

Data File : VX001666.D

Acq On : 12 May 2018 14:56

Operator : JC/MD

Sample : VX0512WBSD01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

Quant Time: May 14 05:59:14 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	235450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	301741	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	282002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	197443	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	152816	45.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.32%	
35) Dibromofluoromethane	5.51	113	126987	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
50) Toluene-d8	8.72	98	438353	44.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.48%	
62) 4-Bromofluorobenzene	11.14	95	163140	43.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	58160	18.35	ug/l	100
3) Chloromethane	1.32	50	56060	18.16	ug/l	100
4) Vinyl Chloride	1.40	62	61845	19.20	ug/l	97
5) Bromomethane	1.64	94	36209	22.67	ug/l	97
6) Chloroethane	1.72	64	42321	19.87	ug/l	100
7) Trichlorofluoromethane	1.93	101	94203	19.43	ug/l	99
8) Diethyl Ether	2.19	74	37343	19.65	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	57572	20.25	ug/l	99
10) Methyl Iodide	2.51	142	55685	13.58	ug/l	99
11) Tert butyl alcohol	3.08	59	74287	104.11	ug/l	100
12) 1,1-Dichloroethene	2.37	96	51065	19.60	ug/l	98
13) Acrolein	2.29	56	9800	60.84	ug/l	99
14) Allyl chloride	2.73	41	98895	20.36	ug/l	97
15) Acrylonitrile	3.15	53	165507	102.65	ug/l	99
16) Acetone	2.45	43	174447	113.52	ug/l	100
17) Carbon Disulfide	2.57	76	112173	16.92	ug/l	100
18) Methyl Acetate	2.78	43	92228	22.84	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	185204	20.42	ug/l	96
20) Methylene Chloride	2.86	84	59823	19.66	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	54368	18.70	ug/l	94
22) Diisopropyl ether	3.88	45	187895	20.70	ug/l	96
23) Vinyl Acetate	3.83	43	758358	100.26	ug/l	99
24) 1,1-Dichloroethane	3.70	63	100333	19.79	ug/l	99
25) 2-Butanone	4.71	43	233752	105.23	ug/l	99
26) 2,2-Dichloropropane	4.59	77	83785	21.40	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	62800	20.28	ug/l	99
28) Bromochloromethane	5.03	49	49302	22.43	ug/l	97
29) Tetrahydrofuran	5.17	42	138905	97.74	ug/l	99
30) Chloroform	5.22	83	111332	21.32	ug/l	99
31) Cyclohexane	5.58	56	82664	18.98	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	95758	20.98	ug/l	99
36) 1,1-Dichloropropene	5.81	75	73329	19.10	ug/l	99
37) Ethyl Acetate	4.87	43	84093	19.99	ug/l	99
38) Carbon Tetrachloride	5.79	117	84649	20.68	ug/l	99

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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

Quant Time: May 14 05:59:14 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	7.46	83	85693	18.88	ug/l	98
40) Benzene	6.15	78	230730	20.58	ug/l	100
41) Methacrylonitrile	5.07	41	49025	20.37	ug/l	99
42) 1,2-Dichloroethane	6.20	62	90823	21.08	ug/l	99
43) Isopropyl Acetate	6.47	43	130985	20.28	ug/l	100
44) Trichloroethene	7.22	130	69863	20.39	ug/l	98
45) 1,2-Dichloropropane	7.53	63	58845	21.05	ug/l	100
46) Dibromomethane	7.67	93	40539	20.49	ug/l	98
47) Bromodichloromethane	7.90	83	77444	21.15	ug/l	99
48) Methyl methacrylate	7.79	41	69346	19.72	ug/l	99
49) 1,4-Dioxane	7.76	88	30256	398.19	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	450529	104.97	ug/l	99
52) Toluene	8.79	92	151155	20.62	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	87534	21.15	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	78484	19.78	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	63454	21.49	ug/l	98
56) Ethyl methacrylate	9.19	69	86571	20.34	ug/l	100
57) 1,3-Dichloropropane	9.38	76	101597	20.81	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	224108	107.33	ug/l	99
59) 2-Hexanone	9.51	43	336778	102.47	ug/l	99
60) Dibromochloromethane	9.59	129	62110	20.54	ug/l	99
61) 1,2-Dibromoethane	9.68	107	63243	20.40	ug/l	99
64) Tetrachloroethene	9.34	164	81598	20.76	ug/l	97
65) Chlorobenzene	10.14	112	170332	20.60	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	63273	21.39	ug/l	100
67) Ethyl Benzene	10.26	91	272392	20.09	ug/l	100
68) m/p-Xylenes	10.37	106	218836	40.86	ug/l	100
69) o-Xylene	10.71	106	107790	20.71	ug/l	100
70) Styrene	10.72	104	174298	20.61	ug/l	100
71) Bromoform	10.86	173	48930	19.54	ug/l	99
73) Isopropylbenzene	11.02	105	291771	21.35	ug/l	99
74) N-amyl acetate	6.47	43	130985	21.10	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	87483	21.67	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	99826	24.93	ug/l	90
77) Bromobenzene	11.26	156	82993	20.88	ug/l	98
78) n-propylbenzene	11.37	91	316466	21.26	ug/l	98
79) 2-Chlorotoluene	11.43	91	192504	21.02	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	239769	21.07	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	20856	19.47	ug/l	90
82) 4-Chlorotoluene	11.52	91	219673	20.79	ug/l	100
83) tert-Butylbenzene	11.77	119	237239	20.95	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	249671	21.35	ug/l	99
85) sec-Butylbenzene	11.95	105	289770	21.32	ug/l	100
86) p-Isopropyltoluene	12.07	119	264974	21.25	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	145474	20.48	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	148523	20.50	ug/l	99
89) n-Butylbenzene	12.40	91	206361	19.98	ug/l	99
90) Hexachloroethane	12.60	117	40036	21.33	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	150674	20.85	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18825	21.22	ug/l	98

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

Data File : VX001666.D
Acq On : 12 May 2018 14:56
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Sample : VX0512WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

Quant Time: May 14 05:59:14 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	104944	19.84	ug/l	99
94) Hexachlorobutadiene	13.79	225	58392	20.18	ug/l	100
95) Naphthalene	13.84	128	304124	20.79	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	113867	20.98	ug/l	99

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

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Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 9 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

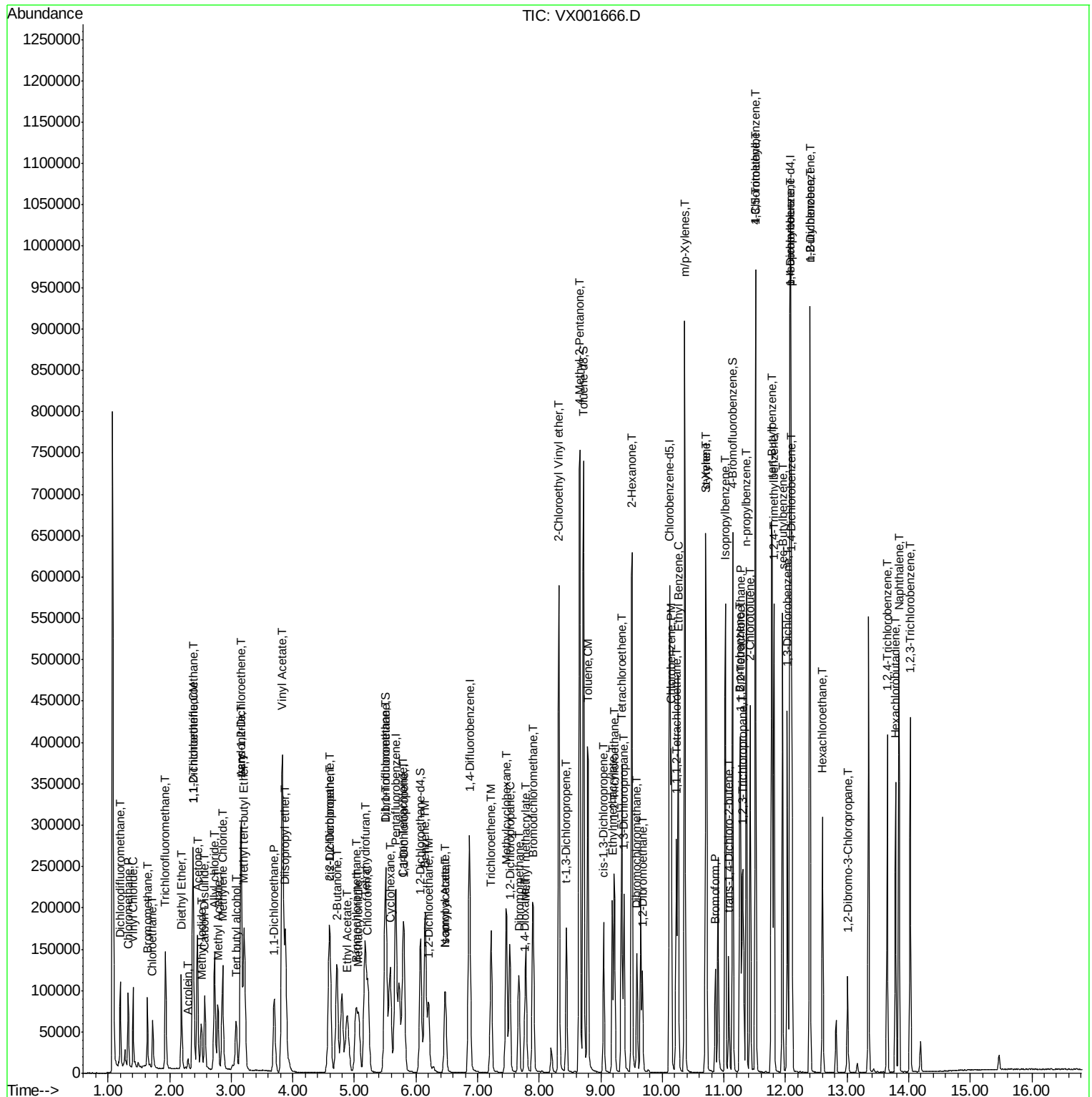
Quant Time: May 14 05:59:14 2018

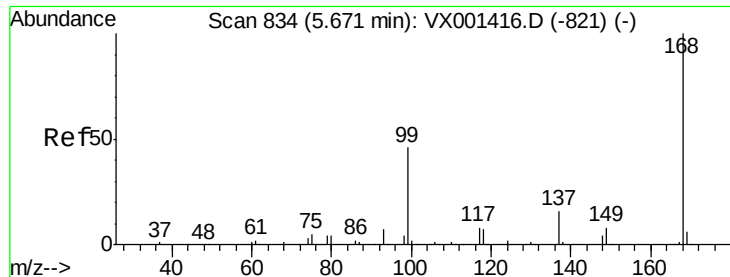
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

Quant Title : SW846 8260

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

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

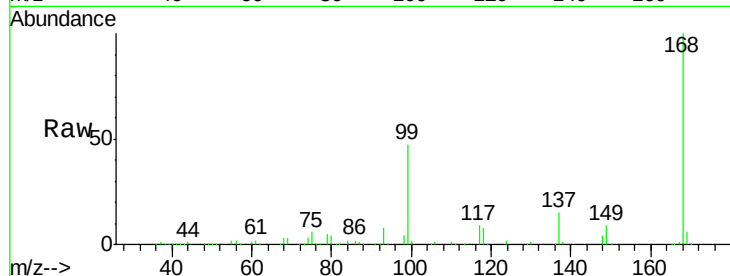
VX0512WBSD01

Tgt Ion:168 Resp: 235450

Ion Ratio Lower Upper

168 100

99 46.9 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

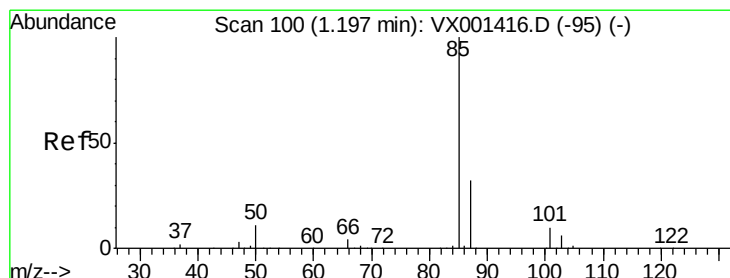
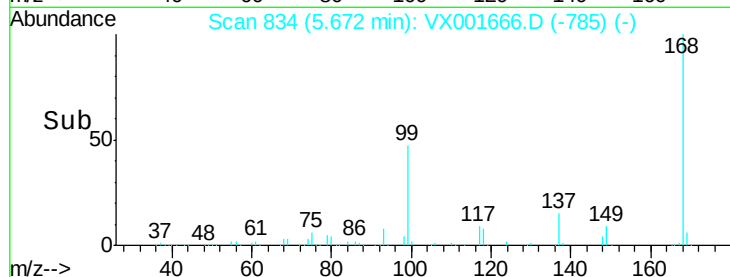
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.35 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001666.D

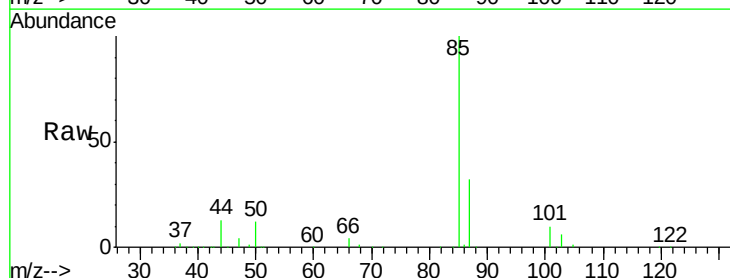
Acq: 12 May 2018 14:56

Tgt Ion: 85 Resp: 58160

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

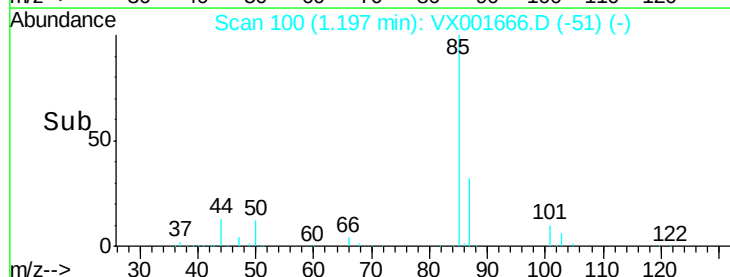
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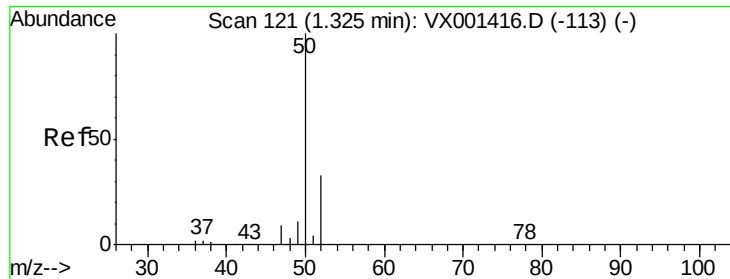
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.16 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

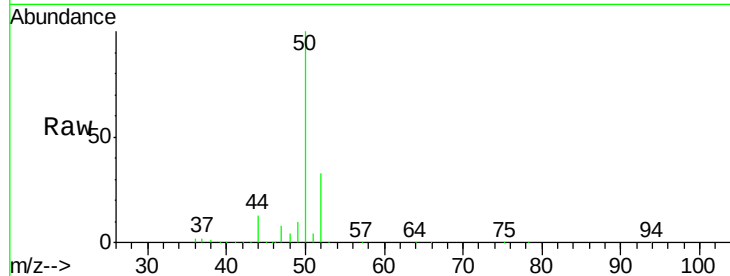
VX0512WBSD01

Tgt Ion: 50 Resp: 56060

Ion Ratio Lower Upper

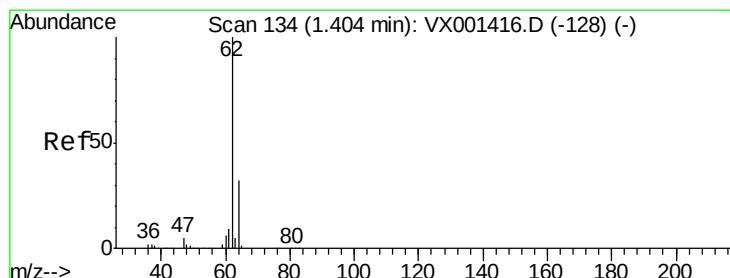
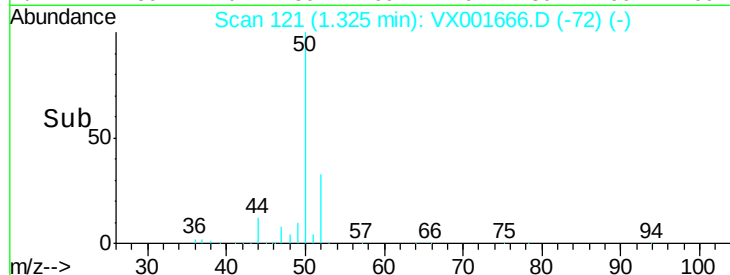
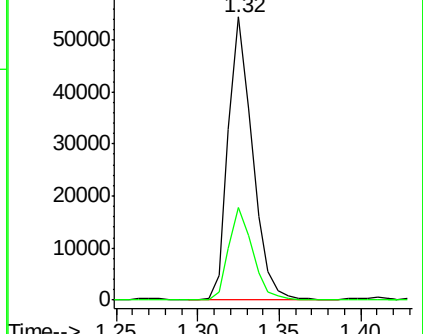
50 100

52 33.0 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.20 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001666.D

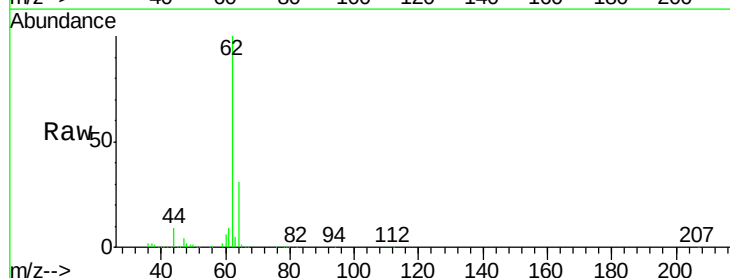
Acq: 12 May 2018 14:56

Tgt Ion: 62 Resp: 61845

Ion Ratio Lower Upper

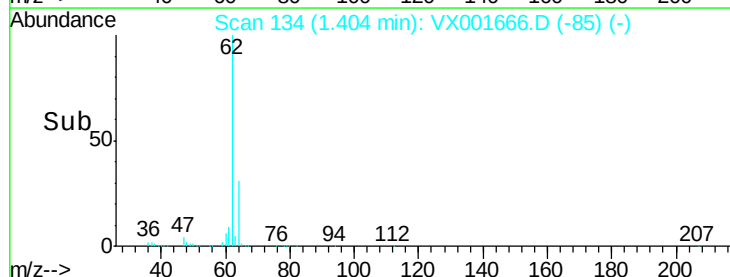
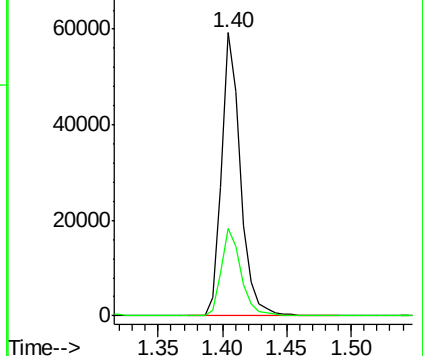
62 100

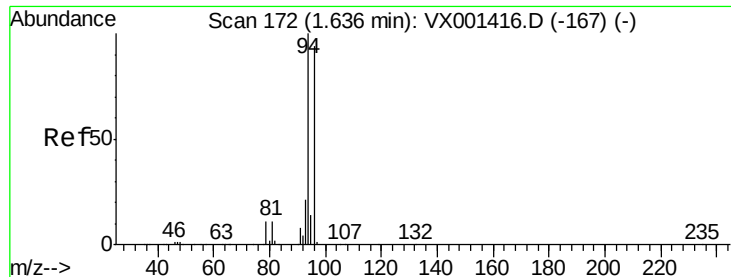
64 30.7 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.67 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

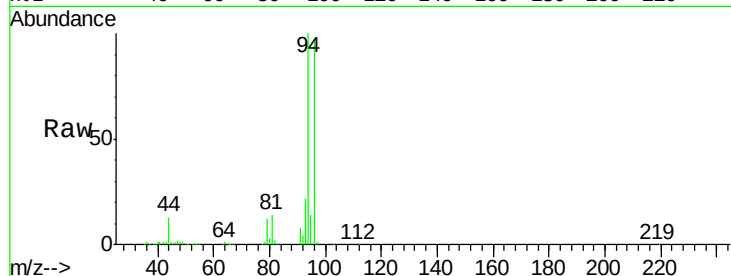
VX0512WBSD01

Tgt Ion: 94 Resp: 36209

Ion Ratio Lower Upper

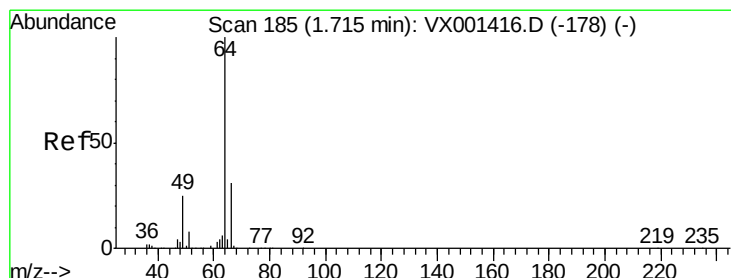
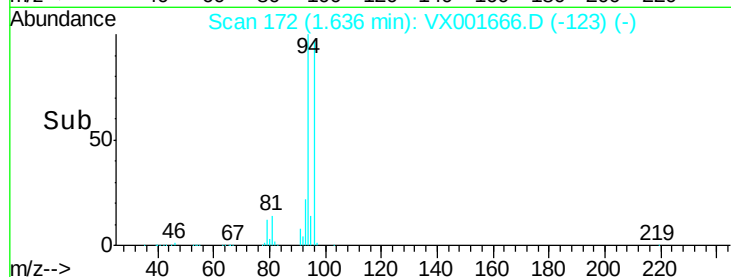
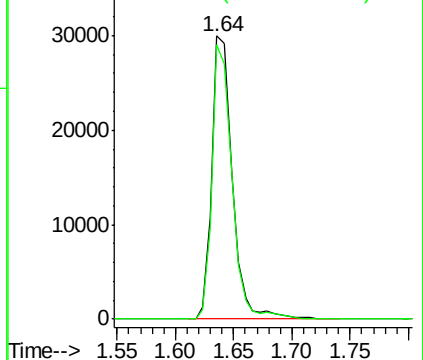
94 100

96 97.0 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: 19.87 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001666.D

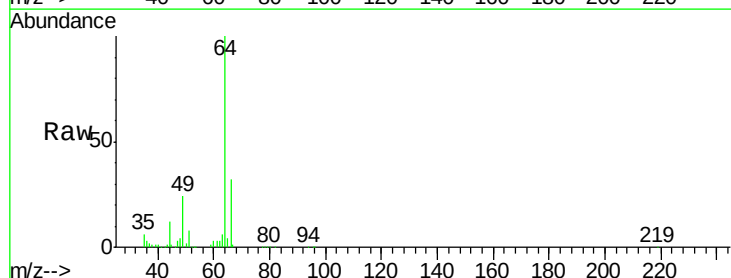
Acq: 12 May 2018 14:56

Tgt Ion: 64 Resp: 42321

Ion Ratio Lower Upper

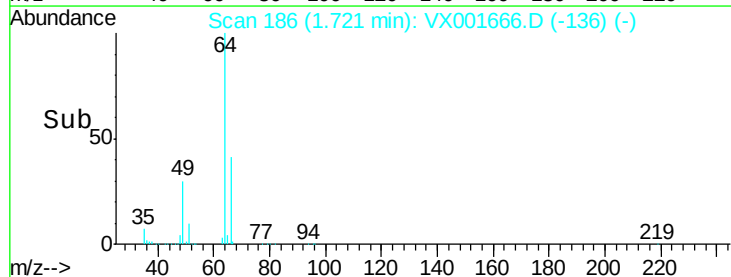
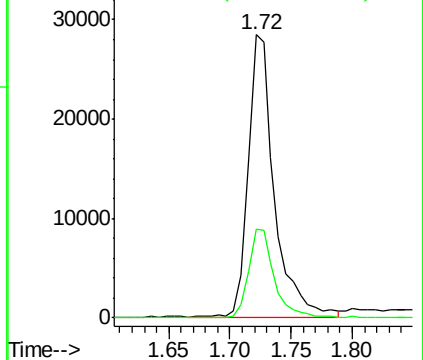
64 100

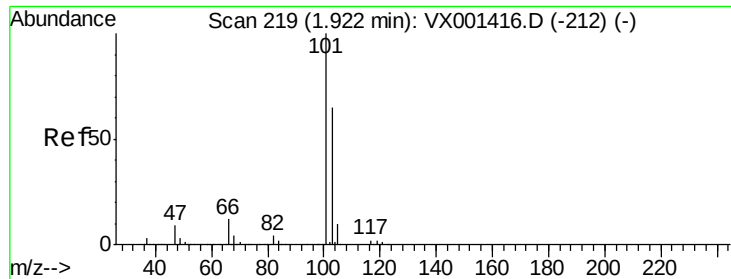
66 31.6 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



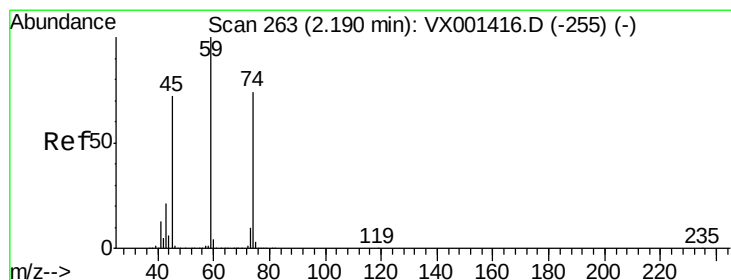
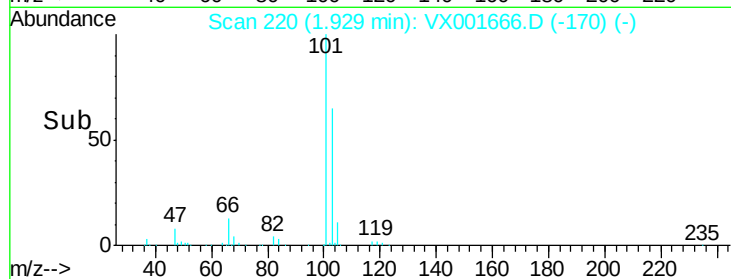
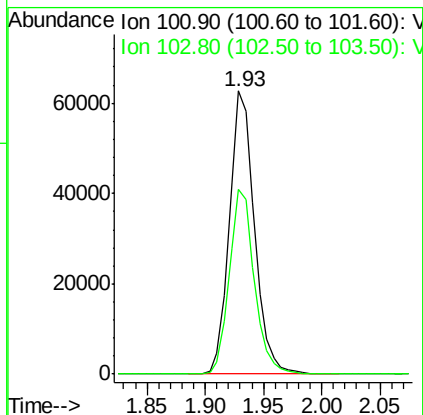
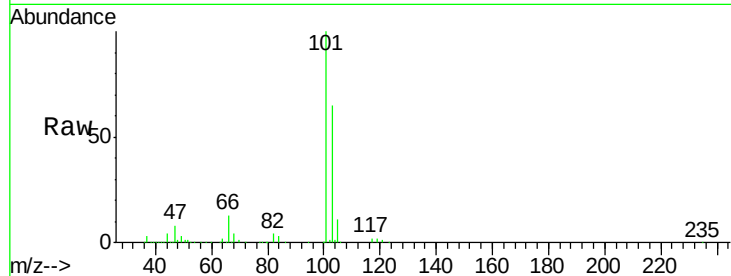


#7

Trichlorofluoromethane
 Concen: 19.43 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD01

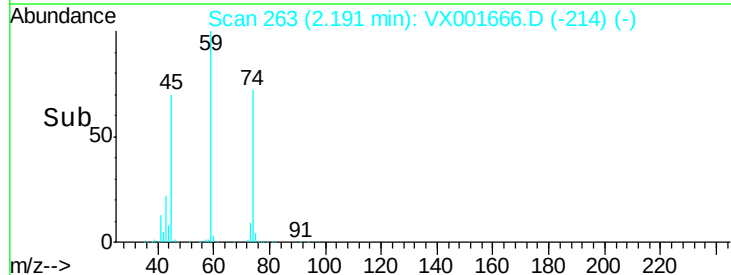
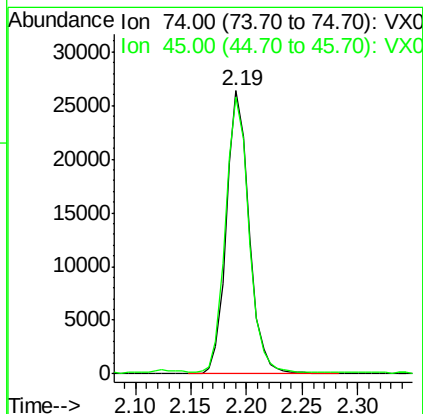
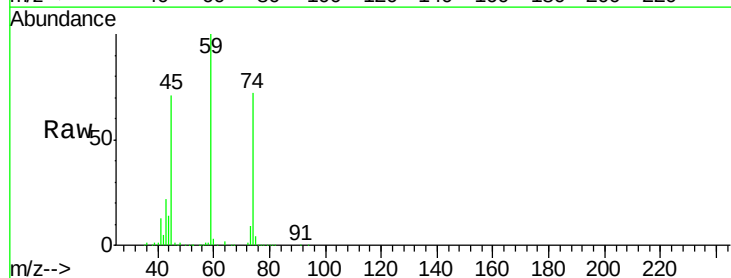
Tgt Ion:101 Resp: 94203
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.0 78.0

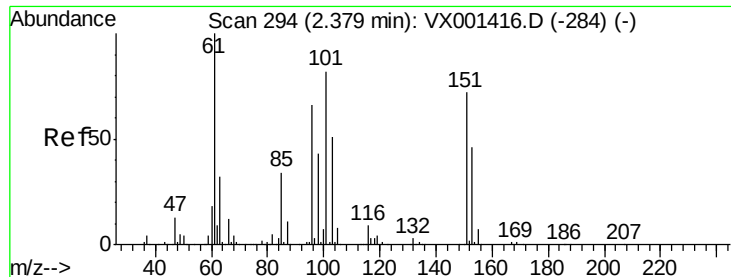


#8

Diethyl Ether
 Concen: 19.65 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

Tgt Ion: 74 Resp: 37343
 Ion Ratio Lower Upper
 74 100
 45 100.2 47.9 143.6

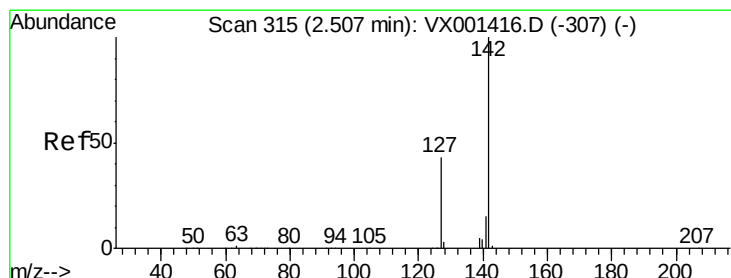
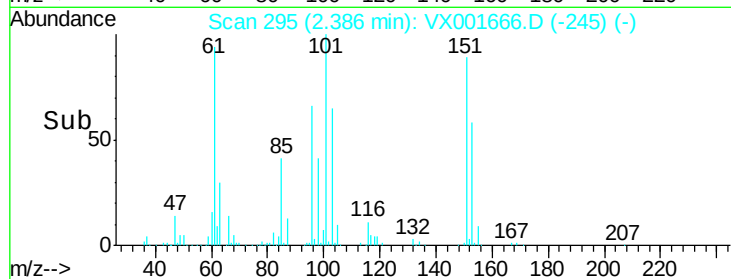
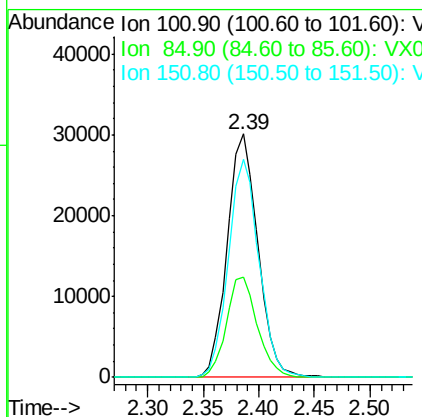
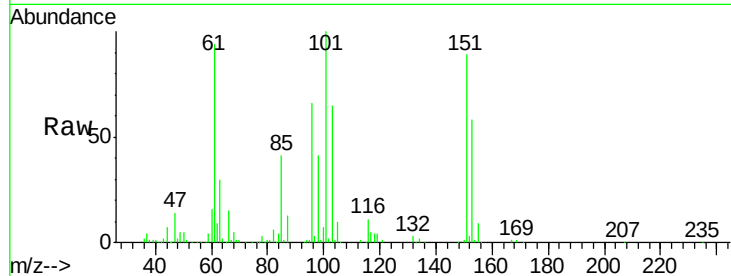




