

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050818\
 Data File : VX001526.D
 Acq On : 08 May 2018 20:41
 Operator : JC/MD
 Sample : VX0508WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

Quant Time: May 09 06:48:12 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	209539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	282763	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	265233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	186409	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	168597	55.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.96%	
35) Dibromofluoromethane	5.51	113	135392	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	
50) Toluene-d8	8.72	98	468267	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
62) 4-Bromofluorobenzene	11.14	95	175121	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59726	21.17	ug/l	98
3) Chloromethane	1.32	50	62470	22.74	ug/l	98
4) Vinyl Chloride	1.40	62	64882	22.63	ug/l	100
5) Bromomethane	1.64	94	36437	26.12	ug/l	100
6) Chloroethane	1.72	64	45153	23.83	ug/l	98
7) Trichlorofluoromethane	1.93	101	97397	22.57	ug/l	100
8) Diethyl Ether	2.19	74	40123	23.72	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53481	21.14	ug/l	99
10) Methyl Iodide	2.51	142	67587	18.52	ug/l	100
11) Tert butyl alcohol	3.09	59	82117	129.32	ug/l	99
12) 1,1-Dichloroethene	2.37	96	52872	22.80	ug/l	98
13) Acrolein	2.30	56	15135	114.59	ug/l	93
14) Allyl chloride	2.73	41	100090	23.15	ug/l	98
15) Acrylonitrile	3.15	53	176378	122.92	ug/l	99
16) Acetone	2.45	43	160075	117.05	ug/l	99
17) Carbon Disulfide	2.57	76	118698	20.12	ug/l	98
18) Methyl Acetate	2.78	43	94350	26.26	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	195270	24.19	ug/l	99
20) Methylene Chloride	2.86	84	62112	22.94	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	57139	22.08	ug/l	97
22) Diisopropyl ether	3.88	45	182351	22.58	ug/l	98
23) Vinyl Acetate	3.83	43	760304	112.95	ug/l	99
24) 1,1-Dichloroethane	3.70	63	109430	24.25	ug/l	99
25) 2-Butanone	4.72	43	236269	119.52	ug/l	99
26) 2,2-Dichloropropane	4.59	77	60096	17.25	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	62311	22.61	ug/l	96
28) Bromochloromethane	5.03	49	48166	24.62	ug/l	97
29) Tetrahydrofuran	5.18	42	151343	119.66	ug/l	100
30) Chloroform	5.22	83	110636	23.80	ug/l	99
31) Cyclohexane	5.58	56	77020	19.87	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	93485	23.01	ug/l	98
36) 1,1-Dichloropropene	5.81	75	72537	20.17	ug/l	98
37) Ethyl Acetate	4.87	43	90009	22.83	ug/l	99
38) Carbon Tetrachloride	5.79	117	81623	21.28	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76128	17.90	ug/l	96
40) Benzene	6.15	78	231130	22.00	ug/l	98
41) Methacrylonitrile	5.07	41	51743	22.94	ug/l	98
42) 1,2-Dichloroethane	6.20	62	93894	23.25	ug/l	99
43) Isopropyl Acetate	6.48	43	136227	22.51	ug/l	100
44) Trichloroethene	7.22	130	69403	21.61	ug/l	100
45) 1,2-Dichloropropane	7.52	63	58224	22.23	ug/l	98
46) Dibromomethane	7.67	93	41836	22.56	ug/l	99
47) Bromodichloromethane	7.90	83	76214	22.21	ug/l	99
48) Methyl methacrylate	7.79	41	74208	22.52	ug/l	99
49) 1,4-Dioxane	7.76	88	33571	471.47	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	476464	118.46	ug/l	99
52) Toluene	8.79	92	148370	21.60	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	82314	21.23	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	73894	19.86	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	62483	22.58	ug/l	98
56) Ethyl methacrylate	9.19	69	85672	21.47	ug/l	98
57) 1,3-Dichloropropane	9.38	76	103331	22.58	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	226082	115.54	ug/l	99
59) 2-Hexanone	9.51	43	357788	116.17	ug/l	99
60) Dibromochloromethane	9.59	129	62033	21.89	ug/l	99
61) 1,2-Dibromoethane	9.68	107	65357	22.49	ug/l	100
64) Tetrachloroethene	9.34	164	81062	21.93	ug/l	98
65) Chlorobenzene	10.15	112	169466	21.79	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	63646	22.87	ug/l	99
67) Ethyl Benzene	10.26	91	267443	20.98	ug/l	99
68) m/p-Xylenes	10.37	106	215195	42.72	ug/l	99
69) o-Xylene	10.70	106	106096	21.67	ug/l	99
70) Styrene	10.72	104	174554	21.95	ug/l	100
71) Bromoform	10.86	173	48968	20.56	ug/l #	100
73) Isopropylbenzene	11.02	105	281908	21.85	ug/l	99
74) N-amyl acetate	6.48	43	136227	23.24	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	88545	23.23	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	103125	27.28	ug/l	86
77) Bromobenzene	11.26	156	82032	21.86	ug/l	99
78) n-propylbenzene	11.37	91	303809	21.62	ug/l	99
79) 2-Chlorotoluene	11.43	91	189966	21.97	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	232648	21.65	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19211	19.10	ug/l	87
82) 4-Chlorotoluene	11.52	91	220236	22.08	ug/l	99
83) tert-Butylbenzene	11.77	119	225662	21.11	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	243614	22.06	ug/l	99
85) sec-Butylbenzene	11.95	105	273175	21.29	ug/l	100
86) p-Isopropyltoluene	12.07	119	252782	21.47	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	142441	21.24	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	143540	20.98	ug/l	97
89) n-Butylbenzene	12.40	91	192605	19.75	ug/l	99
90) Hexachloroethane	12.60	117	37172	20.97	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	148393	21.75	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20641	24.65	ug/l	93

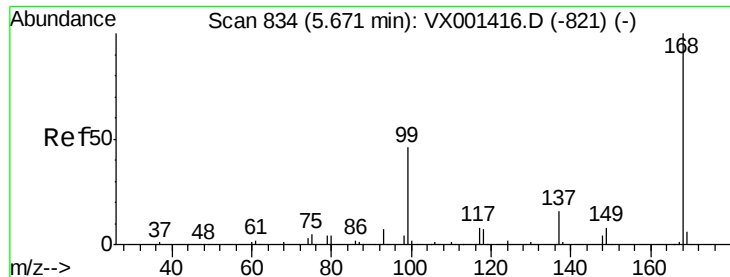
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	103084	20.65	ug/l	100
94) Hexachlorobutadiene	13.79	225	54472	19.94	ug/l	98
95) Naphthalene	13.84	128	313267	22.69	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	110173	21.50	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

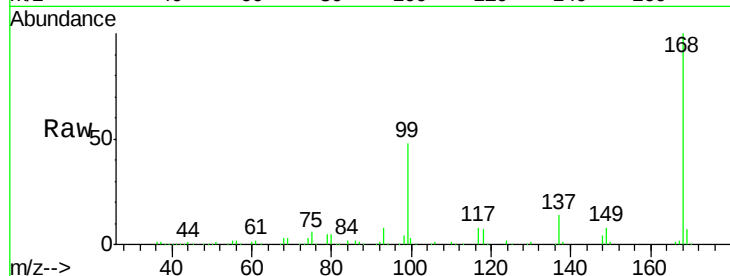
VX0508WBSD01

Tgt Ion:168 Resp: 209539

Ion Ratio Lower Upper

168 100

99 48.3 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

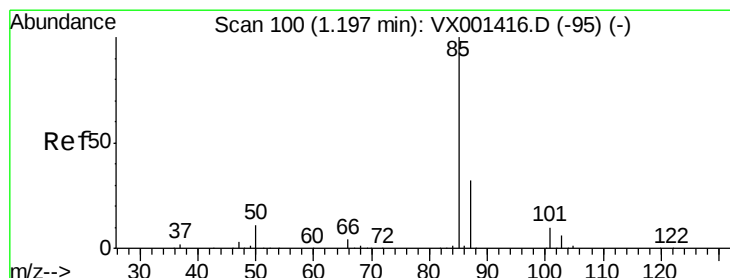
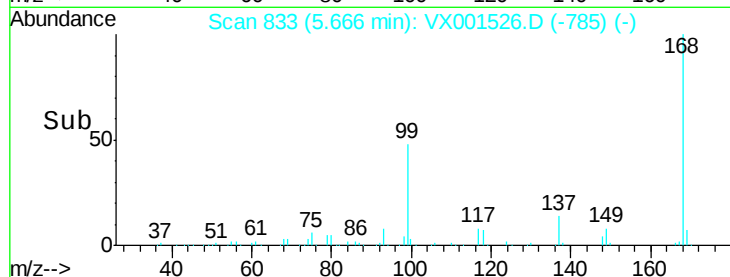
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.17 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001526.D

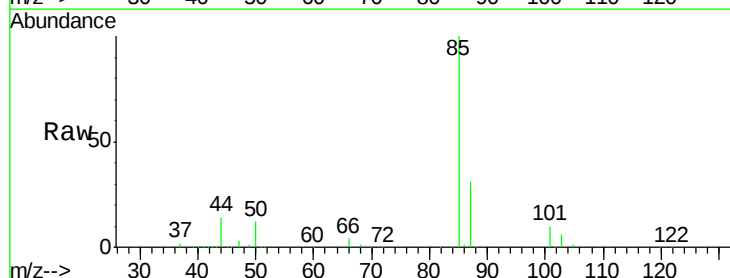
Acq: 08 May 2018 20:41

Tgt Ion: 85 Resp: 59726

Ion Ratio Lower Upper

85 100

87 31.3 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

50000

40000

30000

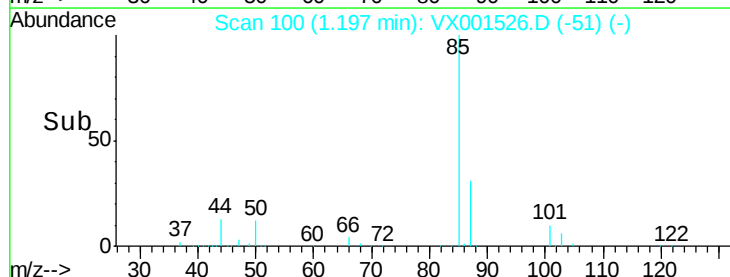
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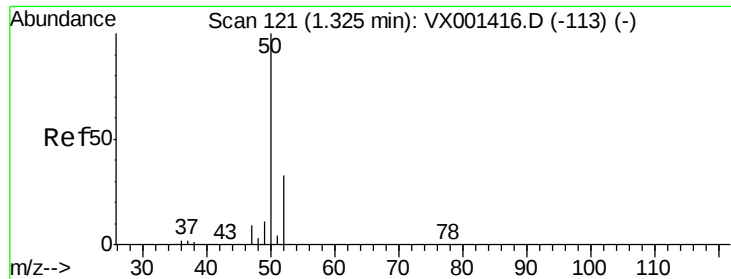
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 22.74 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

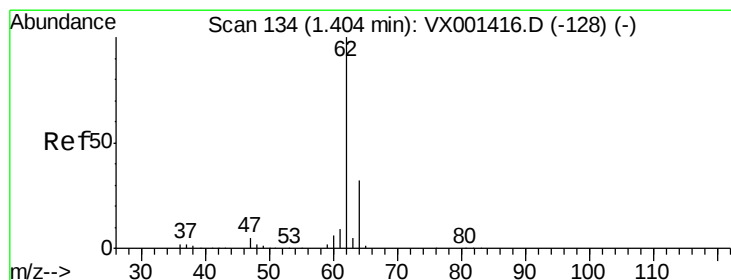
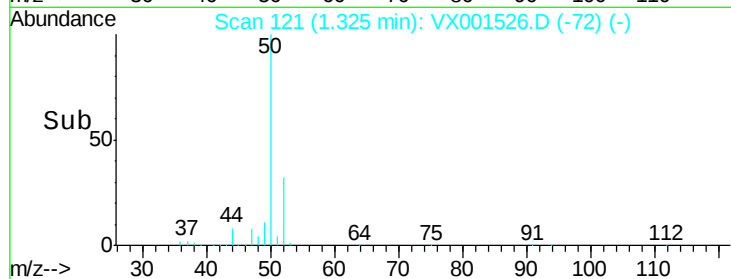
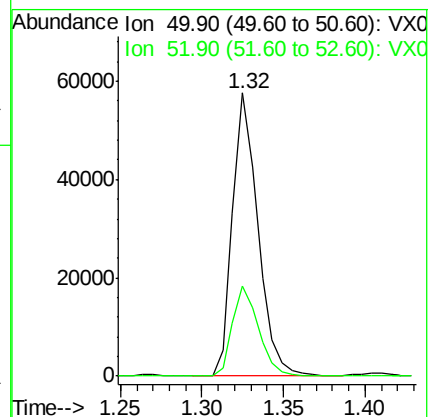
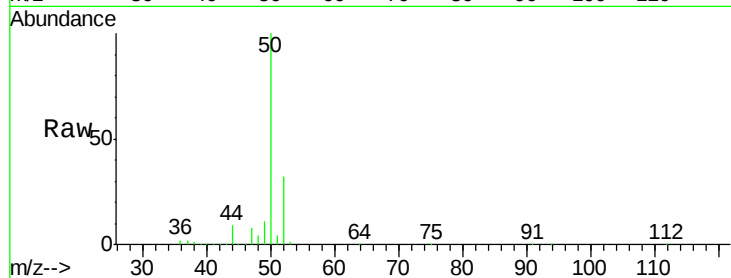
VX0508WBSD01

Tgt Ion: 50 Resp: 62470

Ion Ratio Lower Upper

50 100

52 31.9 26.2 39.4



#4

Vinyl Chloride

Concen: 22.63 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001526.D

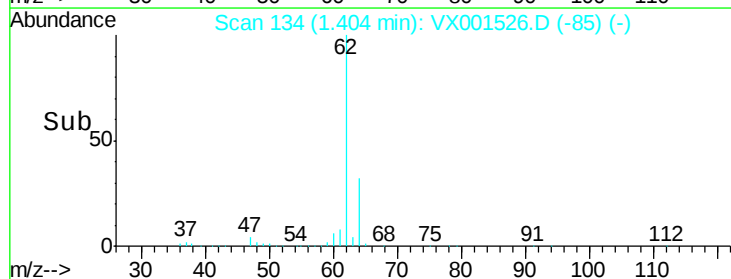
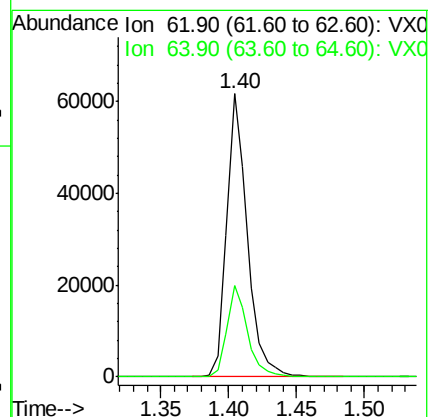
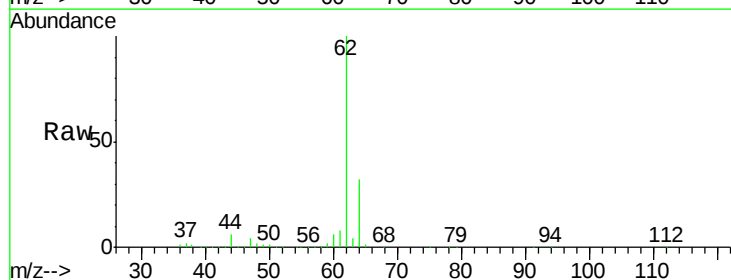
Acq: 08 May 2018 20:41

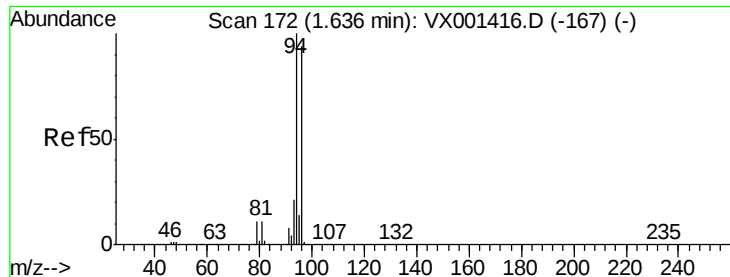
Tgt Ion: 62 Resp: 64882

Ion Ratio Lower Upper

62 100

64 32.1 25.8 38.6





#5

Bromomethane

Concen: 26.12 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

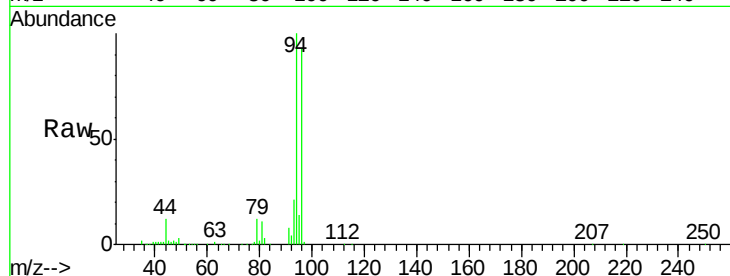
VX0508WBSD01

Tgt Ion: 94 Resp: 36437

Ion Ratio Lower Upper

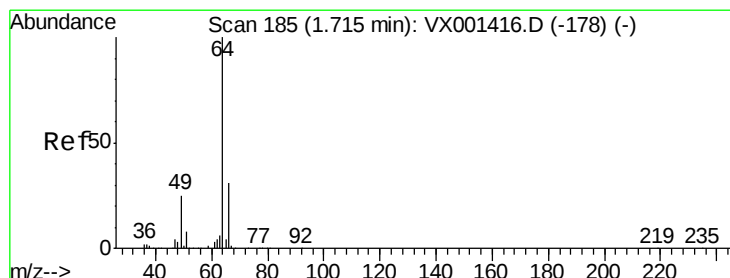
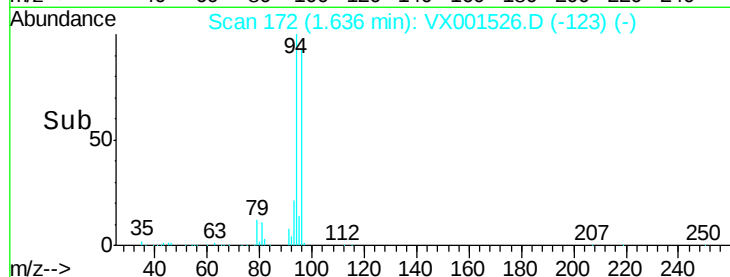
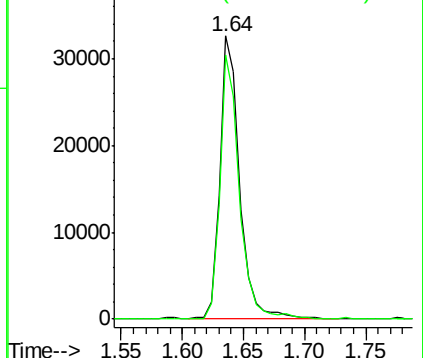
94 100

96 93.6 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: 23.83 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001526.D

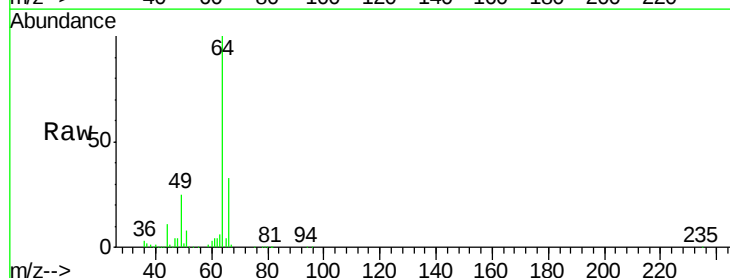
Acq: 08 May 2018 20:41

Tgt Ion: 64 Resp: 45153

Ion Ratio Lower Upper

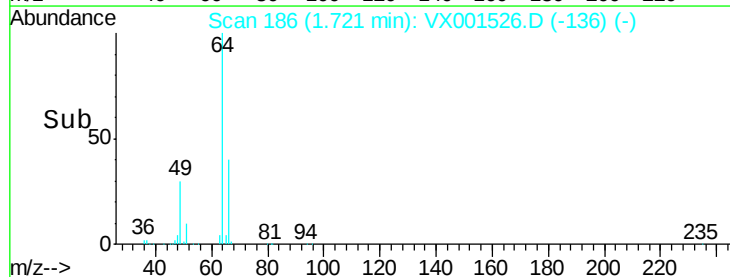
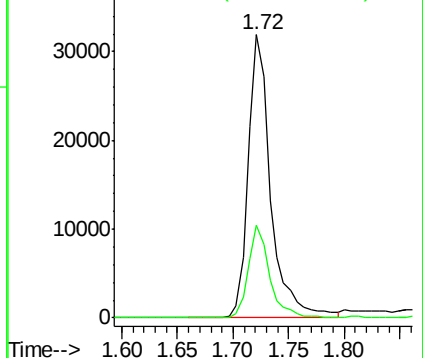
64 100

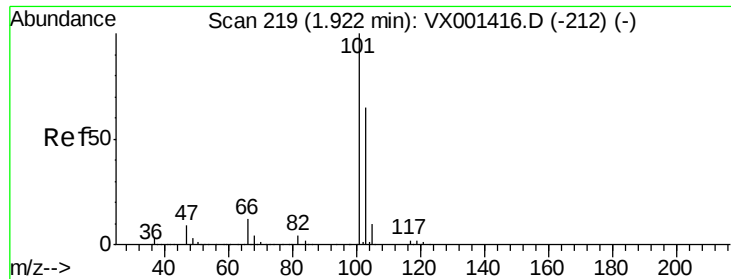
66 32.7 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



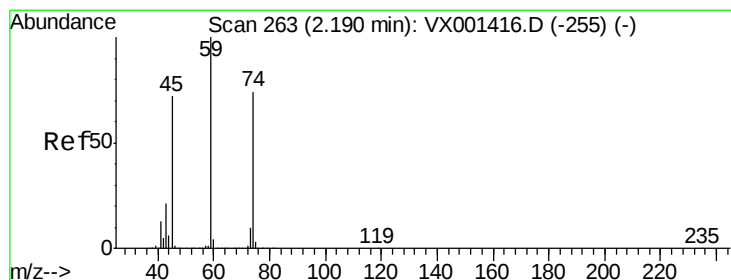
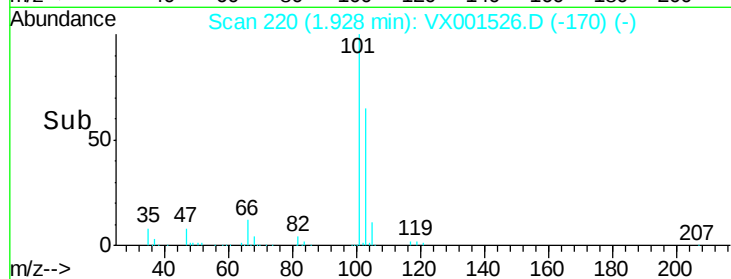
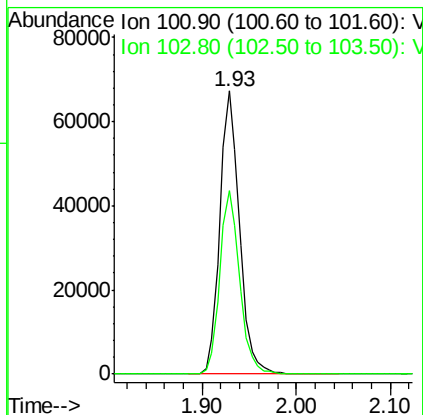
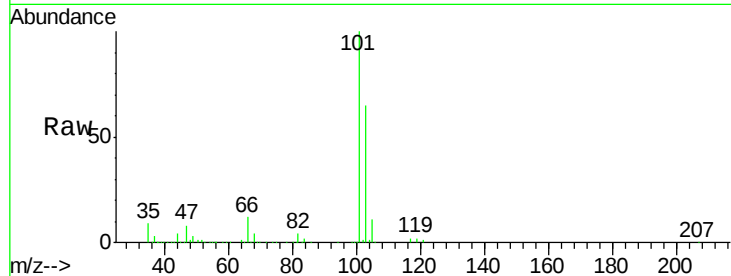


#7

Trichlorofluoromethane
 Concen: 22.57 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Instrument :
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 VX0508WBSD01

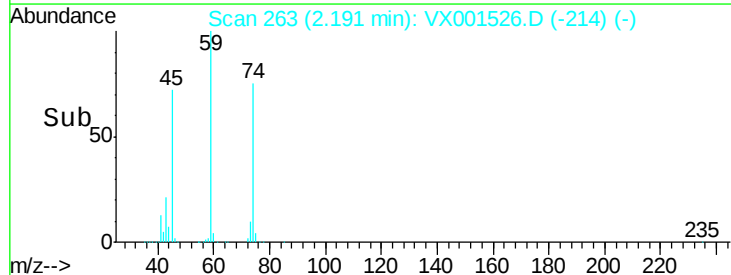
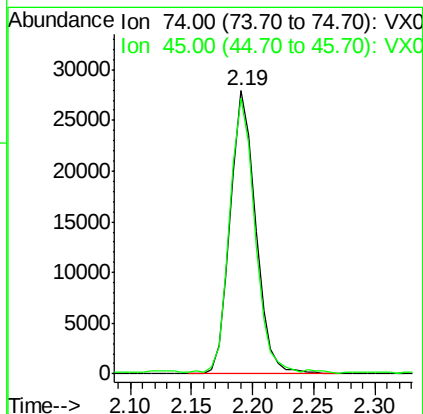
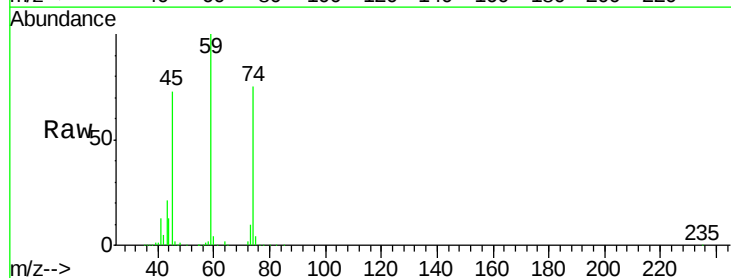
Tgt Ion:101 Resp: 97397
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.0 78.0

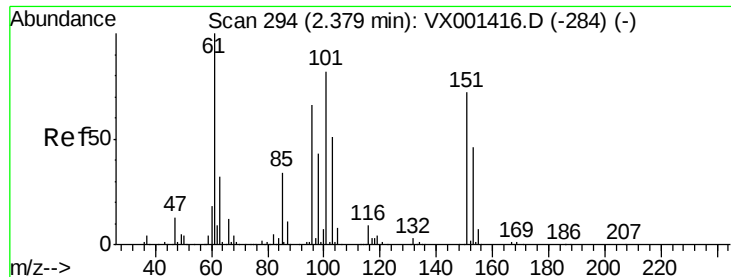


#8

Diethyl Ether
 Concen: 23.72 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Tgt Ion: 74 Resp: 40123
 Ion Ratio Lower Upper
 74 100
 45 96.8 47.9 143.6

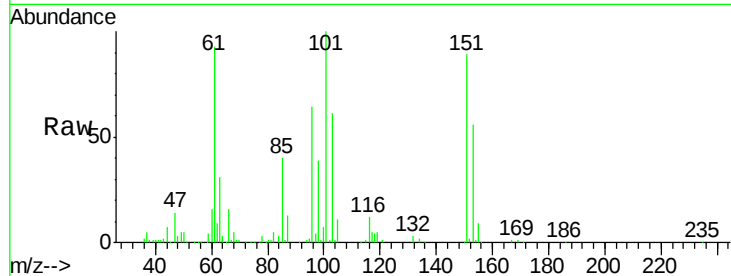




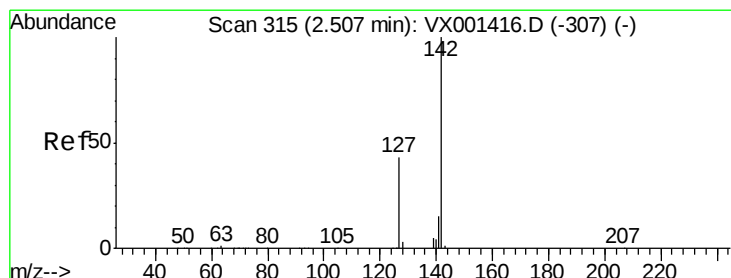
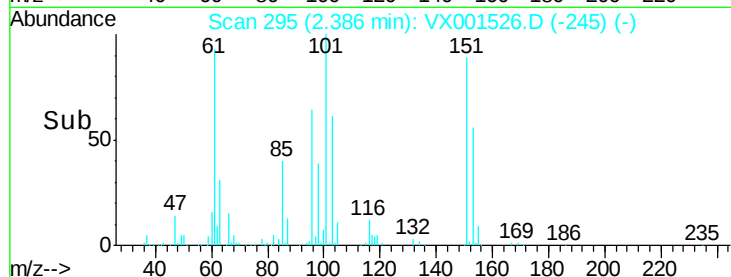
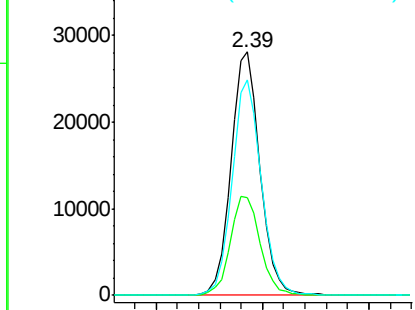
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.14 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

Tgt Ion:101 Resp: 53481
 Ion Ratio Lower Upper
 101 100
 85 42.1 33.7 50.5
 151 89.4 72.3 108.5

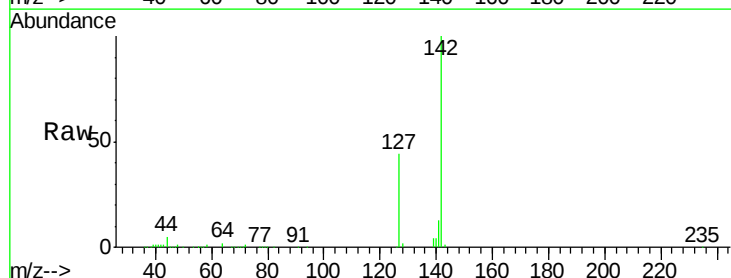


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

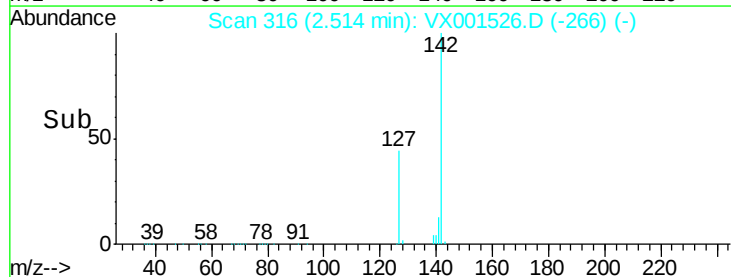
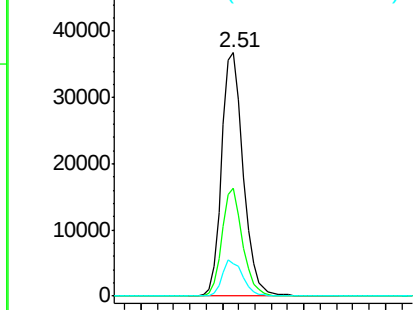


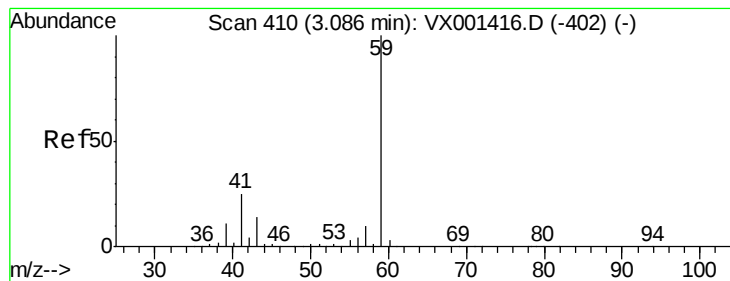
#10
 Methyl Iodide
 Concen: 18.52 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Tgt Ion:142 Resp: 67587
 Ion Ratio Lower Upper
 142 100
 127 42.4 33.6 50.4
 141 14.3 11.4 17.2



