

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042318\
 Data File : VX001072.D
 Acq On : 23 Apr 2018 21:00
 Operator : JC/MD
 Sample : VX0423WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD01

Quant Time: Apr 24 07:05:46 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	204390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	281531	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	268546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	180239	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	134061	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
35) Dibromofluoromethane	5.51	113	107570	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
50) Toluene-d8	8.72	98	385437	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
62) 4-Bromofluorobenzene	11.14	95	156730	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	54170	21.37	ug/l	100
3) Chloromethane	1.32	50	43648	18.49	ug/l	100
4) Vinyl Chloride	1.40	62	48869	19.98	ug/l	99
5) Bromomethane	1.65	94	32754	21.01	ug/l	100
6) Chloroethane	1.73	64	31447	21.63	ug/l	100
7) Trichlorofluoromethane	1.93	101	76660	20.86	ug/l	100
8) Diethyl Ether	2.19	74	28002	20.63	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43517	20.21	ug/l	99
10) Methyl Iodide	2.51	142	17180	14.46	ug/l	100
11) Tert butyl alcohol	3.08	59	46058	117.87	ug/l	99
12) 1,1-Dichloroethene	2.38	96	40281	20.23	ug/l	97
13) Acrolein	2.30	56	17938	151.85	ug/l	99
14) Allyl chloride	2.73	41	71785	19.92	ug/l	98
15) Acrylonitrile	3.15	53	110950	104.92	ug/l	99
16) Acetone	2.45	43	113215	116.04	ug/l	100
17) Carbon Disulfide	2.57	76	98178	17.30	ug/l	99
18) Methyl Acetate	2.78	43	71294	24.15	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	141408	21.12	ug/l	99
20) Methylene Chloride	2.86	84	46372	21.68	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	43330	19.55	ug/l	97
22) Diisopropyl ether	3.88	45	142794	20.47	ug/l	98
23) Vinyl Acetate	3.83	43	567781	98.30	ug/l	99
24) 1,1-Dichloroethane	3.70	63	79877	20.41	ug/l	100
25) 2-Butanone	4.71	43	163208	107.16	ug/l	100
26) 2,2-Dichloropropane	4.59	77	58425	17.36	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	49249	19.94	ug/l	98
28) Bromochloromethane	5.03	49	31726	21.08	ug/l	97
29) Tetrahydrofuran	5.18	42	101636	105.61	ug/l	100
30) Chloroform	5.23	83	82330	20.31	ug/l	99
31) Cyclohexane	5.58	56	69659	19.07	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	73058	20.11	ug/l	98
36) 1,1-Dichloropropene	5.81	75	60714	18.35	ug/l	99
37) Ethyl Acetate	4.87	43	61010	20.10	ug/l	100
38) Carbon Tetrachloride	5.79	117	63249	18.88	ug/l	99

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD01

Quant Time: Apr 24 07:05:46 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	69245	17.98	ug/l	97
40) Benzene	6.15	78	179341	19.50	ug/l	99
41) Methacrylonitrile	5.07	41	36130	19.06	ug/l	96
42) 1,2-Dichloroethane	6.21	62	69938	19.81	ug/l	99
43) Isopropyl Acetate	6.48	43	102866	19.76	ug/l	99
44) Trichloroethene	7.22	130	53662	19.10	ug/l	99
45) 1,2-Dichloropropane	7.53	63	45767	19.79	ug/l	100
46) Dibromomethane	7.67	93	31951	19.77	ug/l	98
47) Bromodichloromethane	7.91	83	57831	19.32	ug/l	99
48) Methyl methacrylate	7.79	41	55941	19.95	ug/l	99
49) 1,4-Dioxane	7.76	88	17622	427.45	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	333038	105.35	ug/l	98
52) Toluene	8.79	92	116795	19.46	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	67780	18.93	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	62740	18.58	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	47284	19.82	ug/l	97
56) Ethyl methacrylate	9.19	69	69120	19.72	ug/l	98
57) 1,3-Dichloropropane	9.38	76	78390	19.83	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	172594	100.91	ug/l	99
59) 2-Hexanone	9.51	43	250882	103.68	ug/l	98
60) Dibromochloromethane	9.59	129	47481	18.95	ug/l	99
61) 1,2-Dibromoethane	9.68	107	50007	19.86	ug/l	99
64) Tetrachloroethene	9.34	164	57336	20.11	ug/l	99
65) Chlorobenzene	10.15	112	150496	21.05	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	47919	19.52	ug/l	99
67) Ethyl Benzene	10.26	91	227280	19.14	ug/l	100
68) m/p-Xylenes	10.37	106	177606	37.95	ug/l	98
69) o-Xylene	10.71	106	86645	19.20	ug/l	97
70) Styrene	10.72	104	141333	19.02	ug/l	99
71) Bromoform	10.87	173	37283	18.15	ug/l	100
73) Isopropylbenzene	11.02	105	235190	19.96	ug/l	100
74) N-amyl acetate	6.48	43	102866	20.41	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	70172	21.04	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	75546	24.16	ug/l	88
77) Bromobenzene	11.26	156	66190	19.35	ug/l	97
78) n-propylbenzene	11.37	91	263530	19.48	ug/l	99
79) 2-Chlorotoluene	11.43	91	158495	19.83	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	198760	19.90	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	14900	16.92	ug/l	90
82) 4-Chlorotoluene	11.52	91	185744	19.23	ug/l	100
83) tert-Butylbenzene	11.77	119	198561	19.71	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	204498	19.89	ug/l	99
85) sec-Butylbenzene	11.95	105	237286	19.73	ug/l	100
86) p-Isopropyltoluene	12.07	119	214543	19.28	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	122071	19.06	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	124854	19.00	ug/l	99
89) n-Butylbenzene	12.40	91	180073	18.19	ug/l	99
90) Hexachloroethane	12.60	117	29920	18.98	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	122364	19.74	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14642	20.95	ug/l	92

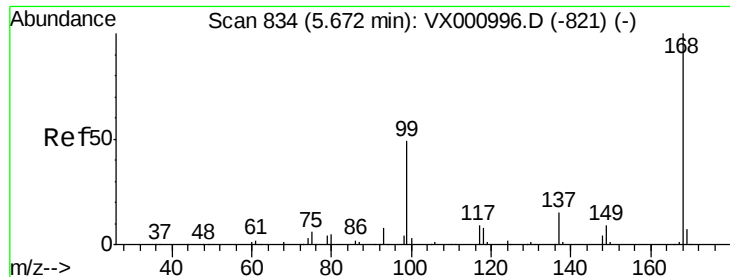
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042318\
Data File : VX001072.D
Acq On : 23 Apr 2018 21:00
Operator : JC/MD
Sample : VX0423WBSD01
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MSVOA_X
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Quant Time: Apr 24 07:05:46 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	93177	17.91	ug/l	99
94) Hexachlorobutadiene	13.79	225	44147	18.75	ug/l	97
95) Naphthalene	13.84	128	258720	20.22	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	94082	18.69	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

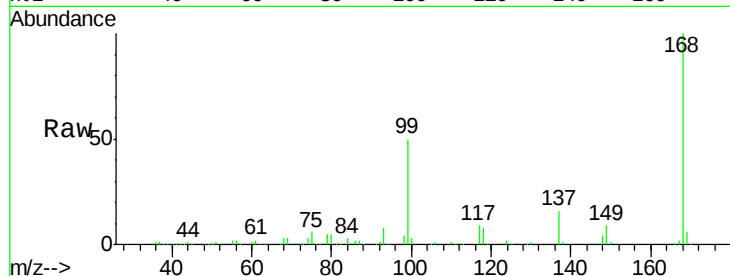
VX0423WBSD01

Tgt Ion:168 Resp: 204390

Ion Ratio Lower Upper

168 100

99 49.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

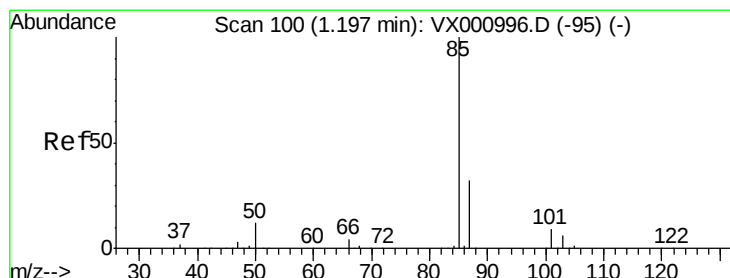
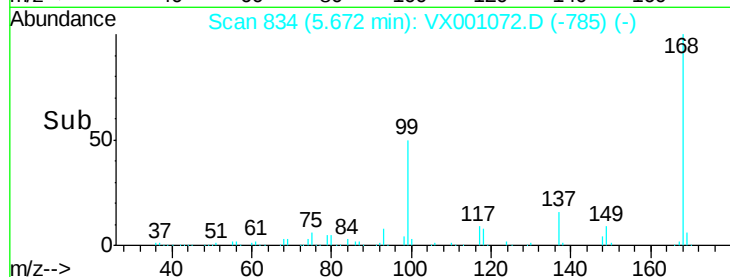
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.37 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001072.D

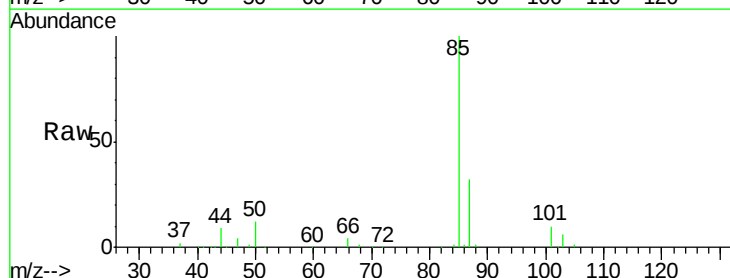
Acq: 23 Apr 2018 21:00

Tgt Ion: 85 Resp: 54170

Ion Ratio Lower Upper

85 100

87 31.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

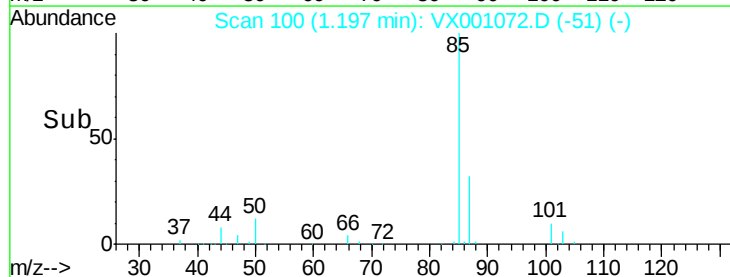
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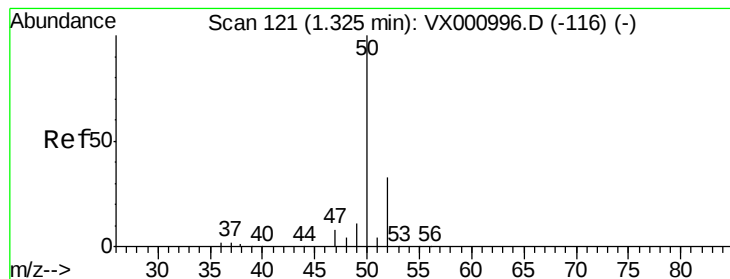
20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.49 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

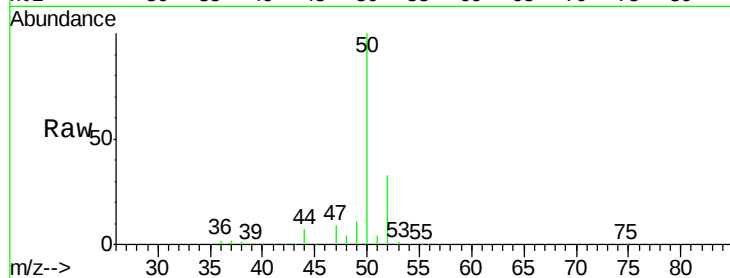
VX0423WBSD01

Tgt Ion: 50 Resp: 43648

Ion Ratio Lower Upper

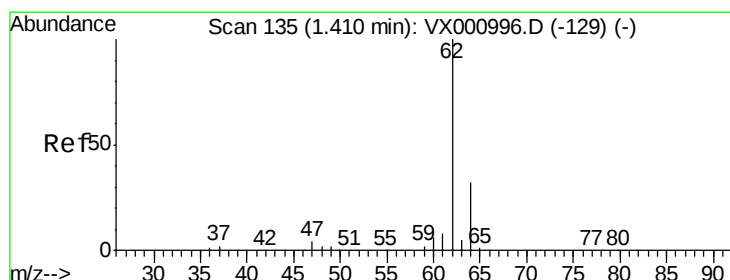
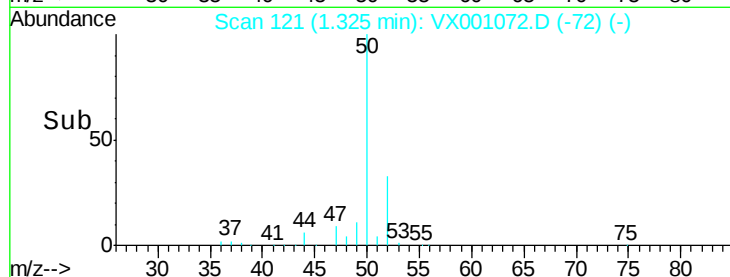
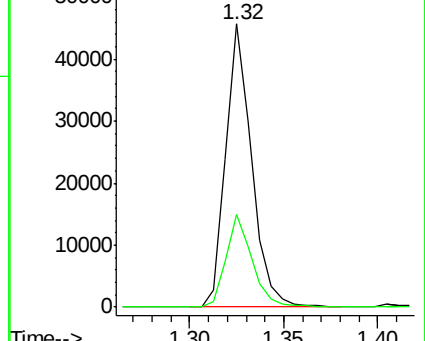
50 100