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.25 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

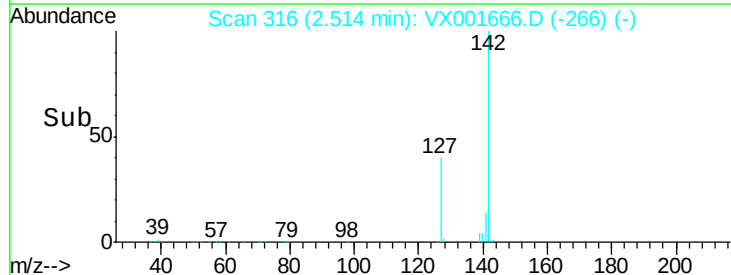
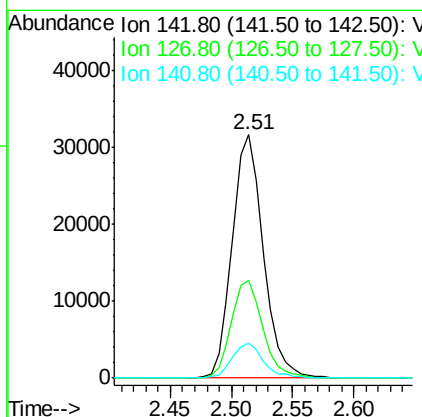
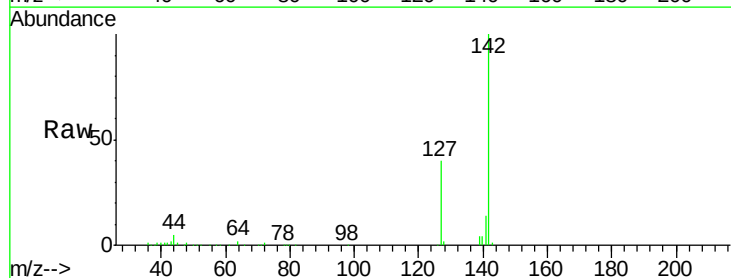
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD01

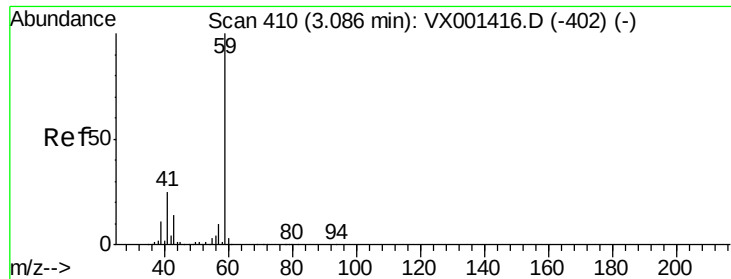
Tgt Ion:101 Resp: 57572
 Ion Ratio Lower Upper
 101 100
 85 41.5 33.7 50.5
 151 89.3 72.3 108.5



#10
 Methyl Iodide
 Concen: 13.58 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

Tgt Ion:142 Resp: 55685
 Ion Ratio Lower Upper
 142 100
 127 40.8 33.6 50.4
 141 14.4 11.4 17.2



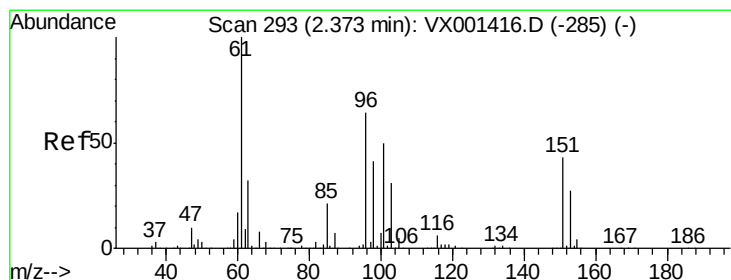
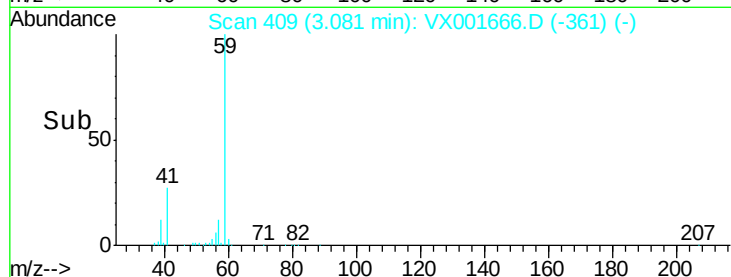
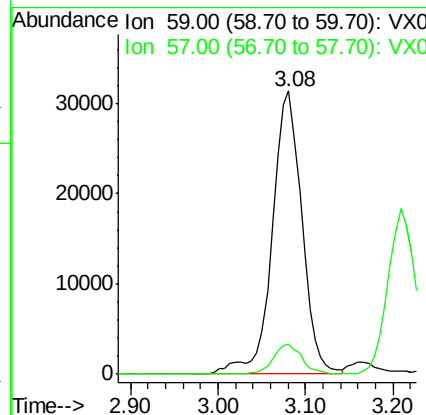
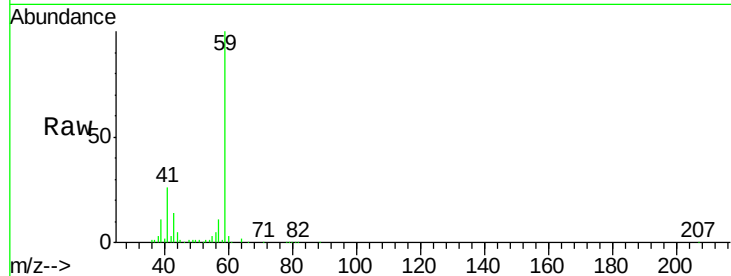


#11

Tert butyl alcohol
 Concen: 104.11 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD01

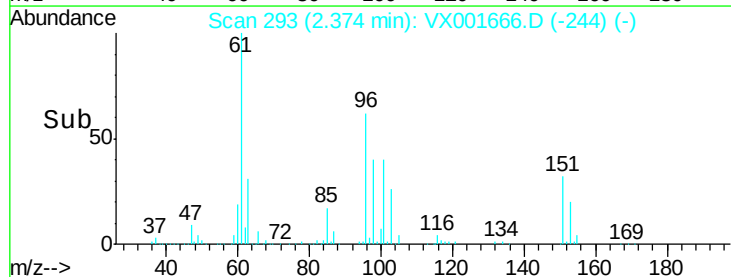
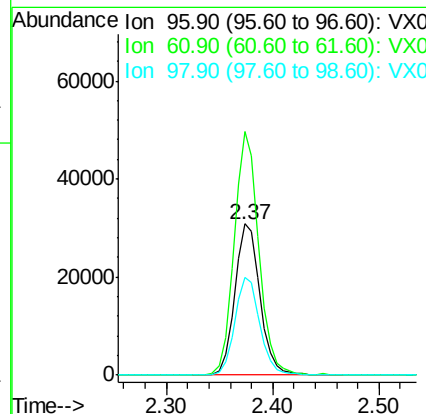
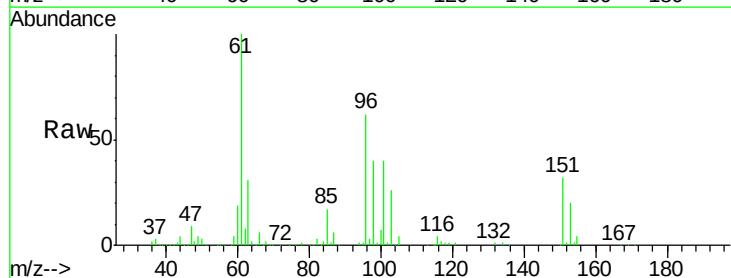
Tgt Ion: 59 Resp: 74287
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

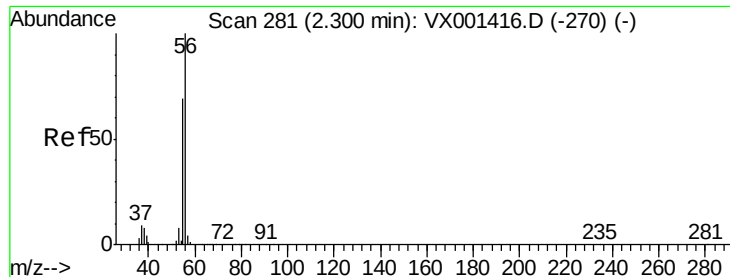


#12

1,1-Dichloroethene
 Concen: 19.60 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

Tgt Ion: 96 Resp: 51065
 Ion Ratio Lower Upper
 96 100
 61 161.1 125.7 188.5
 98 65.0 52.0 78.0





#13

Acrolein

Concen: 60.84 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

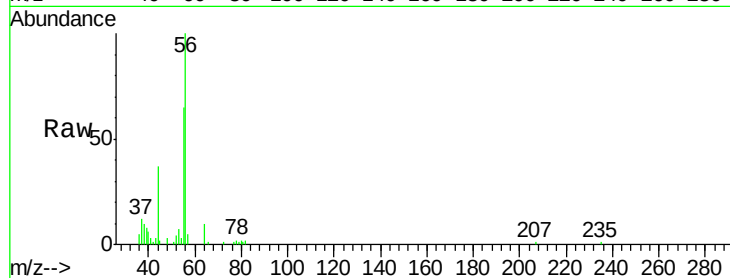
VX0512WBSD01

Tgt Ion: 56 Resp: 9800

Ion Ratio Lower Upper

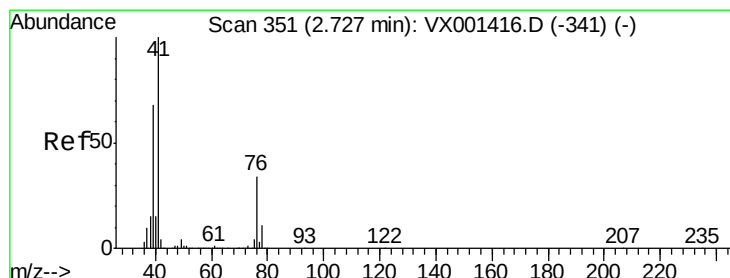
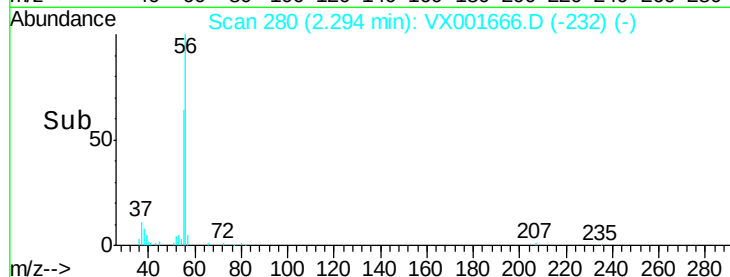
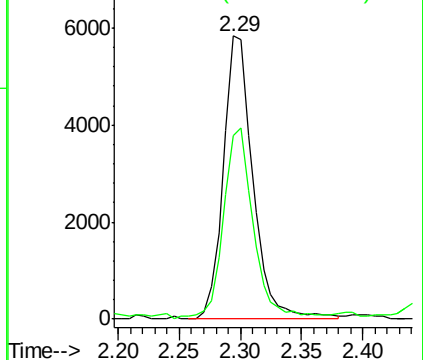
56 100

55 68.7 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: 20.36 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

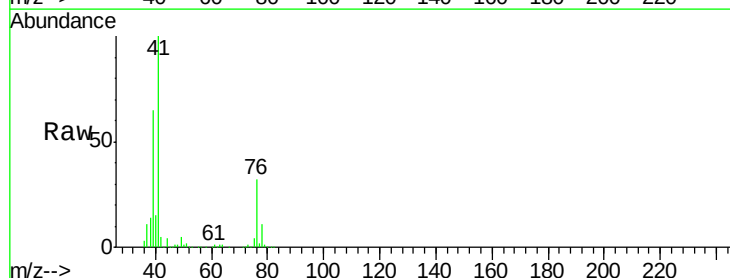
Tgt Ion: 41 Resp: 98895

Ion Ratio Lower Upper

41 100

39 62.9 52.4 78.6

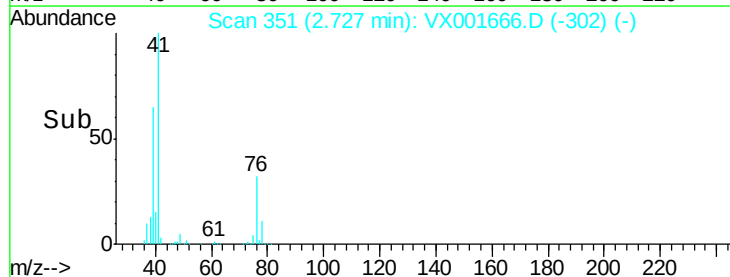
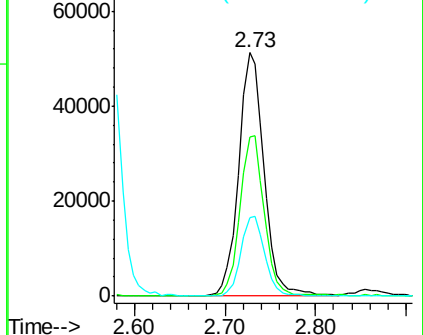
76 30.9 25.8 38.6

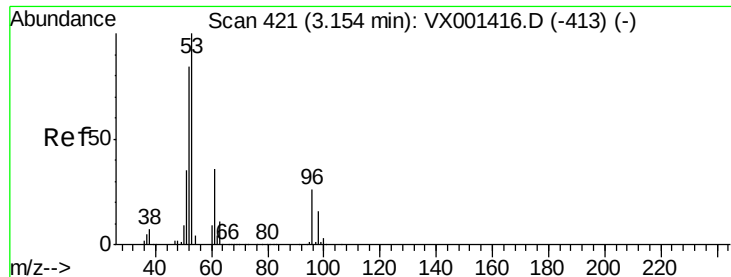


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 102.65 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

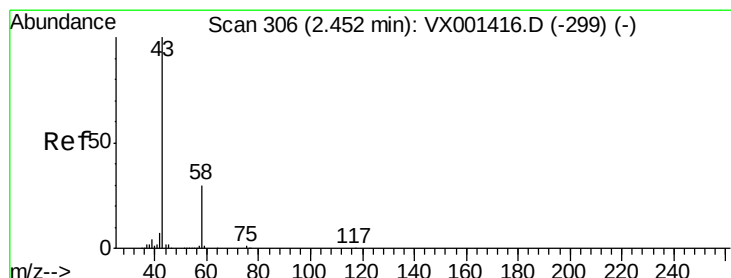
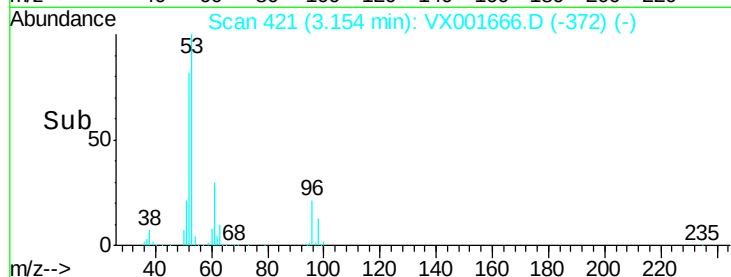
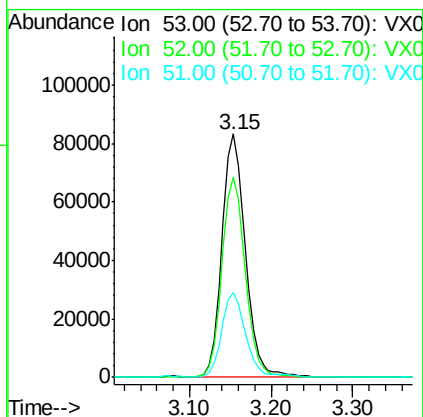
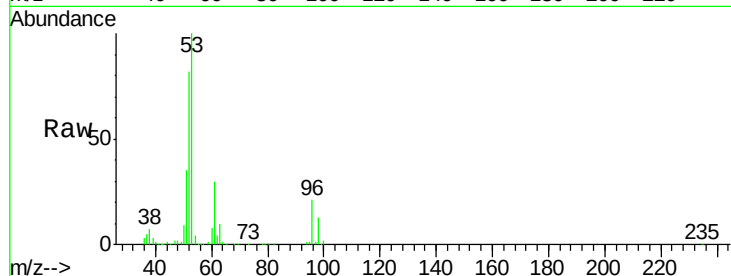
Tgt Ion: 53 Resp: 165507

Ion Ratio Lower Upper

53 100

52 81.8 66.2 99.2

51 35.8 28.6 43.0



#16

Acetone

Concen: 113.52 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001666.D

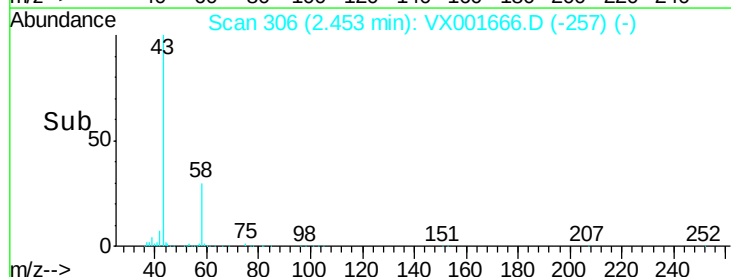
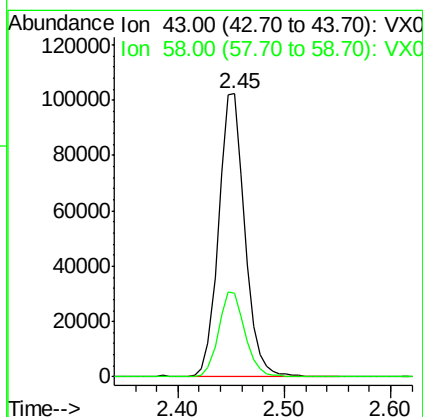
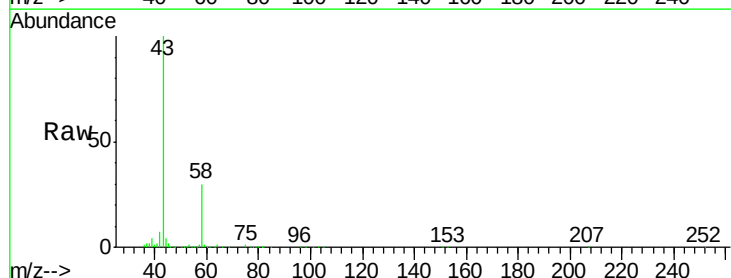
Acq: 12 May 2018 14:56

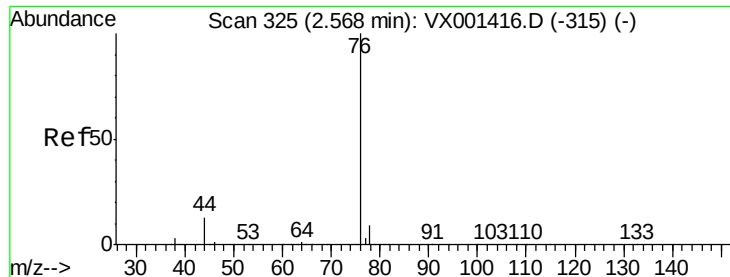
Tgt Ion: 43 Resp: 174447

Ion Ratio Lower Upper

43 100

58 29.7 23.8 35.8





#17

Carbon Disulfide

Concen: 16.92 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

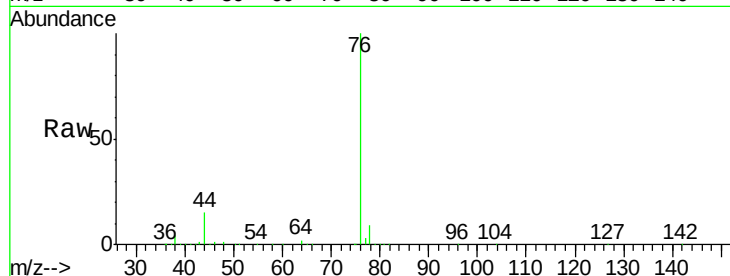
VX0512WBSD01

Tgt Ion: 76 Resp: 112173

Ion Ratio Lower Upper

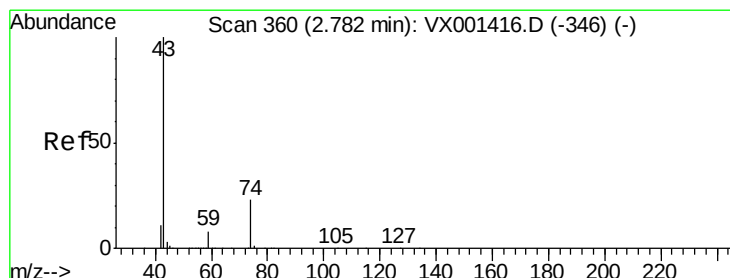
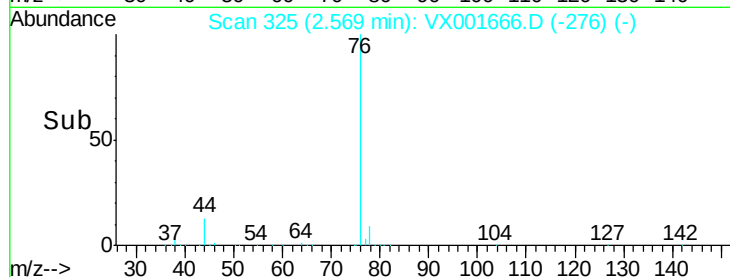
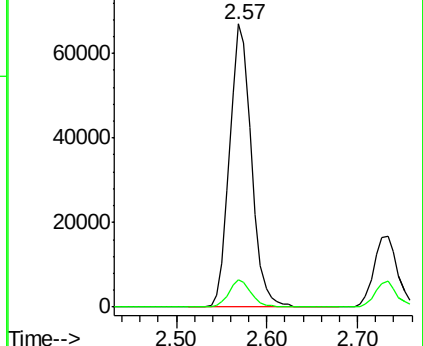
76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.84 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001666.D

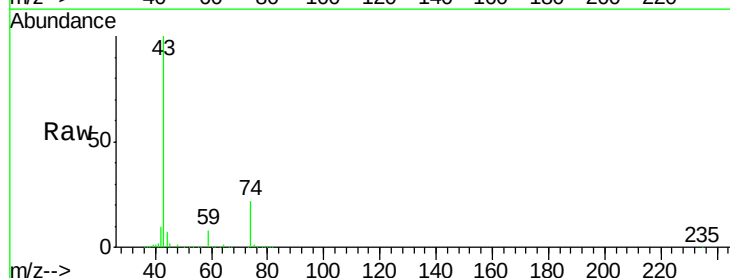
Acq: 12 May 2018 14:56

Tgt Ion: 43 Resp: 92228

Ion Ratio Lower Upper

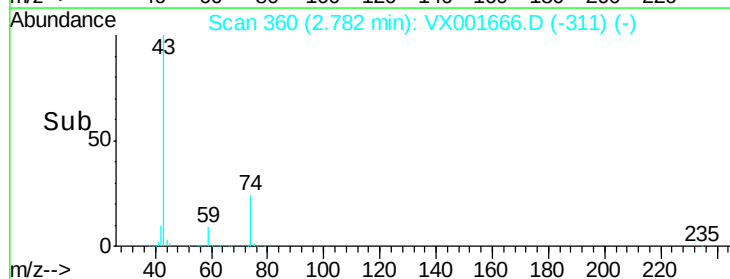
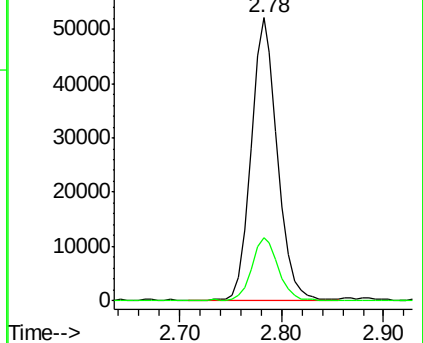
43 100

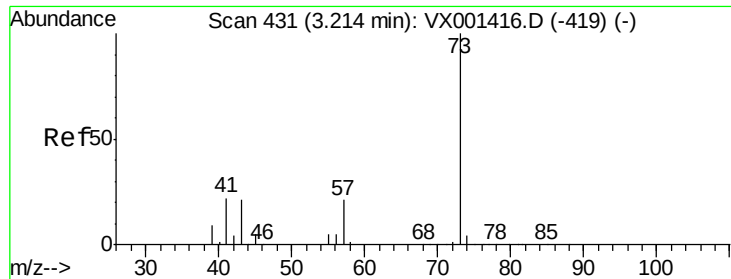
74 23.1 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

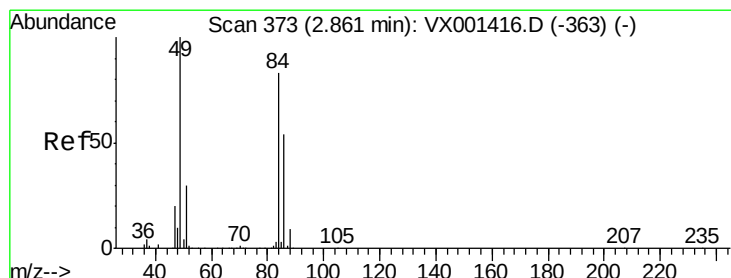
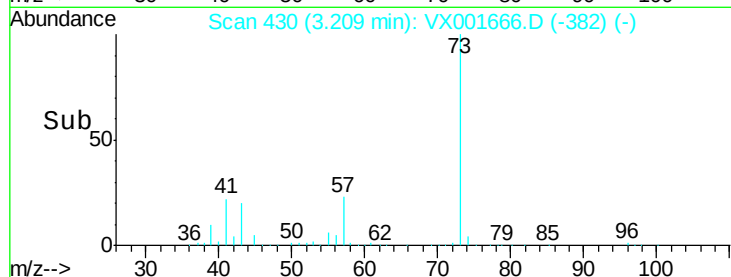
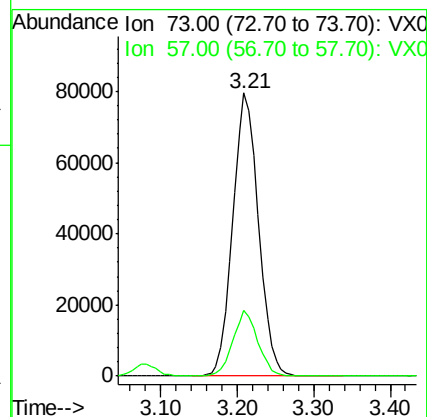
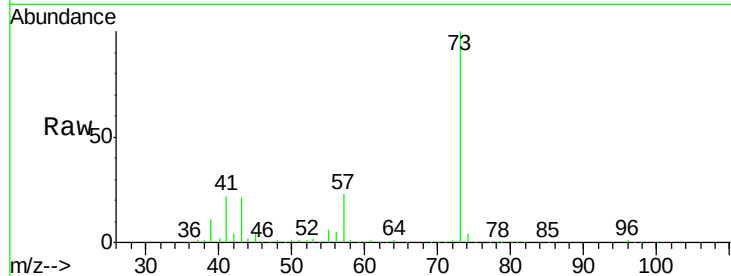




#19
Methyl tert-butyl Ether
Concen: 20.42 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

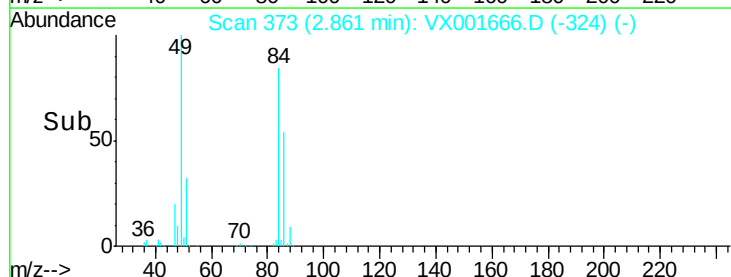
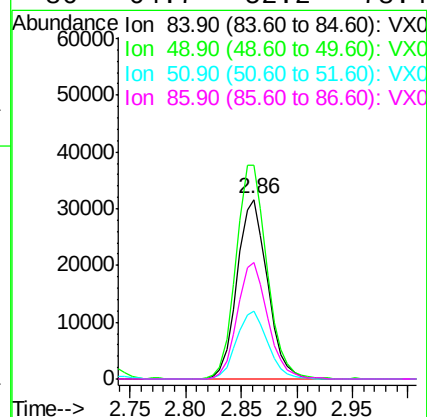
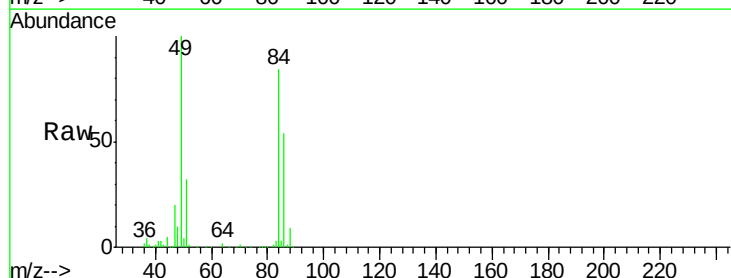
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

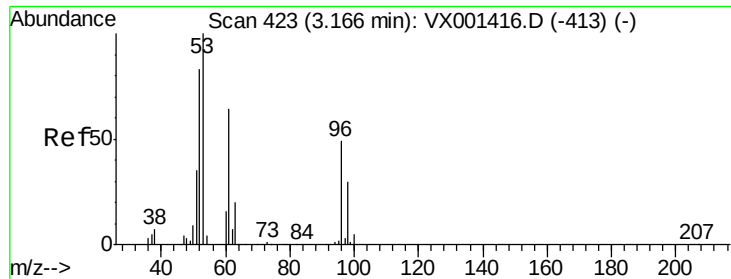
Tgt Ion: 73 Resp: 185204
Ion Ratio Lower Upper
73 100
57 23.1 17.0 25.6



#20
Methylene Chloride
Concen: 19.66 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Tgt Ion: 84 Resp: 59823
Ion Ratio Lower Upper
84 100
49 118.8 96.6 144.8
51 37.8 29.0 43.4
86 64.7 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 18.70 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

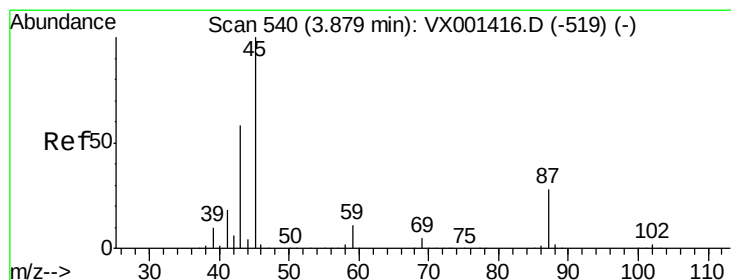
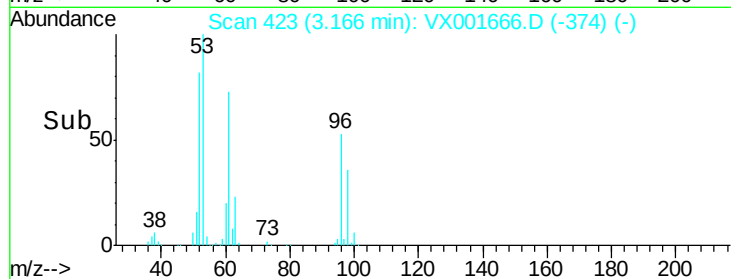
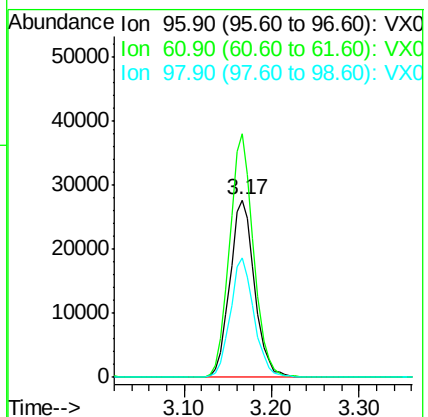
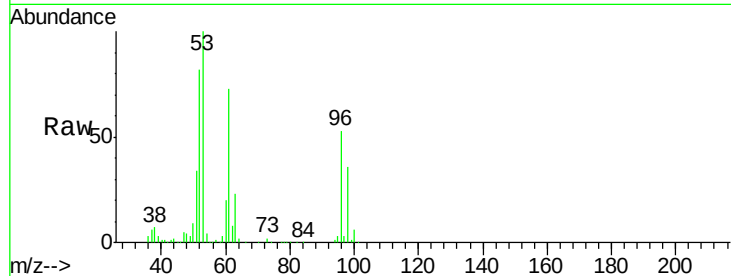
Tgt Ion: 96 Resp: 54368

Ion Ratio Lower Upper

96 100

61 137.5 105.0 157.4

98 67.3 49.9 74.9



#22

Diisopropyl ether

Concen: 20.70 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Tgt Ion: 45 Resp: 187895

