohexane	5.58	56	78278	19.09	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	91424	21.27	ug/l	99
36) 1,1-Dichloropropene	5.80	75	69773	18.98	ug/l	99
37) Ethyl Acetate	4.87	43	81952	20.34	ug/l	100
38) Carbon Tetrachloride	5.79	117	79172	20.20	ug/l	98

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Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS02

Quant Time: May 14 06:06:20 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

Quant Title : SW846 8260

QLast Update : Sun May 06 07:59:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	79067	18.19	ug/l	99
40) Benzene	6.15	78	222757	20.75	ug/l	99
41) Methacrylonitrile	5.07	41	46570	20.20	ug/l	99
42) 1,2-Dichloroethane	6.21	62	87350	21.17	ug/l	100
43) Isopropyl Acetate	6.47	43	124112	20.07	ug/l	99
44) Trichloroethene	7.22	130	67117	20.45	ug/l	98
45) 1,2-Dichloropropane	7.52	63	56072	20.95	ug/l	100
46) Dibromomethane	7.66	93	39561	20.88	ug/l	99
47) Bromodichloromethane	7.90	83	74816	21.33	ug/l	98
48) Methyl methacrylate	7.79	41	67306	19.98	ug/l	98
49) 1,4-Dioxane	7.76	88	29416	404.25	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	431932	105.09	ug/l	99
52) Toluene	8.79	92	144076	20.52	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	80460	20.30	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	70579	18.71	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	60161	21.27	ug/l	98
56) Ethyl methacrylate	9.19	69	80430	19.73	ug/l	98
57) 1,3-Dichloropropane	9.38	76	97345	20.82	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	218545	109.29	ug/l	99
59) 2-Hexanone	9.50	43	314298	99.86	ug/l	100
60) Dibromochloromethane	9.59	129	58861	20.32	ug/l	99
61) 1,2-Dibromoethane	9.68	107	60645	20.42	ug/l	99
64) Tetrachloroethene	9.34	164	76416	20.41	ug/l	99
65) Chlorobenzene	10.15	112	161381	20.48	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	60325	21.40	ug/l	100
67) Ethyl Benzene	10.26	91	259247	20.07	ug/l	98
68) m/p-Xylenes	10.37	106	208512	40.86	ug/l	100
69) o-Xylene	10.71	106	101699	20.51	ug/l	99
70) Styrene	10.72	104	165376	20.53	ug/l	99
71) Bromoform	10.87	173	45770	19.25	ug/l #	99
73) Isopropylbenzene	11.02	105	275279	21.26	ug/l	100
74) N-amyl acetate	6.47	43	124112	21.10	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	83768	21.90	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	93461	24.63	ug/l	86
77) Bromobenzene	11.26	156	79169	21.03	ug/l	99
78) n-propylbenzene	11.37	91	299150	21.21	ug/l	99
79) 2-Chlorotoluene	11.43	91	184163	21.22	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	227005	21.05	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19101	18.96	ug/l	88
82) 4-Chlorotoluene	11.52	91	210921	21.07	ug/l	100
83) tert-Butylbenzene	11.77	119	222647	20.75	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	236144	21.31	ug/l	100
85) sec-Butylbenzene	11.95	105	271433	21.08	ug/l	99
86) p-Isopropyltoluene	12.07	119	244303	20.68	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	139418	20.72	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	141872	20.67	ug/l	99
89) n-Butylbenzene	12.40	91	189126	19.32	ug/l	100
90) Hexachloroethane	12.60	117	36987	20.79	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	143858	21.01	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18280	21.75	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051218\
Quantitation Report (Not Reviewed)

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Instrument :
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ClientSampleId :
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Quant Time: May 14 06:06:20 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

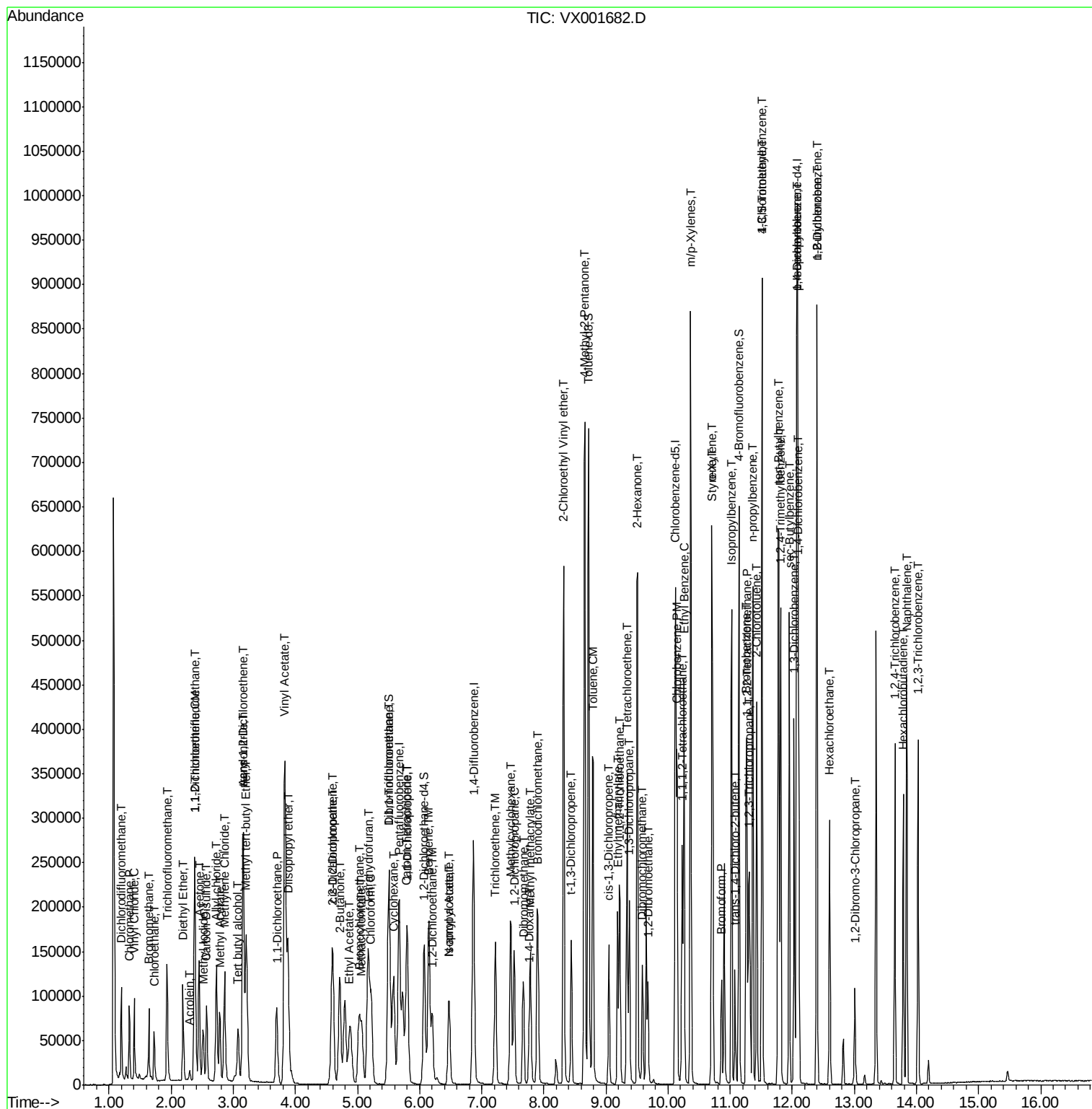
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	100550	20.07	ug/l	100
94) Hexachlorobutadiene	13.79	225	54951	20.04	ug/l	99
95) Naphthalene	13.84	128	289775	20.91	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	106993	20.81	ug/l	99

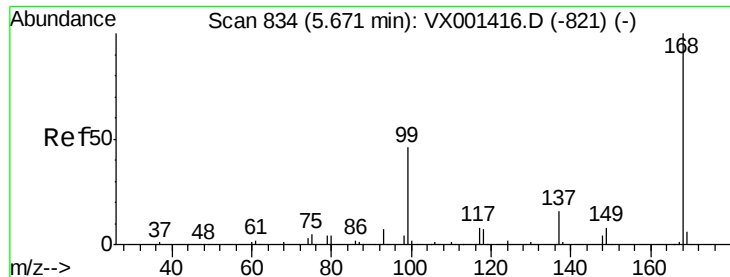
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ALS Vial : 26 Sample Multiplier: 1

VX0512WBS02

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

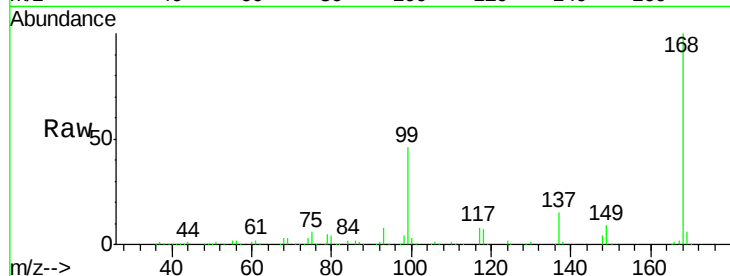
VX0512WBS02

Tgt Ion:168 Resp: 221748

Ion Ratio Lower Upper

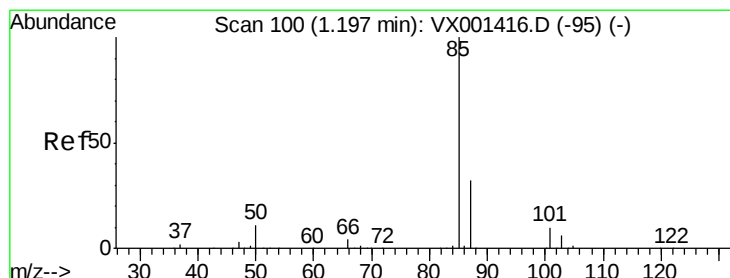
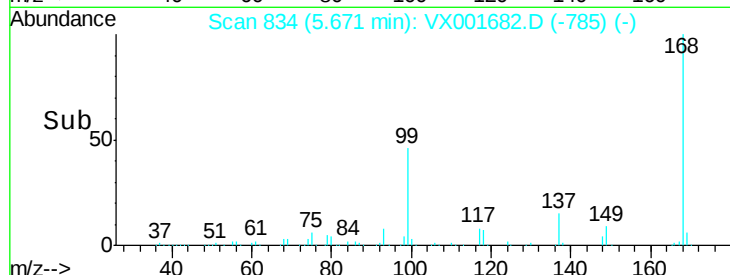
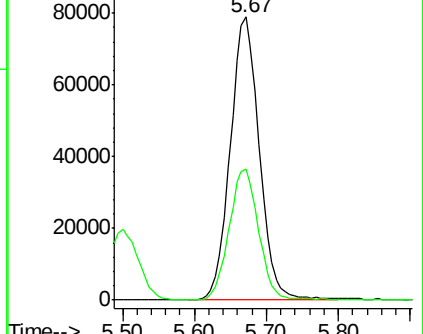
168 100

99 46.0 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.05 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001682.D

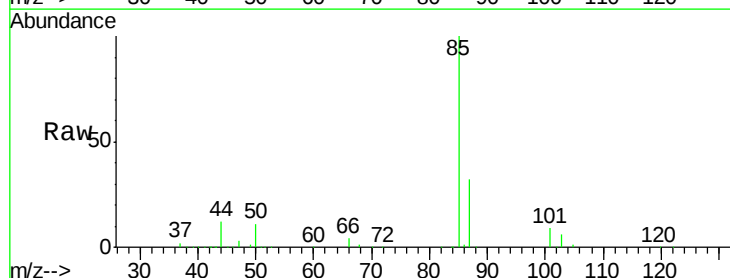
Acq: 12 May 2018 22:28

Tgt Ion: 85 Resp: 56877

Ion Ratio Lower Upper

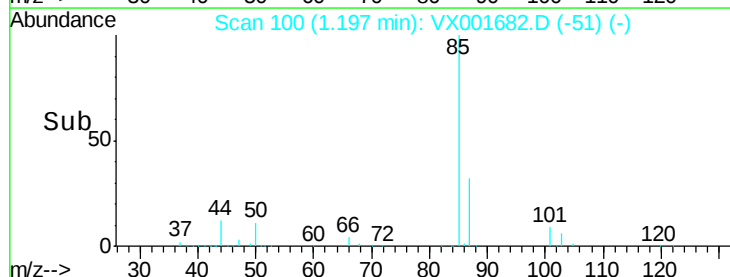
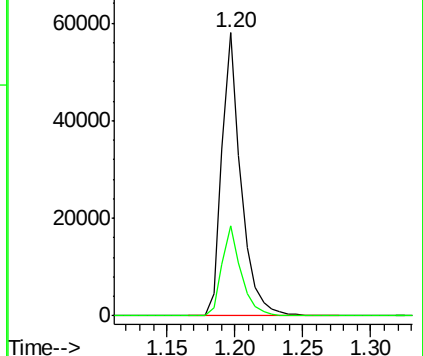
85 100

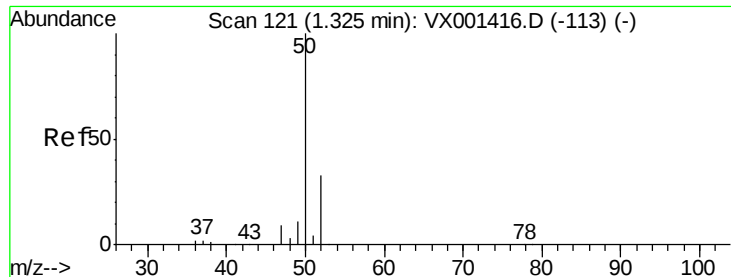
87 32.0 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.38 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

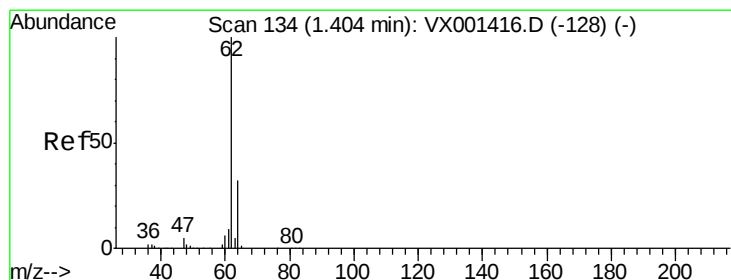
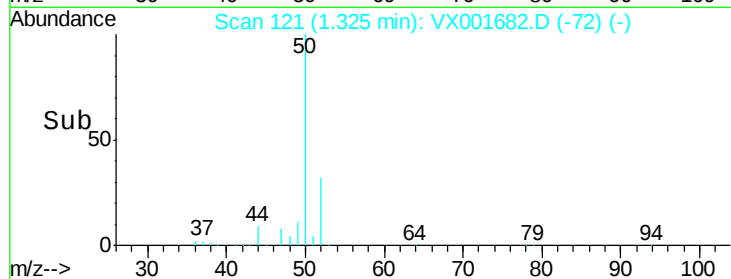
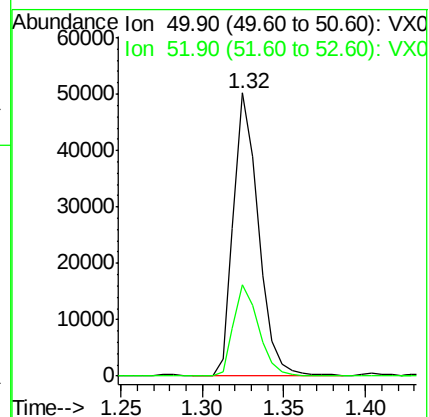
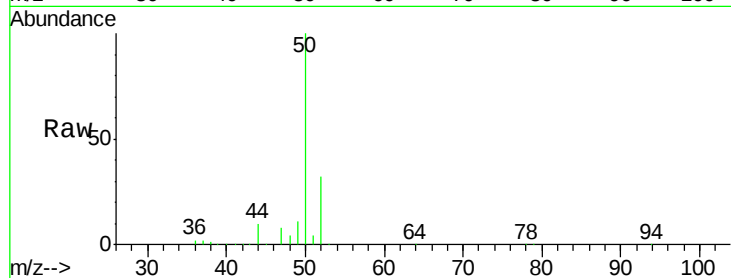
VX0512WBS02

Tgt Ion: 50 Resp: 53446

Ion Ratio Lower Upper

50 100

52 32.3 26.2 39.4



#4

Vinyl Chloride

Concen: 19.44 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001682.D

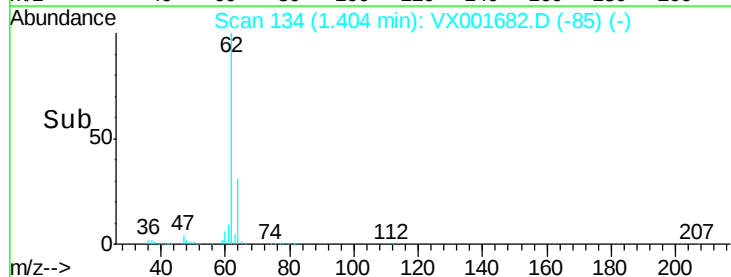
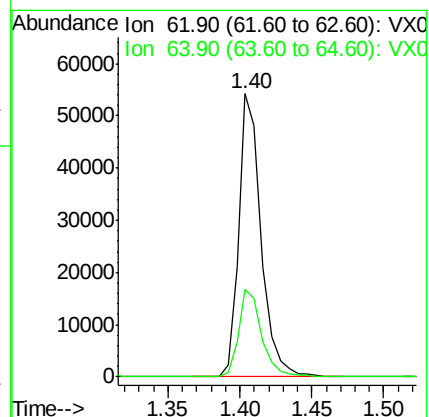
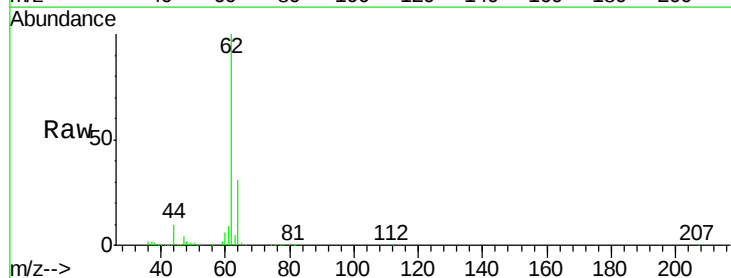
Acq: 12 May 2018 22:28

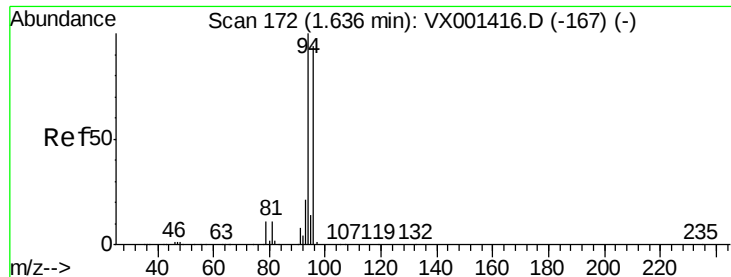
Tgt Ion: 62 Resp: 58984

Ion Ratio Lower Upper

62 100

64 30.8 25.8 38.6





#5

Bromomethane

Concen: 22.09 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

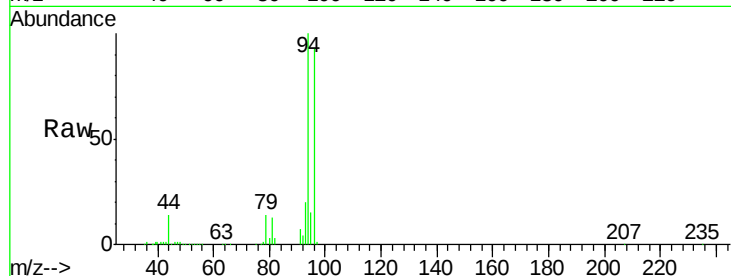
VX0512WBS02

Tgt Ion: 94 Resp: 33350

Ion Ratio Lower Upper

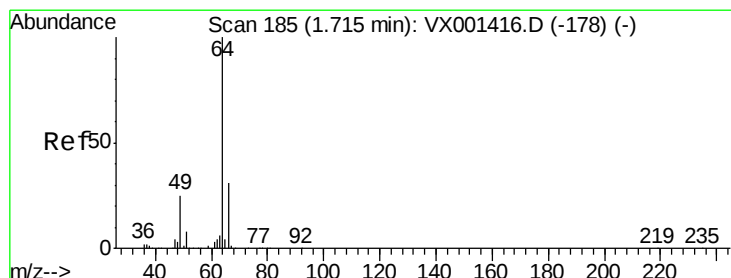
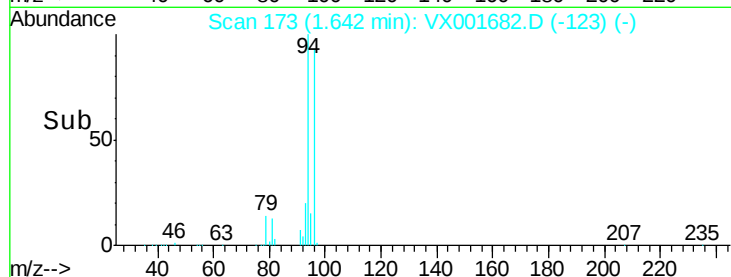
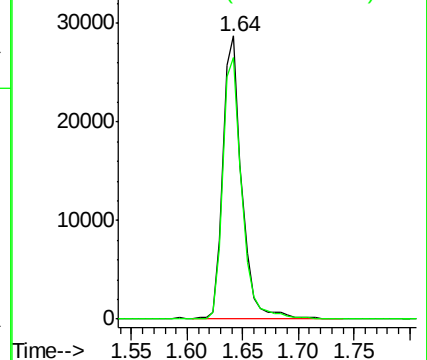
94 100

96 92.8 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.59 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001682.D

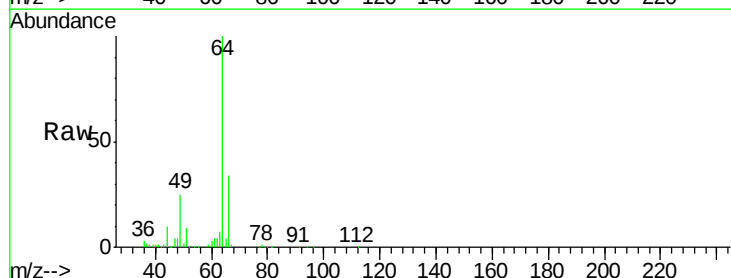
Acq: 12 May 2018 22:28

Tgt Ion: 64 Resp: 39285

Ion Ratio Lower Upper

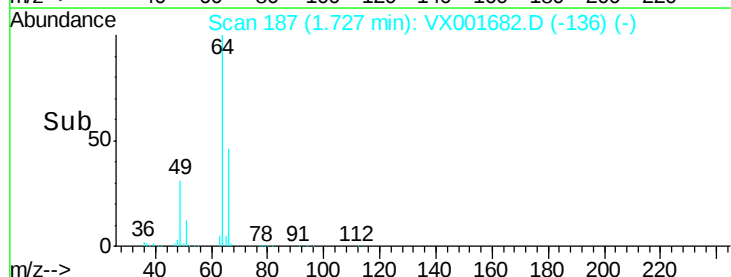
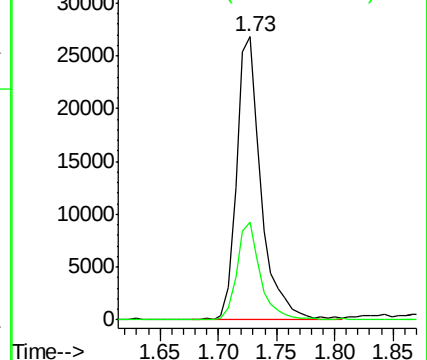
64 100

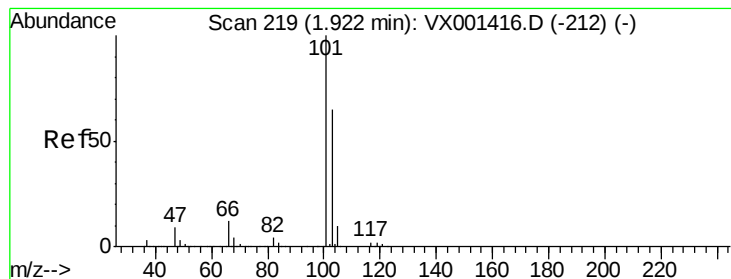
66 34.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



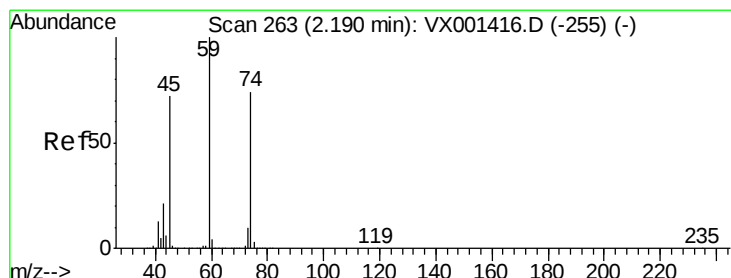
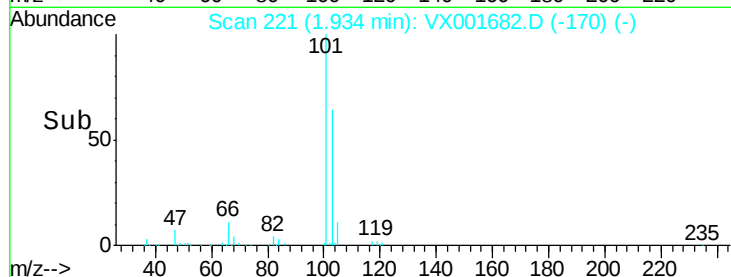
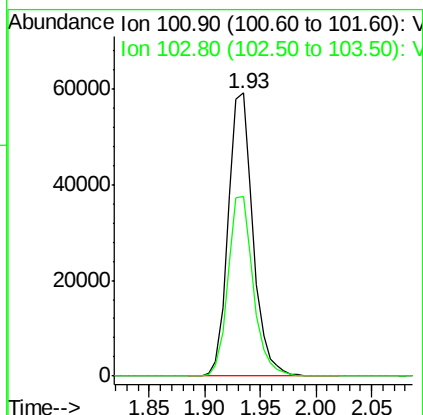
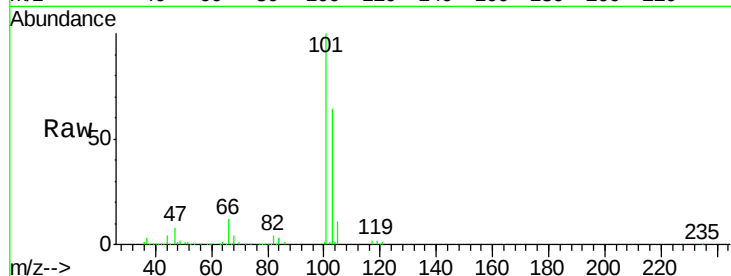


#7

Trichlorofluoromethane
 Concen: 19.88 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX001682.D
 Acq: 12 May 2018 22:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS02

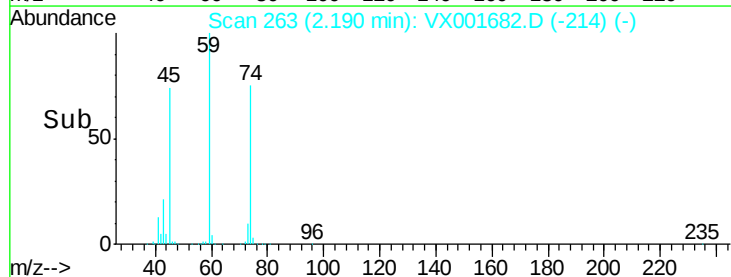
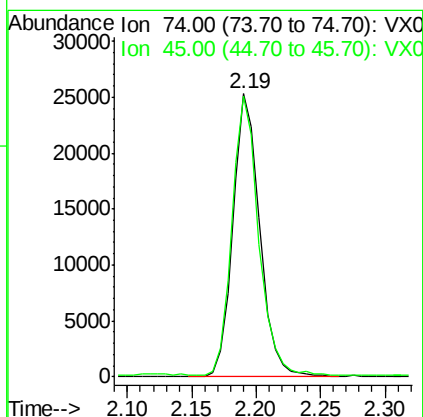
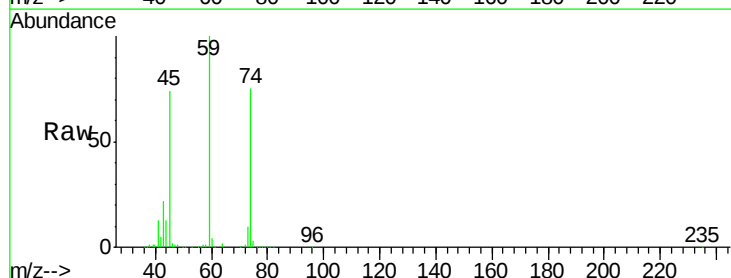
Tgt Ion:101 Resp: 90792
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.0 78.0

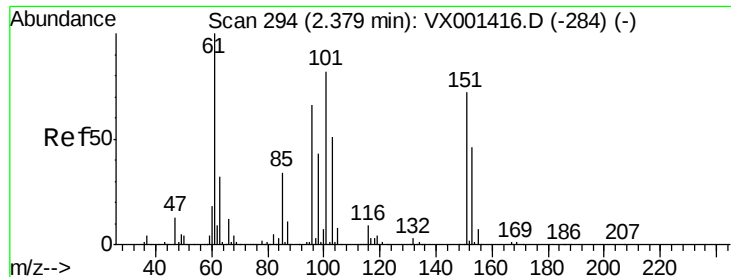


#8

Diethyl Ether
 Concen: 20.52 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001682.D
 Acq: 12 May 2018 22:28

Tgt Ion: 74 Resp: 36729
 Ion Ratio Lower Upper
 74 100
 45 98.9 47.9 143.6

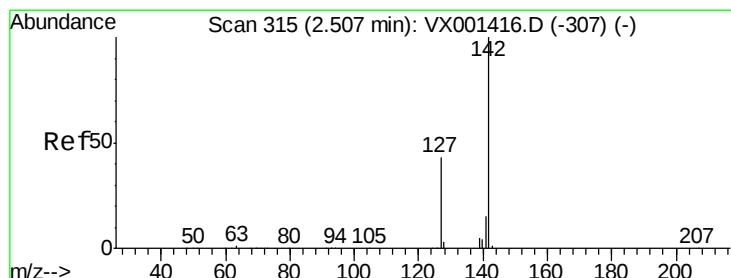
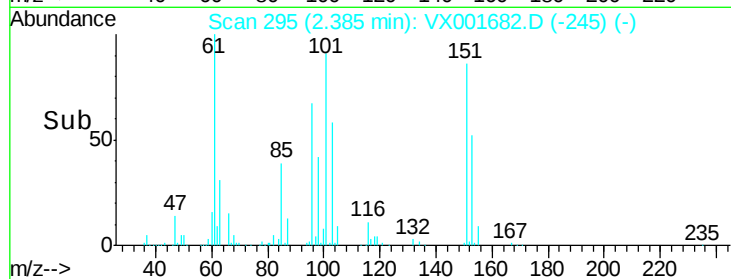
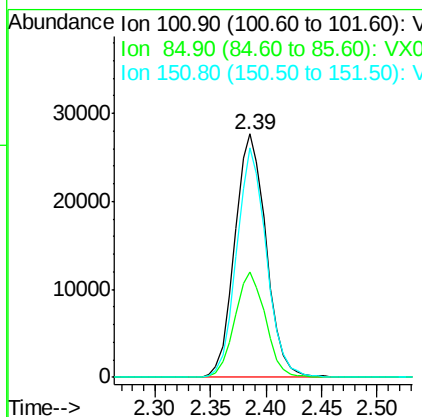
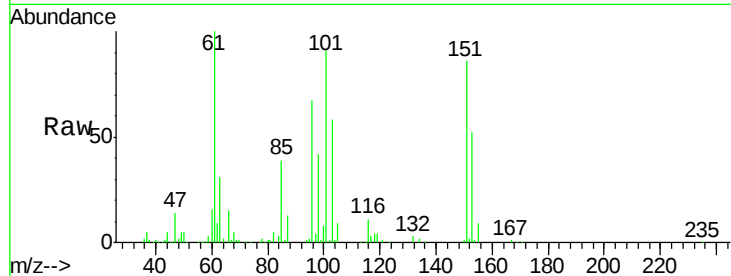




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.12 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VX001682.D
 Acq: 12 May 2018 22:28