52 32.7 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.98 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001072.D

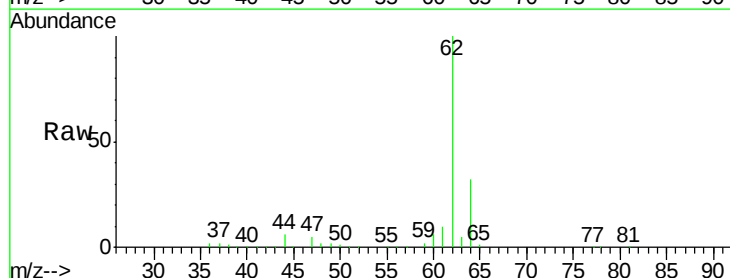
Acq: 23 Apr 2018 21:00

Tgt Ion: 62 Resp: 48869

Ion Ratio Lower Upper

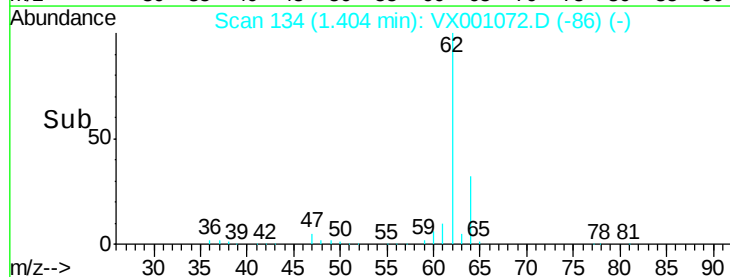
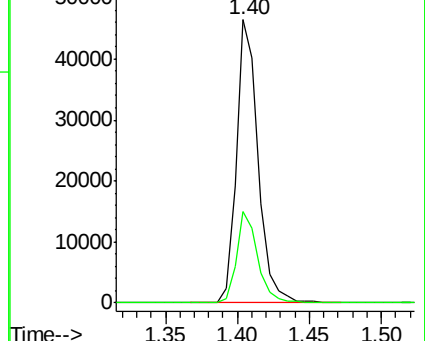
62 100

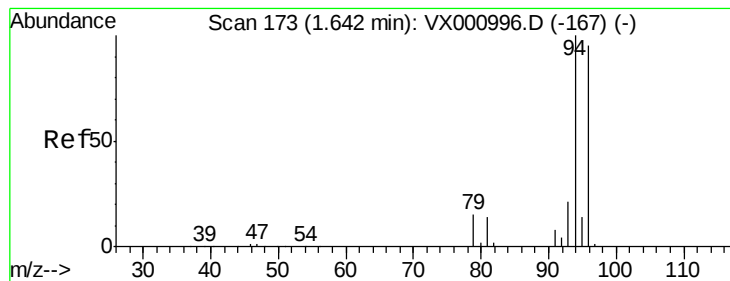
64 32.3 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.01 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

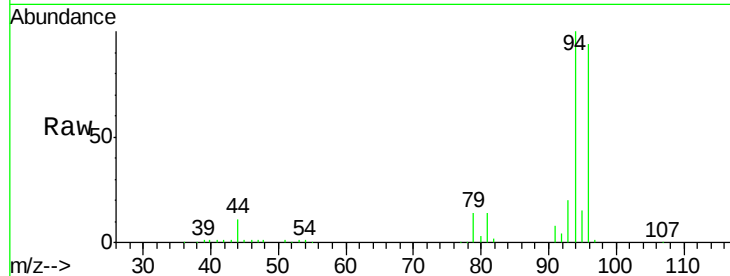
VX0423WBSD01

Tgt Ion: 94 Resp: 32754

Ion Ratio Lower Upper

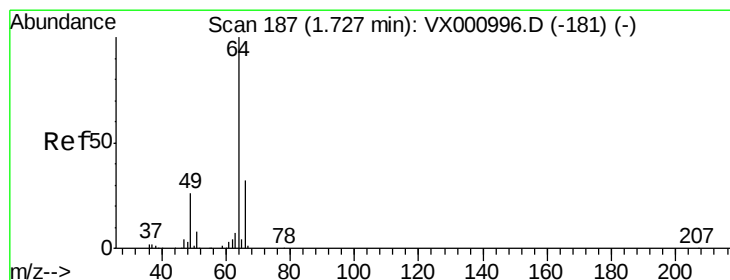
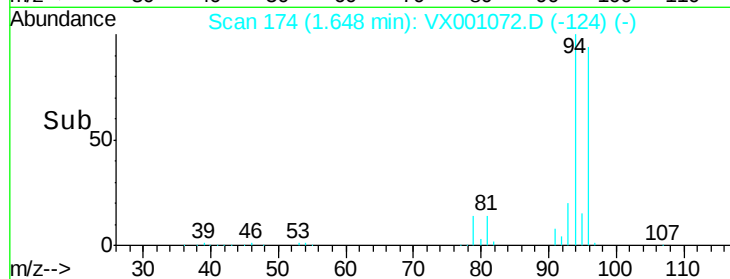
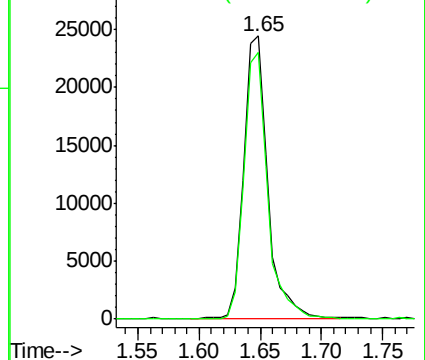
94 100

96 94.6 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.63 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX001072.D

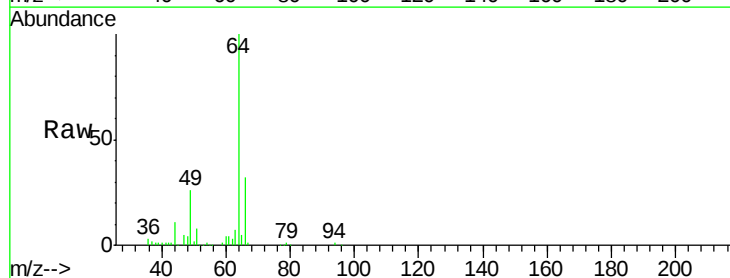
Acq: 23 Apr 2018 21:00

Tgt Ion: 64 Resp: 31447

Ion Ratio Lower Upper

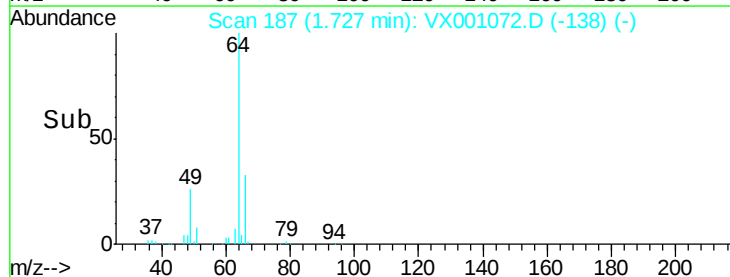
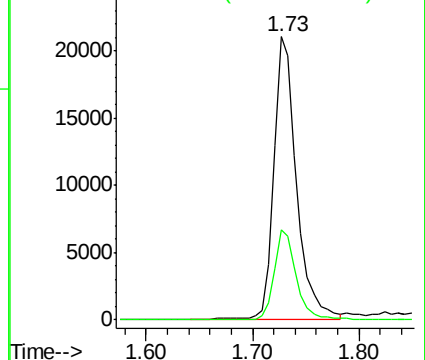
64 100

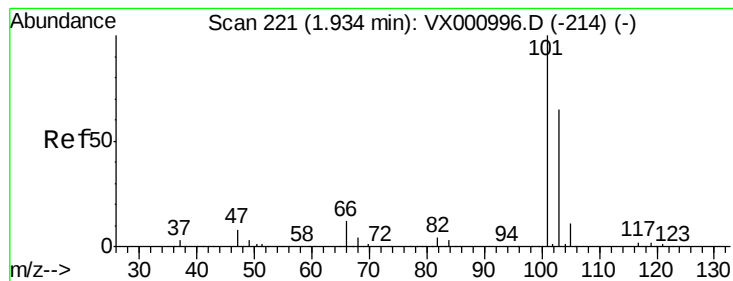
66 31.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



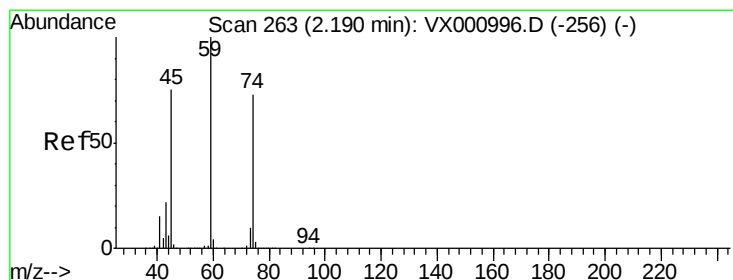
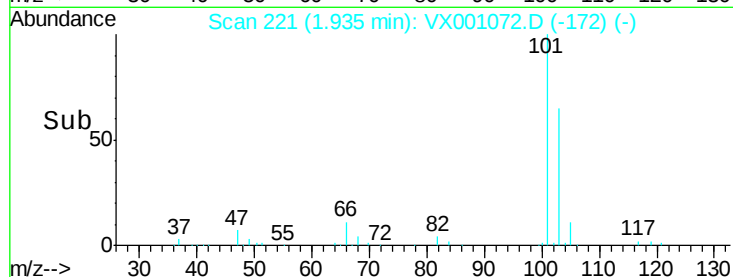
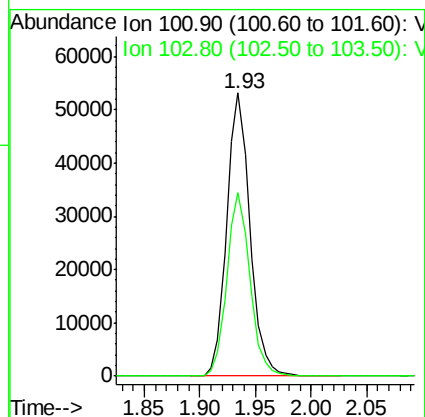
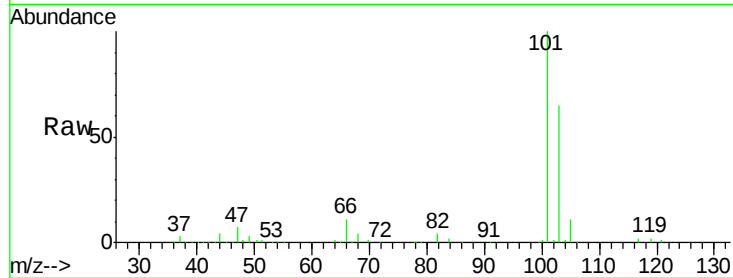


#7

Trichlorofluoromethane
 Concen: 20.86 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX001072.D
 Acq: 23 Apr 2018 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD01