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V



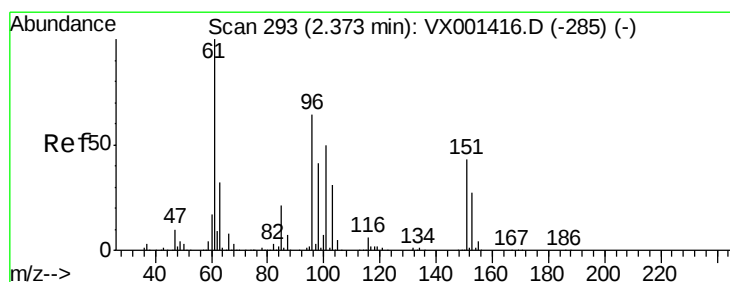
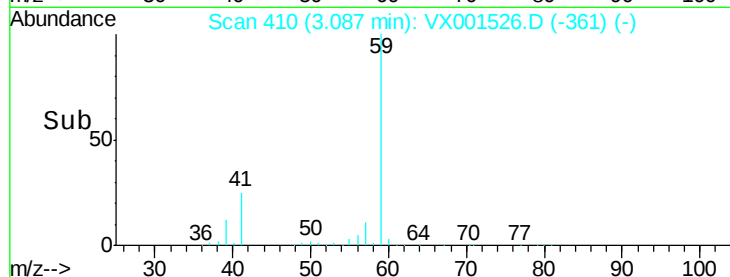
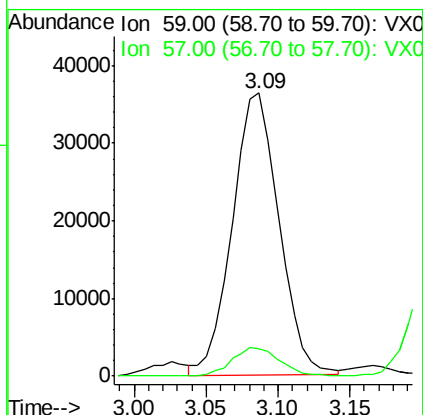
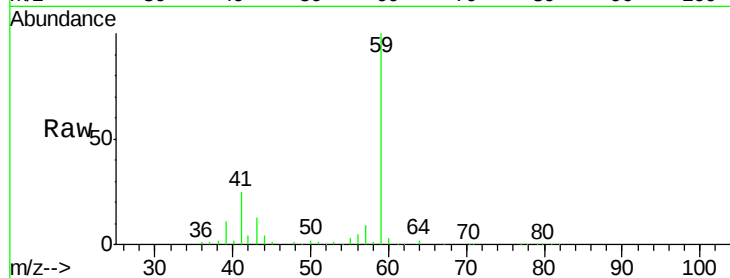


#11

Tert butyl alcohol
 Concen: 129.32 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

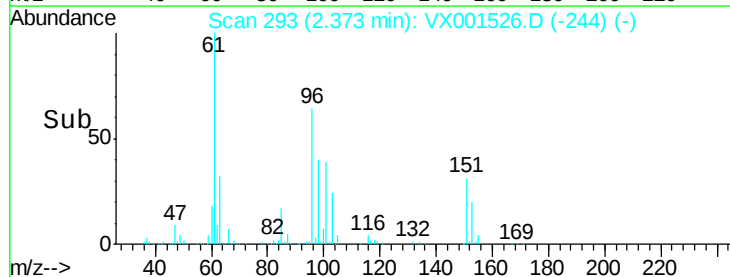
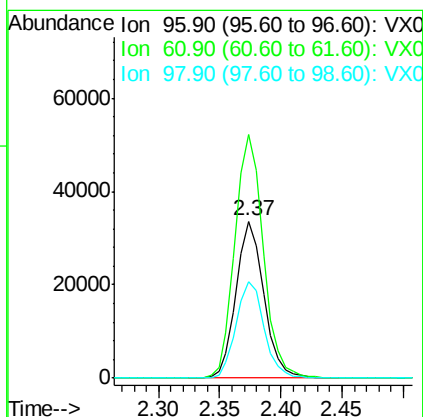
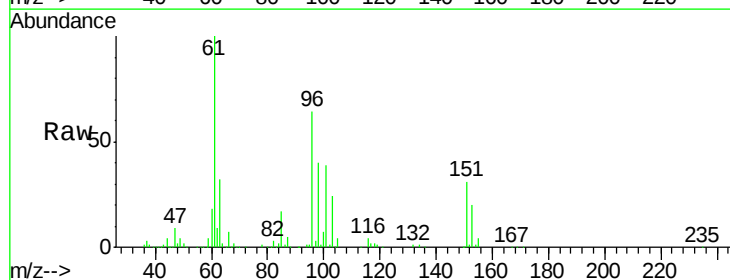
Tgt Ion: 59 Resp: 82117
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.4

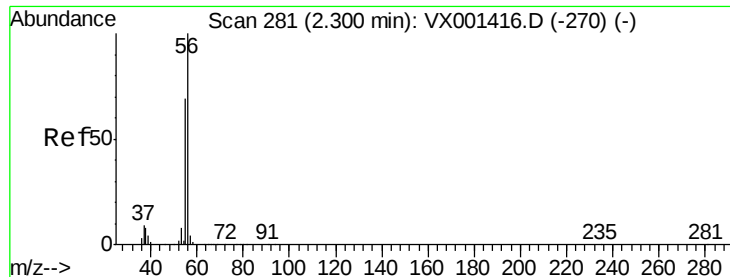


#12

1,1-Dichloroethene
 Concen: 22.80 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Tgt Ion: 96 Resp: 52872
 Ion Ratio Lower Upper
 96 100
 61 155.2 125.7 188.5
 98 61.9 52.0 78.0





#13

Acrolein

Concen: 114.59 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

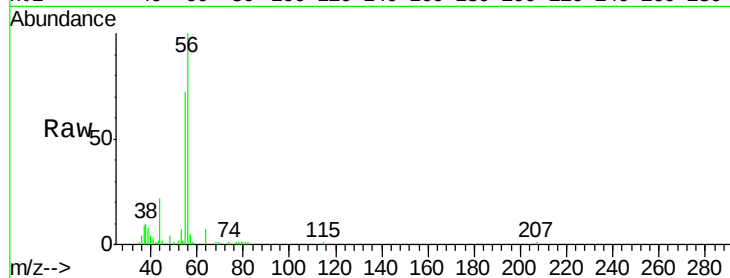
VX0508WBSD01

Tgt Ion: 56 Resp: 15135

Ion Ratio Lower Upper

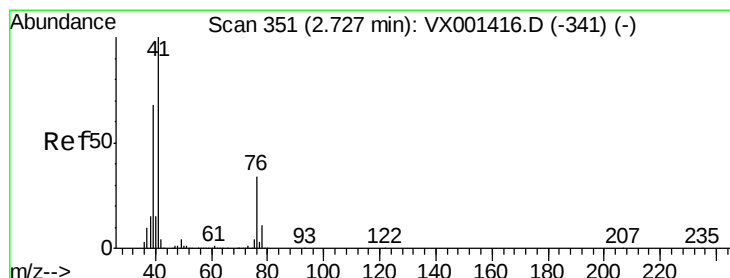
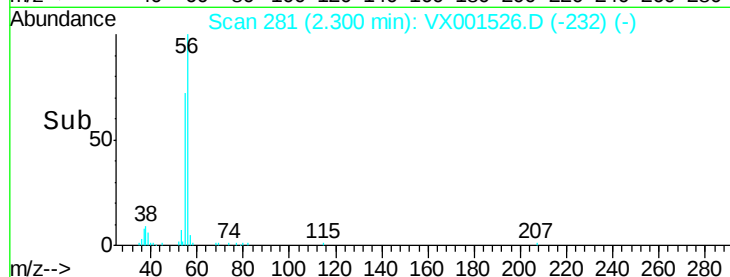
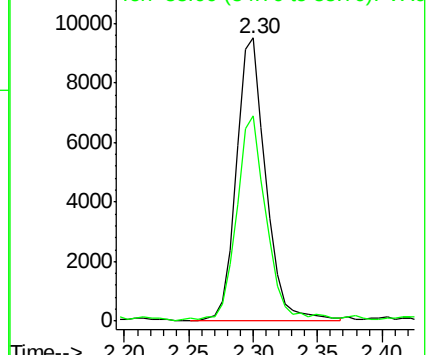
56 100

55 73.9 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: 23.15 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

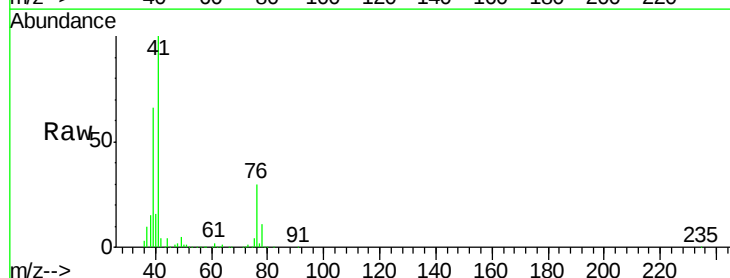
Tgt Ion: 41 Resp: 100090

Ion Ratio Lower Upper

41 100

39 64.6 52.4 78.6

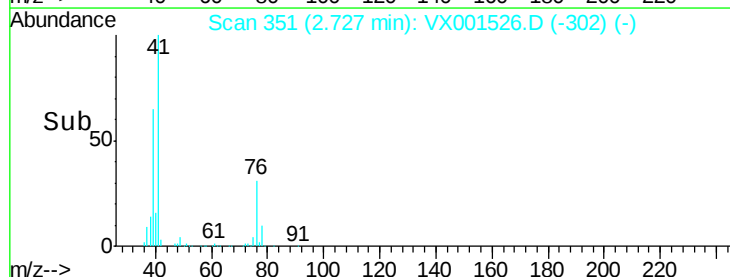
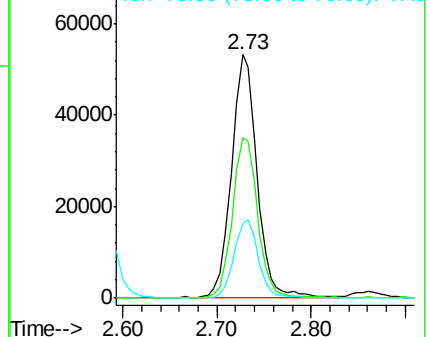
76 30.2 25.8 38.6

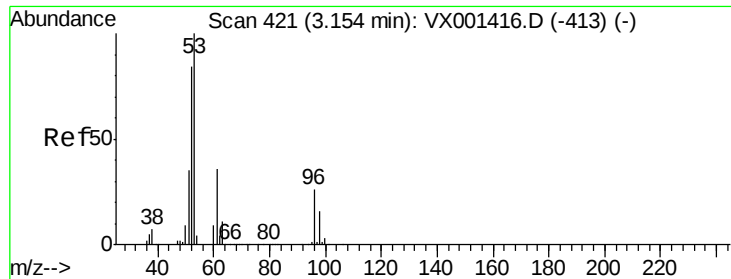


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

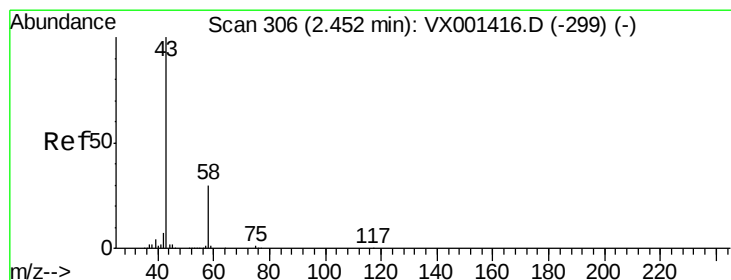
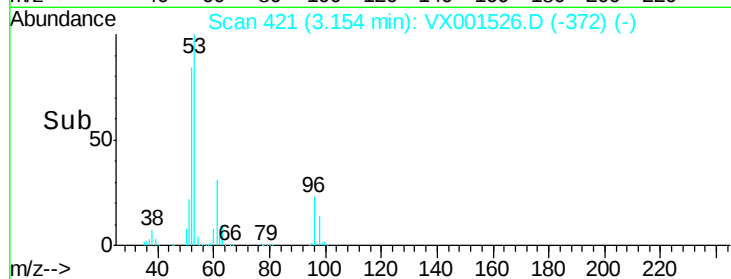
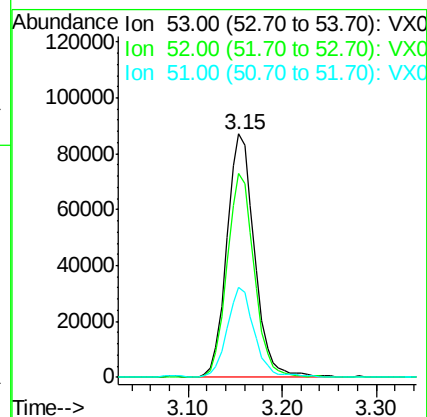
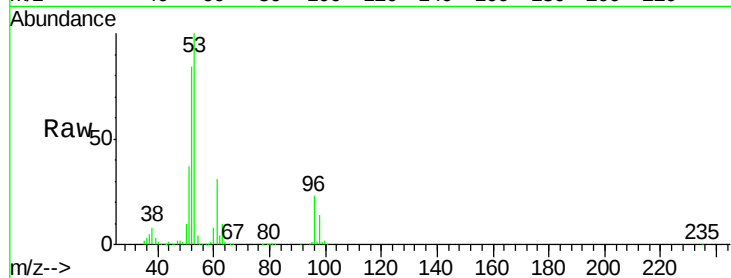




#15
 Acrylonitrile
 Concen: 122.92 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

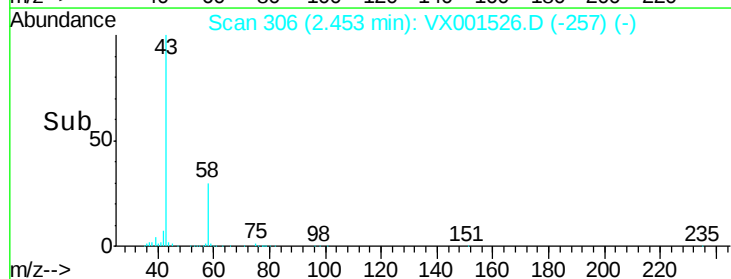
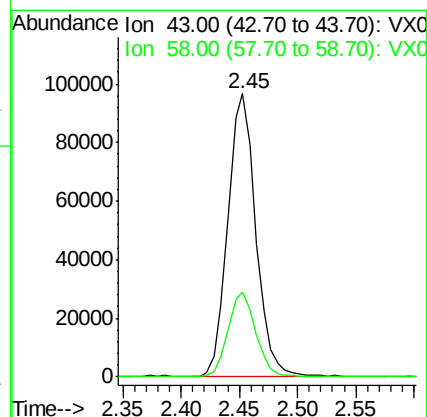
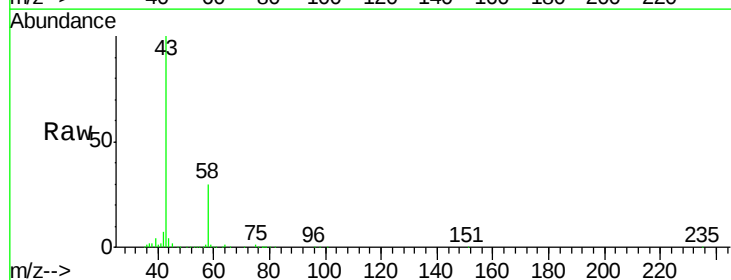
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

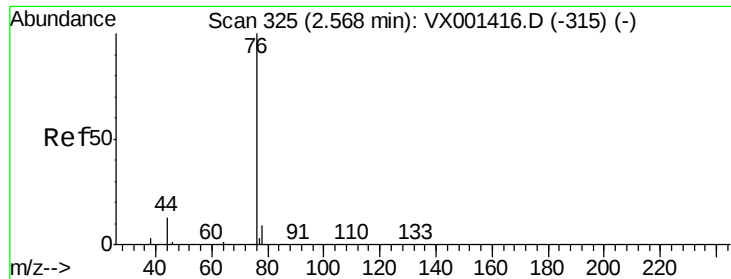
Tgt Ion: 53 Resp: 176378
 Ion Ratio Lower Upper
 53 100
 52 82.4 66.2 99.2
 51 36.4 28.6 43.0



#16
 Acetone
 Concen: 117.05 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Tgt Ion: 43 Resp: 160075
 Ion Ratio Lower Upper
 43 100
 58 30.1 23.8 35.8

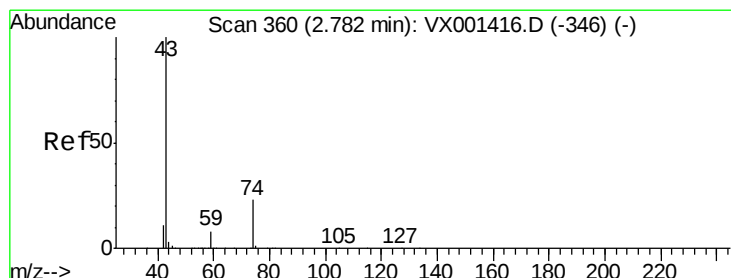
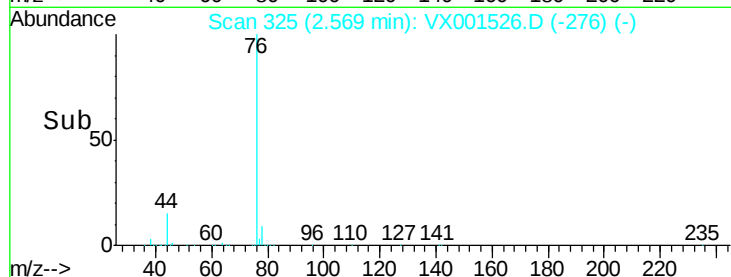
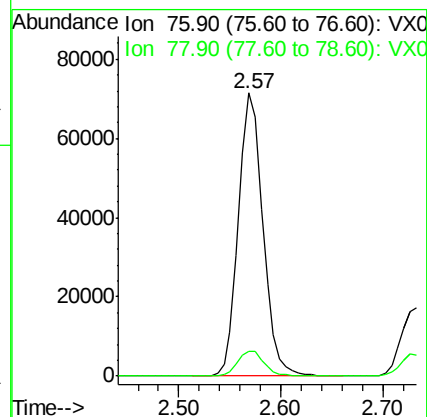
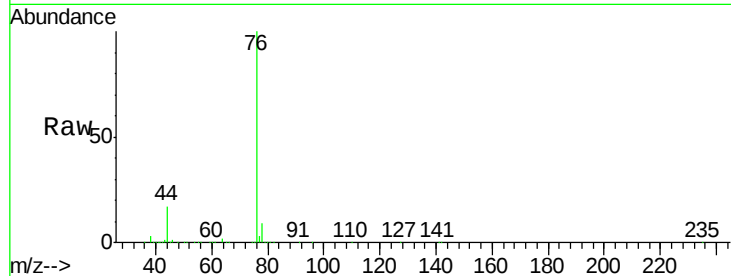




#17
Carbon Disulfide
Concen: 20.12 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

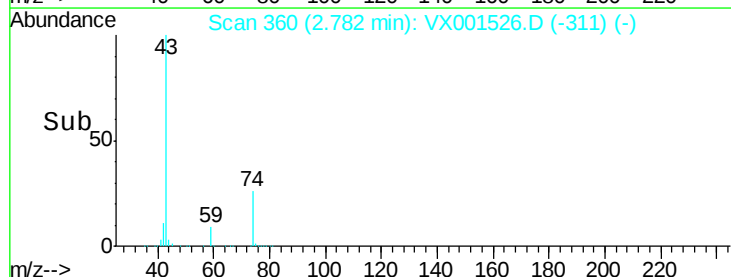
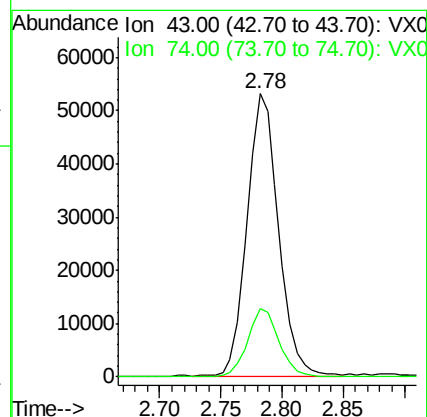
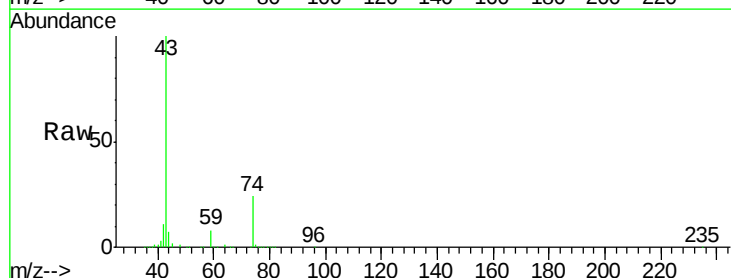
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

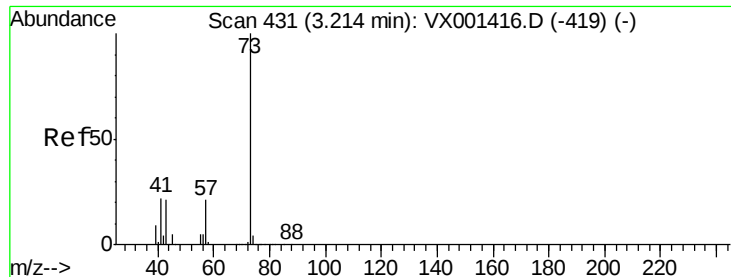
Tgt Ion: 76 Resp: 118698
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#18
Methyl Acetate
Concen: 26.26 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Tgt Ion: 43 Resp: 94350
Ion Ratio Lower Upper
43 100
74 24.6 18.6 27.8

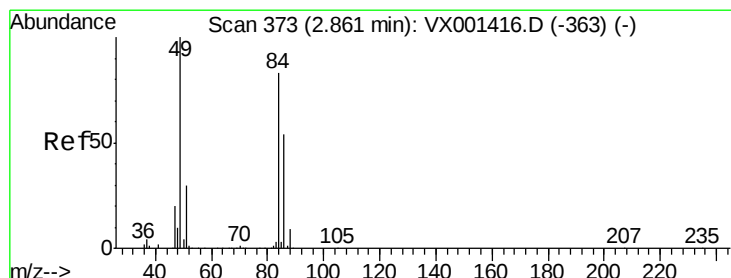
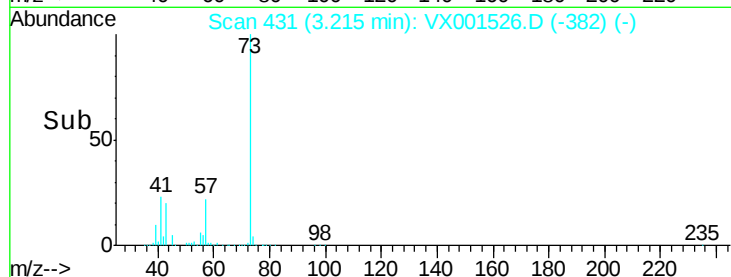
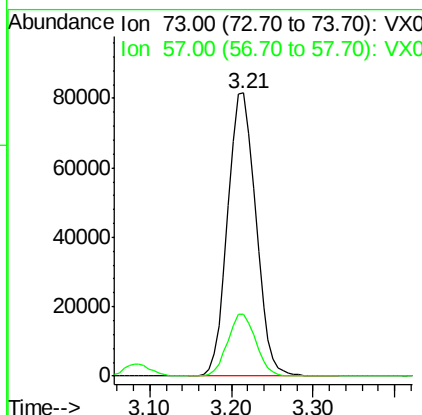
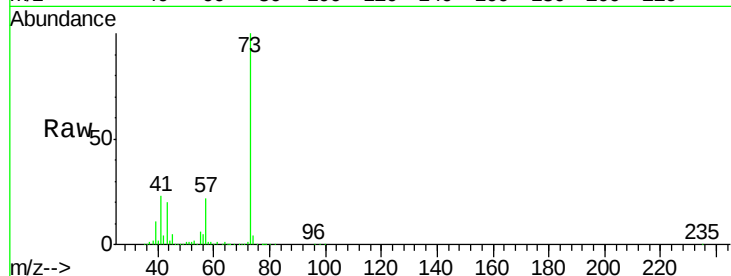




#19
Methyl tert-butyl Ether
Concen: 24.19 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

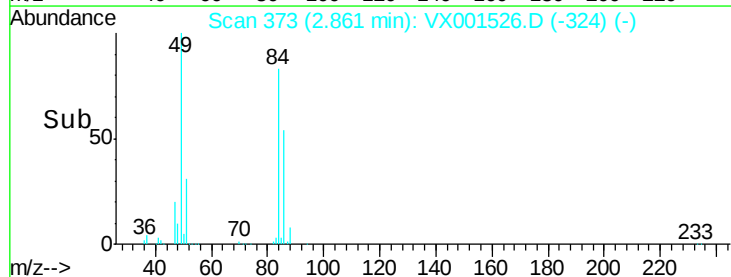
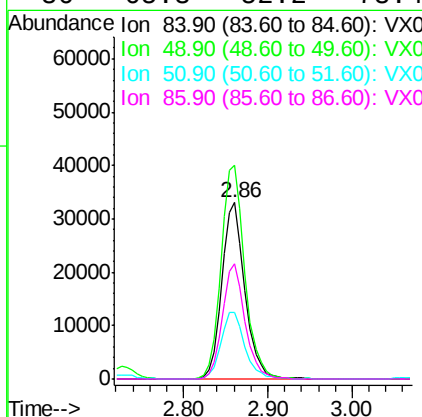
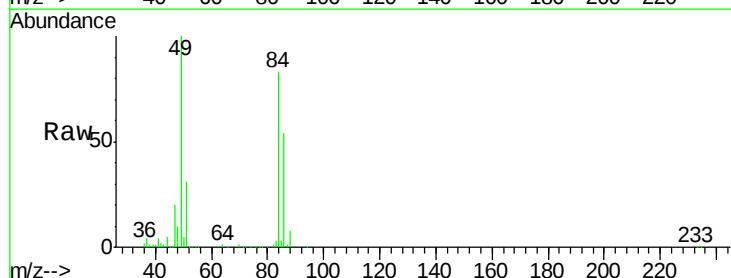
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

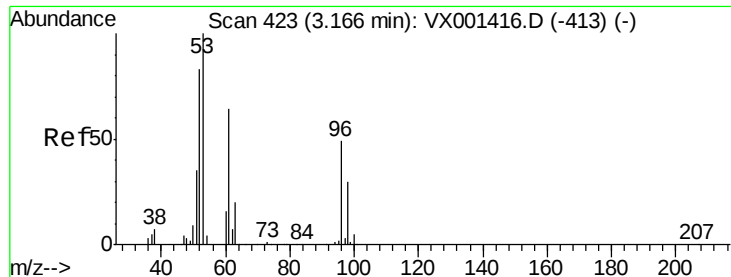
Tgt Ion: 73 Resp: 195270
Ion Ratio Lower Upper
73 100
57 21.8 17.0 25.6



#20
Methylene Chloride
Concen: 22.94 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Tgt Ion: 84 Resp: 62112
Ion Ratio Lower Upper
84 100
49 121.1 96.6 144.8
51 37.6 29.0 43.4
86 65.3 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 22.08 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

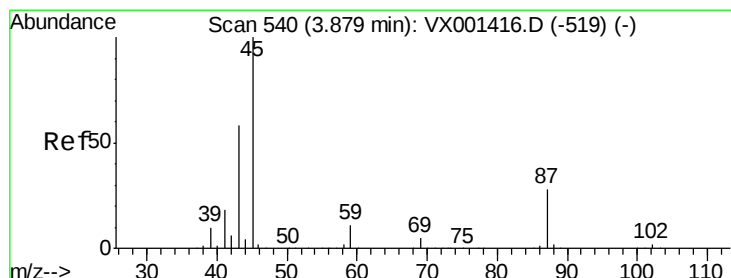
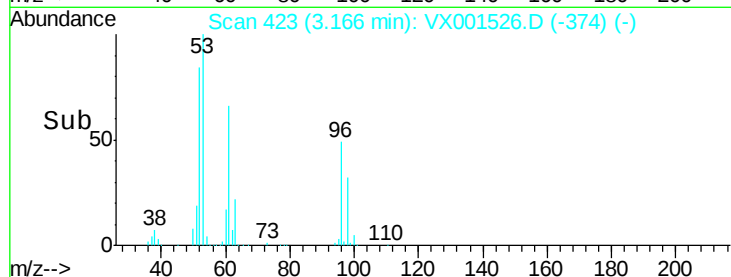
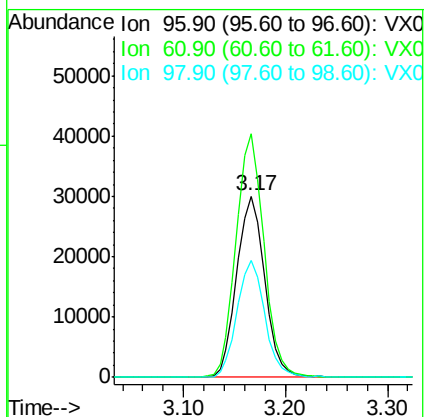
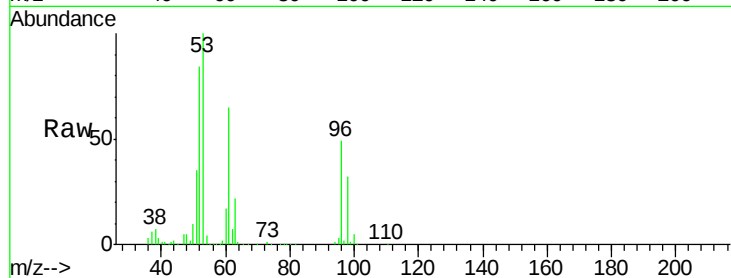
Tgt Ion: 96 Resp: 57139

Ion Ratio Lower Upper

96 100

61 134.1 105.0 157.4

98 64.8 49.9 74.9



#22

Diisopropyl ether

Concen: 22.58 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Tgt Ion: 45 Resp: 182351

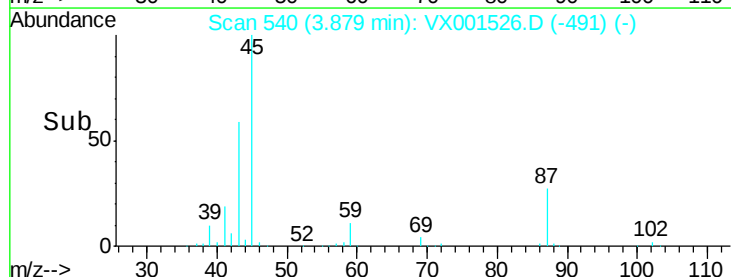
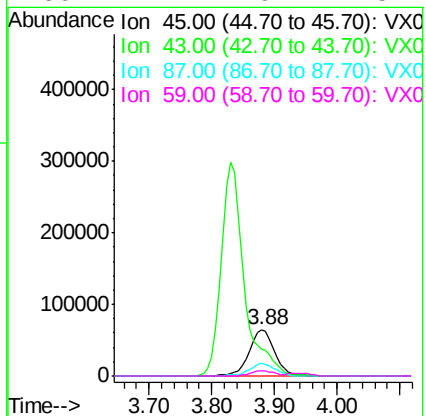
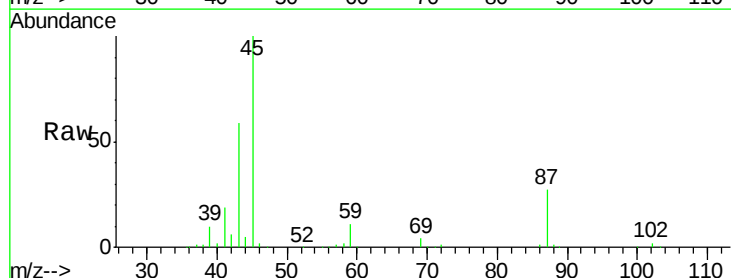
Ion Ratio Lower Upper