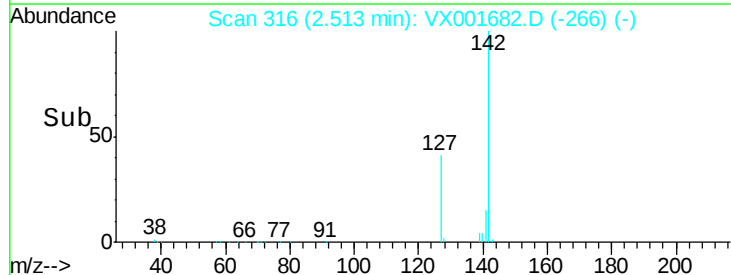
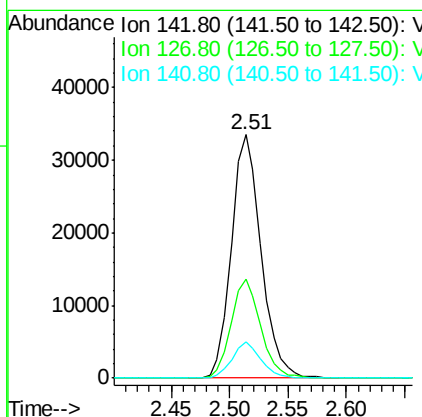
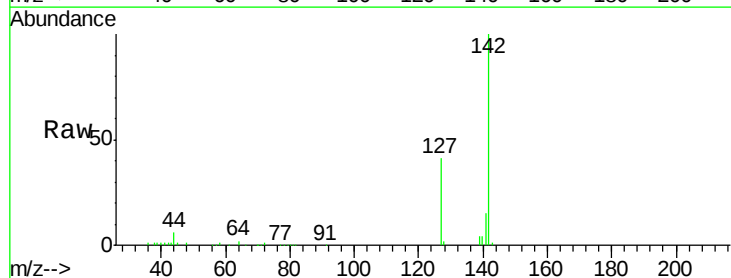
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS02

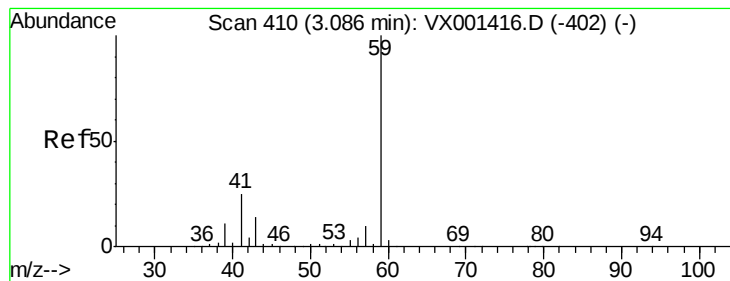
Tgt Ion:101 Resp: 53852
 Ion Ratio Lower Upper
 101 100
 85 42.1 33.7 50.5
 151 89.8 72.3 108.5



#10
 Methyl Iodide
 Concen: 15.43 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX001682.D
 Acq: 12 May 2018 22:28

Tgt Ion:142 Resp: 59594
 Ion Ratio Lower Upper
 142 100
 127 40.6 33.6 50.4
 141 14.3 11.4 17.2



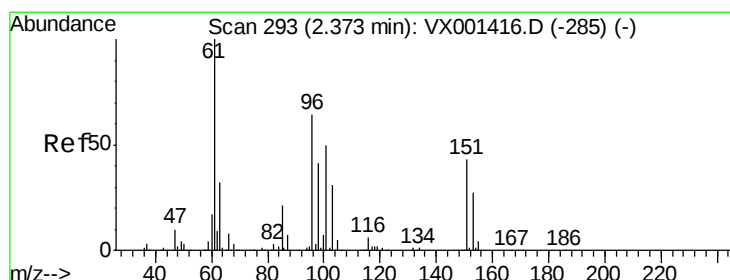
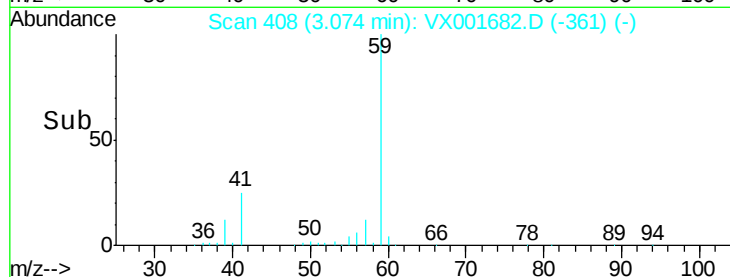
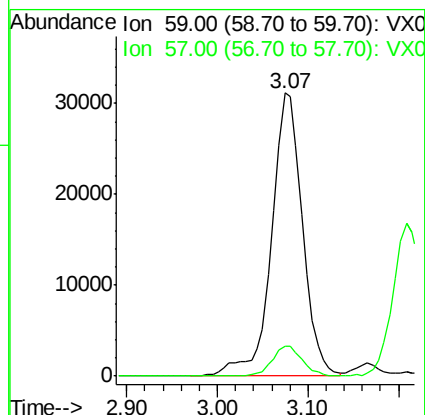
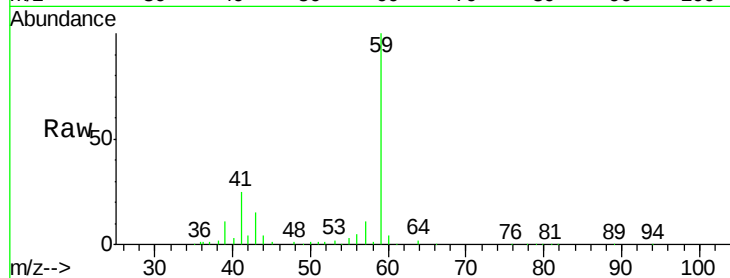


#11

Tert butyl alcohol
 Concen: 109.80 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX001682.D
 Acq: 12 May 2018 22:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS02

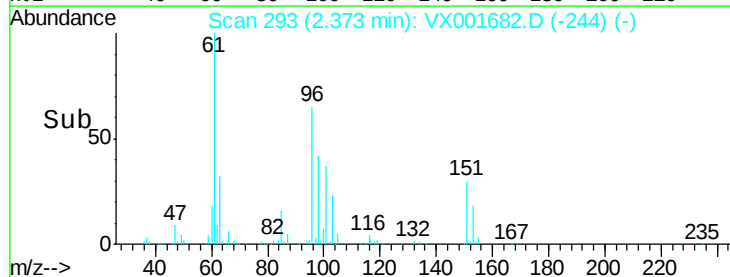
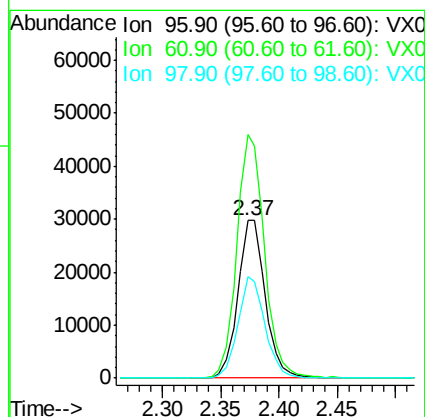
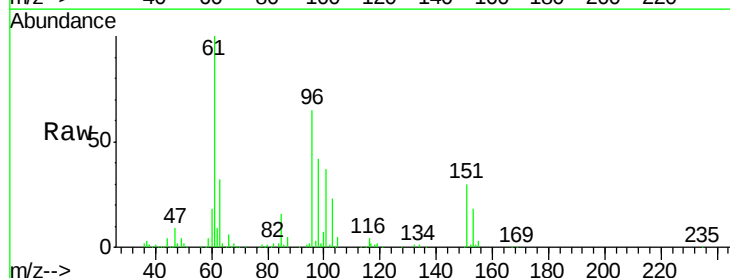
Tgt Ion: 59 Resp: 73784
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

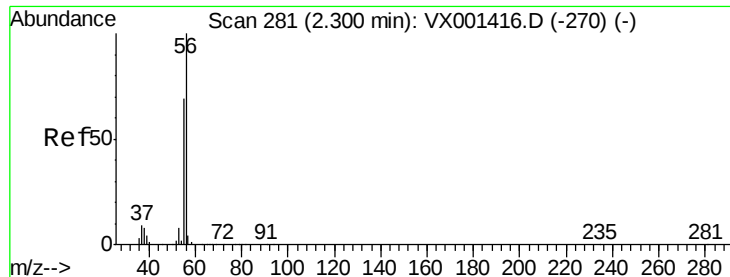


#12

1,1-Dichloroethene
 Concen: 19.87 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001682.D
 Acq: 12 May 2018 22:28

Tgt Ion: 96 Resp: 48767
 Ion Ratio Lower Upper
 96 100
 61 154.7 125.7 188.5
 98 64.5 52.0 78.0





#13

Acrolein

Concen: 61.55 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

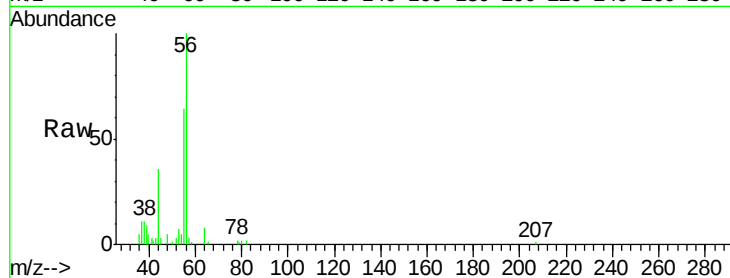
VX0512WBS02

Tgt Ion: 56 Resp: 9319

Ion Ratio Lower Upper

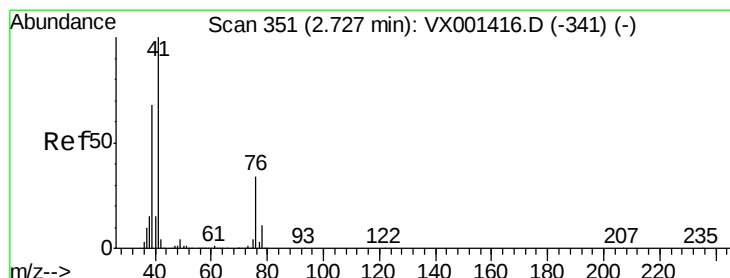
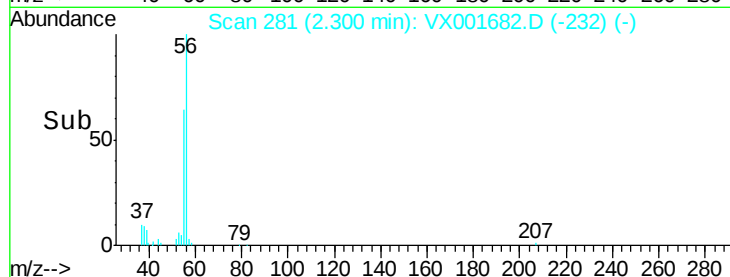
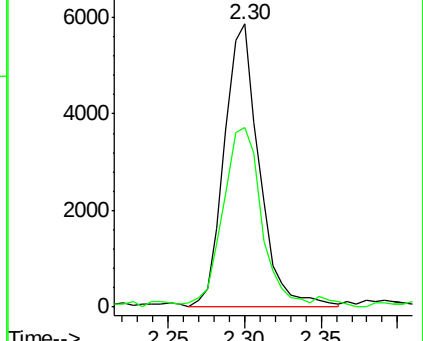
56 100

55 69.8 54.5 81.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.29 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

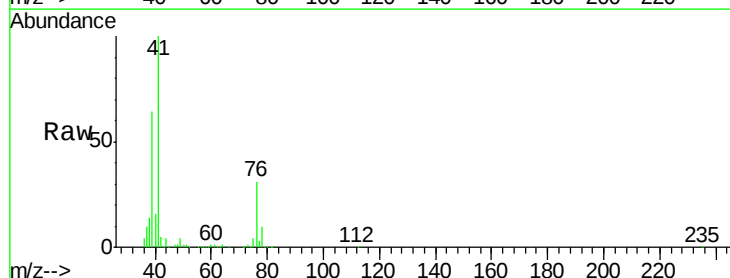
Tgt Ion: 41 Resp: 92825

Ion Ratio Lower Upper

41 100

39 62.7 52.4 78.6

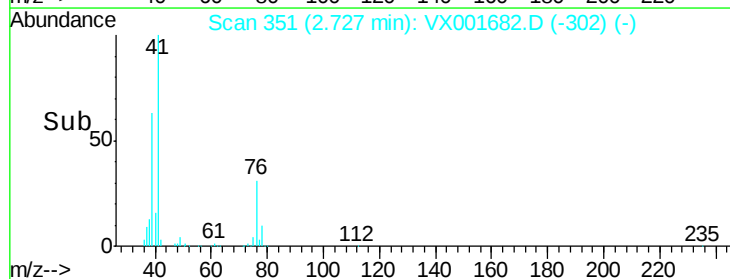
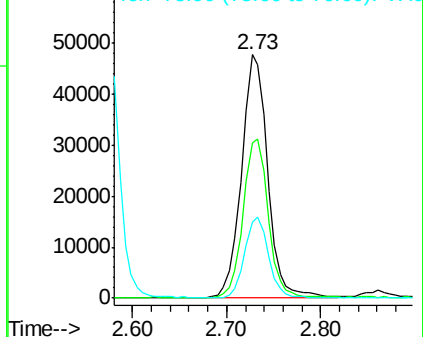
76 30.8 25.8 38.6

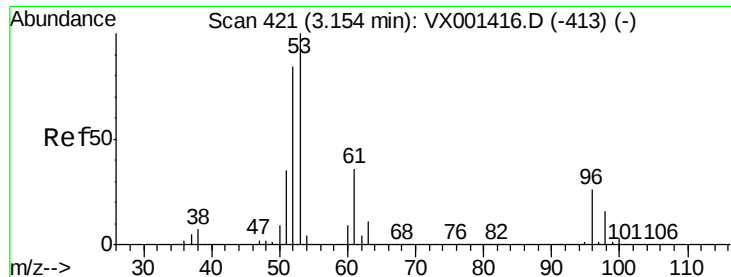


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

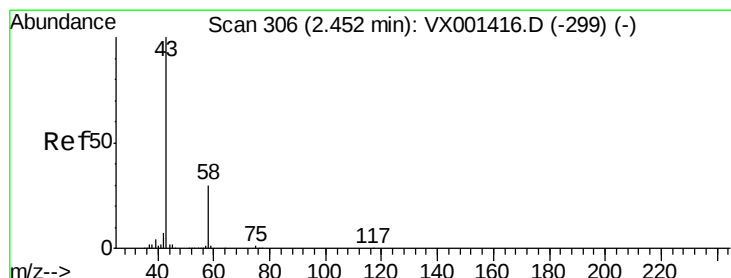
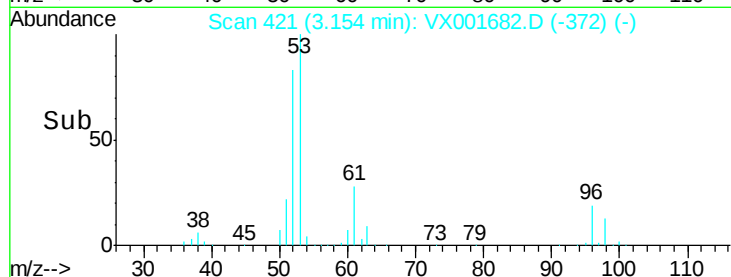
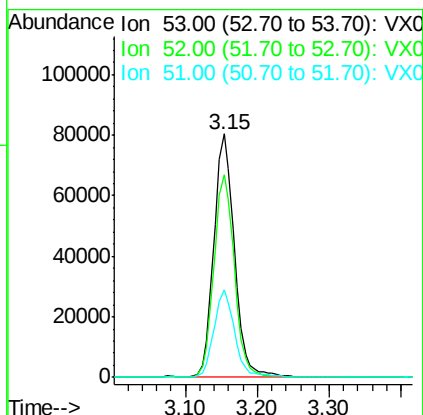
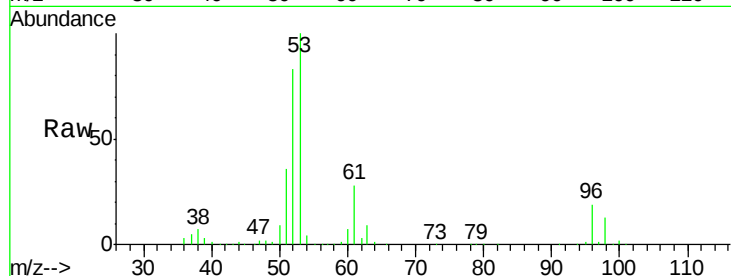




#15
 Acrylonitrile
 Concen: 104.49 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX001682.D
 Acq: 12 May 2018 22:28

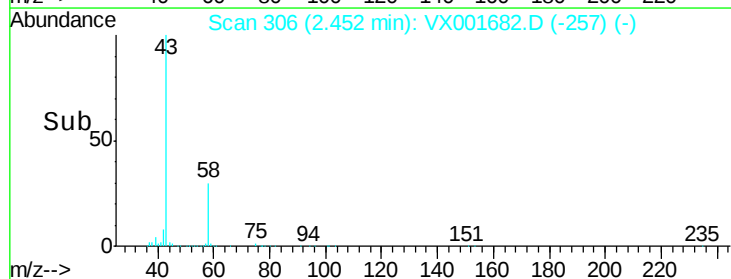
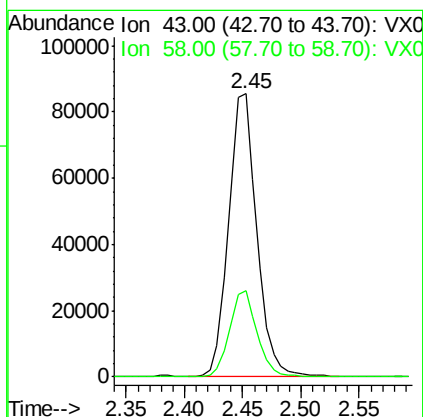
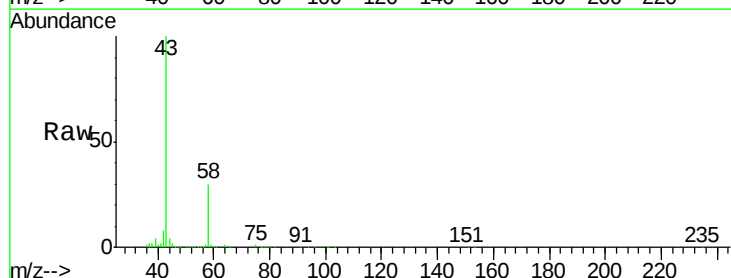
Instrument :
 MSVOA_X
 ClientSampled :
 VX0512WBS02

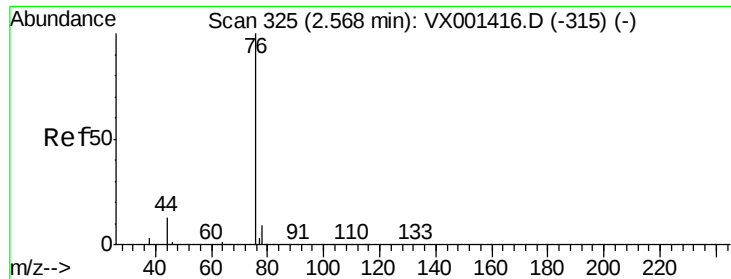
Tgt Ion: 53 Resp: 158667
 Ion Ratio Lower Upper
 53 100
 52 82.8 66.2 99.2
 51 36.0 28.6 43.0



#16
 Acetone
 Concen: 98.93 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: VX001682.D
 Acq: 12 May 2018 22:28

Tgt Ion: 43 Resp: 143180
 Ion Ratio Lower Upper
 43 100
 58 30.3 23.8 35.8

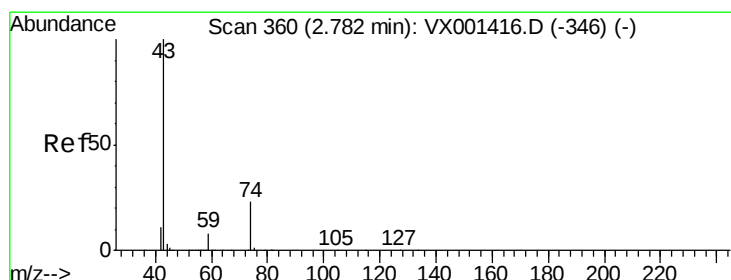
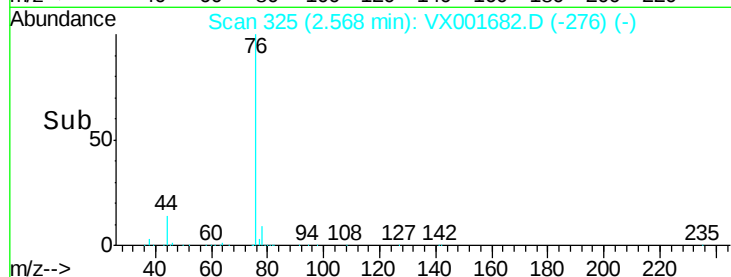
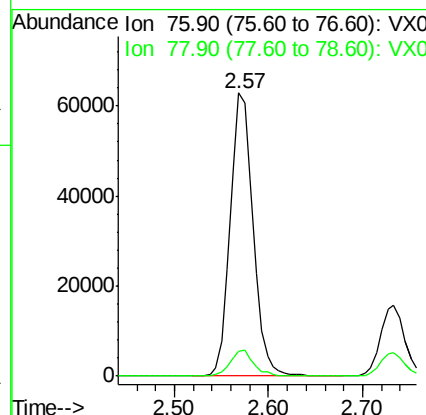
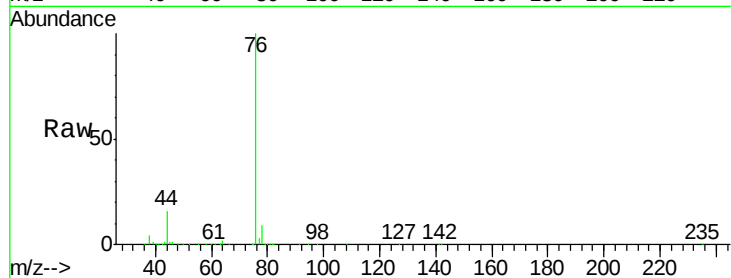




#17
Carbon Disulfide
Concen: 17.01 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001682.D
Acq: 12 May 2018 22:28

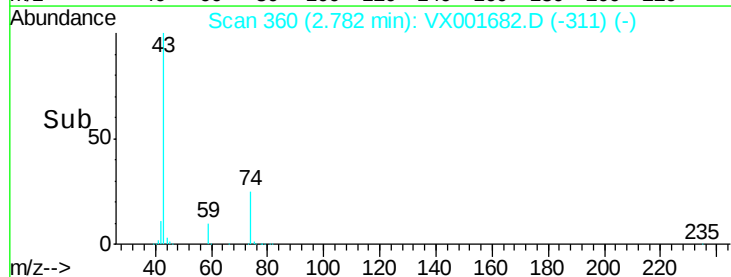
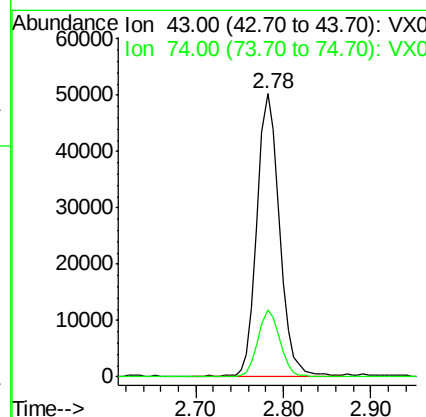
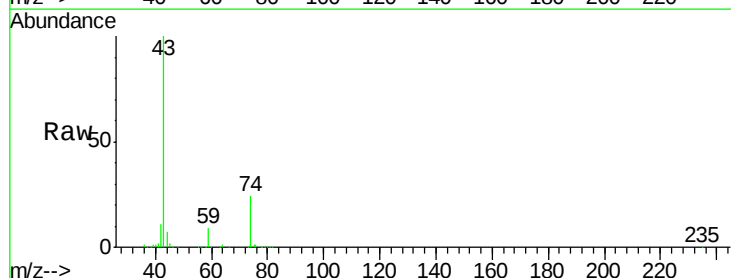
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS02

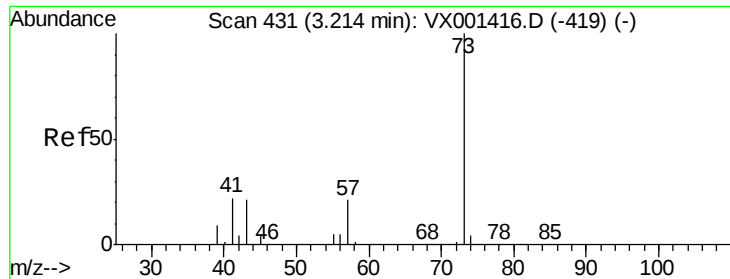
Tgt Ion: 76 Resp: 106209
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 23.66 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001682.D
Acq: 12 May 2018 22:28

Tgt Ion: 43 Resp: 89973
Ion Ratio Lower Upper
43 100
74 23.6 18.6 27.8

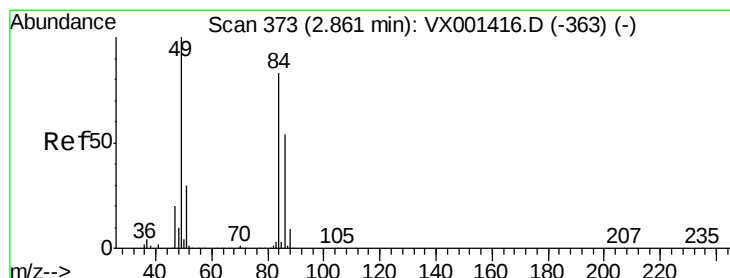
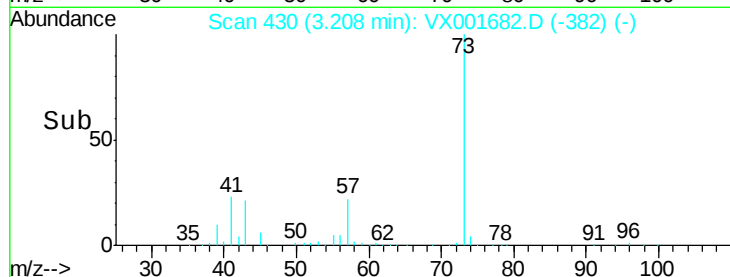
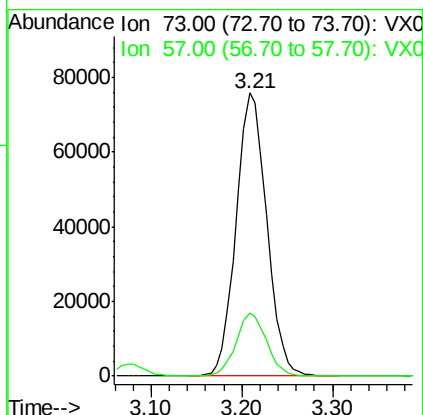
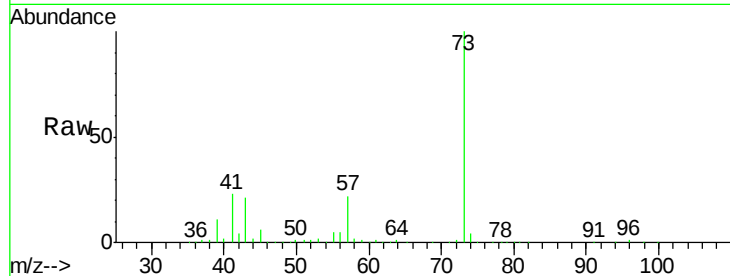




#19
Methyl tert-butyl Ether
Concen: 20.88 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001682.D
Acq: 12 May 2018 22:28

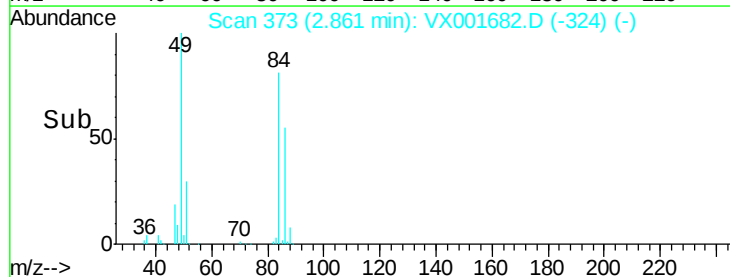
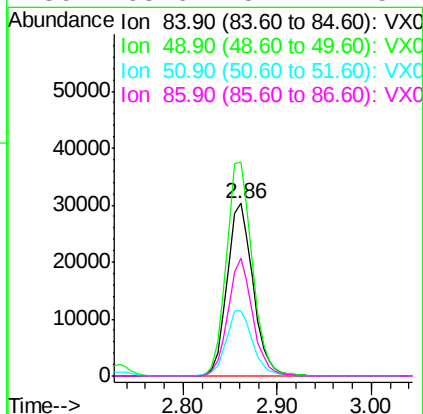
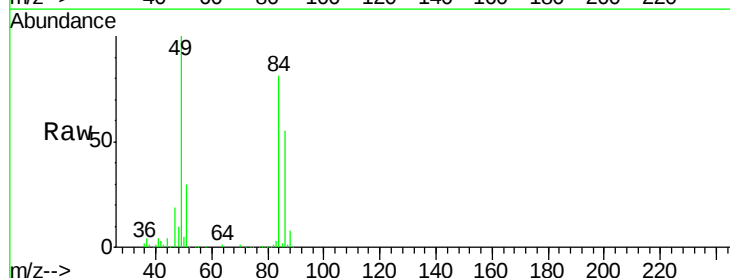
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS02

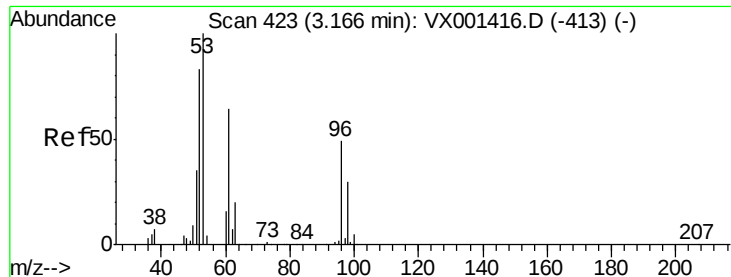
Tgt Ion: 73 Resp: 178396
Ion Ratio Lower Upper
73 100
57 22.1 17.0 25.6



#20
Methylene Chloride
Concen: 20.20 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001682.D
Acq: 12 May 2018 22:28

Tgt Ion: 84 Resp: 57873
Ion Ratio Lower Upper
84 100
49 123.9 96.6 144.8
51 37.7 29.0 43.4
86 68.6 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 18.94 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS02

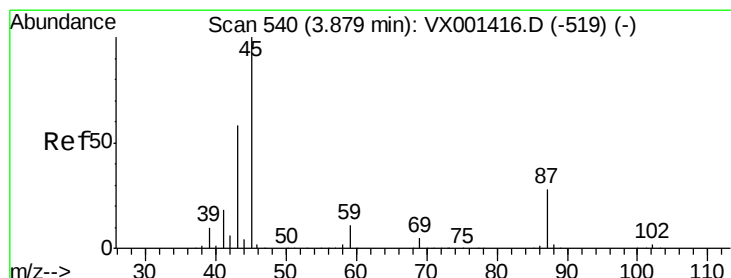
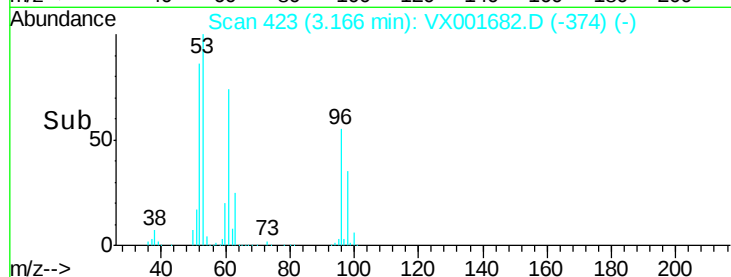
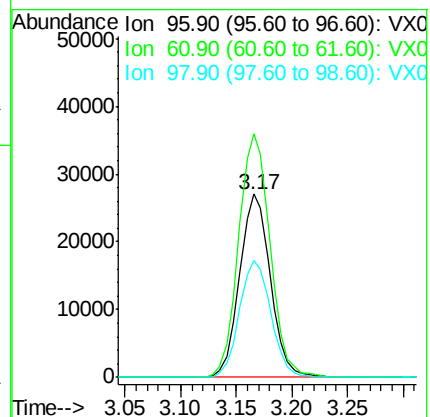
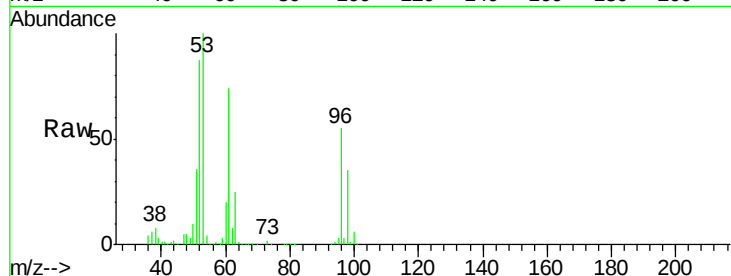
Tgt Ion: 96 Resp: 51869