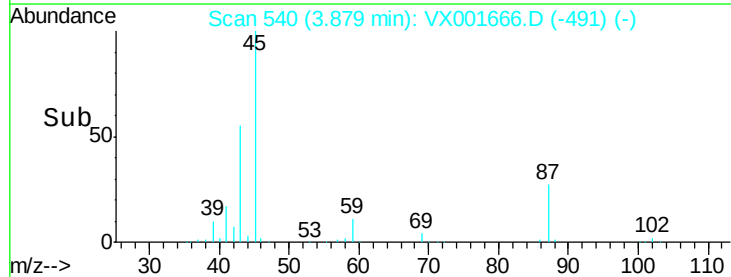
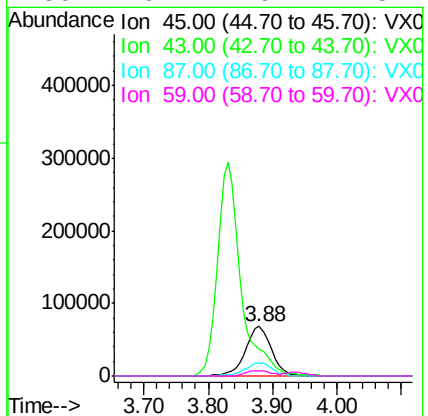
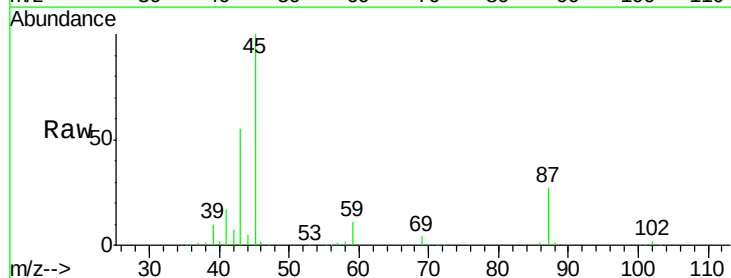
Ion Ratio Lower Upper

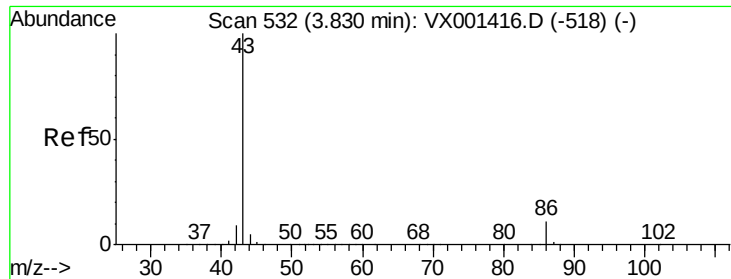
45 100

43 54.9 46.5 69.7

87 26.5 22.6 34.0

59 10.7 9.1 13.7





#23

Vinyl Acetate

Concen: 100.26 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

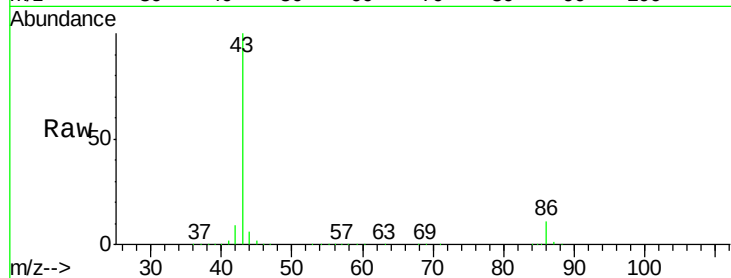
VX0512WBSD01

Tgt Ion: 43 Resp: 758358

Ion Ratio Lower Upper

43 100

86 10.5 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

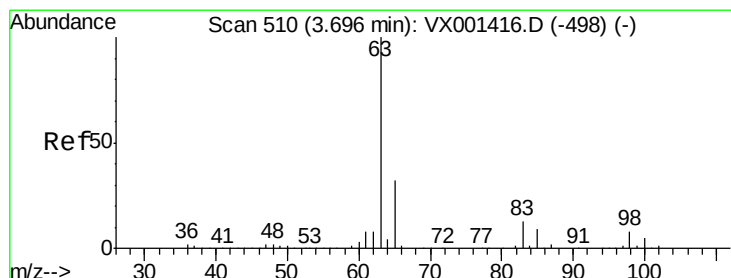
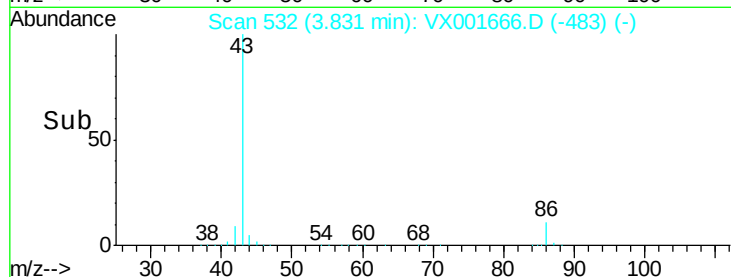
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.79 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

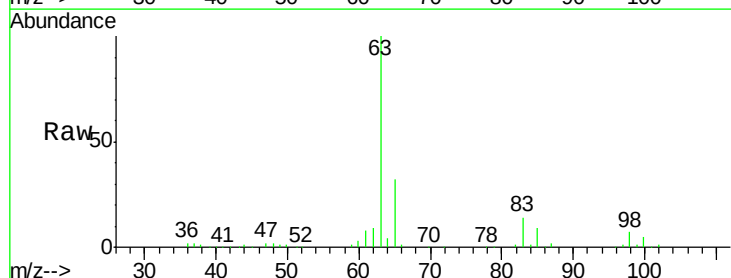
Tgt Ion: 63 Resp: 100333

Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.4

100 4.9 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

3.70

50000

40000

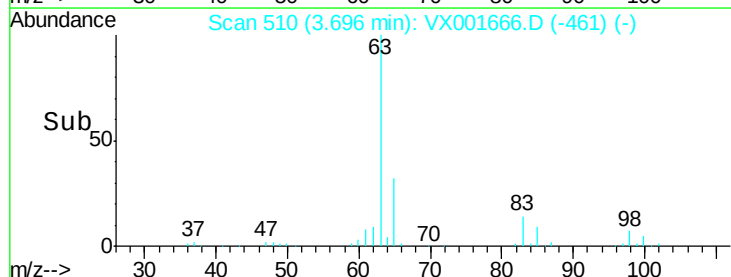
30000

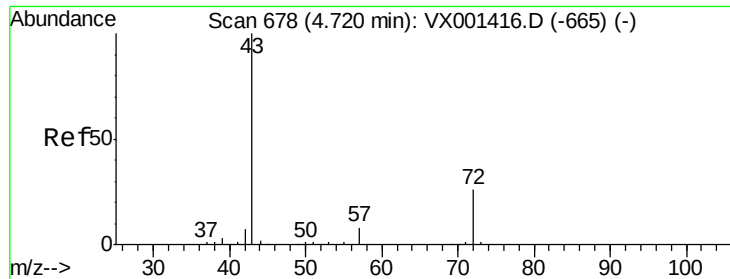
20000

10000

0

Time-->





#25

2-Butanone

Concen: 105.23 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

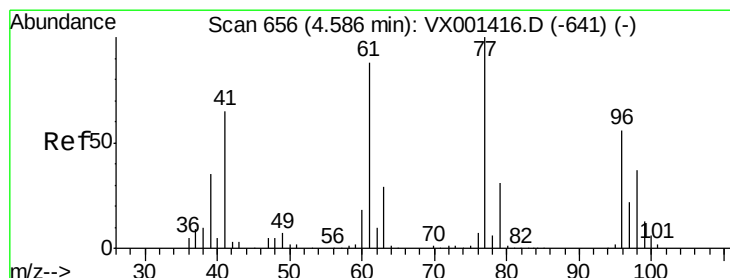
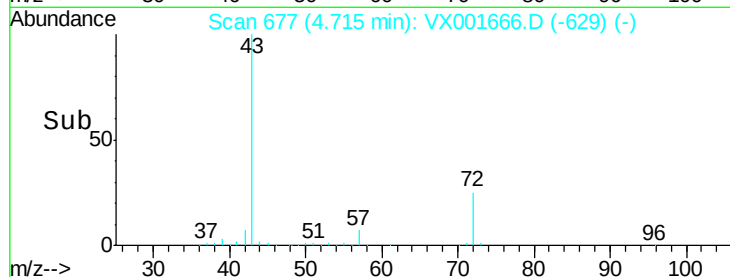
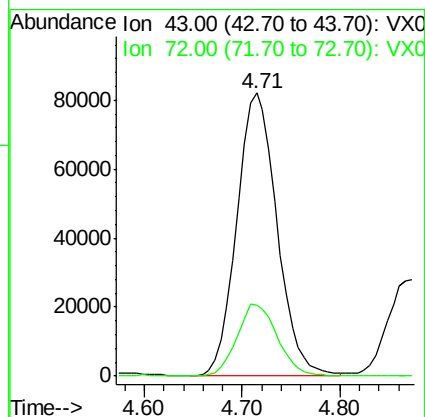
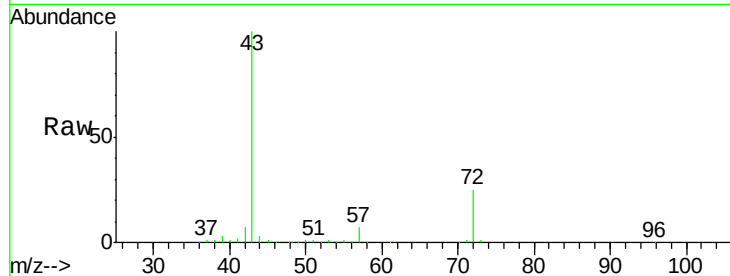
VX0512WBSD01

Tgt Ion: 43 Resp: 233752

Ion Ratio Lower Upper

43 100

72 25.3 20.7 31.1



#26

2,2-Dichloropropane

Concen: 21.40 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX001666.D

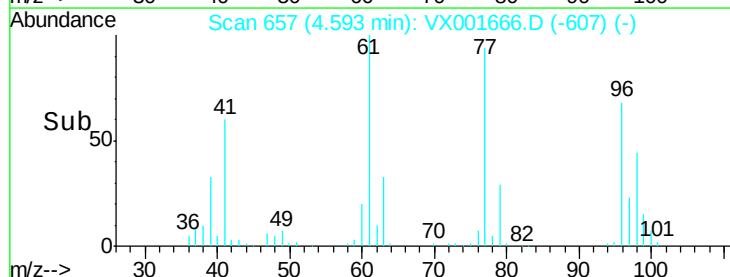
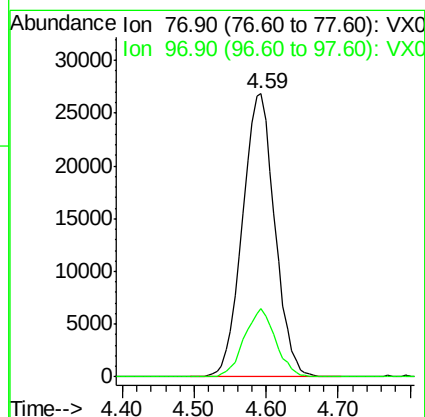
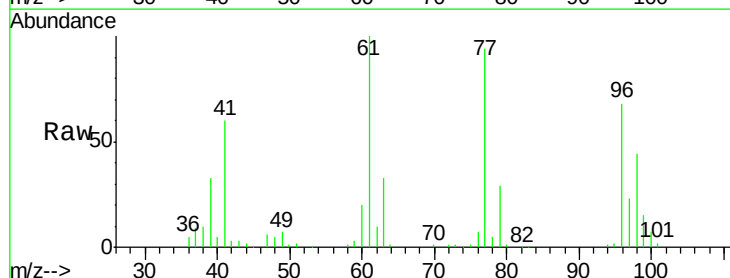
Acq: 12 May 2018 14:56

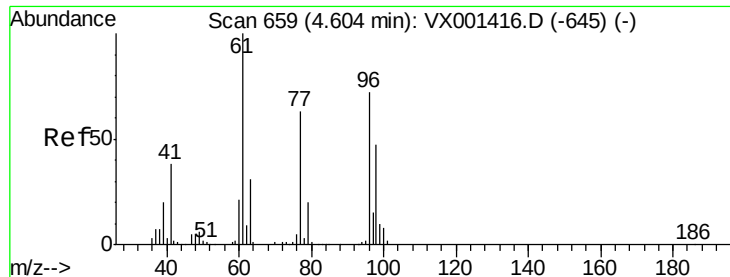
Tgt Ion: 77 Resp: 83785

Ion Ratio Lower Upper

77 100

97 23.3 11.2 33.6



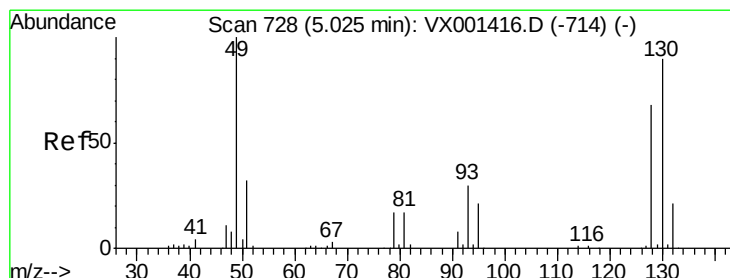
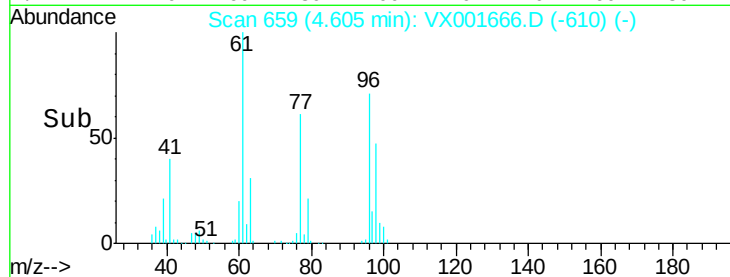
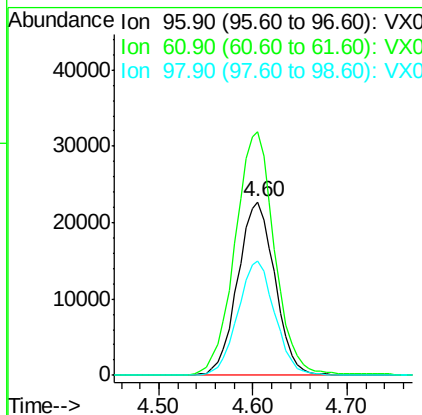
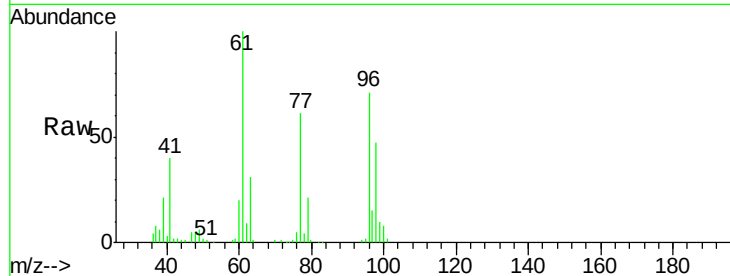


#27

cis-1,2-Dichloroethene
 Concen: 20.28 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD01

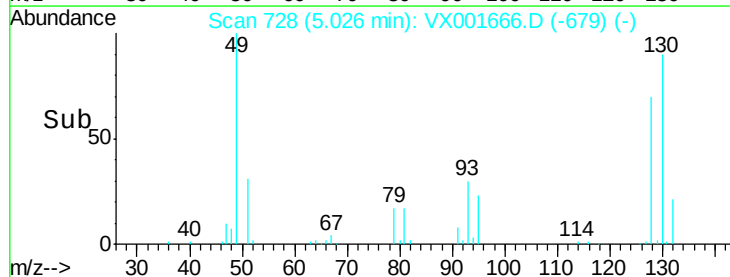
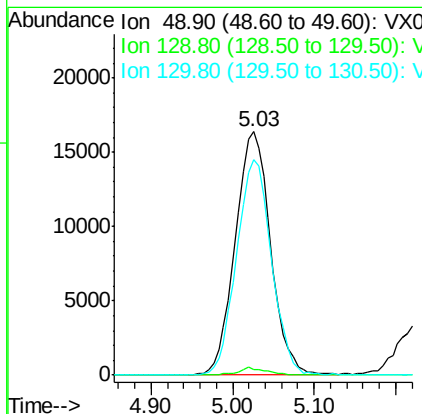
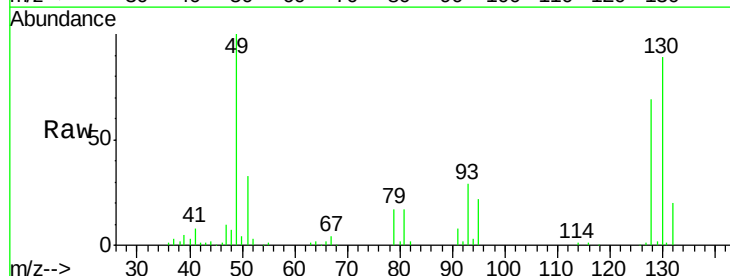
Tgt Ion: 96 Resp: 62800
 Ion Ratio Lower Upper
 96 100
 61 149.1 0.0 301.6
 98 65.6 0.0 131.6

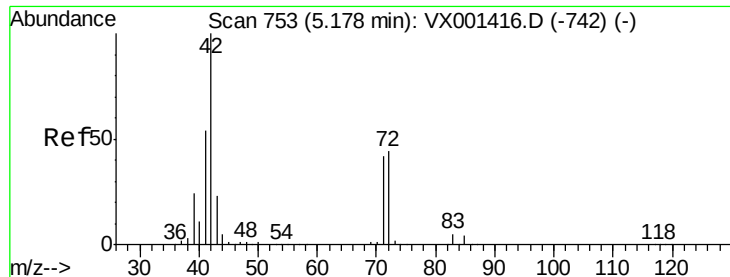


#28

Bromochloromethane
 Concen: 22.43 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

Tgt Ion: 49 Resp: 49302
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 87.4 71.9 107.9





#29

Tetrahydrofuran

Concen: 97.74 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

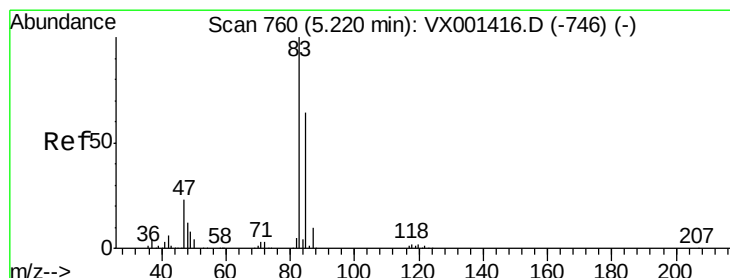
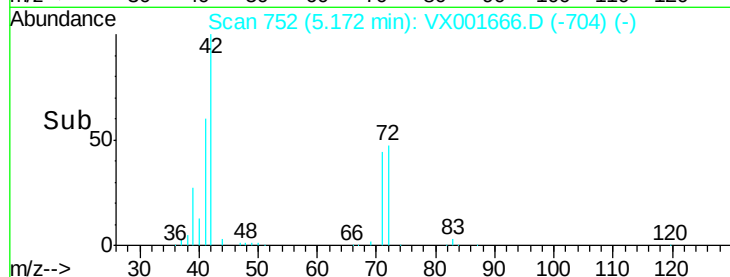
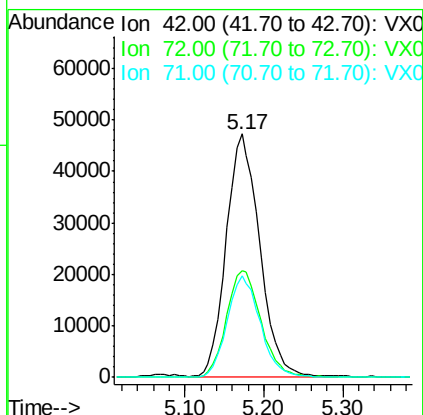
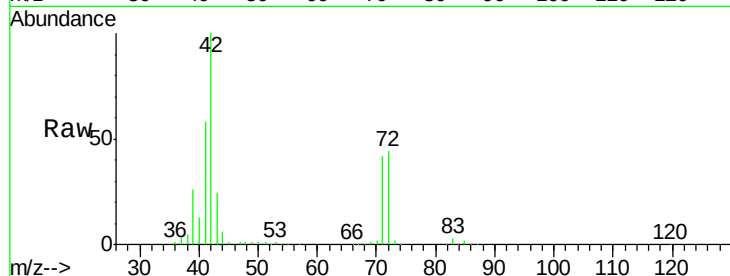
Tgt Ion: 42 Resp: 138905

Ion Ratio Lower Upper

42 100

72 45.5 35.4 53.2

71 41.4 33.0 49.4



#30

Chloroform

Concen: 21.32 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001666.D

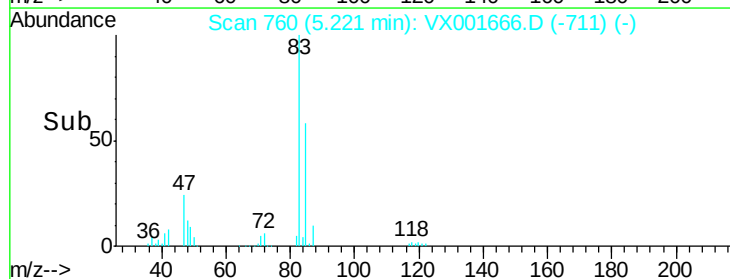
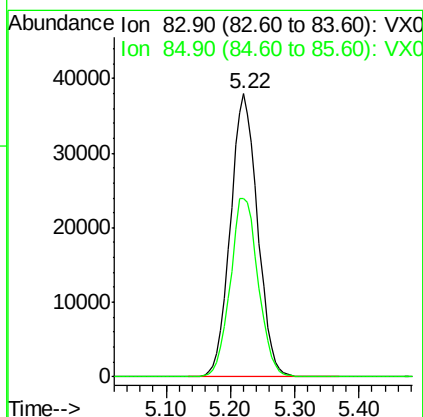
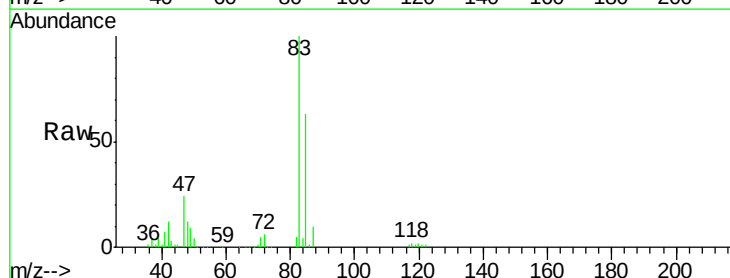
Acq: 12 May 2018 14:56

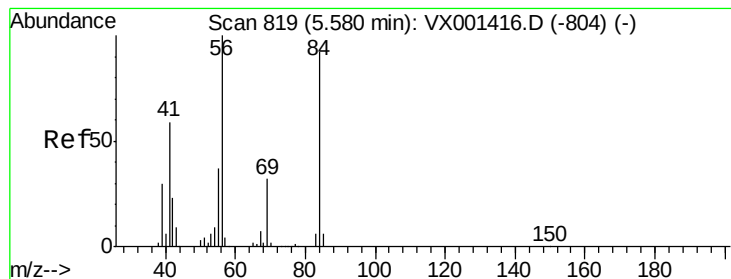
Tgt Ion: 83 Resp: 111332

Ion Ratio Lower Upper

83 100

85 63.2 51.0 76.4





#31

Cyclohexane

Concen: 18.98 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

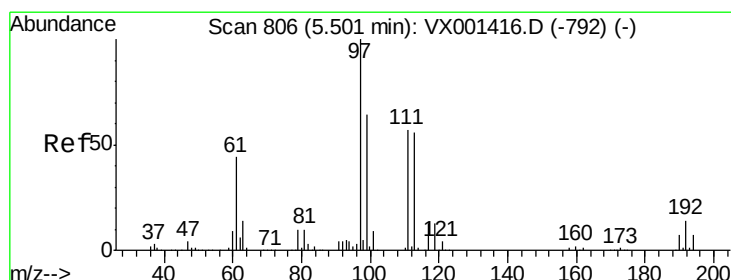
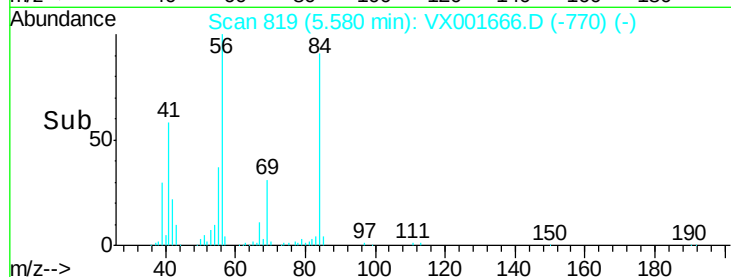
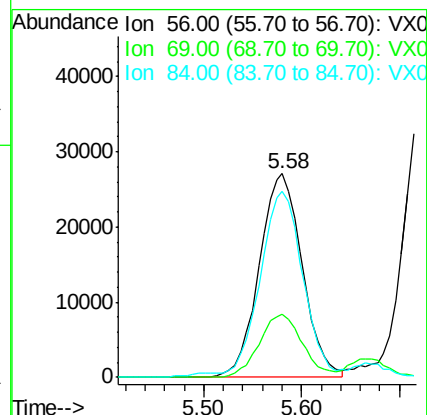
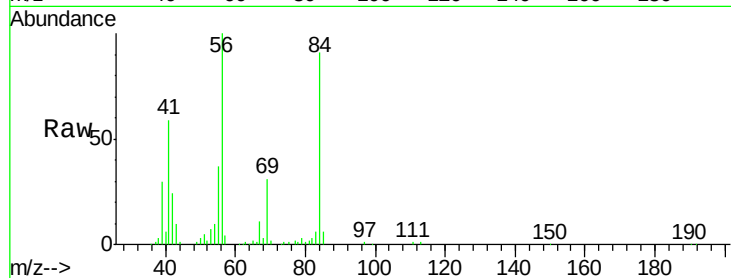
Tgt Ion: 56 Resp: 82664

Ion Ratio Lower Upper

56 100

69 31.1 25.4 38.0

84 89.5 73.8 110.8



#32

1,1,1-Trichloroethane

Concen: 20.98 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

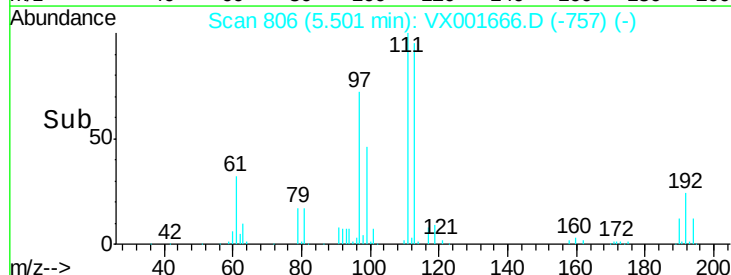
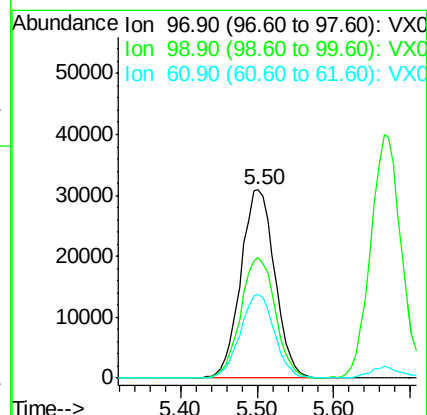
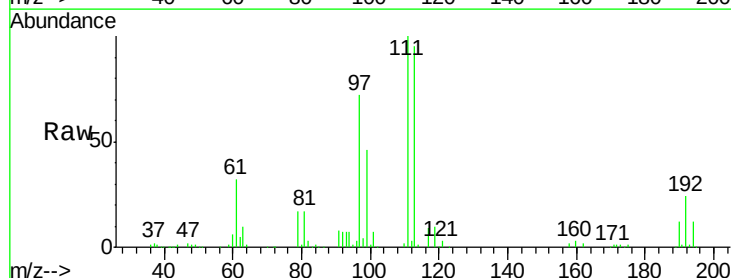
Tgt Ion: 97 Resp: 95758

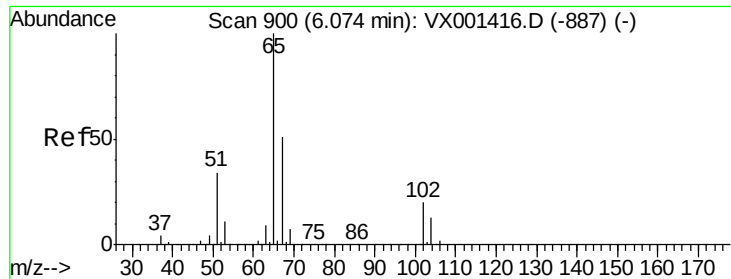
Ion Ratio Lower Upper

97 100

99 64.7 51.3 76.9

61 44.5 34.8 52.2

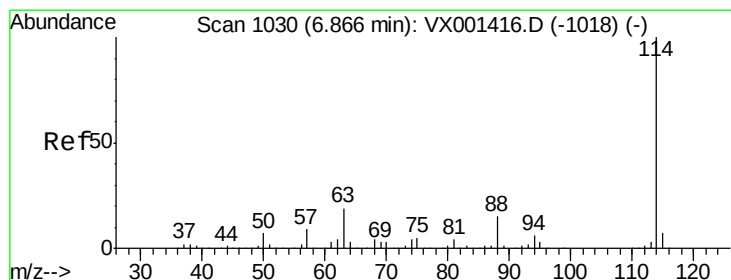
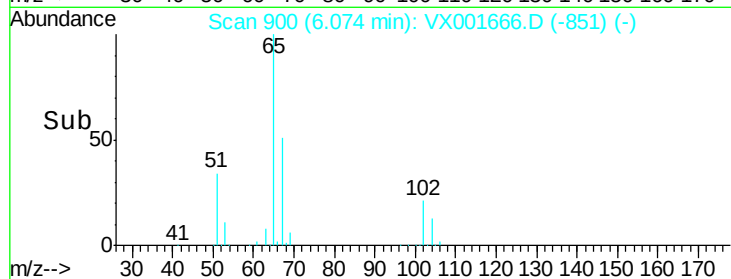
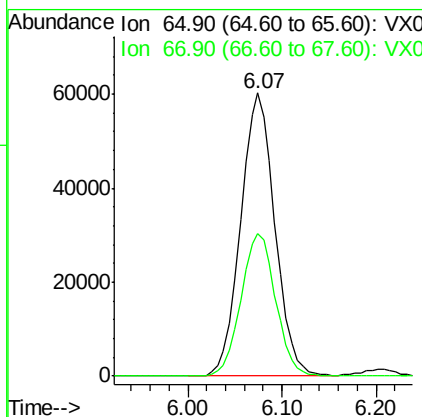
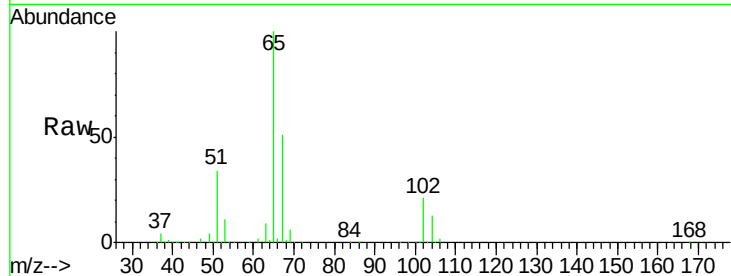




#33
 1,2-Dichloroethane-d4
 Concen: 45.16 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

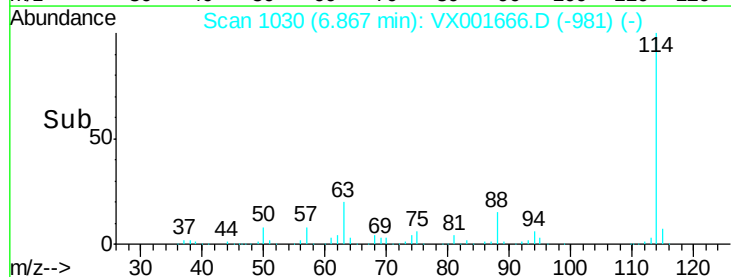
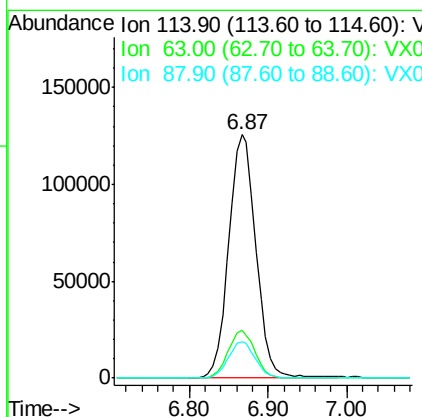
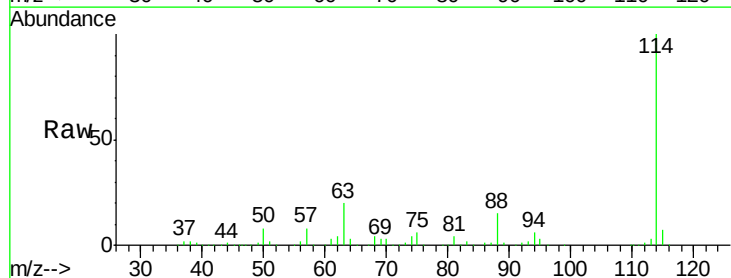
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD01