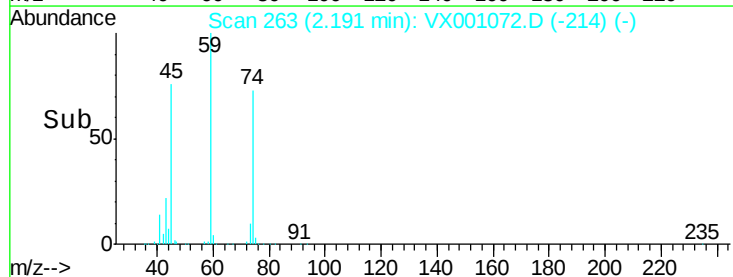
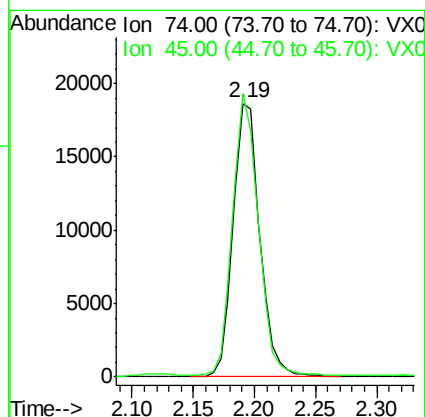
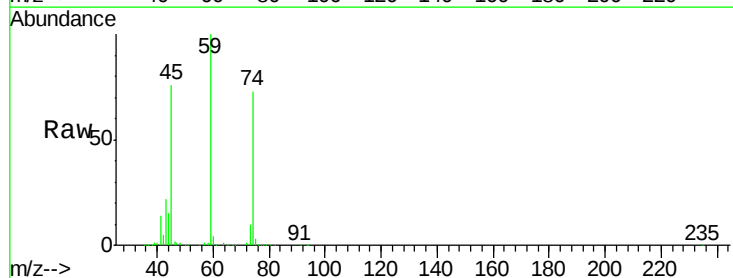
Tgt Ion:101 Resp: 76660
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.8 77.8

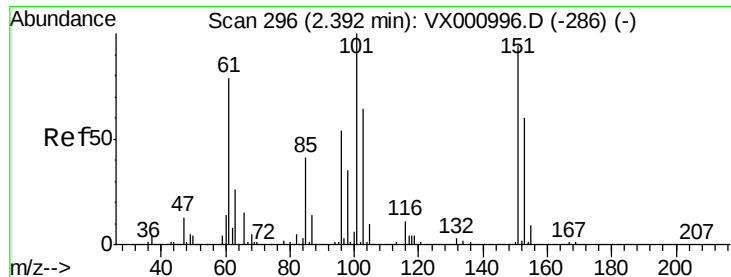


#8

Diethyl Ether
 Concen: 20.63 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001072.D
 Acq: 23 Apr 2018 21:00

Tgt Ion: 74 Resp: 28002
 Ion Ratio Lower Upper
 74 100
 45 98.8 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.21 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

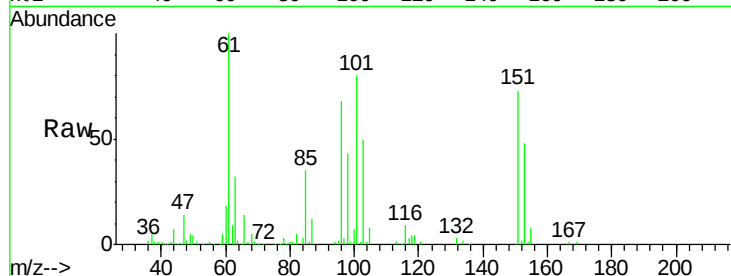
Tgt Ion:101 Resp: 43517

Ion Ratio Lower Upper

101 100

85 43.6 33.9 50.9

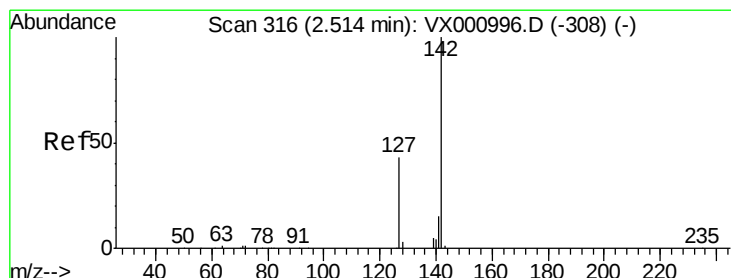
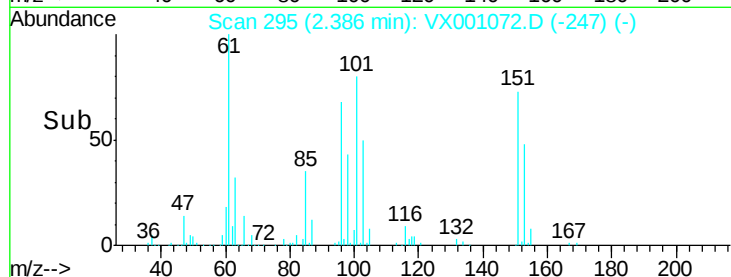
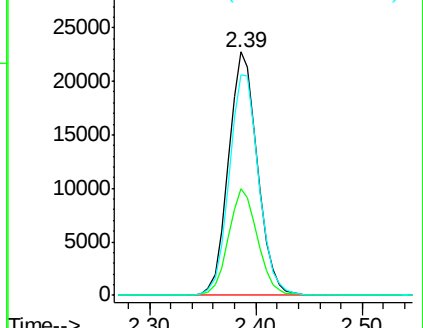
151 92.3 73.5 110.3



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: 14.46 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

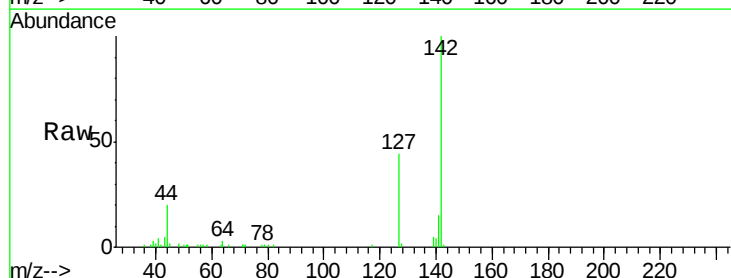
Tgt Ion:142 Resp: 17180

Ion Ratio Lower Upper

142 100

127 42.3 34.0 51.0

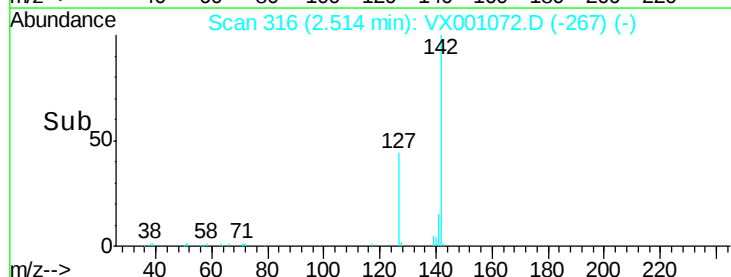
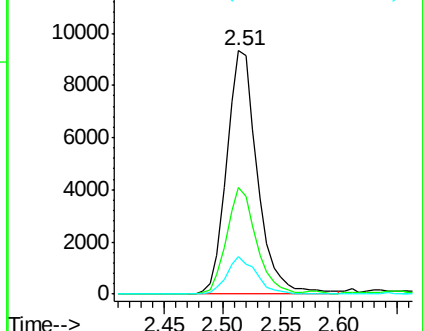
141 14.6 11.4 17.2

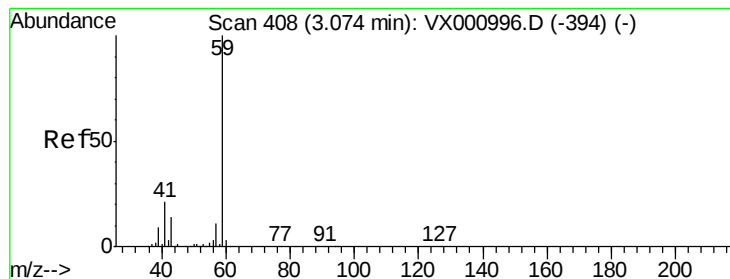


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 117.87 ug/l

RT: 3.08 min Scan# 409

Delta R.T. 0.01 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

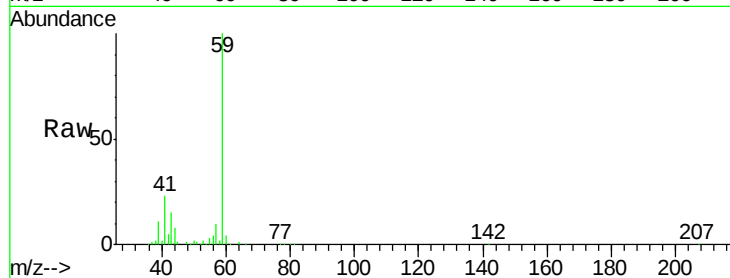
VX0423WBSD01

Tgt Ion: 59 Resp: 46058

Ion Ratio Lower Upper

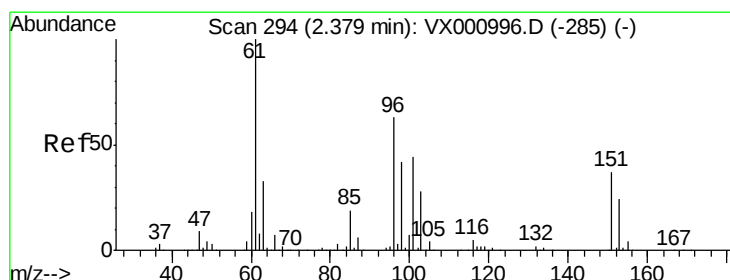
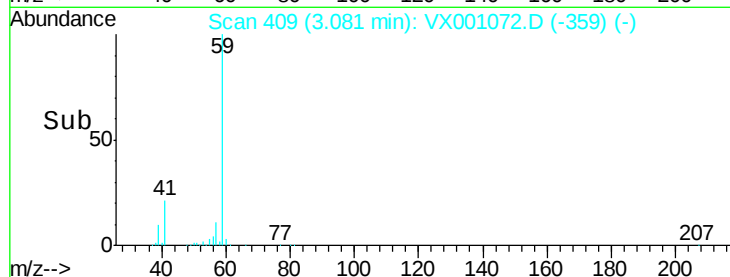
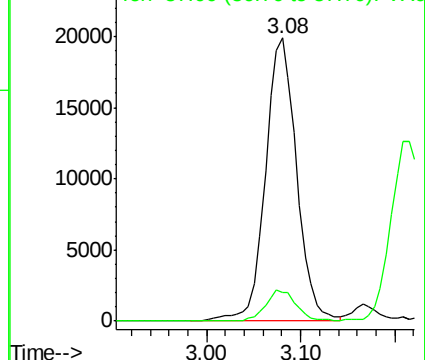
59 100

57 10.7 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 20.23 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

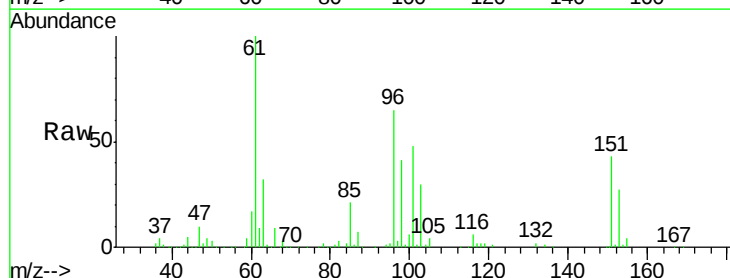
Tgt Ion: 96 Resp: 40281

Ion Ratio Lower Upper

96 100

61 154.1 126.4 189.6

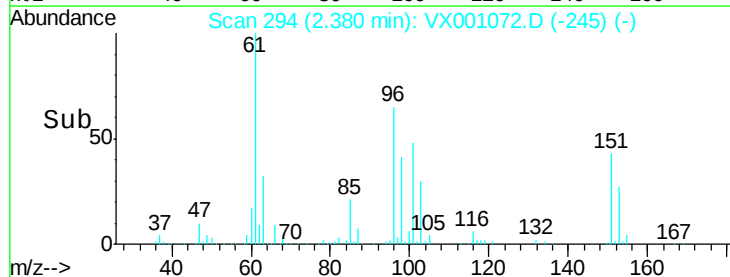
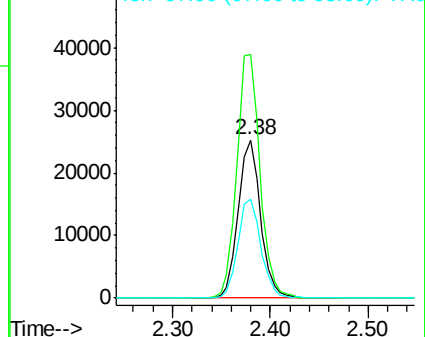
98 63.0 52.6 78.8