Ion Ratio Lower Upper

96 100

61 133.0 105.0 157.4

98 64.1 49.9 74.9



#22

Diisopropyl ether

Concen: 20.86 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

Tgt Ion: 45 Resp: 178270

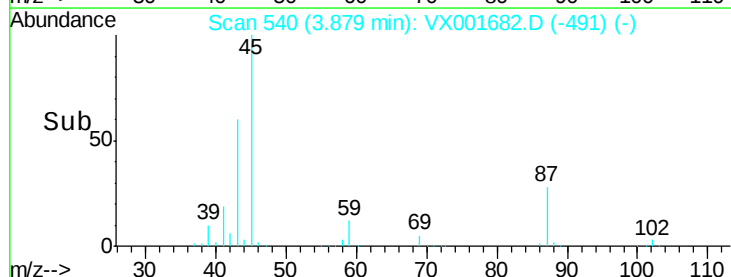
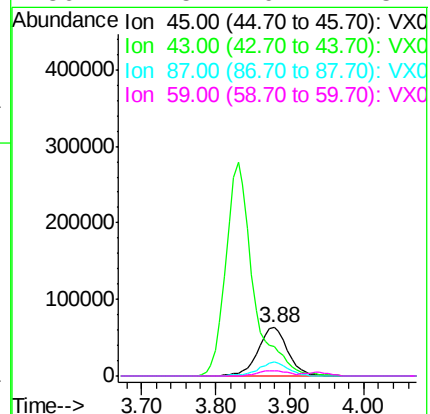
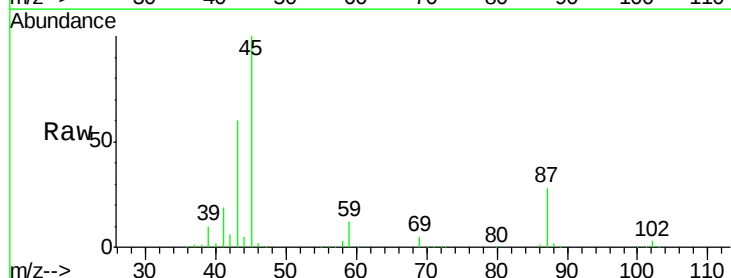
Ion Ratio Lower Upper

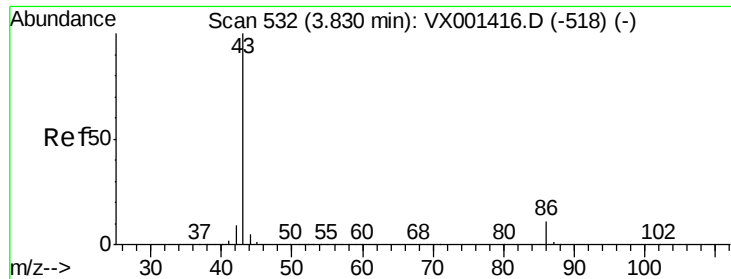
45 100

43 59.8 46.5 69.7

87 28.1 22.6 34.0

59 11.5 9.1 13.7





#23

Vinyl Acetate

Concen: 100.44 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

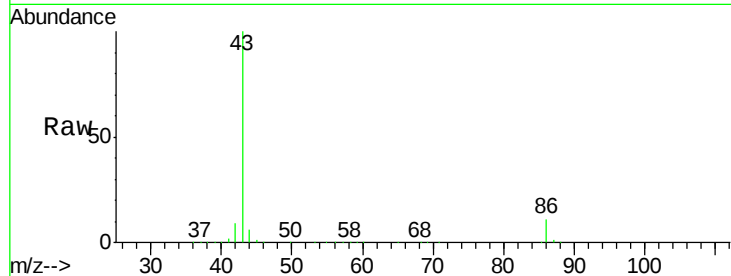
VX0512WBS02

Tgt Ion: 43 Resp: 71537

Ion Ratio Lower Upper

43 100

86 10.6 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

250000

200000

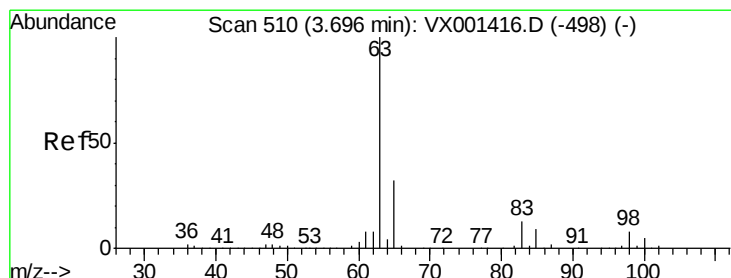
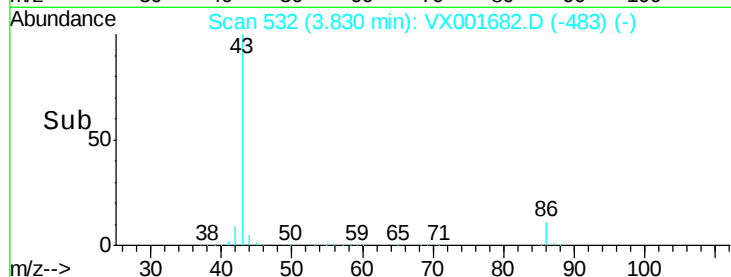
150000

100000

50000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 20.28 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

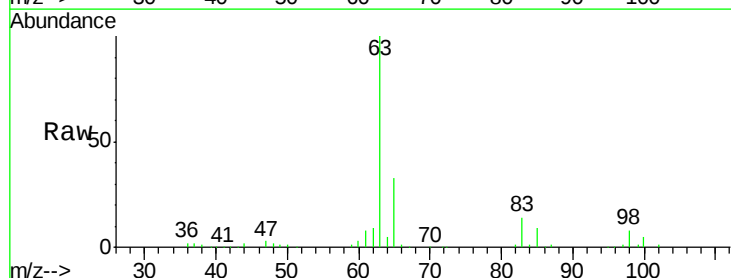
Tgt Ion: 63 Resp: 96826

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 5.1 2.4 7.1



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

40000

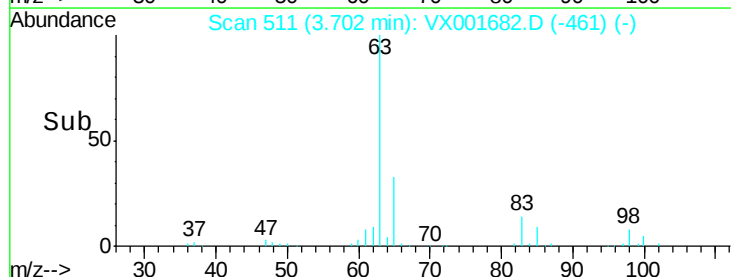
30000

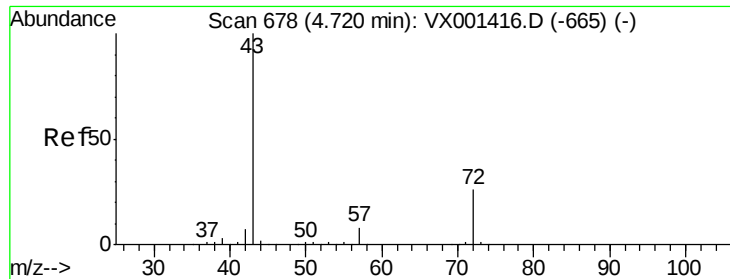
20000

10000

0

Time--> 3.60 3.70 3.80 3.90





#25

2-Butanone

Concen: 102.29 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

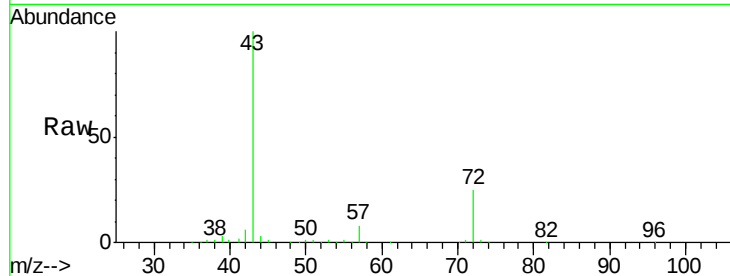
VX0512WBS02

Tgt Ion: 43 Resp: 213983

Ion Ratio Lower Upper

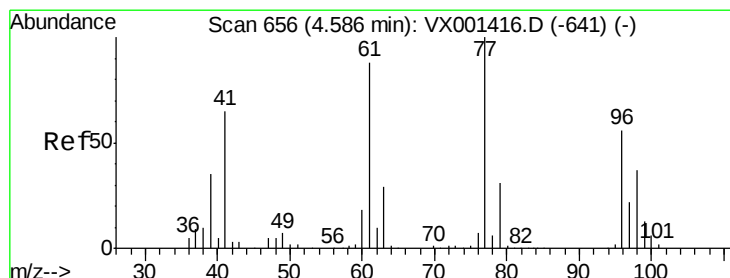
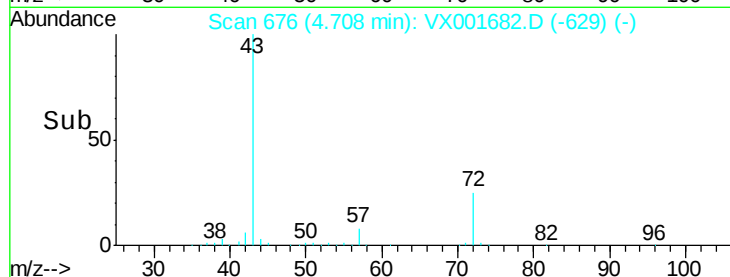
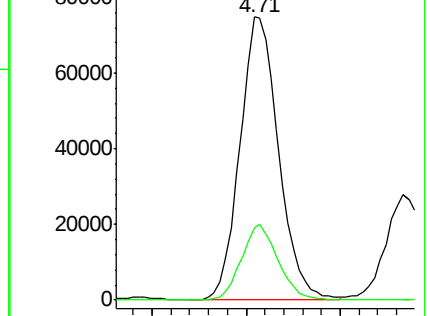
43 100

72 25.5 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.43 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001682.D

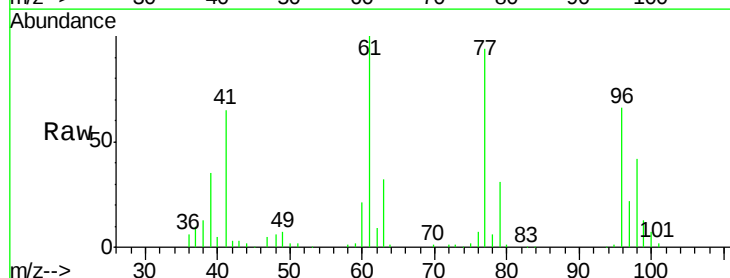
Acq: 12 May 2018 22:28

Tgt Ion: 77 Resp: 64272

Ion Ratio Lower Upper

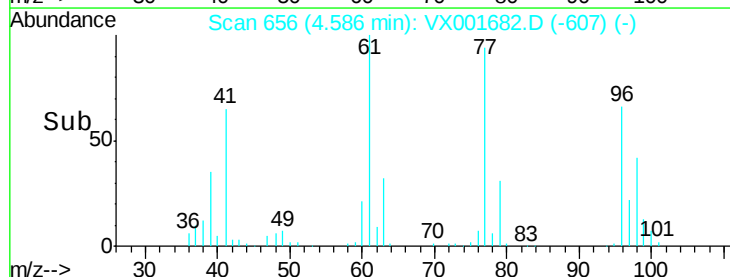
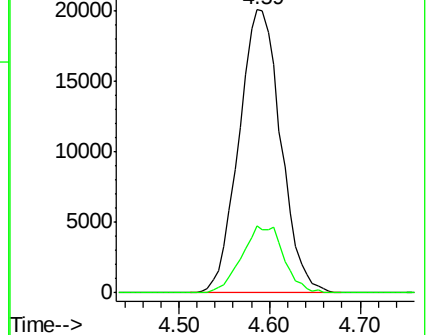
77 100

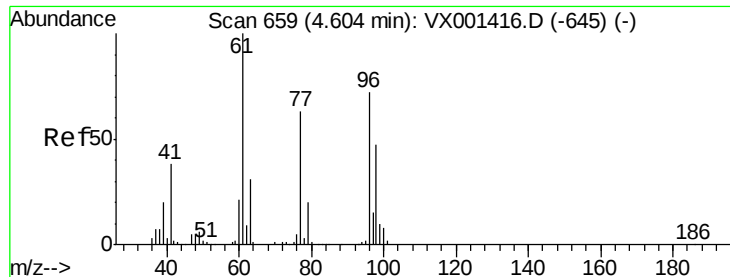
97 23.8 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 20.71 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS02

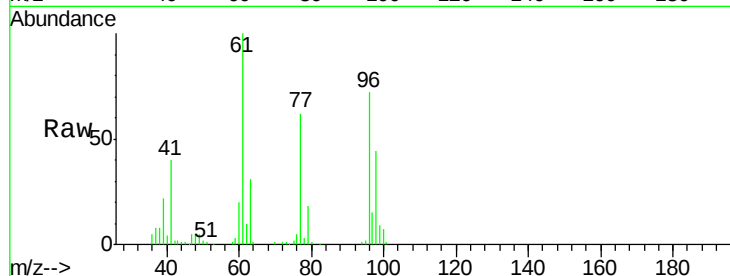
Tgt Ion: 96 Resp: 60392

Ion Ratio Lower Upper

96 100

61 144.0 0.0 301.6

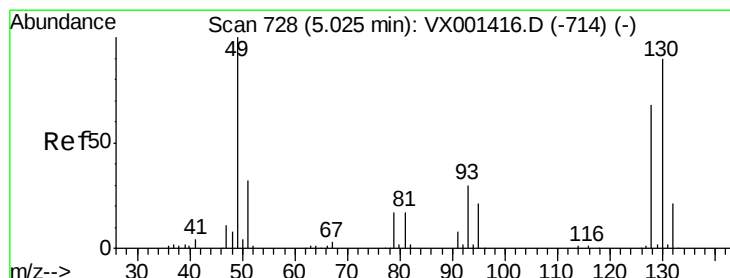
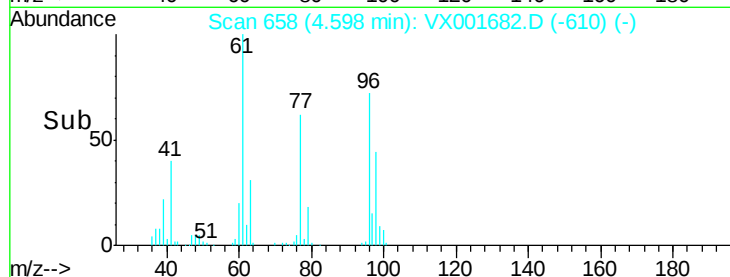
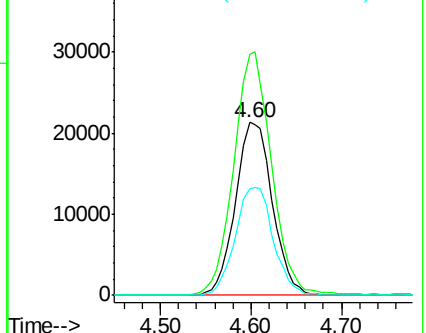
98 64.1 0.0 131.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 23.19 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

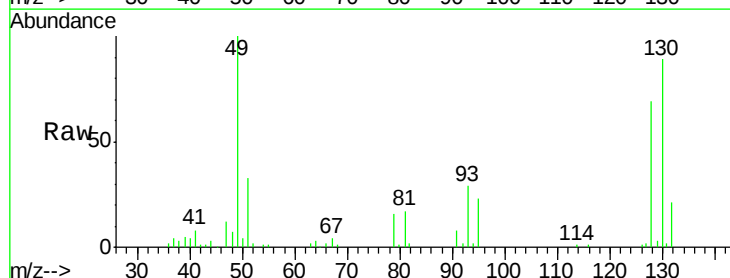
Tgt Ion: 49 Resp: 48016

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.8

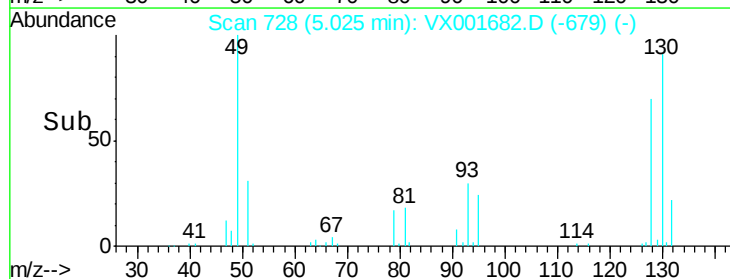
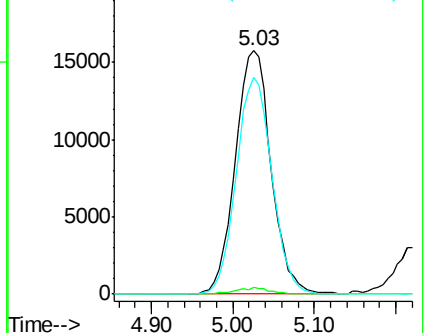
130 88.3 71.9 107.9

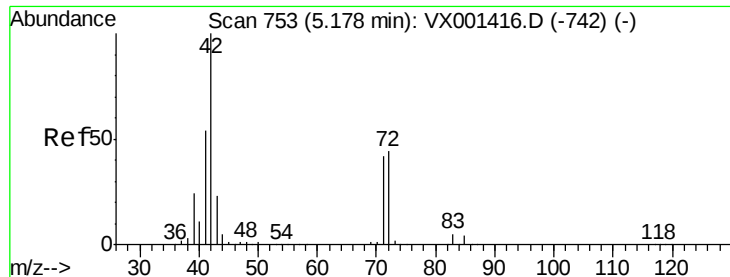


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 100.93 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS02

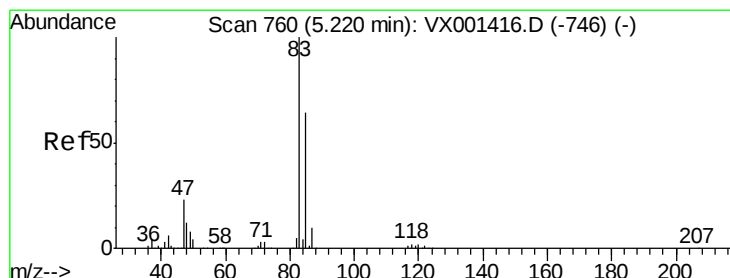
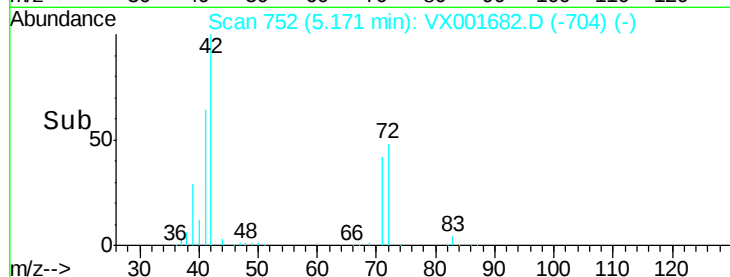
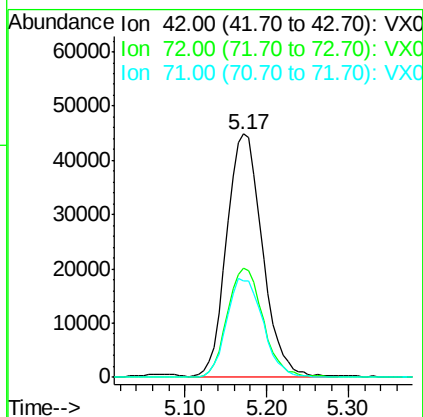
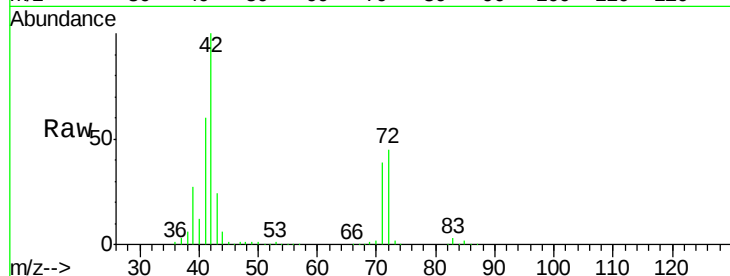
Tgt Ion: 42 Resp: 135091

Ion Ratio Lower Upper

42 100

72 45.3 35.4 53.2

71 41.7 33.0 49.4



#30

Chloroform

Concen: 21.39 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001682.D

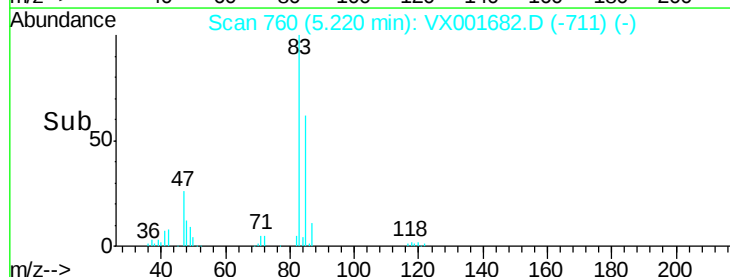
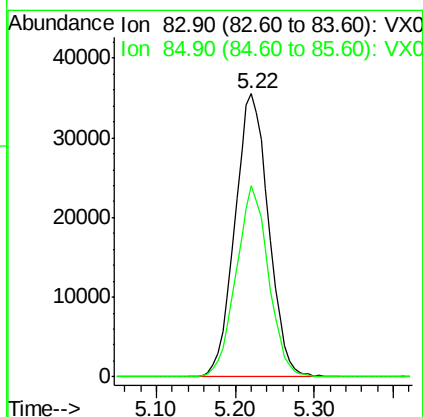
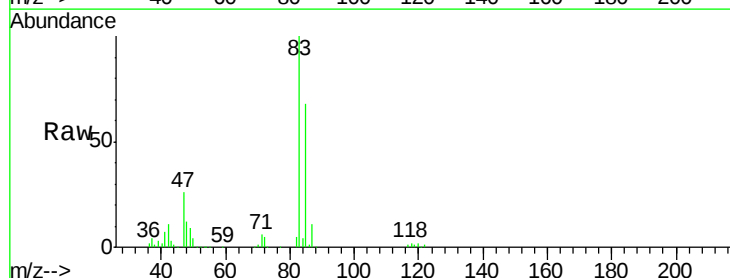
Acq: 12 May 2018 22:28

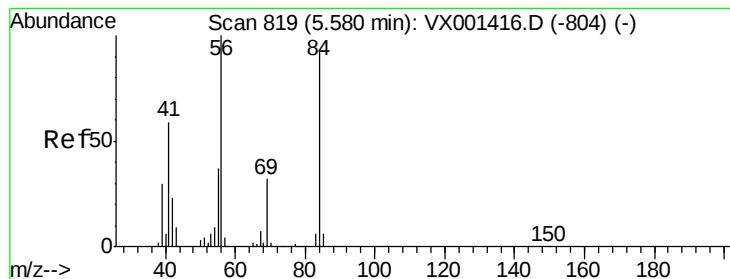
Tgt Ion: 83 Resp: 105231

Ion Ratio Lower Upper

83 100

85 67.5 51.0 76.4





#31

Cyclohexane

Concen: 19.09 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS02

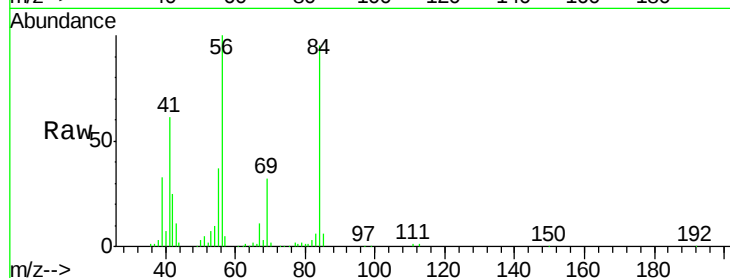
Tgt Ion: 56 Resp: 78278

Ion Ratio Lower Upper

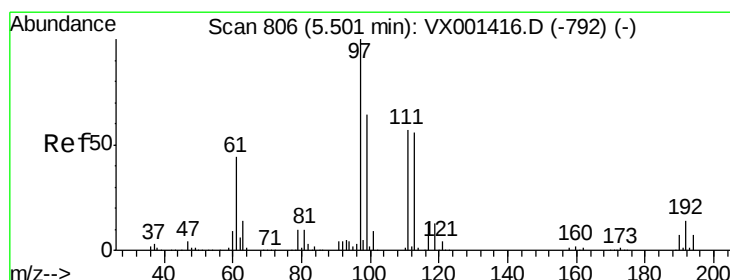
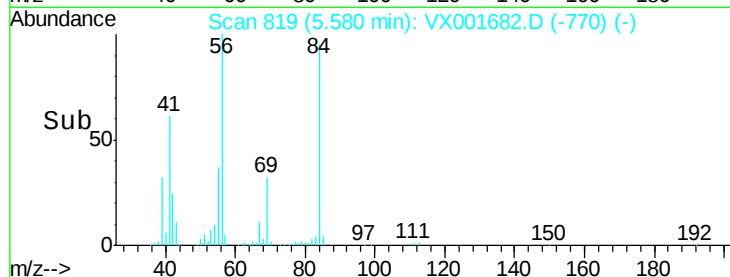
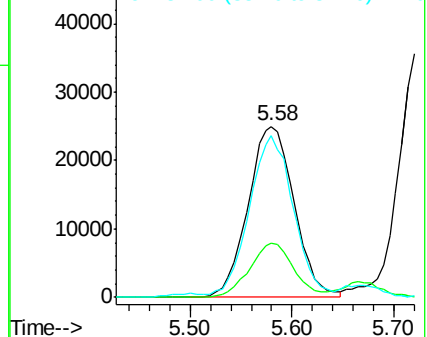
56 100

69 31.7 25.4 38.0

84 92.3 73.8 110.8



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 21.27 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

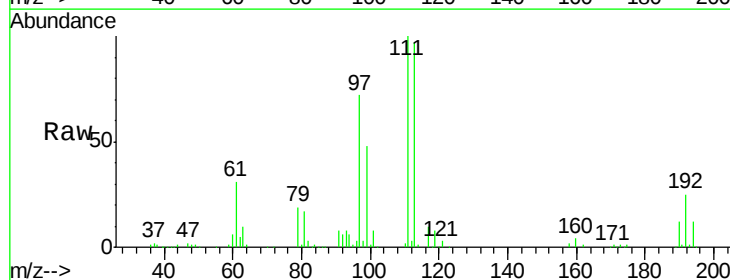
Tgt Ion: 97 Resp: 91424

Ion Ratio Lower Upper

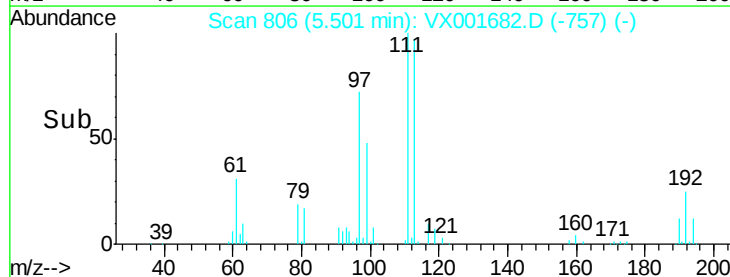
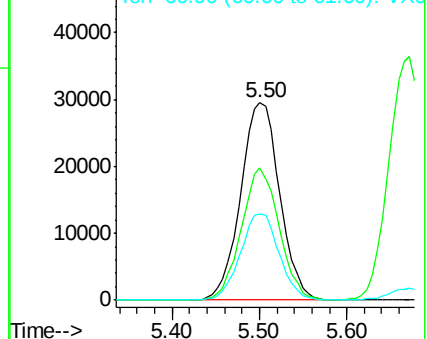
97 100

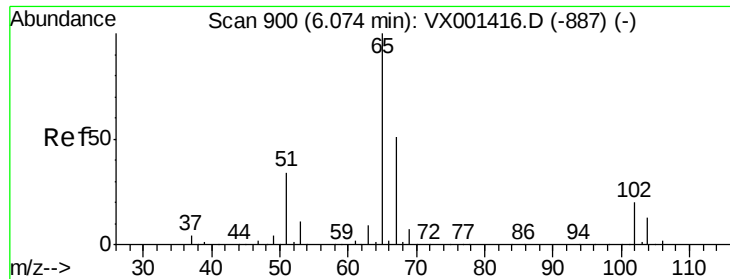
99 64.9 51.3 76.9

61 43.5 34.8 52.2



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

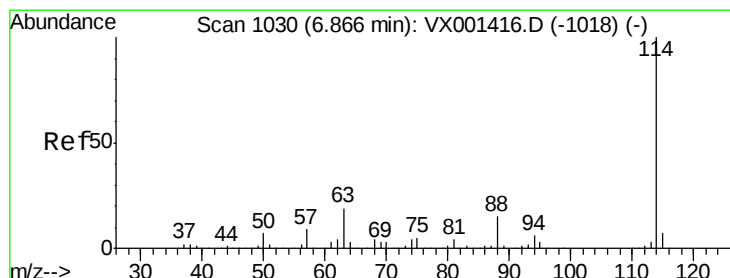
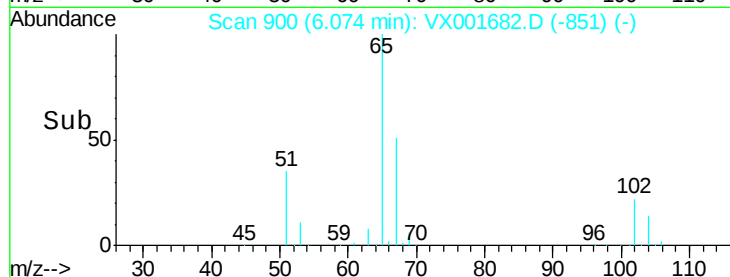
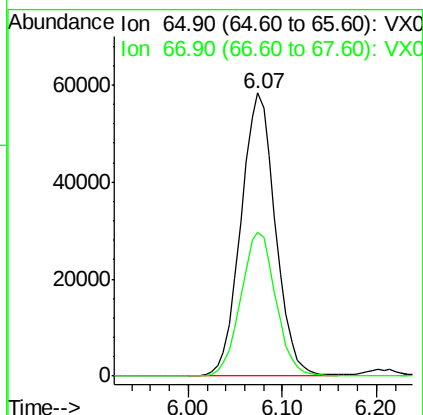
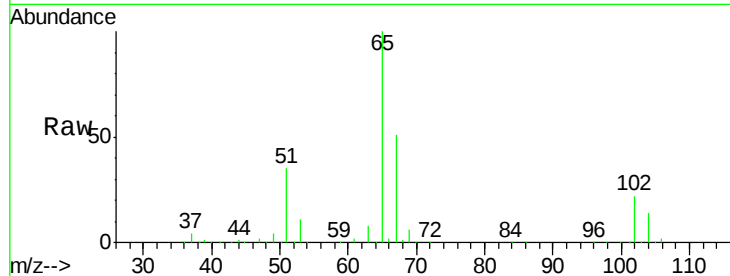




#33
 1,2-Dichloroethane-d4
 Concen: 46.96 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001682.D
 Acq: 12 May 2018 22:28

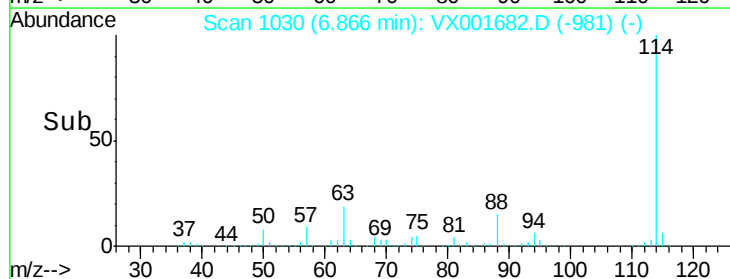
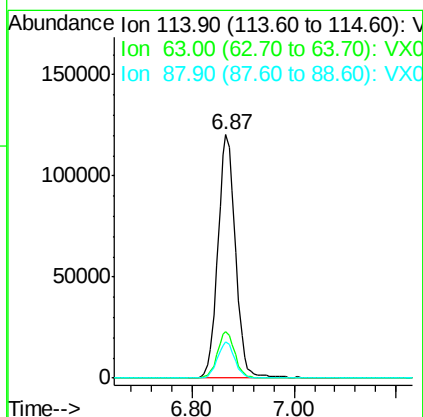
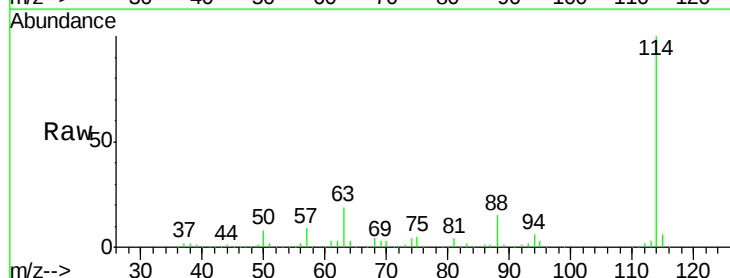
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS02

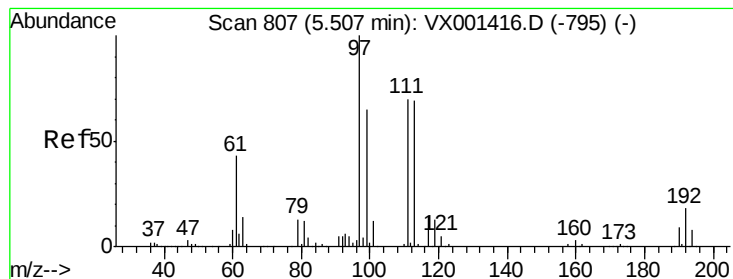
Tgt Ion: 65 Resp: 149684
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001682.D
 Acq: 12 May 2018 22:28

Tgt Ion: 114 Resp: 288964
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.0 0.0 30.8