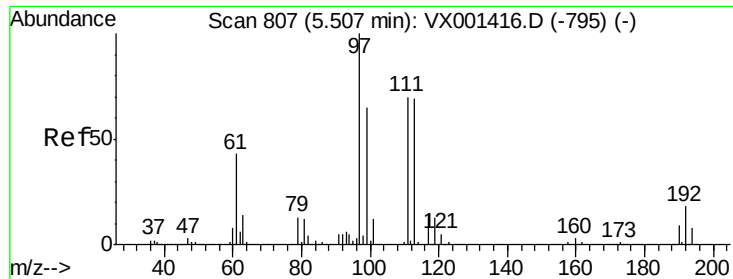
Tgt Ion: 65 Resp: 152816
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

Tgt Ion: 114 Resp: 301741
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.6
 88 15.0 0.0 30.8

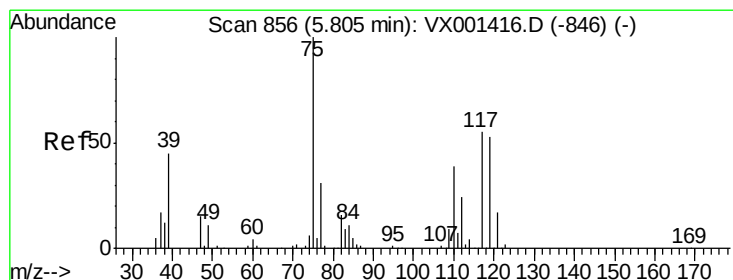
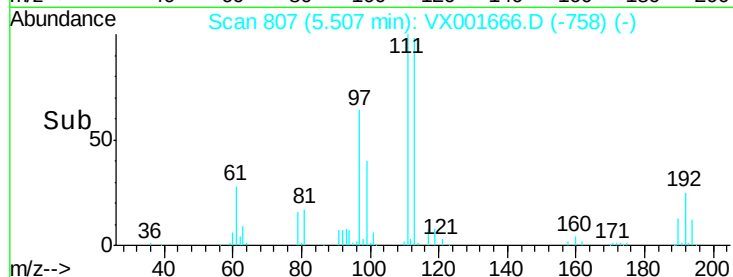
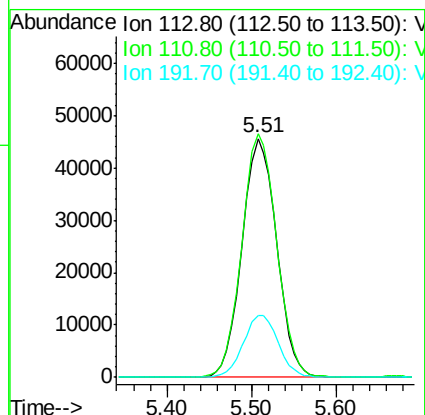
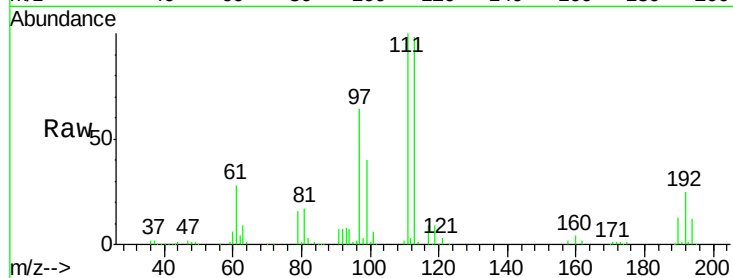




#35
 Dibromofluoromethane
 Concen: 47.31 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

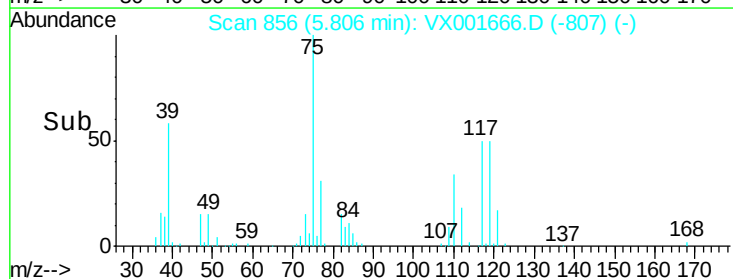
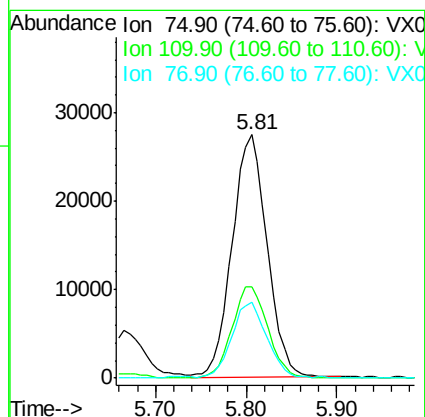
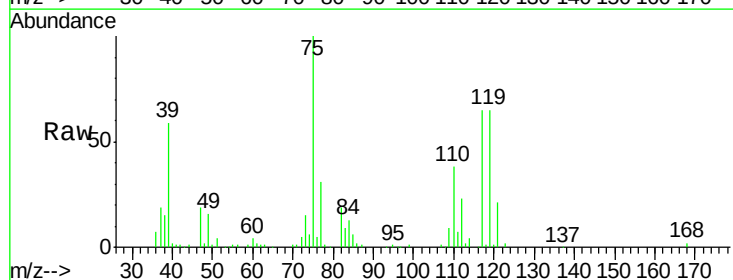
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD01

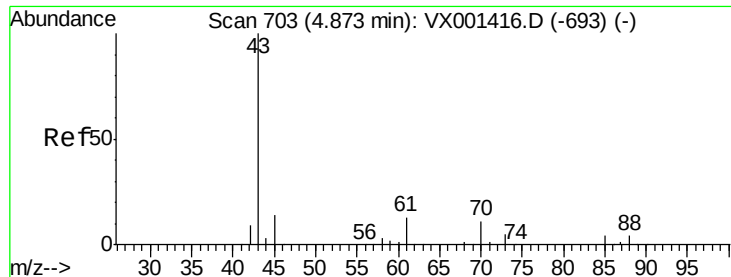
Tgt Ion:113 Resp: 126987
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.2
 192 26.3 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 19.10 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

Tgt Ion: 75 Resp: 73329
 Ion Ratio Lower Upper
 75 100
 110 38.6 18.9 56.7
 77 31.7 24.9 37.3

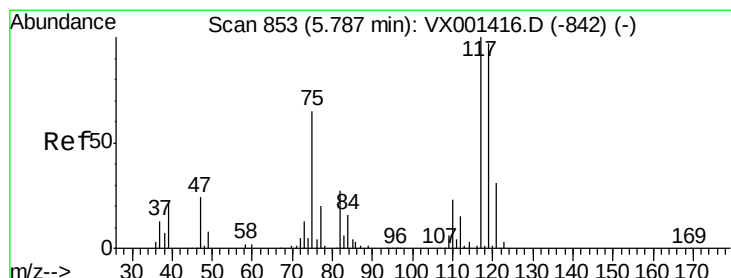
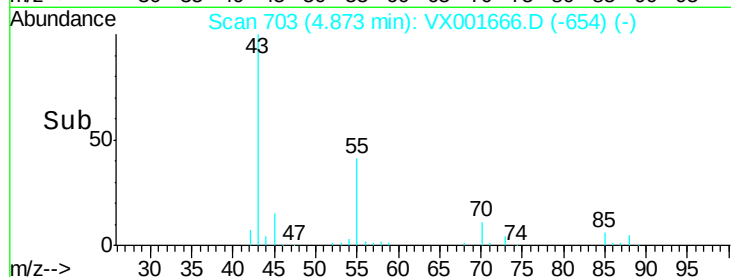
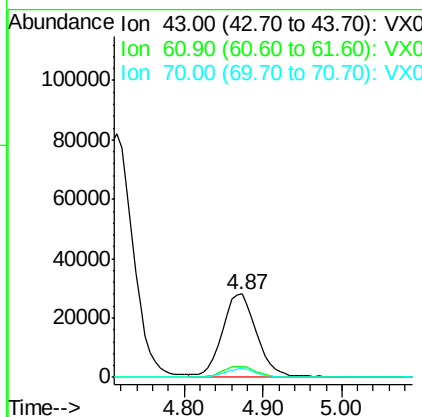
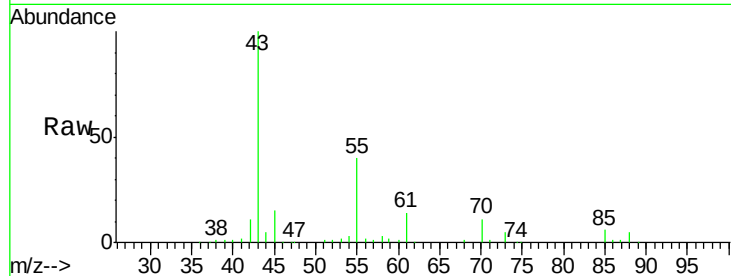




#37
Ethyl Acetate
Concen: 19.99 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

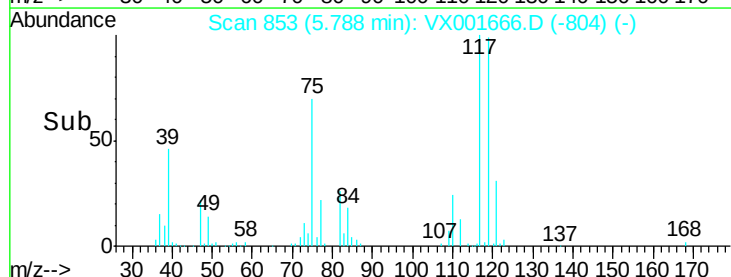
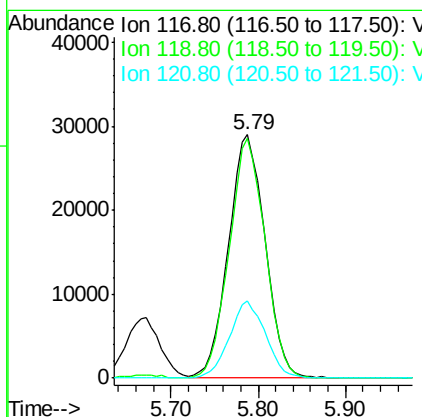
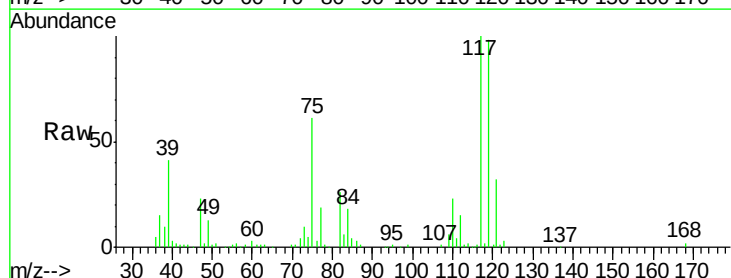
Instrument :
MSVOA_X
ClientSampled :
VX0512WBSD01

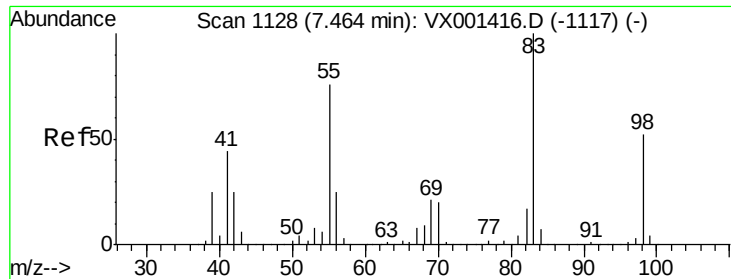
Tgt Ion: 43 Resp: 84093
Ion Ratio Lower Upper
43 100
61 13.8 10.7 16.1
70 10.3 8.4 12.6



#38
Carbon Tetrachloride
Concen: 20.68 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Tgt Ion: 117 Resp: 84649
Ion Ratio Lower Upper
117 100
119 98.1 77.0 115.6
121 31.6 25.1 37.7

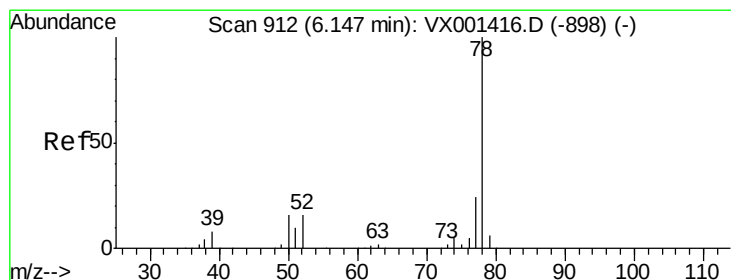
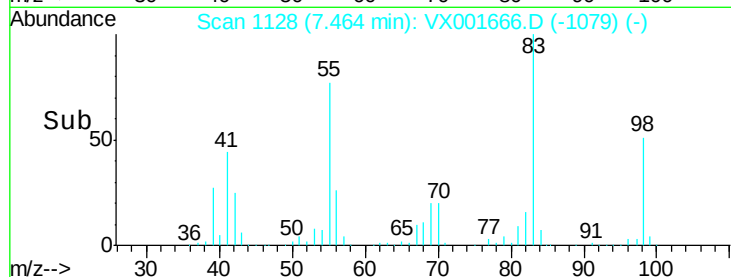
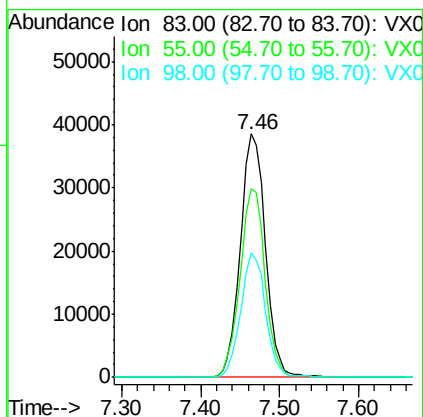
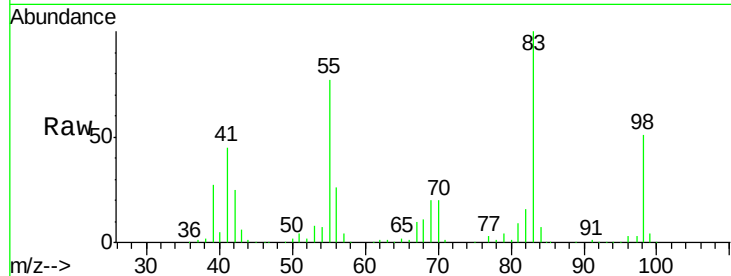




#39
Methylcyclohexane
Concen: 18.88 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

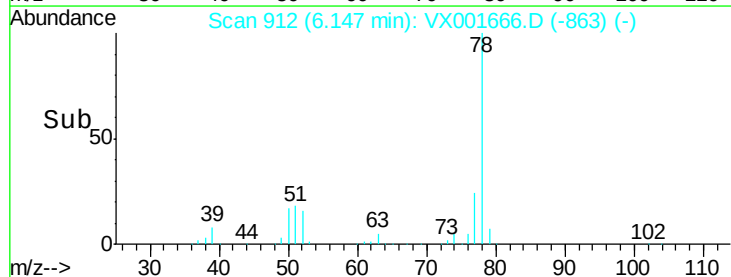
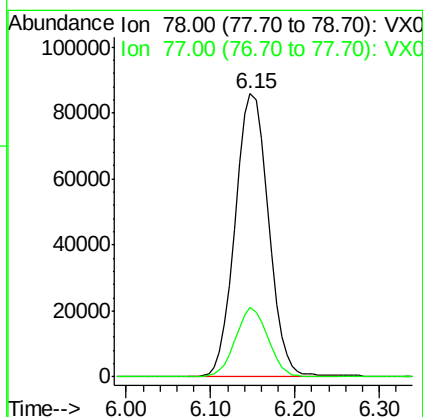
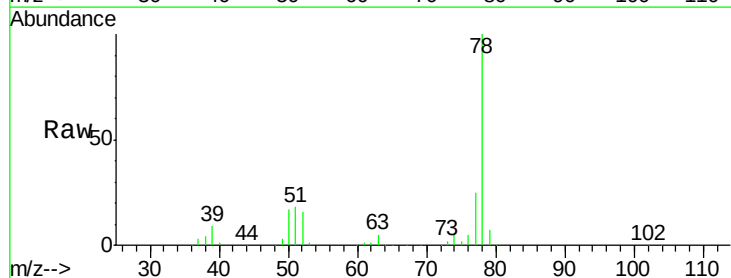
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

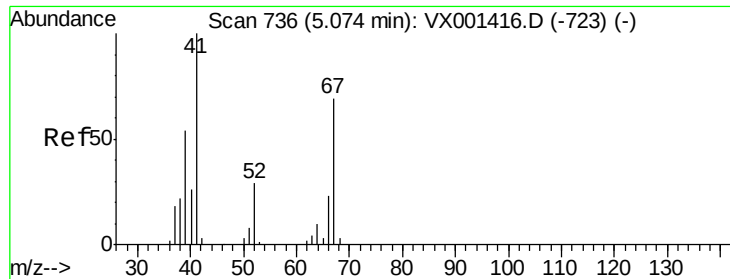
Tgt Ion: 83 Resp: 85693
Ion Ratio Lower Upper
83 100
55 77.3 60.9 91.3
98 51.1 41.9 62.9



#40
Benzene
Concen: 20.58 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Tgt Ion: 78 Resp: 230730
Ion Ratio Lower Upper
78 100
77 24.5 19.4 29.2

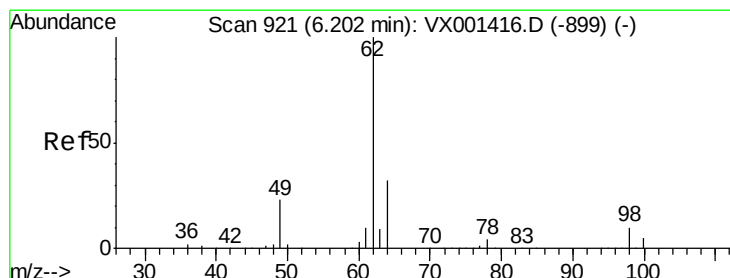
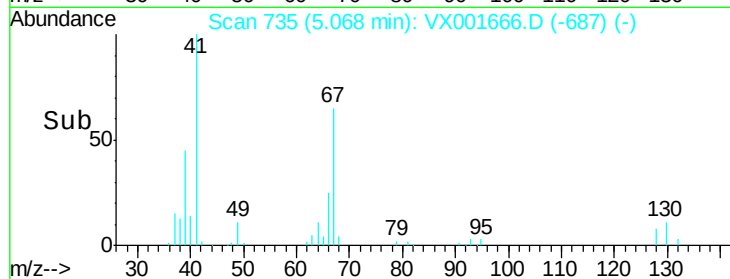
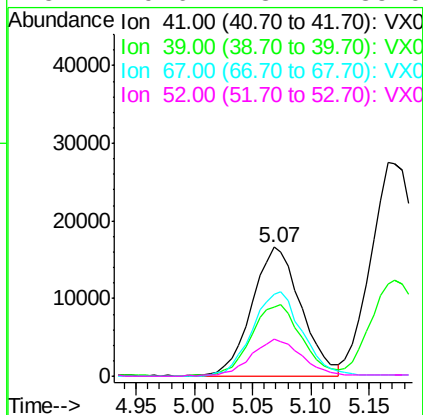
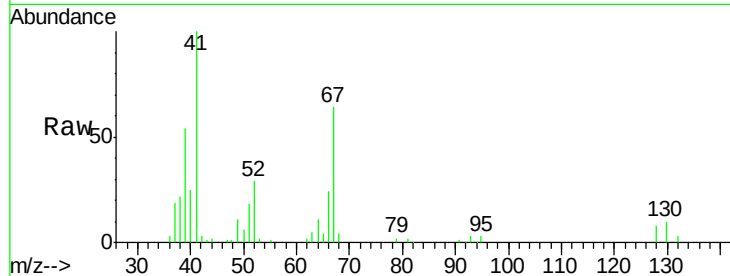




#41
Methacrylonitrile
Concen: 20.37 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

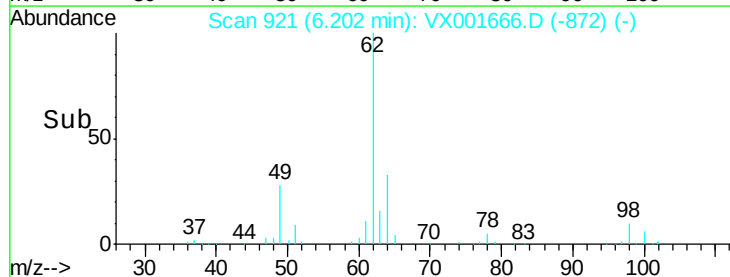
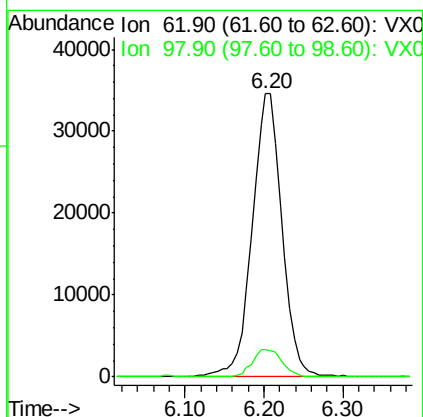
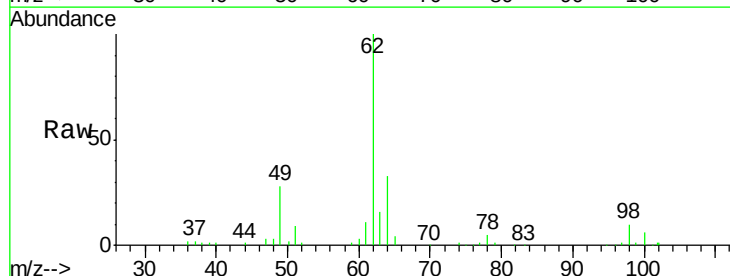
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

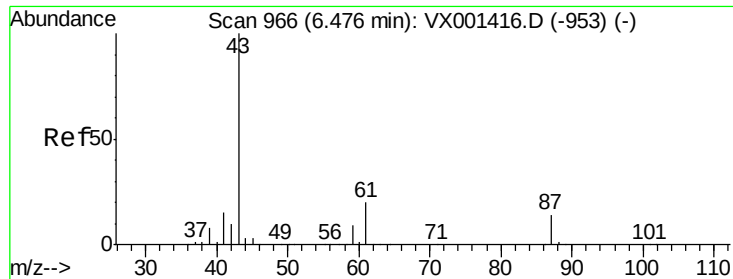
Tgt Ion:	41	Resp:	49025
Ion	Ratio	Lower	Upper
41	100		
39	57.3	45.0	67.6
67	67.3	55.0	82.6
52	29.6	23.4	35.0



#42
1,2-Dichloroethane
Concen: 21.08 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Tgt Ion:	62	Resp:	90823
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.0





#43

Isopropyl Acetate

Concen: 20.28 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampled :

VX0512WBSD01

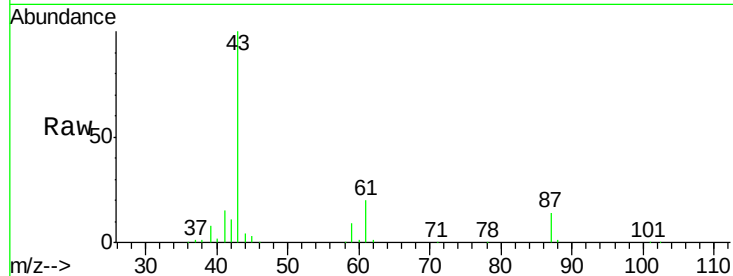
Tgt Ion: 43 Resp: 130985

Ion Ratio Lower Upper

43 100

61 19.2 15.4 23.0

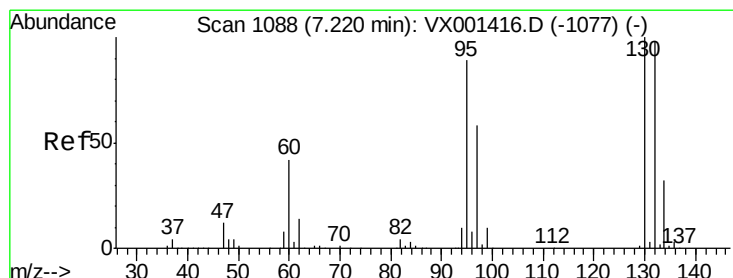
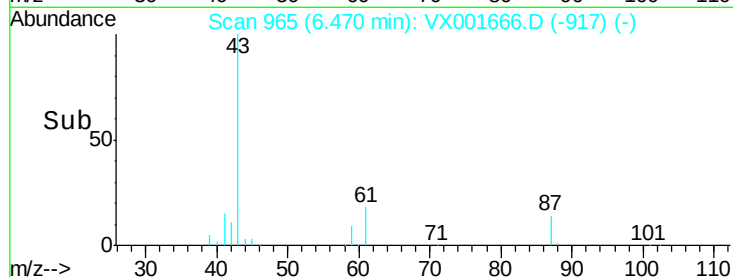
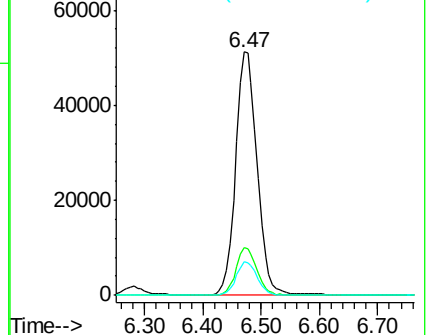
87 13.5 10.8 16.2



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: 20.39 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001666.D

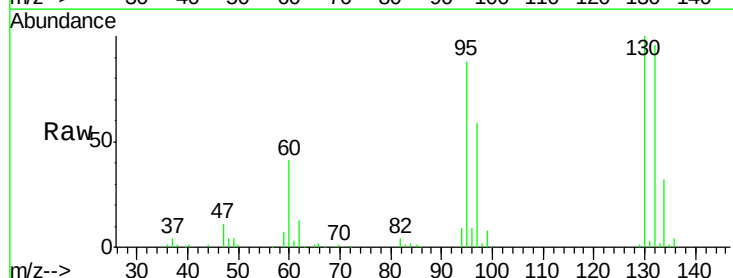
Acq: 12 May 2018 14:56

Tgt Ion: 130 Resp: 69863

Ion Ratio Lower Upper

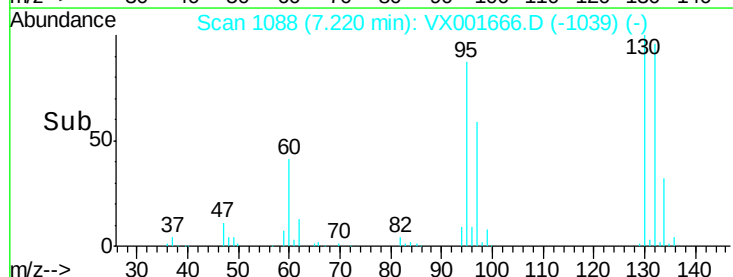
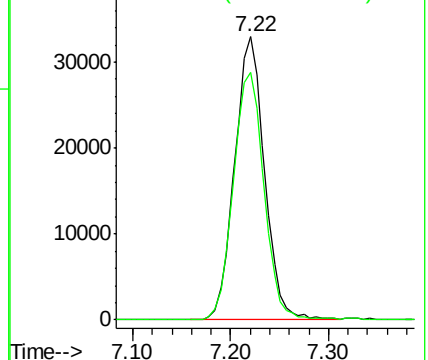
130 100

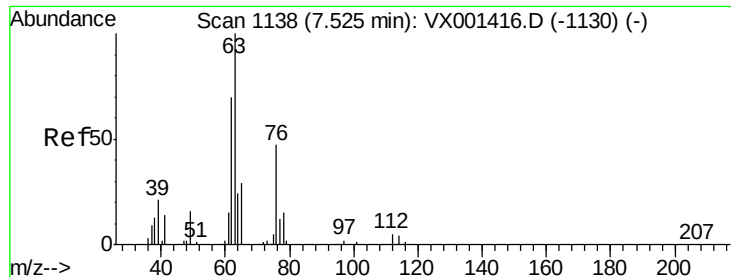
95 87.6 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 21.05 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

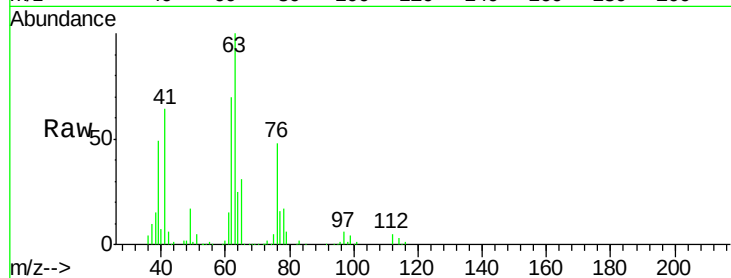
VX0512WBSD01

Tgt Ion: 63 Resp: 58845

Ion Ratio Lower Upper

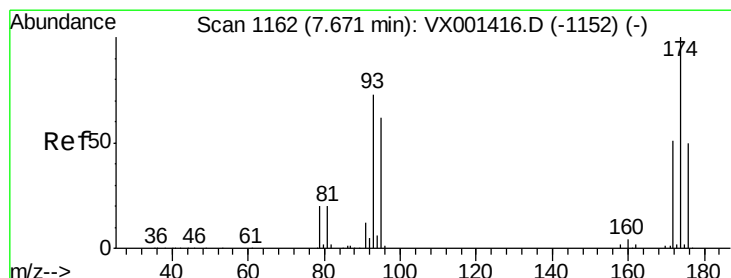
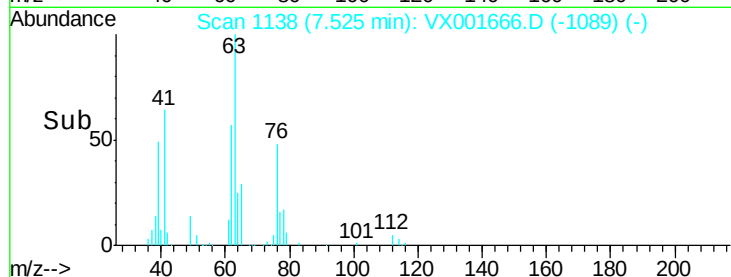
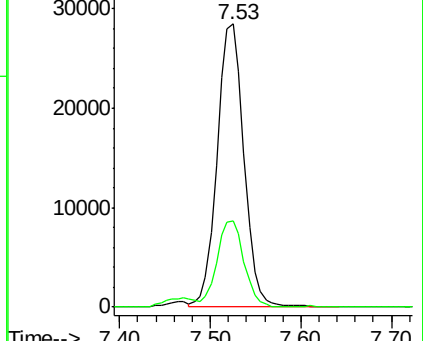
63 100

65 30.6 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: 20.49 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

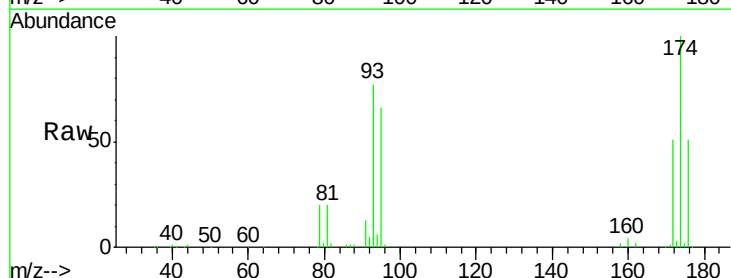
Tgt Ion: 93 Resp: 40539

Ion Ratio Lower Upper

93 100

95 84.1 67.0 100.4

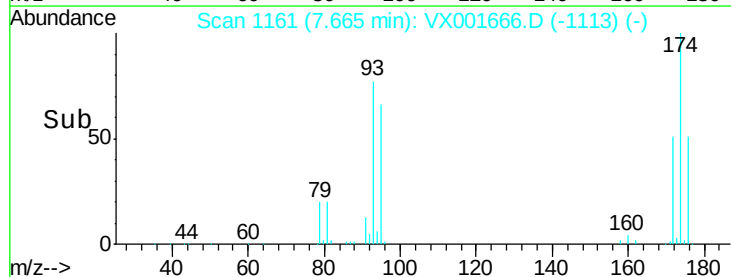
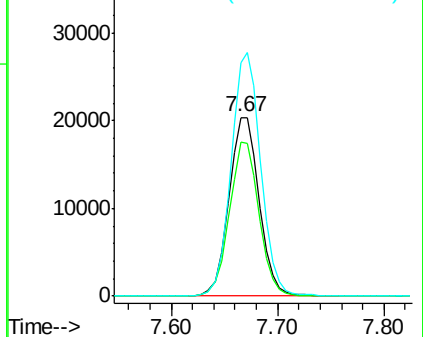
174 133.4 104.5 156.7