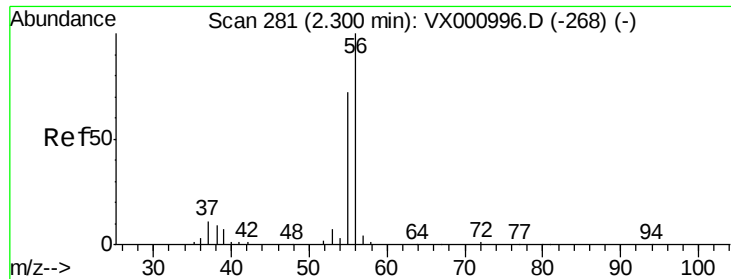


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 151.85 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

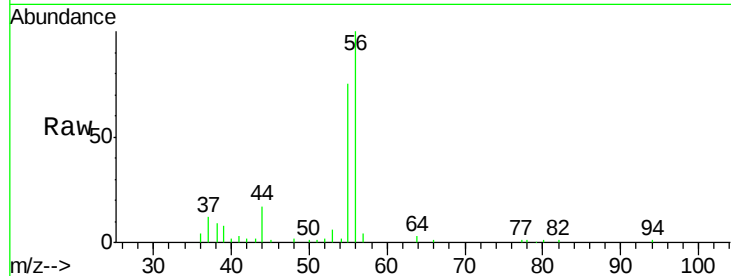
VX0423WBSD01

Tgt Ion: 56 Resp: 17938

Ion Ratio Lower Upper

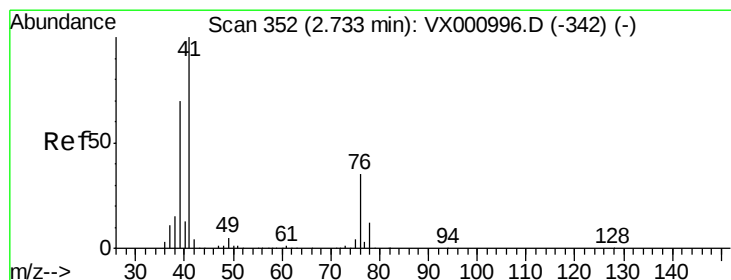
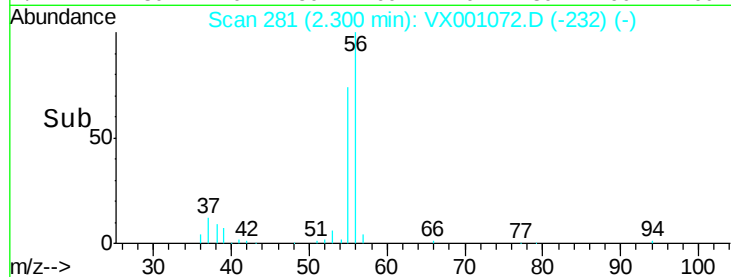
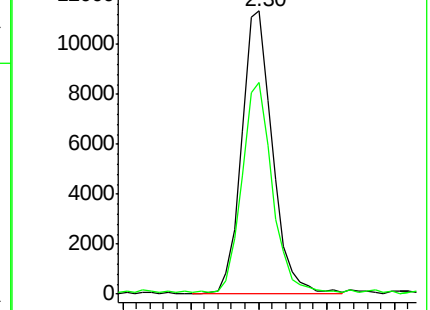
56 100

55 72.3 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.92 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

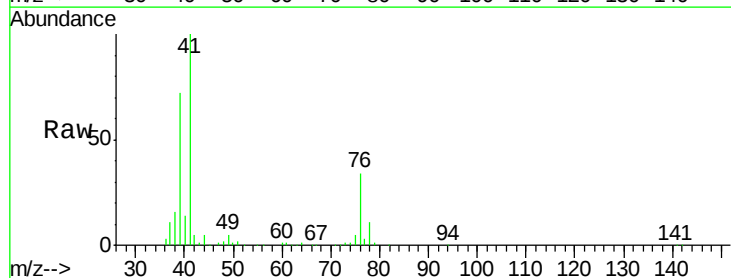
Tgt Ion: 41 Resp: 71785

Ion Ratio Lower Upper

41 100

39 67.9 53.0 79.6

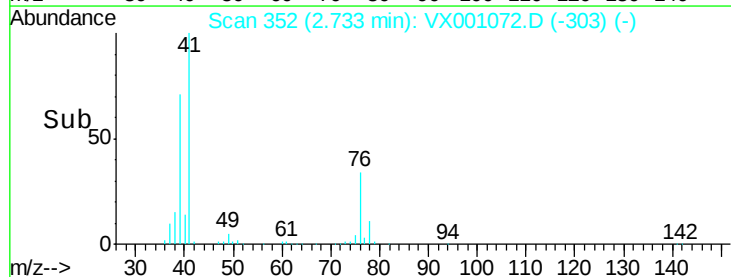
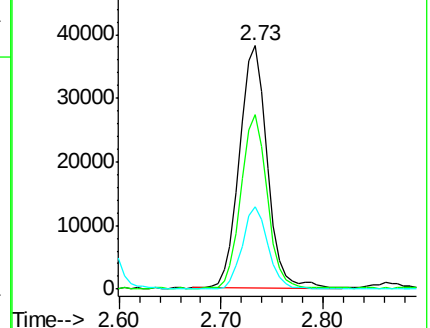
76 31.6 25.9 38.9

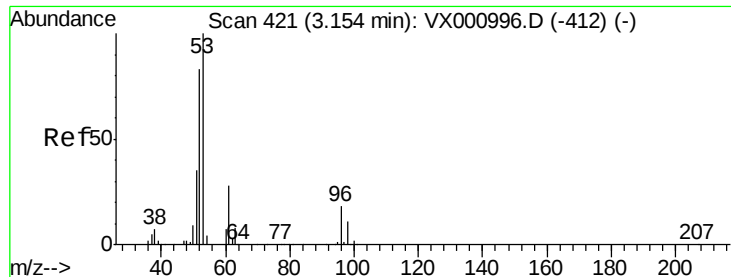


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 104.92 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

Instrument :

MSVOA_X

ClientSampled :

VX0423WBSD01

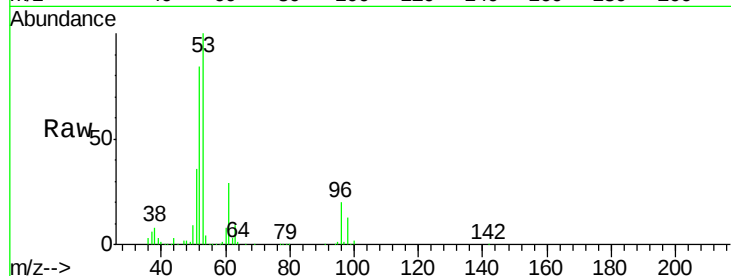
Tgt Ion: 53 Resp: 110950

Ion Ratio Lower Upper

53 100

52 84.1 66.4 99.6

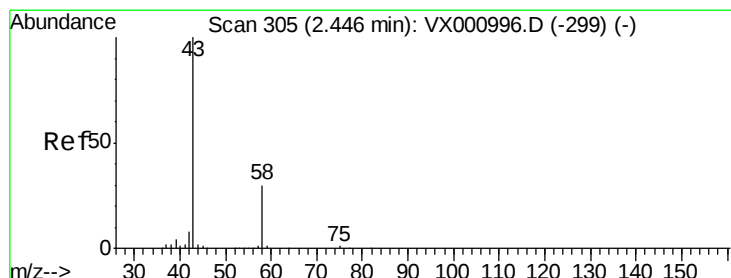
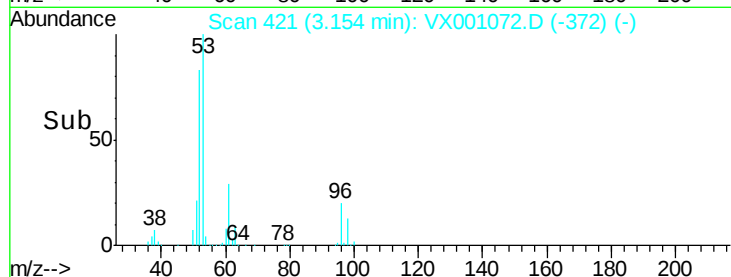
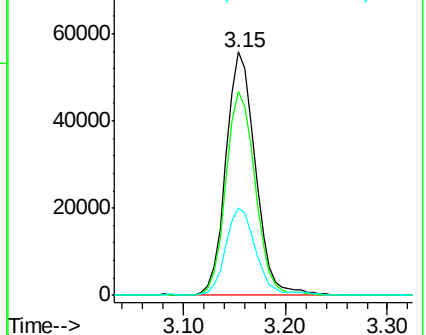
51 36.9 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 116.04 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001072.D

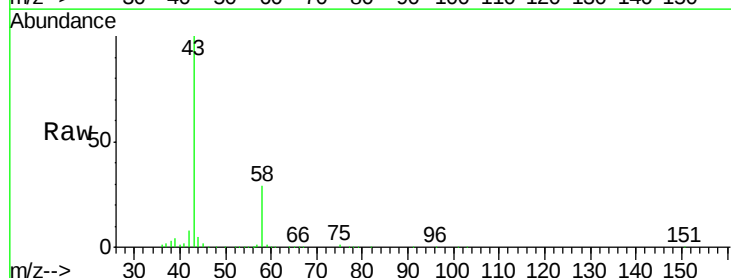
Acq: 23 Apr 2018 21:00

Tgt Ion: 43 Resp: 113215

Ion Ratio Lower Upper

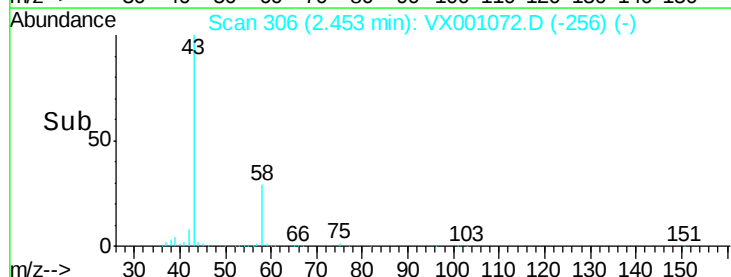
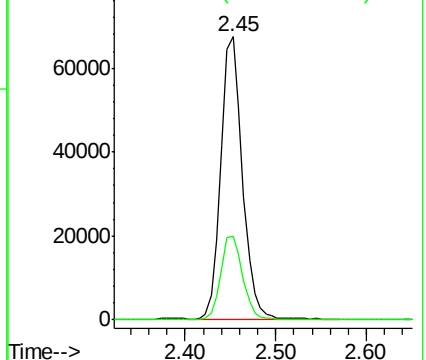
43 100

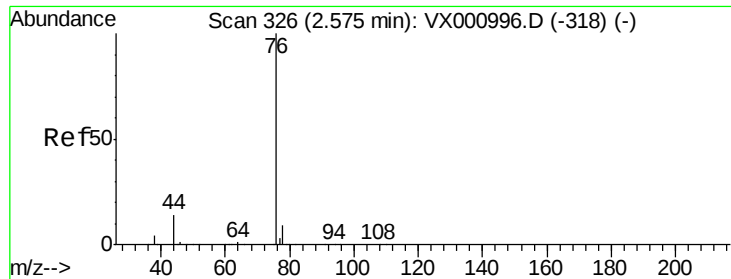
58 29.4 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

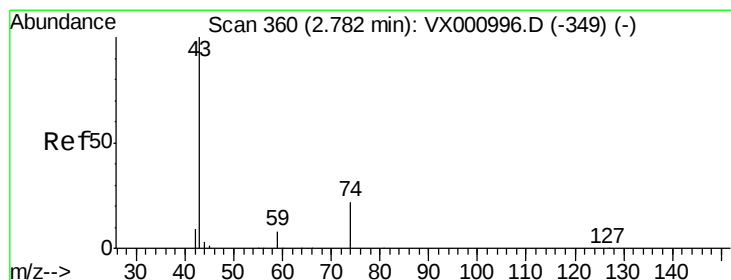
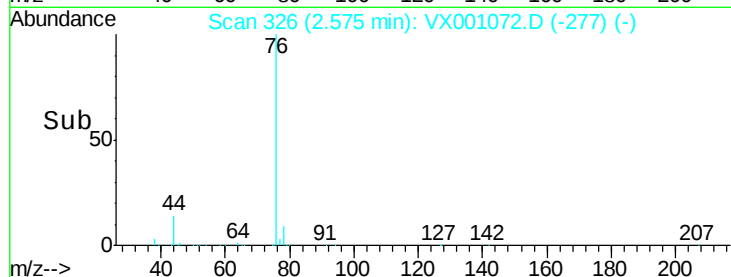
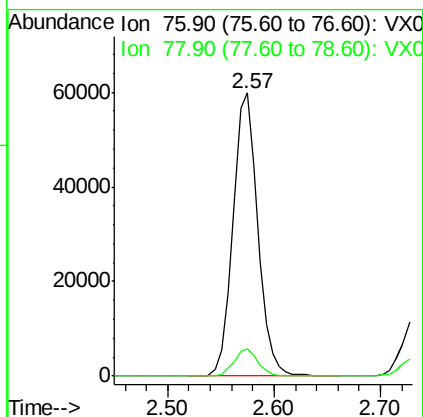
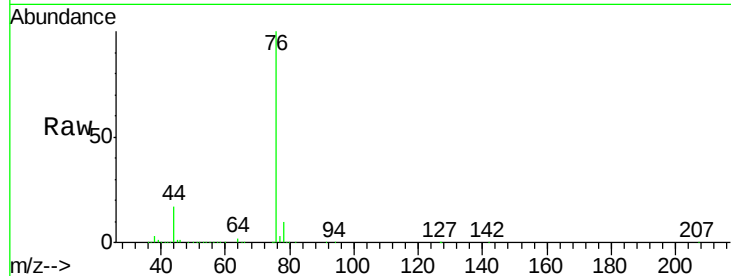