#35

Dibromofluoromethane

Concen: 48.92 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS02

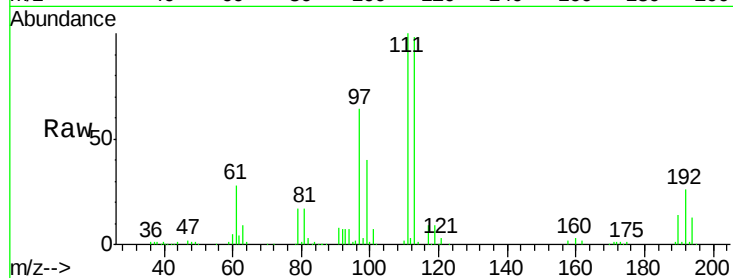
Tgt Ion:113 Resp: 125740

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.2

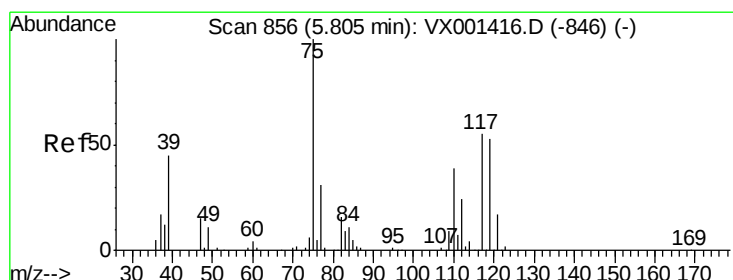
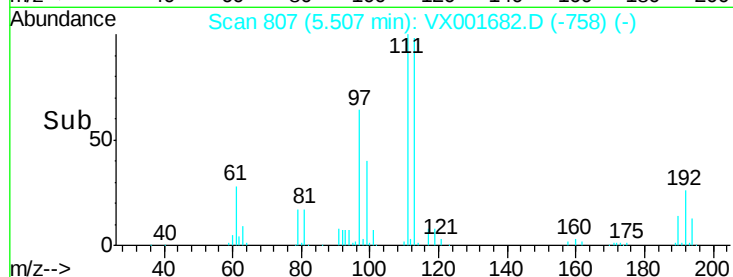
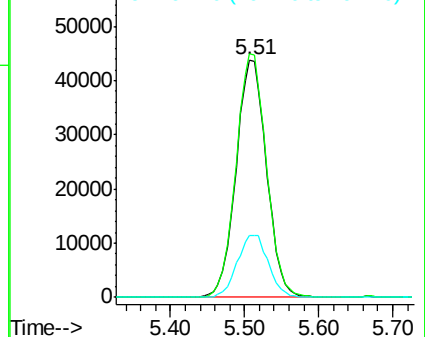
192 26.7 21.4 32.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.98 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.01 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

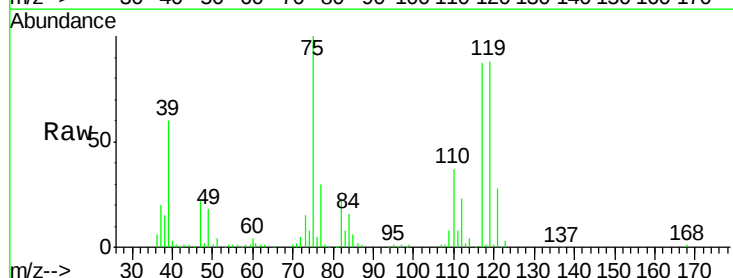
Tgt Ion: 75 Resp: 69773

Ion Ratio Lower Upper

75 100

110 38.3 18.9 56.7

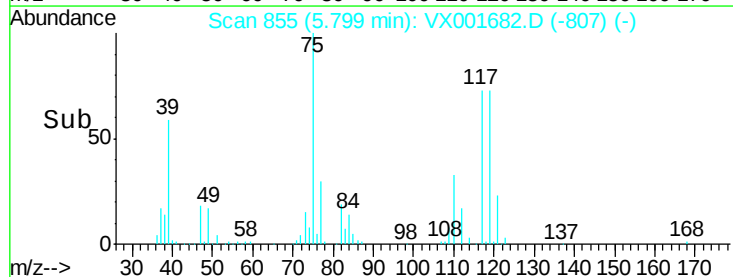
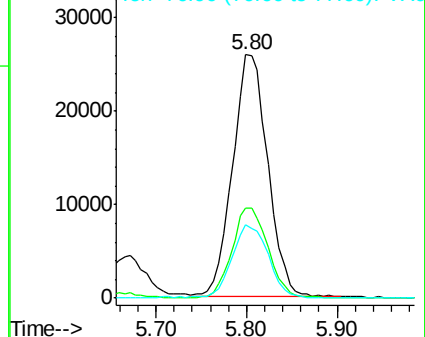
77 31.4 24.9 37.3

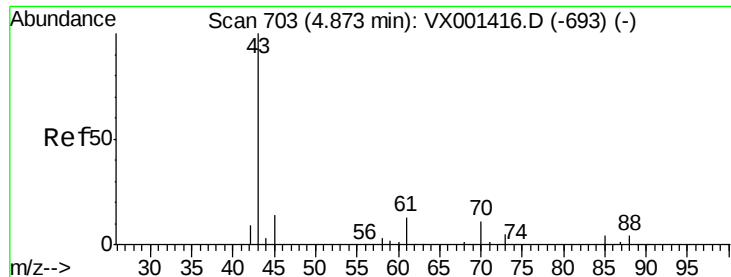


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

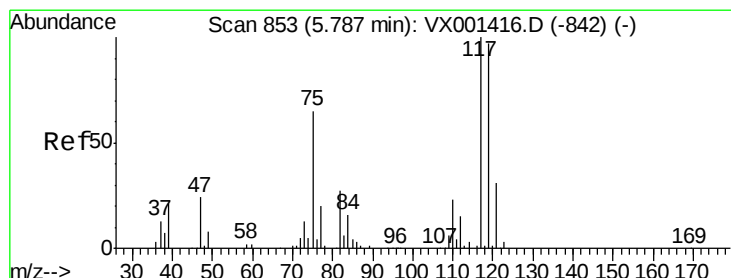
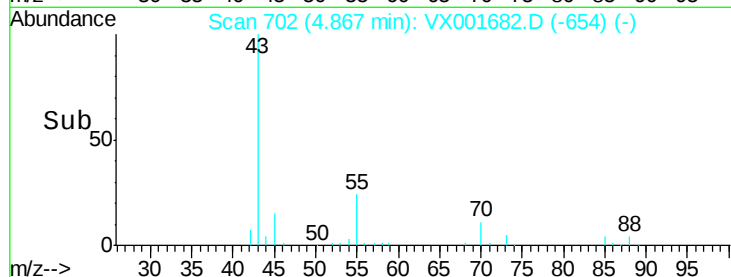
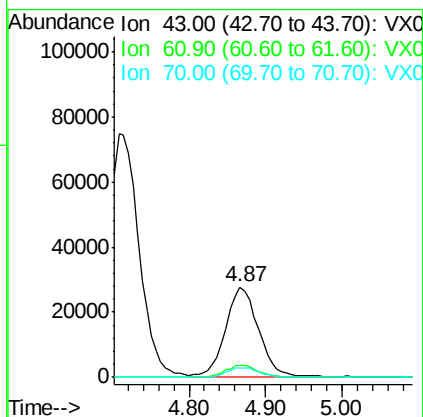
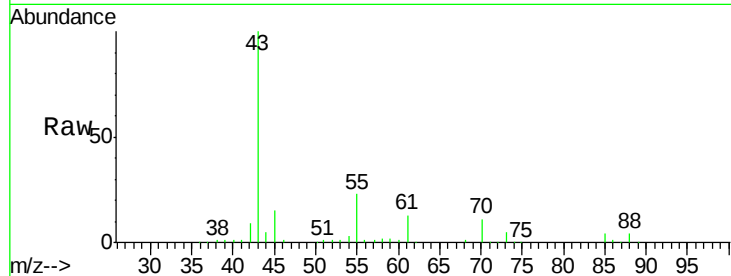




#37
Ethyl Acetate
Concen: 20.34 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001682.D
Acq: 12 May 2018 22:28

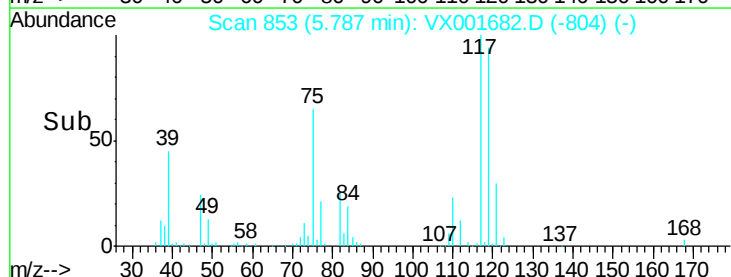
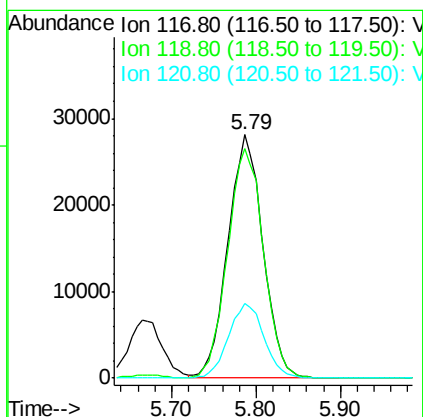
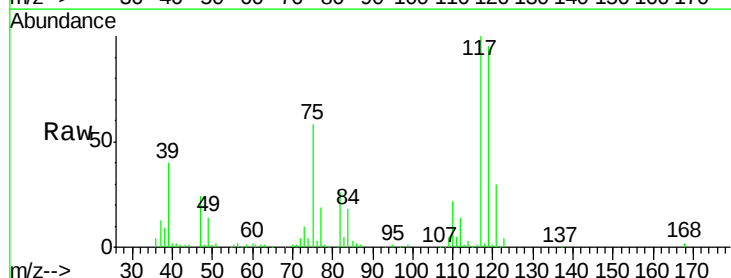
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS02

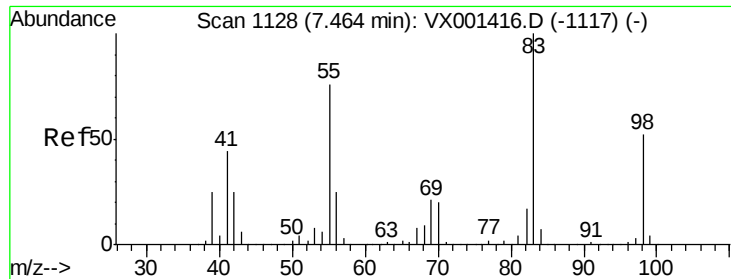
Tgt Ion: 43 Resp: 81952
Ion Ratio Lower Upper
43 100
61 13.5 10.7 16.1
70 10.8 8.4 12.6



#38
Carbon Tetrachloride
Concen: 20.20 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001682.D
Acq: 12 May 2018 22:28

Tgt Ion: 117 Resp: 79172
Ion Ratio Lower Upper
117 100
119 94.5 77.0 115.6
121 30.5 25.1 37.7

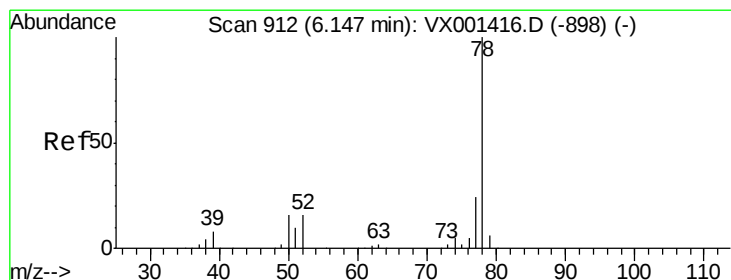
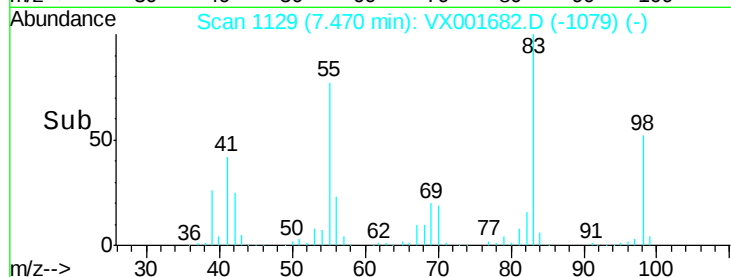
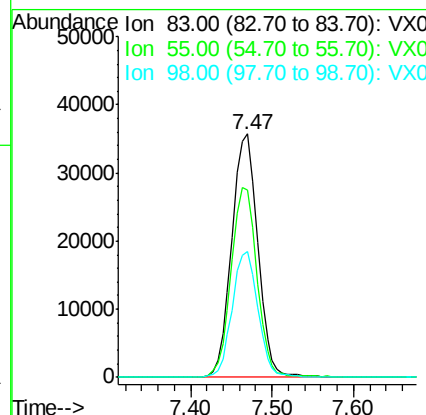
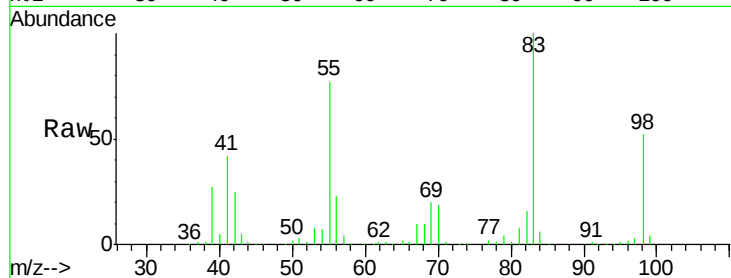




#39
Methylcyclohexane
Concen: 18.19 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX001682.D
Acq: 12 May 2018 22:28

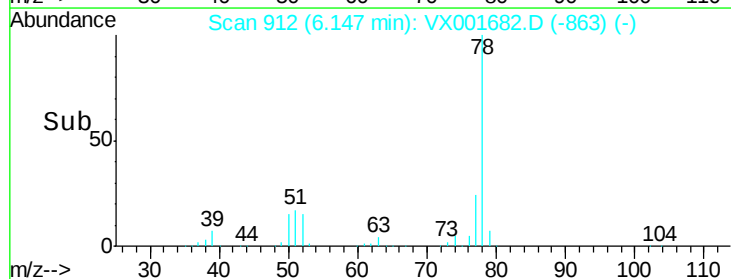
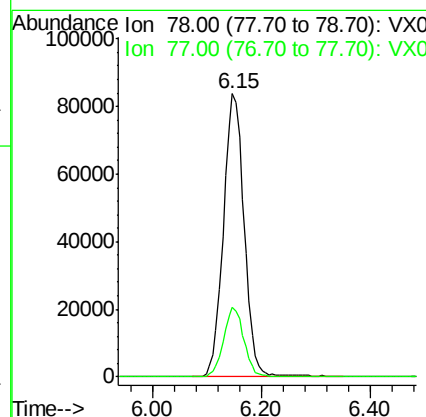
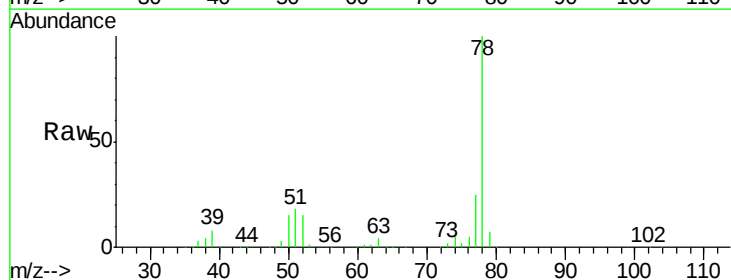
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS02

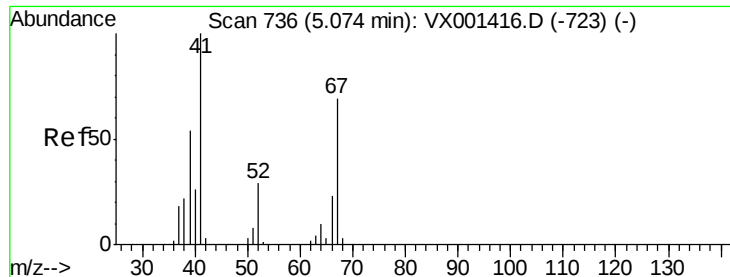
Tgt Ion: 83 Resp: 79067
Ion Ratio Lower Upper
83 100
55 77.1 60.9 91.3
98 51.6 41.9 62.9



#40
Benzene
Concen: 20.75 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001682.D
Acq: 12 May 2018 22:28

Tgt Ion: 78 Resp: 222757
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.2





#41

Methacrylonitrile

Concen: 20.20 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS02

Tgt Ion: 41 Resp: 46570

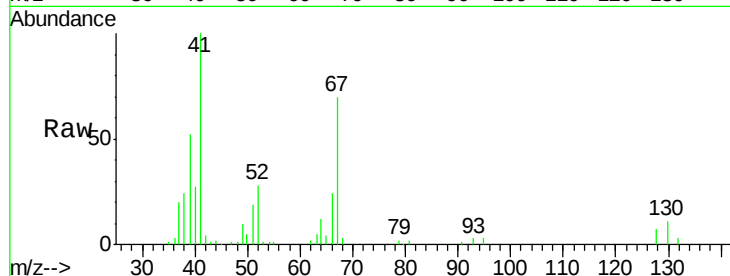
Ion Ratio Lower Upper

41 100

39 56.2 45.0 67.6

67 69.2 55.0 82.6

52 28.1 23.4 35.0

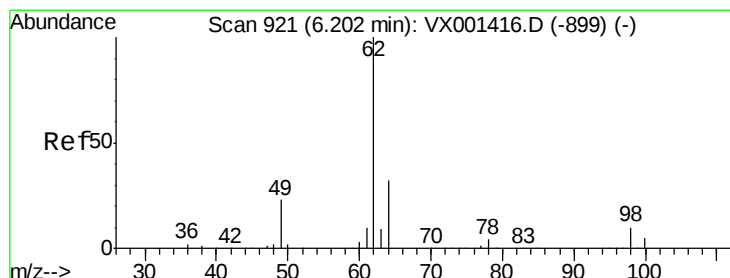
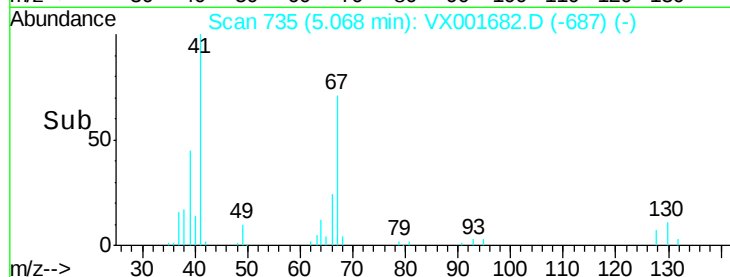
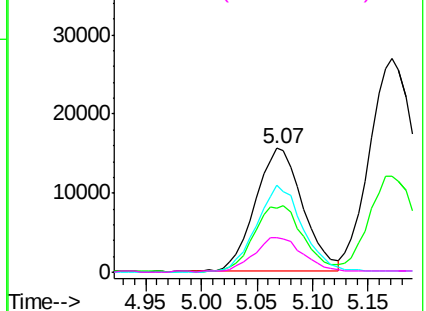


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 21.17 ug/l

RT: 6.21 min Scan# 922

Delta R.T. 0.01 min

Lab File: VX001682.D

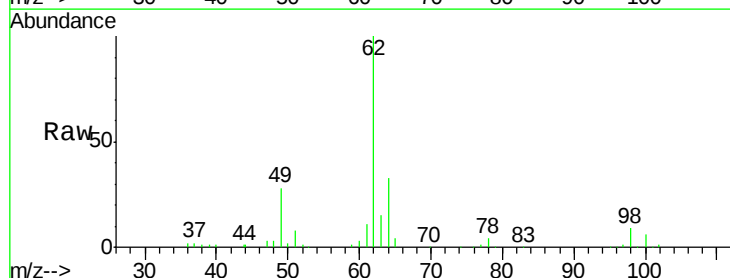
Acq: 12 May 2018 22:28

Tgt Ion: 62 Resp: 87350

Ion Ratio Lower Upper

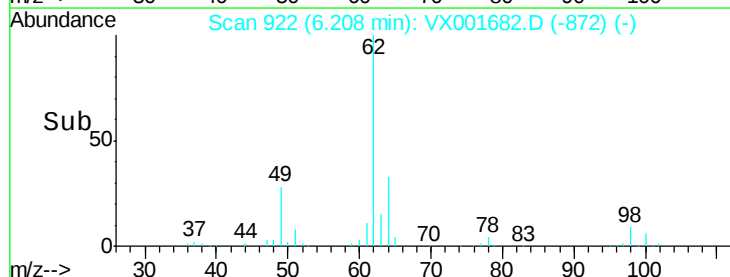
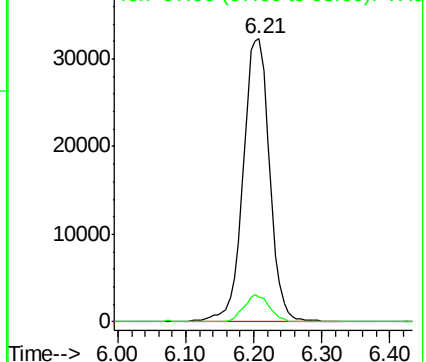
62 100

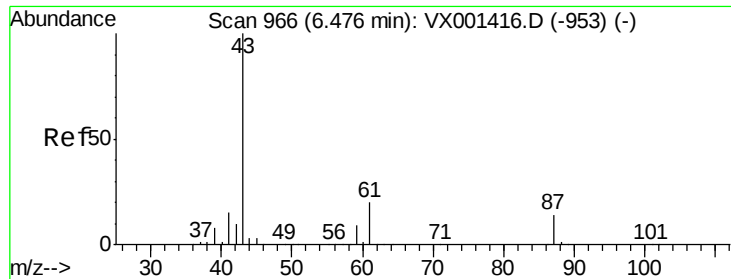
98 9.3 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.07 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS02

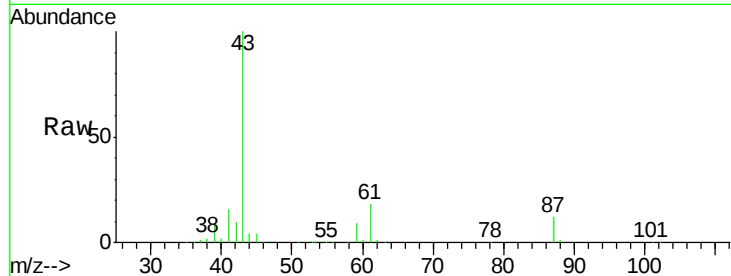
Tgt Ion: 43 Resp: 124112

Ion Ratio Lower Upper

43 100

61 19.1 15.4 23.0

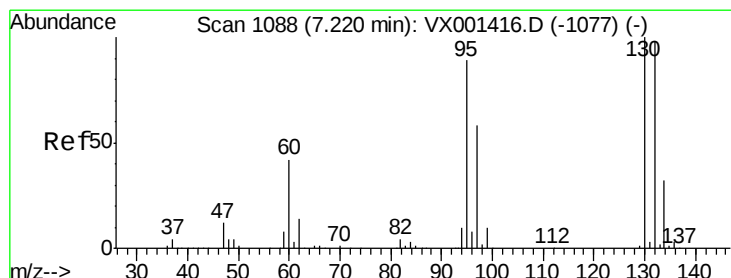
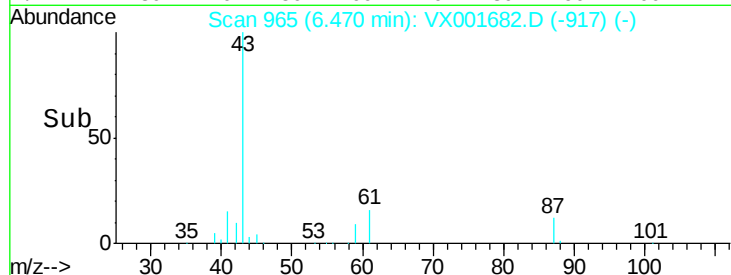
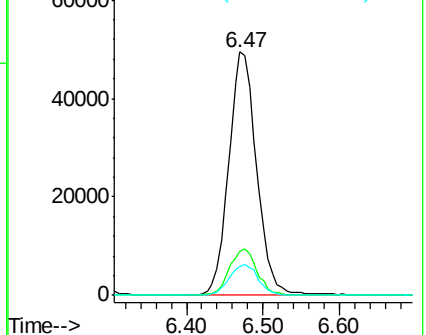
87 13.1 10.8 16.2



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: 20.45 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001682.D

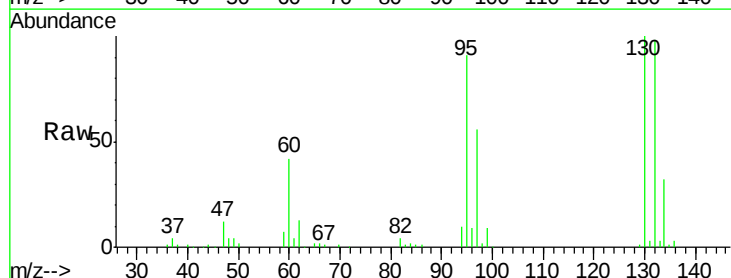
Acq: 12 May 2018 22:28

Tgt Ion: 130 Resp: 67117

Ion Ratio Lower Upper

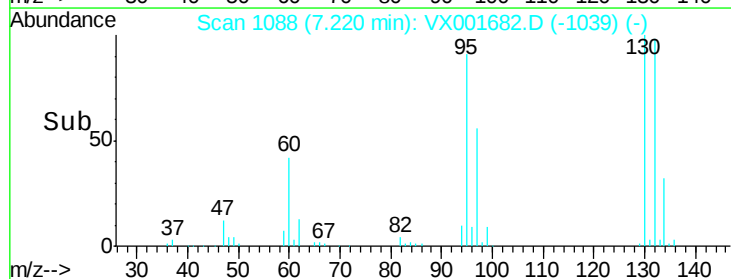
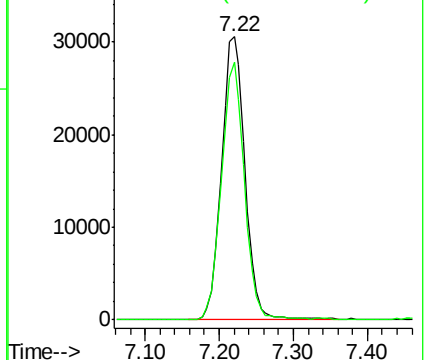
130 100

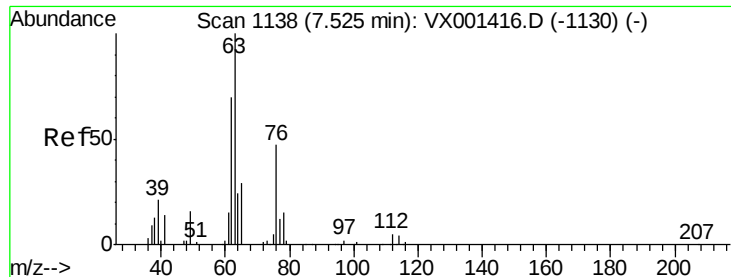
95 91.0 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.95 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

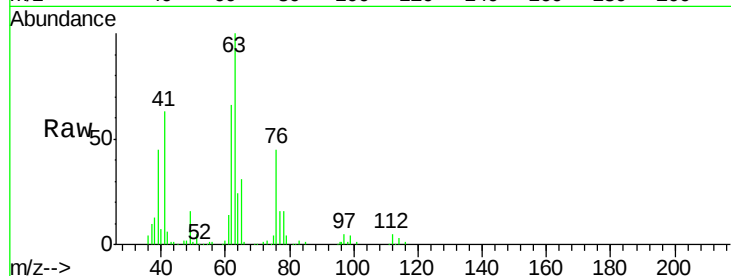
VX0512WBS02

Tgt Ion: 63 Resp: 56072

Ion Ratio Lower Upper

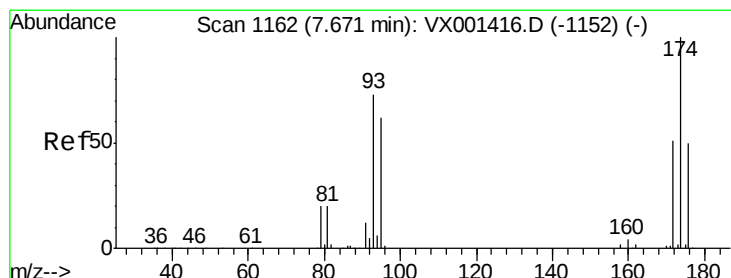
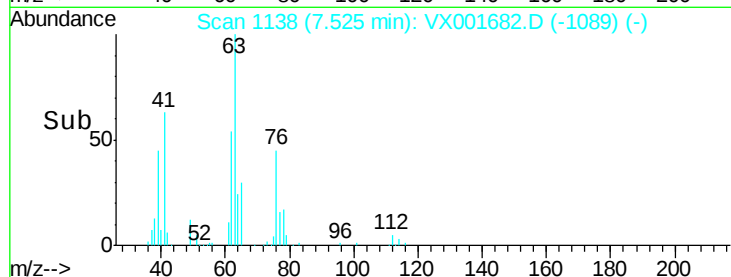
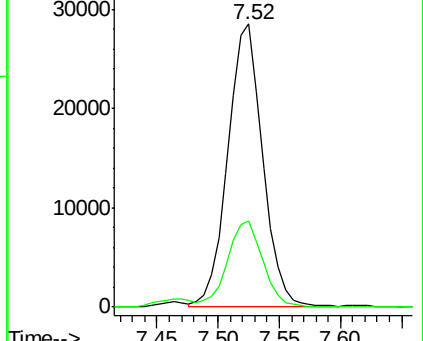
63 100

65 30.4 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.88 ug/l

RT: 7.66 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

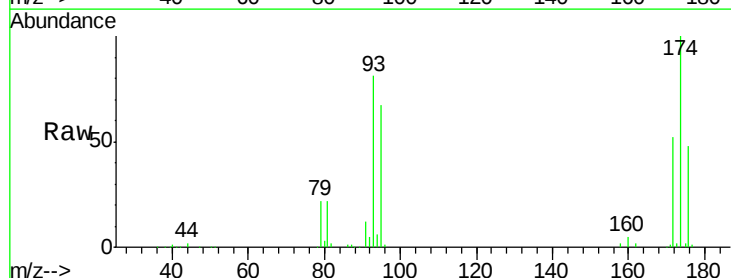
Tgt Ion: 93 Resp: 39561

Ion Ratio Lower Upper

93 100

95 83.4 67.0 100.4

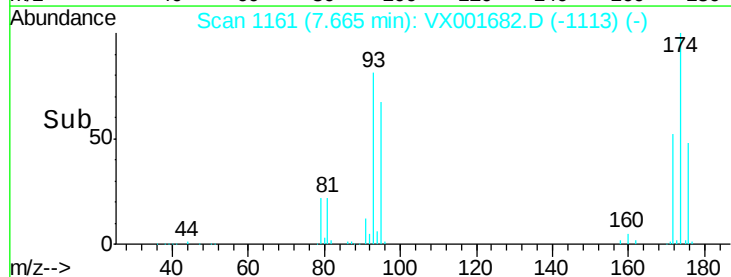
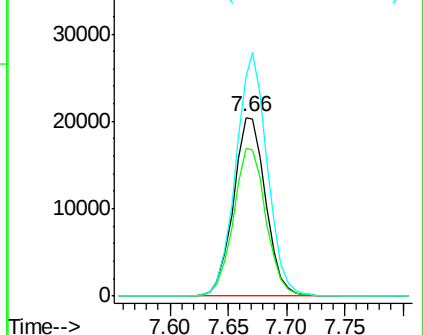
174 131.8 104.5 156.7

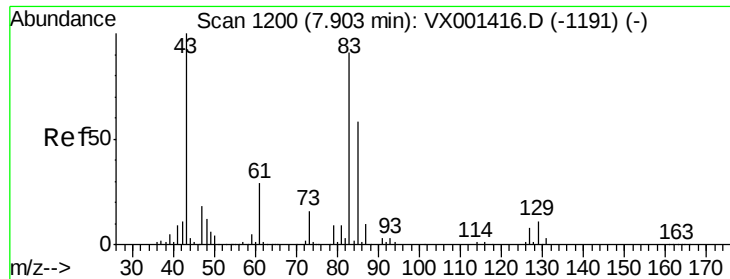


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.33 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS02