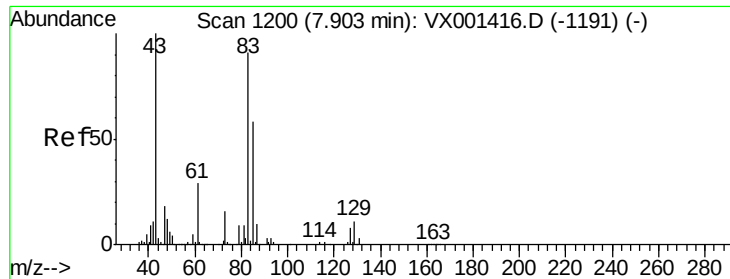


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.15 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

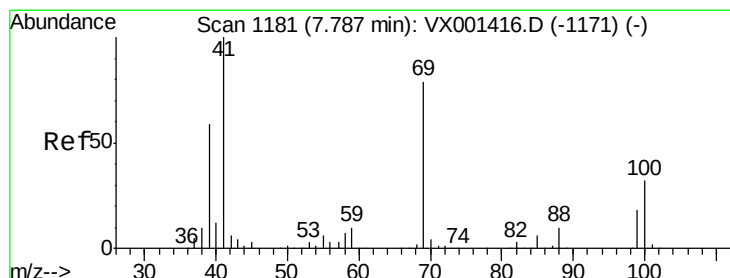
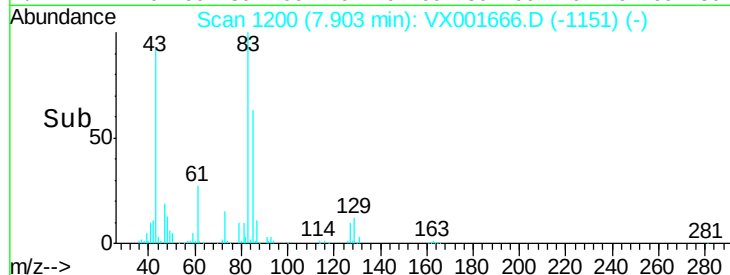
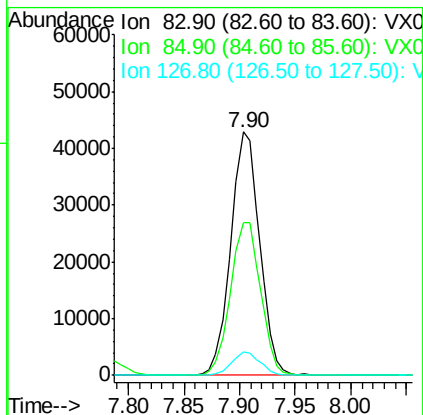
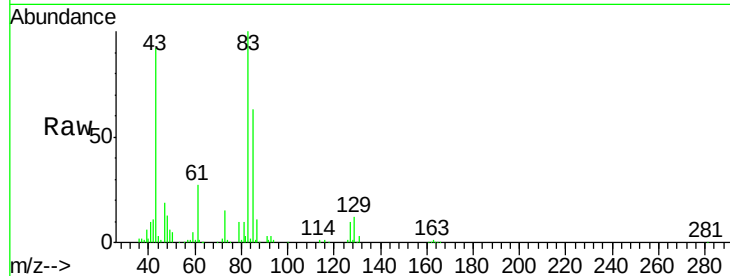
Tgt Ion: 83 Resp: 77444

Ion Ratio Lower Upper

83 100

85 62.6 51.0 76.6

127 9.6 7.4 11.2



#48

Methyl methacrylate

Concen: 19.72 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

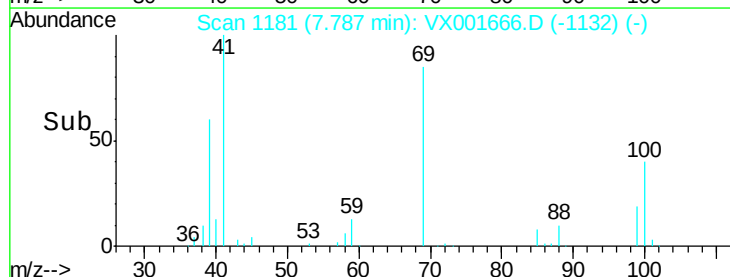
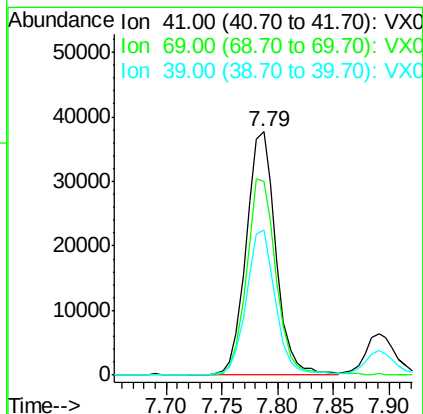
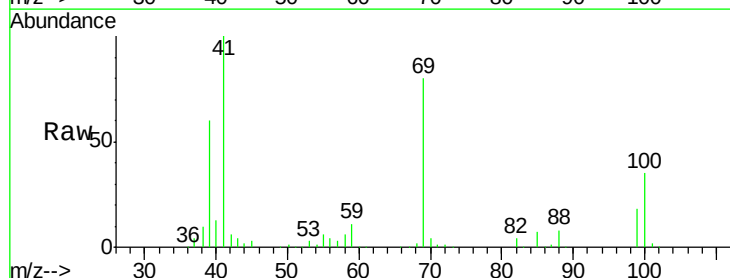
Tgt Ion: 41 Resp: 69346

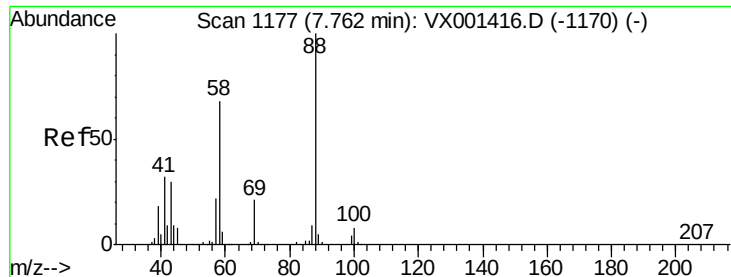
Ion Ratio Lower Upper

41 100

69 80.9 63.4 95.2

39 58.2 47.0 70.4

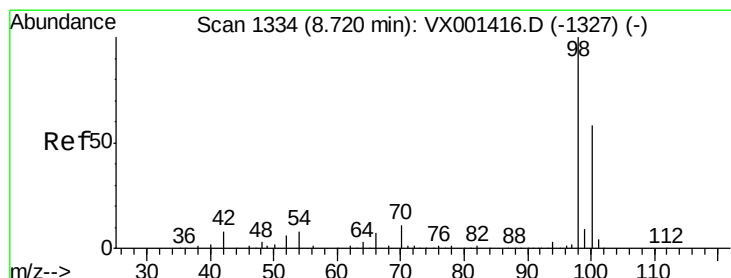
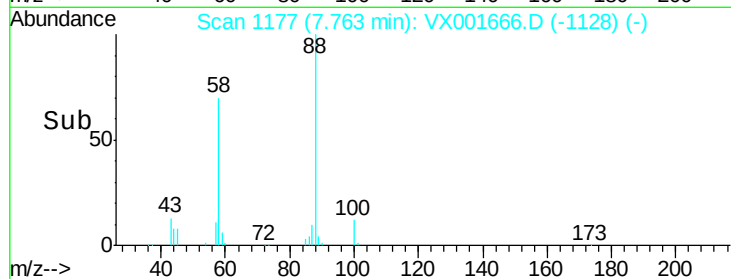
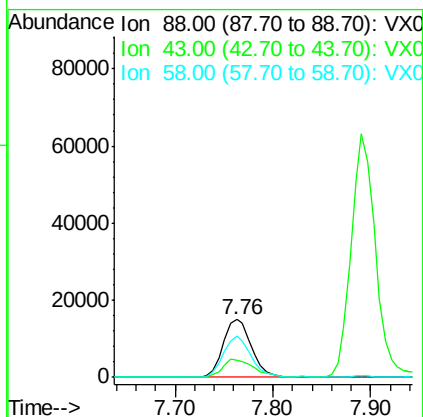
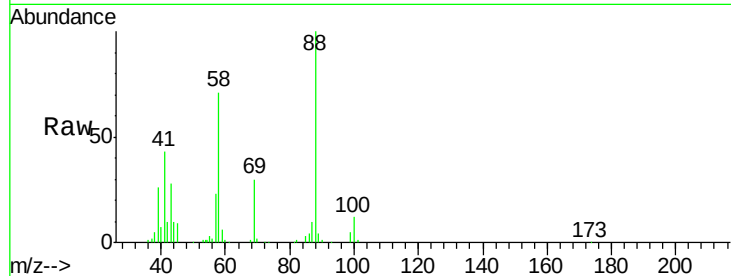




#49
1,4-Dioxane
Concen: 398.19 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

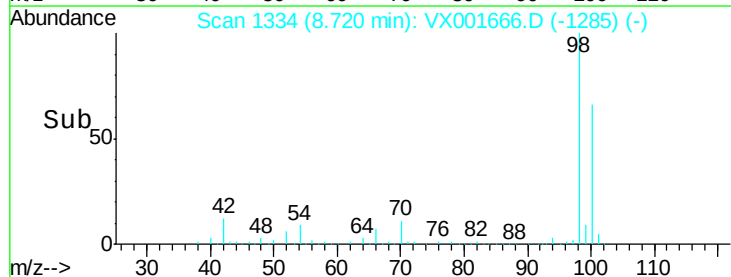
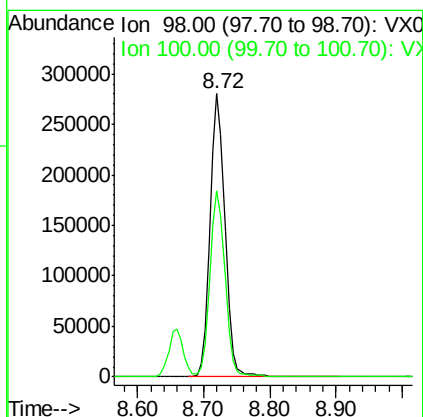
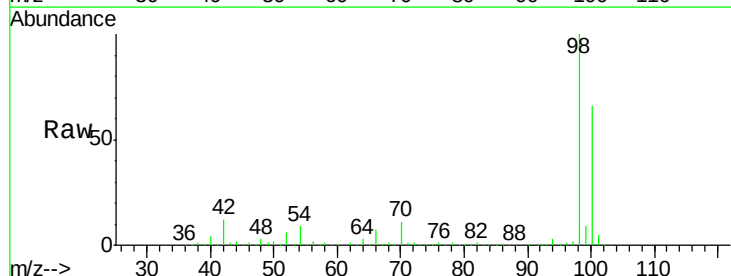
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

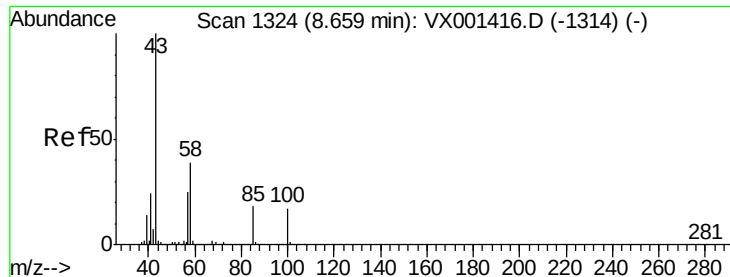
Tgt Ion: 88 Resp: 30256
Ion Ratio Lower Upper
88 100
43 36.0 26.4 39.6
58 68.4 54.1 81.1



#50
Toluene-d8
Concen: 44.74 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Tgt Ion: 98 Resp: 438353
Ion Ratio Lower Upper
98 100
100 66.8 54.0 81.0

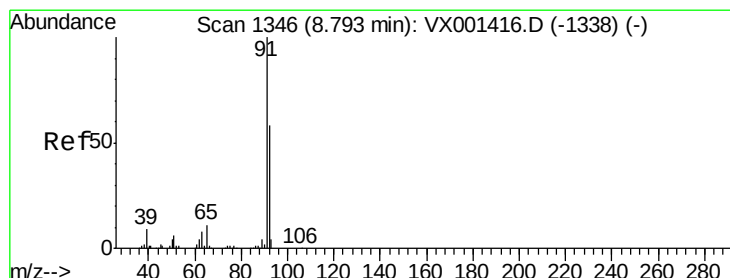
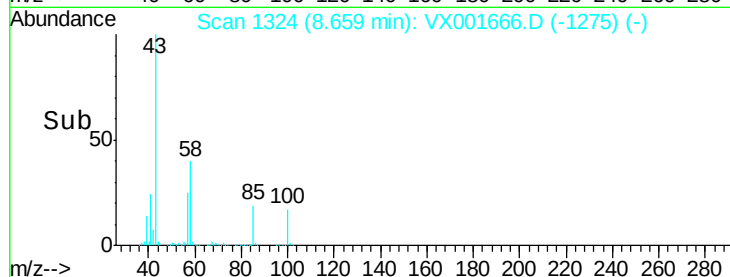
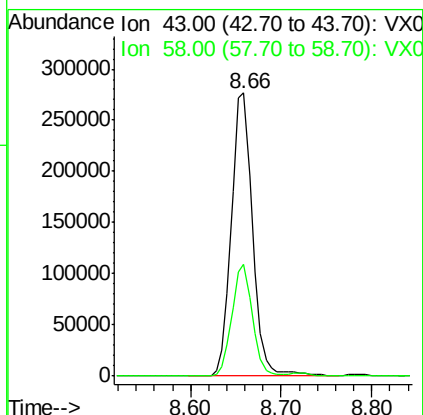
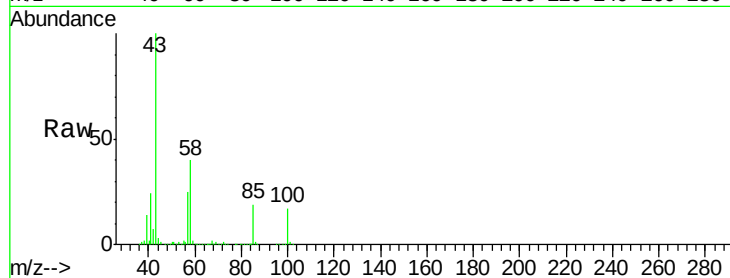




#51
 4-Methyl-2-Pentanone
 Concen: 104.97 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

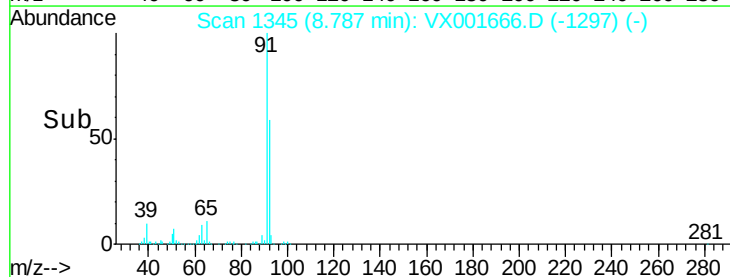
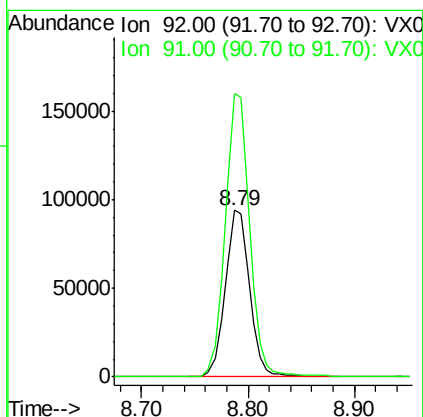
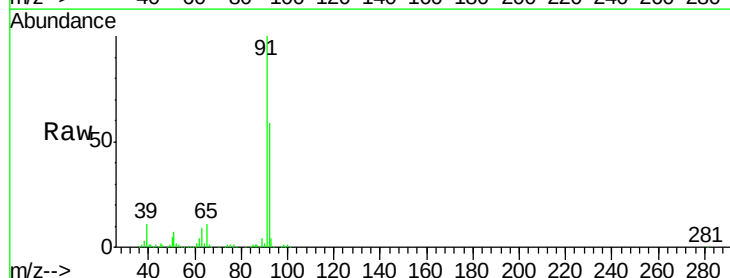
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD01

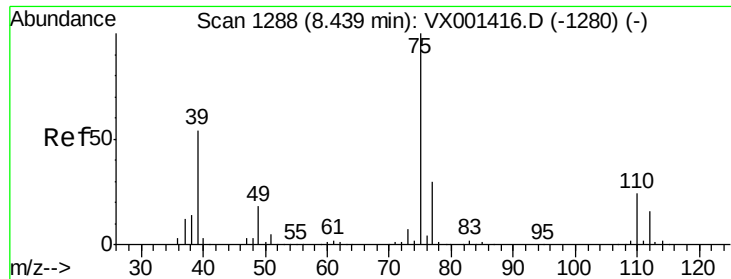
Tgt Ion: 43 Resp: 450529
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.8 46.2



#52
 Toluene
 Concen: 20.62 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

Tgt Ion: 92 Resp: 151155
 Ion Ratio Lower Upper
 92 100
 91 170.4 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 21.15 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

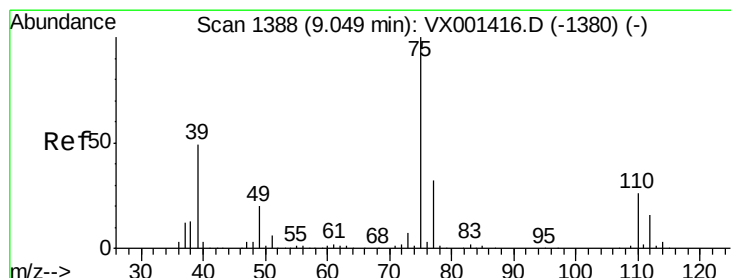
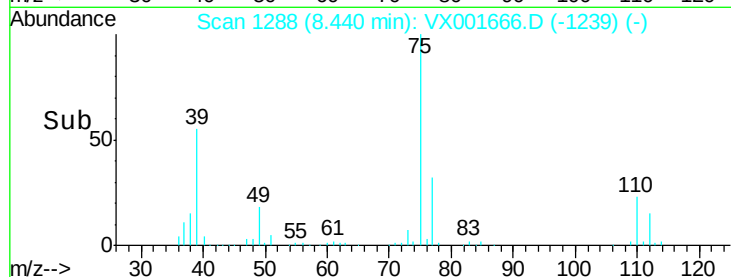
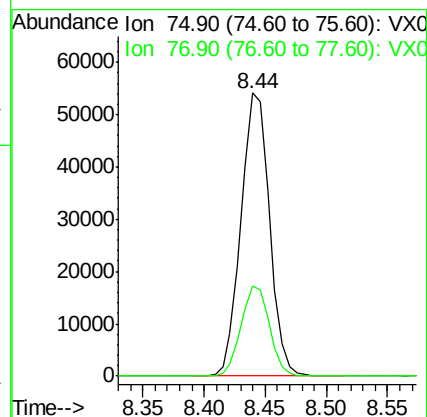
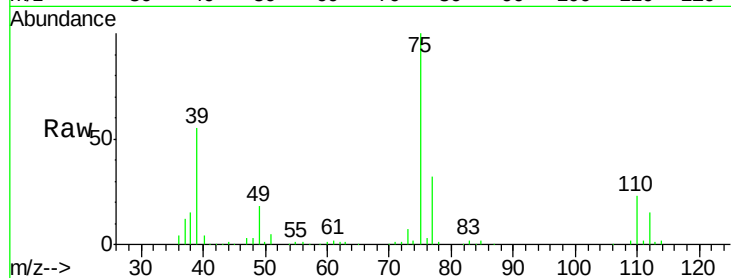
VX0512WBSD01

Tgt Ion: 75 Resp: 87534

Ion Ratio Lower Upper

75 100

77 31.8 24.2 36.4



#54

cis-1,3-Dichloropropene

Concen: 19.78 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

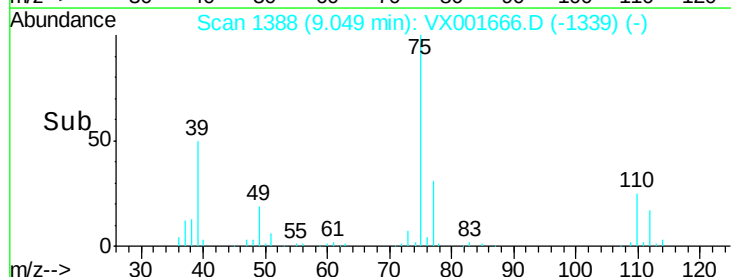
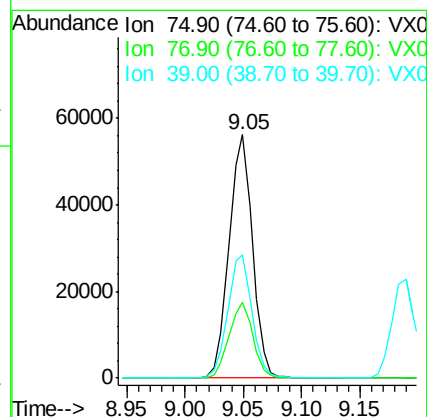
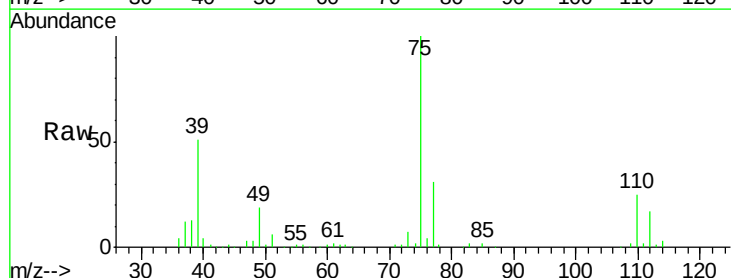
Tgt Ion: 75 Resp: 78484

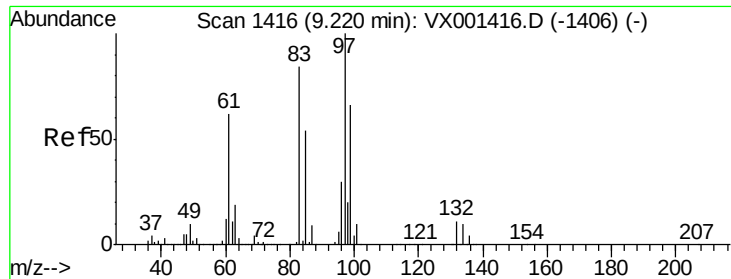
Ion Ratio Lower Upper

75 100

77 31.2 25.5 38.3

39 50.6 38.9 58.3

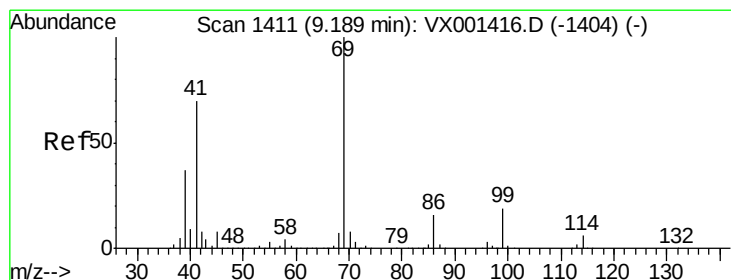
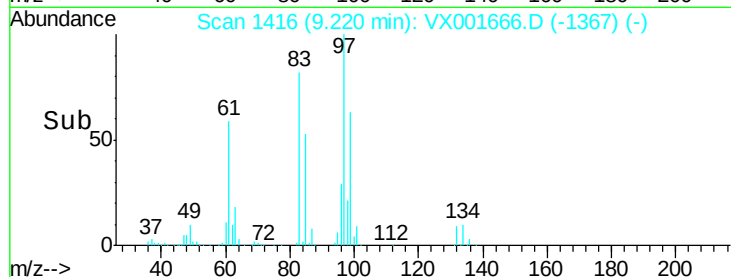
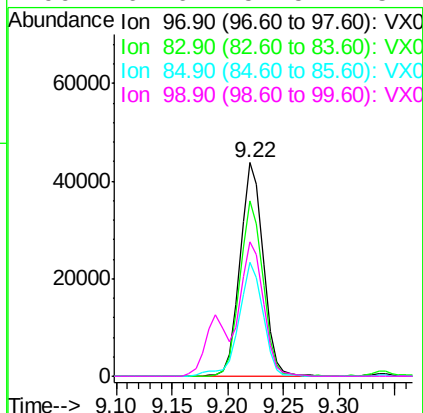
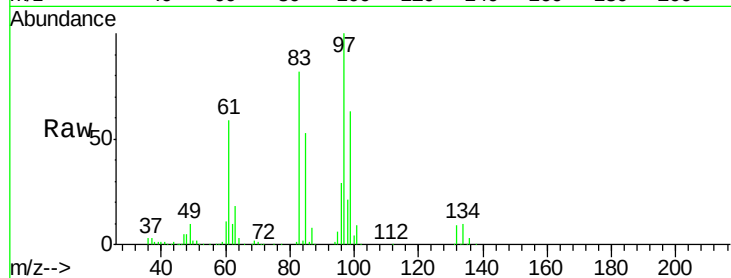




#55
 1,1,2-Trichloroethane
 Concen: 21.49 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

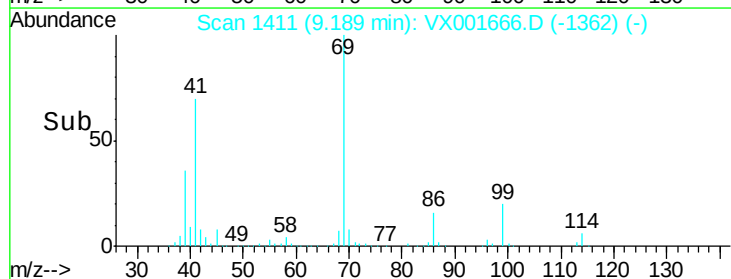
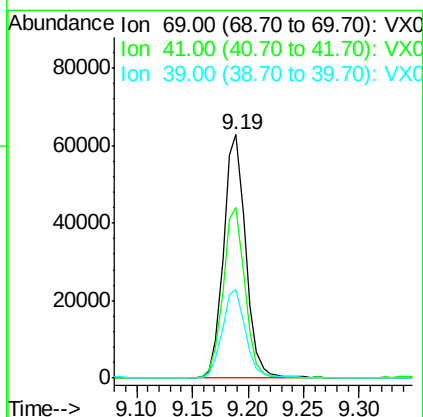
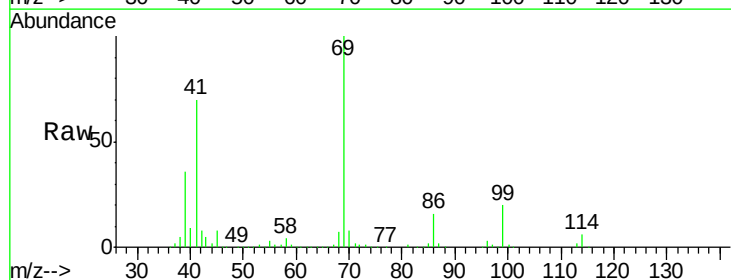
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD01

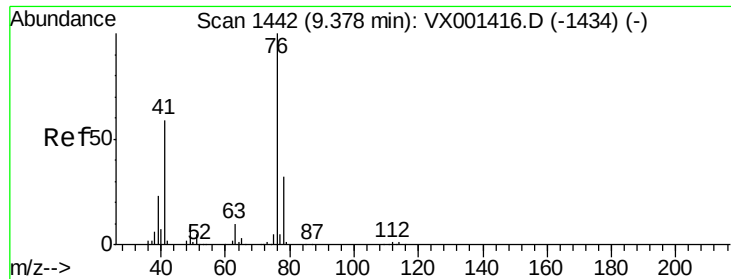
Tgt Ion:	97	Resp:	63454
Ion	Ratio	Lower	Upper
97	100		
83	82.1	67.4	101.0
85	53.3	43.3	64.9
99	62.6	52.5	78.7



#56
 Ethyl methacrylate
 Concen: 20.34 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

Tgt Ion:	69	Resp:	86571
Ion	Ratio	Lower	Upper
69	100		
41	68.7	55.1	82.7
39	37.9	29.9	44.9

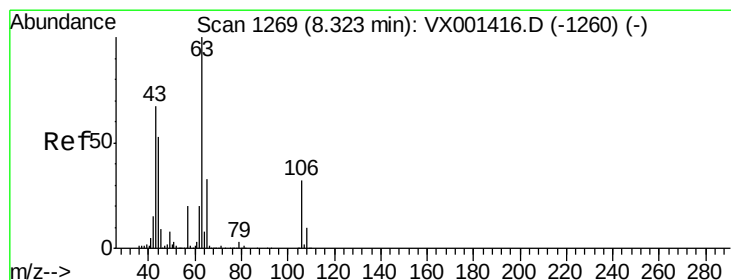
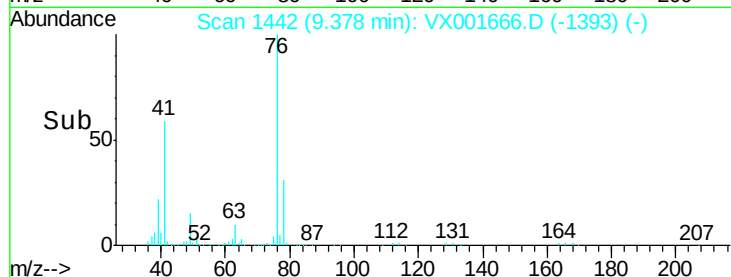
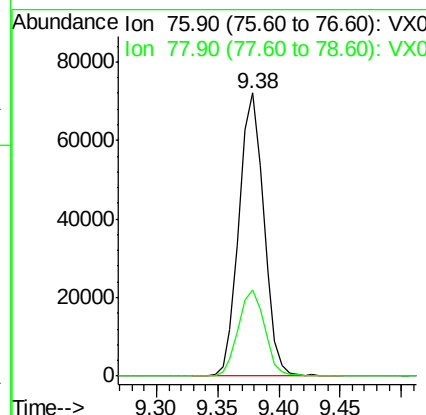
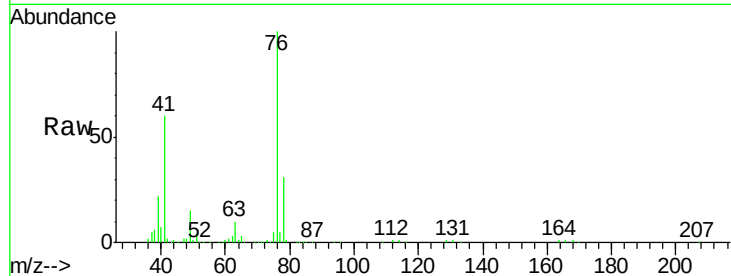




#57
 1,3-Dichloropropane
 Concen: 20.81 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

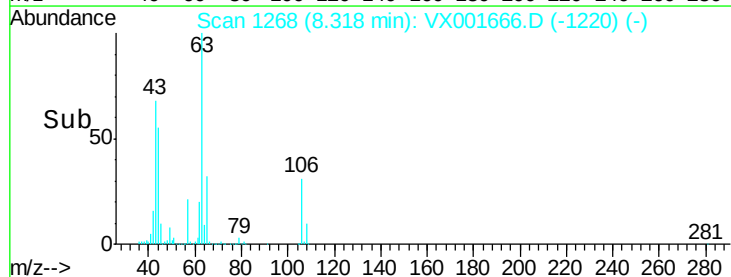
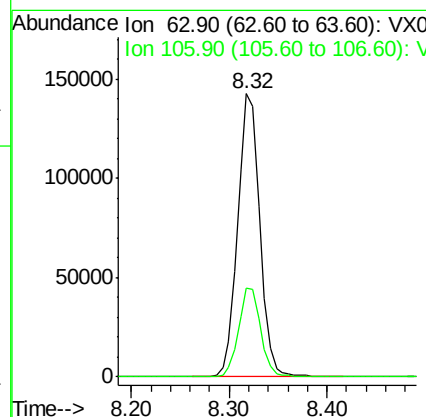
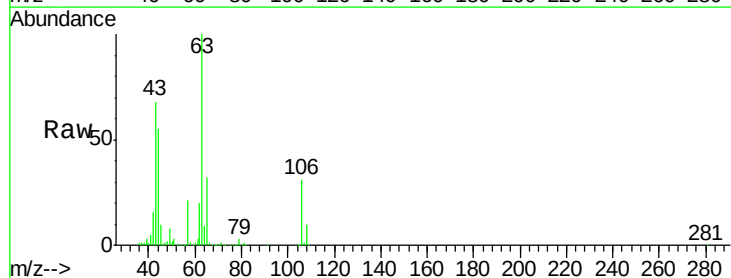
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD01

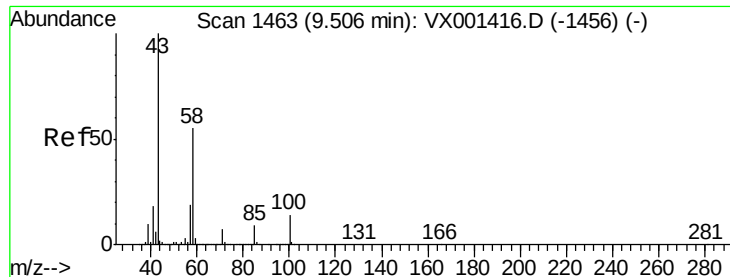
Tgt Ion: 76 Resp: 101597
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.33 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