#17
Carbon Disulfide
Concen: 17.30 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX001072.D
Acq: 23 Apr 2018 21:00

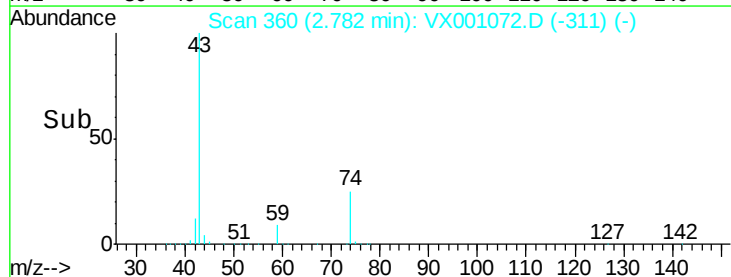
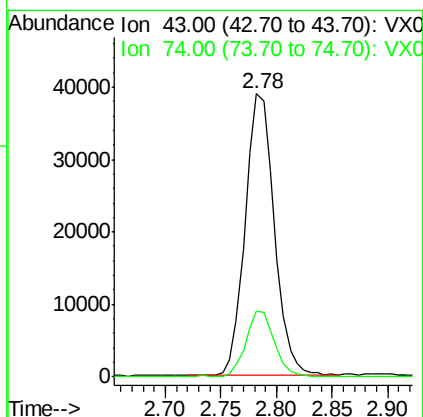
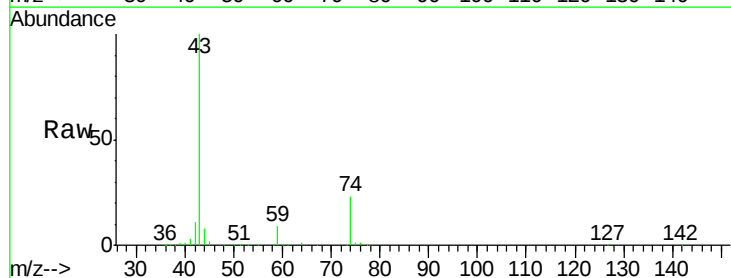
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

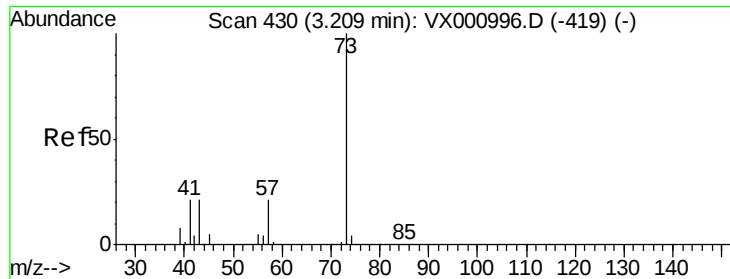
Tgt Ion: 76 Resp: 98178
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 24.15 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001072.D
Acq: 23 Apr 2018 21:00

Tgt Ion: 43 Resp: 71294
Ion Ratio Lower Upper
43 100
74 23.1 18.3 27.5

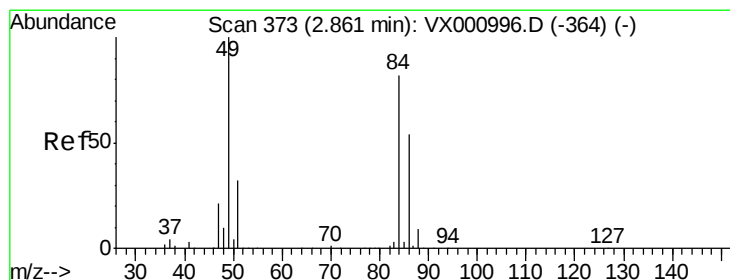
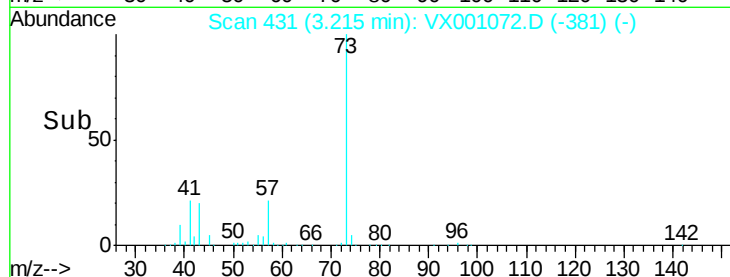
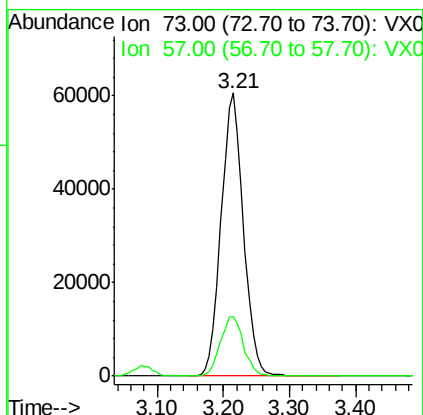
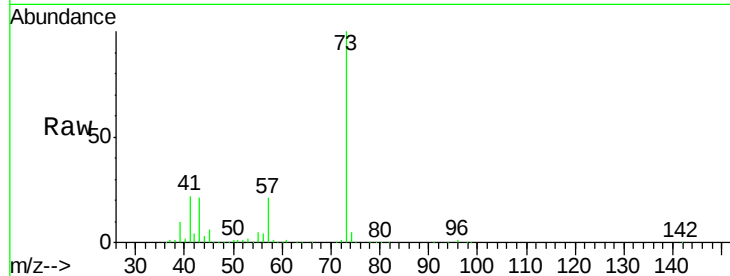




#19
Methyl tert-butyl Ether
Concen: 21.12 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001072.D
Acq: 23 Apr 2018 21:00

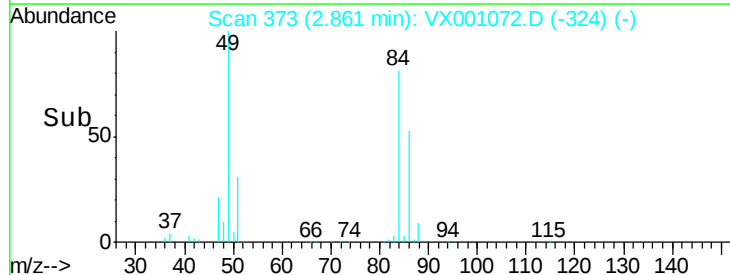
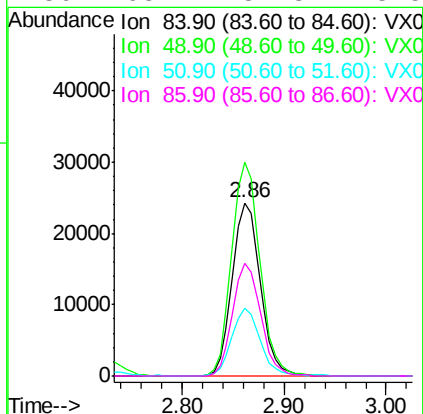
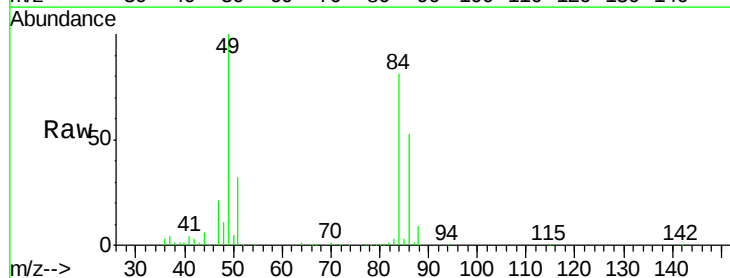
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

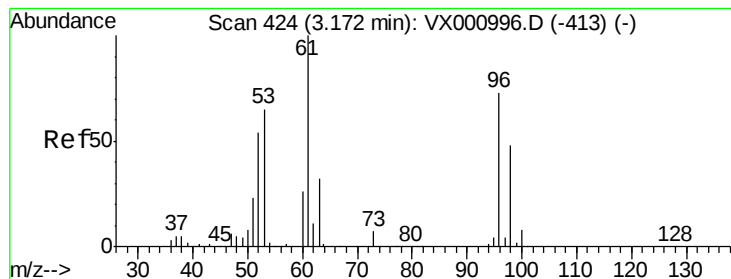
Tgt Ion: 73 Resp: 141408
Ion Ratio Lower Upper
73 100
57 20.8 17.1 25.7



#20
Methylene Chloride
Concen: 21.68 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001072.D
Acq: 23 Apr 2018 21:00

Tgt Ion: 84 Resp: 46372
Ion Ratio Lower Upper
84 100
49 123.2 97.1 145.7
51 38.6 30.8 46.2
86 65.2 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.55 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

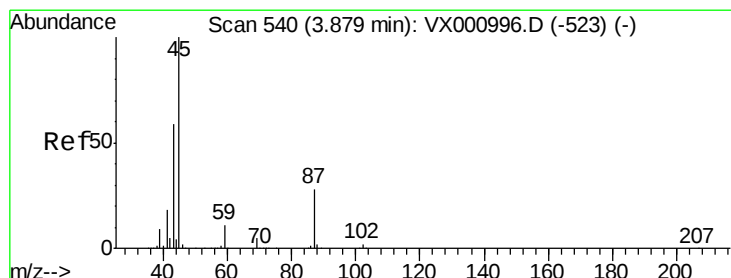
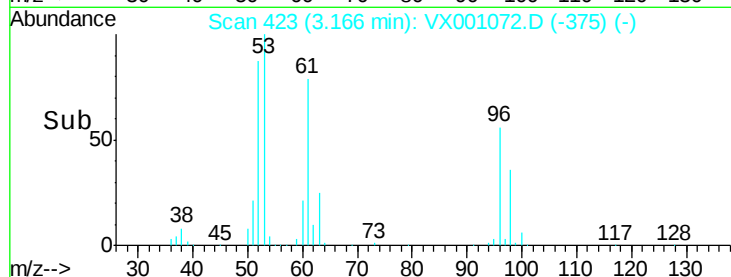
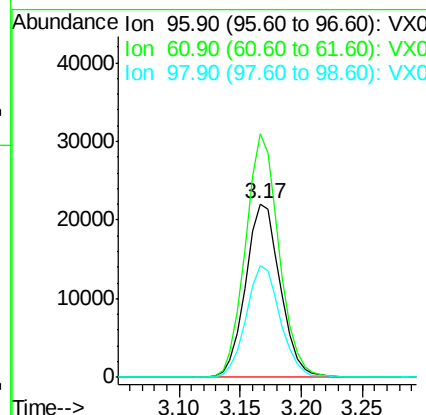
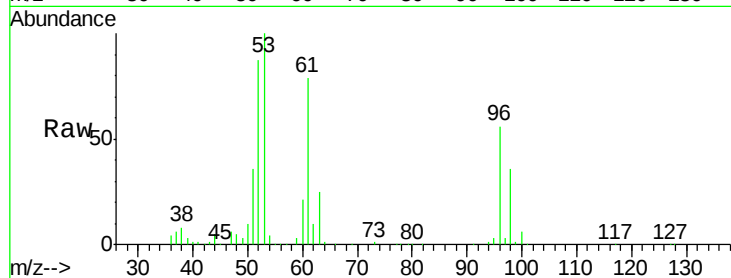
Tgt Ion: 96 Resp: 43330