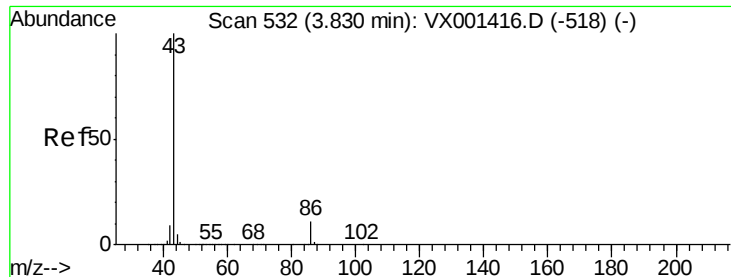
45 100

43 59.0 46.5 69.7

87 26.6 22.6 34.0

59 11.2 9.1 13.7





#23

Vinyl Acetate

Concen: 112.95 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

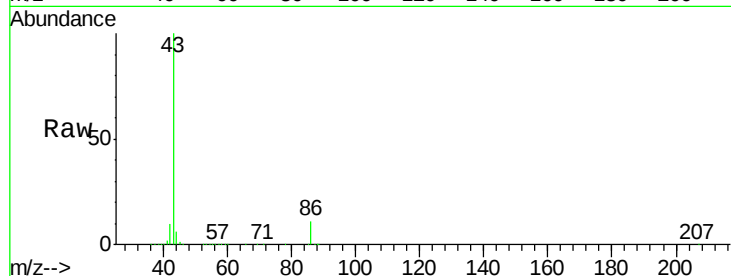
VX0508WBSD01

Tgt Ion: 43 Resp: 760304

Ion Ratio Lower Upper

43 100

86 10.6 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

300000

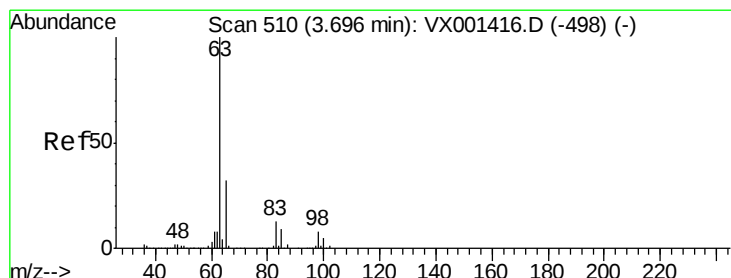
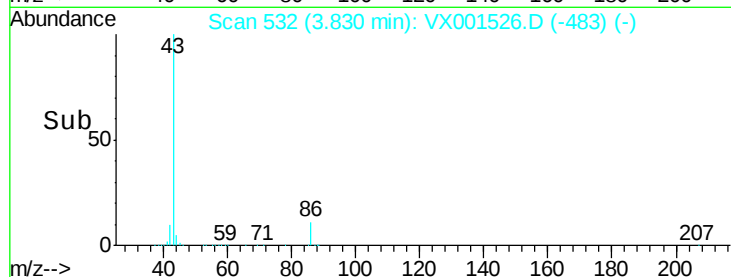
200000

100000

0

Time-->

3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 24.25 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

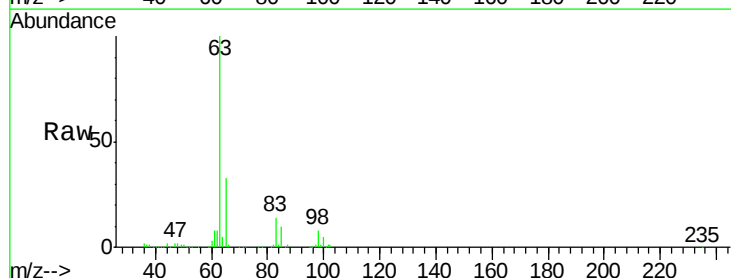
Tgt Ion: 63 Resp: 109430

Ion Ratio Lower Upper

63 100

98 7.9 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

60000

50000

40000

30000

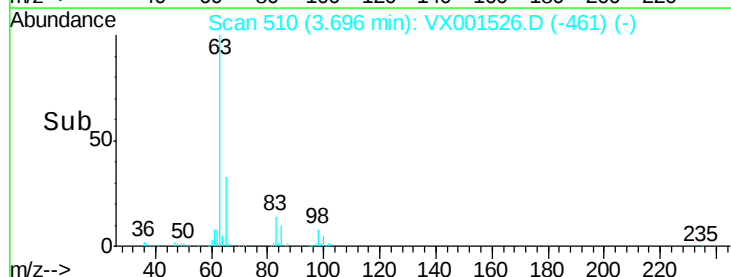
20000

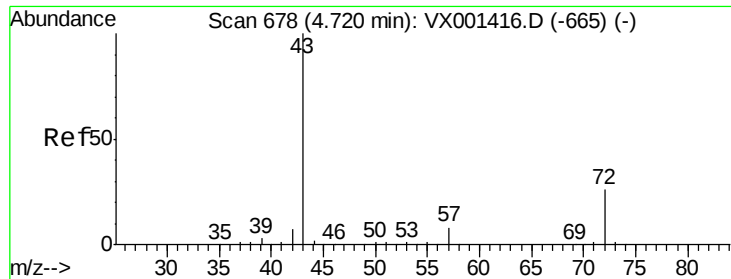
10000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 119.52 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

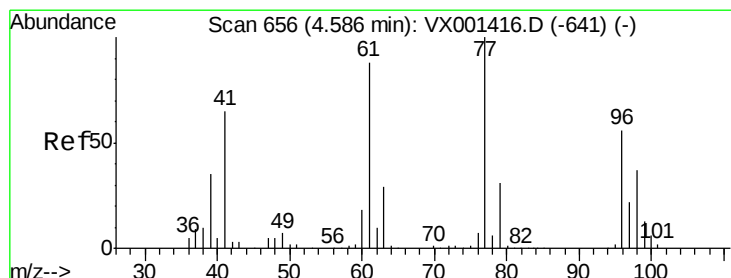
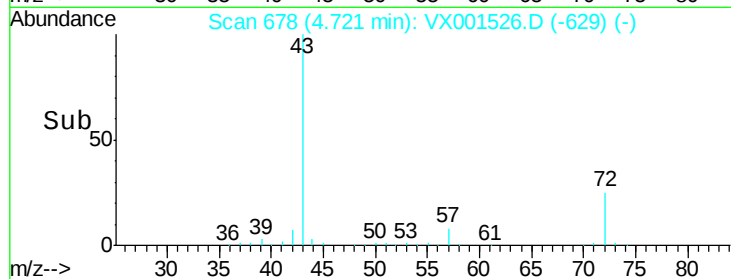
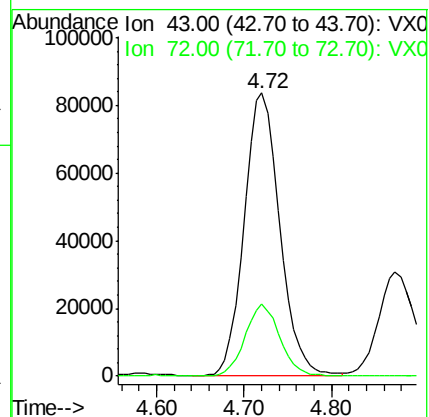
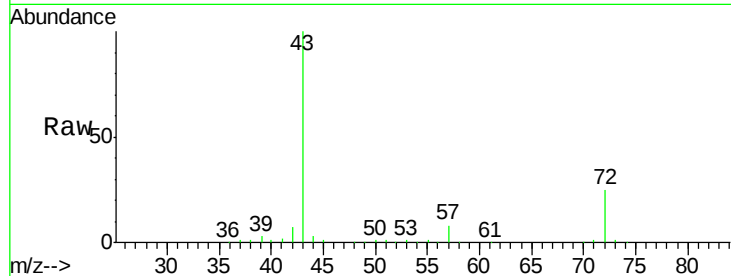
VX0508WBSD01

Tgt Ion: 43 Resp: 236269

Ion Ratio Lower Upper

43 100

72 25.5 20.7 31.1



#26

2,2-Dichloropropane

Concen: 17.25 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001526.D

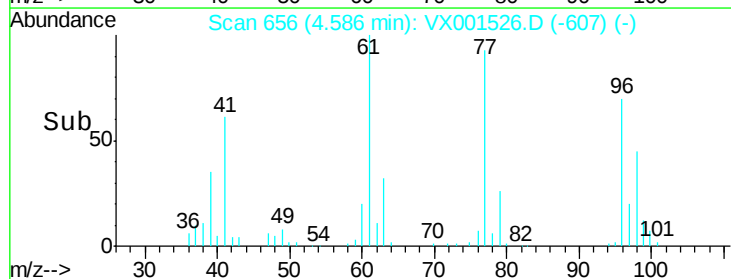
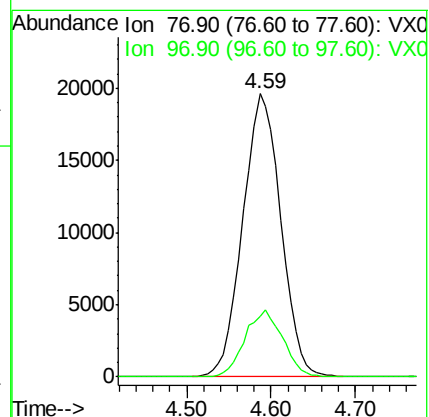
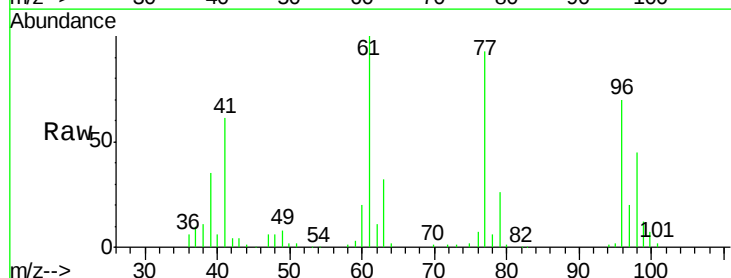
Acq: 08 May 2018 20:41

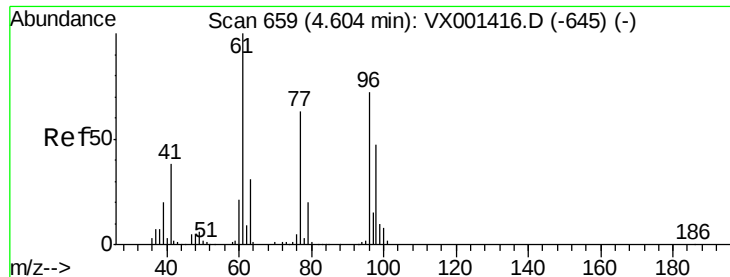
Tgt Ion: 77 Resp: 60096

Ion Ratio Lower Upper

77 100

97 23.6 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 22.61 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

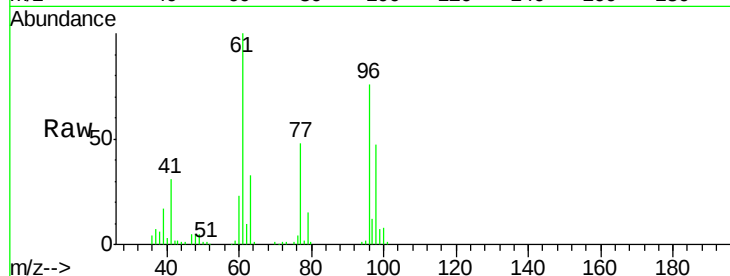
Tgt Ion: 96 Resp: 62311

Ion Ratio Lower Upper

96 100

61 144.6 0.0 301.6

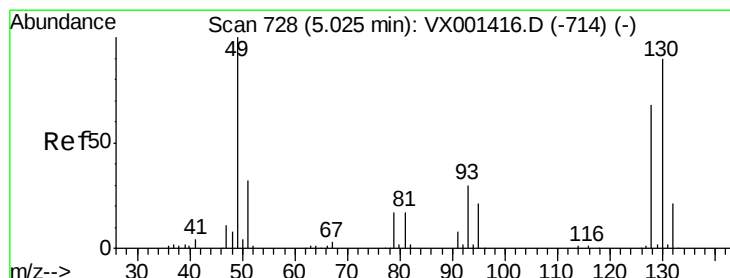
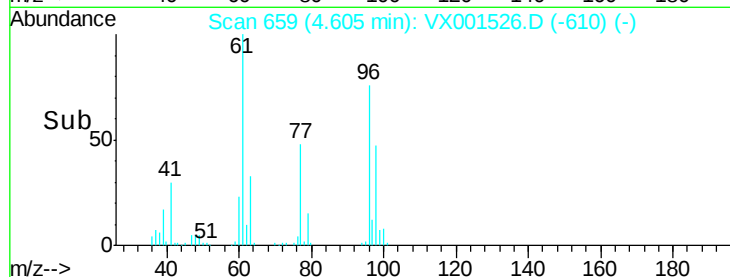
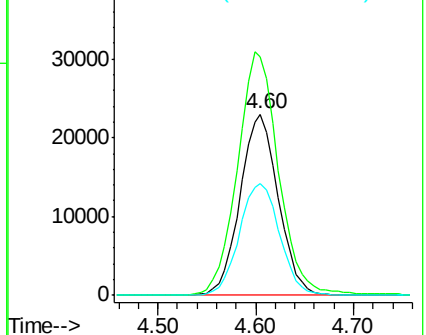
98 65.1 0.0 131.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 24.62 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

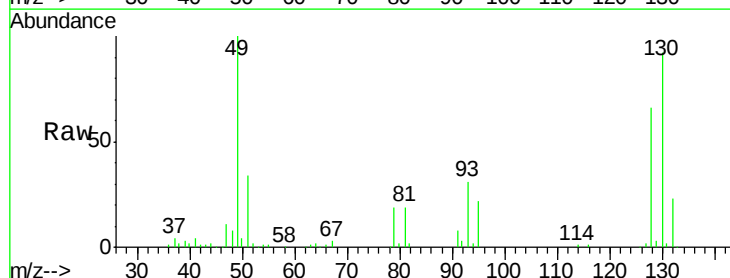
Tgt Ion: 49 Resp: 48166

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.8

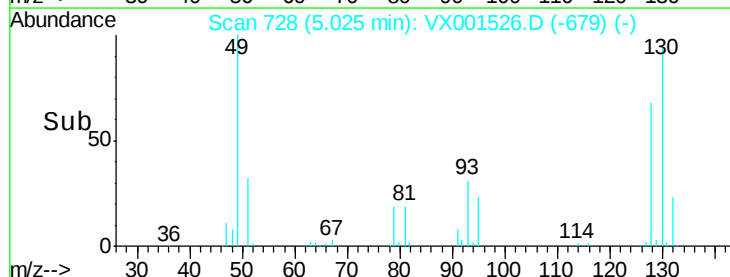
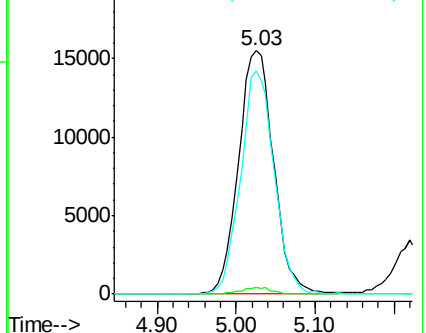
130 87.2 71.9 107.9

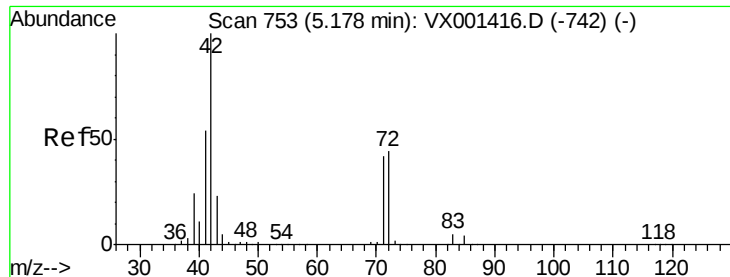


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 119.66 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

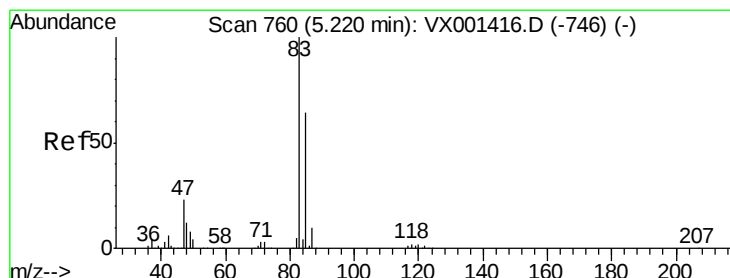
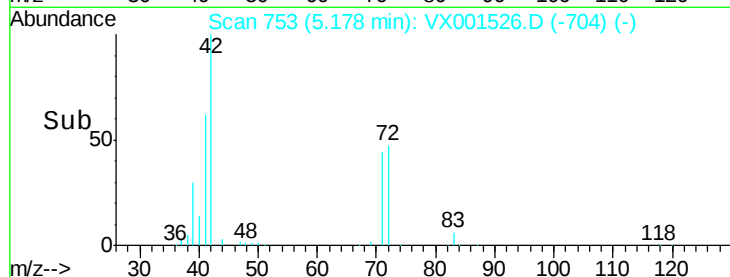
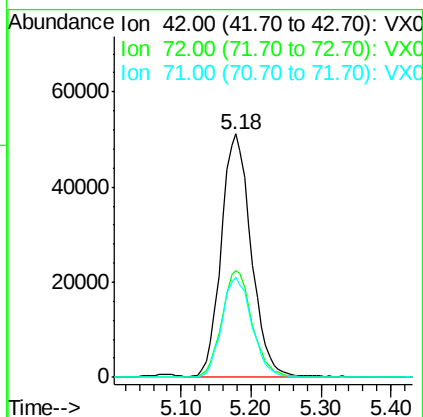
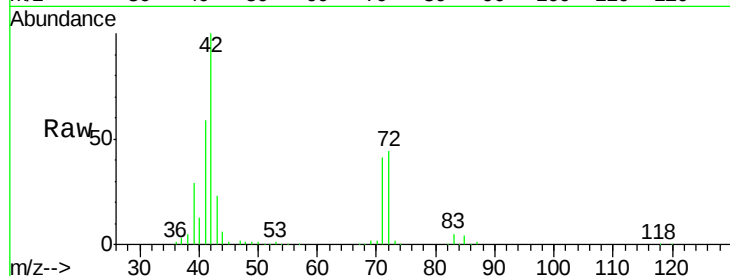
Tgt Ion: 42 Resp: 151343

Ion Ratio Lower Upper

42 100

72 44.5 35.4 53.2

71 41.4 33.0 49.4



#30

Chloroform

Concen: 23.80 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001526.D

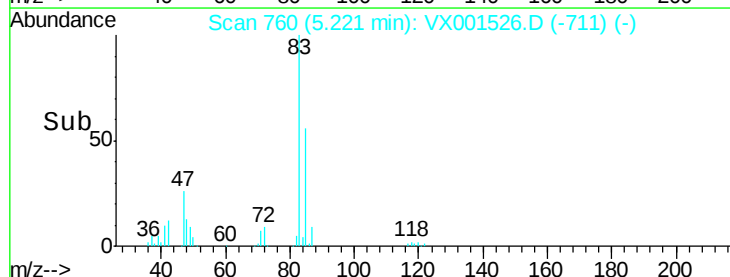
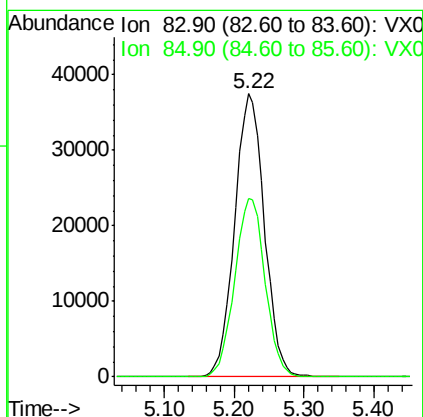
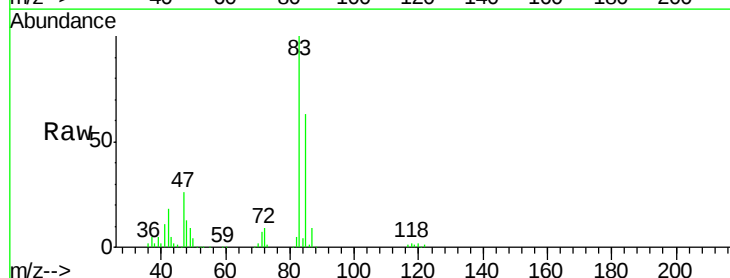
Acq: 08 May 2018 20:41

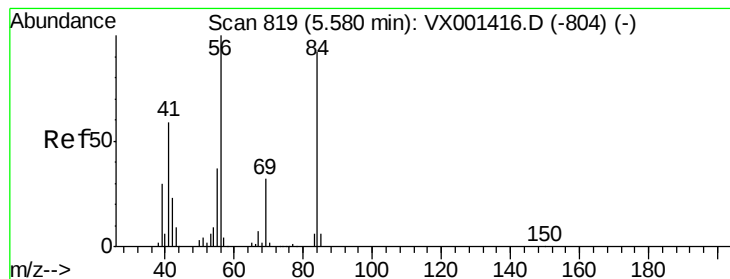
Tgt Ion: 83 Resp: 110636

Ion Ratio Lower Upper

83 100

85 63.0 51.0 76.4





#31

Cyclohexane

Concen: 19.87 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

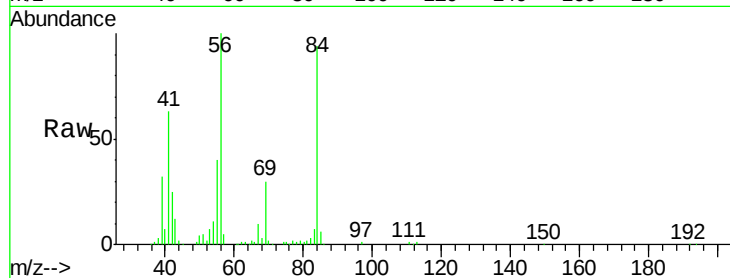
Tgt Ion: 56 Resp: 77020

Ion Ratio Lower Upper

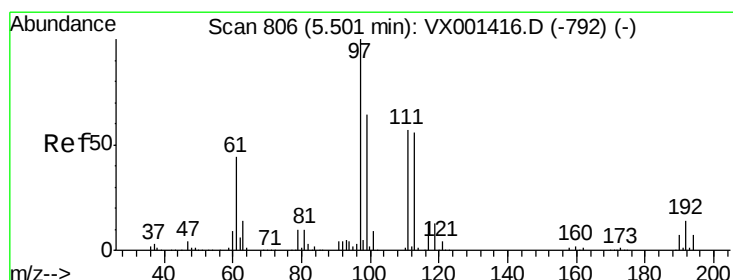
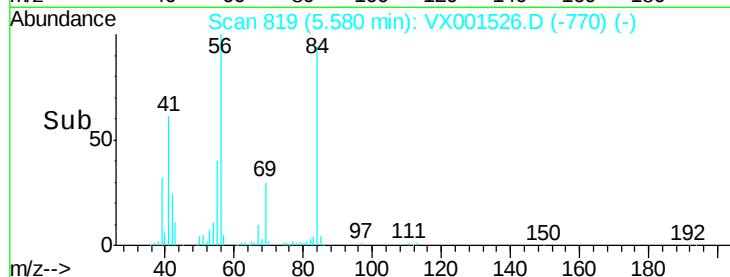
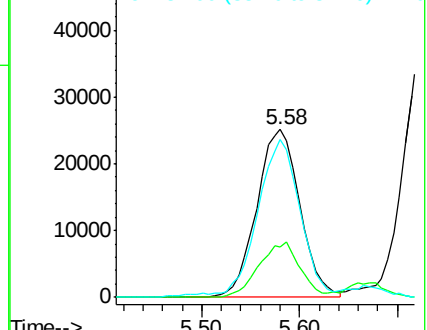
56 100

69 29.7 25.4 38.0

84 92.1 73.8 110.8



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



#32

1,1,1-Trichloroethane

Concen: 23.01 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

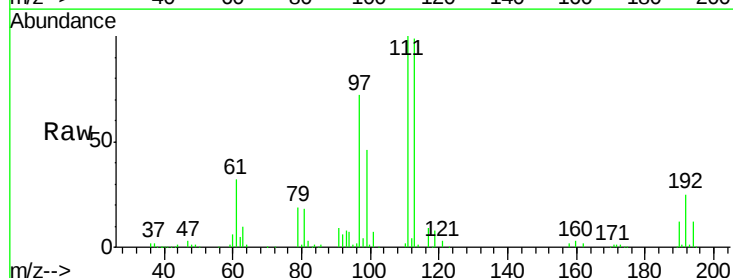
Tgt Ion: 97 Resp: 93485

Ion Ratio Lower Upper

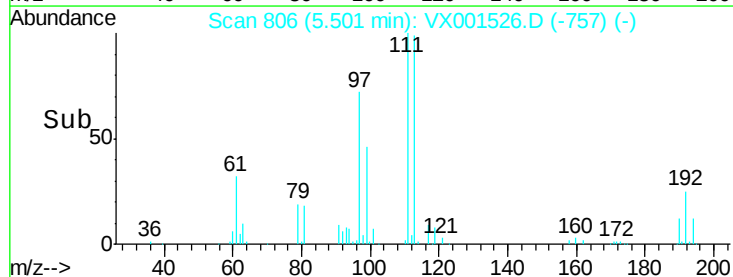
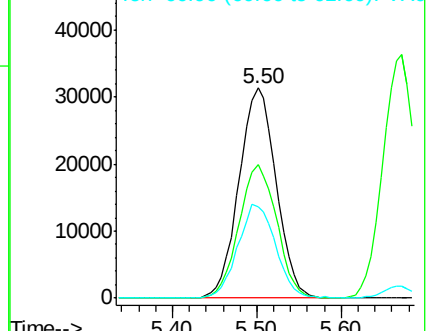
97 100

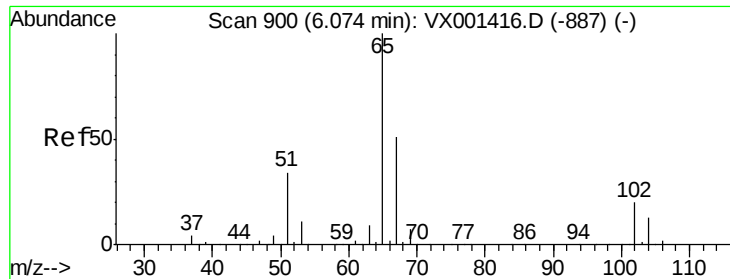
99 64.4 51.3 76.9

61 45.5 34.8 52.2



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

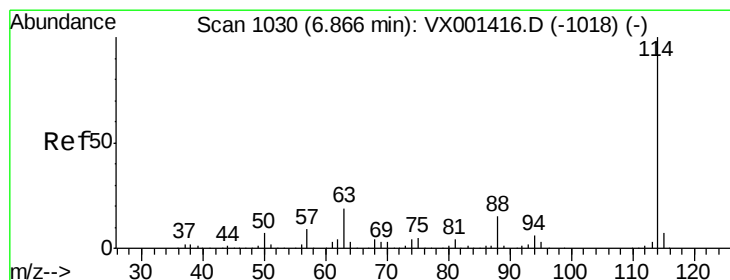
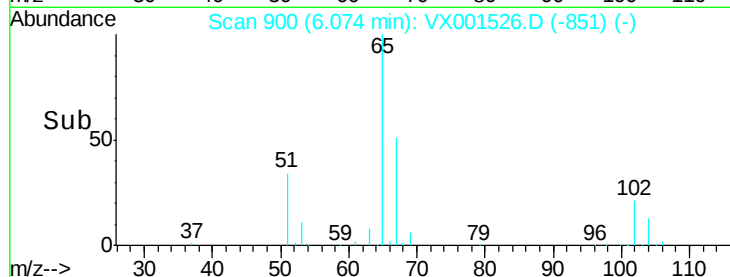
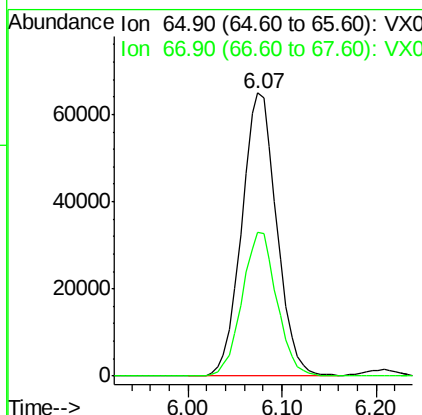
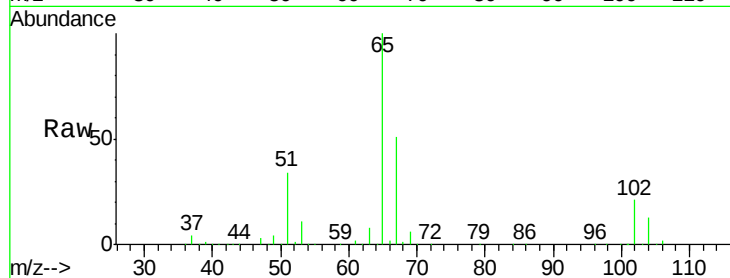




#33
 1,2-Dichloroethane-d4
 Concen: 55.98 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

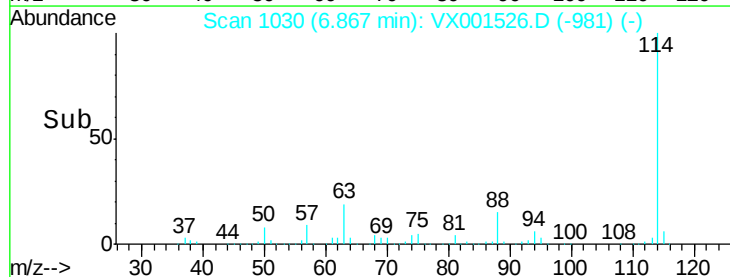
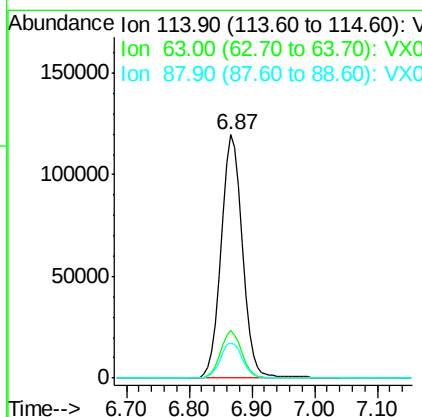
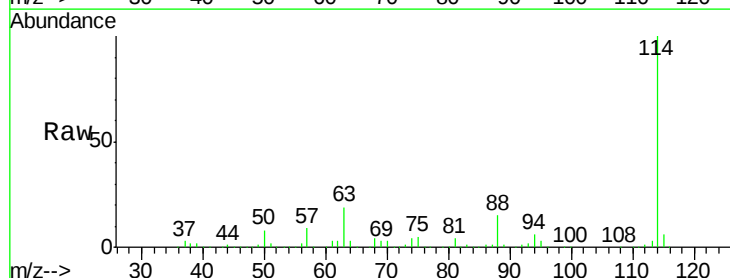
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

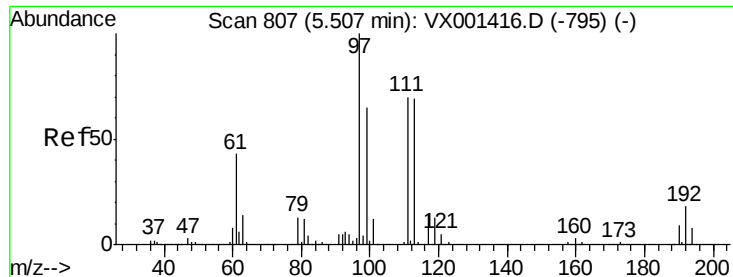
Tgt Ion: 65 Resp: 168597
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Tgt Ion: 114 Resp: 282763
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.6
 88 14.5 0.0 30.8

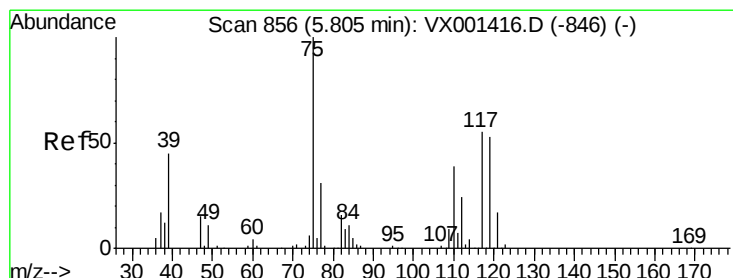
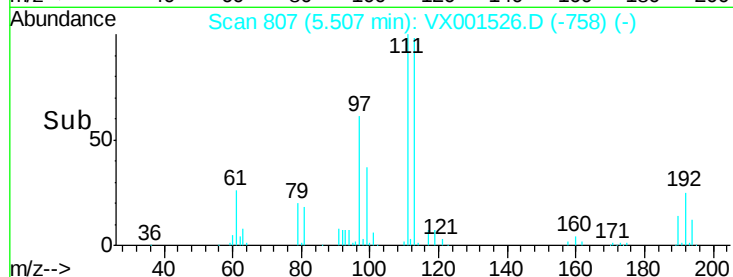
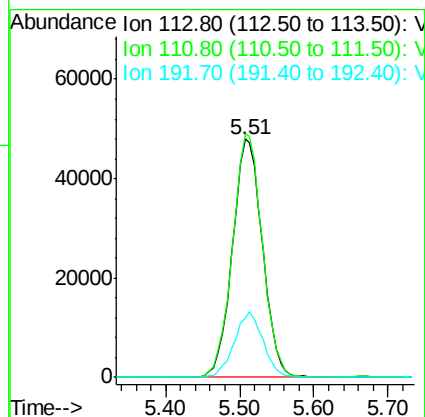
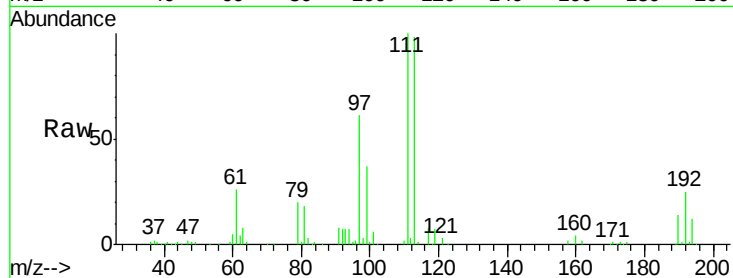