Tgt Ion: 63 Resp: 224108
 Ion Ratio Lower Upper
 63 100
 106 31.4 25.4 38.0

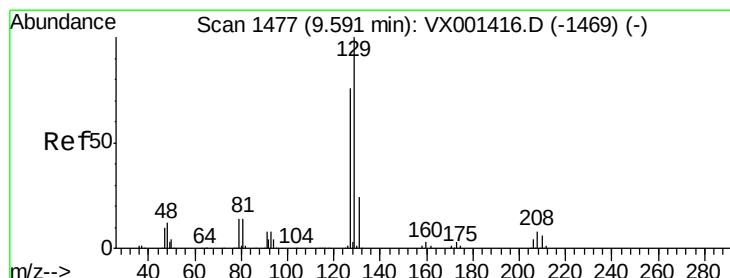
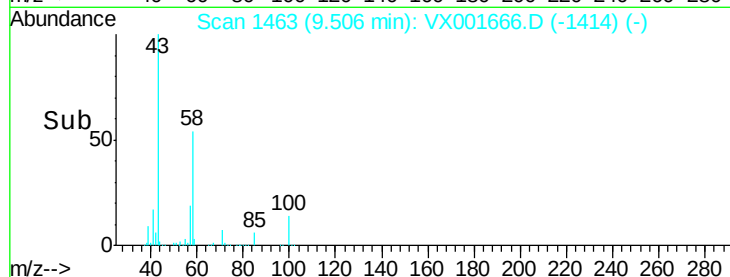
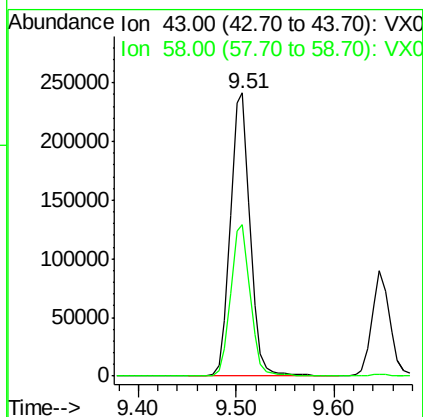
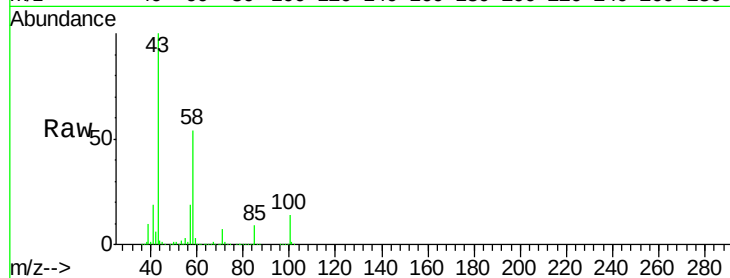




#59
2-Hexanone
Concen: 102.47 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

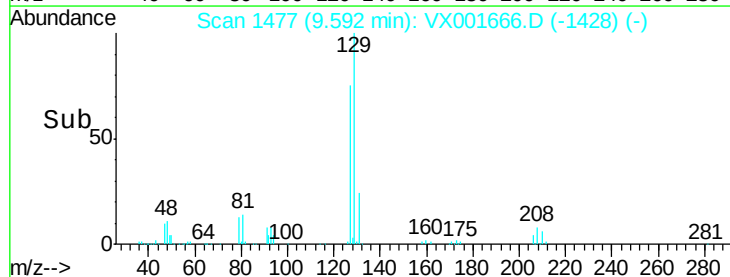
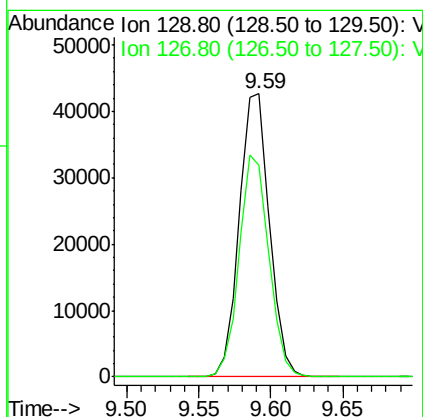
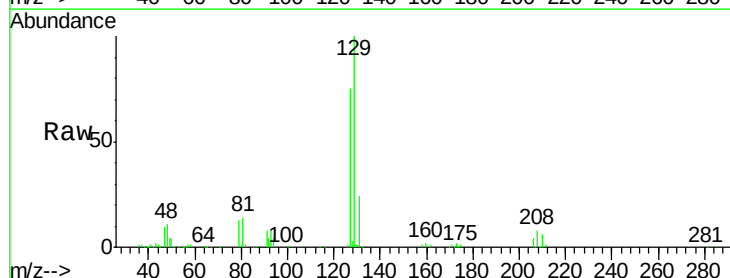
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

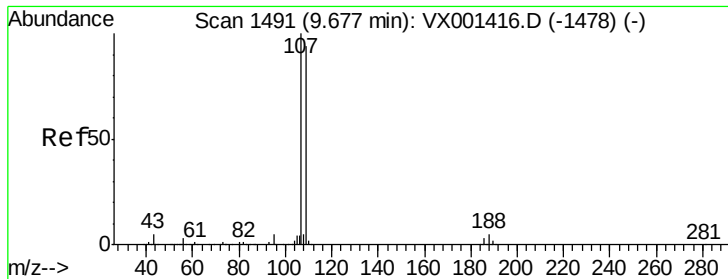
Tgt Ion: 43 Resp: 336778
Ion Ratio Lower Upper
43 100
58 53.3 27.1 81.2



#60
Dibromochloromethane
Concen: 20.54 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Tgt Ion: 129 Resp: 62110
Ion Ratio Lower Upper
129 100
127 76.9 38.1 114.5





#61

1,2-Dibromoethane

Concen: 20.40 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

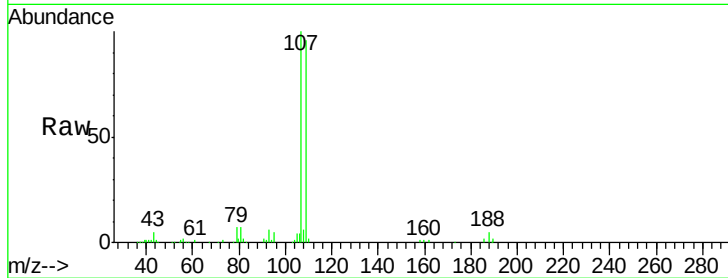
VX0512WBSD01

Tgt Ion: 107 Resp: 63243

Ion Ratio Lower Upper

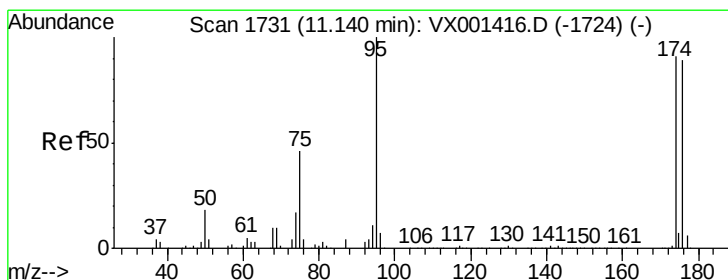
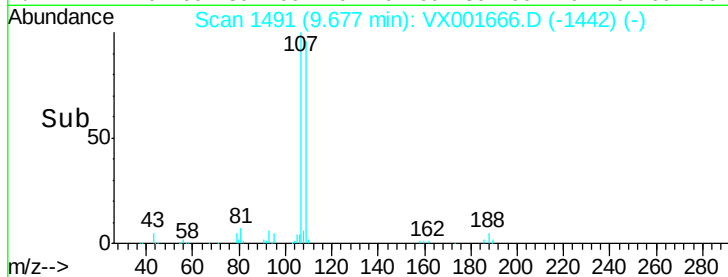
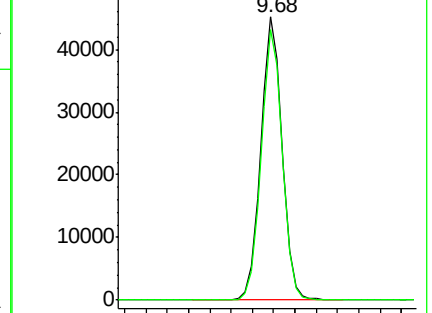
107 100

109 95.1 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.38 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

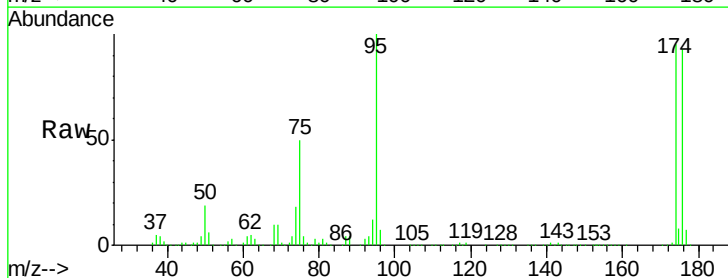
Tgt Ion: 95 Resp: 163140

Ion Ratio Lower Upper

95 100

174 101.9 0.0 202.0

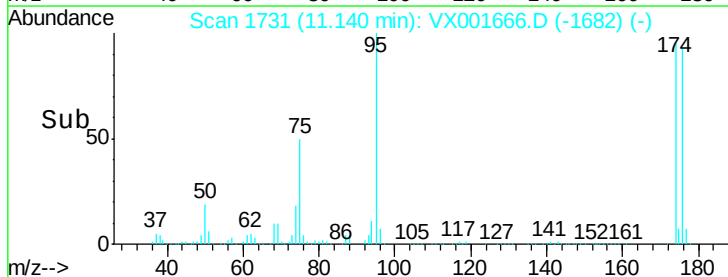
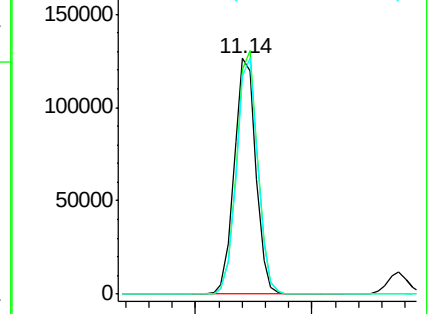
176 99.2 0.0 197.4

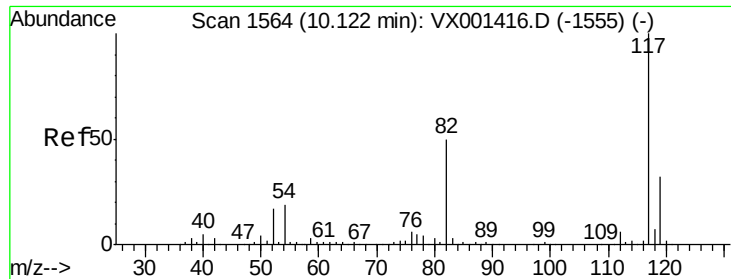


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

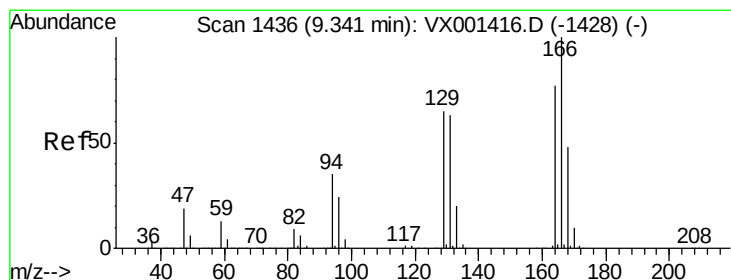
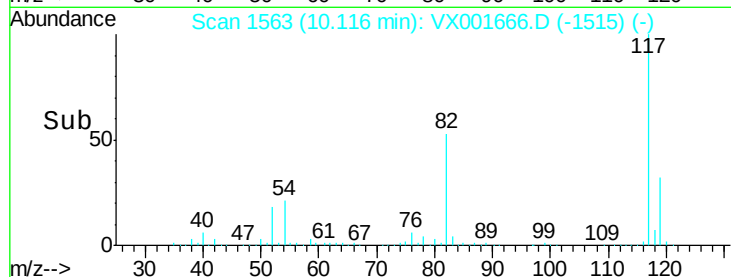
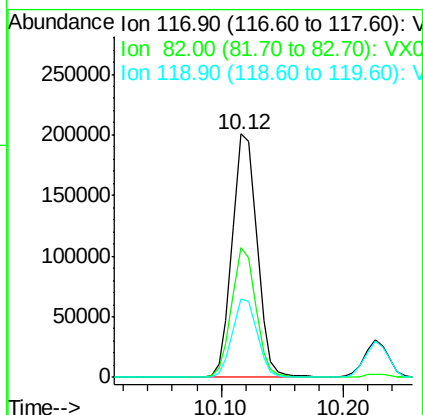
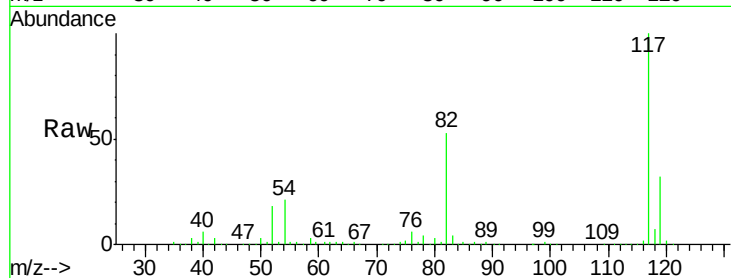




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

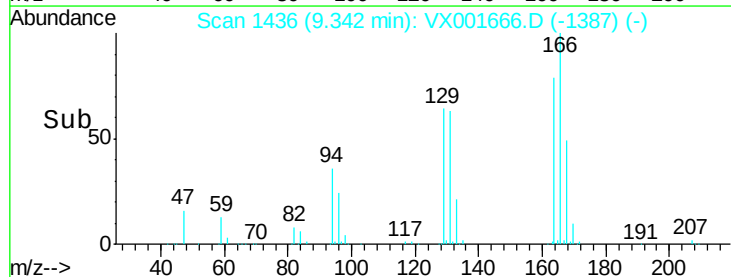
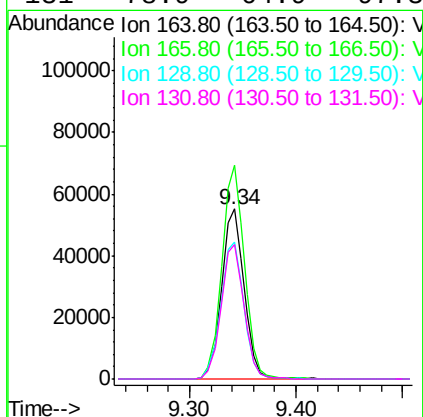
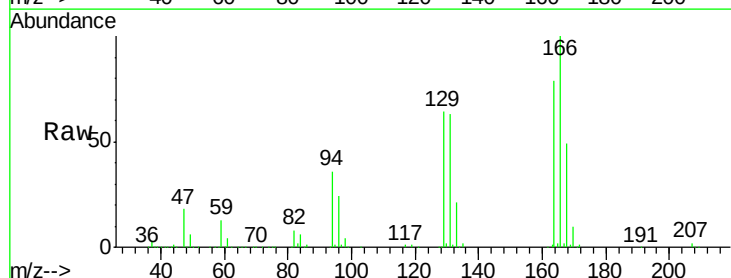
Instrument :
MSVOA_X
ClientSampled :
VX0512WBSD01

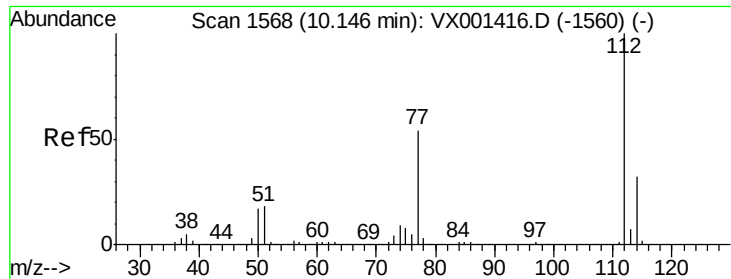
Tgt Ion:117 Resp: 282002
Ion Ratio Lower Upper
117 100
82 53.3 40.0 60.0
119 32.1 25.8 38.8



#64
Tetrachloroethene
Concen: 20.76 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Tgt Ion:164 Resp: 81598
Ion Ratio Lower Upper
164 100
166 125.9 103.5 155.3
129 80.9 66.7 100.1
131 78.9 64.9 97.3

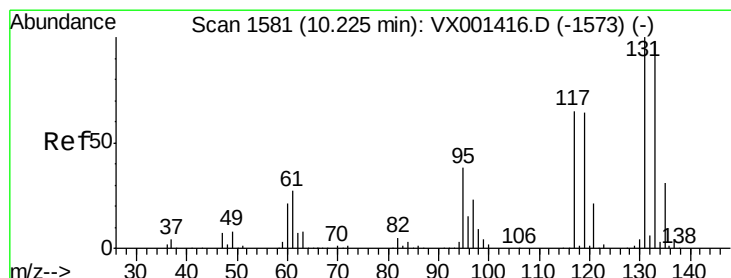
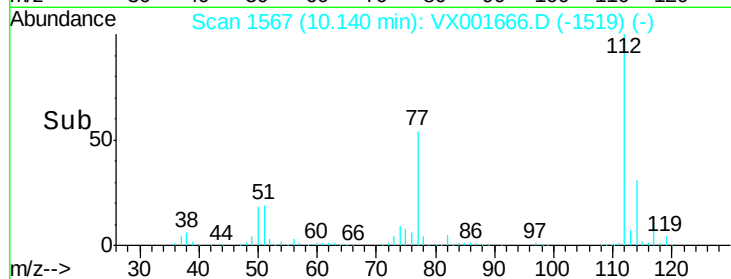
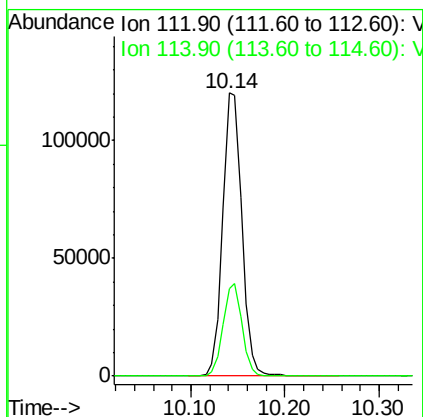
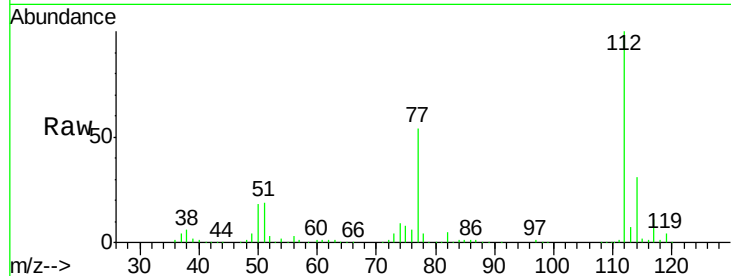




#65
Chlorobenzene
Concen: 20.60 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

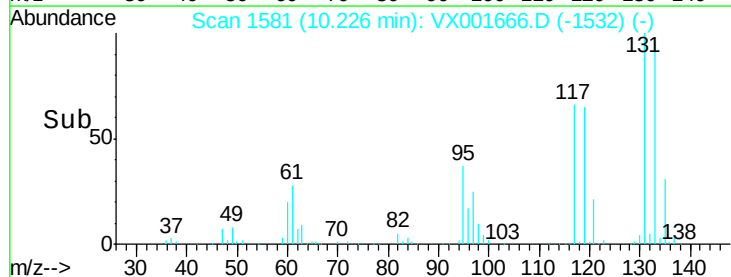
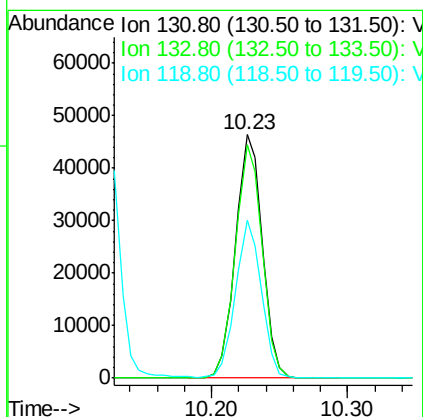
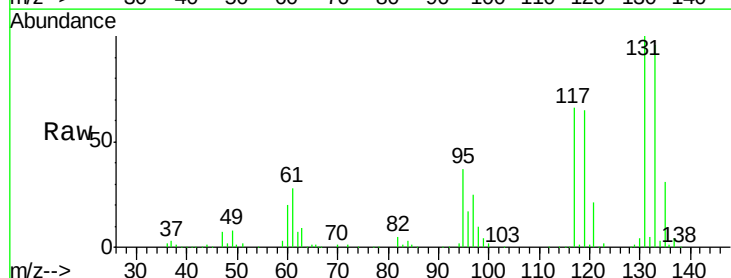
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

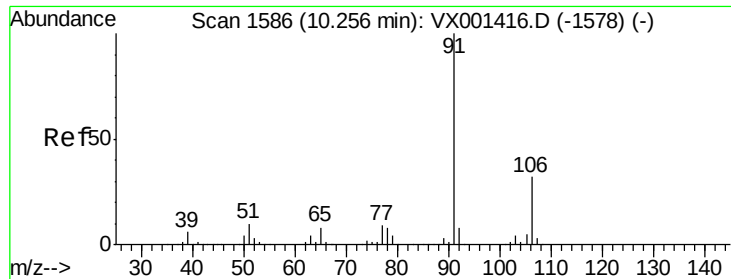
Tgt Ion:112 Resp: 170332
Ion Ratio Lower Upper
112 100
114 30.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.39 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Tgt Ion:131 Resp: 63273
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.8
119 63.0 31.1 93.3

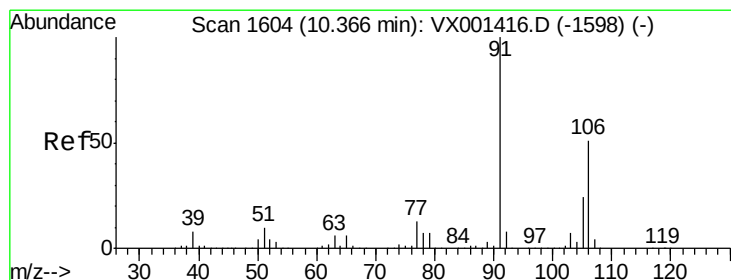
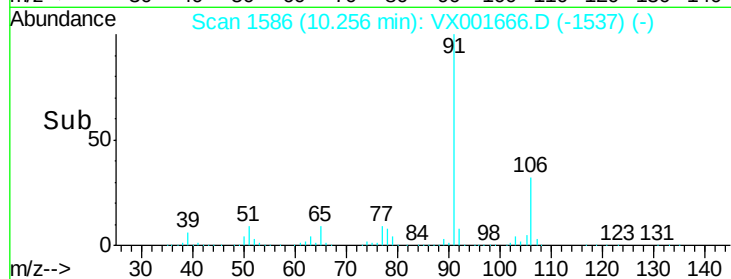
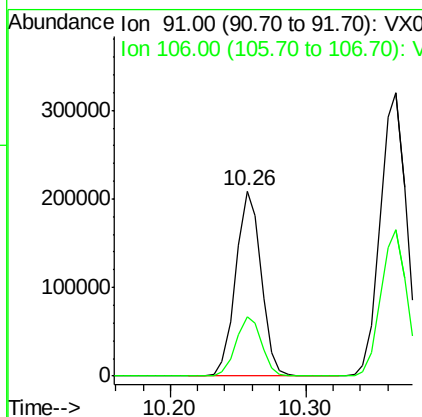
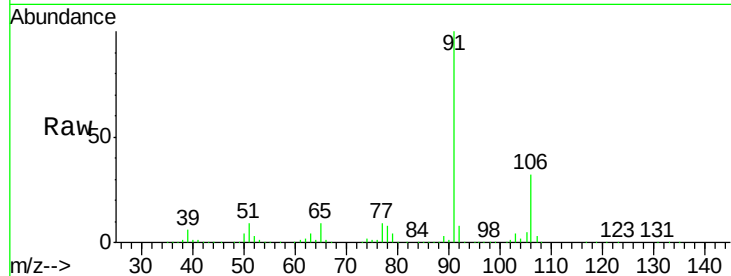




#67
Ethyl Benzene
Concen: 20.09 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

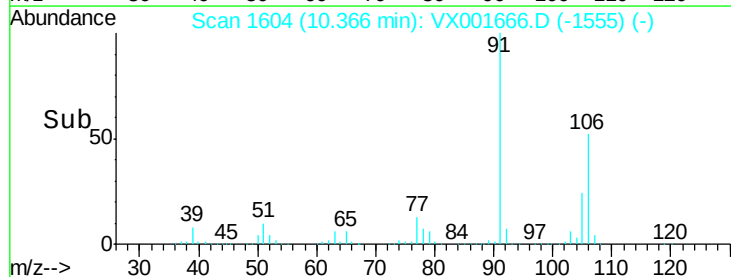
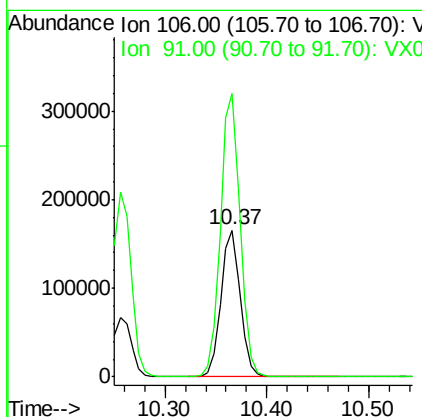
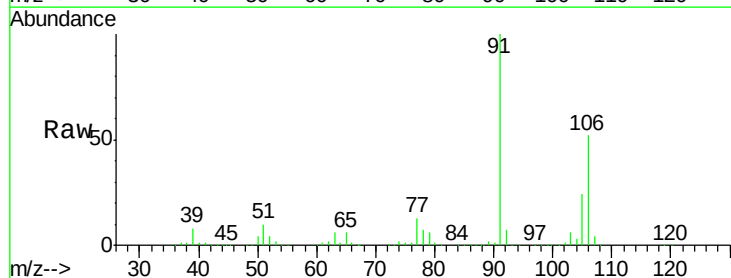
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

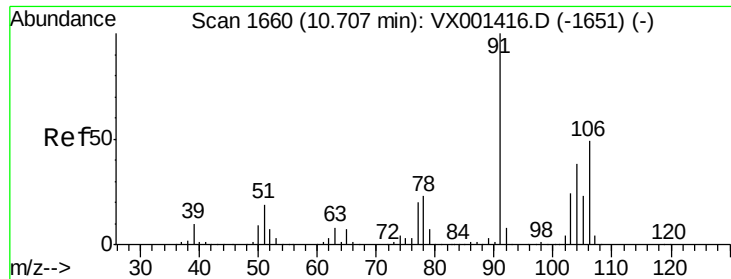
Tgt Ion: 91 Resp: 272392
Ion Ratio Lower Upper
91 100
106 32.1 25.5 38.3



#68
m/p-Xylenes
Concen: 40.86 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Tgt Ion: 106 Resp: 218836
Ion Ratio Lower Upper
106 100
91 197.5 157.5 236.3

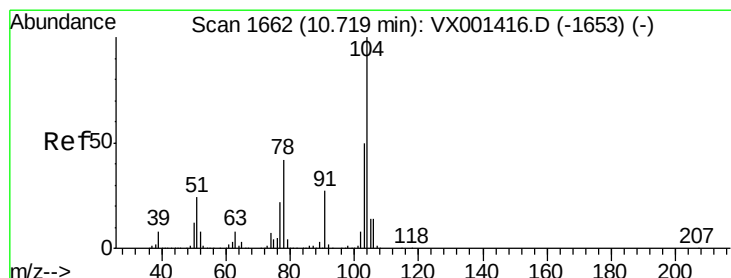
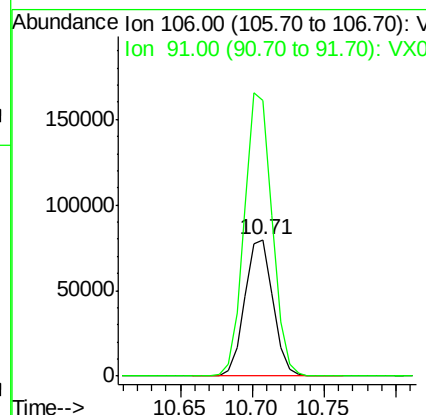
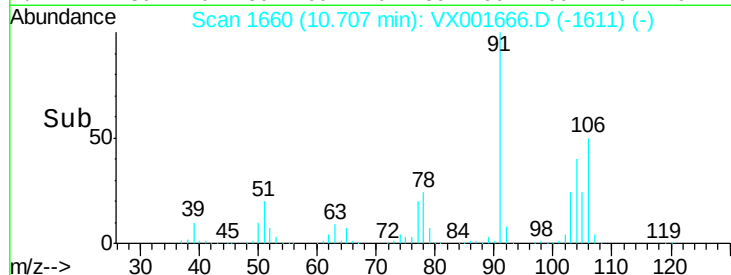
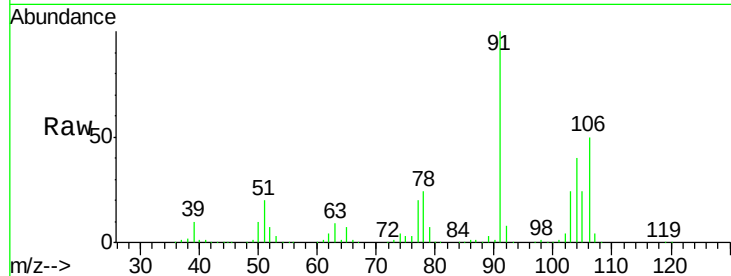




#69
o-Xylene
Concen: 20.71 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

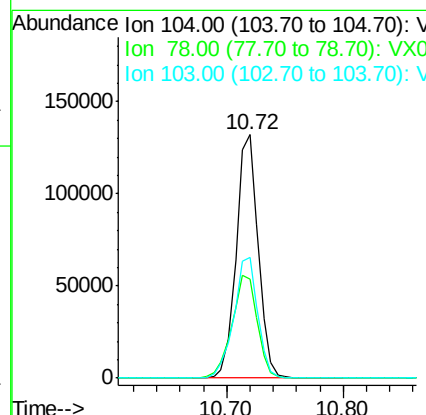
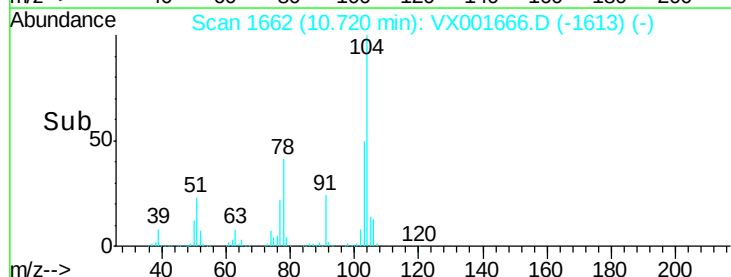
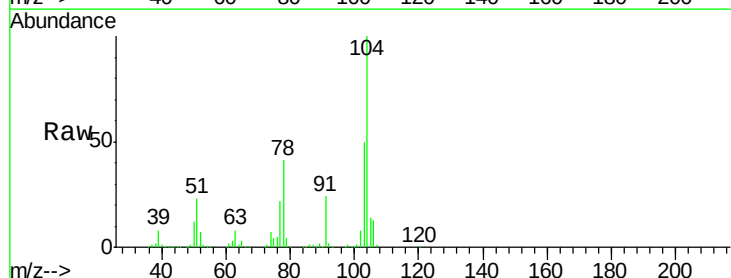
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

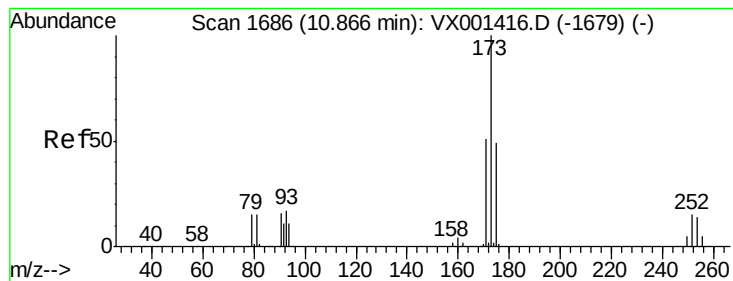
Tgt Ion:106 Resp: 107790
Ion Ratio Lower Upper
106 100
91 206.1 103.1 309.1



#70
Styrene
Concen: 20.61 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Tgt Ion:104 Resp: 174298
Ion Ratio Lower Upper
104 100
78 48.5 38.6 58.0
103 54.5 44.0 66.0