Ion Ratio Lower Upper

96 100

61 140.5 109.4 164.2

98 64.5 52.6 78.8



#22

Diisopropyl ether

Concen: 20.47 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

Tgt Ion: 45 Resp: 142794

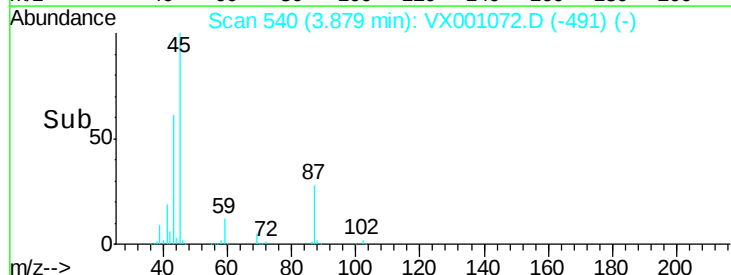
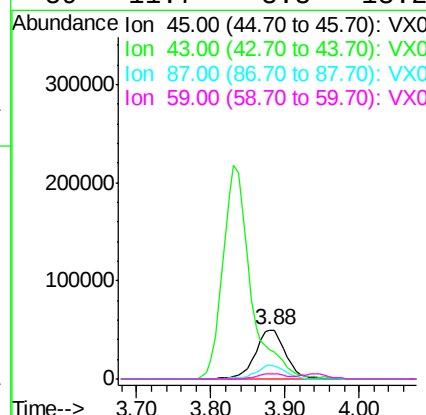
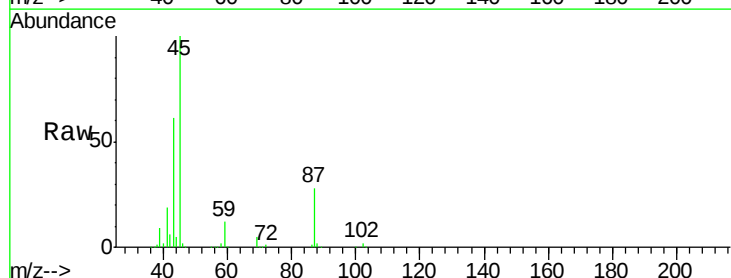
Ion Ratio Lower Upper

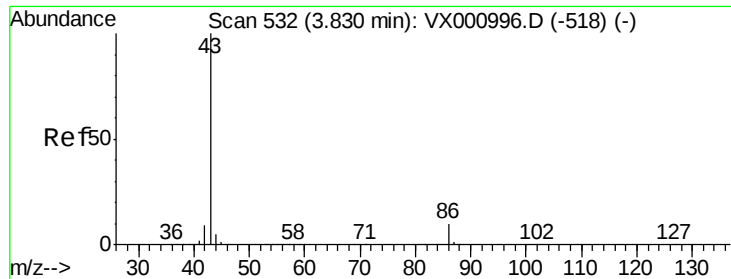
45 100

43 60.7 47.0 70.4

87 28.1 22.5 33.7

59 11.7 8.8 13.2





#23

Vinyl Acetate

Concen: 98.30 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

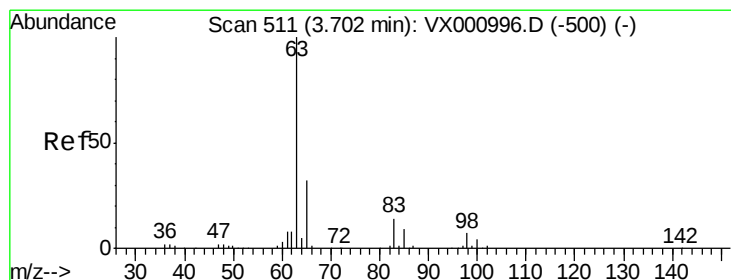
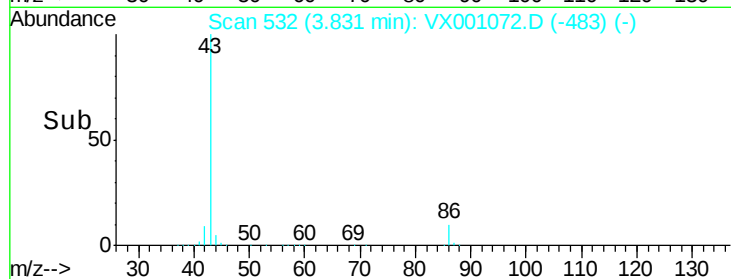
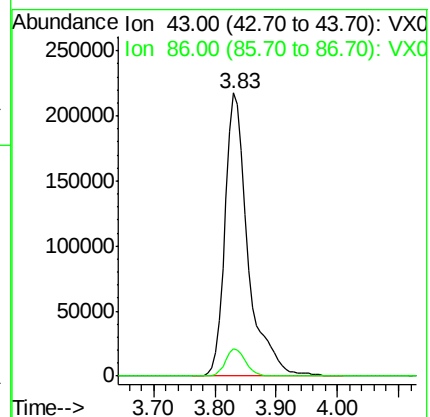
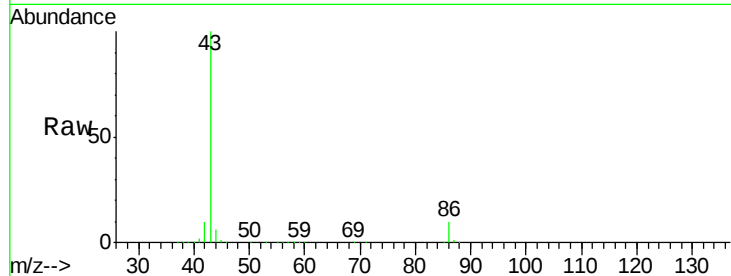
VX0423WBSD01

Tgt Ion: 43 Resp: 567781

Ion Ratio Lower Upper

43 100

86 9.7 8.1 12.1



#24

1,1-Dichloroethane

Concen: 20.41 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

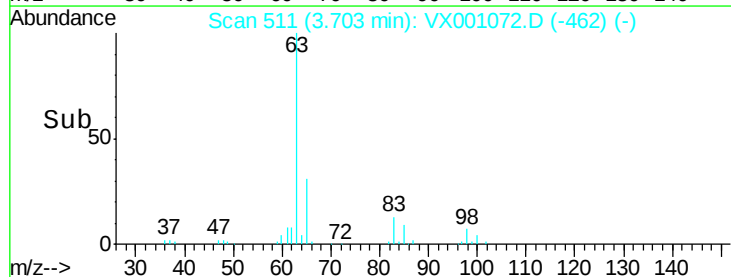
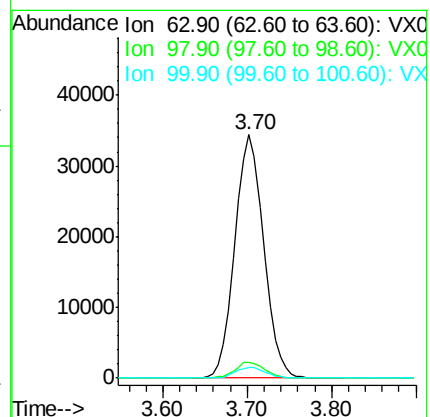
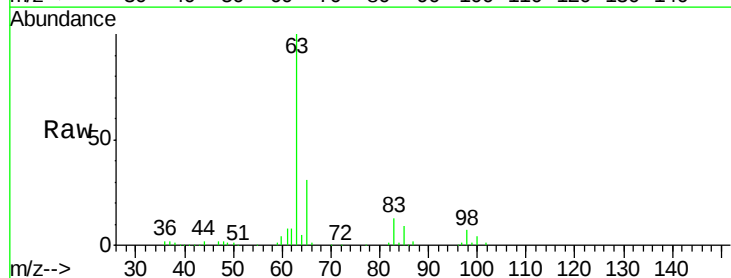
Tgt Ion: 63 Resp: 79877

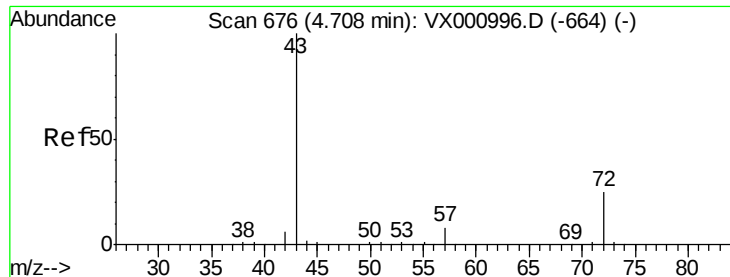
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

100 4.4 2.1 6.3





#25

2-Butanone

Concen: 107.16 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

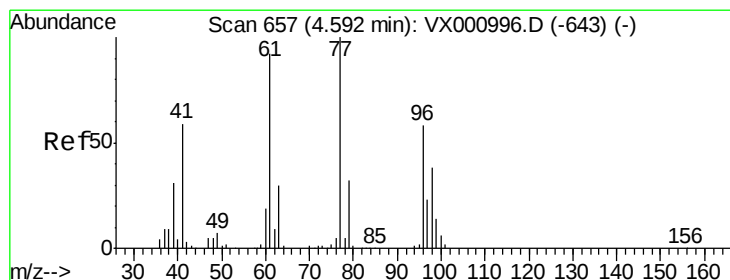
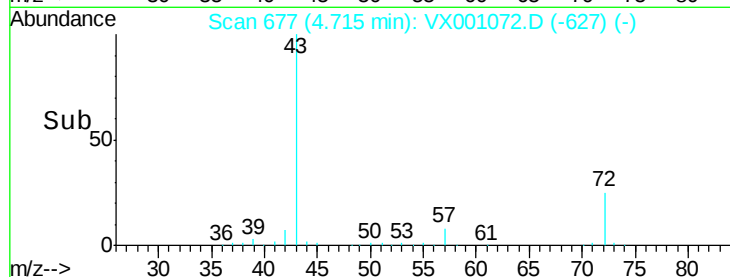
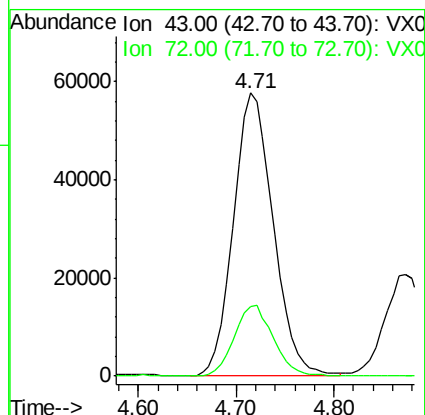
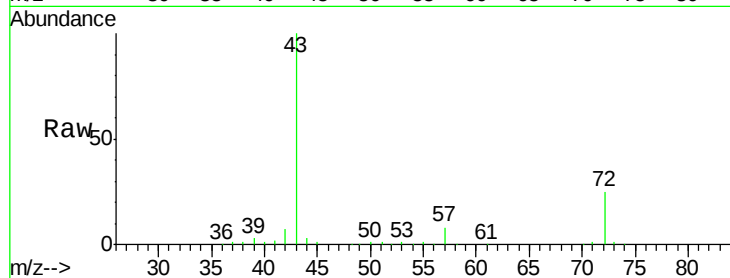
VX0423WBSD01

Tgt Ion: 43 Resp: 163208

Ion Ratio Lower Upper

43 100

72 24.8 19.9 29.9



#26

2,2-Dichloropropane

Concen: 17.36 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001072.D

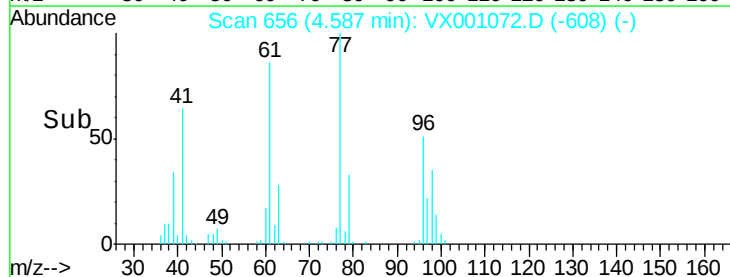
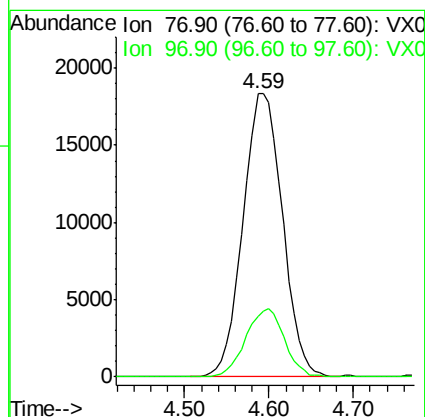
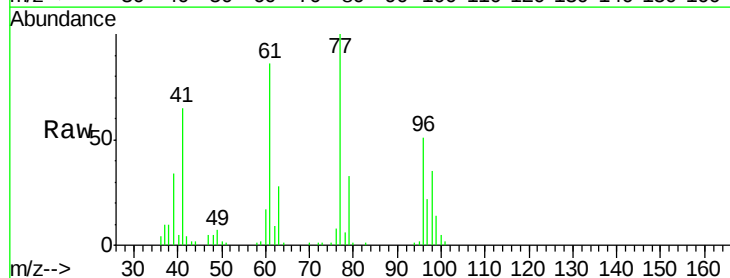
Acq: 23 Apr 2018 21:00