#35
 Dibromofluoromethane
 Concen: 53.83 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

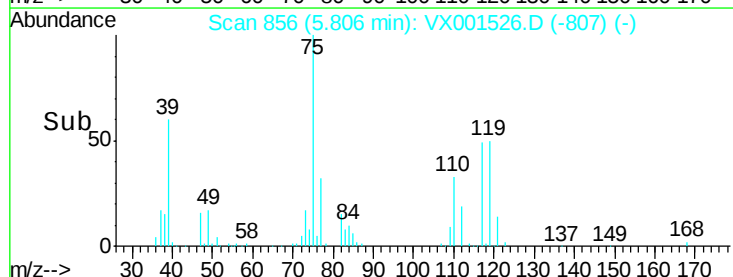
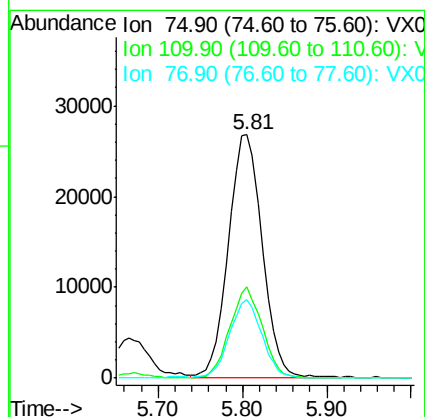
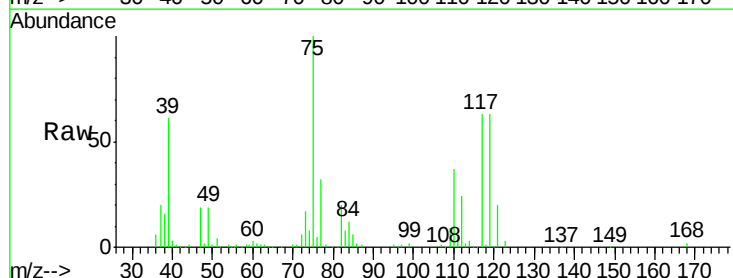
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

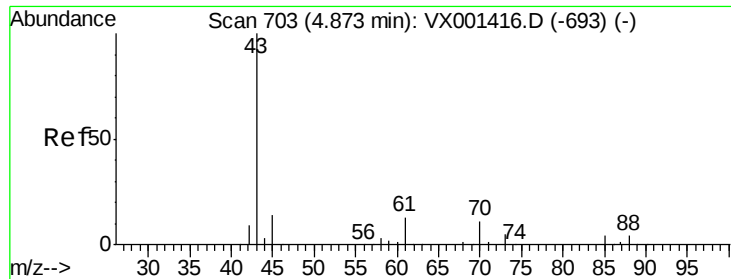
Tgt Ion:113 Resp: 135392
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.2 123.2
 192 26.4 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 20.17 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Tgt Ion: 75 Resp: 72537
 Ion Ratio Lower Upper
 75 100
 110 36.1 18.9 56.7
 77 30.8 24.9 37.3

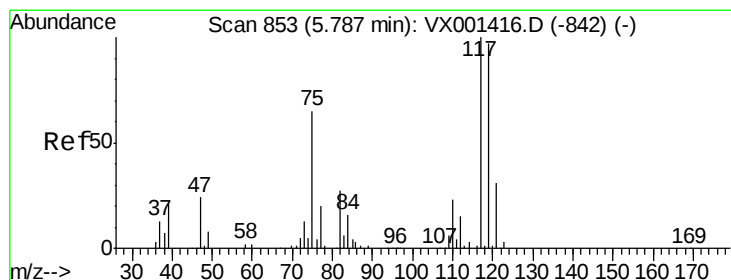
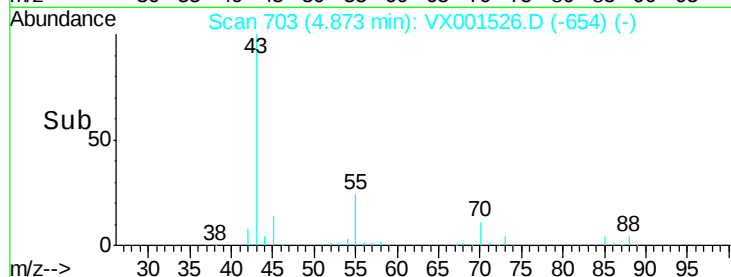
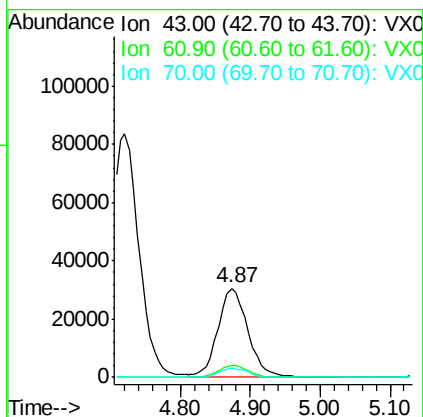
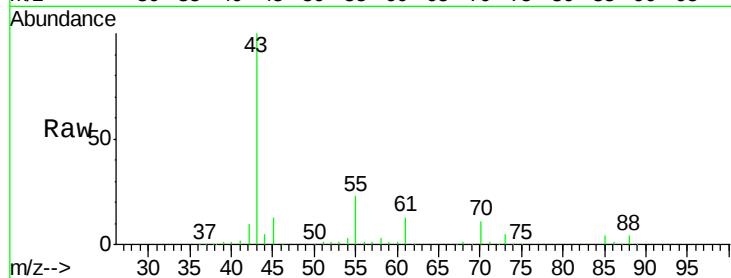




#37
Ethyl Acetate
Concen: 22.83 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

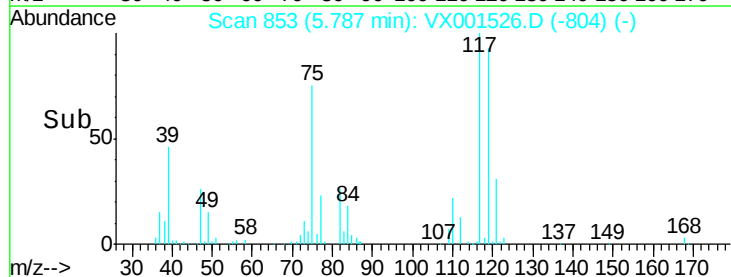
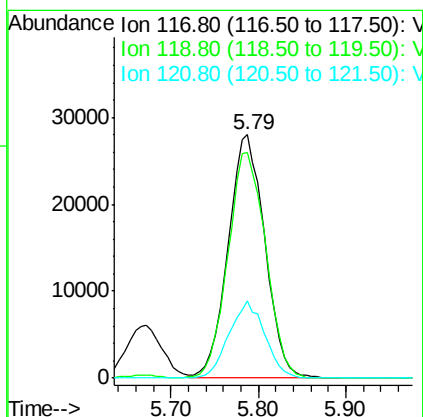
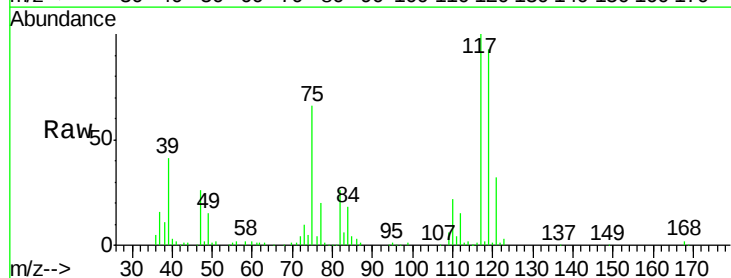
Instrument :
MSVOA_X
ClientSampled :
VX0508WBSD01

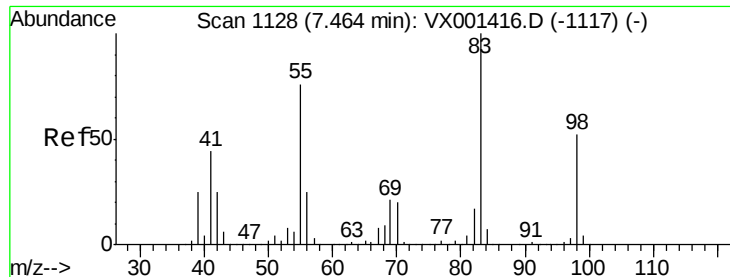
Tgt Ion: 43 Resp: 90009
Ion Ratio Lower Upper
43 100
61 13.6 10.7 16.1
70 10.3 8.4 12.6



#38
Carbon Tetrachloride
Concen: 21.28 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Tgt Ion: 117 Resp: 81623
Ion Ratio Lower Upper
117 100
119 92.9 77.0 115.6
121 31.8 25.1 37.7

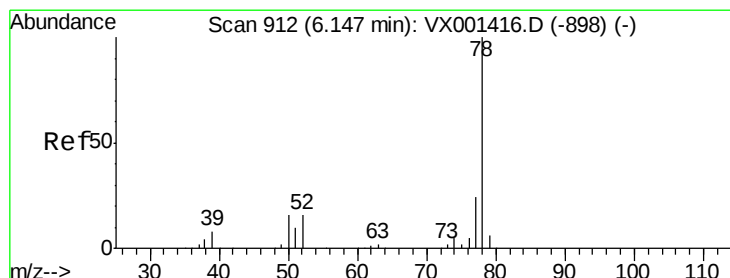
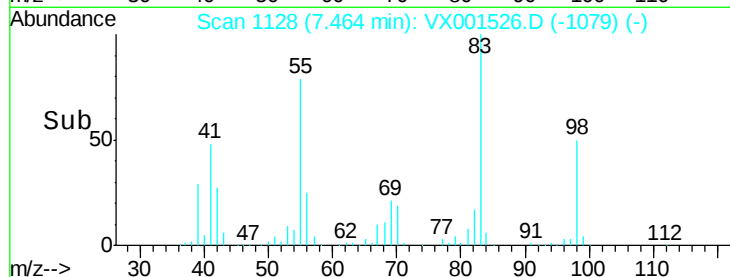
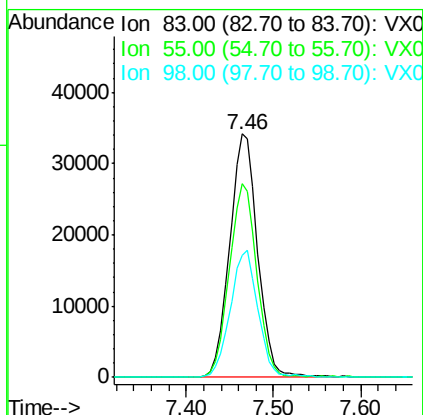
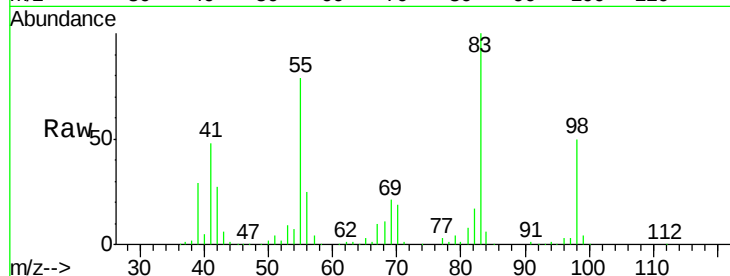




#39
Methylcyclohexane
Concen: 17.90 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

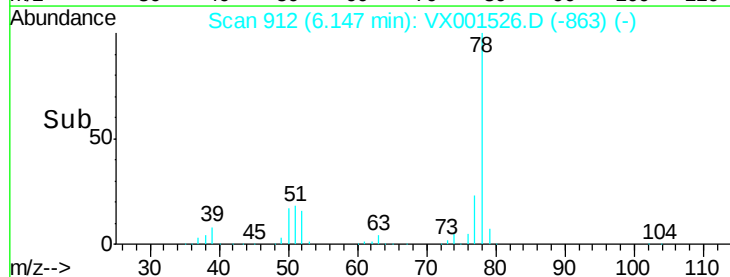
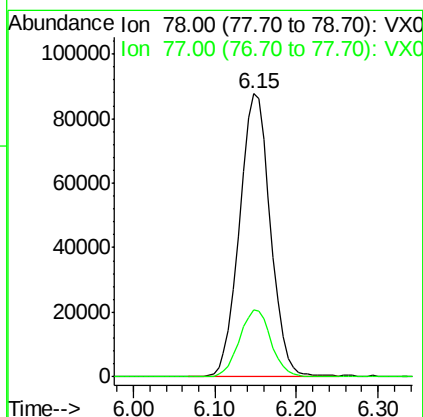
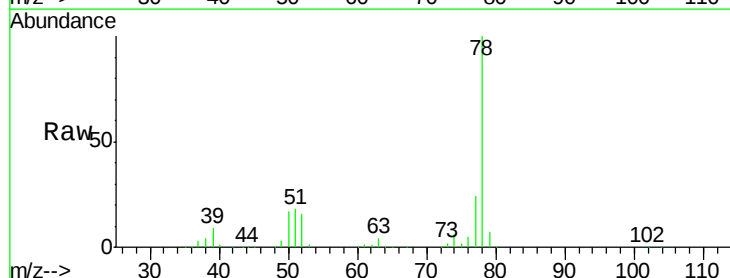
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

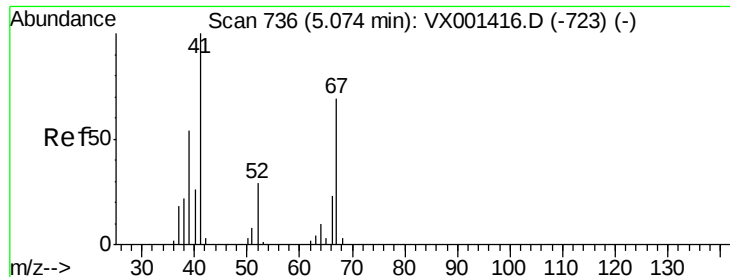
Tgt Ion: 83 Resp: 76128
Ion Ratio Lower Upper
83 100
55 79.5 60.9 91.3
98 50.4 41.9 62.9



#40
Benzene
Concen: 22.00 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Tgt Ion: 78 Resp: 231130
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.2





#41

Methacrylonitrile

Concen: 22.94 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

Tgt Ion: 41 Resp: 51743

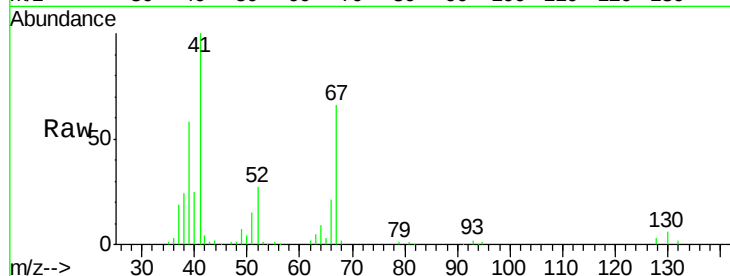
Ion Ratio Lower Upper

41 100

39 56.3 45.0 67.6

67 66.4 55.0 82.6

52 30.3 23.4 35.0

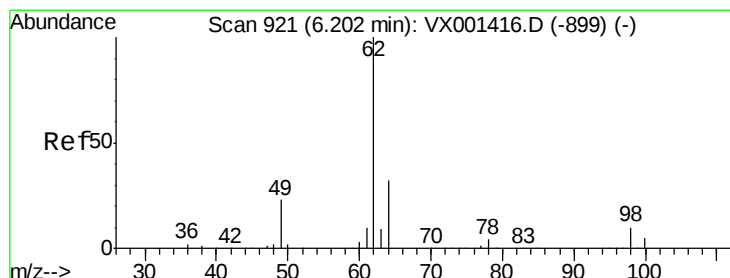
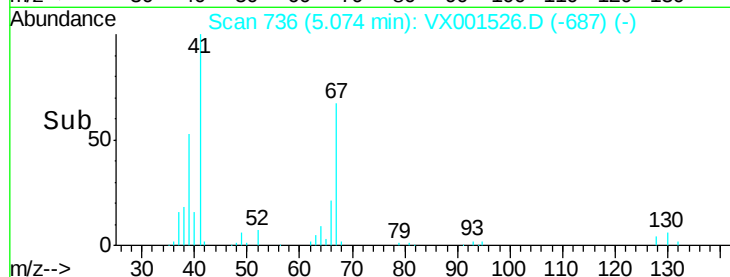
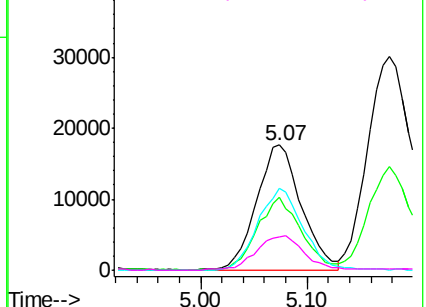


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 23.25 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.00 min

Lab File: VX001526.D

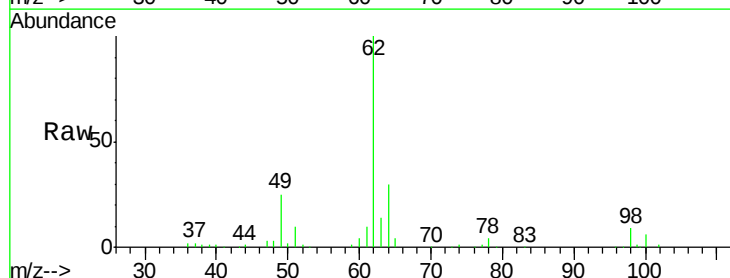
Acq: 08 May 2018 20:41

Tgt Ion: 62 Resp: 93894

Ion Ratio Lower Upper

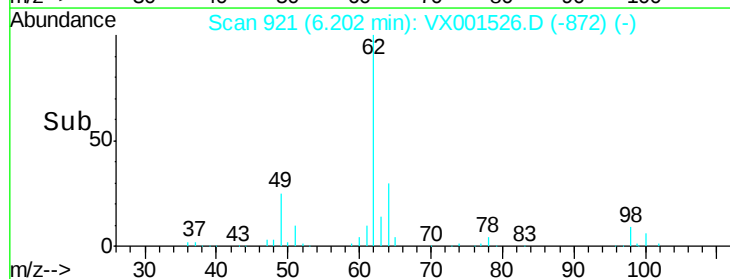
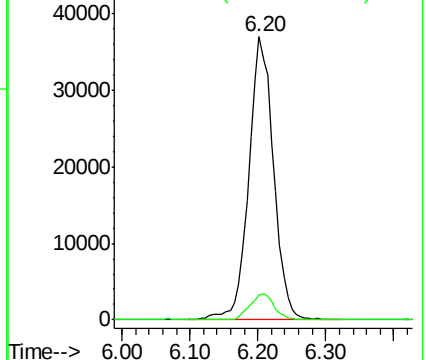
62 100

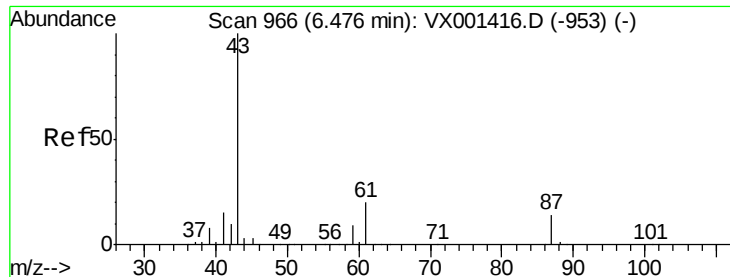
98 9.0 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 22.51 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampled :

VX0508WBSD01

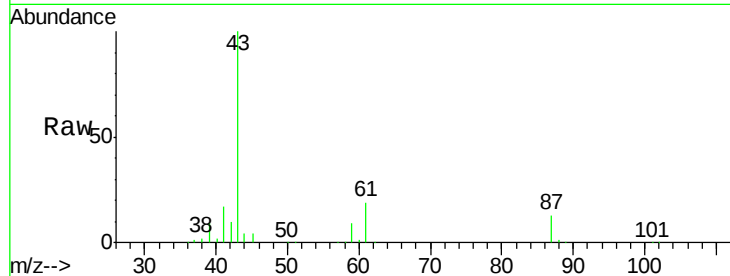
Tgt Ion: 43 Resp: 136227

Ion Ratio Lower Upper

43 100

61 19.1 15.4 23.0

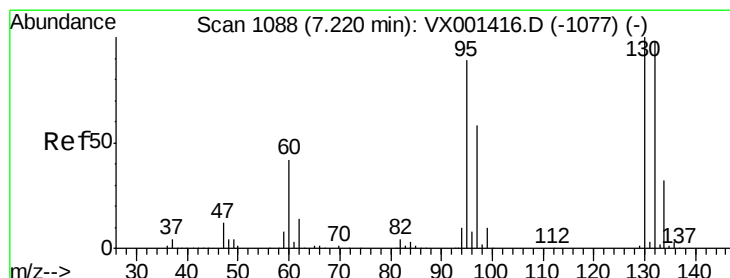
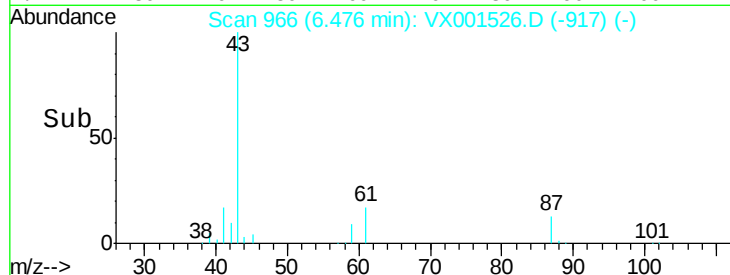
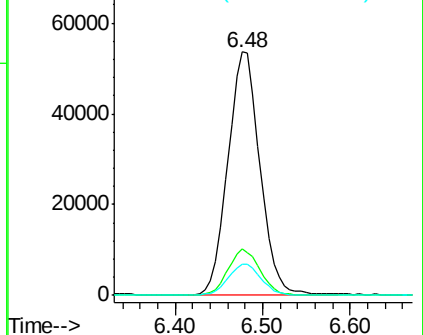
87 13.1 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 21.61 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001526.D

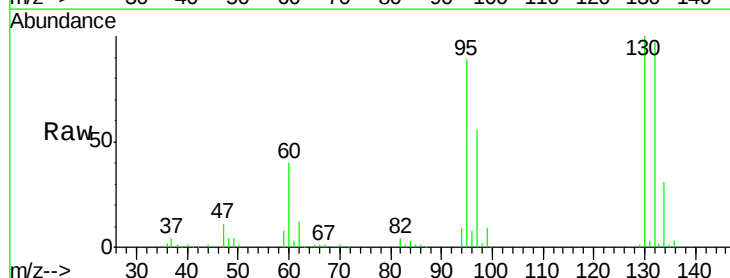
Acq: 08 May 2018 20:41

Tgt Ion: 130 Resp: 69403

Ion Ratio Lower Upper

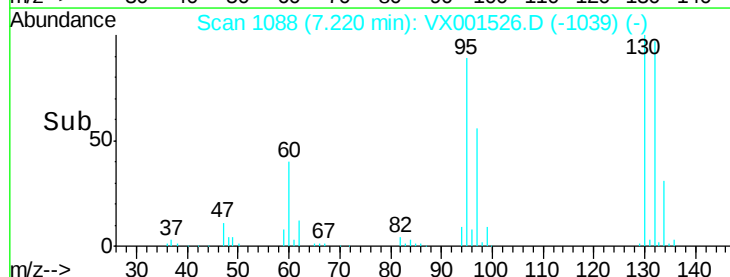
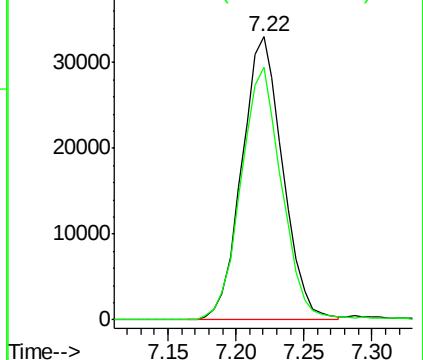
130 100

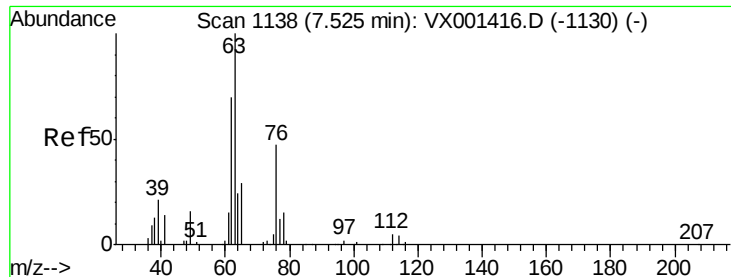
95 89.3 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 22.23 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

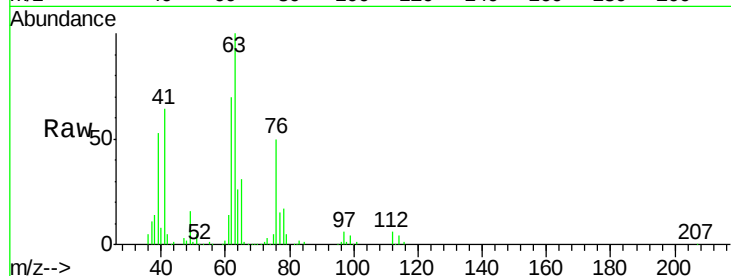
VX0508WBSD01

Tgt Ion: 63 Resp: 58224

Ion Ratio Lower Upper

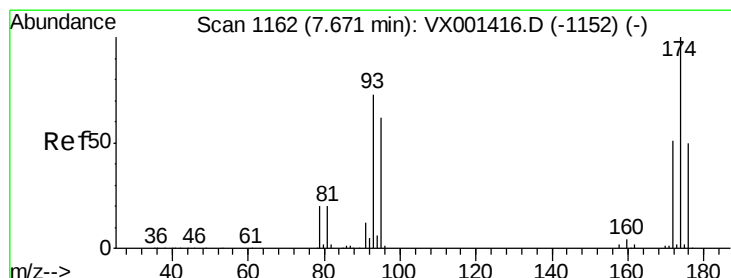
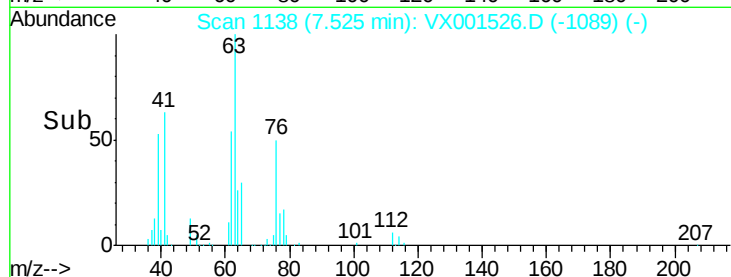
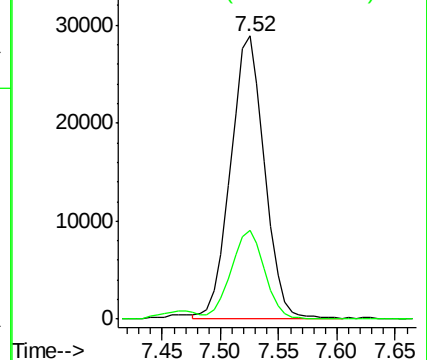
63 100

65 31.4 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 22.56 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

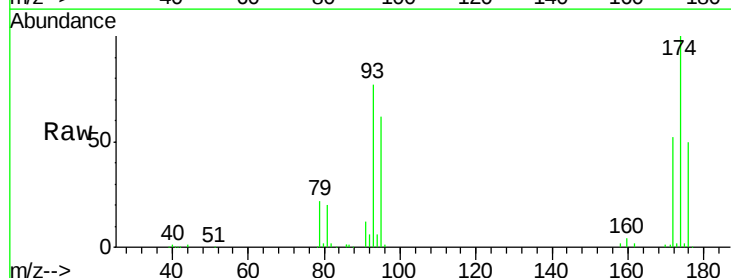
Tgt Ion: 93 Resp: 41836

Ion Ratio Lower Upper

93 100

95 82.9 67.0 100.4

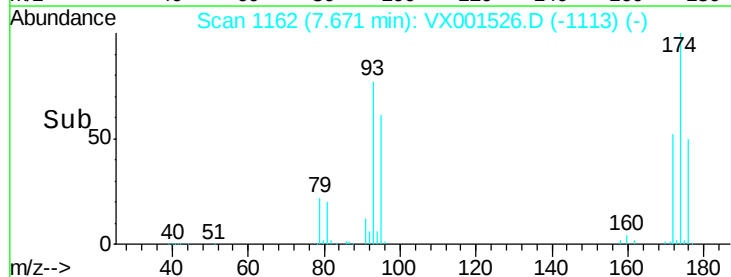
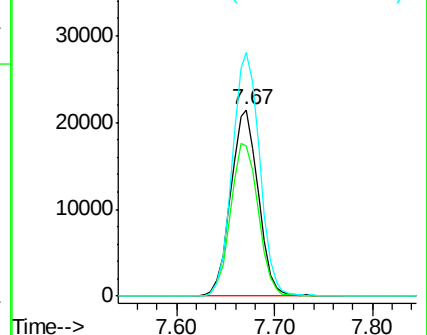
174 130.2 104.5 156.7

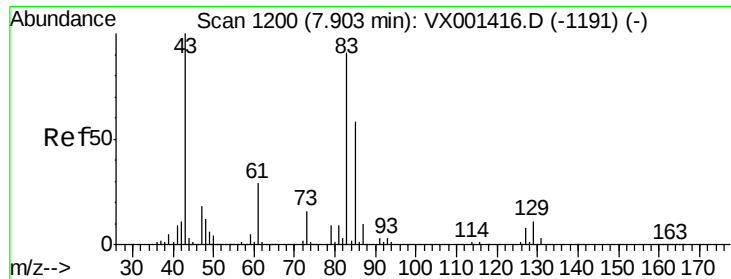


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

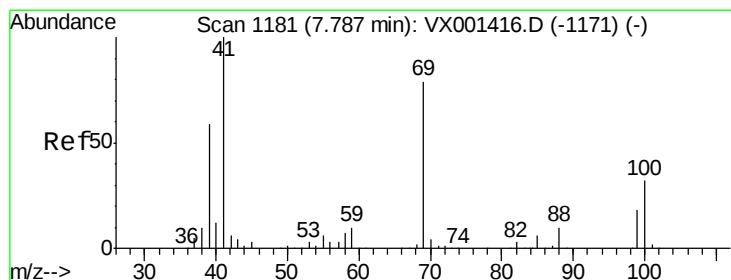
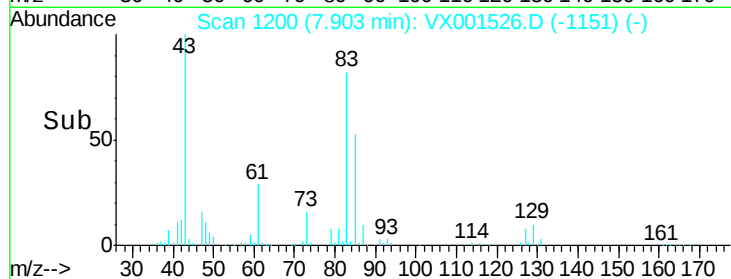
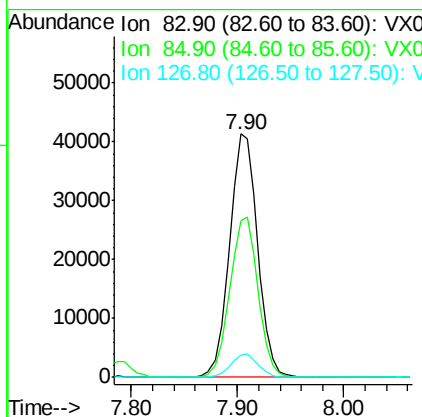
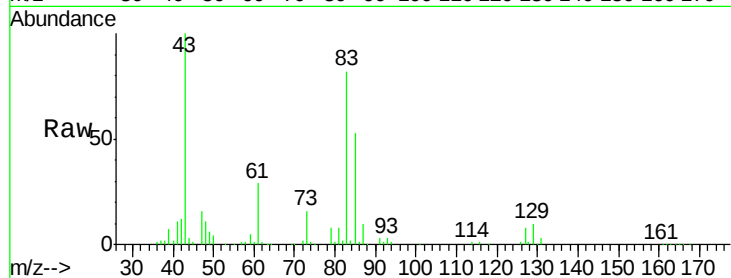