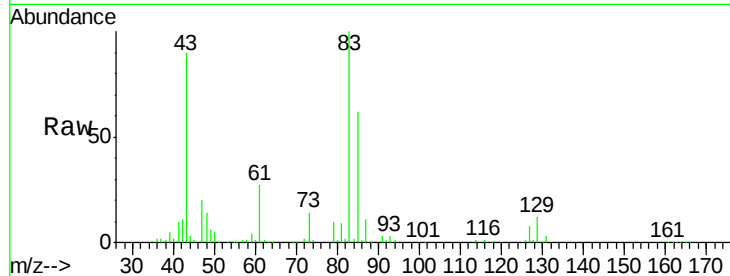
Tgt Ion: 83 Resp: 74816

Ion Ratio Lower Upper

83 100

85 62.3 51.0 76.6

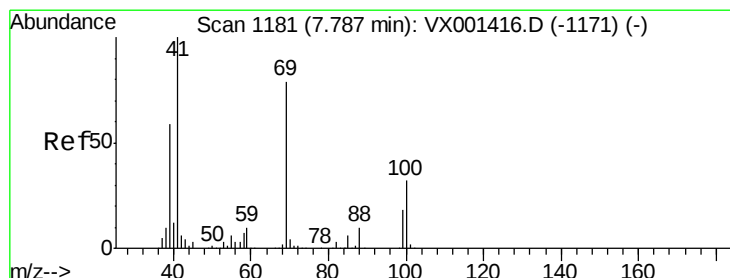
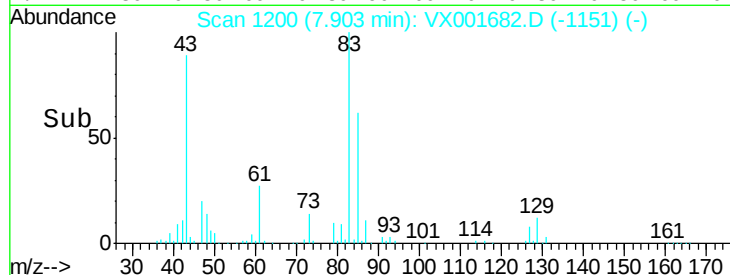
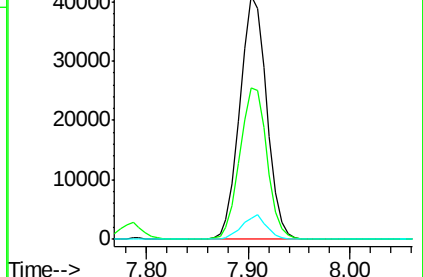
127 8.4 7.4 11.2



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: 19.98 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

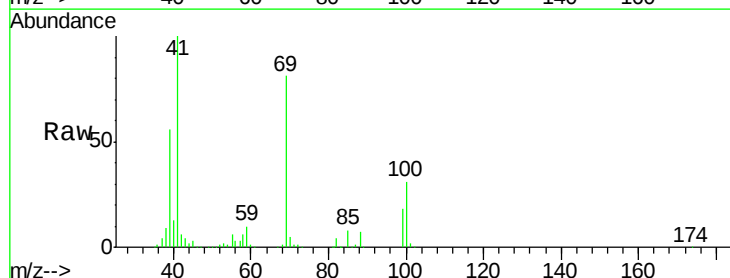
Tgt Ion: 41 Resp: 67306

Ion Ratio Lower Upper

41 100

69 79.0 63.4 95.2

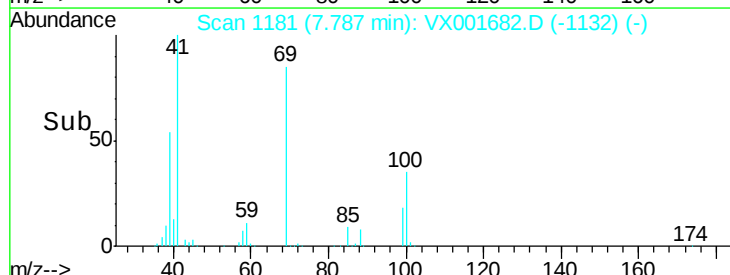
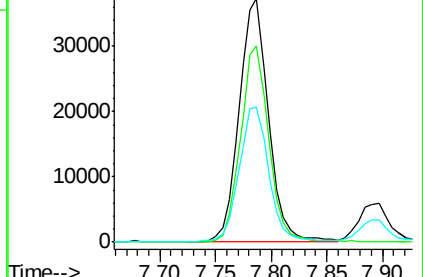
39 56.3 47.0 70.4

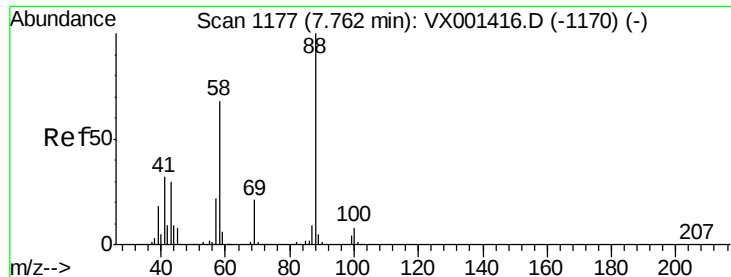


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 404.25 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS02

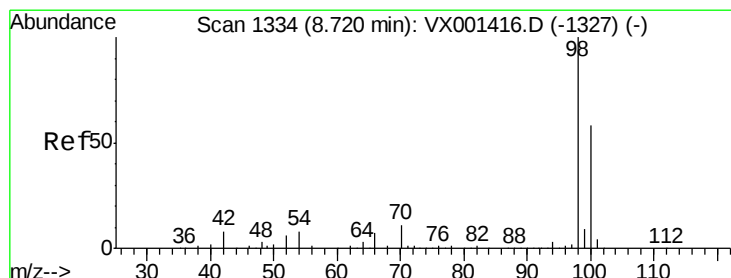
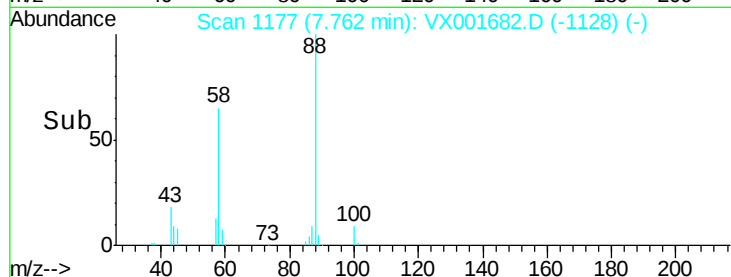
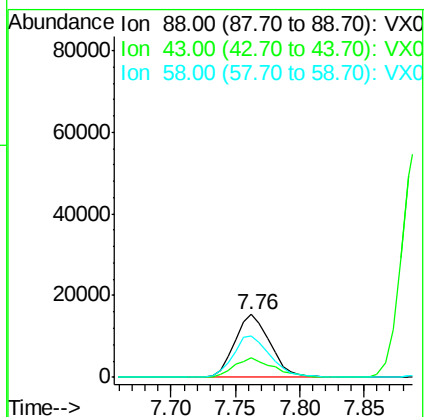
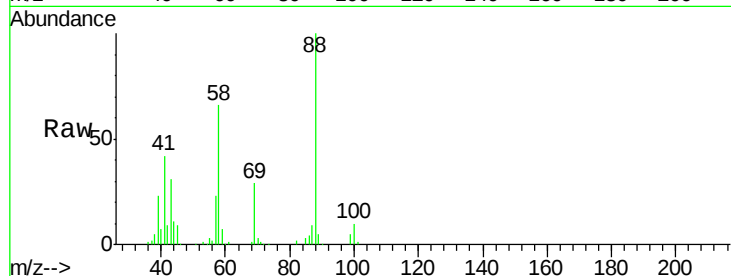
Tgt Ion: 88 Resp: 29416

Ion Ratio Lower Upper

88 100

43 34.1 26.4 39.6

58 70.2 54.1 81.1



#50

Toluene-d8

Concen: 46.29 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001682.D

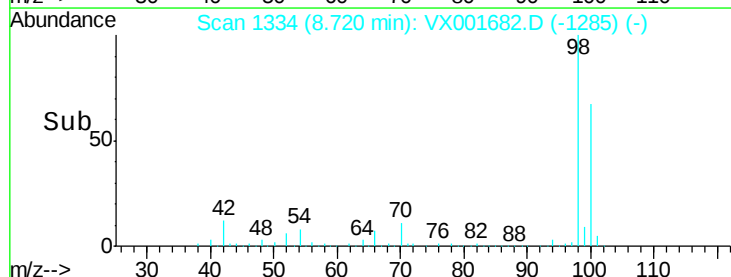
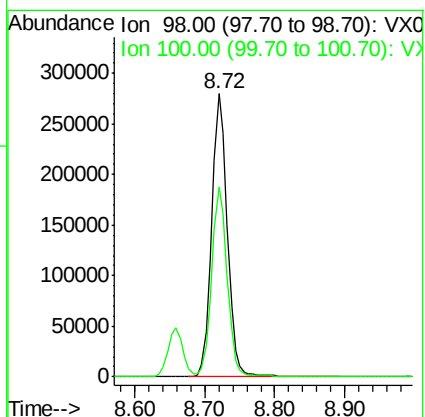
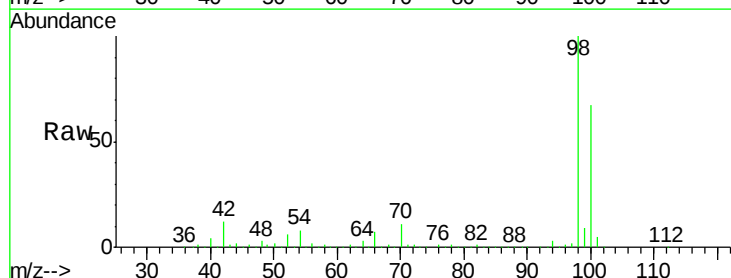
Acq: 12 May 2018 22:28

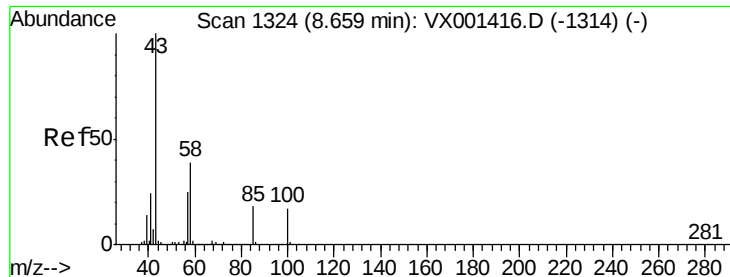
Tgt Ion: 98 Resp: 434317

Ion Ratio Lower Upper

98 100

100 67.0 54.0 81.0

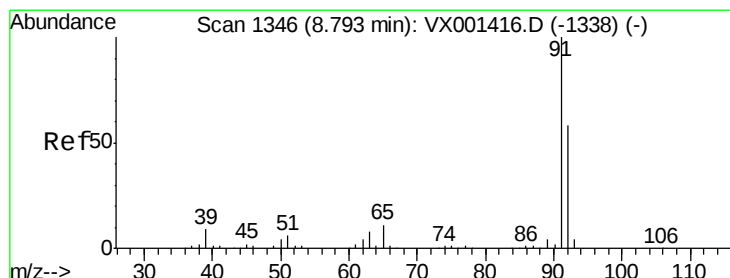
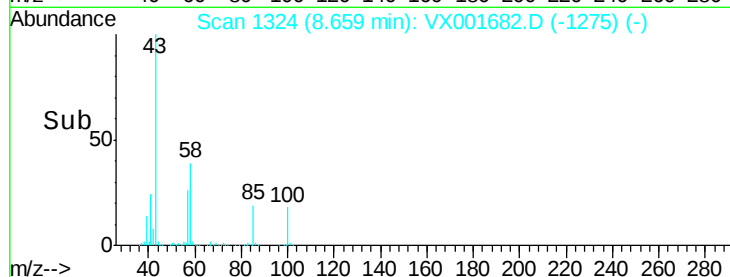
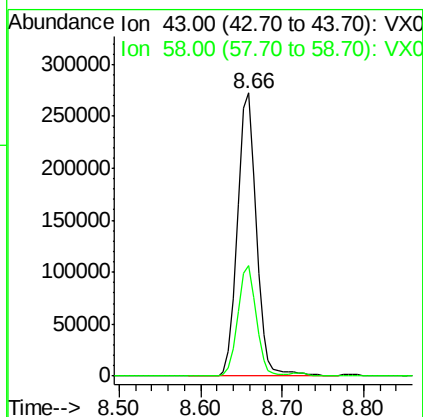
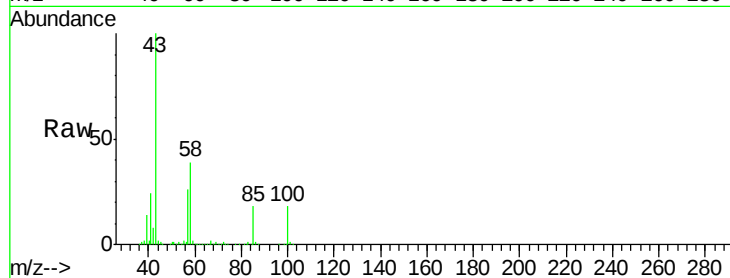




#51
4-Methyl-2-Pentanone
Concen: 105.09 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001682.D
Acq: 12 May 2018 22:28

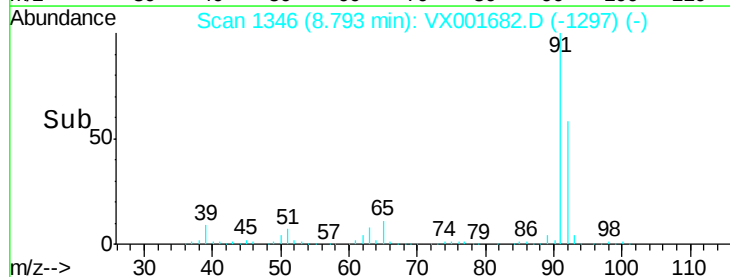
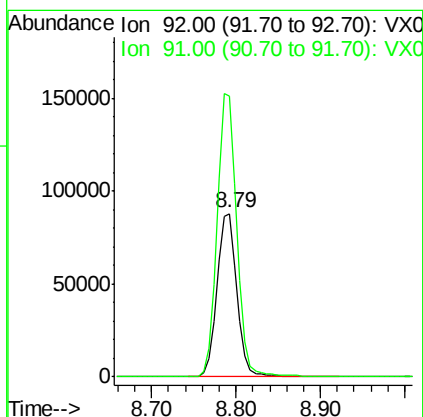
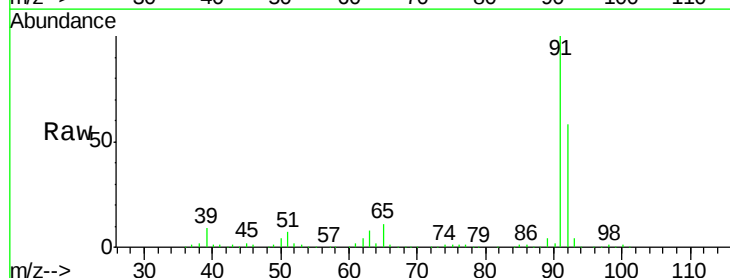
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS02

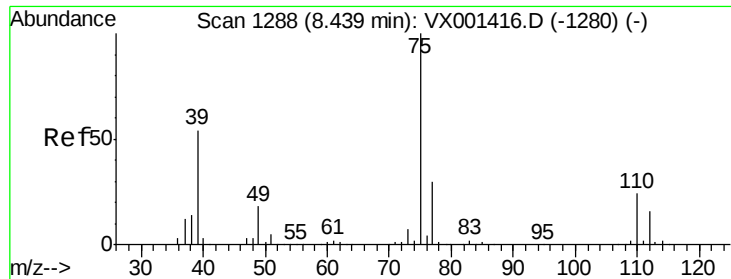
Tgt Ion: 43 Resp: 431932
Ion Ratio Lower Upper
43 100
58 37.9 30.8 46.2



#52
Toluene
Concen: 20.52 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX001682.D
Acq: 12 May 2018 22:28

Tgt Ion: 92 Resp: 144076
Ion Ratio Lower Upper
92 100
91 172.1 135.2 202.8

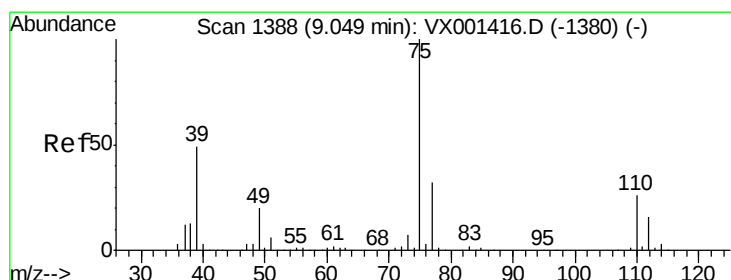
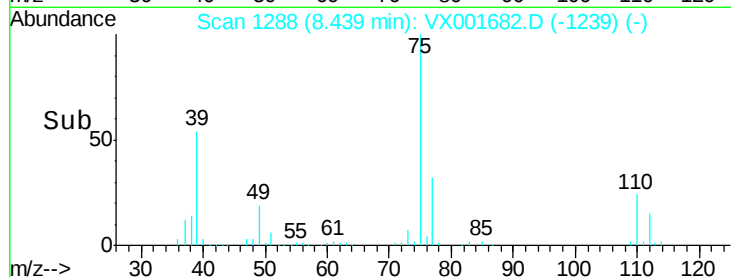
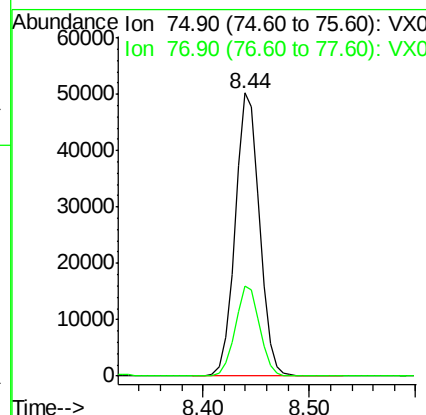
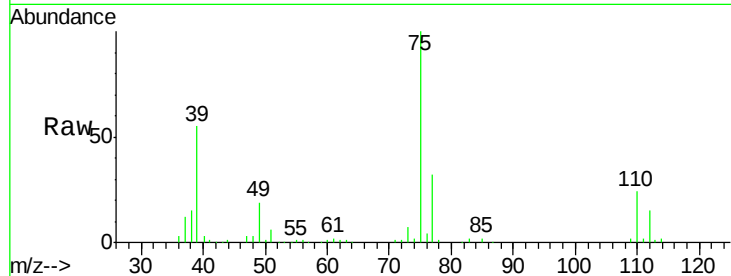




#53
 t-1,3-Dichloropropene
 Concen: 20.30 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX001682.D
 Acq: 12 May 2018 22:28

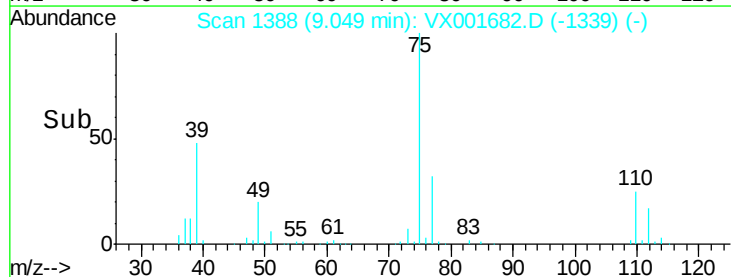
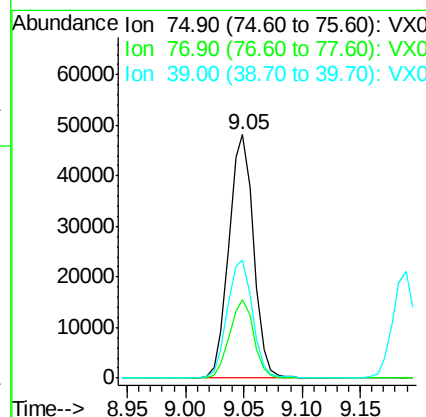
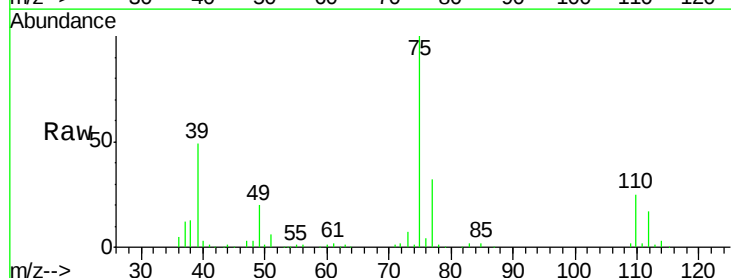
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS02

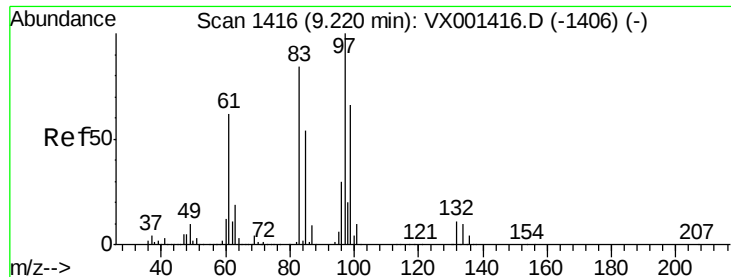
Tgt Ion: 75 Resp: 80460
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.2 36.4



#54
 cis-1,3-Dichloropropene
 Concen: 18.71 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001682.D
 Acq: 12 May 2018 22:28

Tgt Ion: 75 Resp: 70579
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.5 38.3
 39 48.4 38.9 58.3

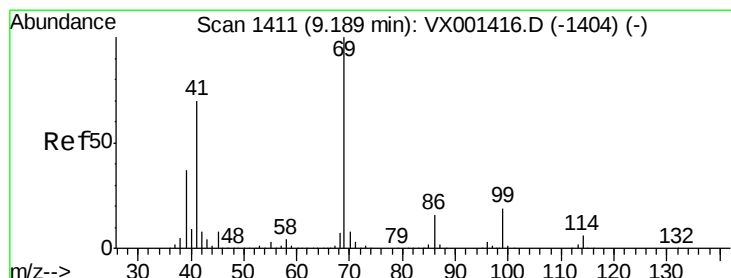
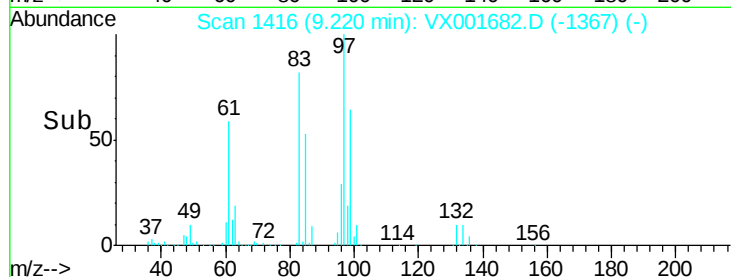
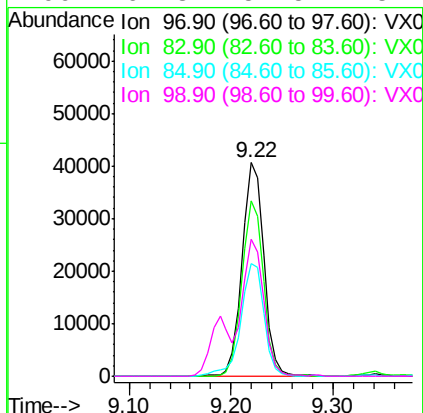
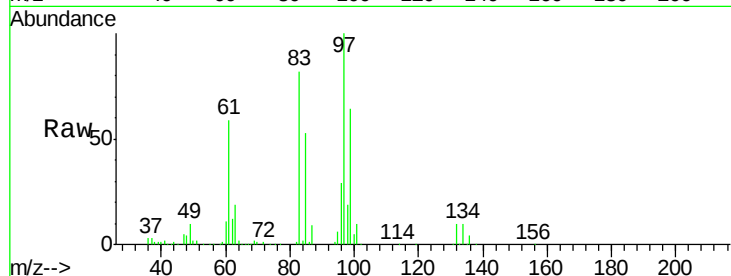




#55
 1,1,2-Trichloroethane
 Concen: 21.27 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001682.D
 Acq: 12 May 2018 22:28

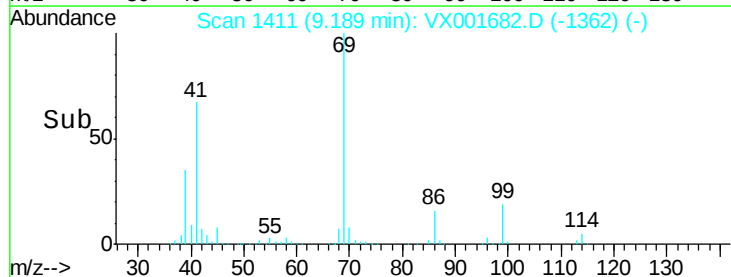
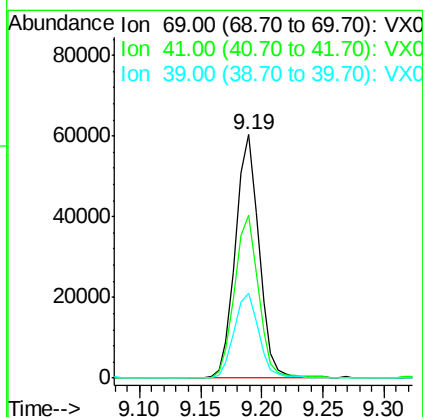
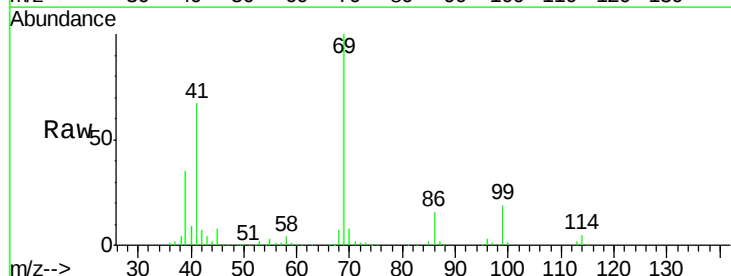
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS02

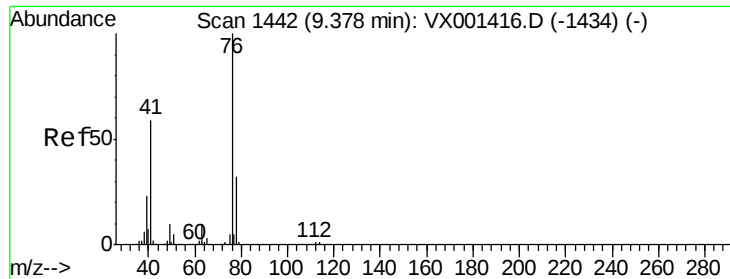
Tgt Ion:	97	Resp:	60161
Ion	Ratio	Lower	Upper
97	100		
83	82.2	67.4	101.0
85	52.9	43.3	64.9
99	64.3	52.5	78.7



#56
 Ethyl methacrylate
 Concen: 19.73 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001682.D
 Acq: 12 May 2018 22:28

Tgt Ion:	69	Resp:	80430
Ion	Ratio	Lower	Upper
69	100		
41	67.6	55.1	82.7
39	36.3	29.9	44.9





#57

1,3-Dichloropropane

Concen: 20.82 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

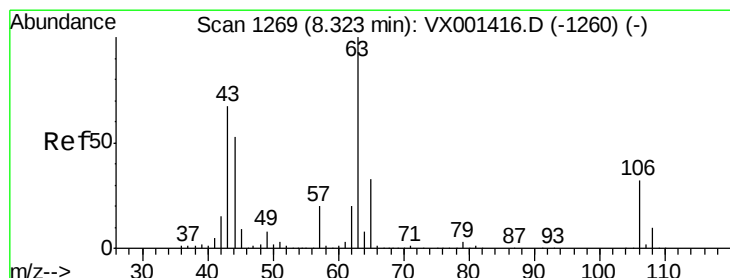
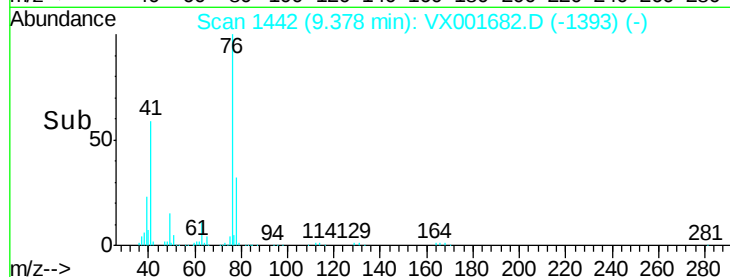
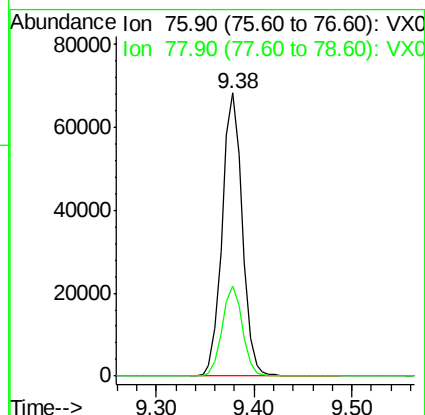
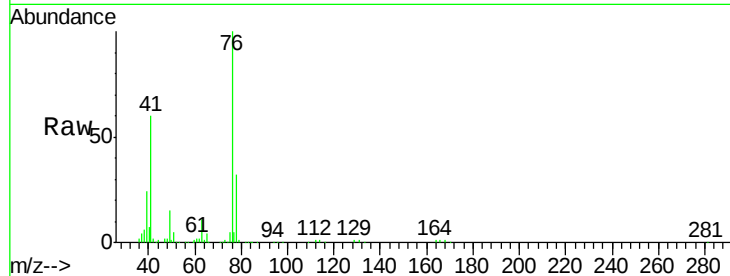
VX0512WBS02

Tgt Ion: 76 Resp: 97345

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 109.29 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX001682.D

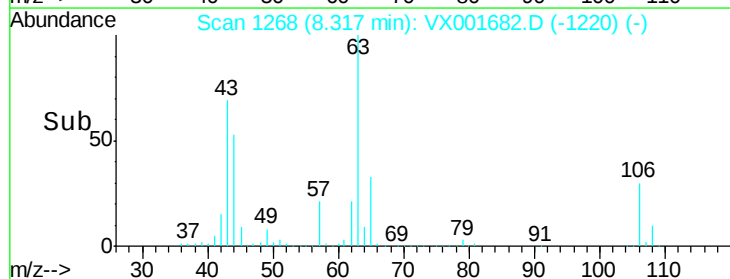
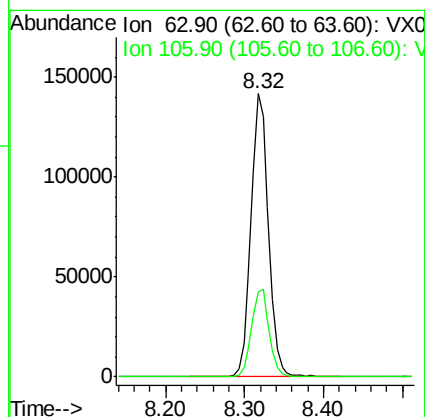
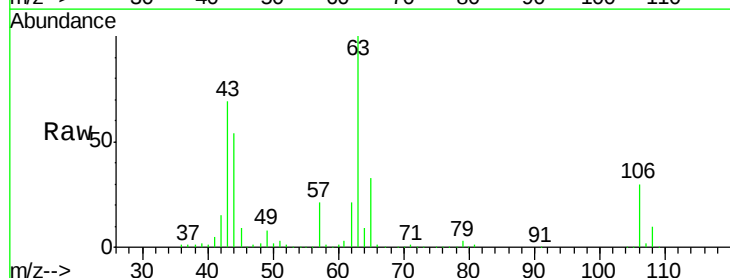
Acq: 12 May 2018 22:28

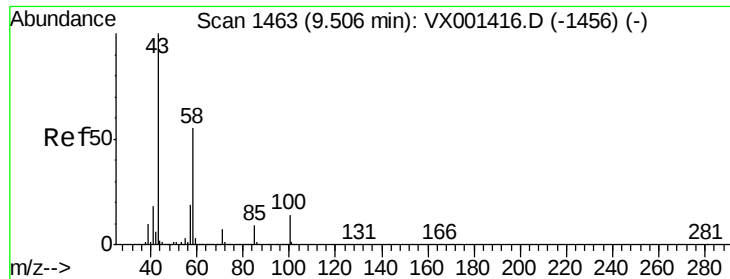
Tgt Ion: 63 Resp: 218545

Ion Ratio Lower Upper

63 100

106 31.1 25.4 38.0

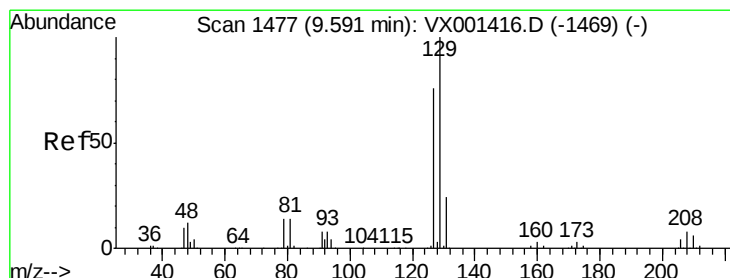
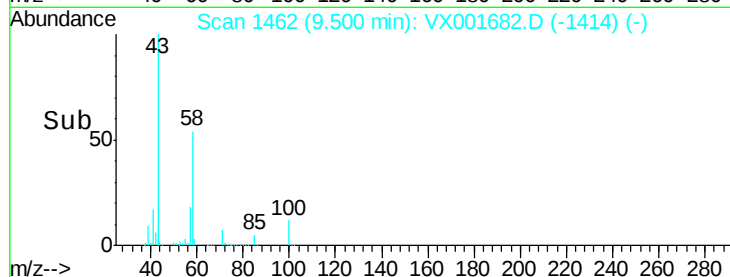
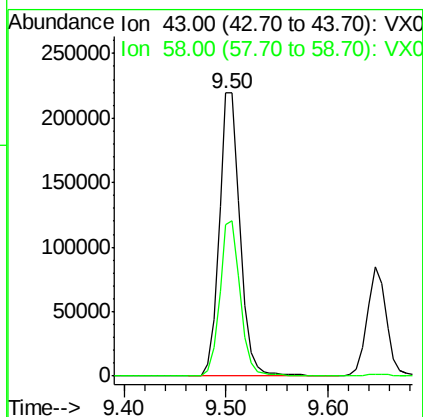
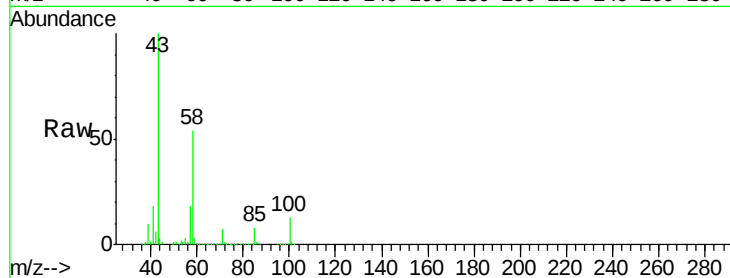