#71

Bromoform

Concen: 19.54 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

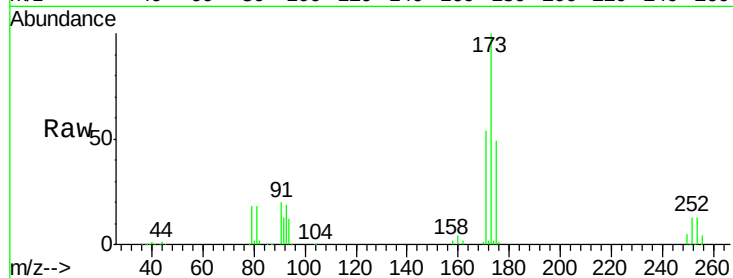
Tgt Ion:173 Resp: 48930

Ion Ratio Lower Upper

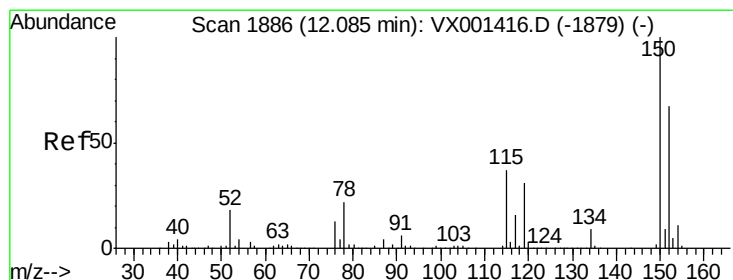
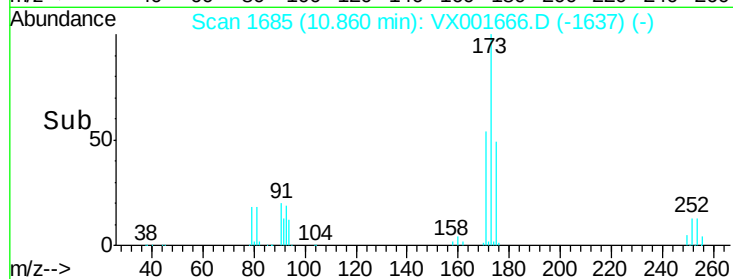
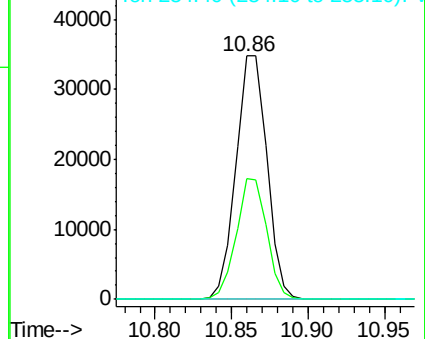
173 100

175 48.4 24.5 73.5

254 0.2 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: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

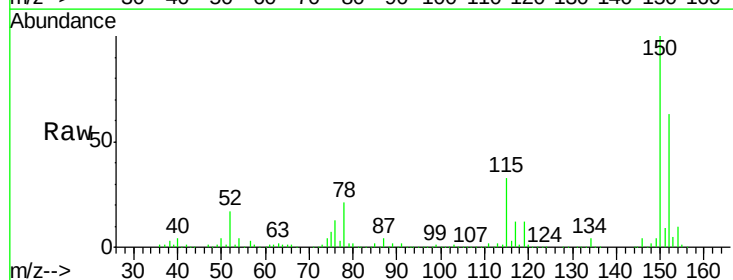
Tgt Ion:152 Resp: 197443

Ion Ratio Lower Upper

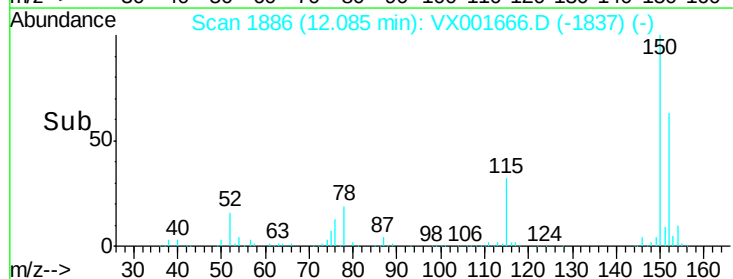
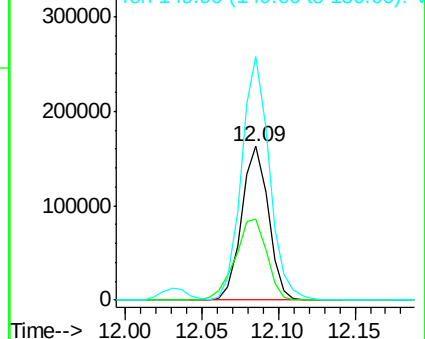
152 100

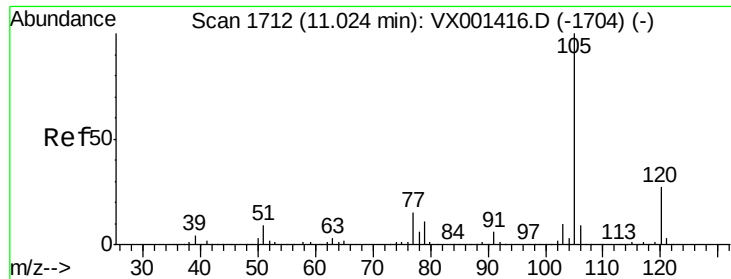
115 62.1 37.7 113.1

150 165.1 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: 21.35 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

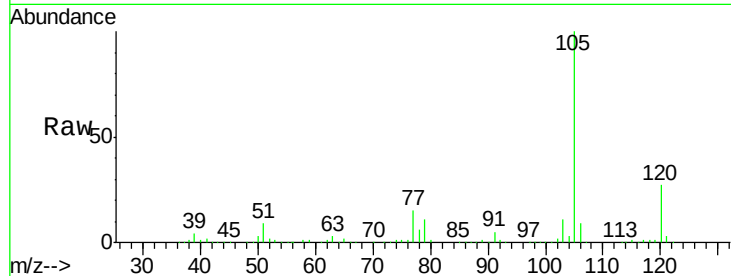
VX0512WBSD01

Tgt Ion: 105 Resp: 291771

Ion Ratio Lower Upper

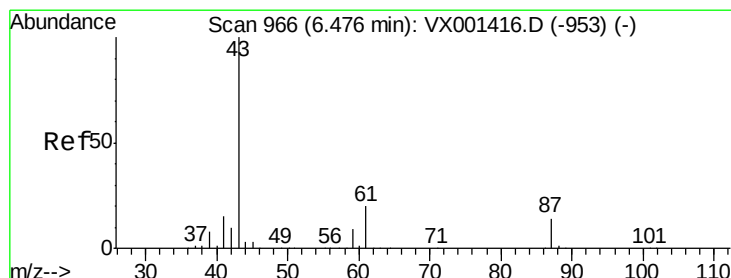
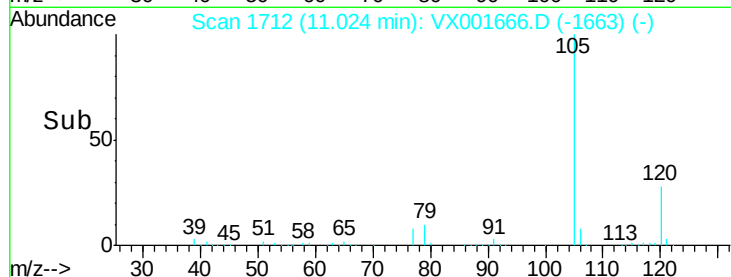
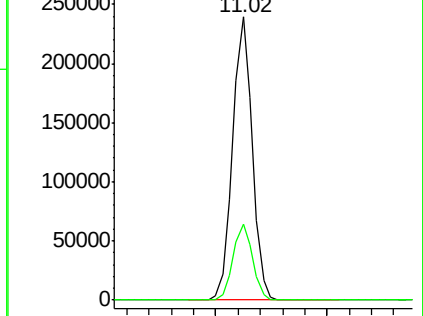
105 100

120 26.7 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: VX001666.D

Acq: 12 May 2018 14:56

Tgt Ion: 43 Resp: 130985

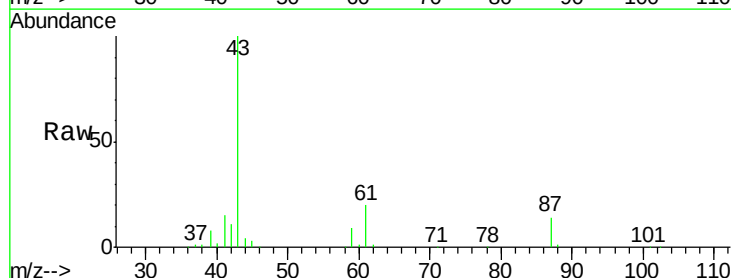
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.2 15.4 23.0

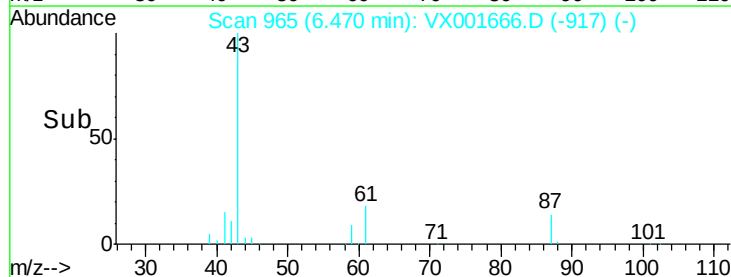
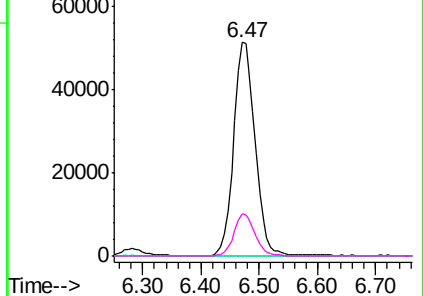


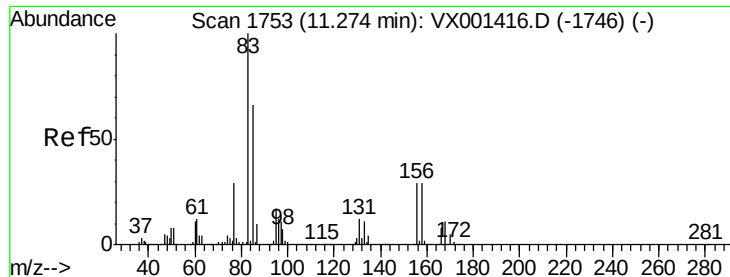
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.67 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

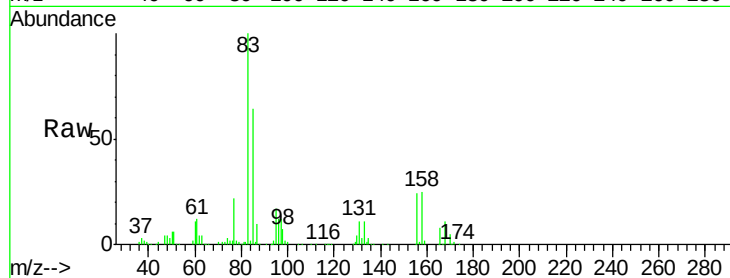
Tgt Ion: 83 Resp: 87483

Ion Ratio Lower Upper

83 100

131 11.1 5.8 17.4

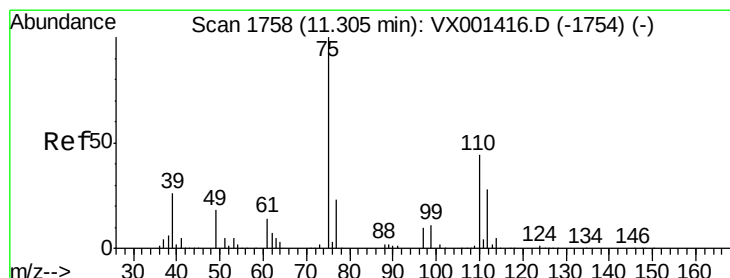
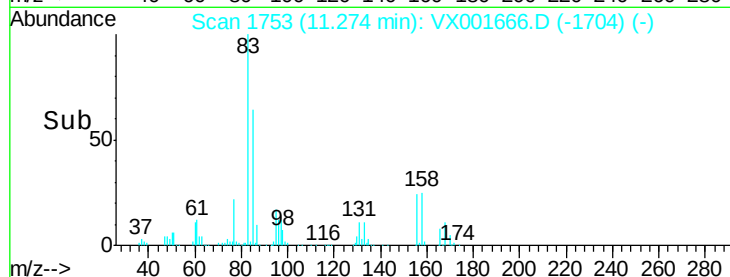
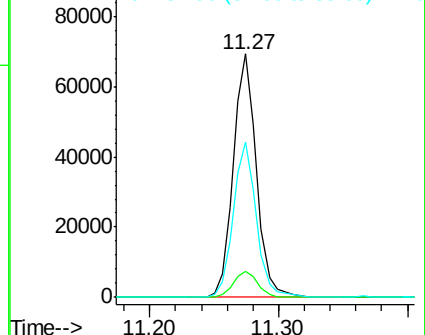
85 63.8 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.93 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001666.D

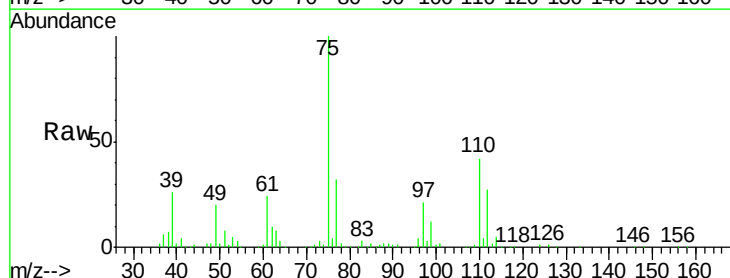
Acq: 12 May 2018 14:56

Tgt Ion: 75 Resp: 99826

Ion Ratio Lower Upper

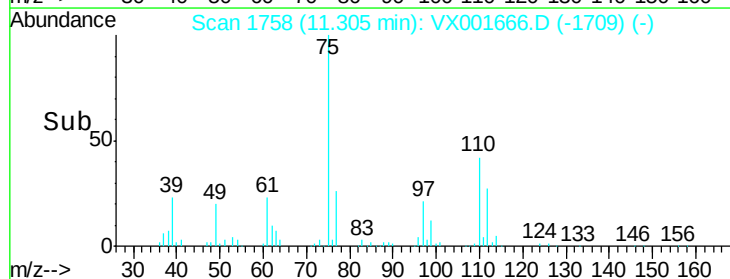
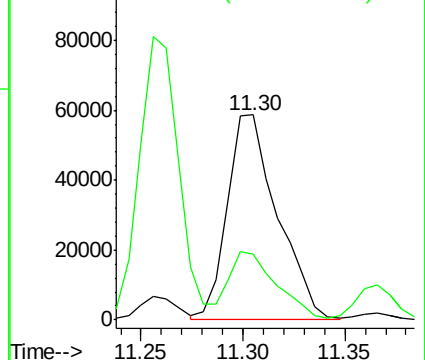
75 100

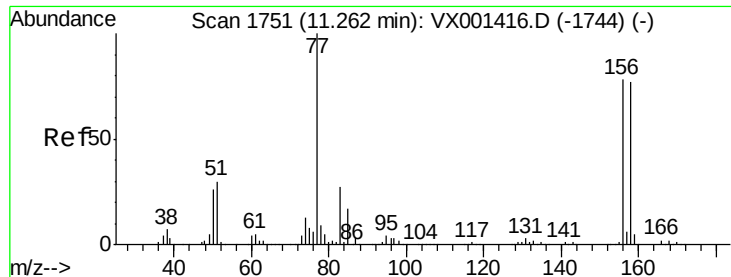
77 32.9 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.88 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

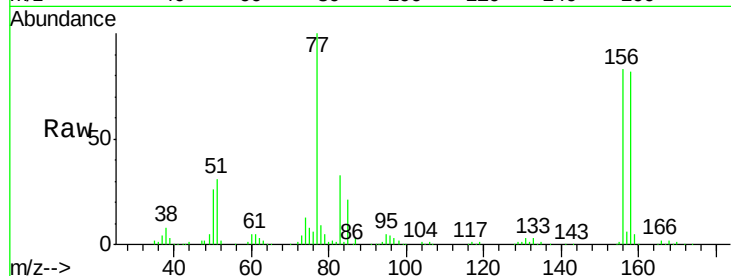
Tgt Ion:156 Resp: 82993

Ion Ratio Lower Upper

156 100

77 129.5 66.0 198.2

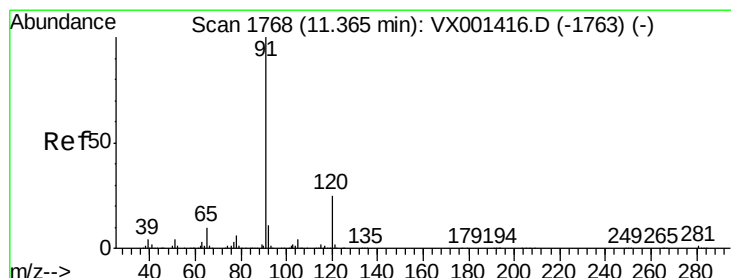
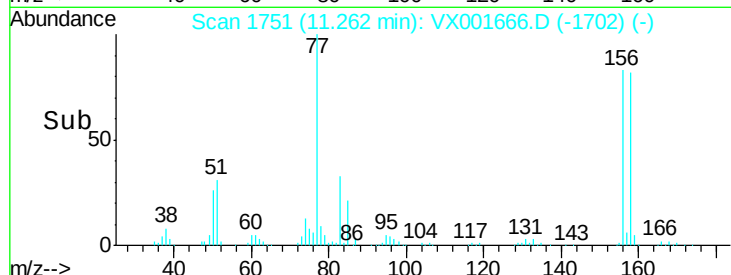
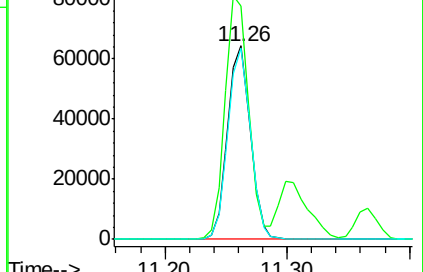
158 97.7 49.4 148.2



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: 21.26 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001666.D

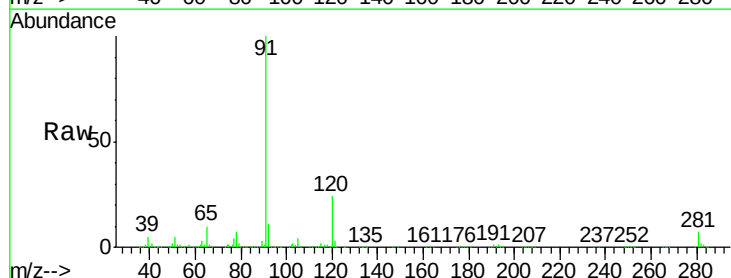
Acq: 12 May 2018 14:56

Tgt Ion: 91 Resp: 316466

Ion Ratio Lower Upper

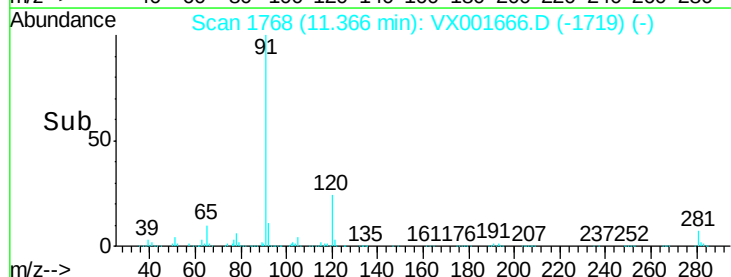
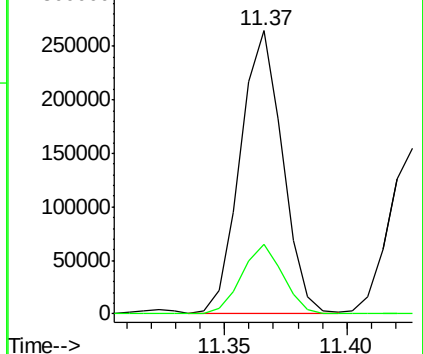
91 100

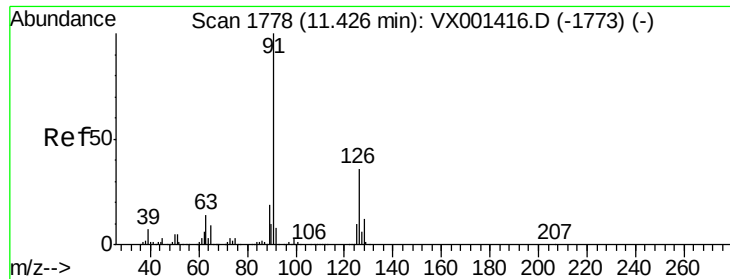
120 24.1 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.02 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

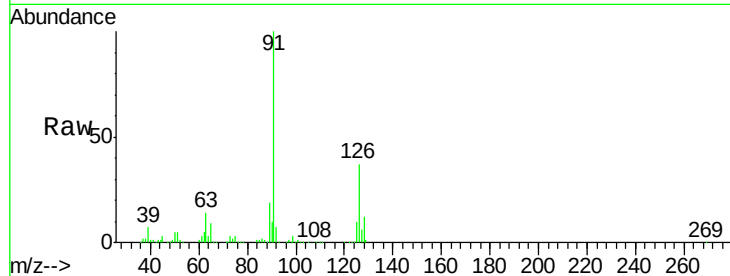
VX0512WBSD01

Tgt Ion: 91 Resp: 192504

Ion Ratio Lower Upper

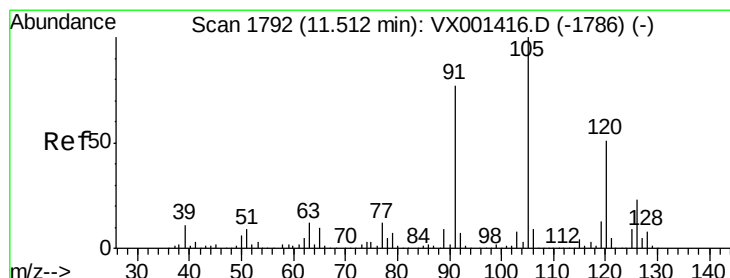
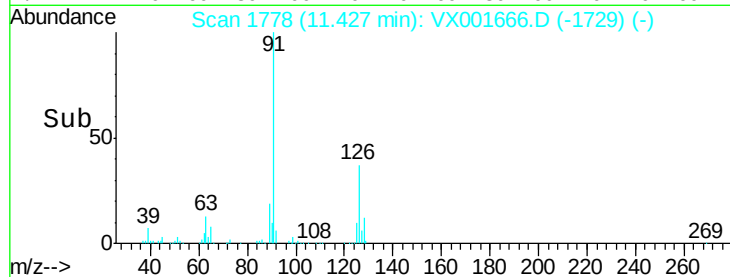
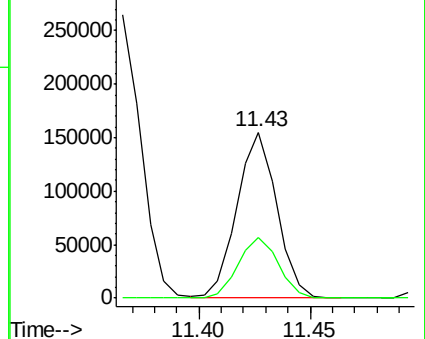
91 100

126 37.1 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.07 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001666.D

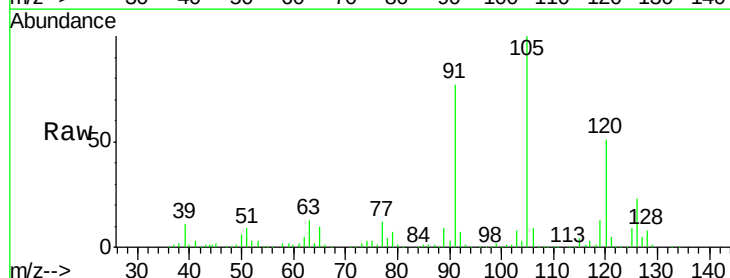
Acq: 12 May 2018 14:56

Tgt Ion: 105 Resp: 239769

Ion Ratio Lower Upper

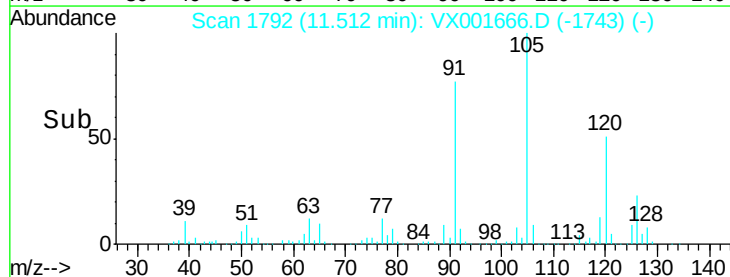
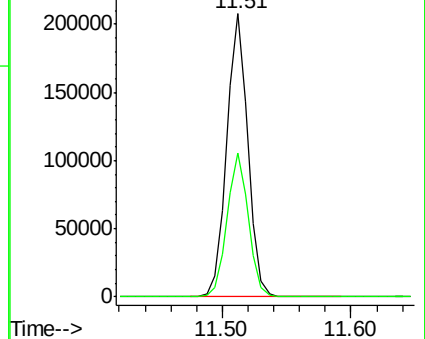
105 100

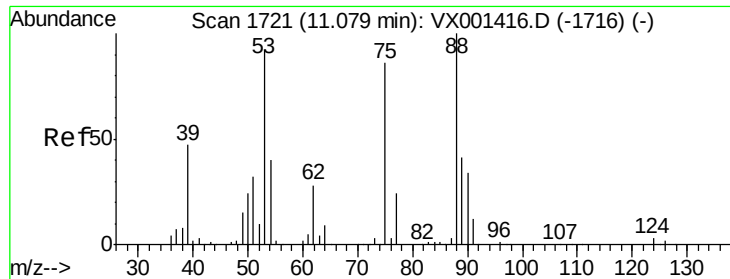
120 51.3 25.7 77.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.47 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

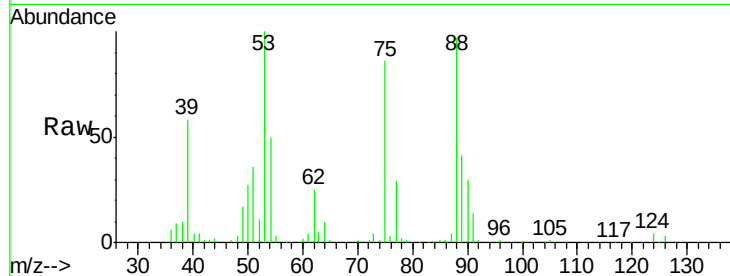
Tgt Ion: 75 Resp: 20856

Ion Ratio Lower Upper

75 100

53 118.9 84.5 126.7

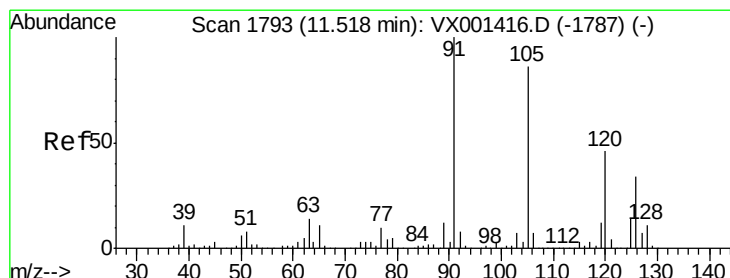
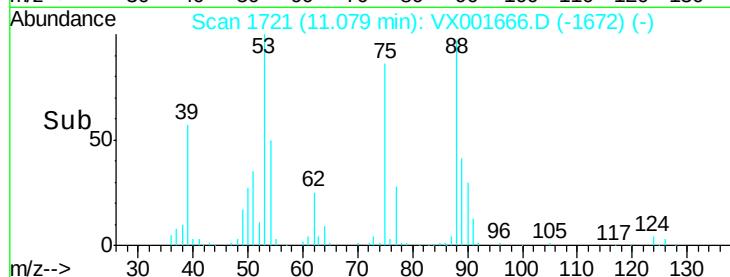
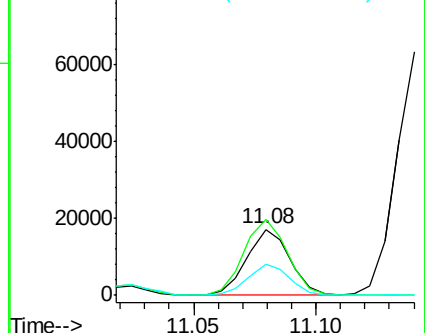
89 47.0 39.5 59.3



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: 20.79 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001666.D

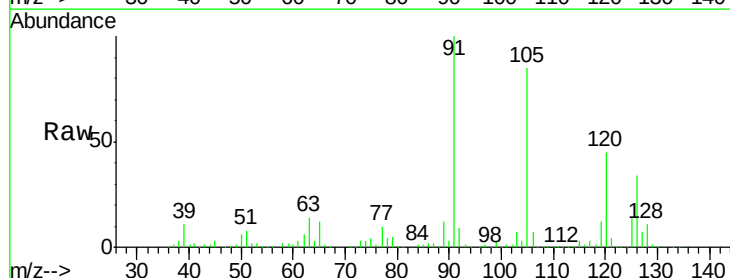
Acq: 12 May 2018 14:56

Tgt Ion: 91 Resp: 219673

Ion Ratio Lower Upper

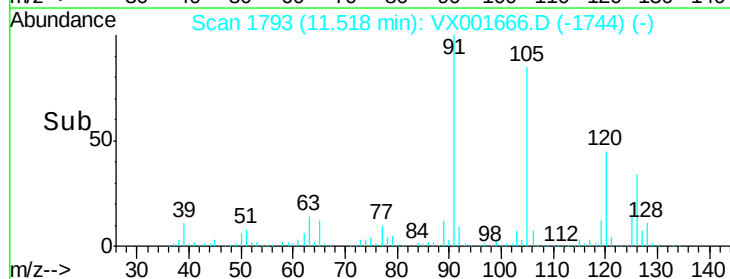
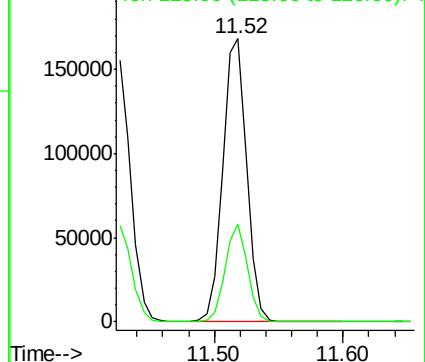
91 100

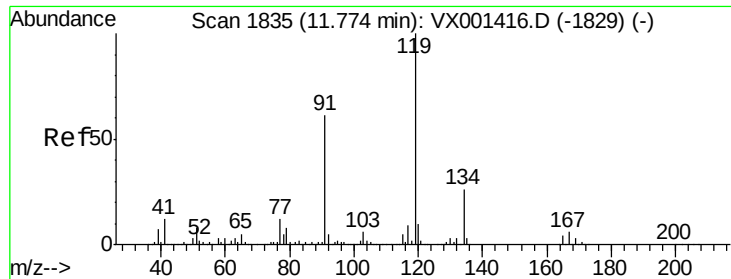
126 32.4 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

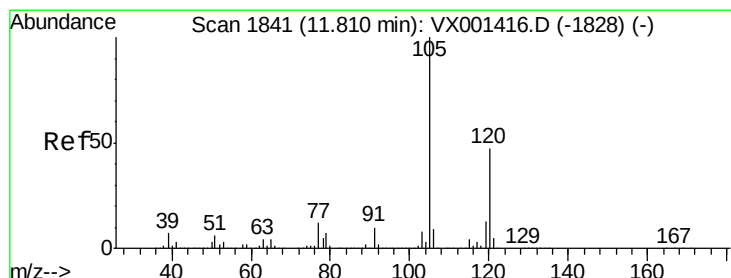
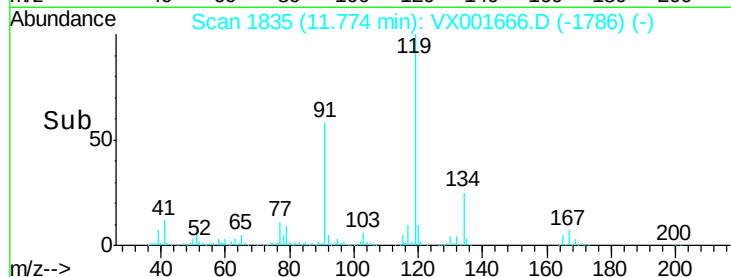
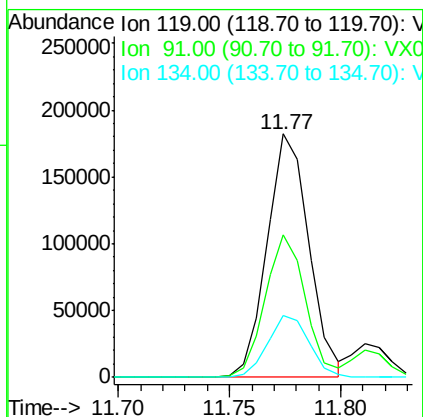
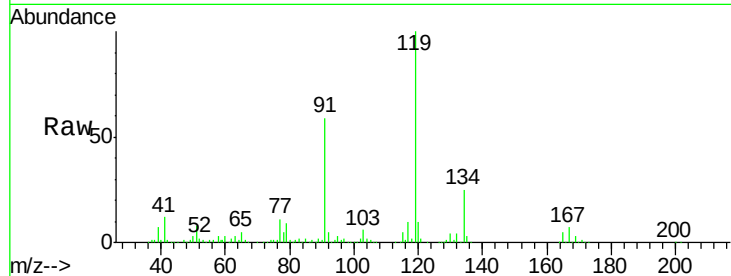