#47
 Bromodichloromethane
 Concen: 22.21 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

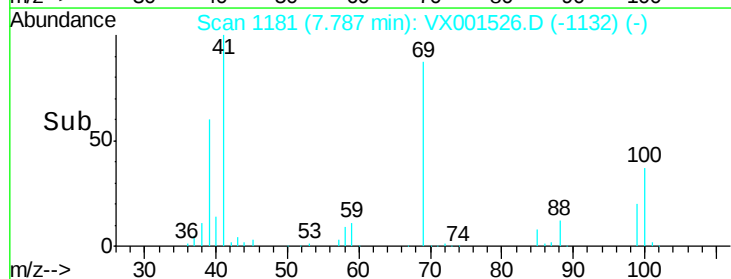
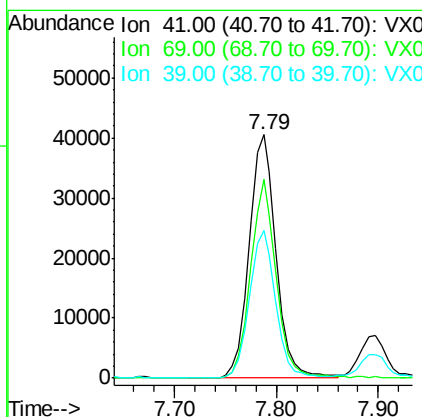
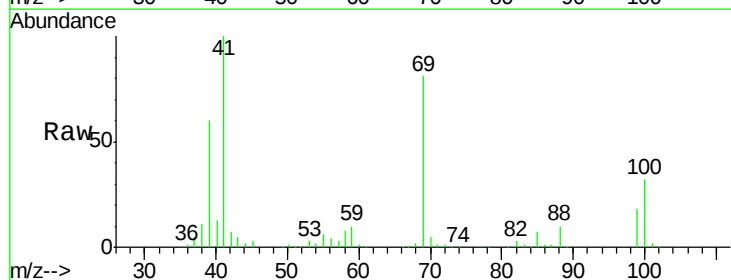
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

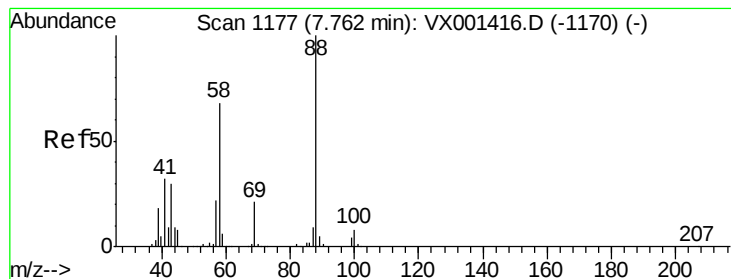
Tgt Ion: 83 Resp: 76214
 Ion Ratio Lower Upper
 83 100
 85 64.3 51.0 76.6
 127 9.2 7.4 11.2



#48
 Methyl methacrylate
 Concen: 22.52 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Tgt Ion: 41 Resp: 74208
 Ion Ratio Lower Upper
 41 100
 69 78.6 63.4 95.2
 39 59.4 47.0 70.4





#49

1,4-Dioxane

Concen: 471.47 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

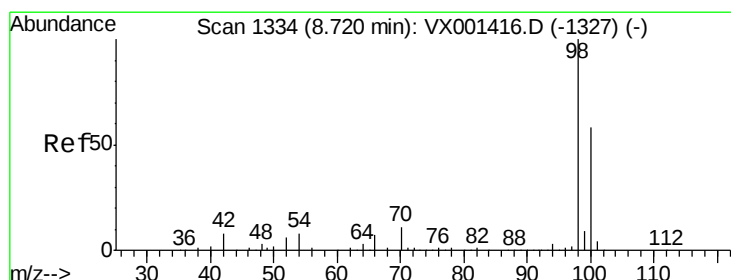
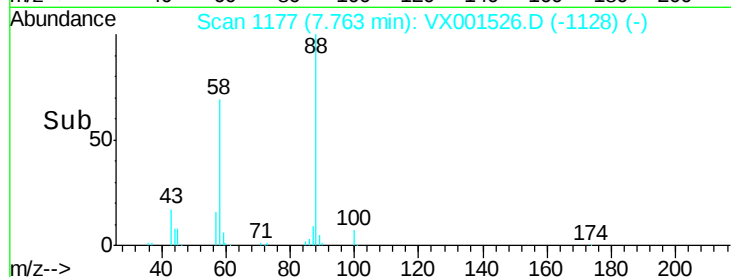
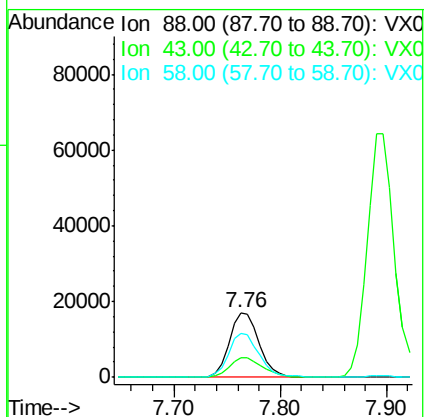
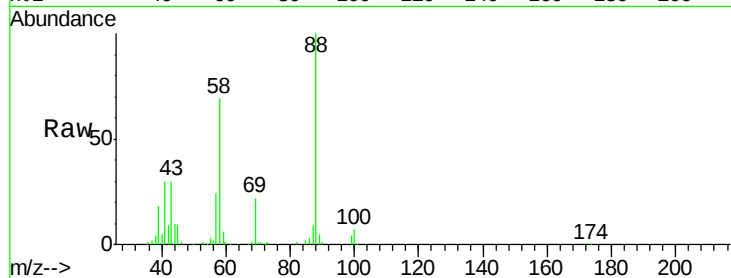
Tgt Ion: 88 Resp: 33571

Ion Ratio Lower Upper

88 100

43 34.6 26.4 39.6

58 70.7 54.1 81.1



#50

Toluene-d8

Concen: 51.01 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001526.D

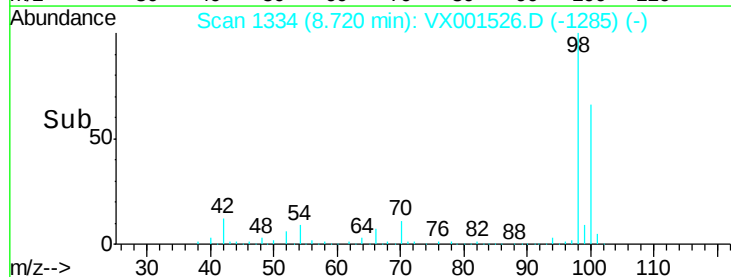
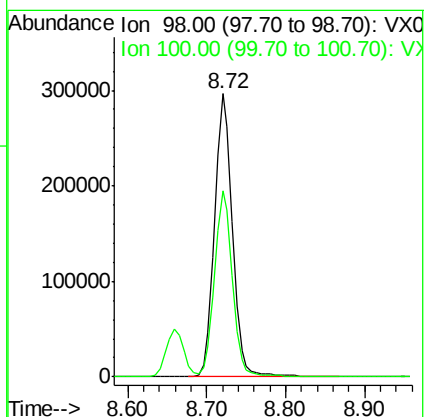
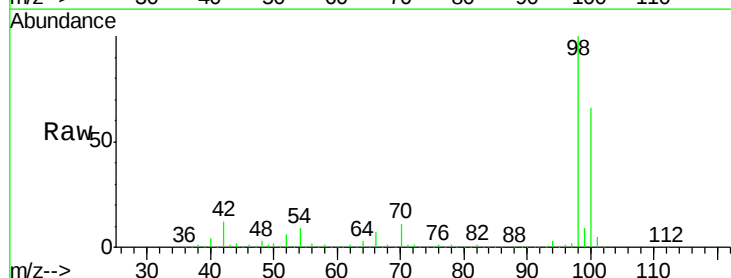
Acq: 08 May 2018 20:41

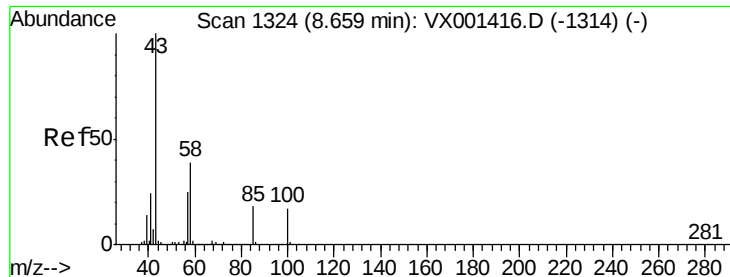
Tgt Ion: 98 Resp: 468267

Ion Ratio Lower Upper

98 100

100 66.3 54.0 81.0

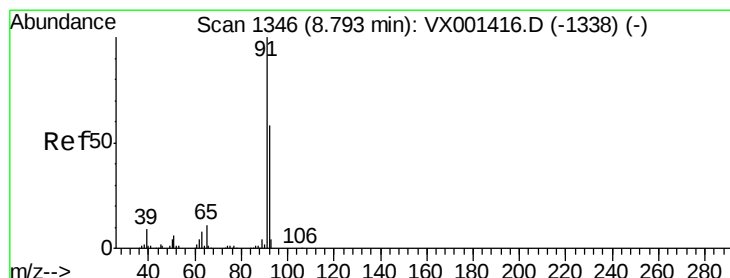
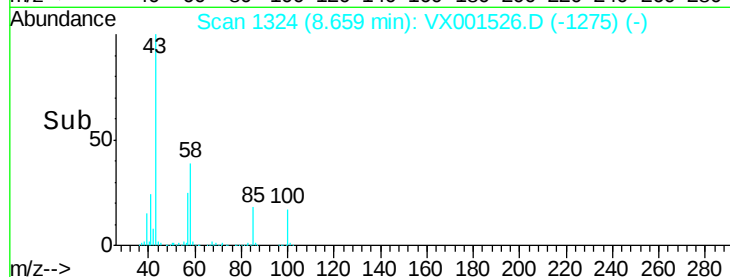
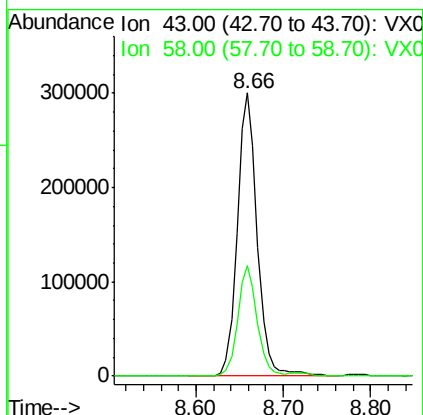
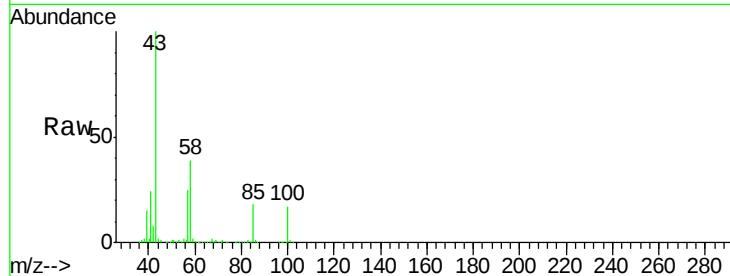




#51
 4-Methyl-2-Pentanone
 Concen: 118.46 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

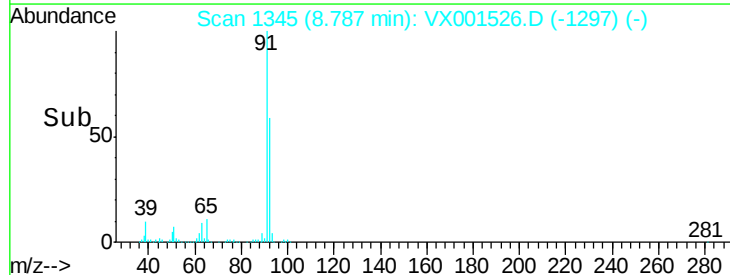
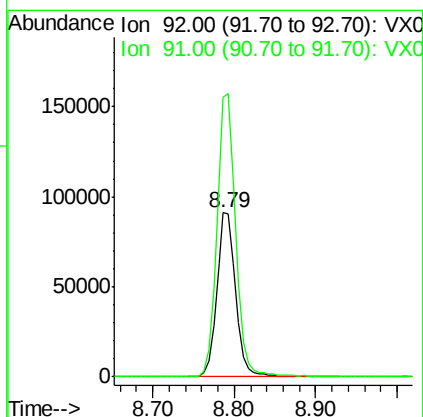
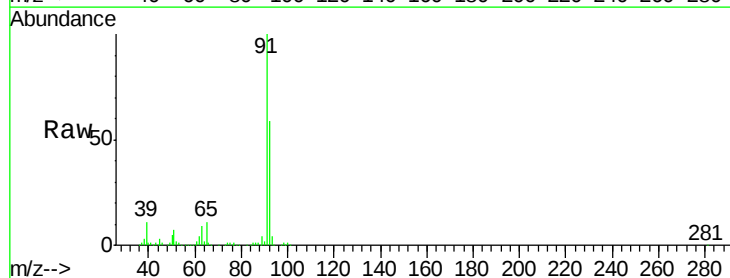
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

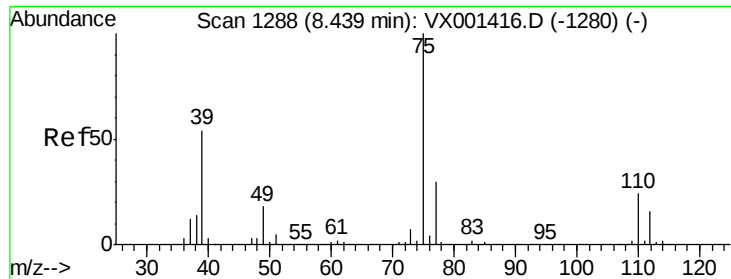
Tgt Ion: 43 Resp: 476464
 Ion Ratio Lower Upper
 43 100
 58 37.8 30.8 46.2



#52
 Toluene
 Concen: 21.60 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Tgt Ion: 92 Resp: 148370
 Ion Ratio Lower Upper
 92 100
 91 172.0 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 21.23 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

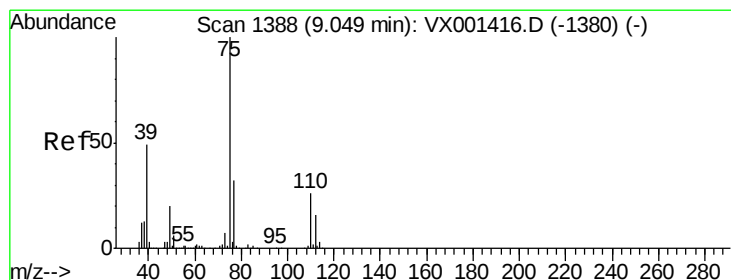
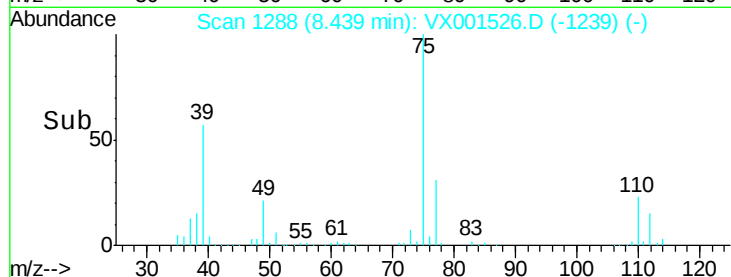
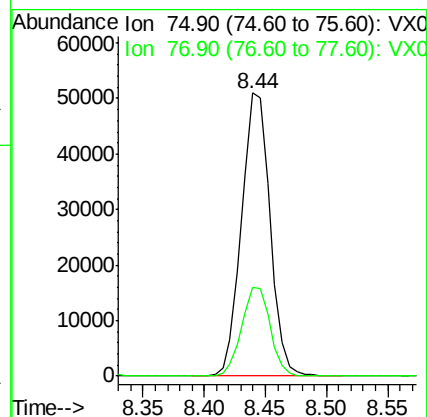
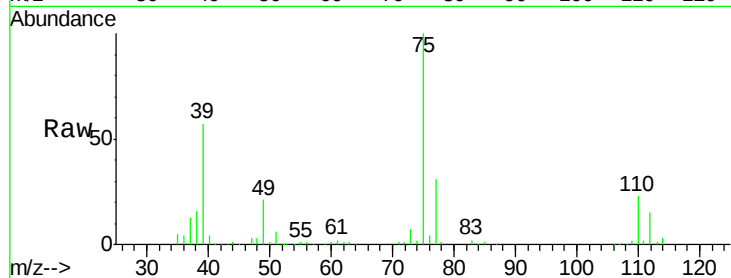
VX0508WBSD01

Tgt Ion: 75 Resp: 82314

Ion Ratio Lower Upper

75 100

77 31.4 24.2 36.4



#54

cis-1,3-Dichloropropene

Concen: 19.86 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

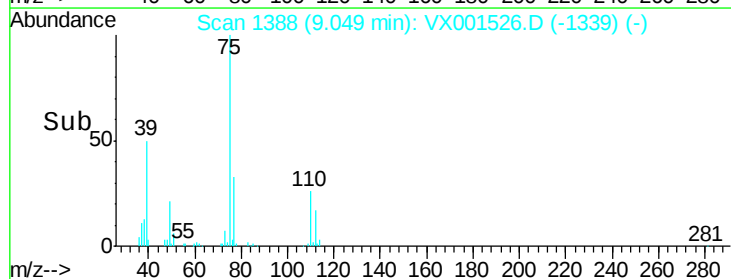
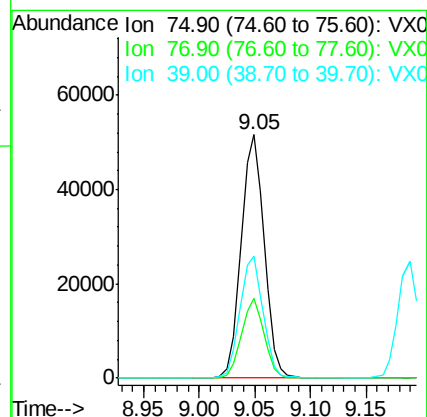
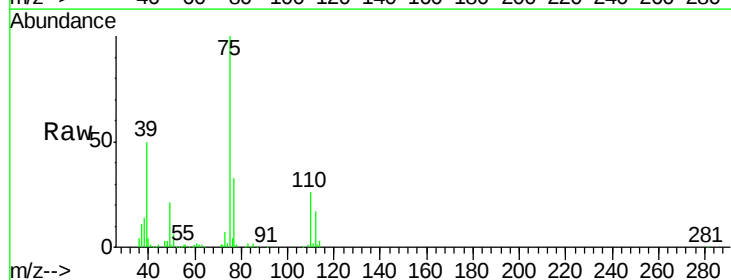
Tgt Ion: 75 Resp: 73894

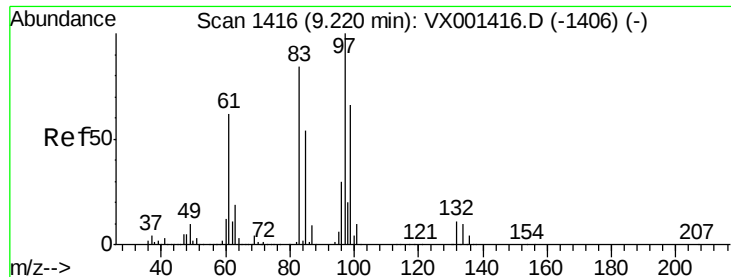
Ion Ratio Lower Upper

75 100

77 32.7 25.5 38.3

39 50.1 38.9 58.3

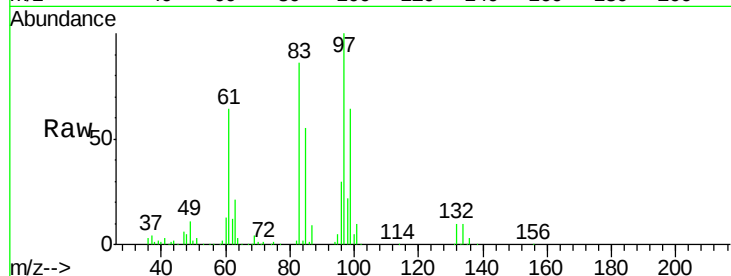




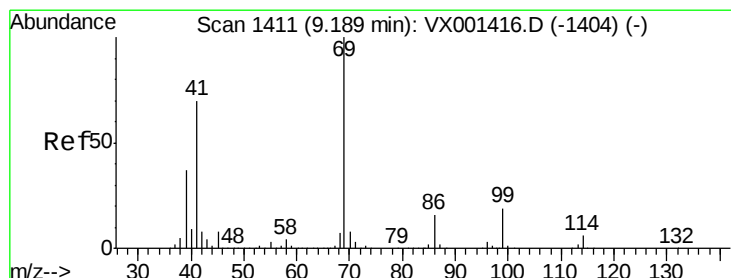
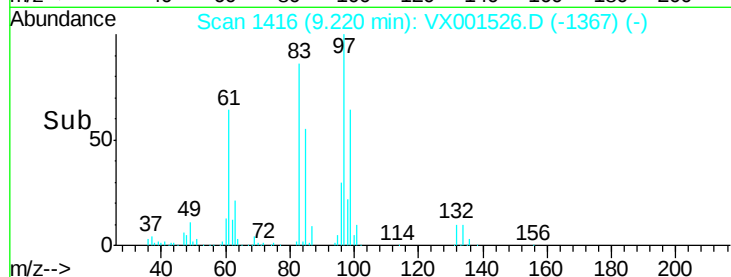
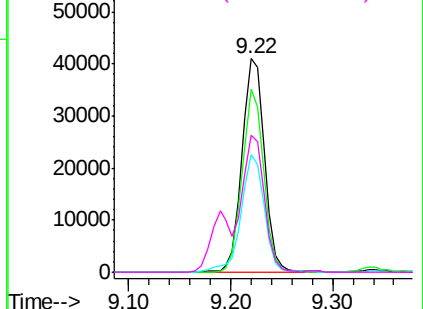
#55
 1,1,2-Trichloroethane
 Concen: 22.58 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

Tgt Ion: 97 Resp: 62483
 Ion Ratio Lower Upper
 97 100
 83 85.9 67.4 101.0
 85 54.9 43.3 64.9
 99 64.4 52.5 78.7

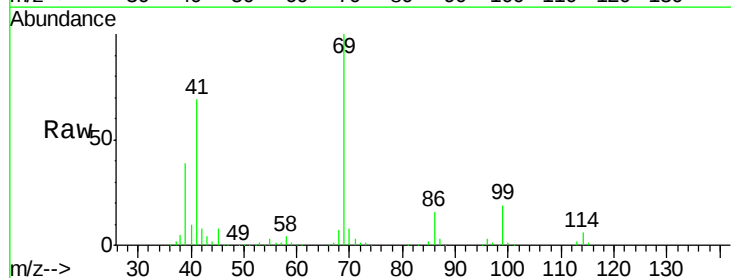


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

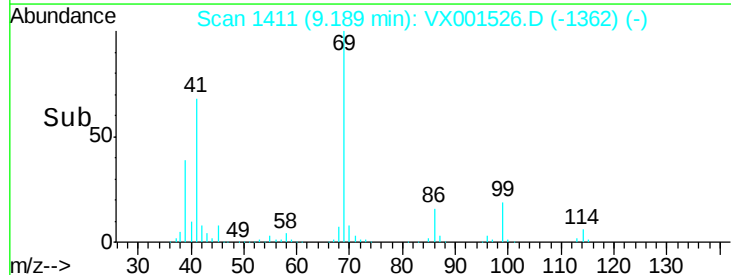
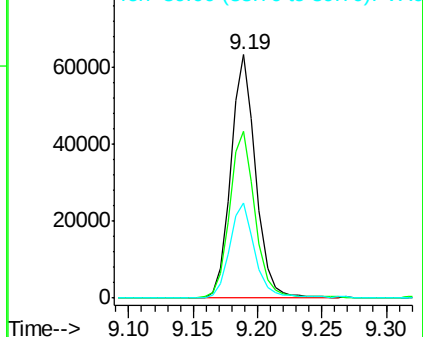


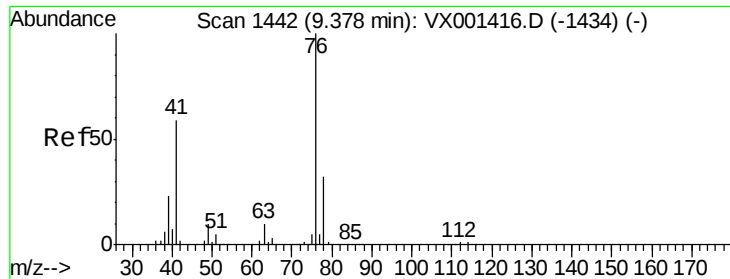
#56
 Ethyl methacrylate
 Concen: 21.47 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Tgt Ion: 69 Resp: 85672
 Ion Ratio Lower Upper
 69 100
 41 69.9 55.1 82.7
 39 39.5 29.9 44.9



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

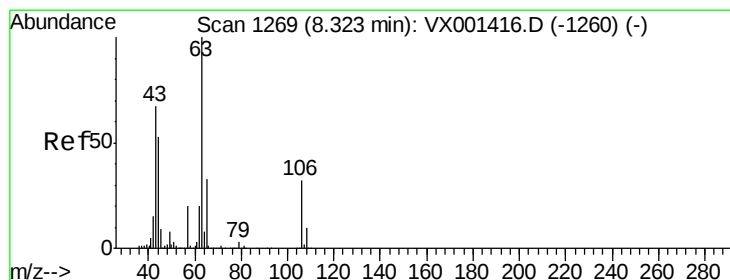
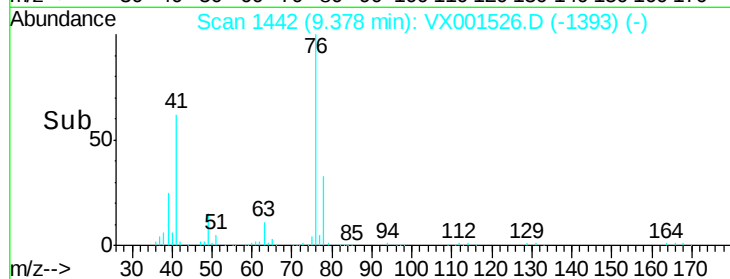
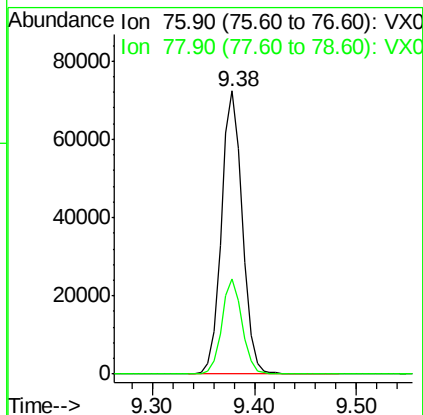
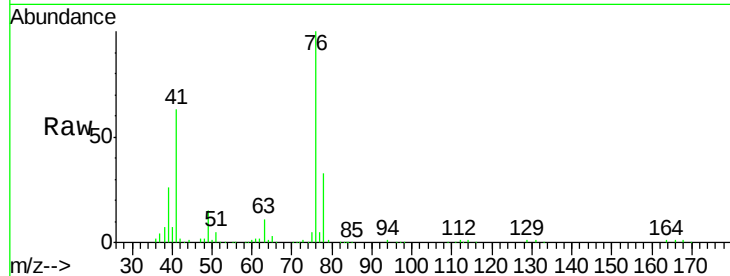




#57
 1,3-Dichloropropane
 Concen: 22.58 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

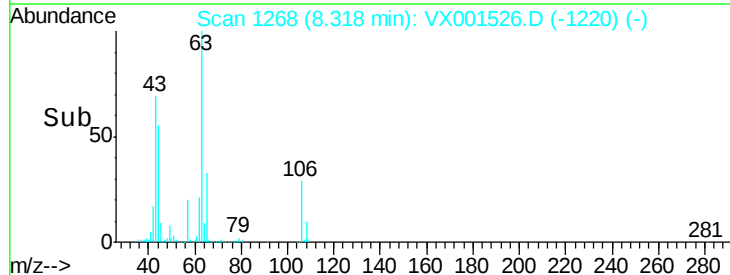
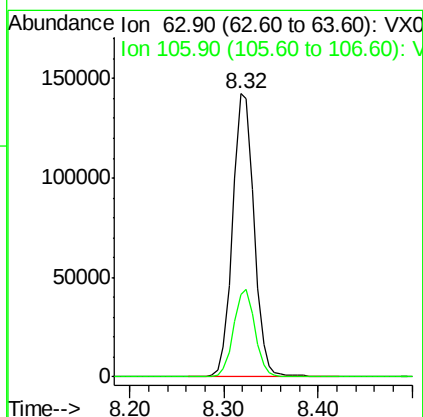
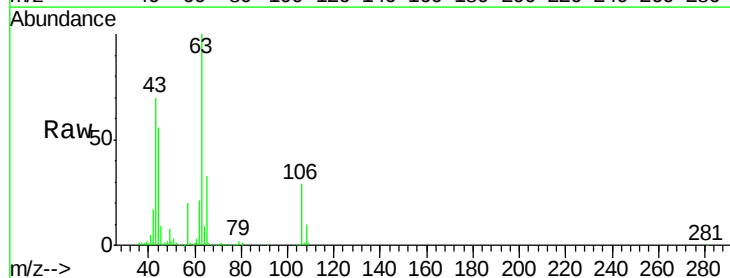
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

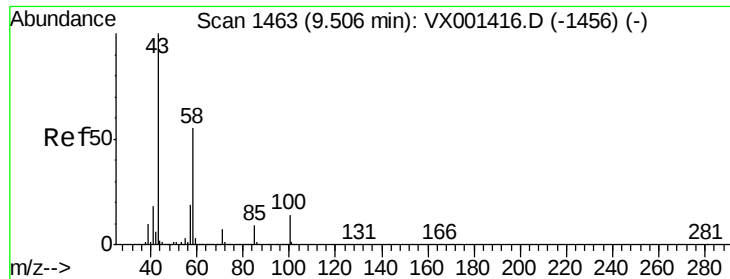
Tgt Ion: 76 Resp: 103331
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 115.54 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Tgt Ion: 63 Resp: 226082
 Ion Ratio Lower Upper
 63 100
 106 31.0 25.4 38.0