#59
2-Hexanone
Concen: 99.86 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001682.D
Acq: 12 May 2018 22:28

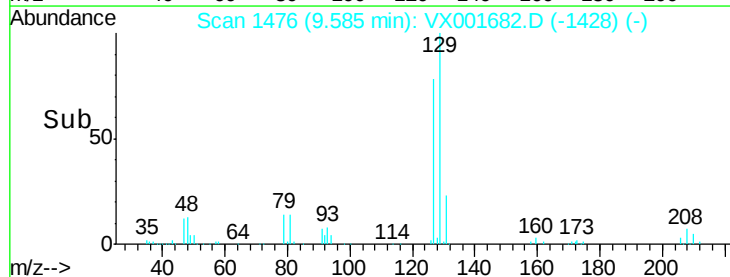
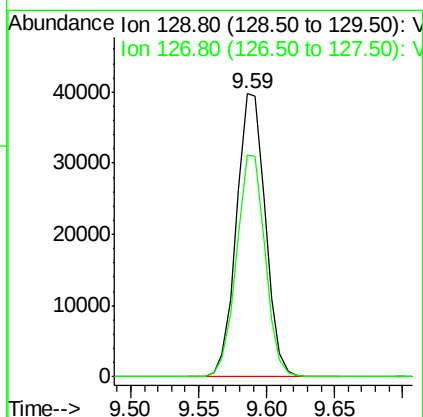
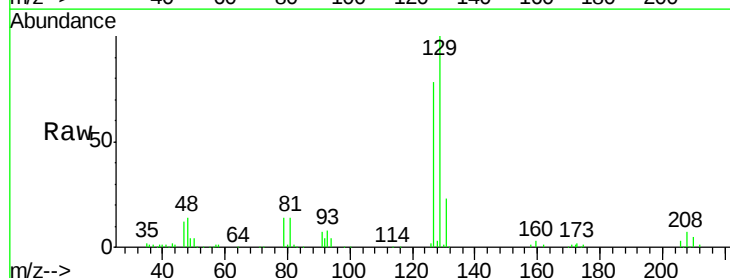
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS02

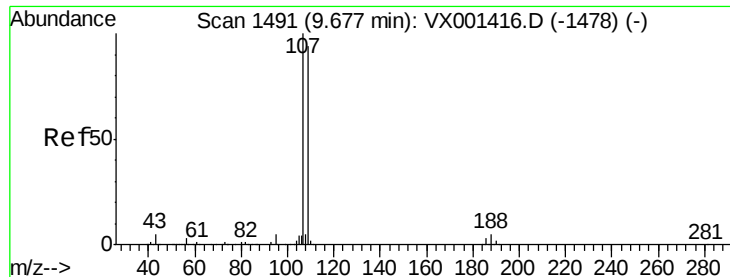
Tgt Ion: 43 Resp: 314298
Ion Ratio Lower Upper
43 100
58 54.0 27.1 81.2



#60
Dibromochloromethane
Concen: 20.32 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001682.D
Acq: 12 May 2018 22:28

Tgt Ion: 129 Resp: 58861
Ion Ratio Lower Upper
129 100
127 77.4 38.1 114.5

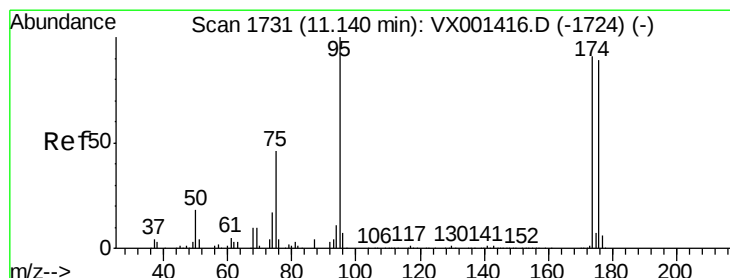
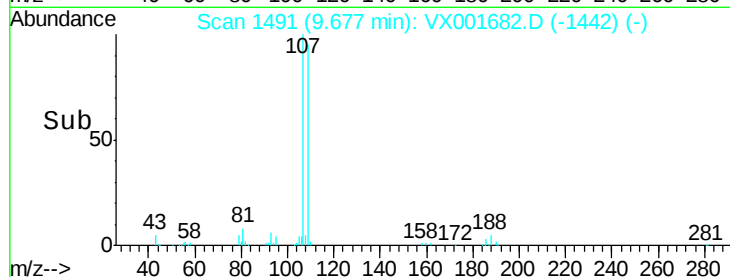
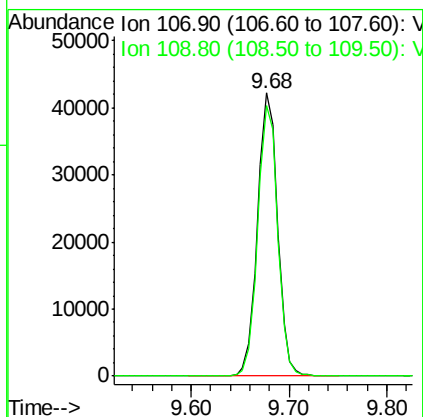
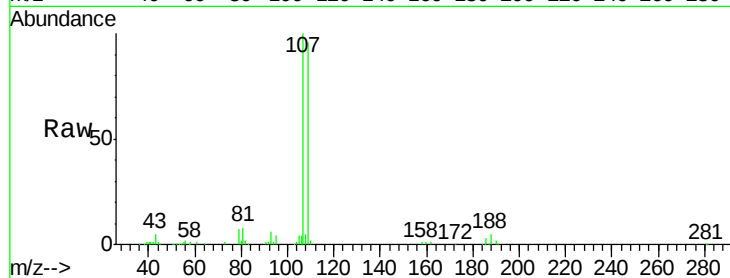




#61
 1,2-Dibromoethane
 Concen: 20.42 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX001682.D
 Acq: 12 May 2018 22:28

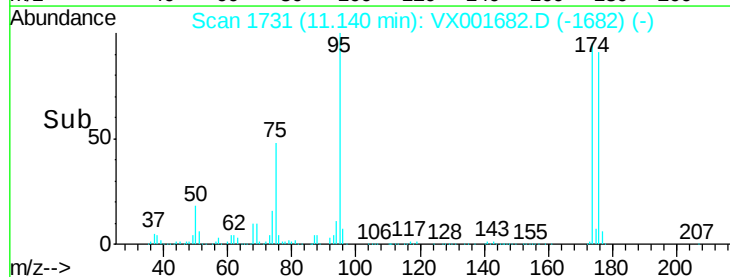
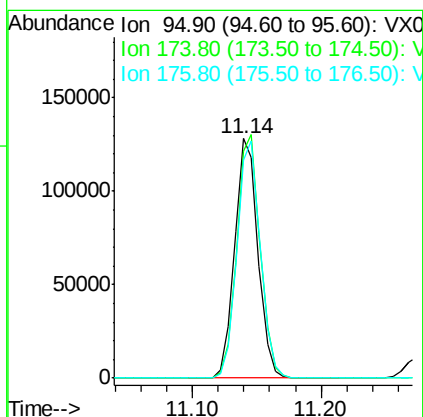
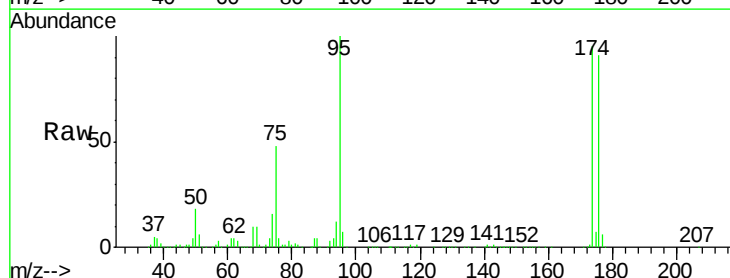
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS02

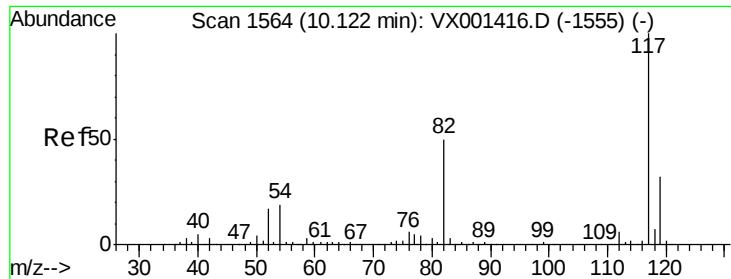
Tgt Ion: 107 Resp: 60645
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 44.81 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001682.D
 Acq: 12 May 2018 22:28

Tgt Ion: 95 Resp: 161394
 Ion Ratio Lower Upper
 95 100
 174 101.5 0.0 202.0
 176 99.0 0.0 197.4

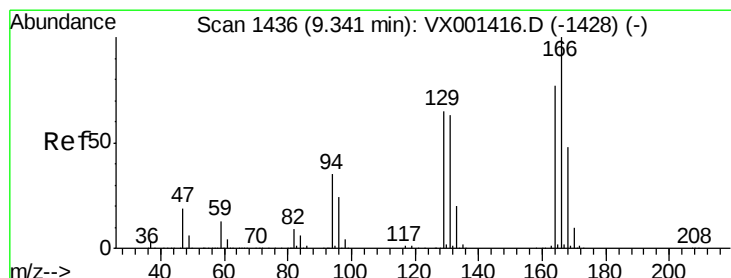
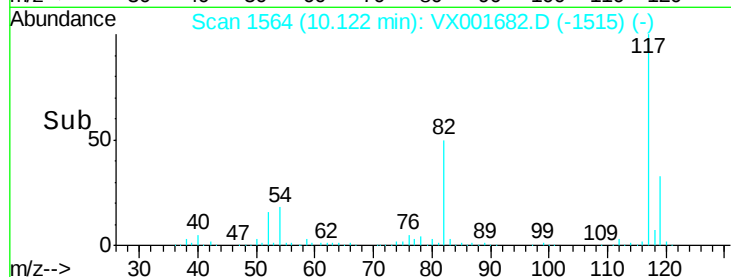
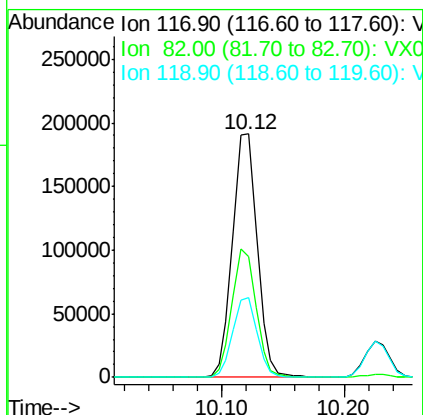
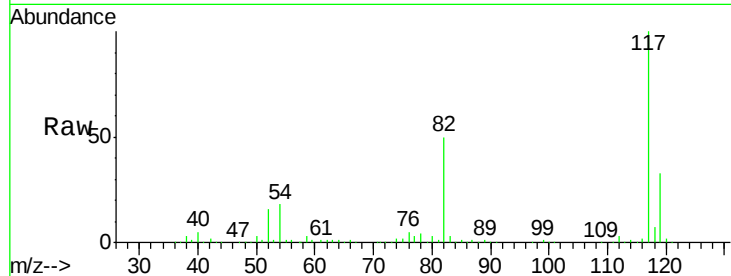




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001682.D
Acq: 12 May 2018 22:28

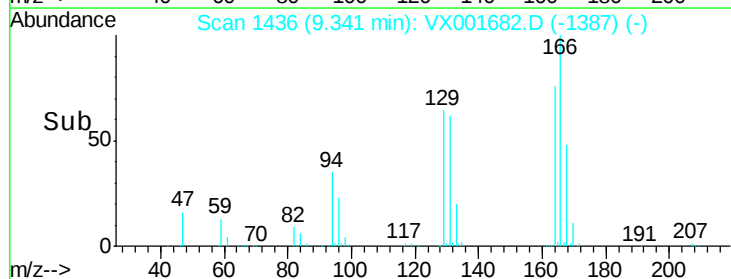
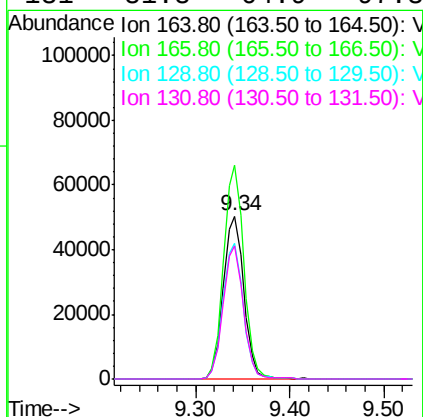
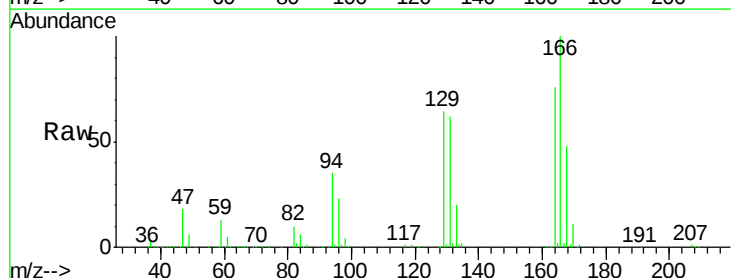
Instrument :
MSVOA_X
ClientSampled :
VX0512WBS02

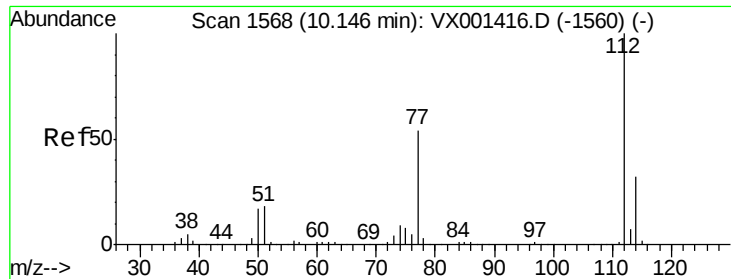
Tgt Ion:117 Resp: 268655
Ion Ratio Lower Upper
117 100
82 49.6 40.0 60.0
119 33.0 25.8 38.8



#64
Tetrachloroethene
Concen: 20.41 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001682.D
Acq: 12 May 2018 22:28

Tgt Ion:164 Resp: 76416
Ion Ratio Lower Upper
164 100
166 131.1 103.5 155.3
129 83.3 66.7 100.1
131 81.8 64.9 97.3

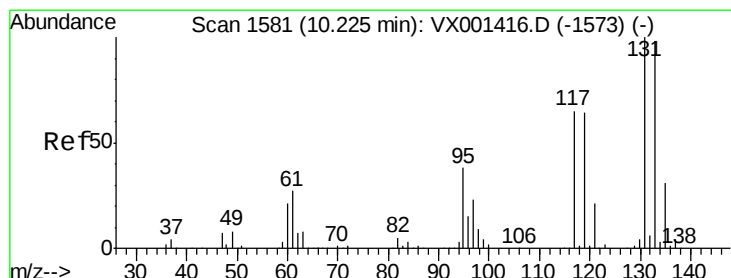
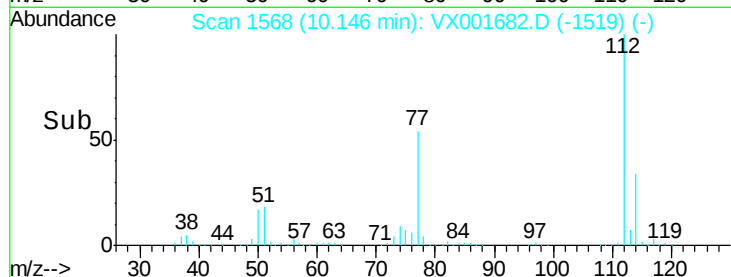
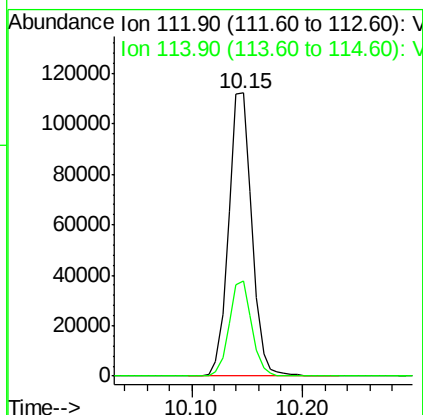
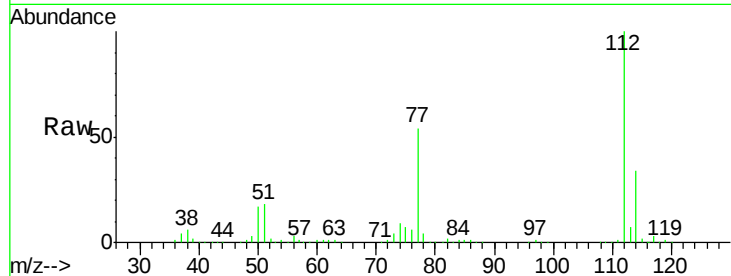




#65
Chlorobenzene
Concen: 20.48 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001682.D
Acq: 12 May 2018 22:28

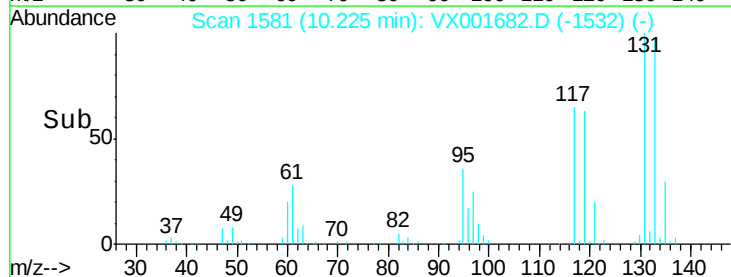
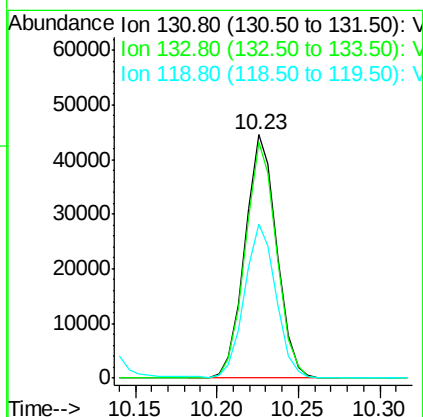
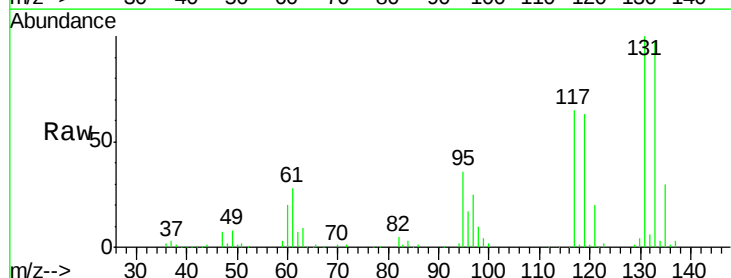
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS02

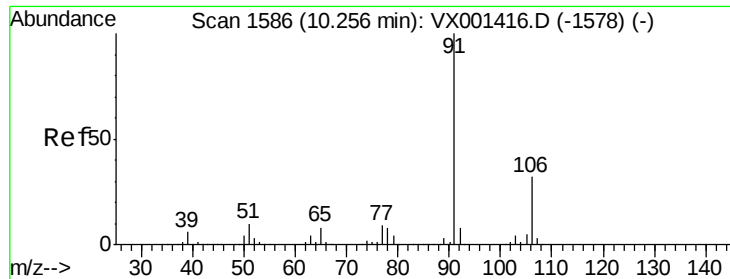
Tgt Ion:112 Resp: 161381
Ion Ratio Lower Upper
112 100
114 33.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.40 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001682.D
Acq: 12 May 2018 22:28

Tgt Ion:131 Resp: 60325
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.8
119 62.7 31.1 93.3

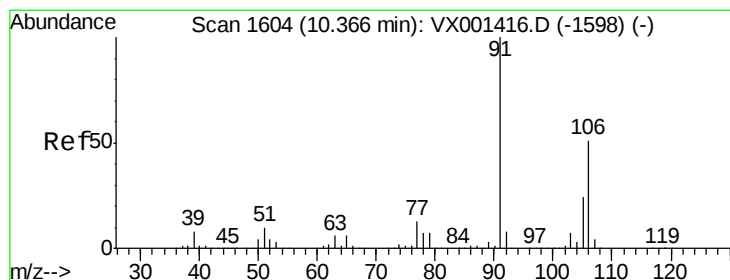
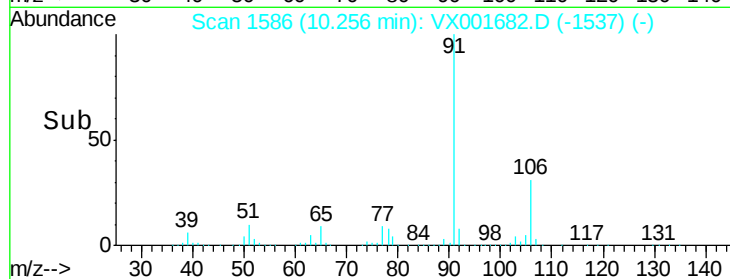
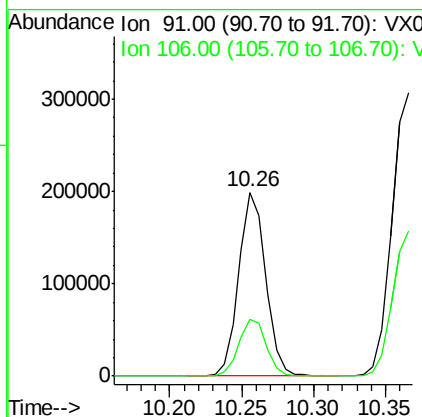
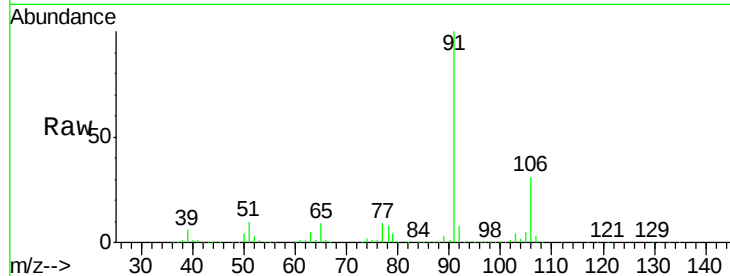




#67
Ethyl Benzene
Concen: 20.07 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001682.D
Acq: 12 May 2018 22:28

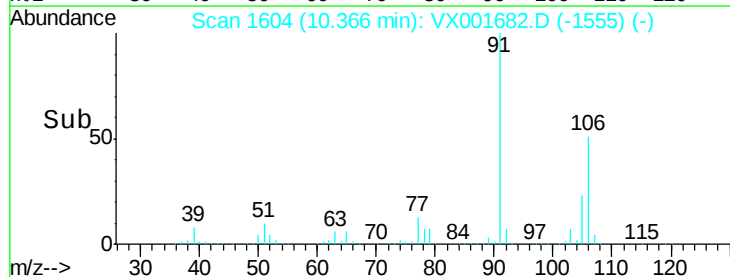
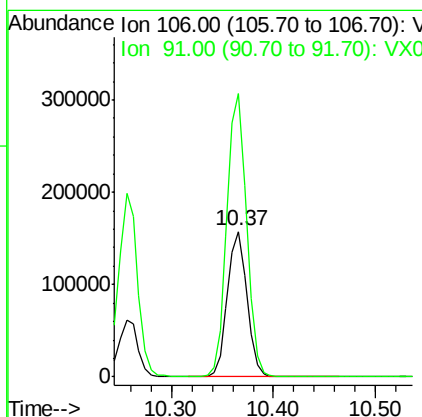
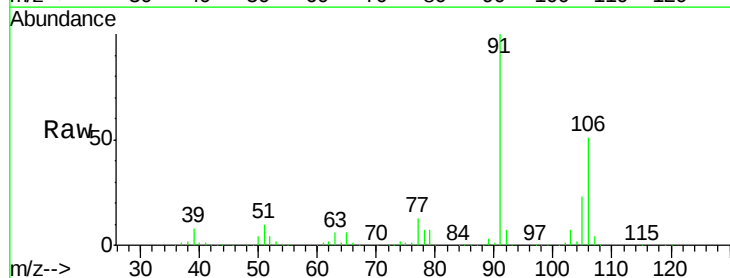
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS02

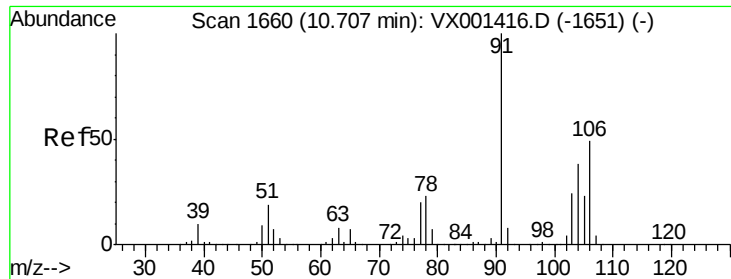
Tgt Ion: 91 Resp: 259247
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3



#68
m/p-Xylenes
Concen: 40.86 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001682.D
Acq: 12 May 2018 22:28

Tgt Ion: 106 Resp: 208512
Ion Ratio Lower Upper
106 100
91 196.6 157.5 236.3

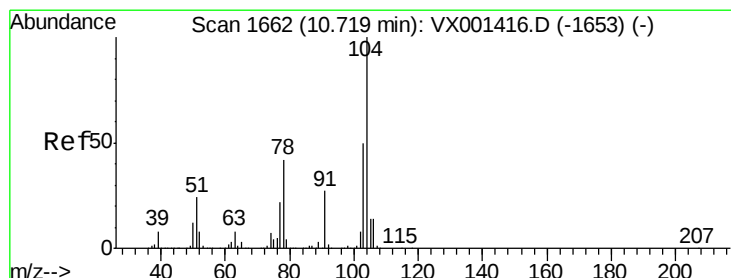
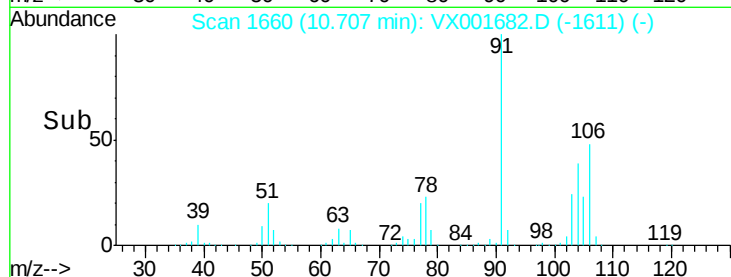
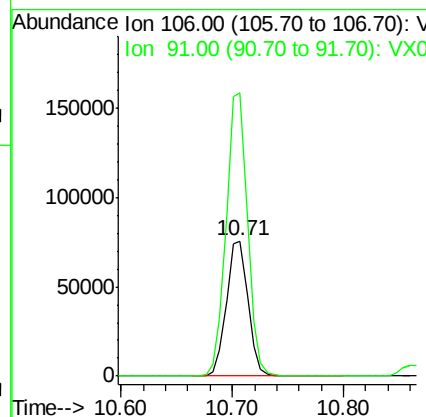
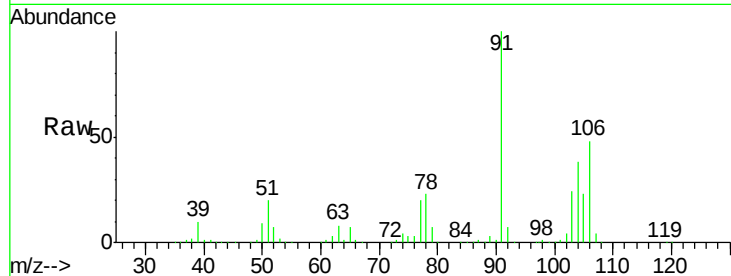




#69
o-Xylene
Concen: 20.51 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001682.D
Acq: 12 May 2018 22:28

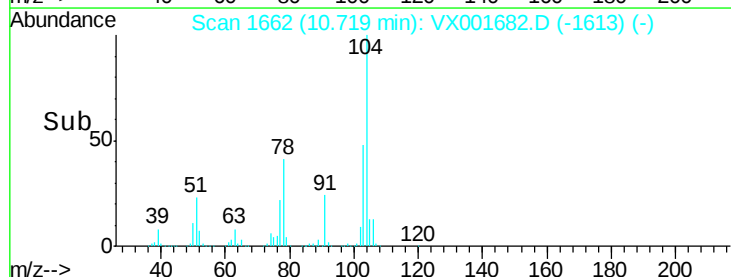
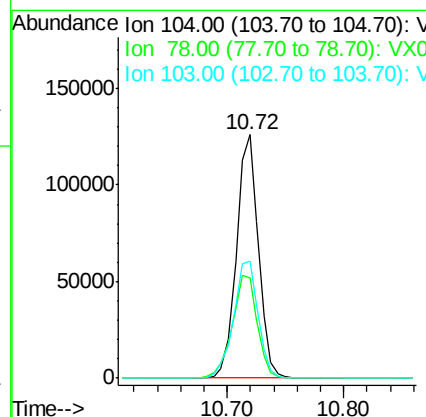
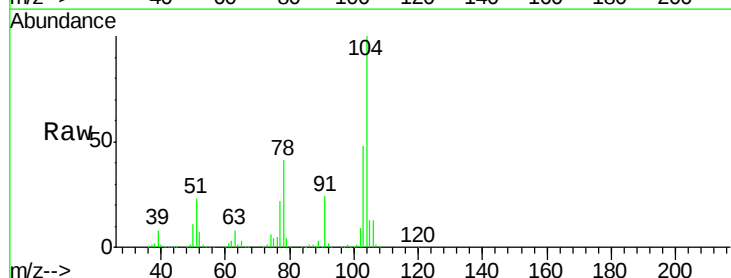
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS02

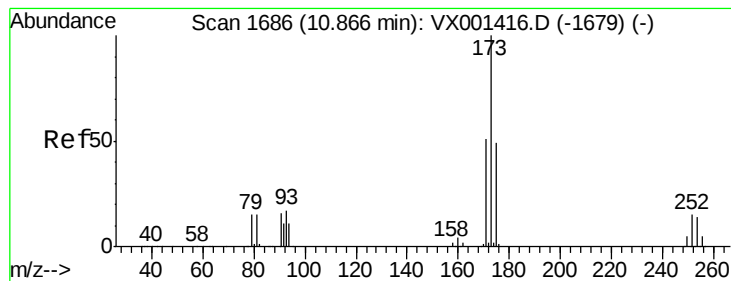
Tgt Ion:106 Resp: 101699
Ion Ratio Lower Upper
106 100
91 208.0 103.1 309.1



#70
Styrene
Concen: 20.53 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001682.D
Acq: 12 May 2018 22:28

Tgt Ion:104 Resp: 165376
Ion Ratio Lower Upper
104 100
78 48.0 38.6 58.0
103 54.2 44.0 66.0





#71

Bromoform

Concen: 19.25 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS02

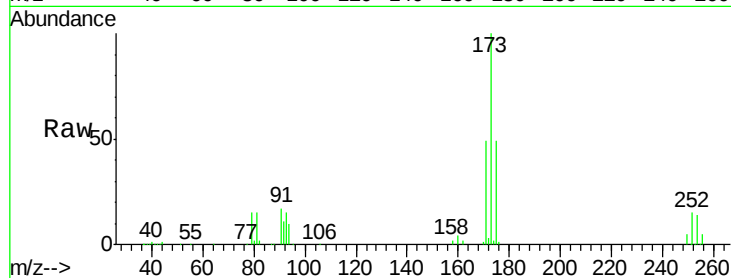
Tgt Ion:173 Resp: 45770

Ion Ratio Lower Upper

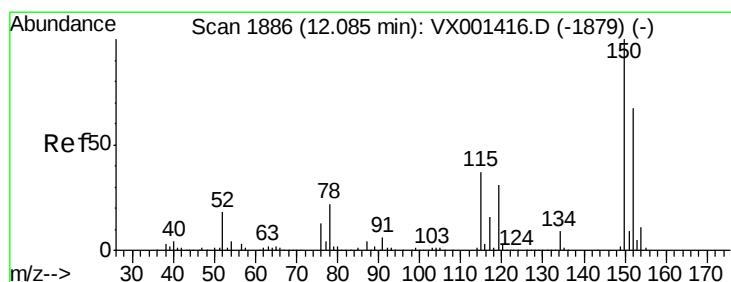
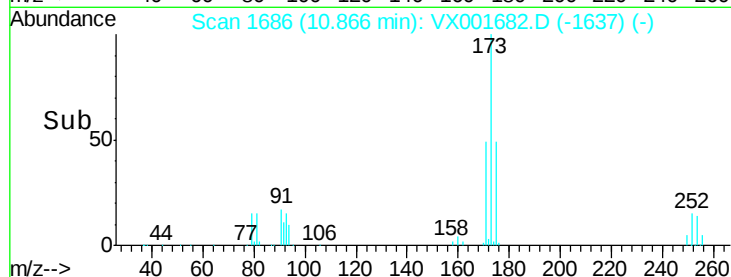
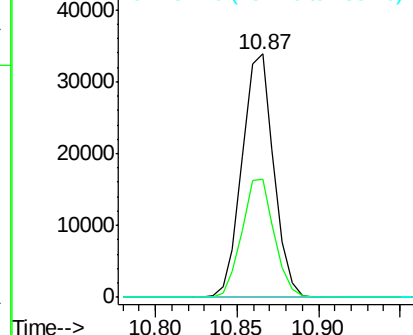
173 100