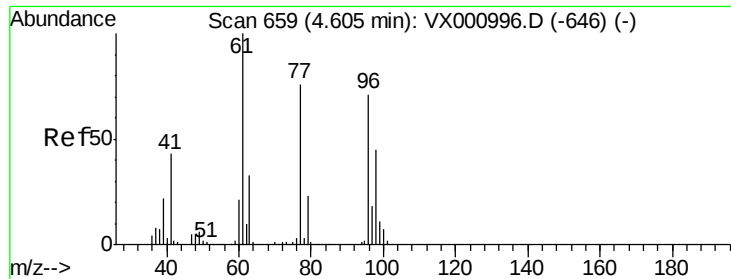
Tgt Ion: 77 Resp: 58425

Ion Ratio Lower Upper

77 100

97 23.4 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 19.94 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

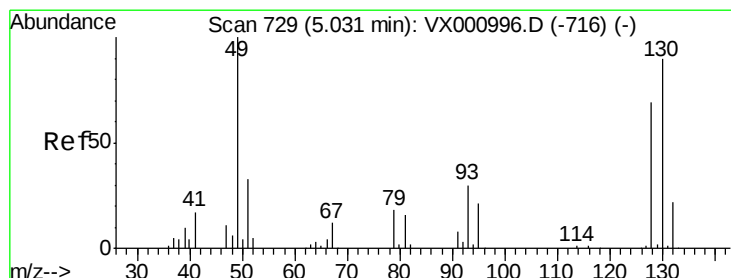
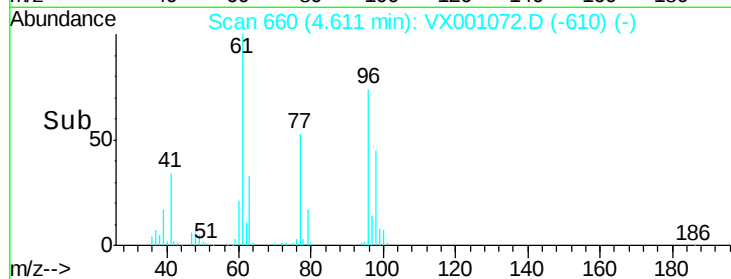
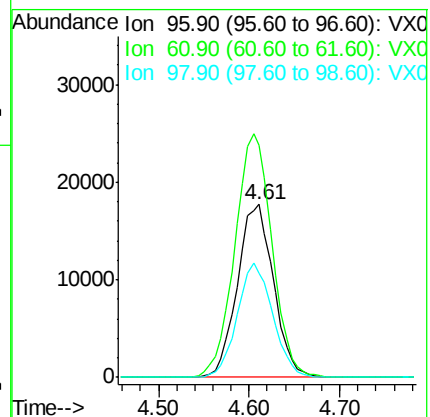
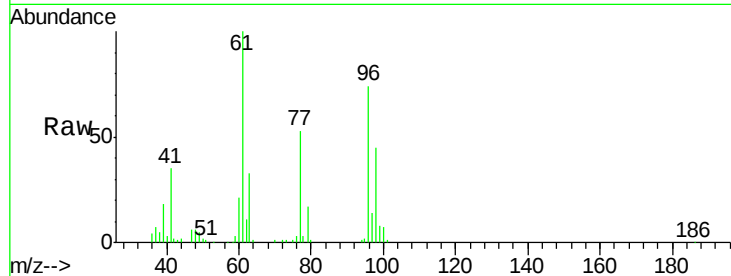
Tgt Ion: 96 Resp: 49249

Ion Ratio Lower Upper

96 100

61 145.0 0.0 297.0

98 64.7 0.0 130.0



#28

Bromochloromethane

Concen: 21.08 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.00 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

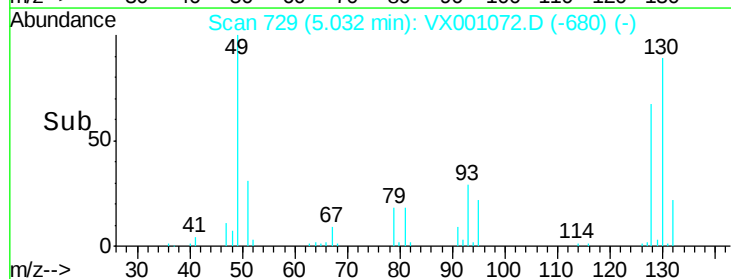
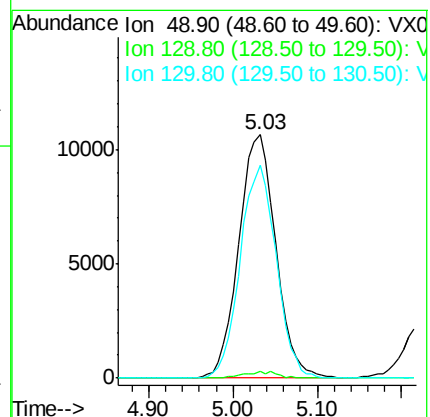
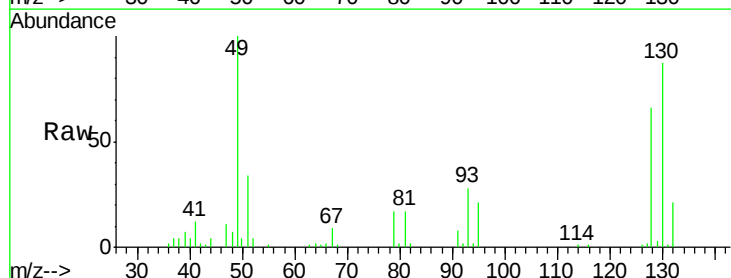
Tgt Ion: 49 Resp: 31726

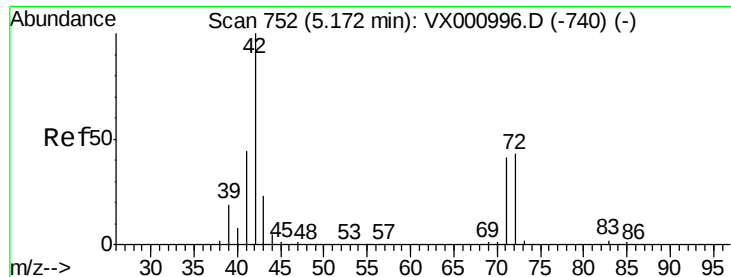
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.8

130 84.9 70.6 105.8

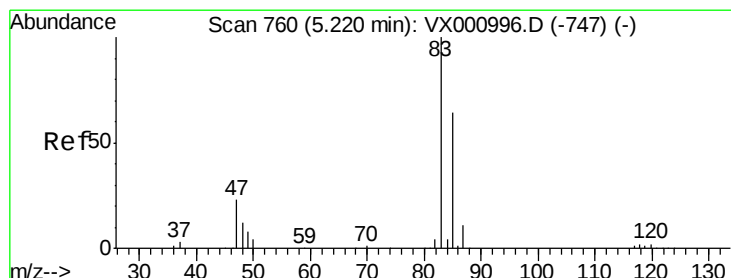
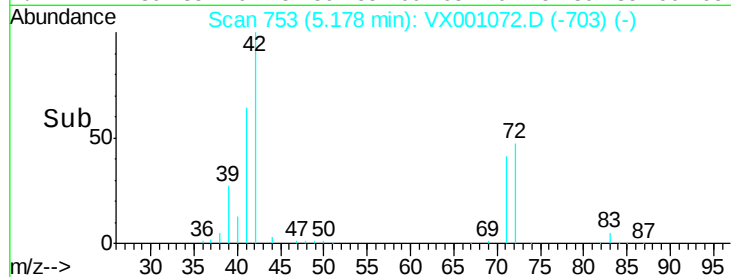
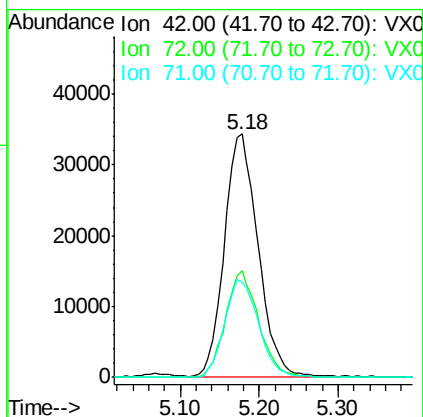
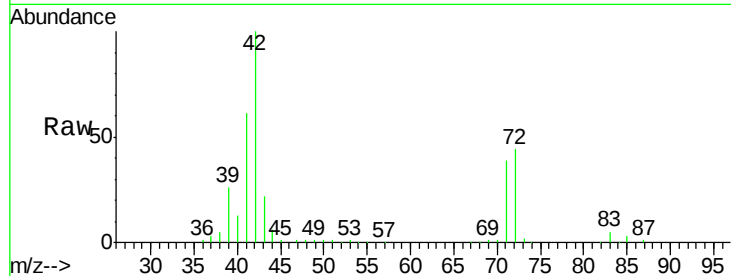




#29
Tetrahydrofuran
Concen: 105.61 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX001072.D
Acq: 23 Apr 2018 21:00

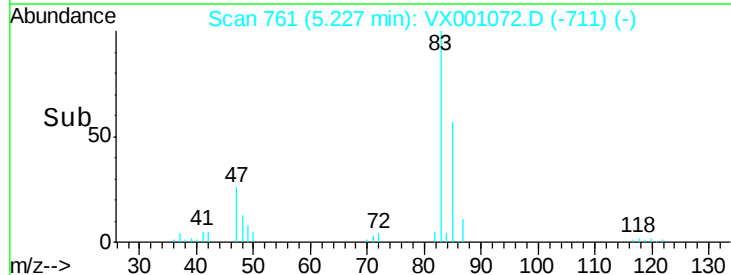
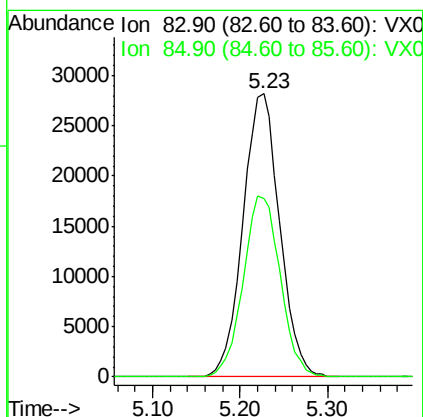
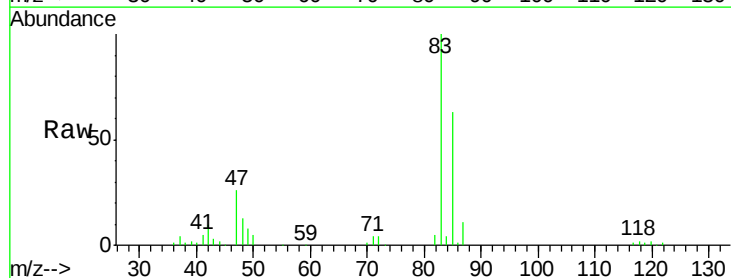
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

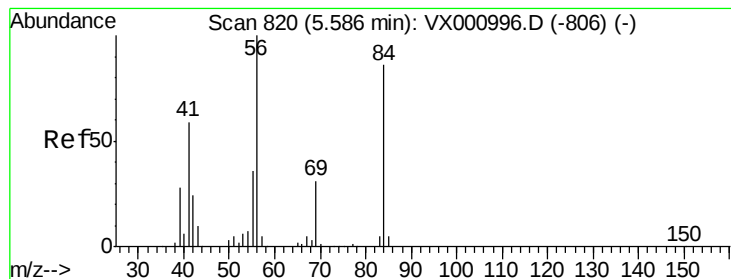
Tgt Ion: 42 Resp: 101636
Ion Ratio Lower Upper
42 100
72 43.3 34.6 52.0
71 40.8 32.6 49.0



#30
Chloroform
Concen: 20.31 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001072.D
Acq: 23 Apr 2018 21:00