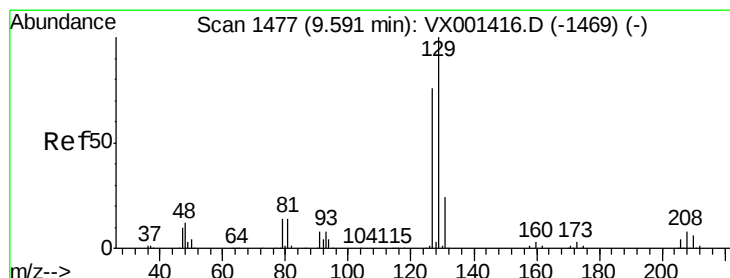
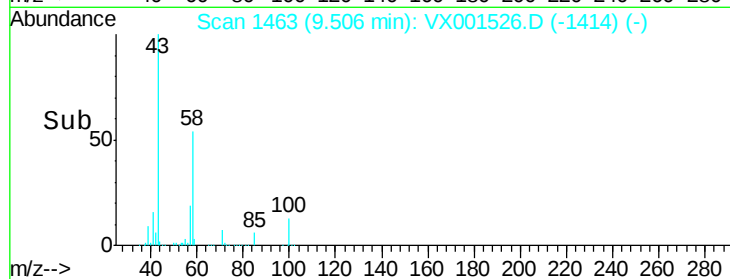
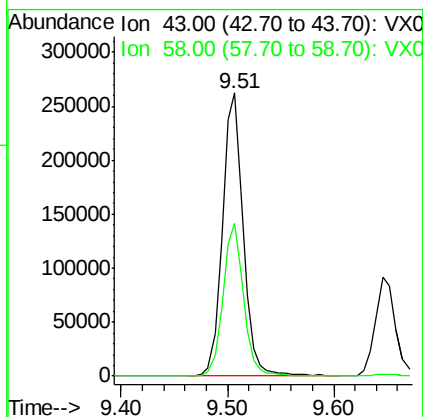
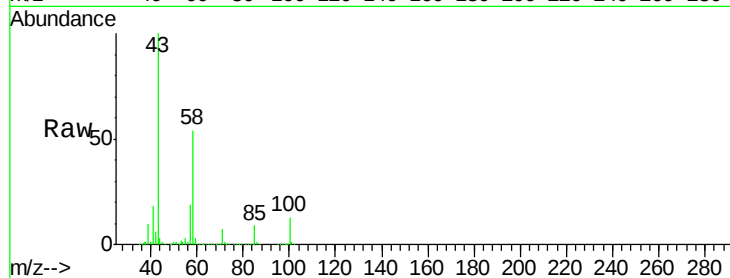




#59
2-Hexanone
Concen: 116.17 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

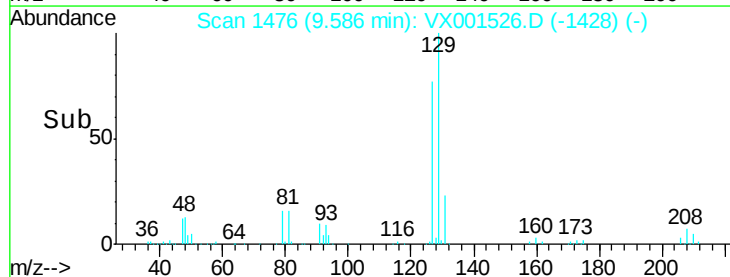
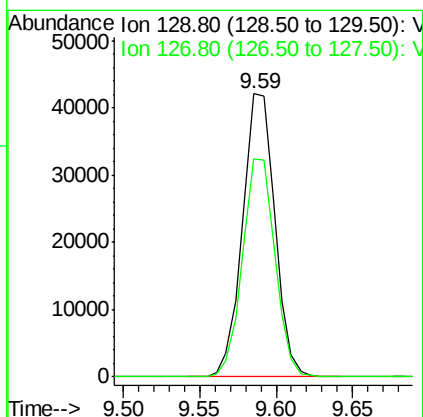
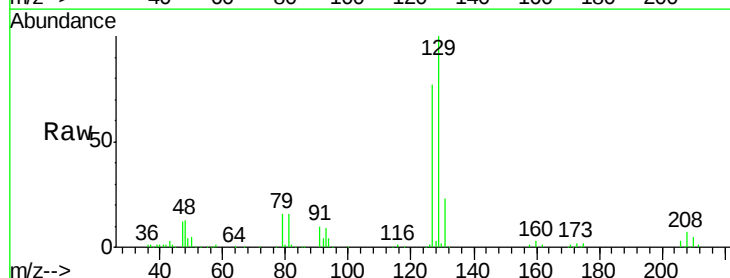
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

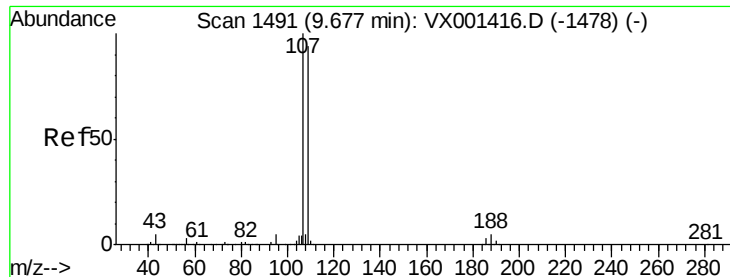
Tgt Ion: 43 Resp: 357788
Ion Ratio Lower Upper
43 100
58 53.3 27.1 81.2



#60
Dibromochloromethane
Concen: 21.89 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Tgt Ion: 129 Resp: 62033
Ion Ratio Lower Upper
129 100
127 77.4 38.1 114.5





#61

1,2-Dibromoethane

Concen: 22.49 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

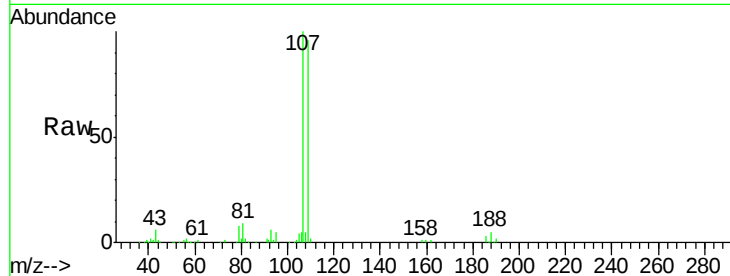
VX0508WBSD01

Tgt Ion: 107 Resp: 65357

Ion Ratio Lower Upper

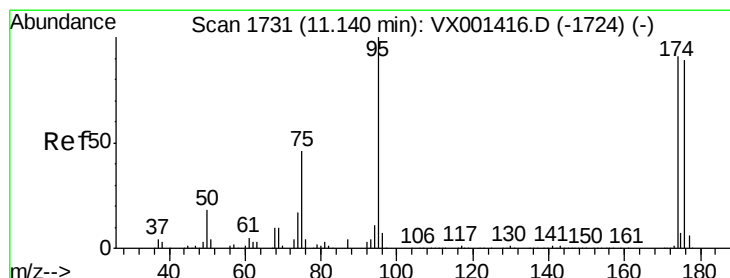
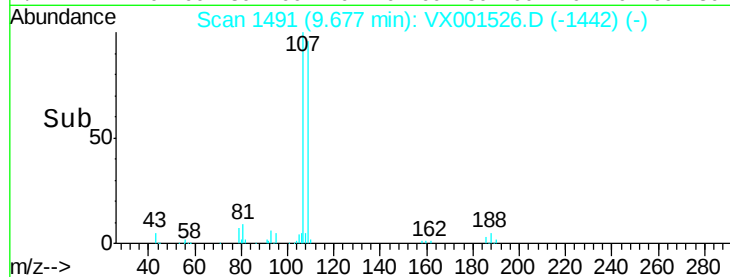
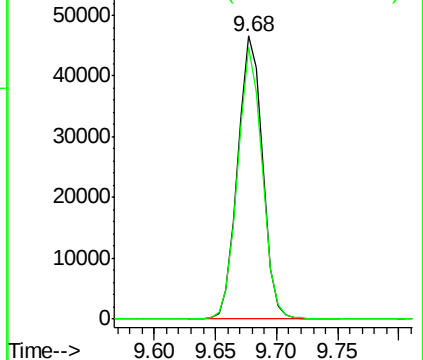
107 100

109 94.6 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: 49.69 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

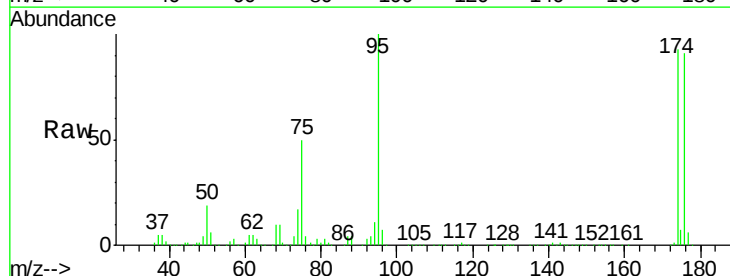
Tgt Ion: 95 Resp: 175121

Ion Ratio Lower Upper

95 100

174 101.1 0.0 202.0

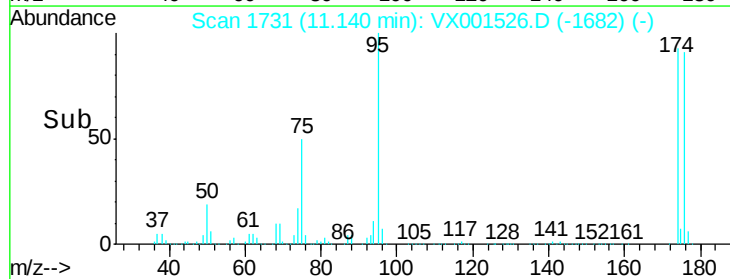
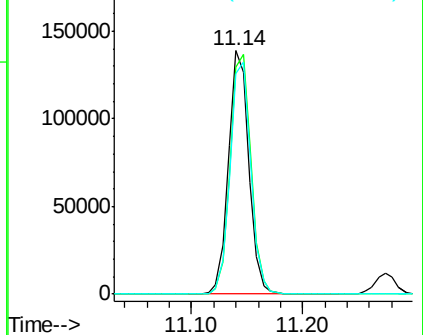
176 97.4 0.0 197.4

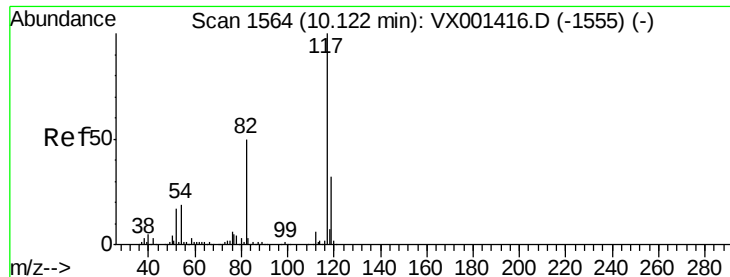


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

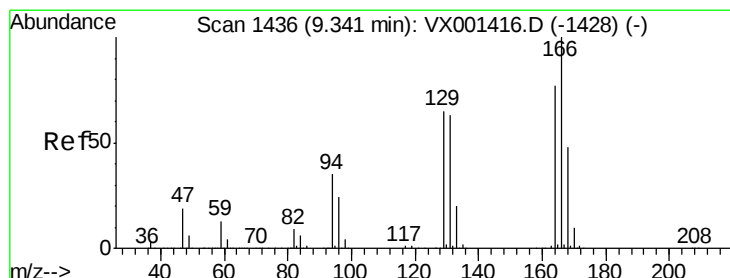
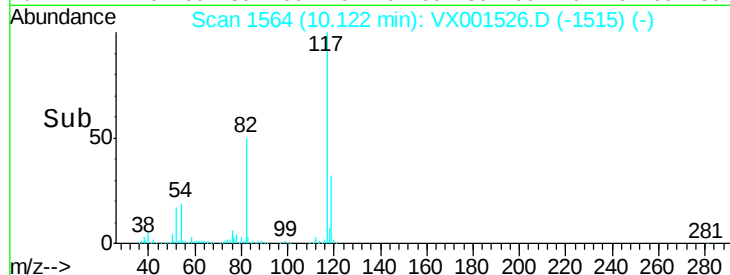
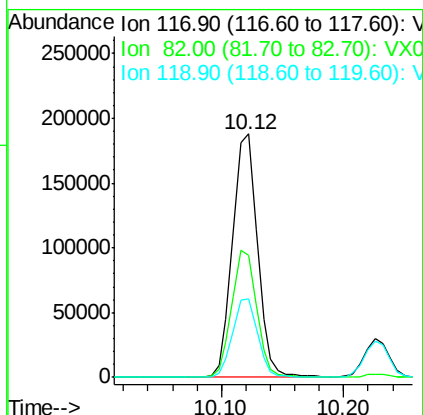
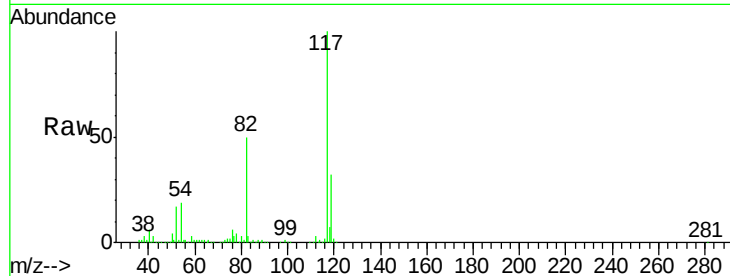




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

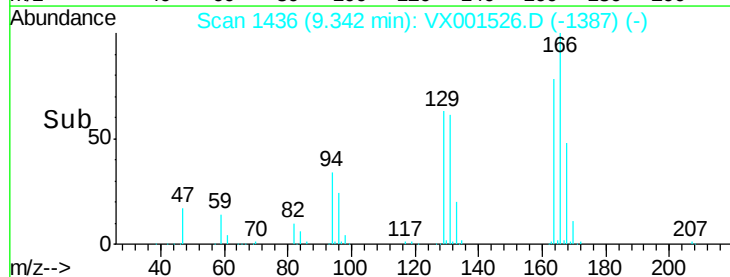
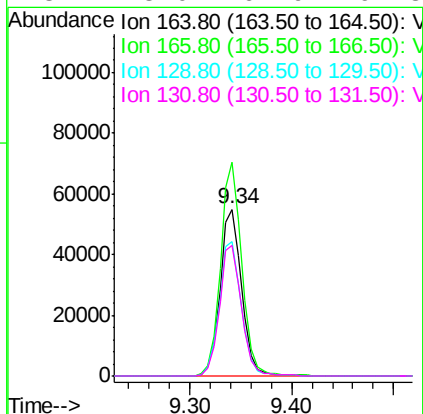
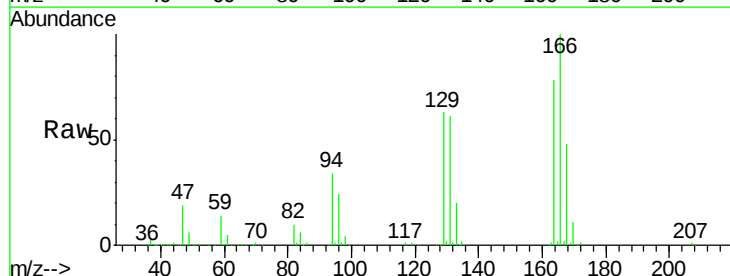
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

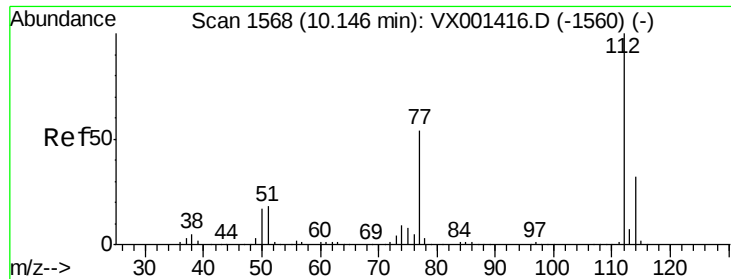
Tgt Ion:117 Resp: 265233
Ion Ratio Lower Upper
117 100
82 50.1 40.0 60.0
119 32.4 25.8 38.8



#64
Tetrachloroethene
Concen: 21.93 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Tgt Ion:164 Resp: 81062
Ion Ratio Lower Upper
164 100
166 128.1 103.5 155.3
129 80.6 66.7 100.1
131 78.0 64.9 97.3

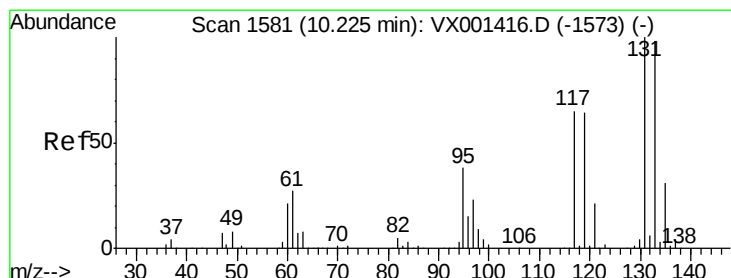
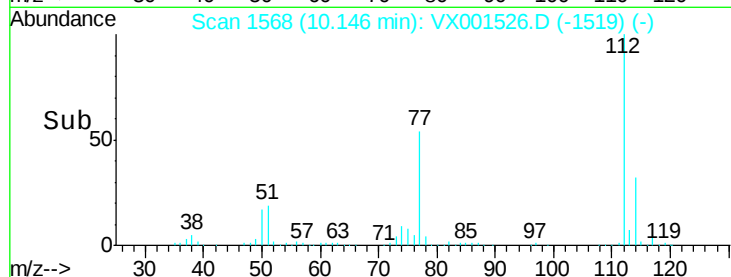
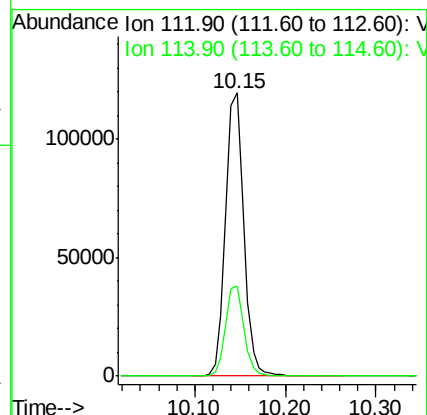
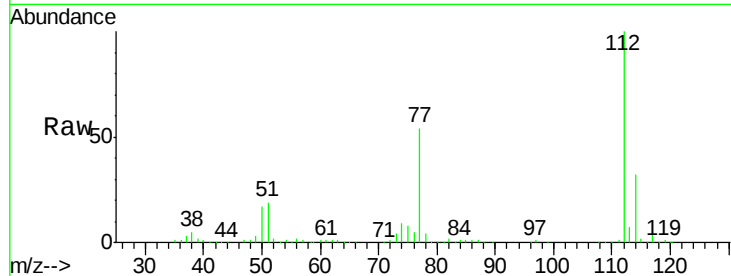




#65
Chlorobenzene
Concen: 21.79 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

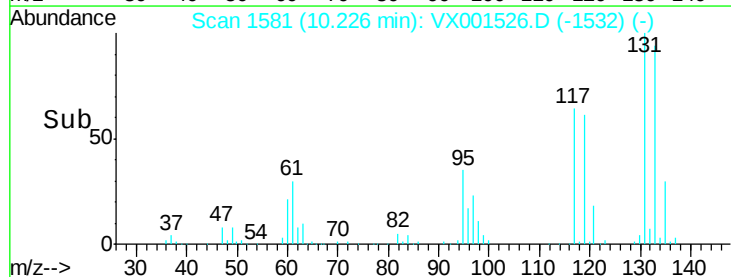
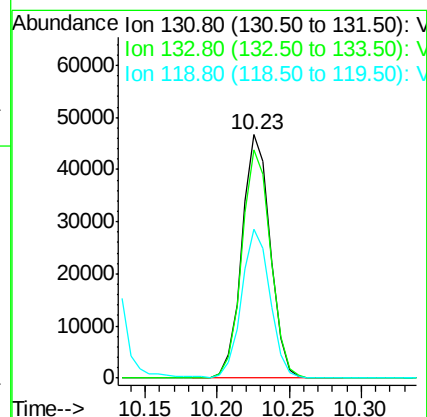
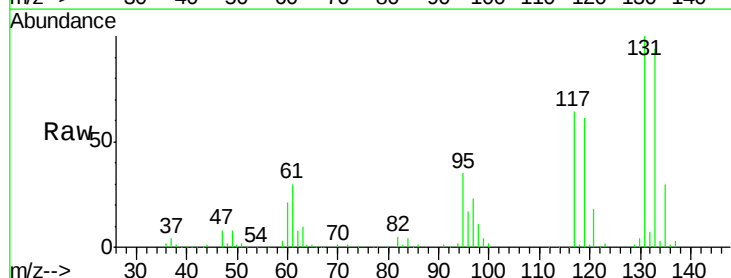
Instrument :
MSVOA_X
ClientSampled :
VX0508WBSD01

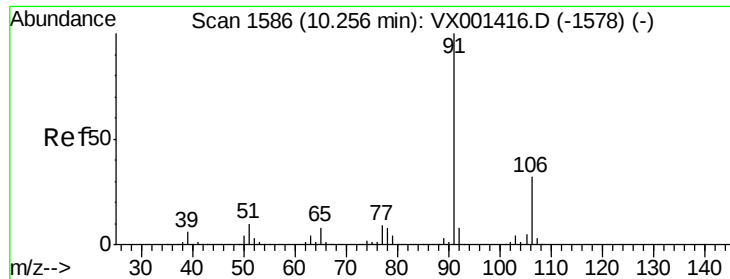
Tgt Ion:112 Resp: 169466
Ion Ratio Lower Upper
112 100
114 31.7 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 22.87 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Tgt Ion:131 Resp: 63646
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.8
119 61.4 31.1 93.3

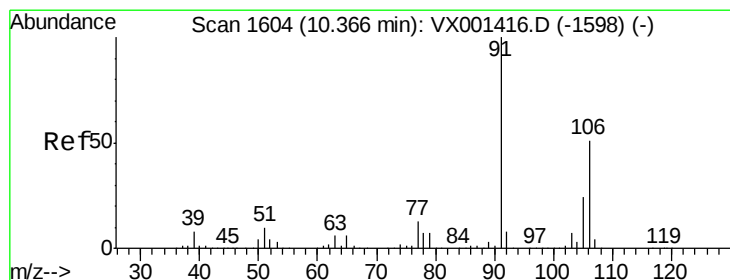
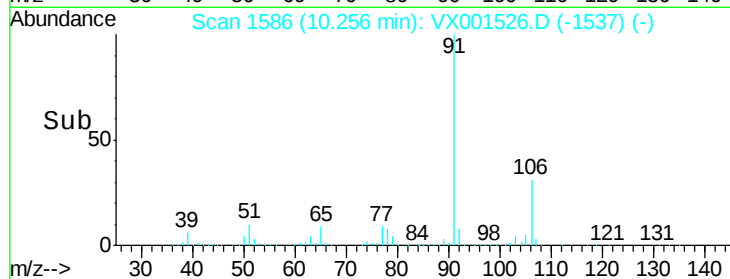
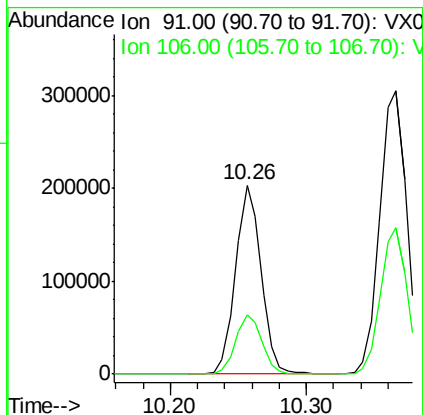
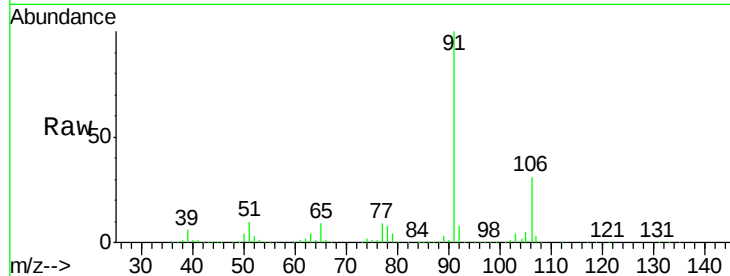




#67
Ethyl Benzene
Concen: 20.98 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

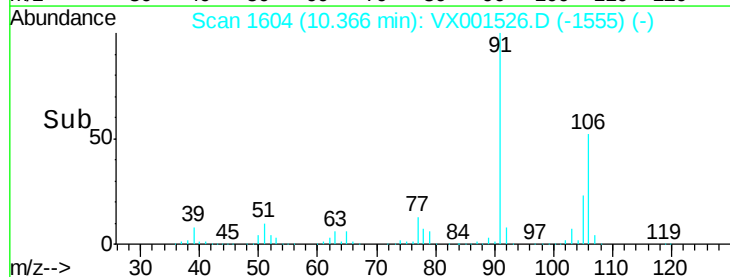
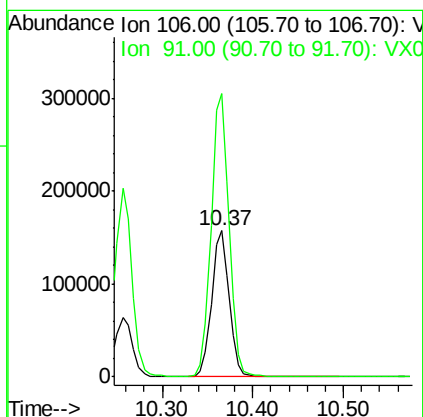
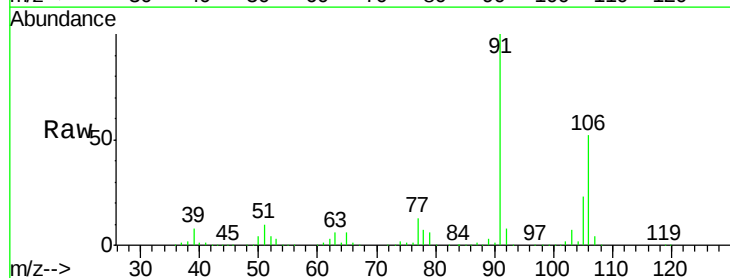
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

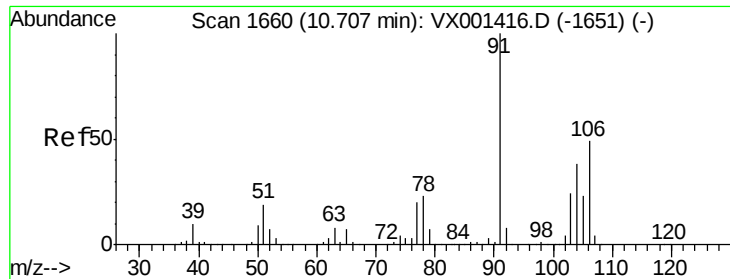
Tgt Ion: 91 Resp: 267443
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3



#68
m/p-Xylenes
Concen: 42.72 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Tgt Ion: 106 Resp: 215195
Ion Ratio Lower Upper
106 100
91 197.8 157.5 236.3

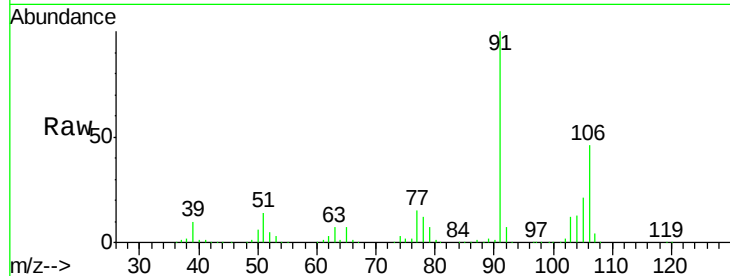




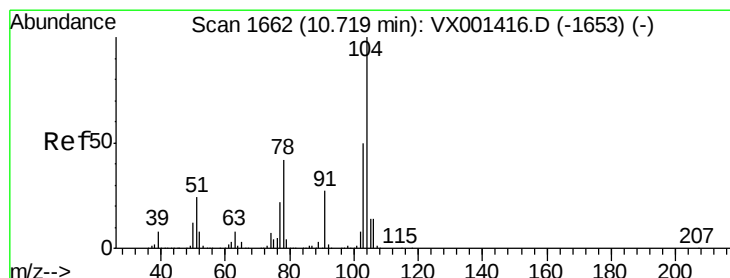
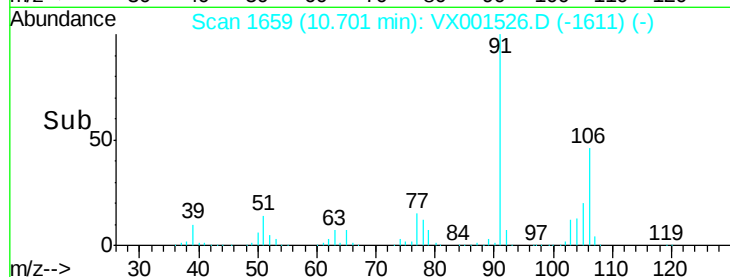
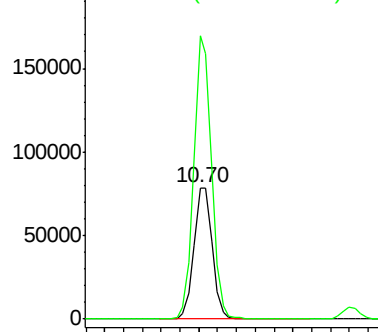
#69
o-Xylene
Concen: 21.67 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Tgt Ion:106 Resp: 106096
Ion Ratio Lower Upper
106 100
91 207.6 103.1 309.1

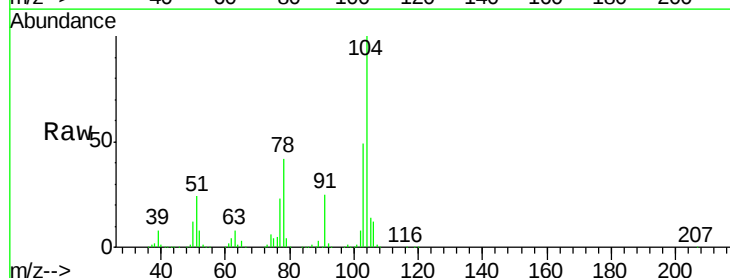


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

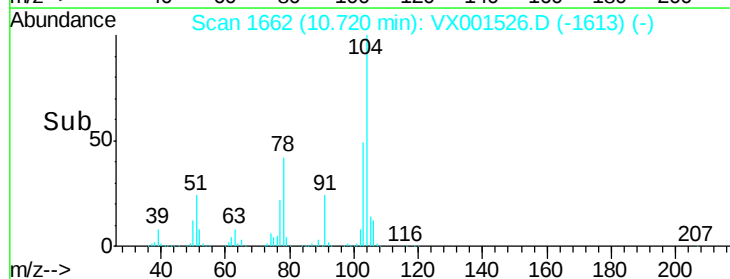
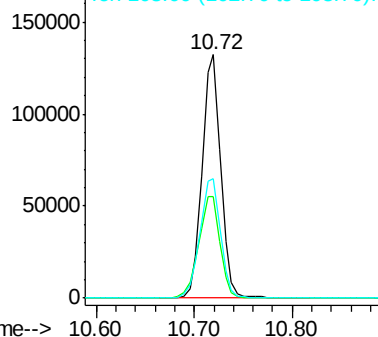


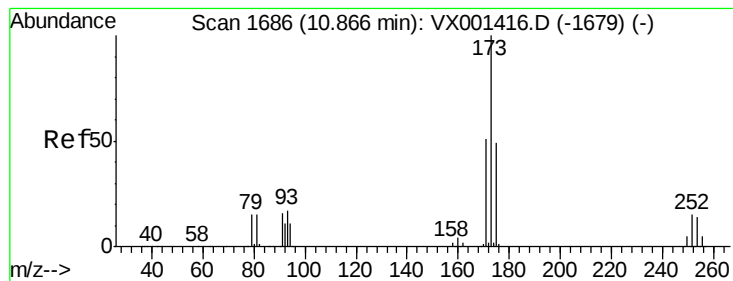
#70
Styrene
Concen: 21.95 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001526.D
Acq: 08 May 2018 20:41

Tgt Ion:104 Resp: 174554
Ion Ratio Lower Upper
104 100
78 48.4 38.6 58.0
103 54.9 44.0 66.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.56 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

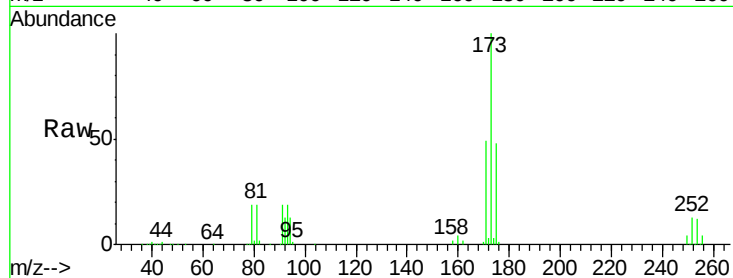
Tgt Ion:173 Resp: 48968

Ion Ratio Lower Upper

173 100

175 48.7 24.5 73.5

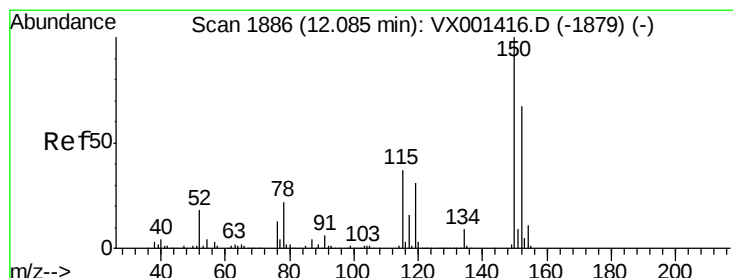
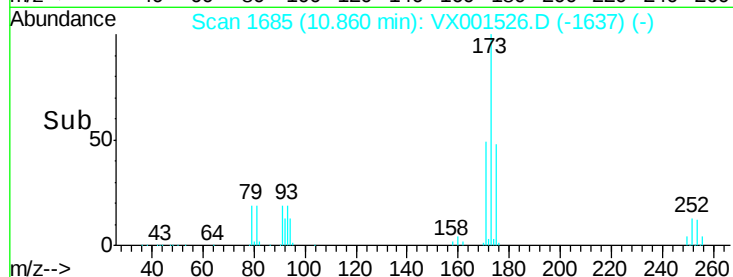
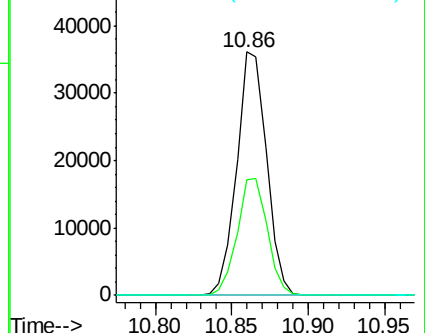
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