#83
 tert-Butylbenzene
 Concen: 20.95 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

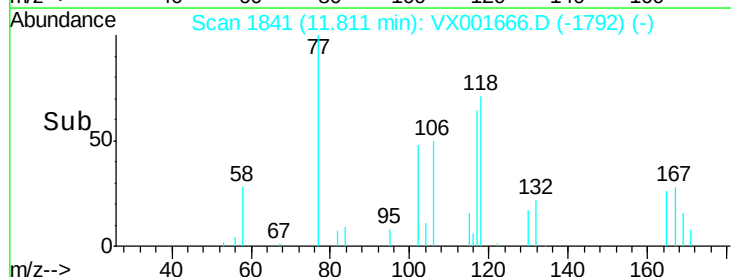
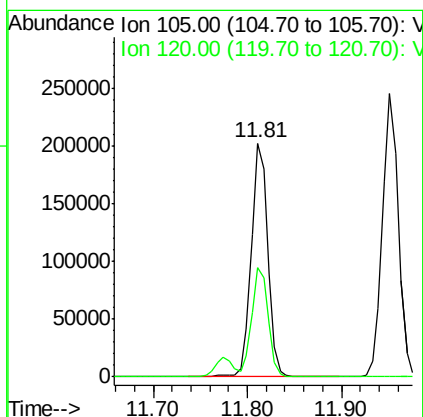
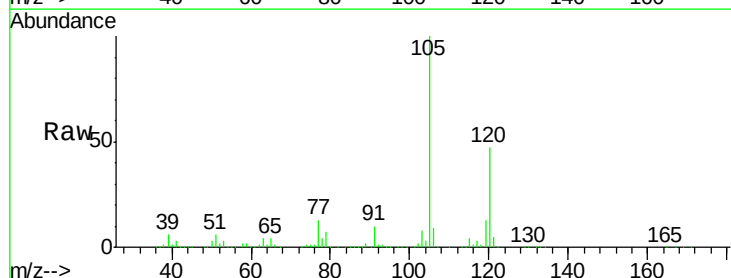
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD01

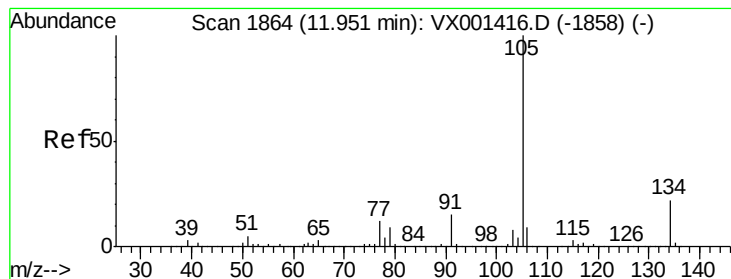
Tgt Ion:119 Resp: 237239
 Ion Ratio Lower Upper
 119 100
 91 56.5 27.8 83.3
 134 25.4 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 21.35 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

Tgt Ion:105 Resp: 249671
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.4 70.2





#85

sec-Butylbenzene

Concen: 21.32 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

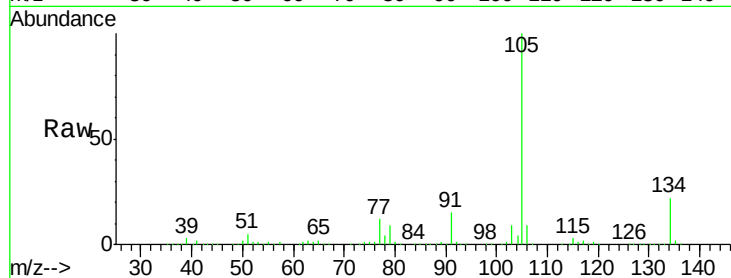
VX0512WBSD01

Tgt Ion:105 Resp: 289770

Ion Ratio Lower Upper

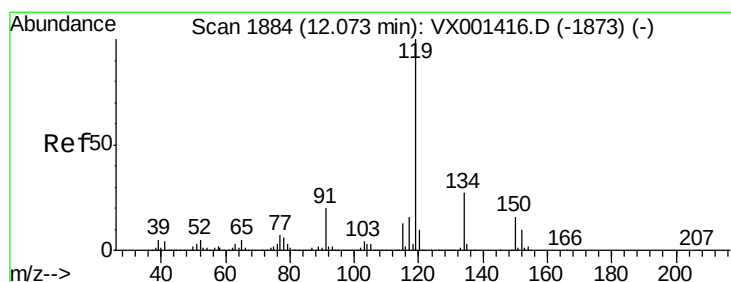
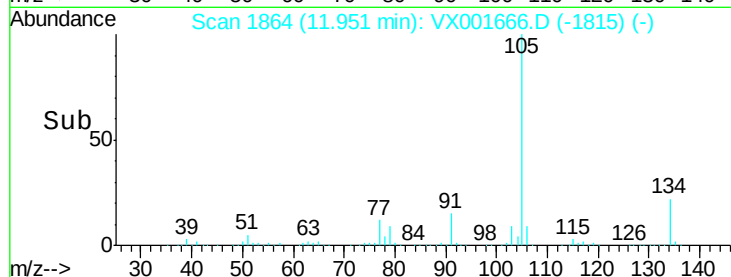
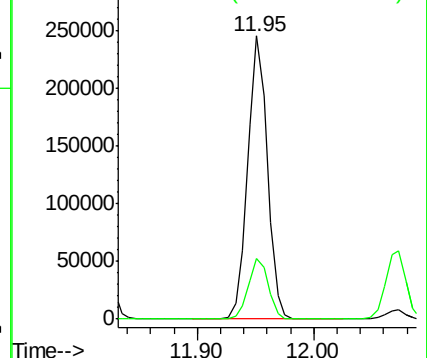
105 100

134 21.8 10.9 32.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.25 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

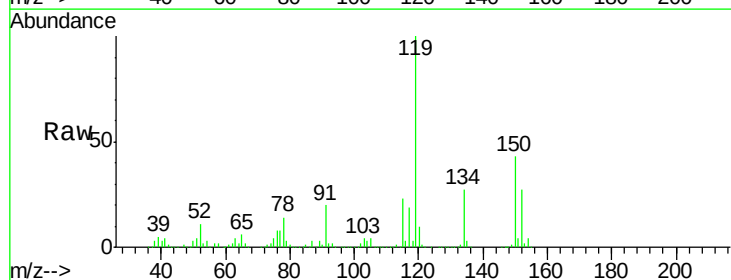
Tgt Ion:119 Resp: 264974

Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.8

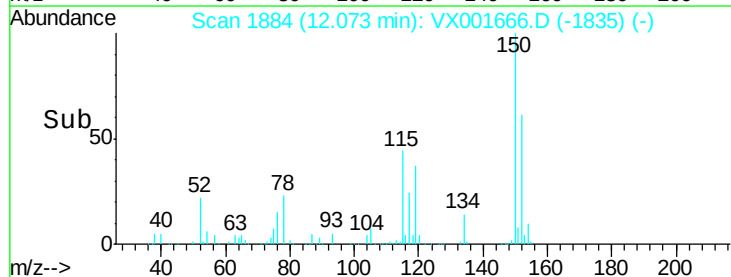
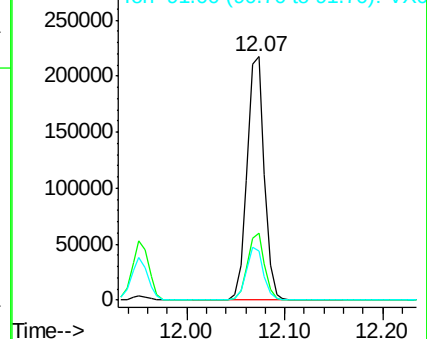
91 21.6 10.8 32.3

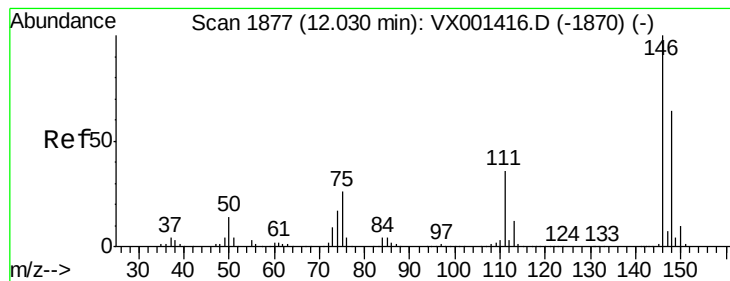


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.48 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampled :

VX0512WBSD01

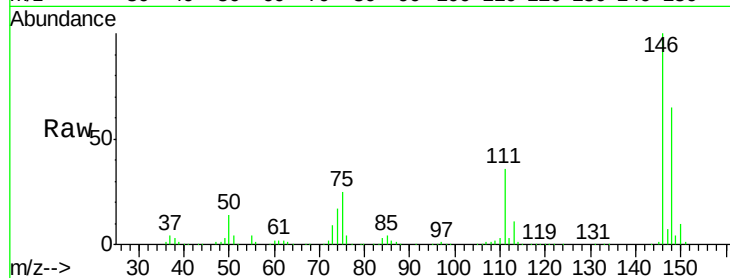
Tgt Ion:146 Resp: 145474

Ion Ratio Lower Upper

146 100

111 35.8 18.1 54.1

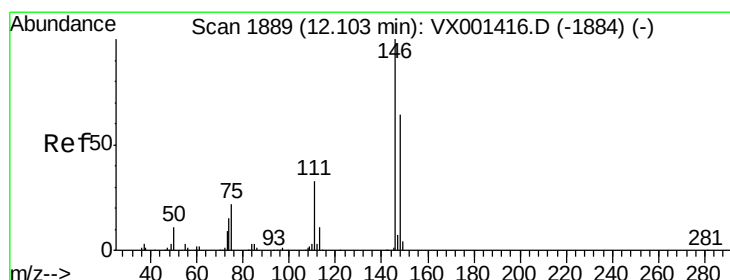
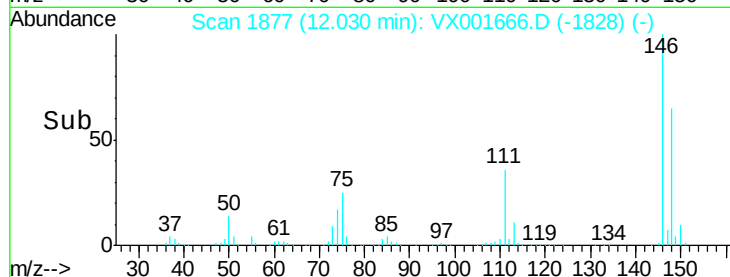
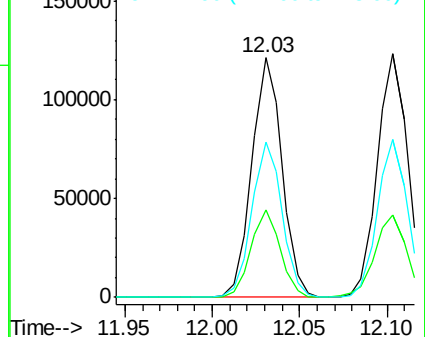
148 64.7 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.50 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

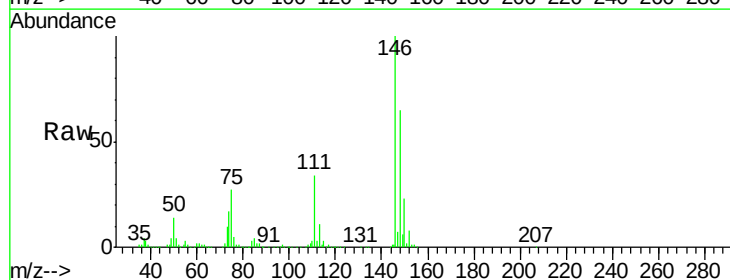
Tgt Ion:146 Resp: 148523

Ion Ratio Lower Upper

146 100

111 35.7 17.4 52.3

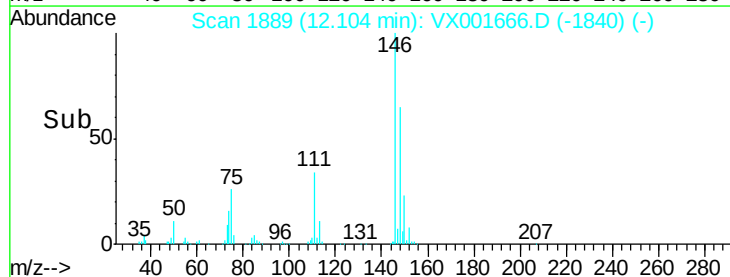
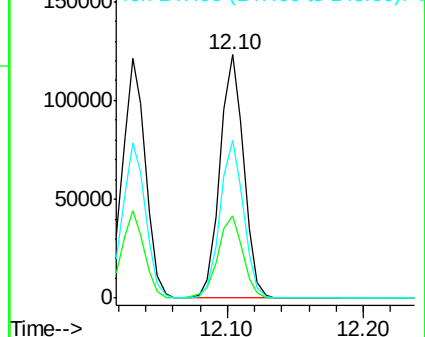
148 64.3 32.2 96.6

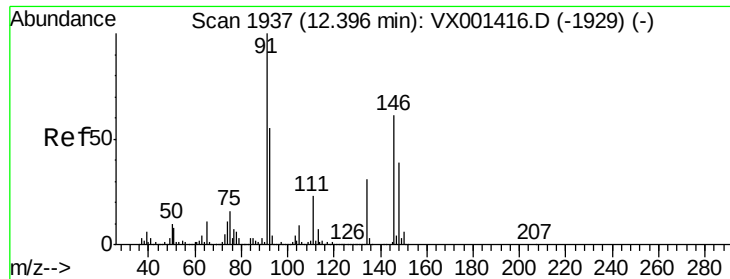


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

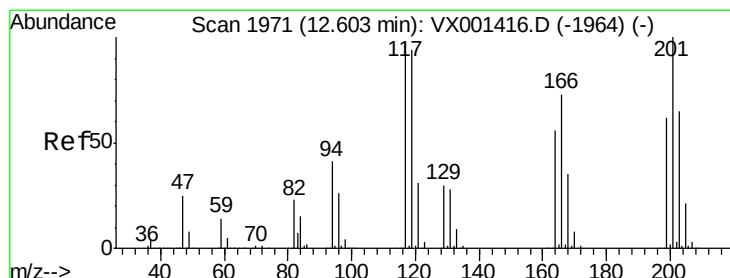
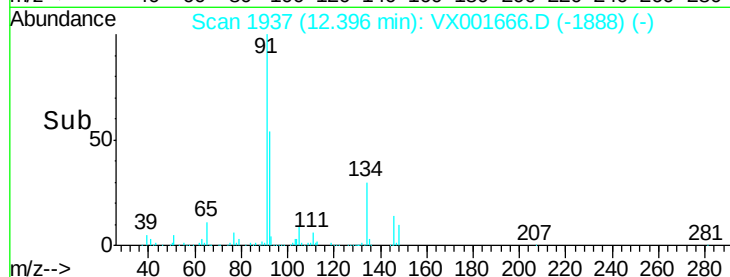
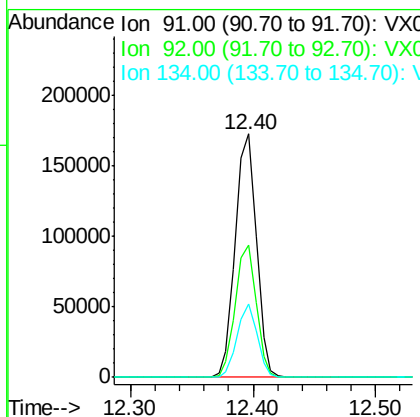
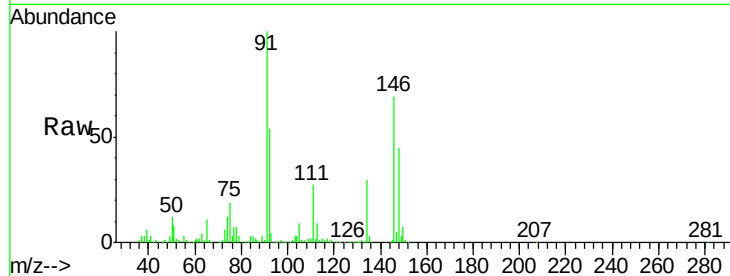




#89
n-Butylbenzene
Concen: 19.98 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

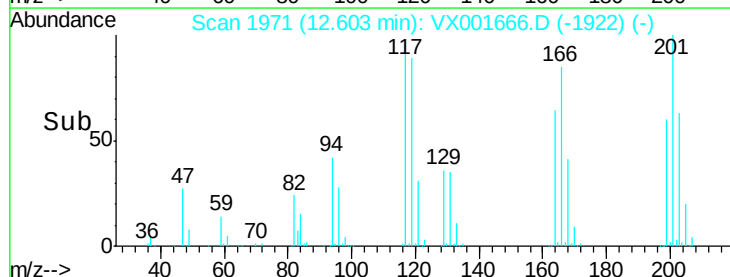
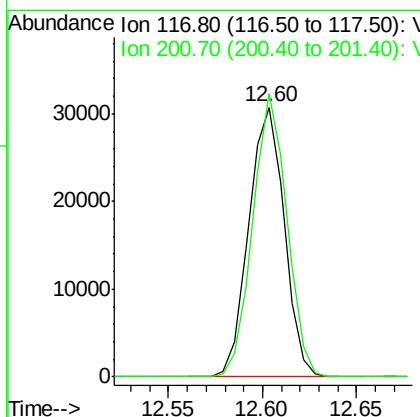
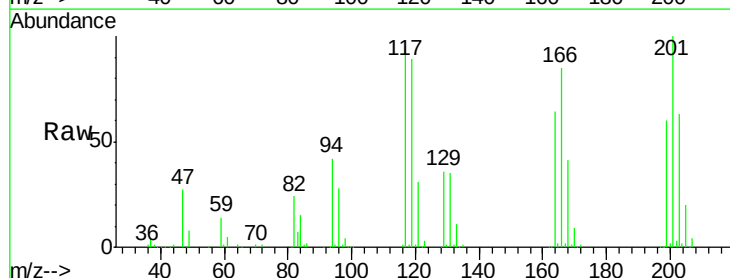
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBSD01

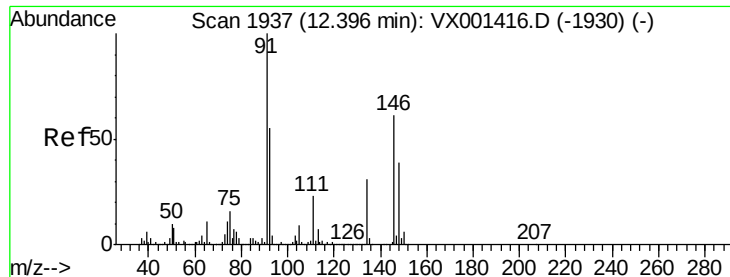
Tgt Ion: 91 Resp: 206361
Ion Ratio Lower Upper
91 100
92 53.9 27.2 81.5
134 28.6 14.6 44.0



#90
Hexachloroethane
Concen: 21.33 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Tgt Ion: 117 Resp: 40036
Ion Ratio Lower Upper
117 100
201 101.2 51.5 154.5





#91

1,2-Dichlorobenzene

Concen: 20.85 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBSD01

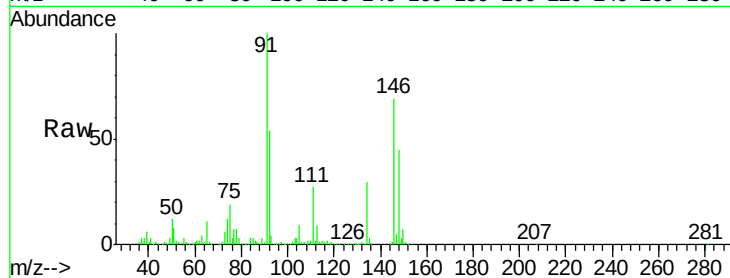
Tgt Ion:146 Resp: 150674

Ion Ratio Lower Upper

146 100

111 37.1 18.6 55.8

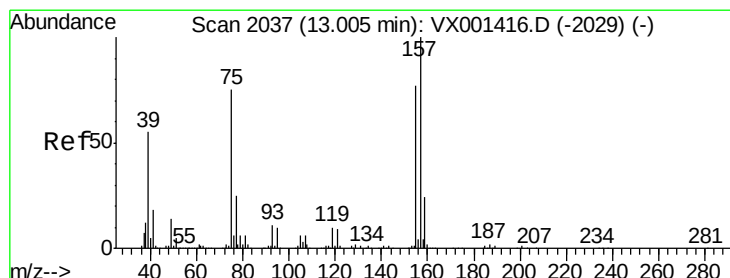
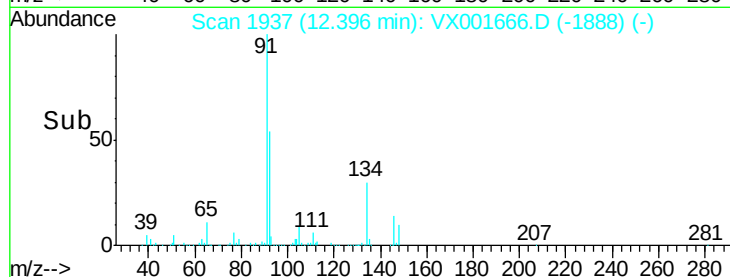
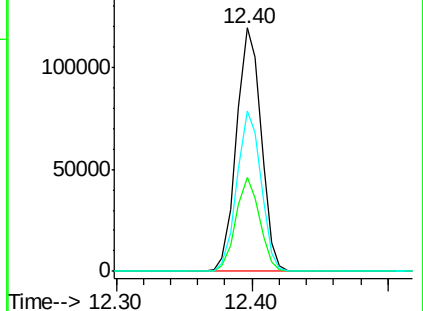
148 64.3 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.22 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX001666.D

Acq: 12 May 2018 14:56

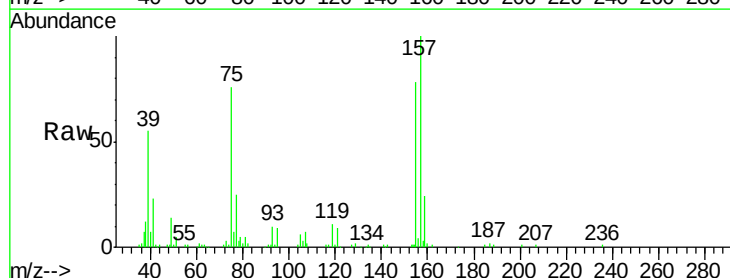
Tgt Ion: 75 Resp: 18825

Ion Ratio Lower Upper

75 100

155 103.6 53.4 160.2

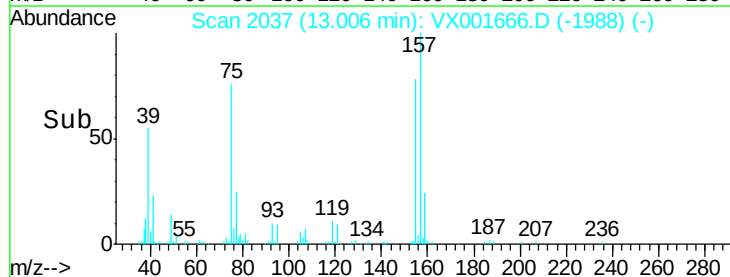
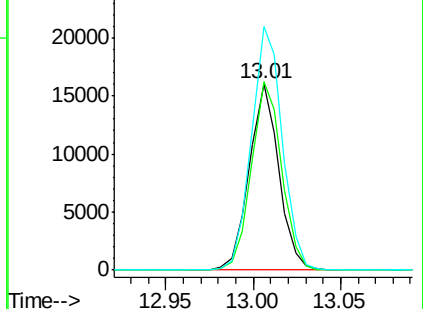
157 136.1 68.3 204.8

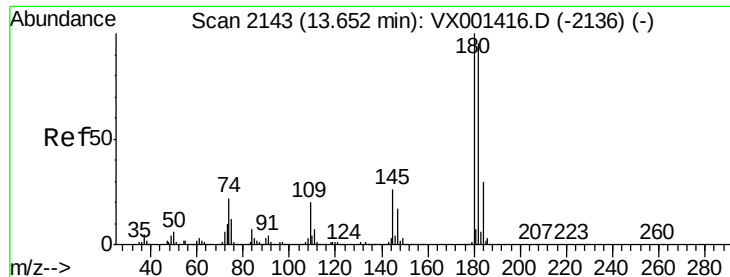


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

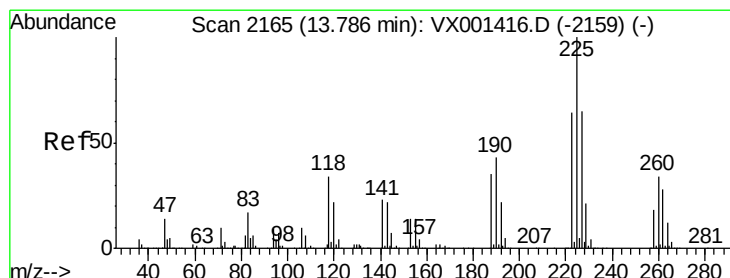
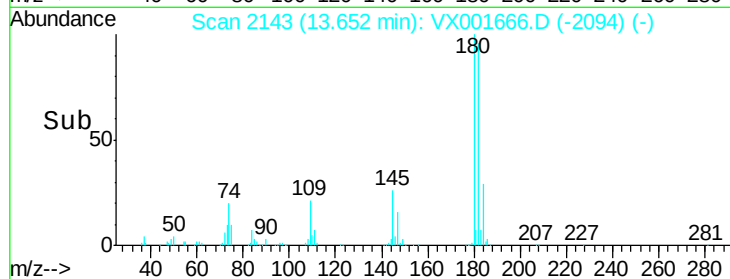
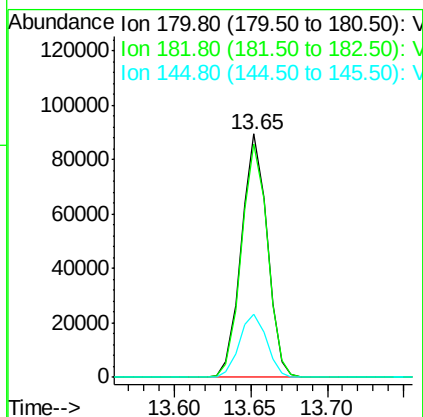
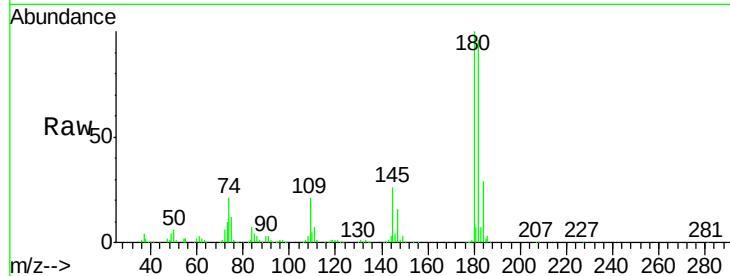




#93
 1,2,4-Trichlorobenzene
 Concen: 19.84 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

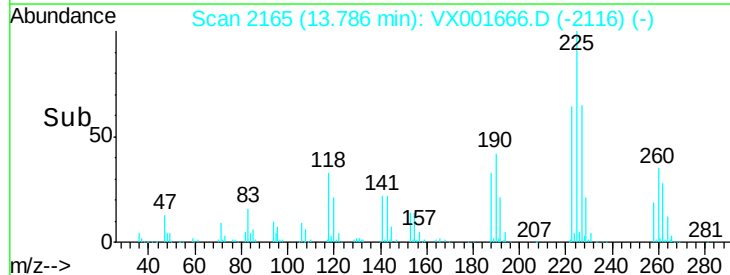
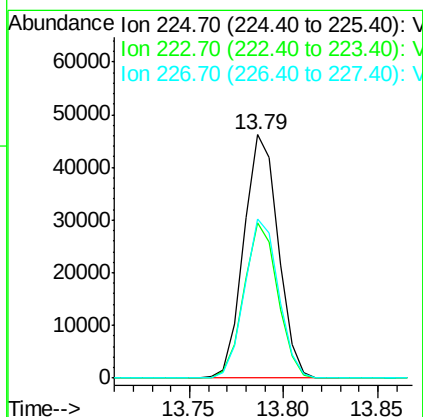
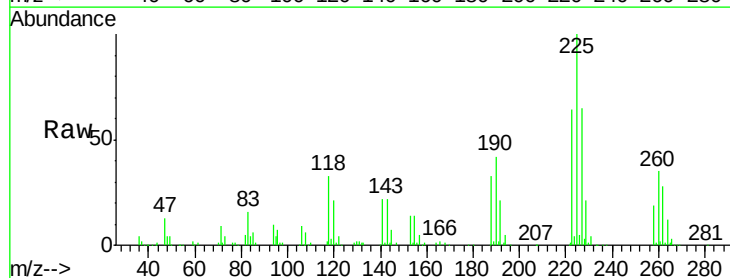
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBSD01

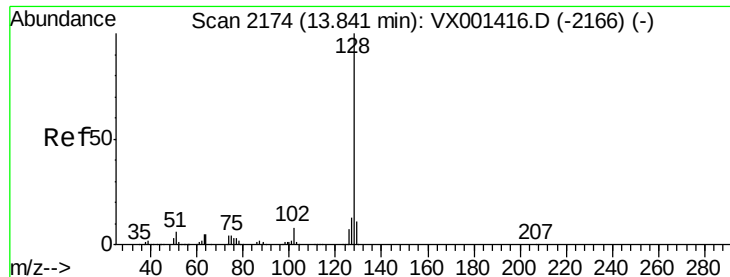
Tgt Ion:180 Resp: 104944
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.8 143.4
 145 27.3 13.3 39.9



#94
 Hexachlorobutadiene
 Concen: 20.18 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001666.D
 Acq: 12 May 2018 14:56

Tgt Ion:225 Resp: 58392
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.3 93.9
 227 64.4 32.4 97.2

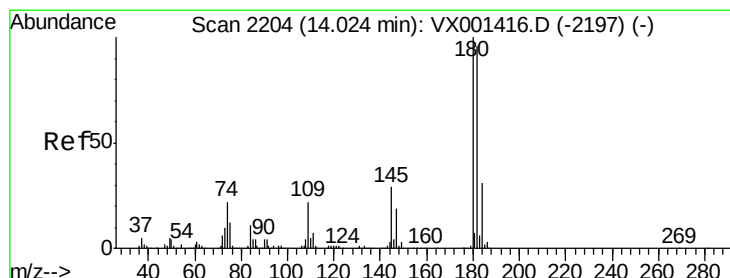
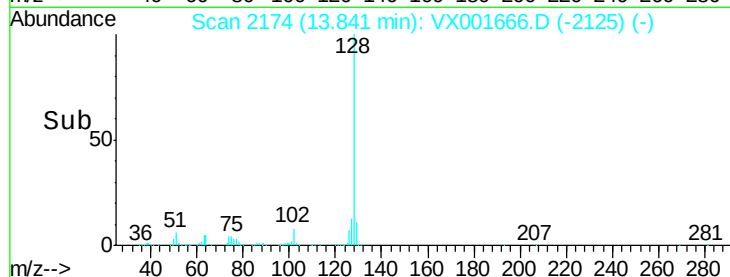
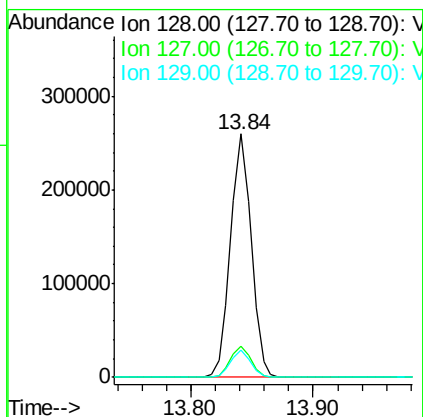
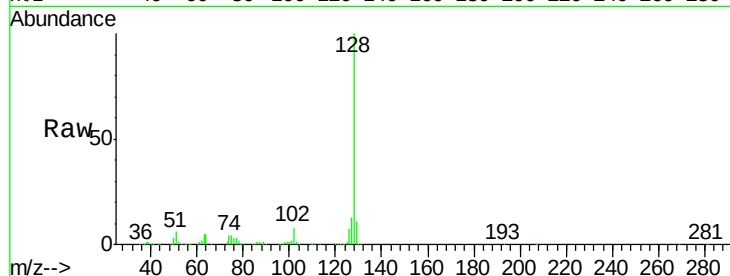




#95
Naphthalene
Concen: 20.79 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Instrument :
MSVOA_X
ClientSampled :
VX0512WBSD01

Tgt Ion:128 Resp: 304124
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.98 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001666.D
Acq: 12 May 2018 14:56

Tgt Ion:180 Resp: 113867
Ion Ratio Lower Upper
180 100
182 95.0 48.0 144.2
145 28.4 14.1 42.4