175 49.8 24.5 73.5

254 0.1 0.2 0.2#



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: 12.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

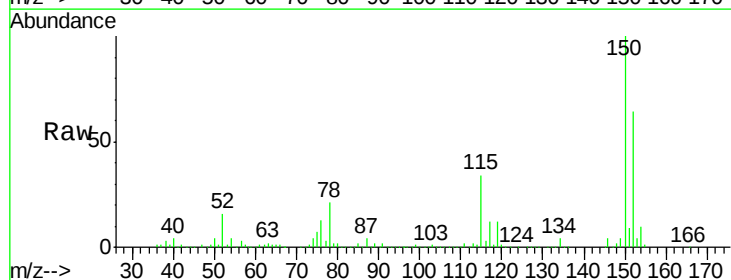
Tgt Ion:152 Resp: 187061

Ion Ratio Lower Upper

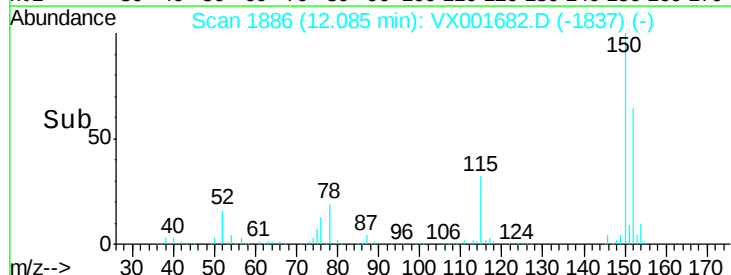
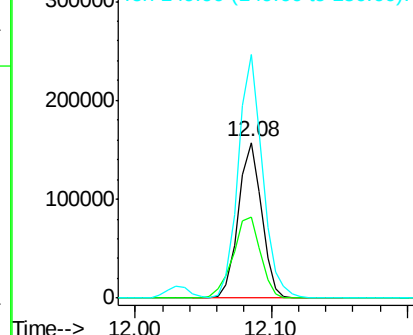
152 100

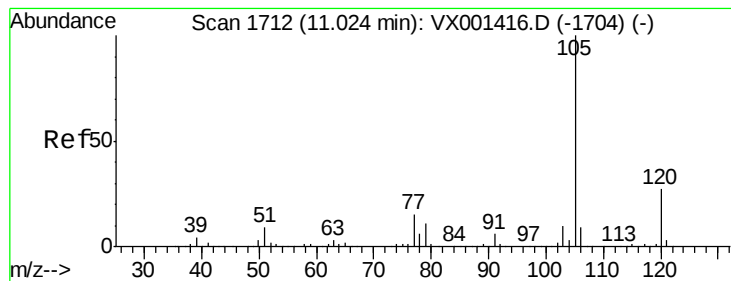
115 61.9 37.7 113.1

150 163.1 0.0 349.4



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





#73

Isopropylbenzene

Concen: 21.26 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

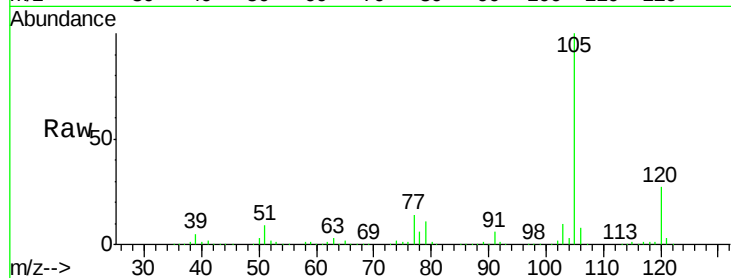
VX0512WBS02

Tgt Ion: 105 Resp: 275279

Ion Ratio Lower Upper

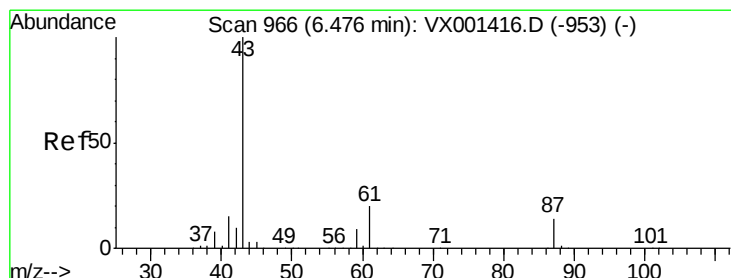
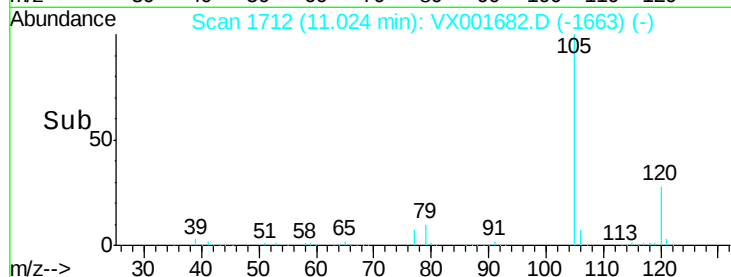
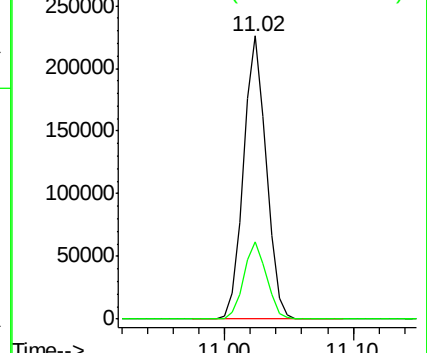
105 100

120 27.3 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.10 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

Tgt Ion: 43 Resp: 124112

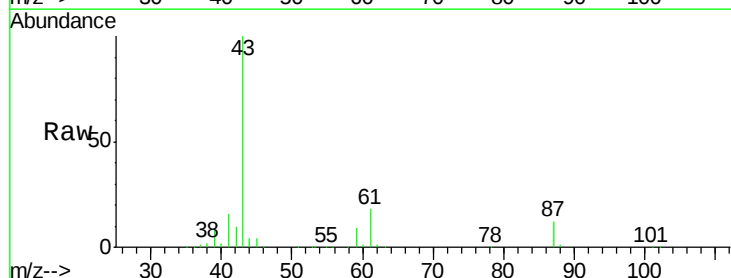
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.1 15.4 23.0

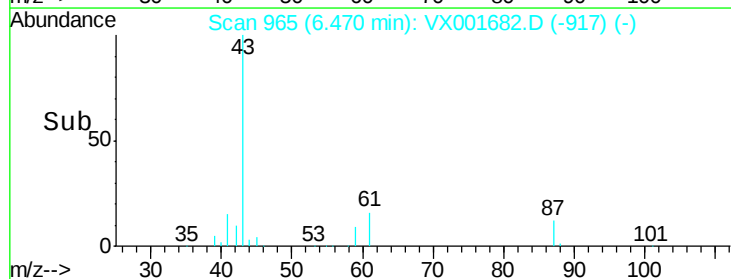
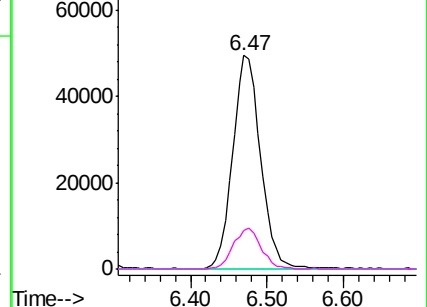


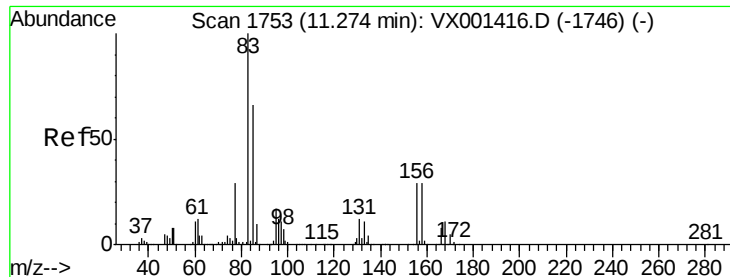
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.90 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

Instrument :

MSVOA_X

ClientSampled :

VX0512WBS02

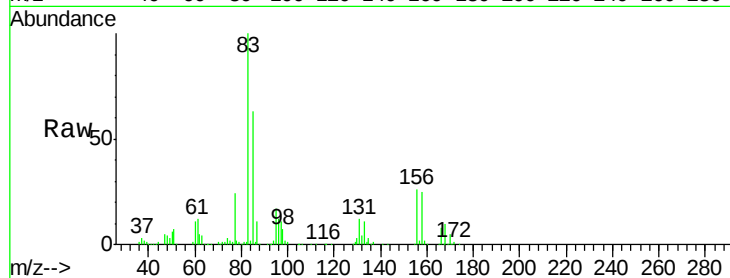
Tgt Ion: 83 Resp: 83768

Ion Ratio Lower Upper

83 100

131 11.5 5.8 17.4

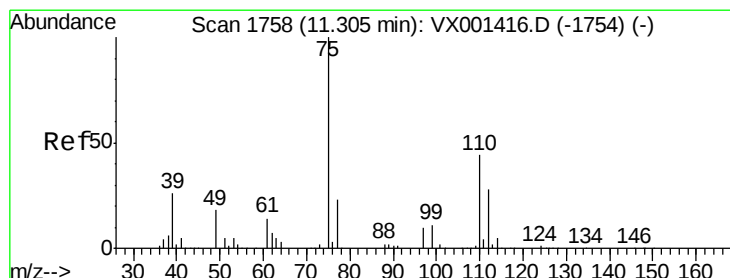
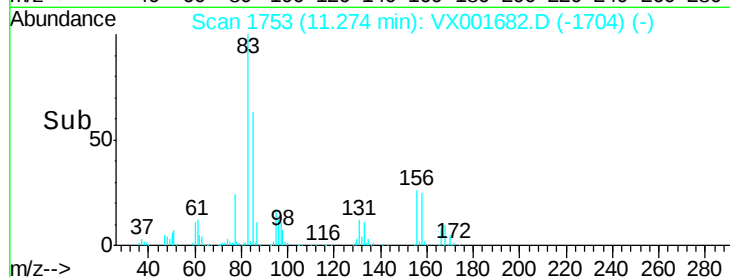
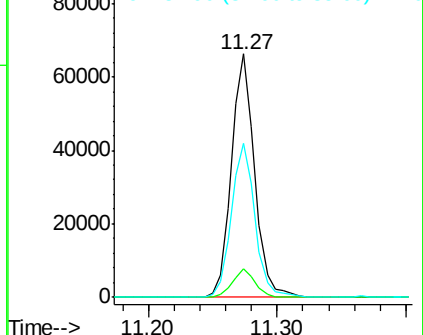
85 64.3 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.63 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001682.D

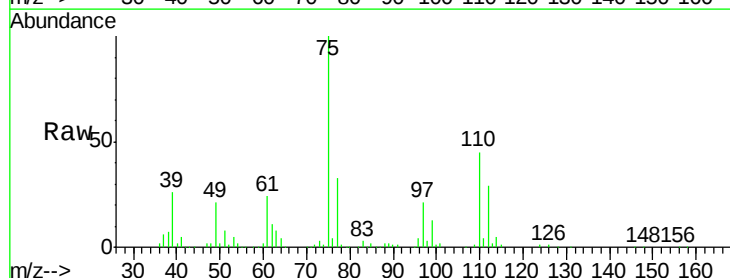
Acq: 12 May 2018 22:28

Tgt Ion: 75 Resp: 93461

Ion Ratio Lower Upper

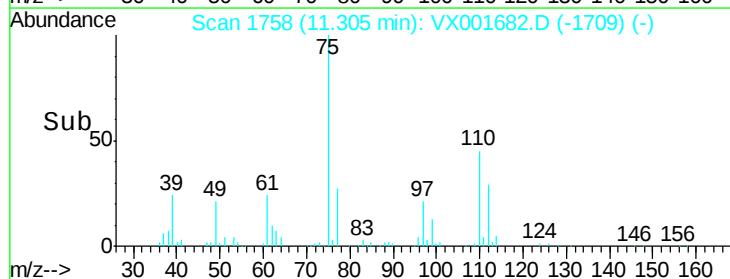
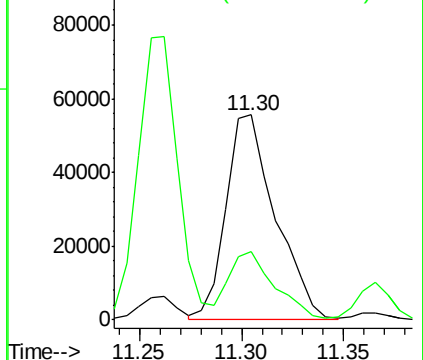
75 100

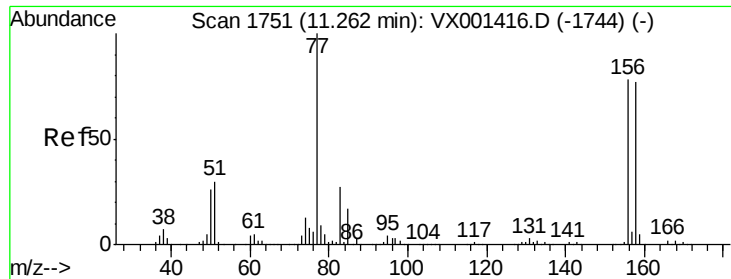
77 30.7 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.03 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS02

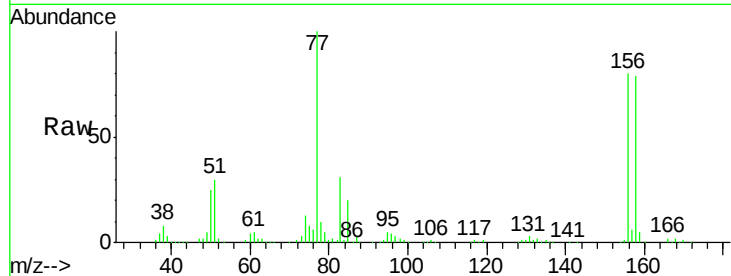
Tgt Ion:156 Resp: 79169

Ion Ratio Lower Upper

156 100

77 131.7 66.0 198.2

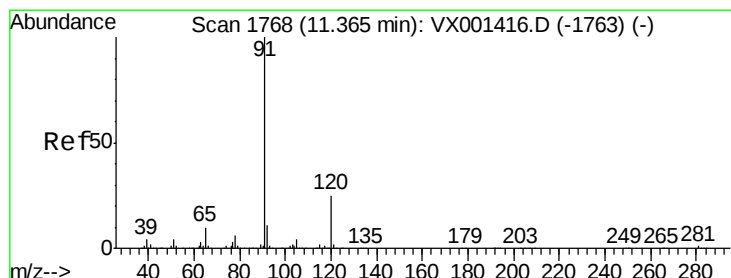
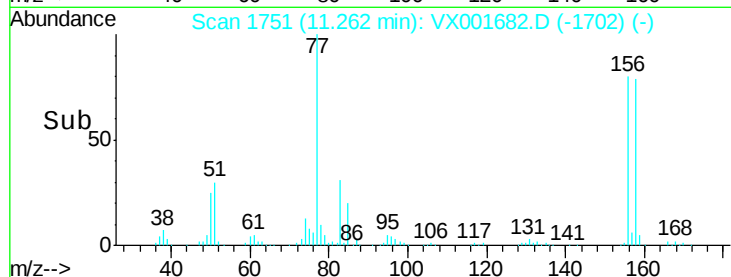
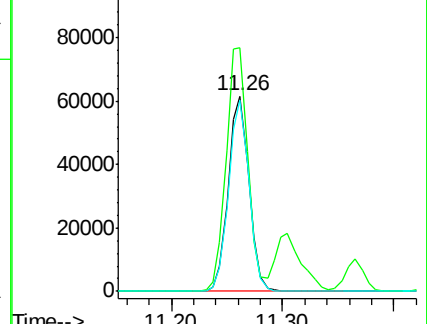
158 96.8 49.4 148.2



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: 21.21 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001682.D

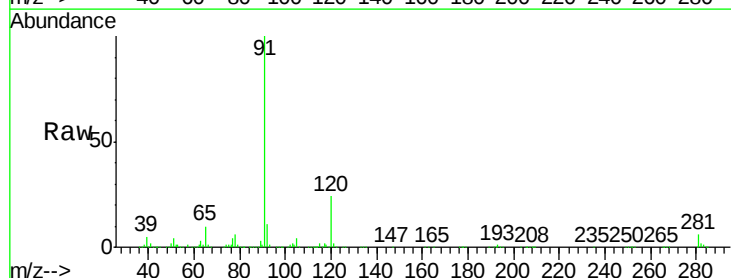
Acq: 12 May 2018 22:28

Tgt Ion: 91 Resp: 299150

Ion Ratio Lower Upper

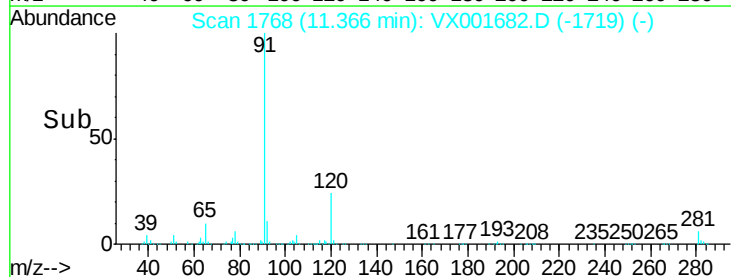
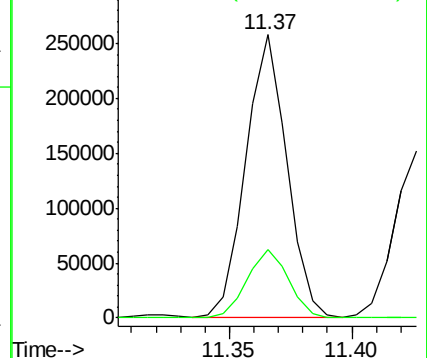
91 100

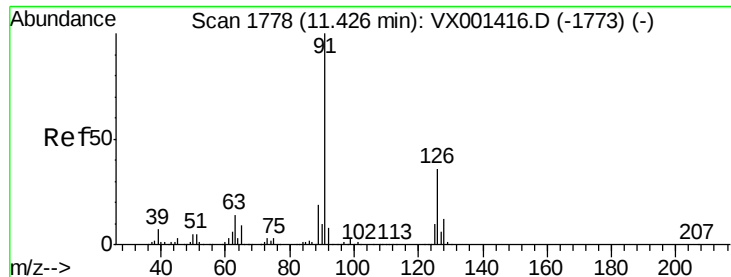
120 24.6 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

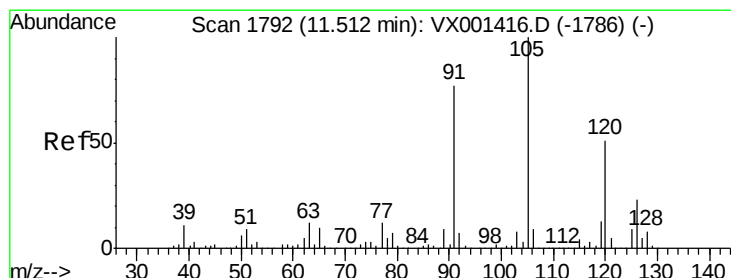
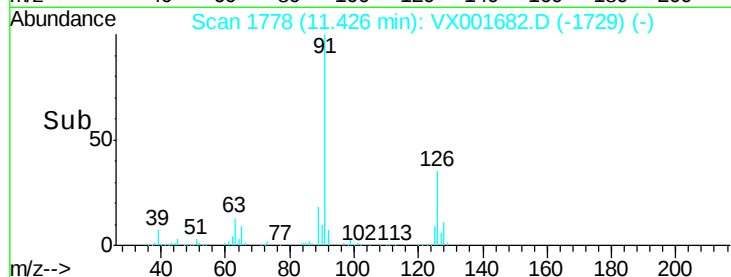
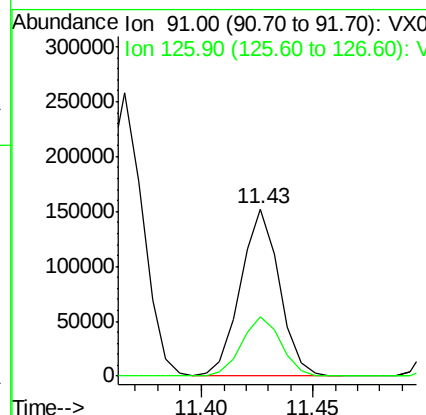
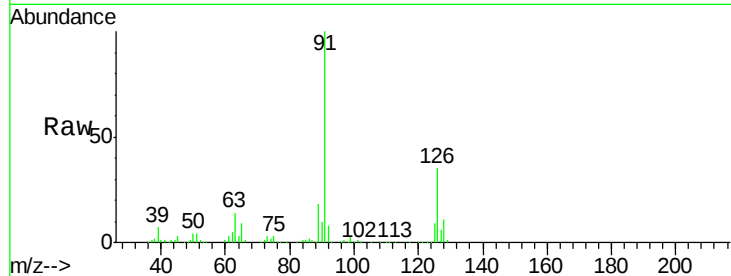




#79
 2-Chlorotoluene
 Concen: 21.22 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX001682.D
 Acq: 12 May 2018 22:28

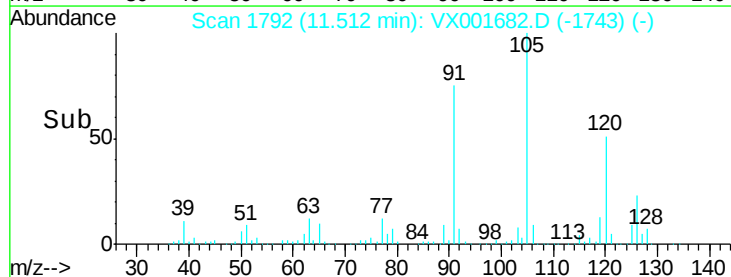
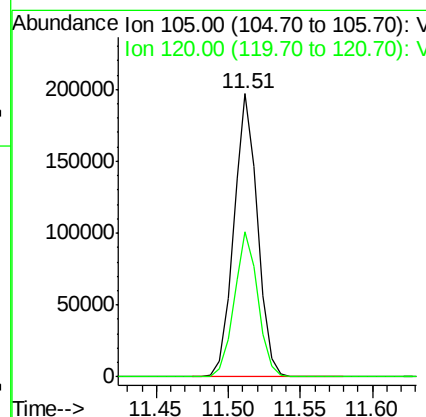
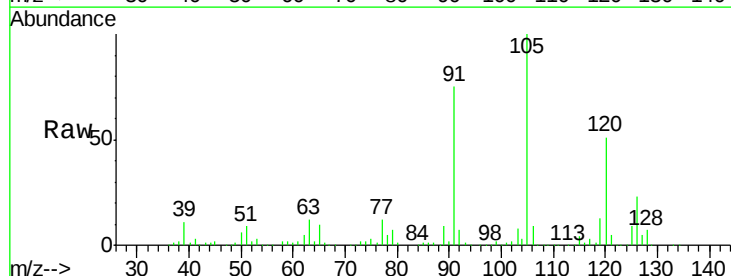
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS02

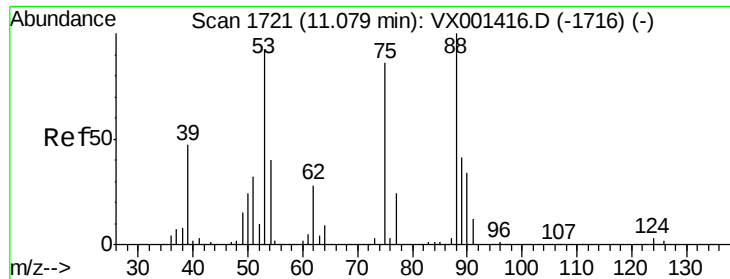
Tgt Ion: 91 Resp: 184163
 Ion Ratio Lower Upper
 91 100
 126 36.0 18.1 54.4



#80
 1,3,5-Trimethylbenzene
 Concen: 21.05 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001682.D
 Acq: 12 May 2018 22:28

Tgt Ion: 105 Resp: 227005
 Ion Ratio Lower Upper
 105 100
 120 51.2 25.7 77.1





#81

trans-1,4-Dichloro-2-butene

Concen: 18.96 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS02

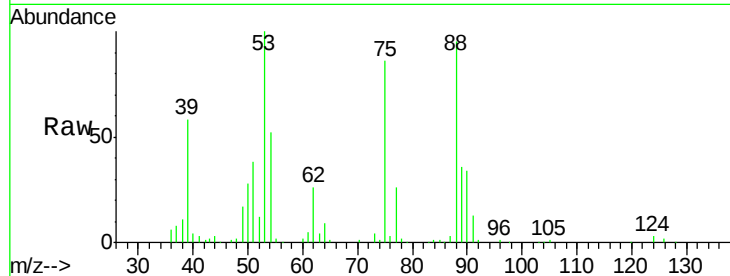
Tgt Ion: 75 Resp: 19101

Ion Ratio Lower Upper

75 100

53 118.9 84.5 126.7

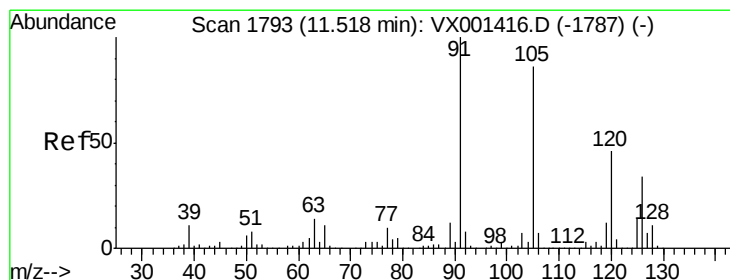
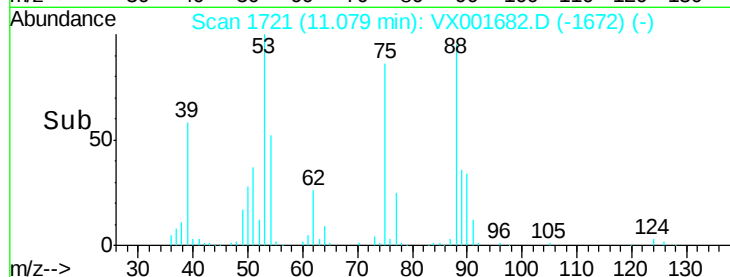
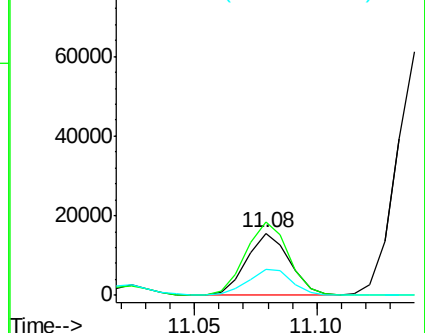
89 43.0 39.5 59.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.07 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001682.D

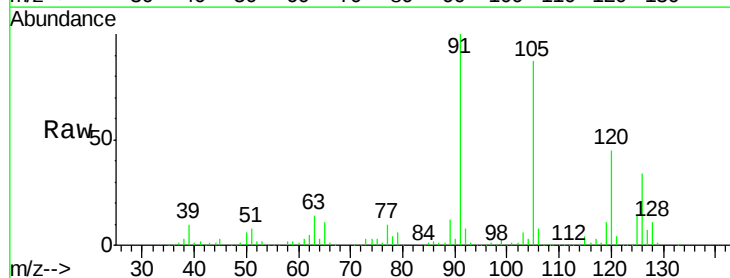
Acq: 12 May 2018 22:28

Tgt Ion: 91 Resp: 210921

Ion Ratio Lower Upper

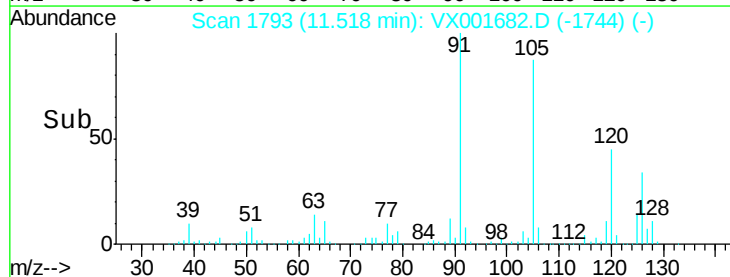
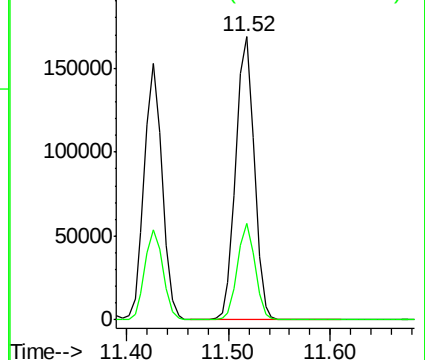
91 100

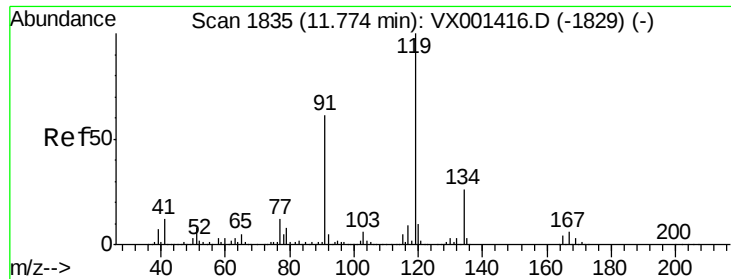
126 32.3 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

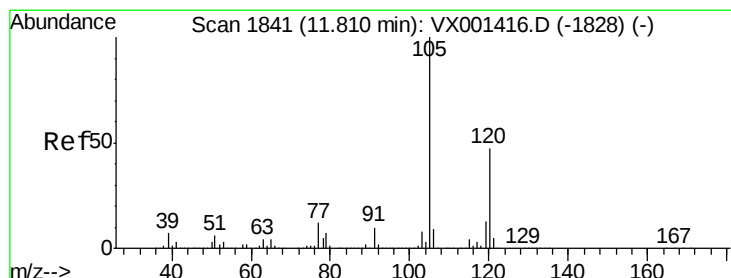
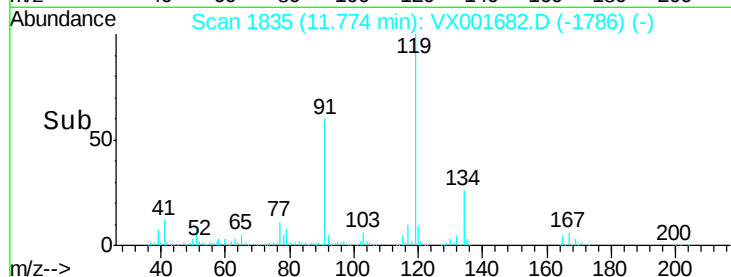
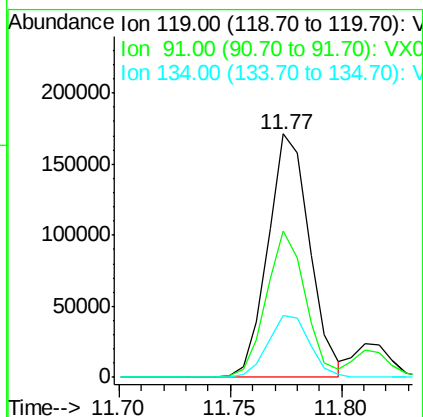
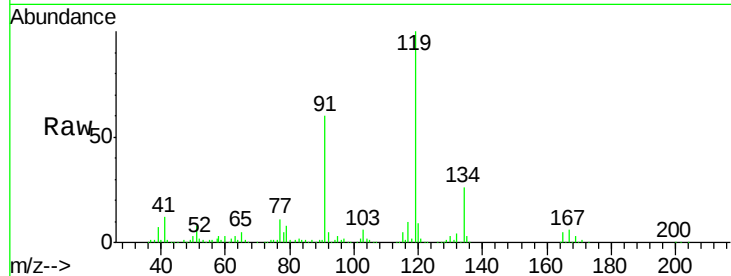




#83
 tert-Butylbenzene
 Concen: 20.75 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001682.D
 Acq: 12 May 2018 22:28