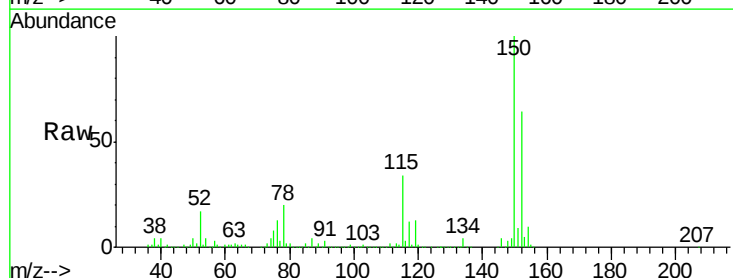
Tgt Ion:152 Resp: 186409

Ion Ratio Lower Upper

152 100

115 62.8 37.7 113.1

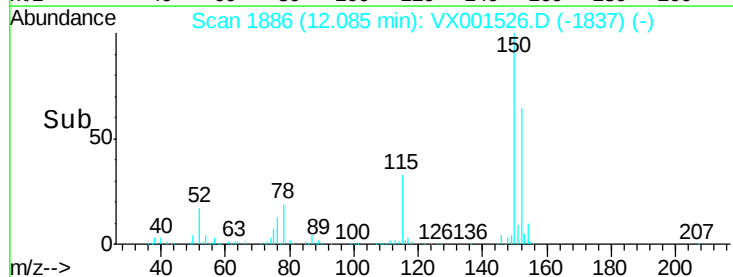
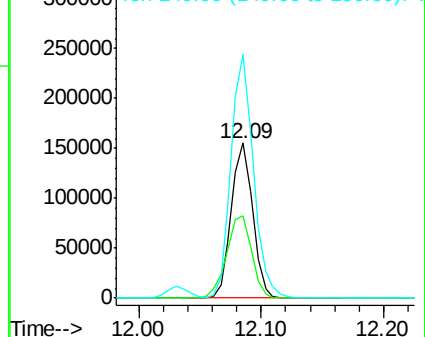
150 164.8 0.0 349.4

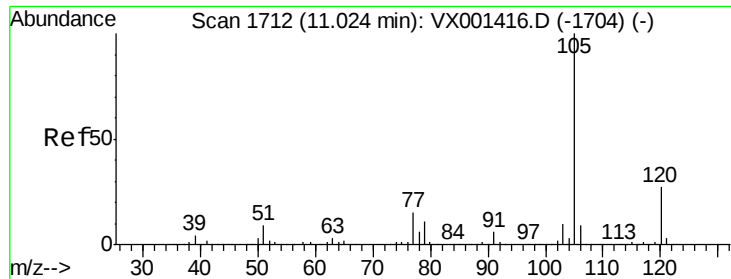


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.85 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

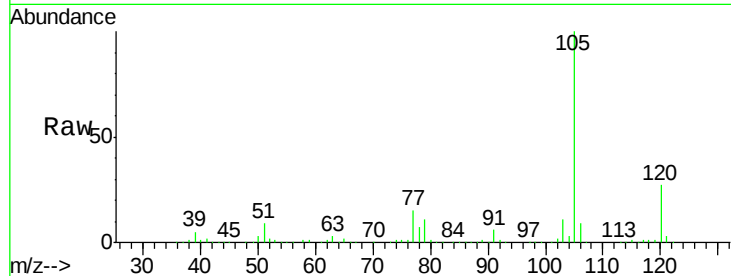
VX0508WBSD01

Tgt Ion: 105 Resp: 281908

Ion Ratio Lower Upper

105 100

120 26.8 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

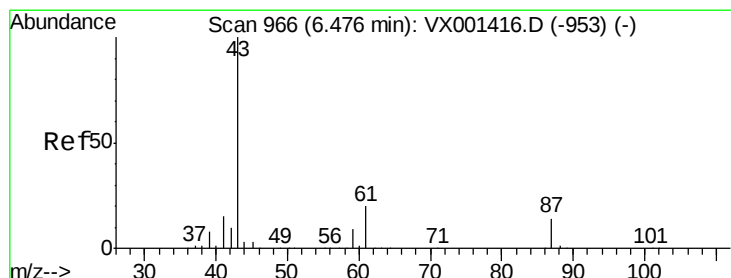
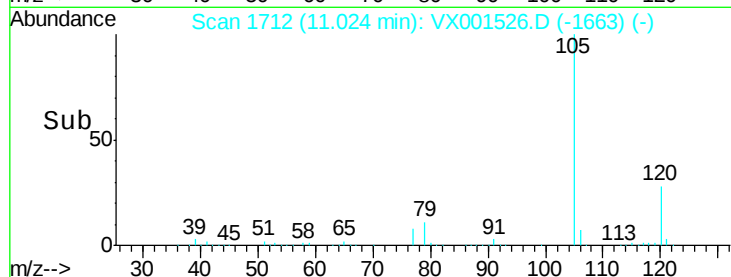
0

11.00

11.02

11.10

Time-->



#74

N-ethyl acetate

Concen: 23.24 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Tgt Ion: 43 Resp: 136227

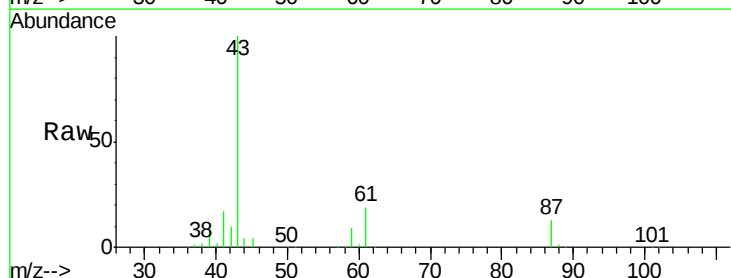
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 19.1 15.4 23.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

80000

60000

40000

20000

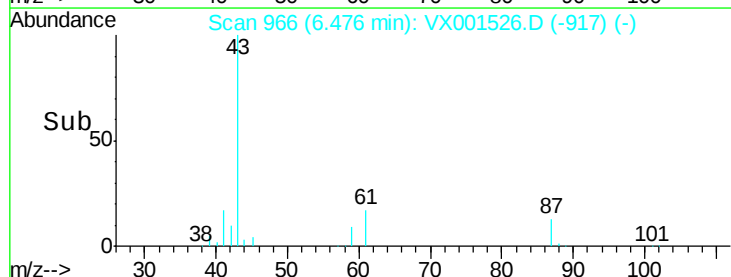
0

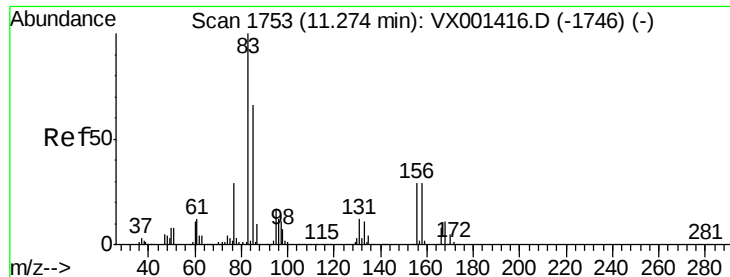
6.40

6.48

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 23.23 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

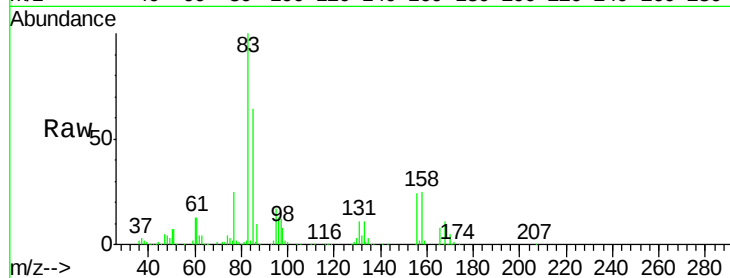
Tgt Ion: 83 Resp: 88545

Ion Ratio Lower Upper

83 100

131 11.1 5.8 17.4

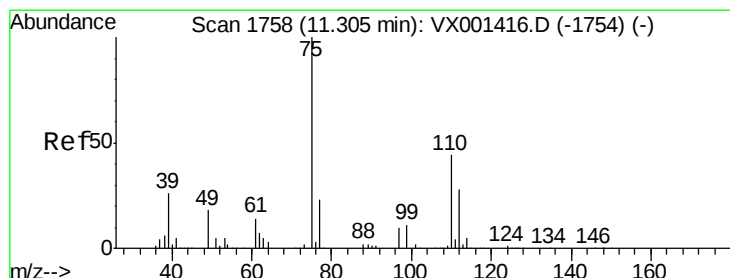
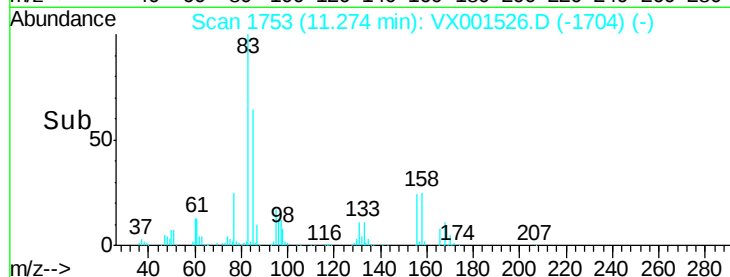
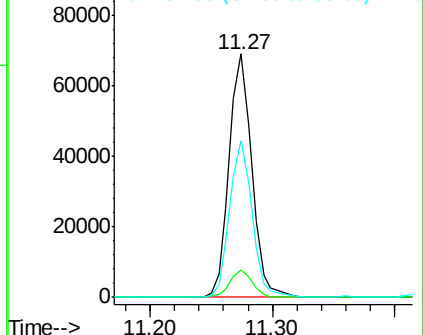
85 63.9 32.7 98.1



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: 27.28 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX001526.D

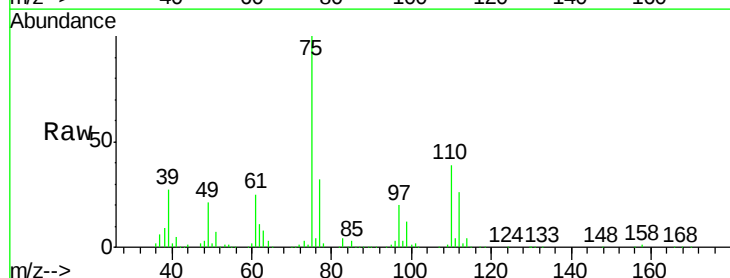
Acq: 08 May 2018 20:41

Tgt Ion: 75 Resp: 103125

Ion Ratio Lower Upper

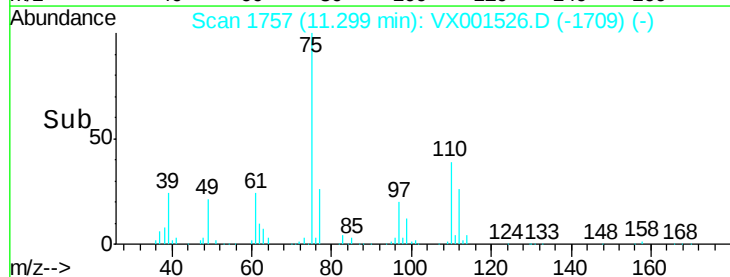
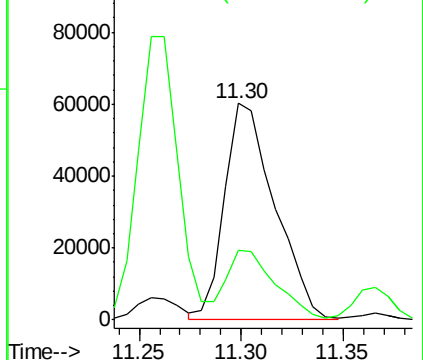
75 100

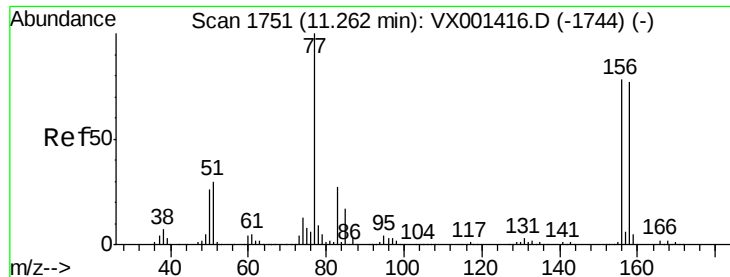
77 30.6 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.86 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

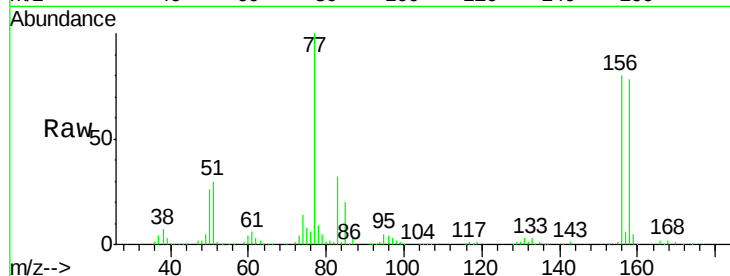
Tgt Ion:156 Resp: 82032

Ion Ratio Lower Upper

156 100

77 133.5 66.0 198.2

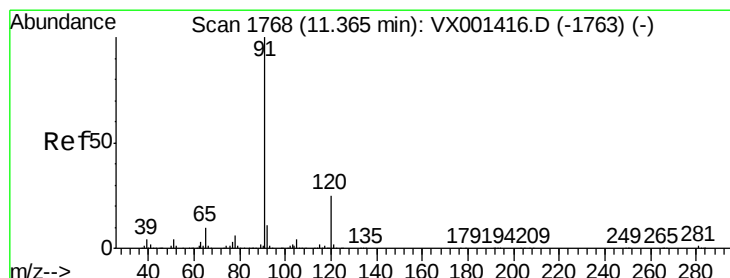
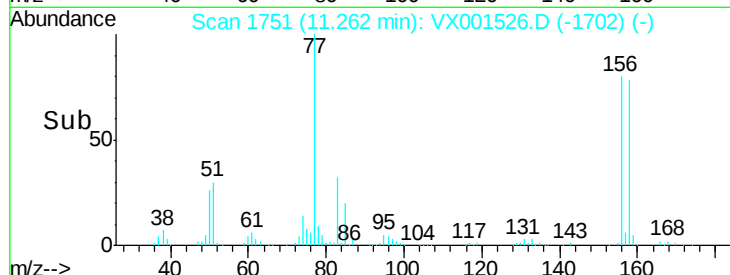
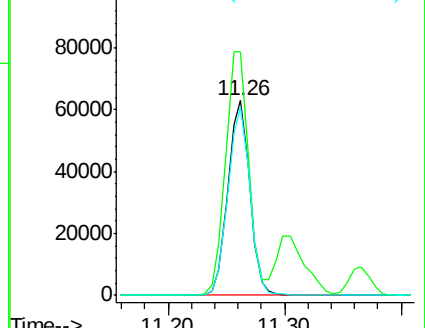
158 97.4 49.4 148.2



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: 21.62 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001526.D

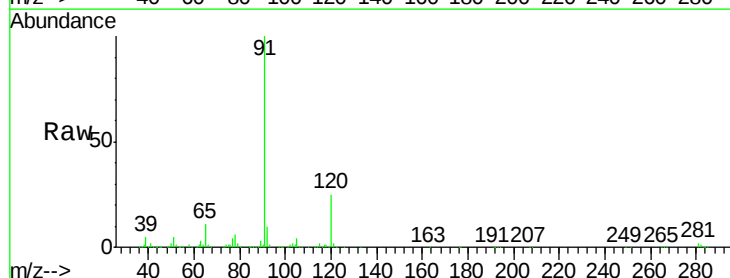
Acq: 08 May 2018 20:41

Tgt Ion: 91 Resp: 303809

Ion Ratio Lower Upper

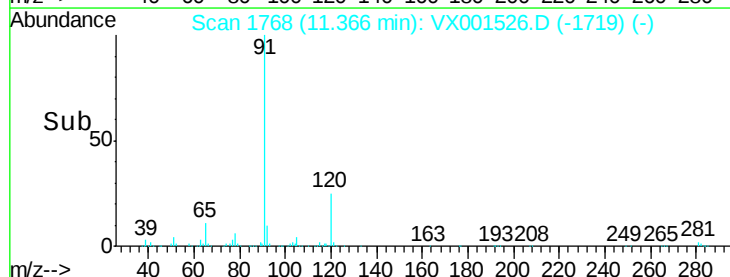
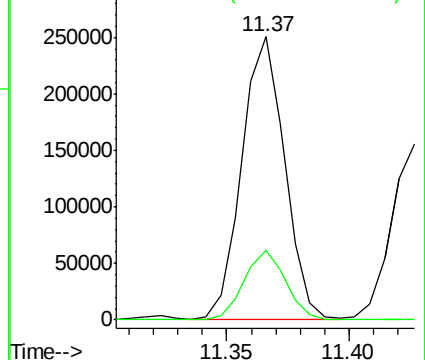
91 100

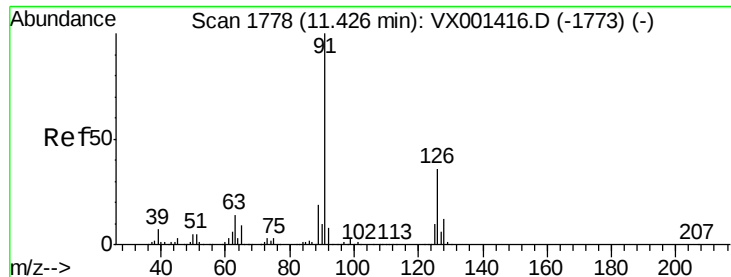
120 24.3 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.97 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

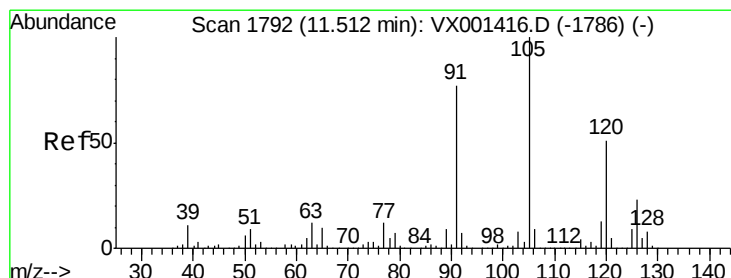
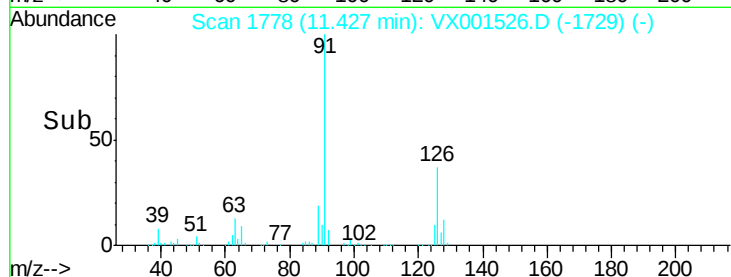
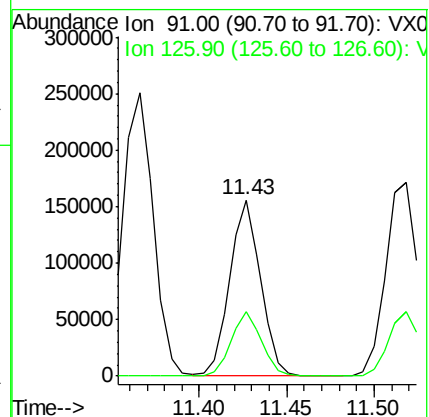
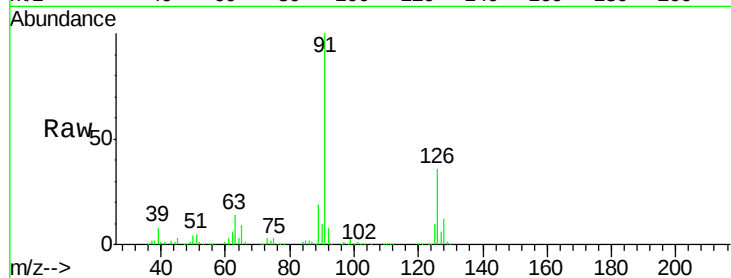
VX0508WBSD01

Tgt Ion: 91 Resp: 189966

Ion Ratio Lower Upper

91 100

126 36.0 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 21.65 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001526.D

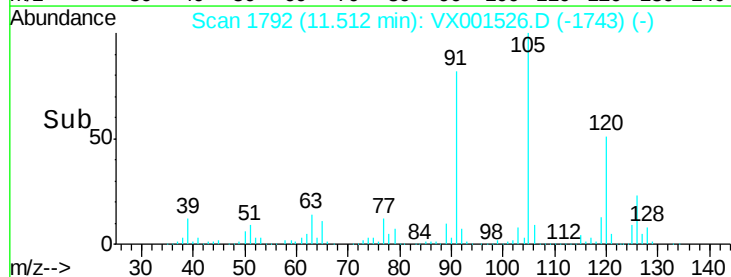
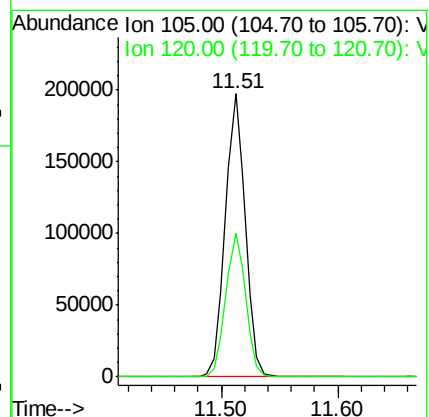
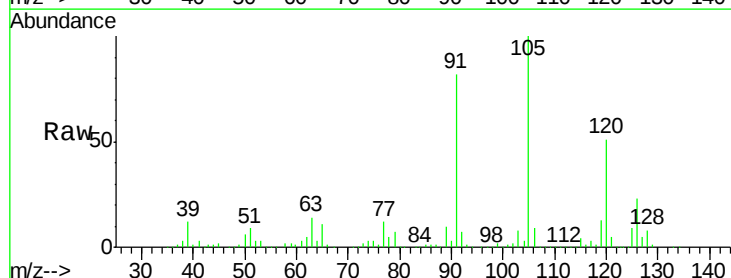
Acq: 08 May 2018 20:41

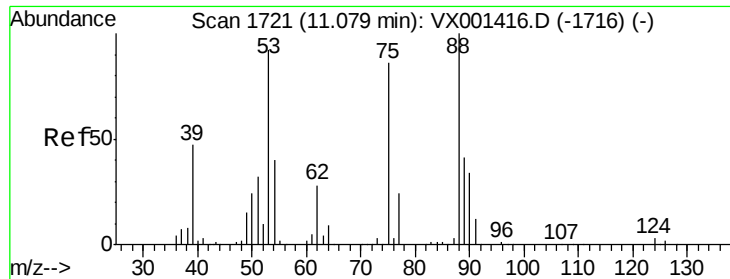
Tgt Ion: 105 Resp: 232648

Ion Ratio Lower Upper

105 100

120 51.0 25.7 77.1





#81

trans-1,4-Dichloro-2-butene

Concen: 19.10 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

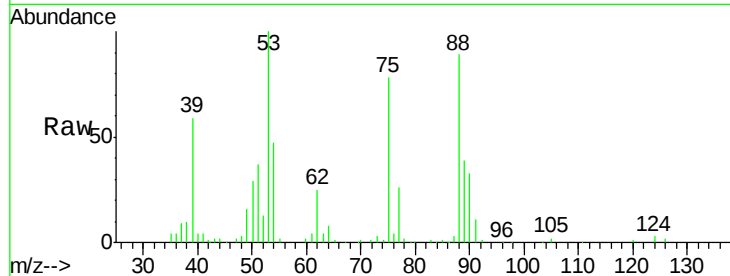
Tgt Ion: 75 Resp: 19211

Ion Ratio Lower Upper

75 100

53 124.4 84.5 126.7

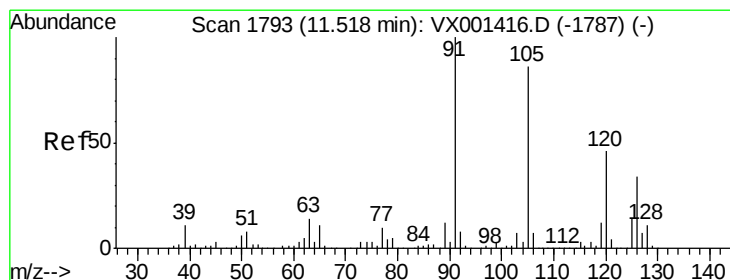
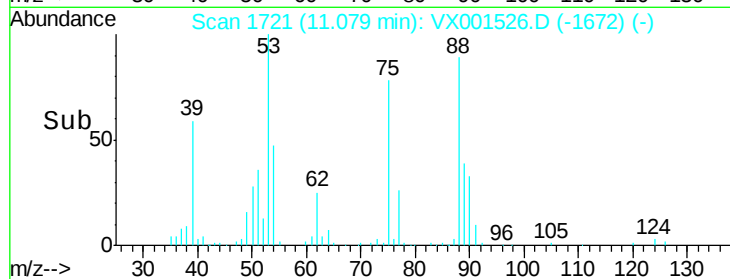
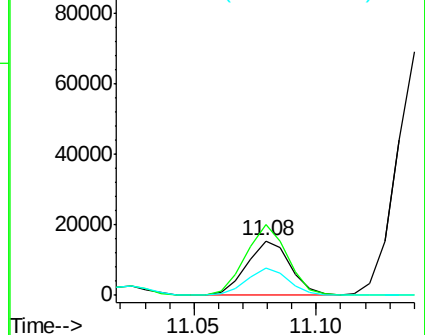
89 48.0 39.5 59.3



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: 22.08 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001526.D

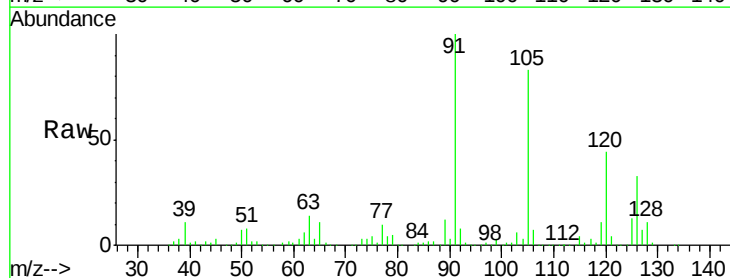
Acq: 08 May 2018 20:41

Tgt Ion: 91 Resp: 220236

Ion Ratio Lower Upper

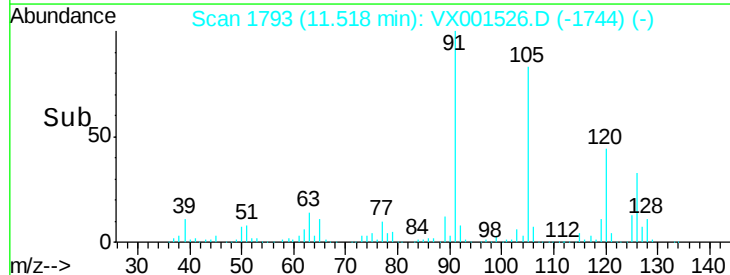
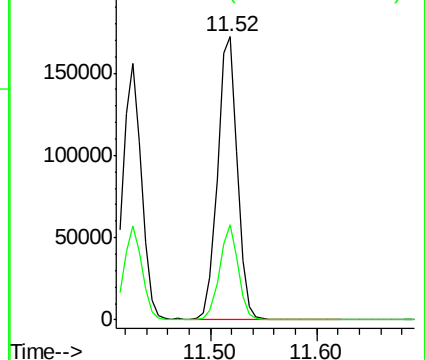
91 100

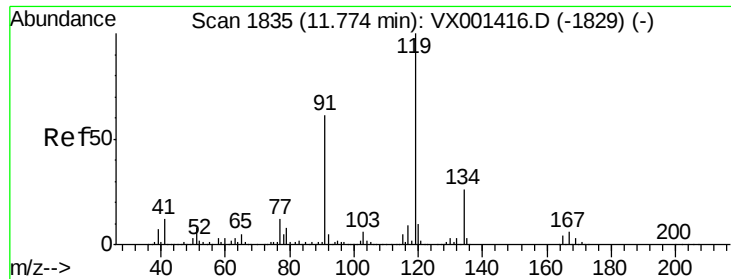
126 31.8 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

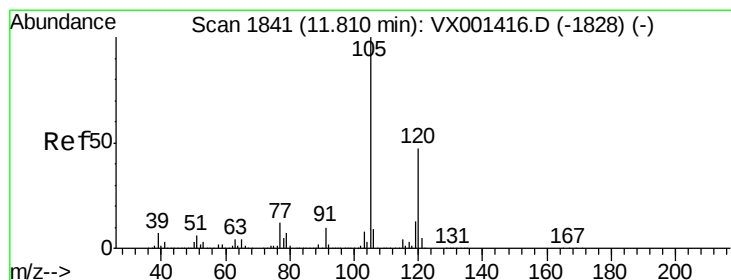
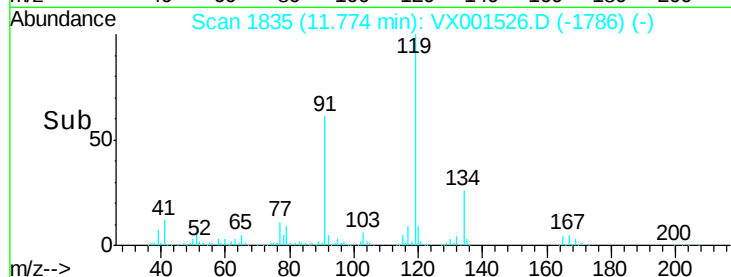
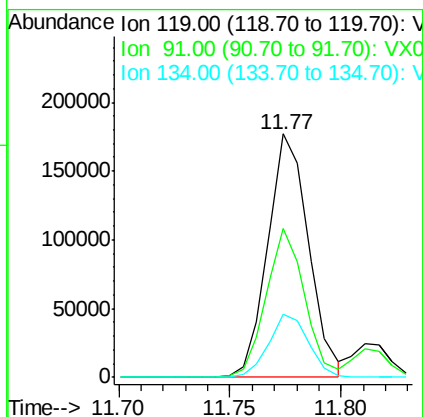
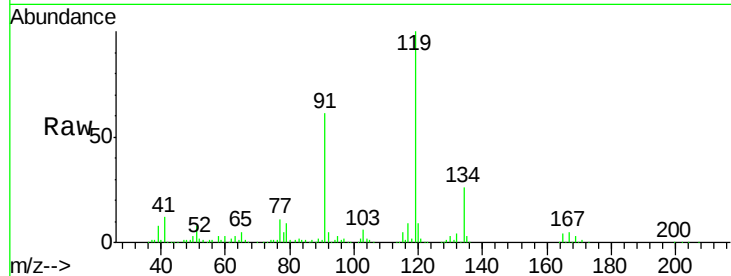




#83
 tert-Butylbenzene
 Concen: 21.11 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

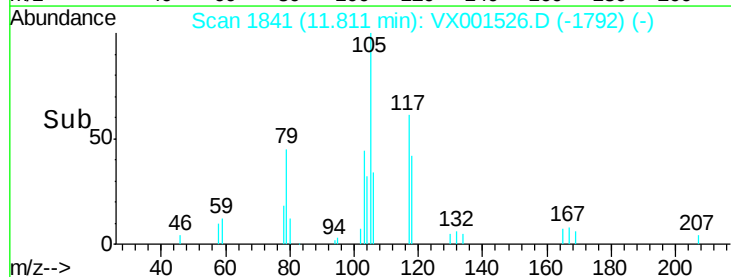
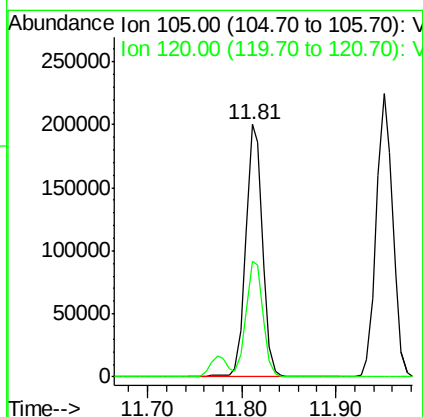
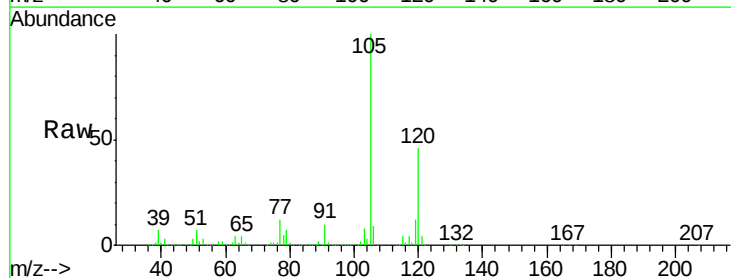
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

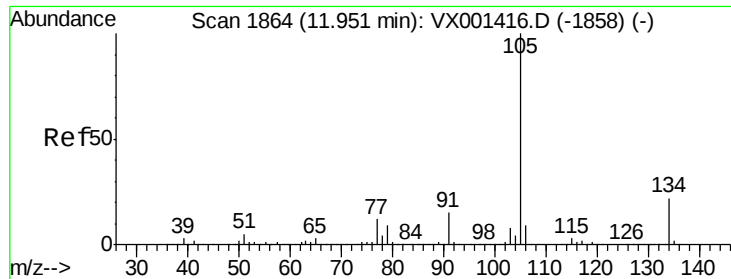
Tgt Ion:119 Resp: 225662
 Ion Ratio Lower Upper
 119 100
 91 57.6 27.8 83.3
 134 25.3 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 22.06 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Tgt Ion:105 Resp: 243614
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.4 70.2

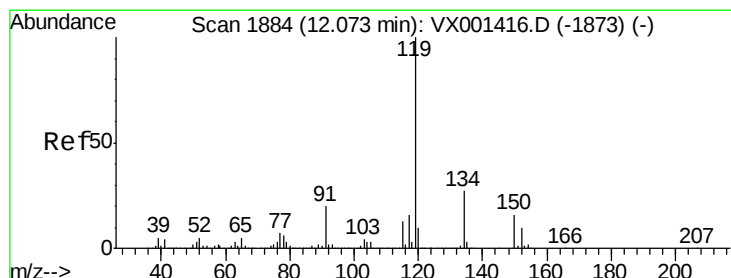
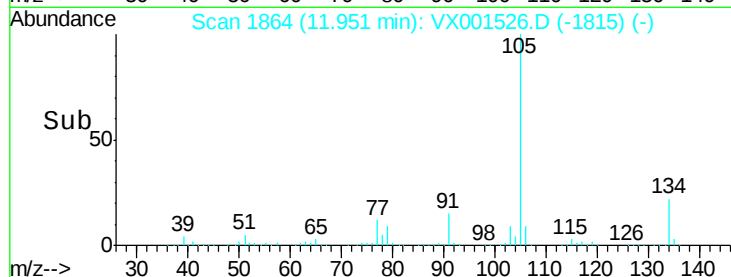
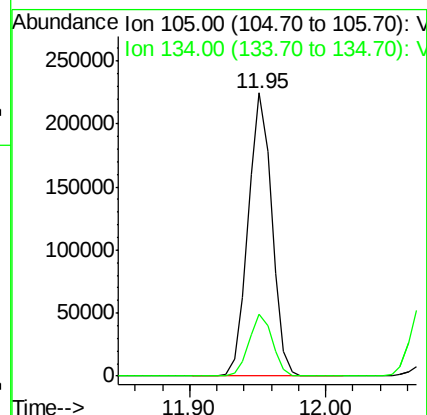
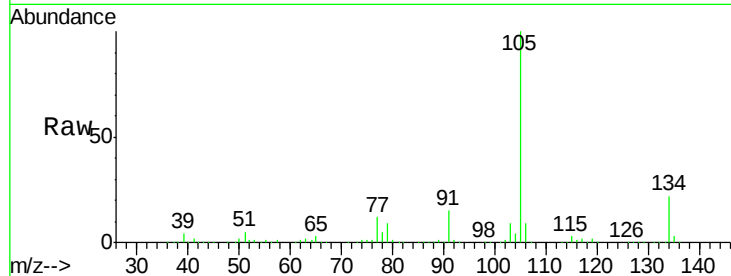




#85
 sec-Butylbenzene
 Concen: 21.29 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

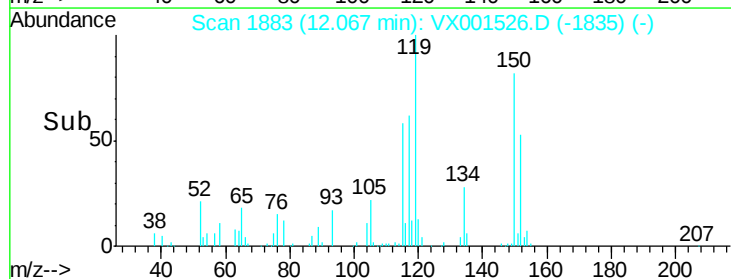
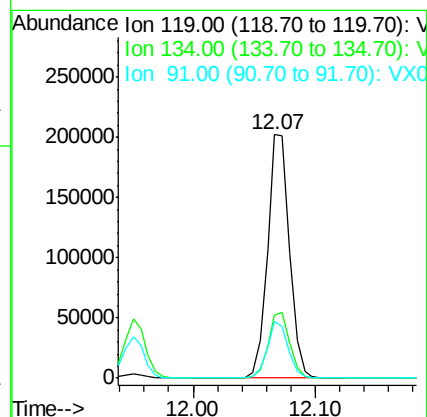
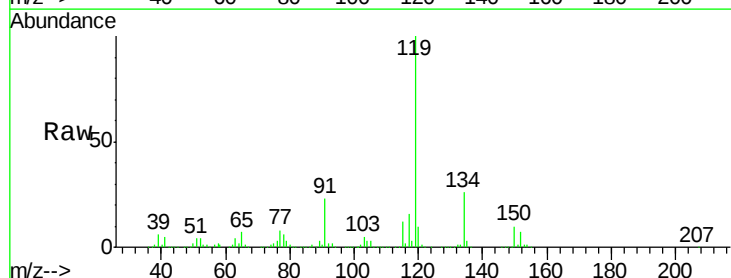
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

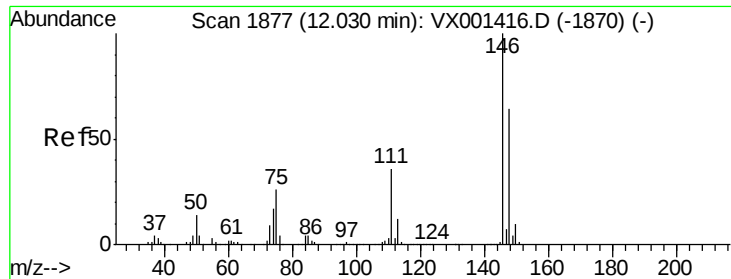
Tgt Ion:105 Resp: 273175
 Ion Ratio Lower Upper
 105 100
 134 21.9 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 21.47 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Tgt Ion:119 Resp: 252782
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.6 40.8
 91 22.3 10.8 32.3





#87

1,3-Dichlorobenzene

Concen: 21.24 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

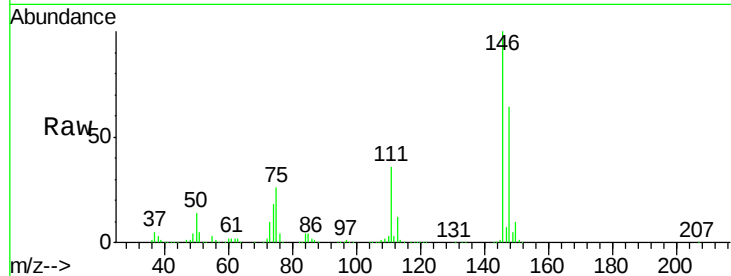
Tgt Ion:146 Resp: 142441

Ion Ratio Lower Upper

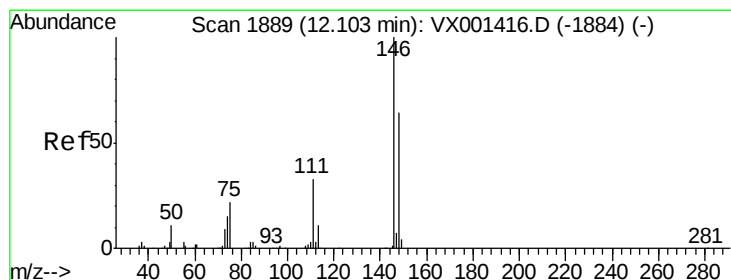
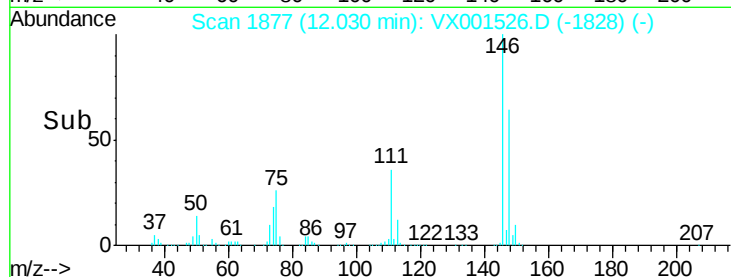
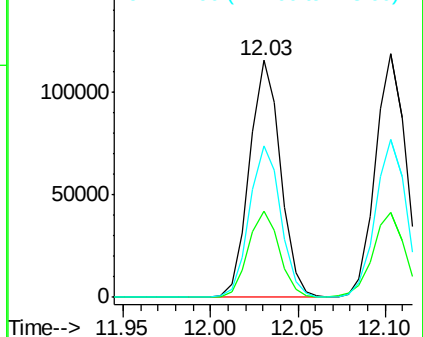
146 100

111 36.5 18.1 54.1

148 64.6 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: 20.98 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

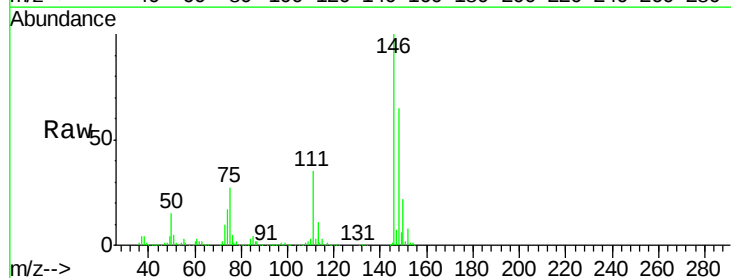
Tgt Ion:146 Resp: 143540

Ion Ratio Lower Upper

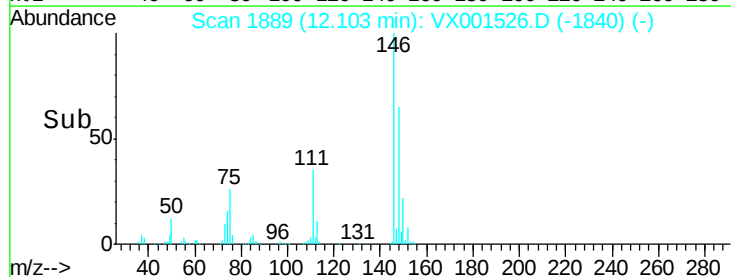
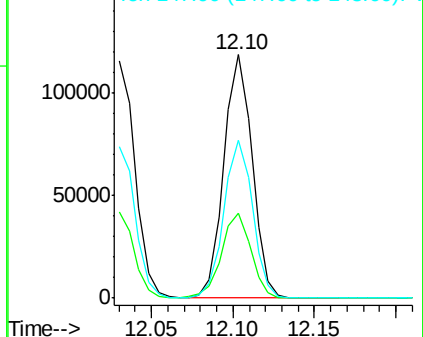
146 100

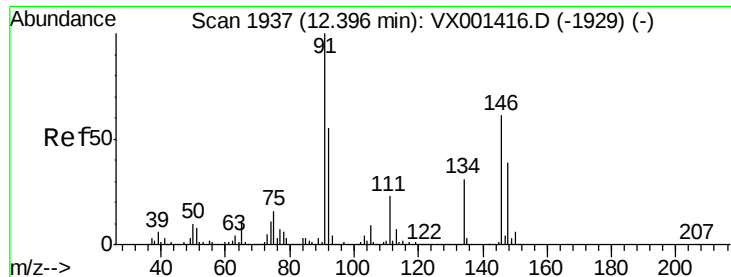
111 36.7 17.4 52.3

148 66.1 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: 19.75 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

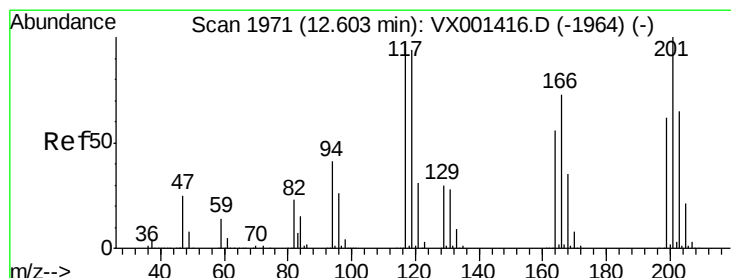
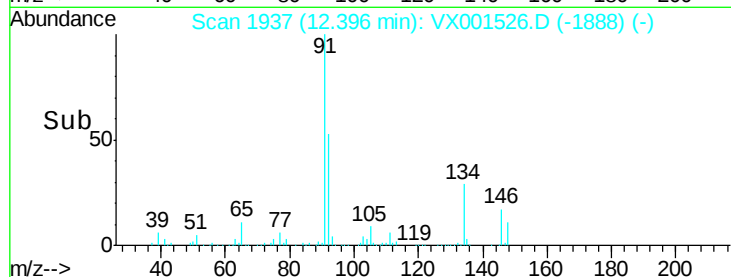
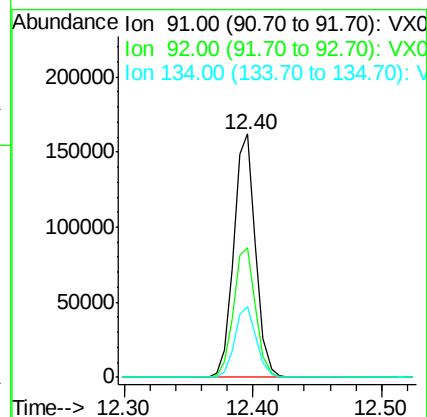
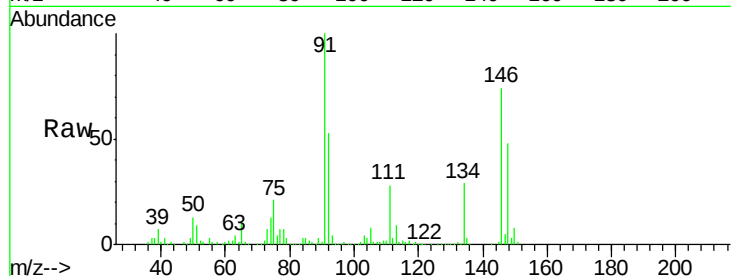
Tgt Ion: 91 Resp: 192605

Ion Ratio Lower Upper

91 100

92 53.9 27.2 81.5

134 28.8 14.6 44.0



#90

Hexachloroethane

Concen: 20.97 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001526.D

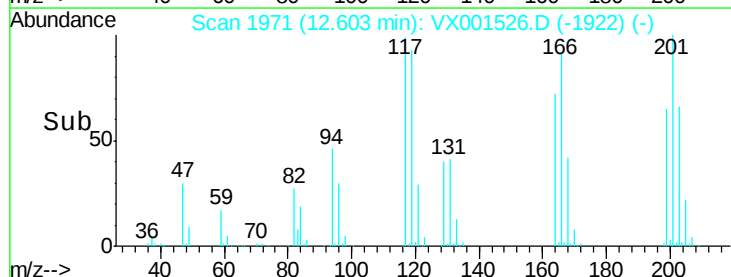
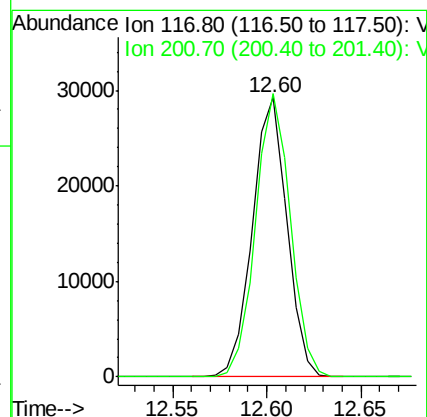
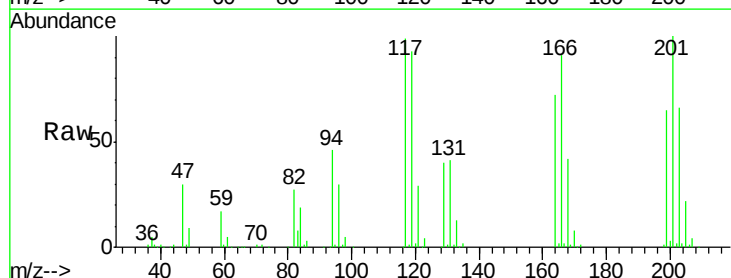
Acq: 08 May 2018 20:41

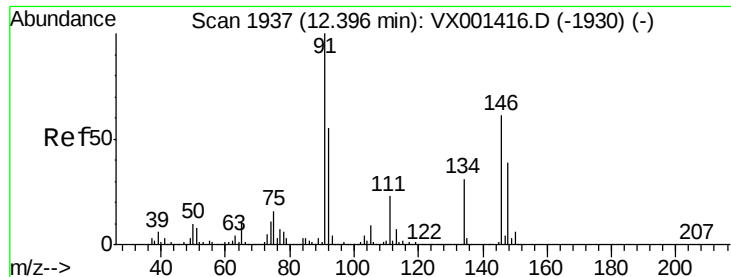
Tgt Ion: 117 Resp: 37172

Ion Ratio Lower Upper

117 100

201 101.7 51.5 154.5

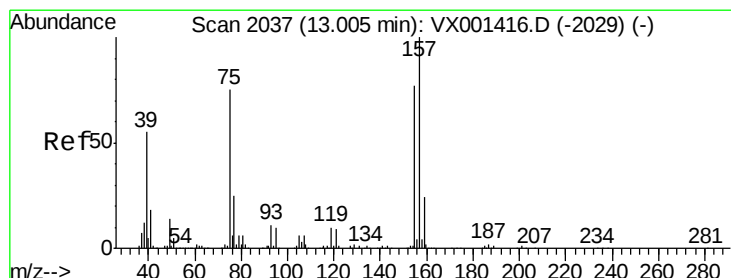
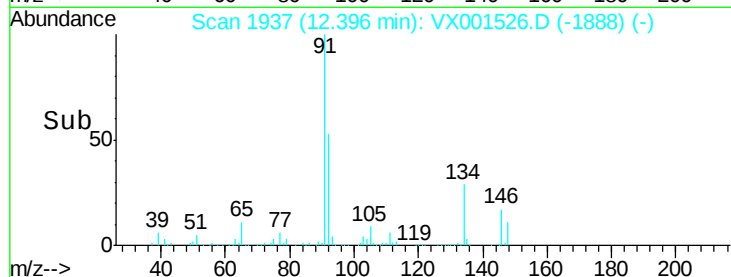
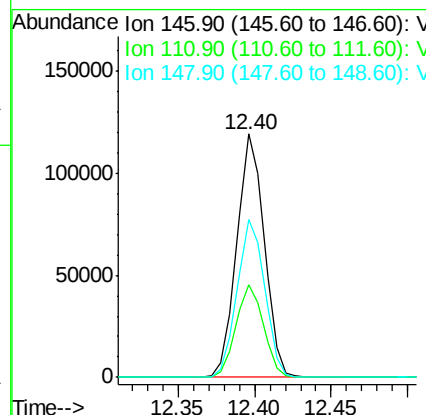
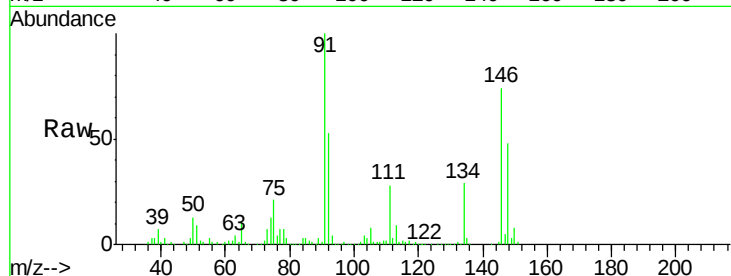




#91
 1,2-Dichlorobenzene
 Concen: 21.75 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

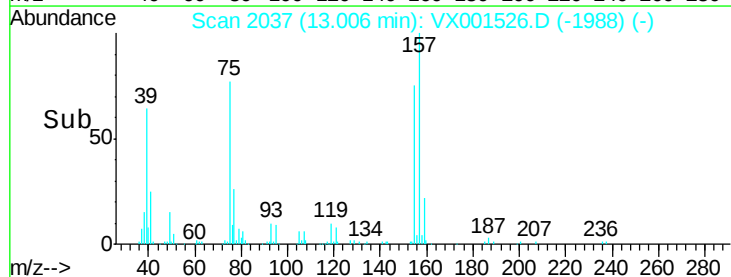
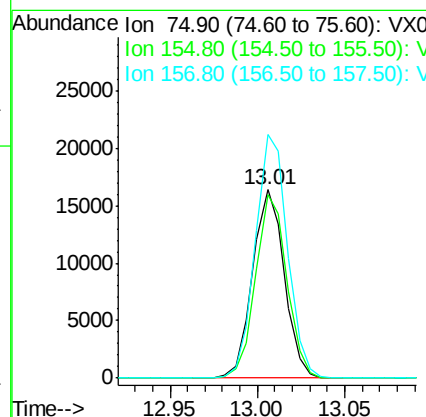
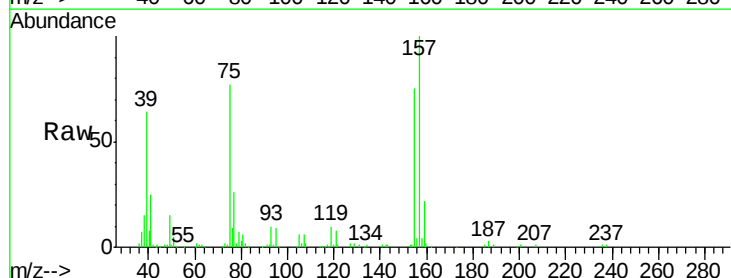
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

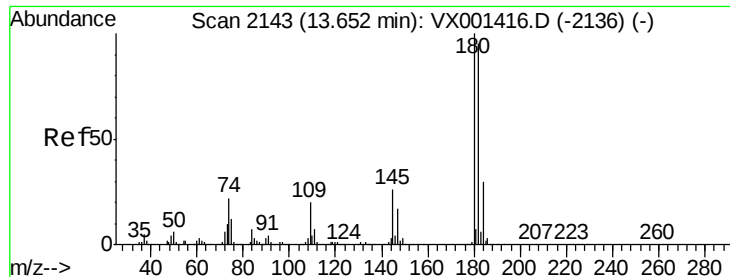
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	55.8
148	65.3	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.65 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001526.D
 Acq: 08 May 2018 20:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.1	53.4	160.2
157	130.8	68.3	204.8





#93

1,2,4-Trichlorobenzene

Concen: 20.65 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

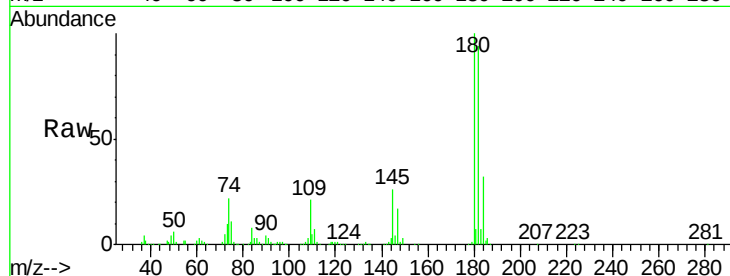
Tgt Ion:180 Resp: 103084

Ion Ratio Lower Upper

180 100

182 95.7 47.8 143.4

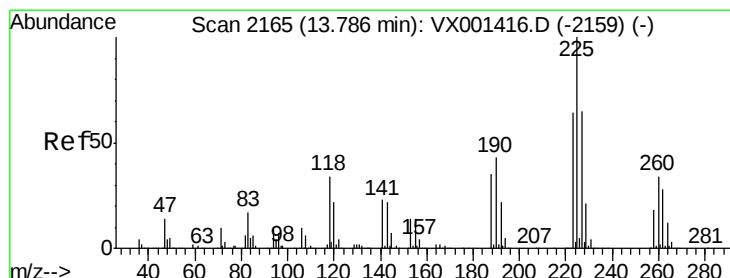
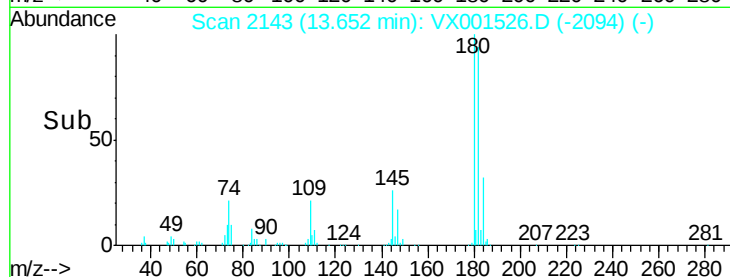
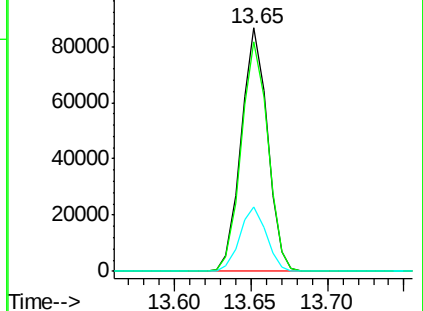
145 26.5 13.3 39.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.94 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

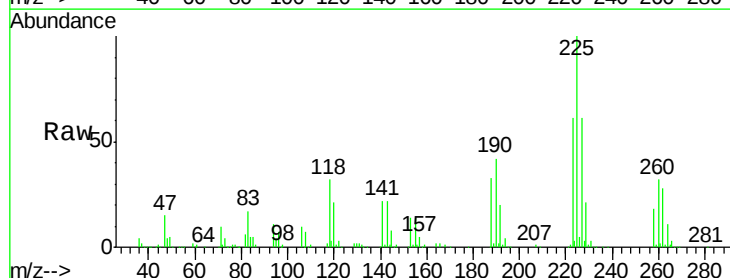
Tgt Ion:225 Resp: 54472

Ion Ratio Lower Upper

225 100

223 61.2 31.3 93.9

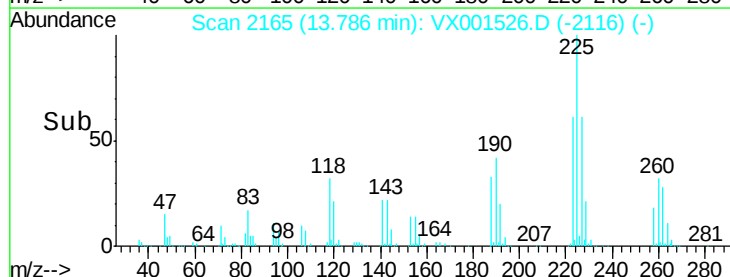
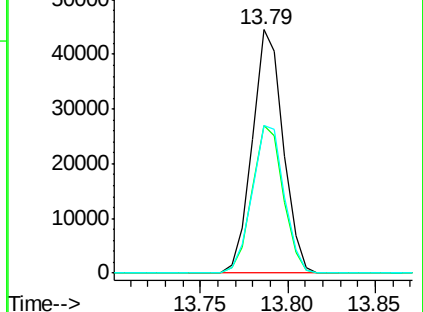
227 62.8 32.4 97.2

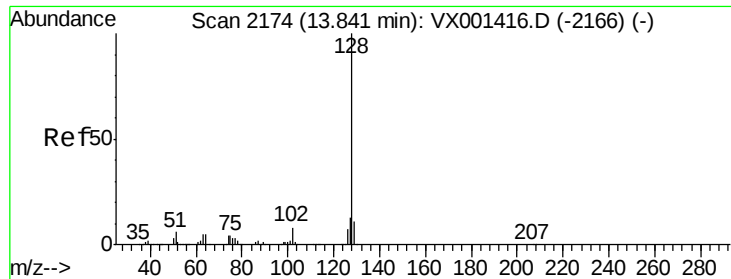


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 22.69 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

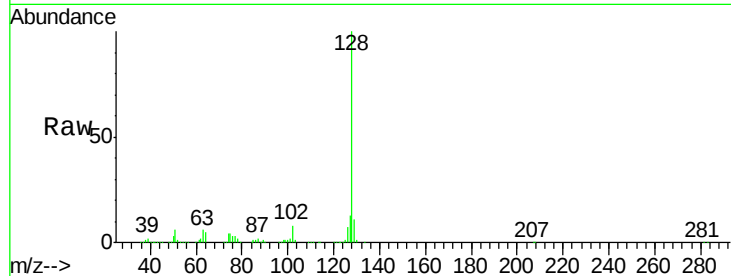
Tgt Ion:128 Resp: 313267

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

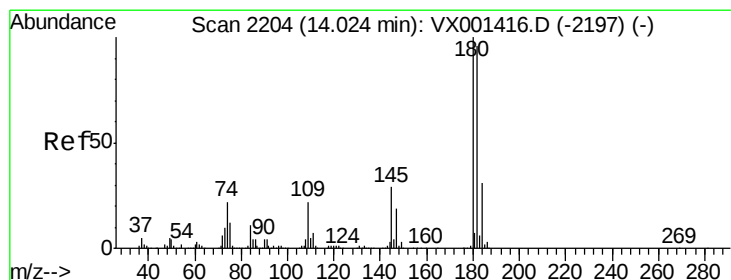
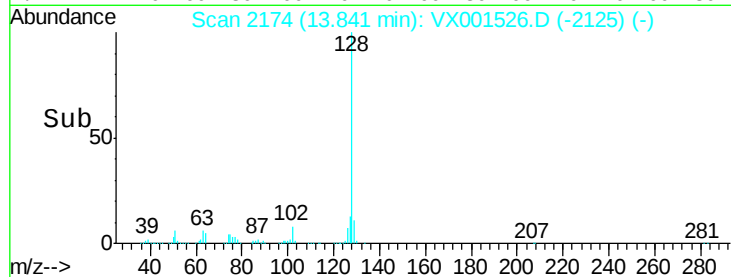
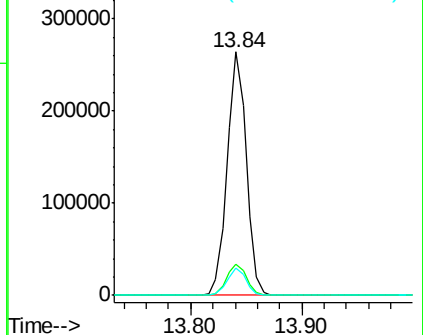
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.50 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001526.D

Acq: 08 May 2018 20:41

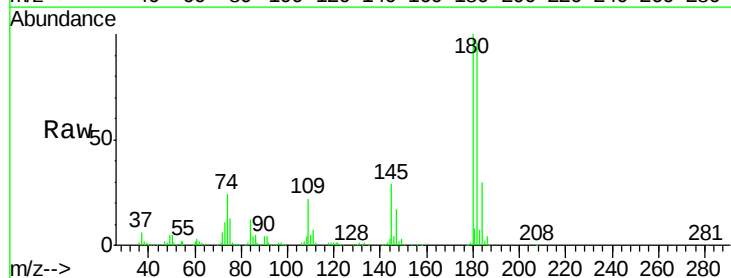
Tgt Ion:180 Resp: 110173

Ion Ratio Lower Upper

180 100

182 97.5 48.0 144.2

145 28.8 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