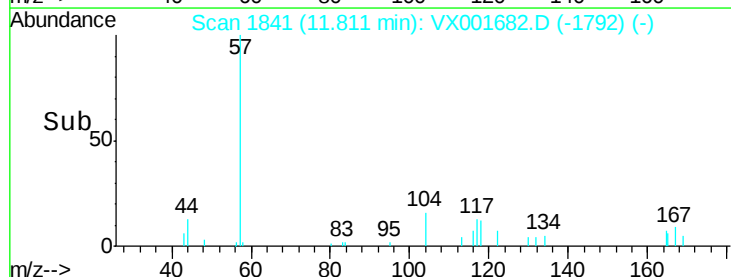
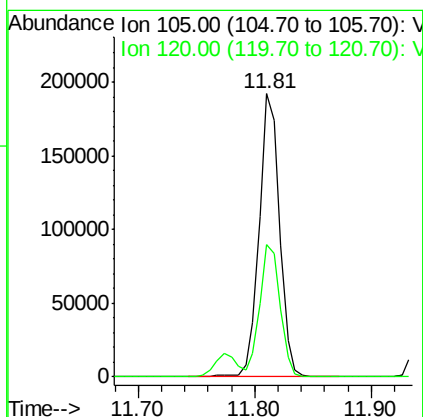
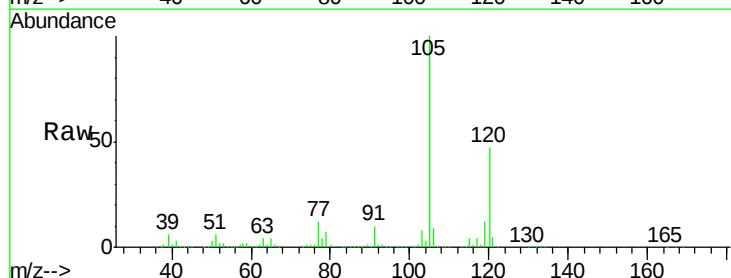
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS02

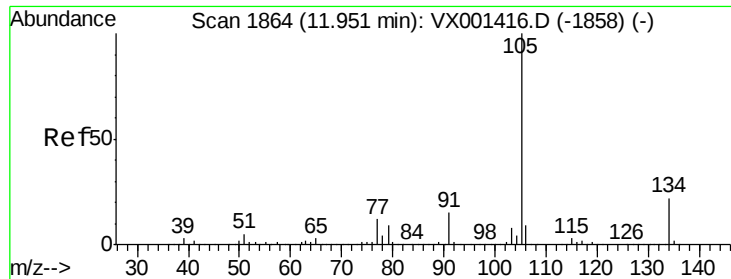
Tgt Ion:119 Resp: 222647
 Ion Ratio Lower Upper
 119 100
 91 56.6 27.8 83.3
 134 25.6 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 21.31 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001682.D
 Acq: 12 May 2018 22:28

Tgt Ion:105 Resp: 236144
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.4 70.2

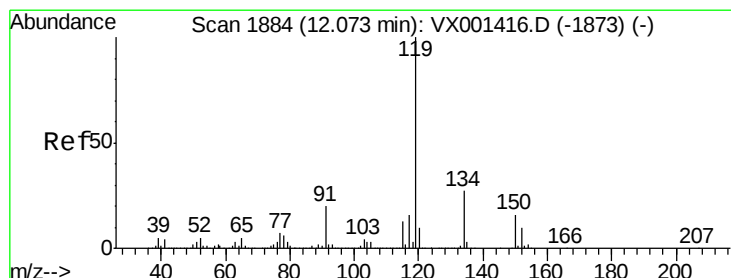
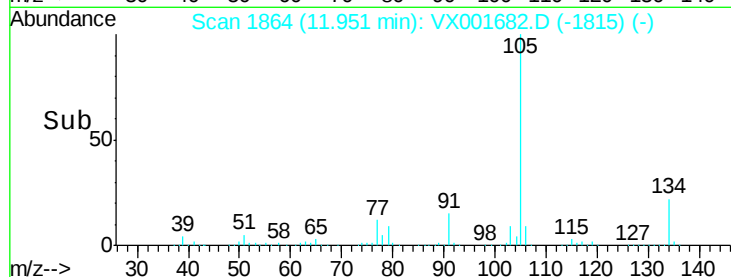
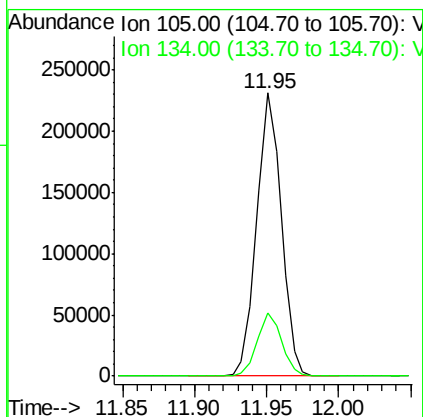
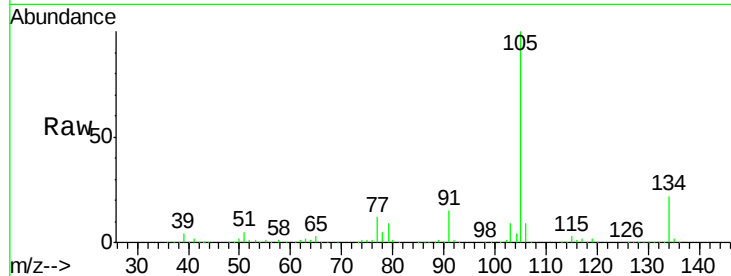




#85
 sec-Butylbenzene
 Concen: 21.08 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001682.D
 Acq: 12 May 2018 22:28

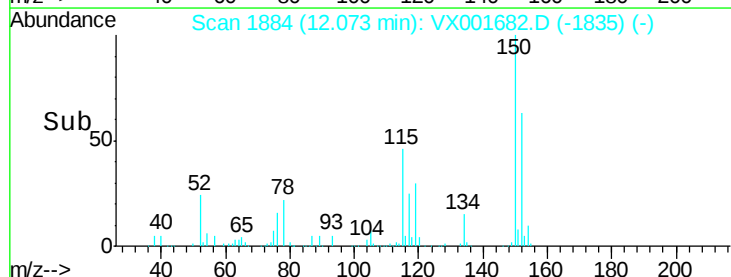
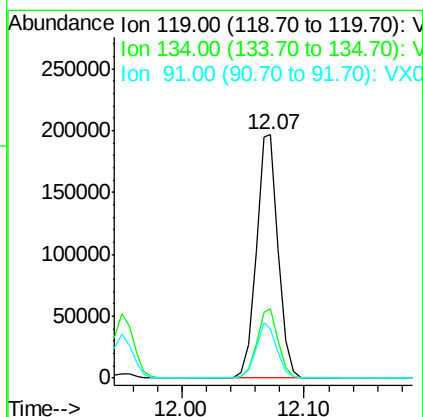
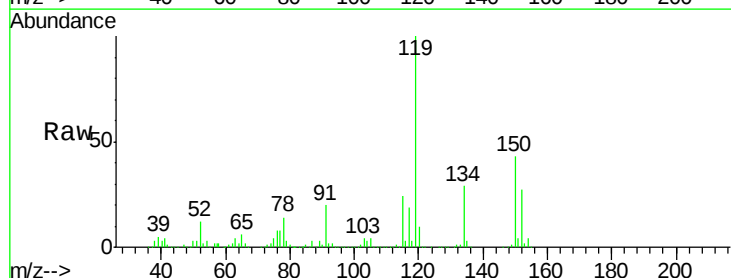
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0512WBS02

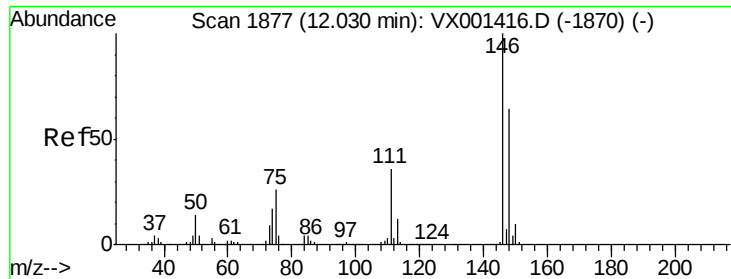
Tgt Ion:105 Resp: 271433
 Ion Ratio Lower Upper
 105 100
 134 22.2 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 20.68 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX001682.D
 Acq: 12 May 2018 22:28

Tgt Ion:119 Resp: 244303
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.6 40.8
 91 21.8 10.8 32.3

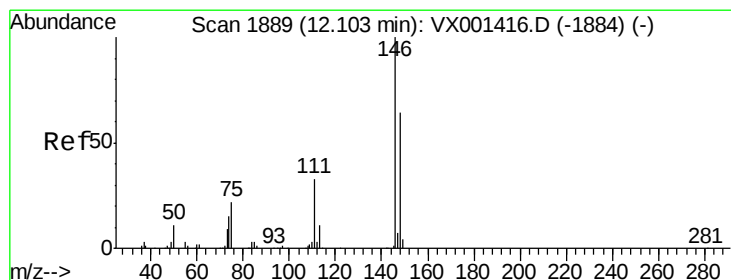
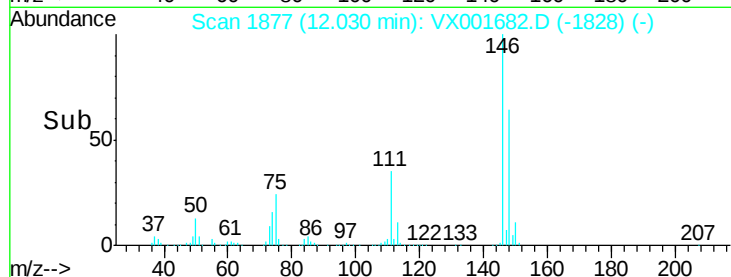
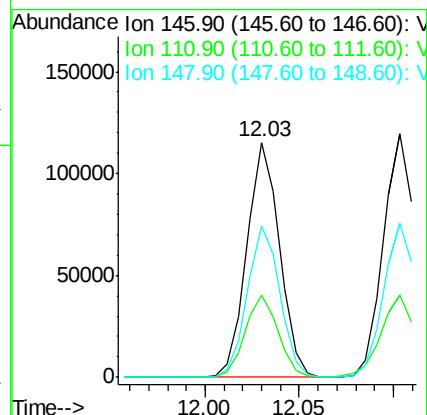
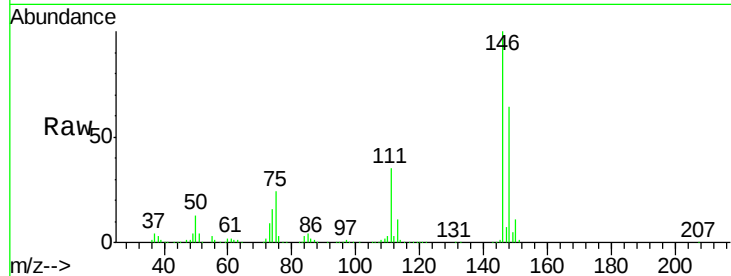




#87
 1,3-Dichlorobenzene
 Concen: 20.72 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001682.D
 Acq: 12 May 2018 22:28

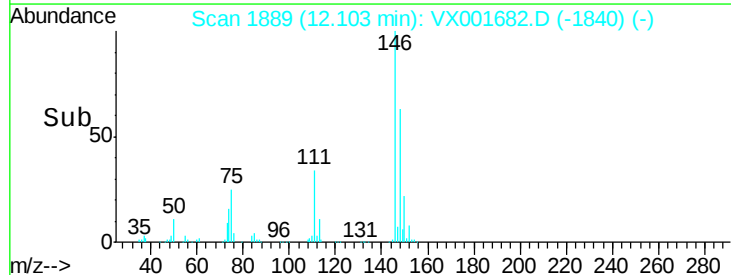
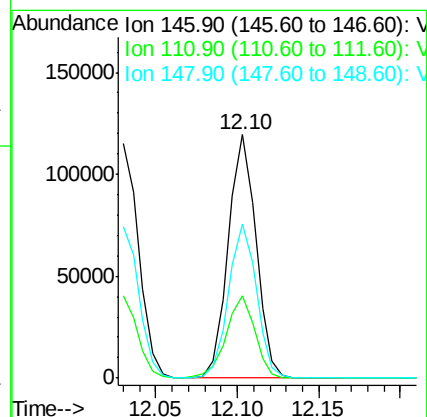
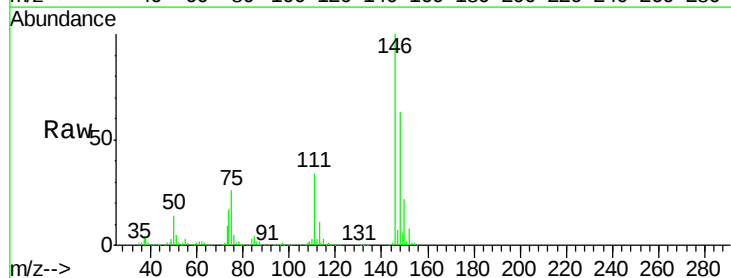
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS02

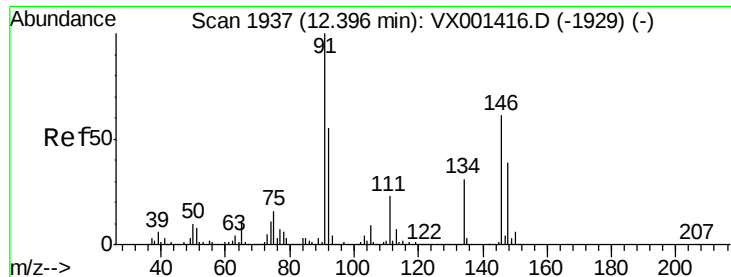
Tgt Ion:146 Resp: 139418
 Ion Ratio Lower Upper
 146 100
 111 35.1 18.1 54.1
 148 64.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.67 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001682.D
 Acq: 12 May 2018 22:28

Tgt Ion:146 Resp: 141872
 Ion Ratio Lower Upper
 146 100
 111 35.4 17.4 52.3
 148 64.0 32.2 96.6





#89

n-Butylbenzene

Concen: 19.32 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS02

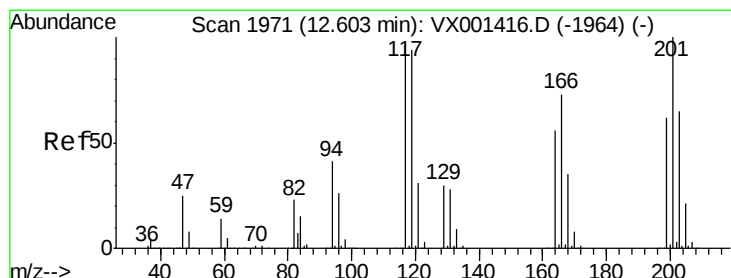
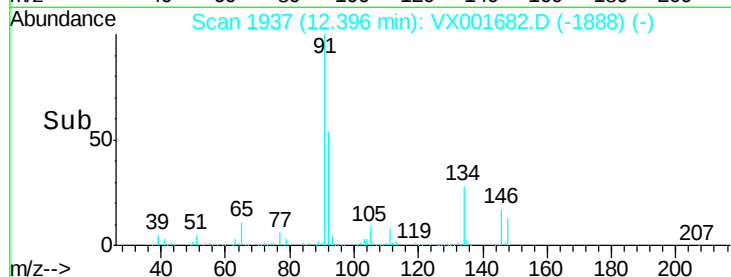
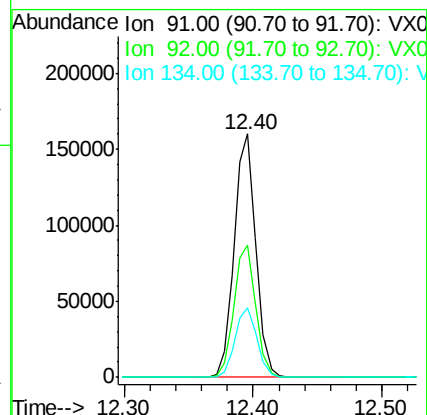
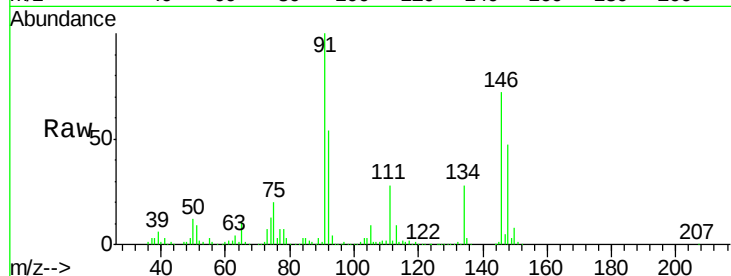
Tgt Ion: 91 Resp: 189126

Ion Ratio Lower Upper

91 100

92 54.5 27.2 81.5

134 29.0 14.6 44.0



#90

Hexachloroethane

Concen: 20.79 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001682.D

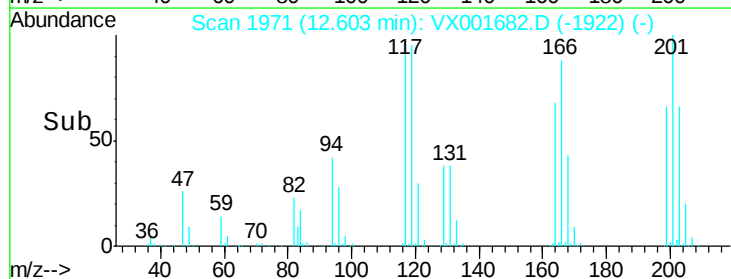
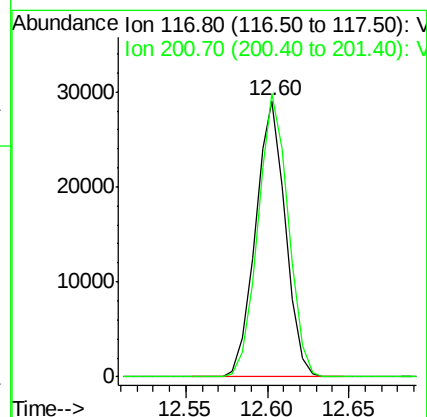
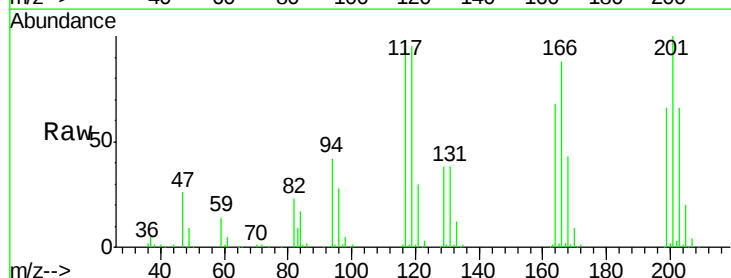
Acq: 12 May 2018 22:28

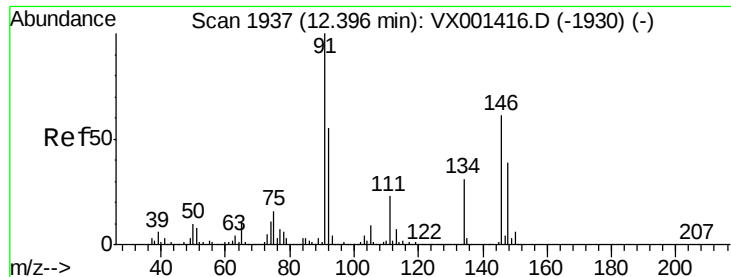
Tgt Ion: 117 Resp: 36987

Ion Ratio Lower Upper

117 100

201 103.5 51.5 154.5

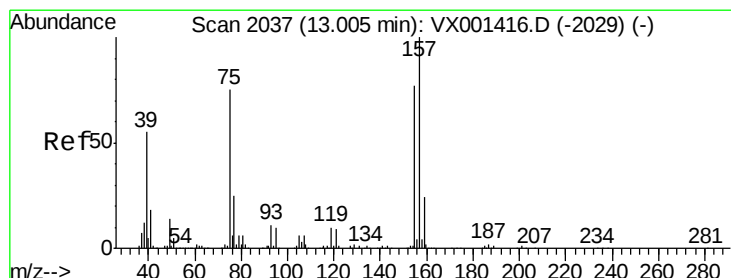
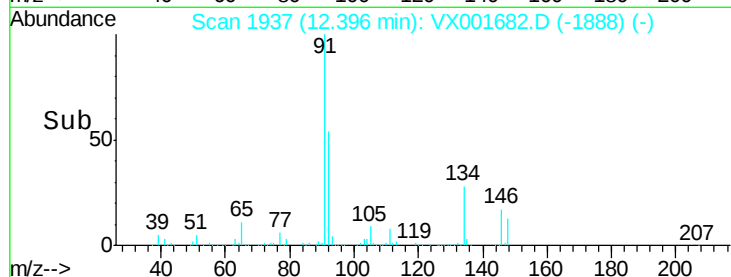
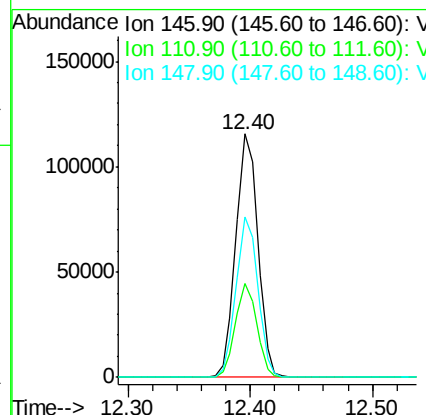
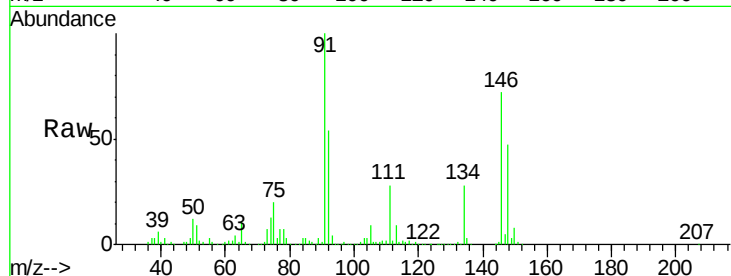




#91
 1,2-Dichlorobenzene
 Concen: 21.01 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001682.D
 Acq: 12 May 2018 22:28

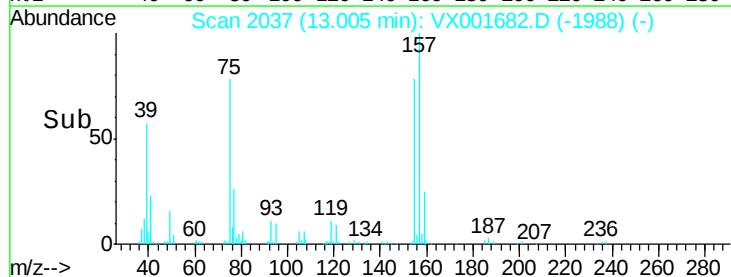
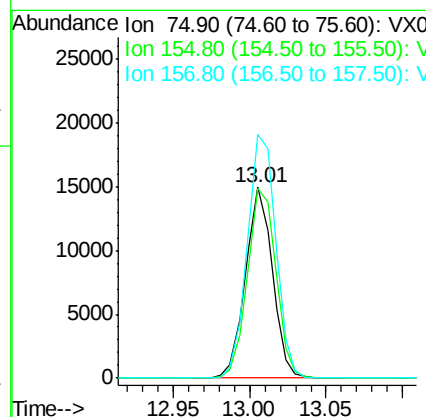
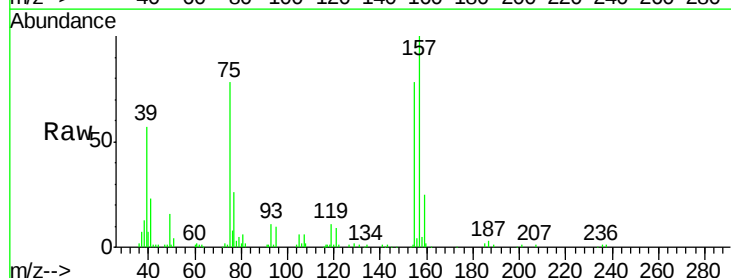
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS02

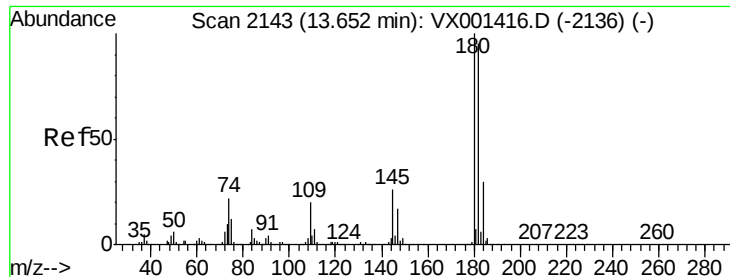
Tgt Ion: 146 Resp: 143858
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.6 55.8
 148 65.0 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.75 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001682.D
 Acq: 12 May 2018 22:28

Tgt Ion: 75 Resp: 18280
 Ion Ratio Lower Upper
 75 100
 155 105.4 53.4 160.2
 157 135.5 68.3 204.8





#93

1,2,4-Trichlorobenzene

Concen: 20.07 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS02

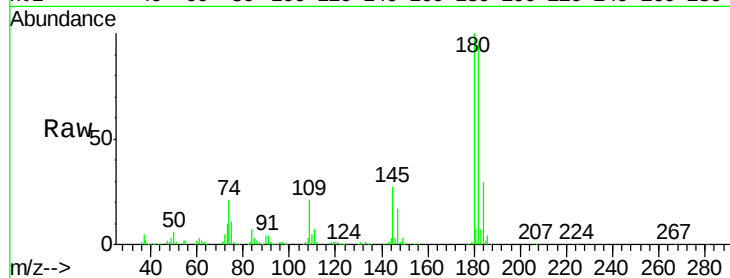
Tgt Ion:180 Resp: 100550

Ion Ratio Lower Upper

180 100

182 95.3 47.8 143.4

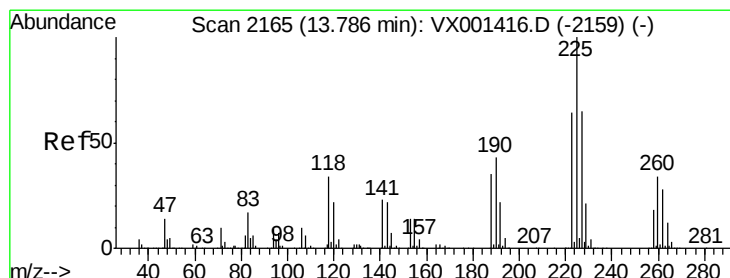
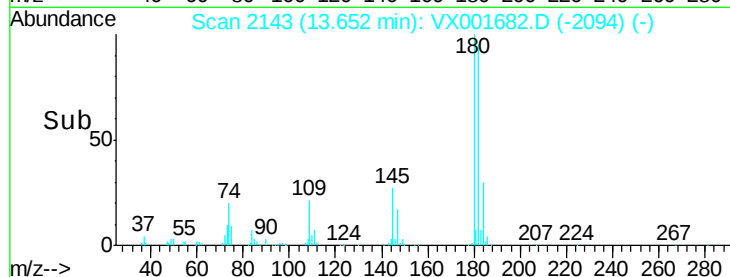
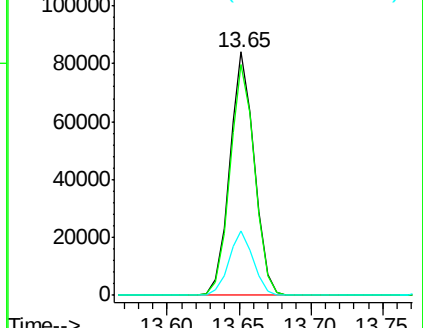
145 26.2 13.3 39.9



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: 20.04 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX001682.D

Acq: 12 May 2018 22:28

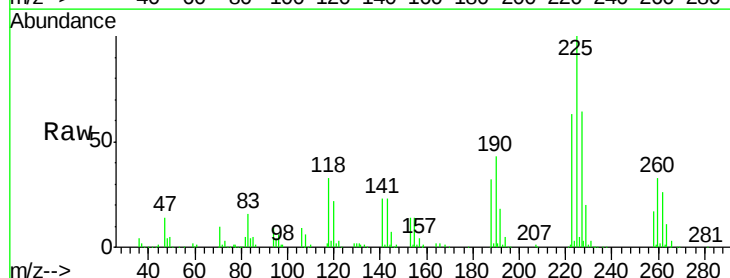
Tgt Ion:225 Resp: 54951

Ion Ratio Lower Upper

225 100

223 60.8 31.3 93.9

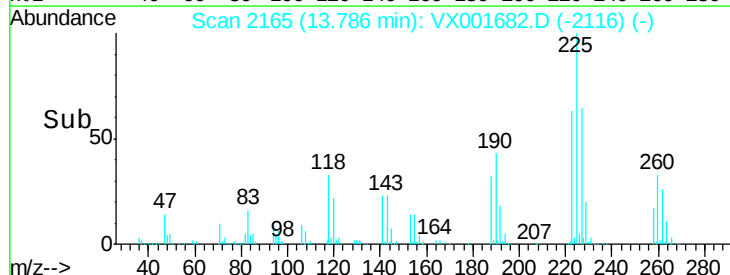
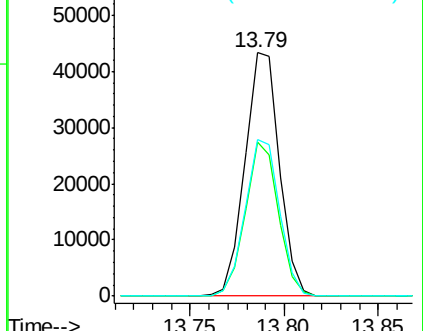
227 64.5 32.4 97.2

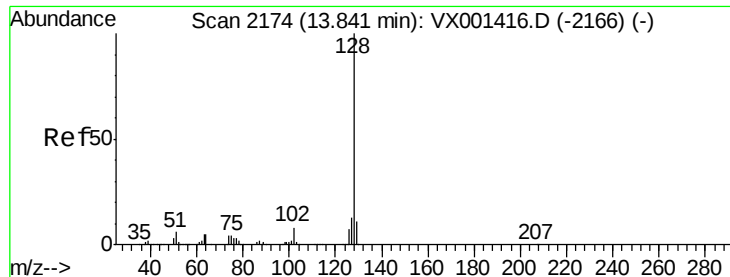


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

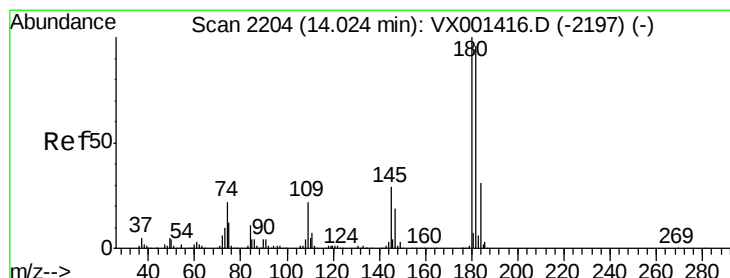
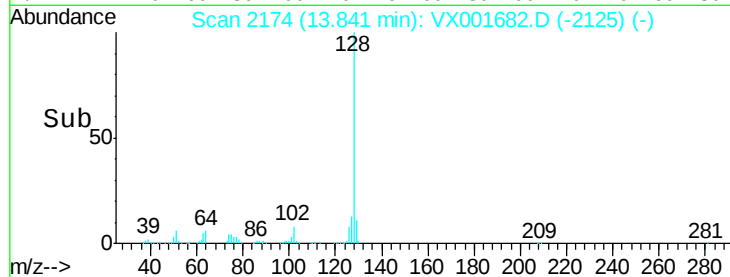
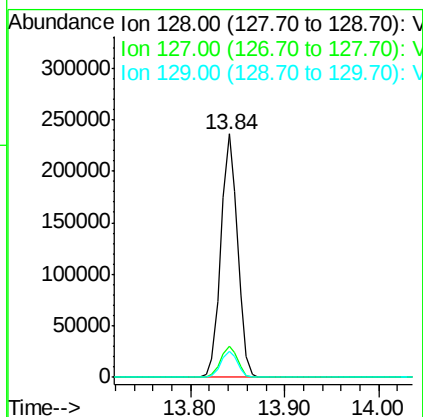
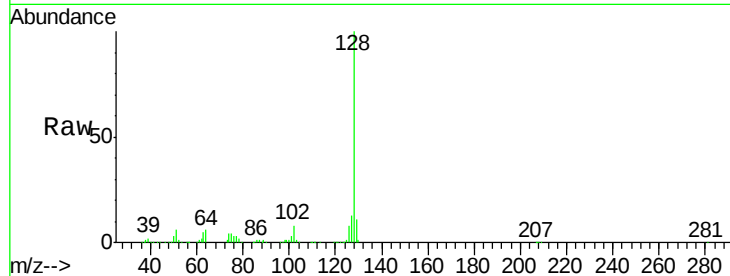




#95
Naphthalene
Concen: 20.91 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001682.D
Acq: 12 May 2018 22:28

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS02

Tgt Ion:128 Resp: 289775
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.81 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.01 min
Lab File: VX001682.D
Acq: 12 May 2018 22:28

Tgt Ion:180 Resp: 106993
Ion Ratio Lower Upper
180 100
182 95.4 48.0 144.2
145 28.7 14.1 42.4