Tgt Ion: 83 Resp: 82330
Ion Ratio Lower Upper
83 100
85 63.2 51.3 76.9





#31

Cyclohexane

Concen: 19.07 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

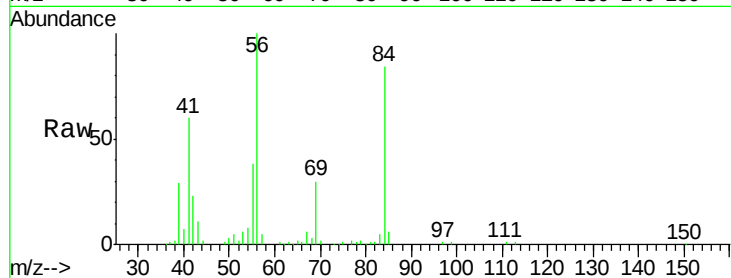
Tgt Ion: 56 Resp: 69659

Ion Ratio Lower Upper

56 100

69 29.8 24.6 36.8

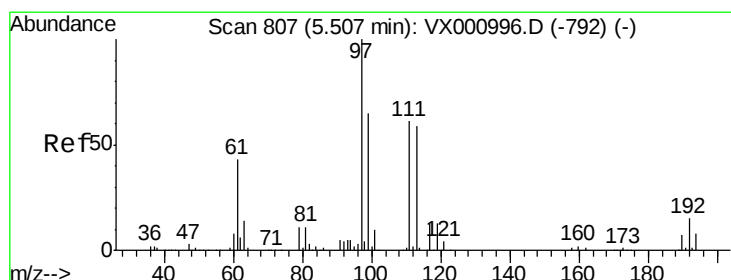
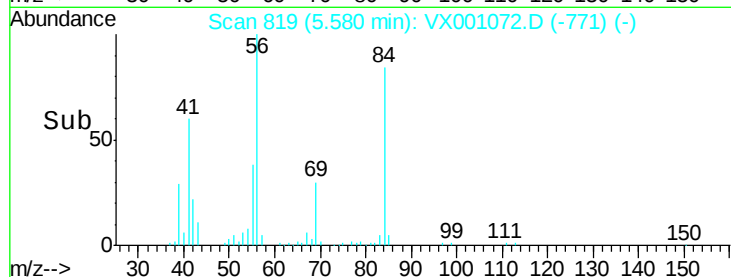
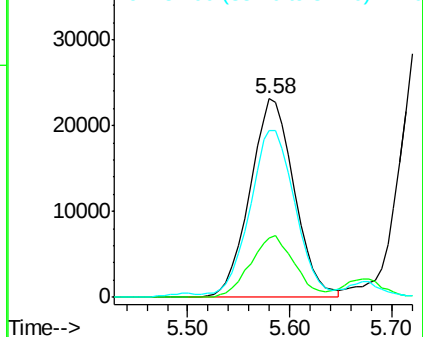
84 82.3 69.0 103.6



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: 20.11 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

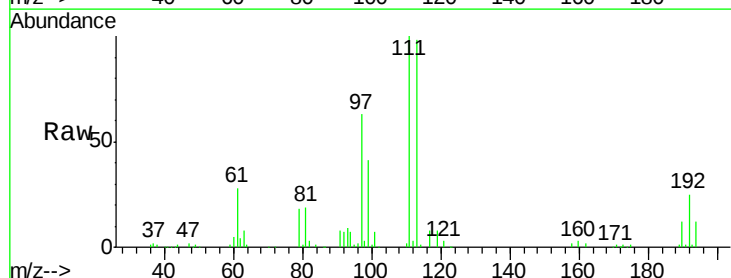
Tgt Ion: 97 Resp: 73058

Ion Ratio Lower Upper

97 100

99 65.2 51.1 76.7

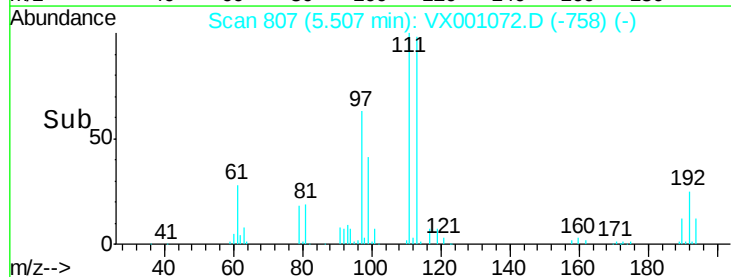
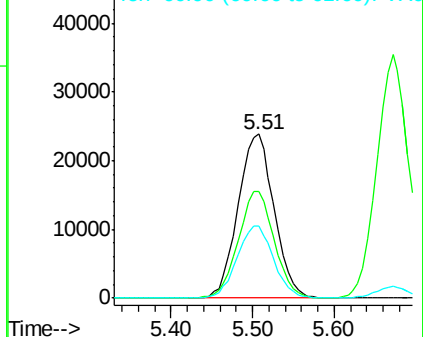
61 44.7 34.4 51.6

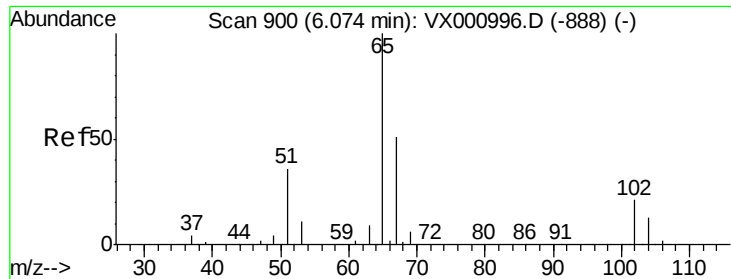


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

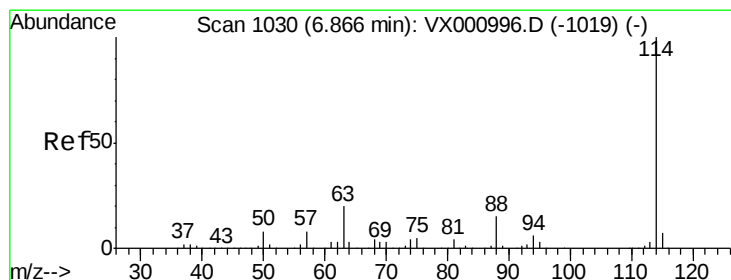
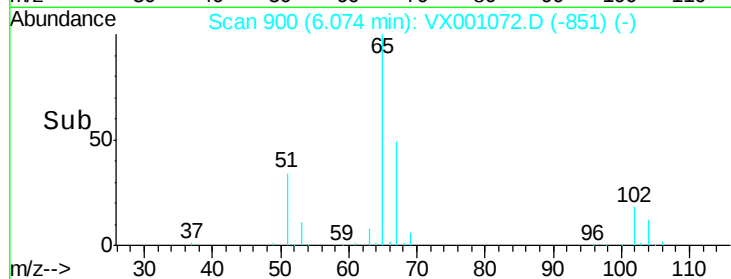
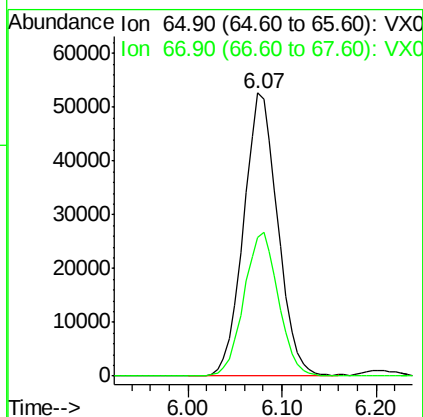
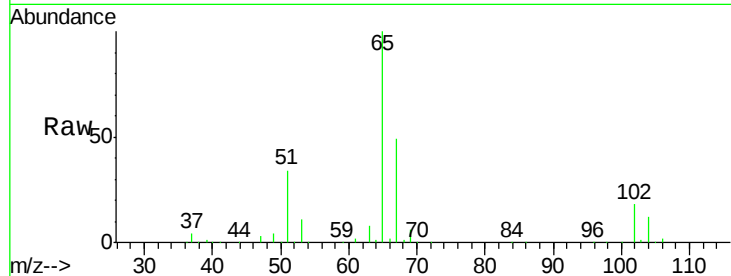




#33
 1,2-Dichloroethane-d4
 Concen: 51.74 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001072.D
 Acq: 23 Apr 2018 21:00

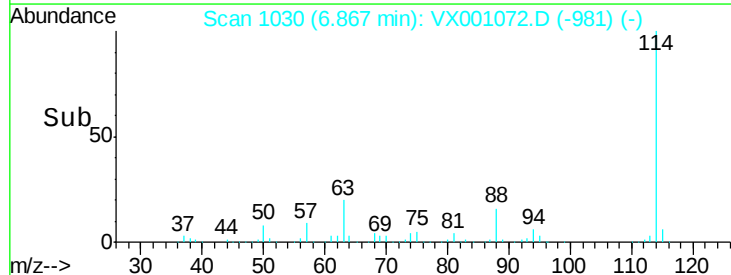
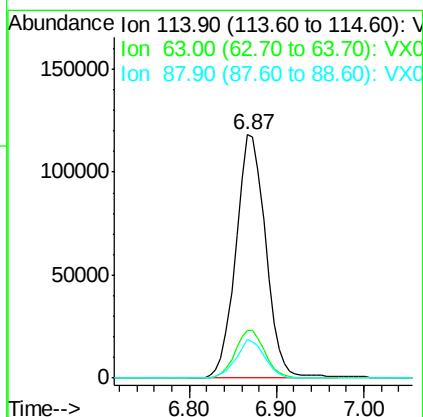
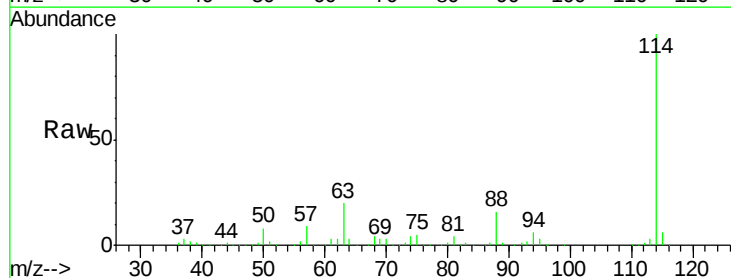
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD01

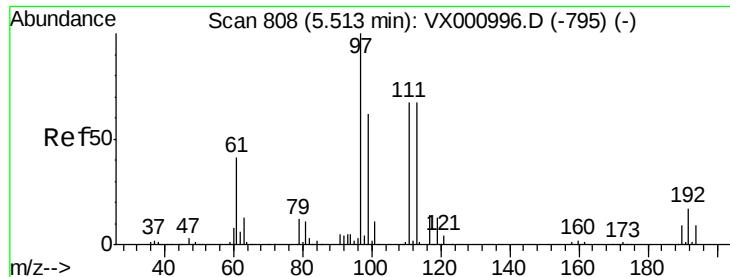
Tgt Ion: 65 Resp: 134061
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001072.D
 Acq: 23 Apr 2018 21:00

Tgt Ion: 114 Resp: 281531
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.4
 88 15.8 0.0 29.8





#35

Dibromofluoromethane

Concen: 50.11 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

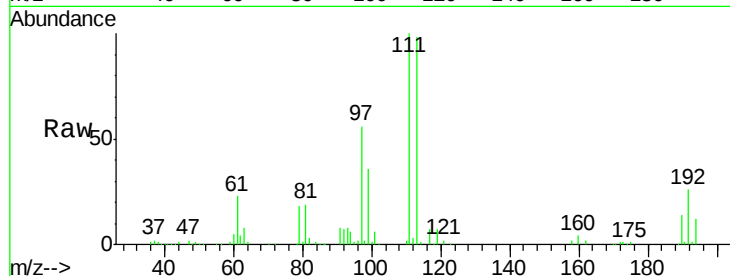
Tgt Ion:113 Resp: 107570

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.2

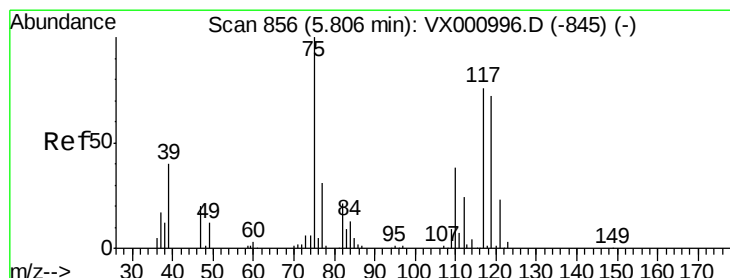
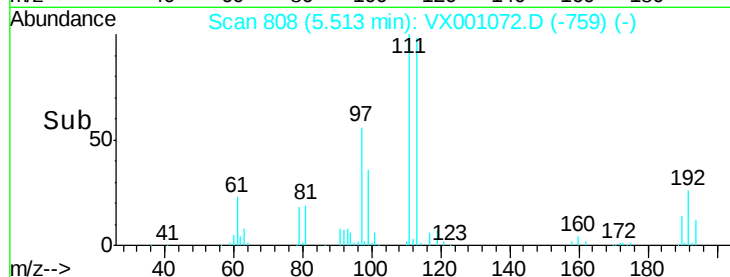
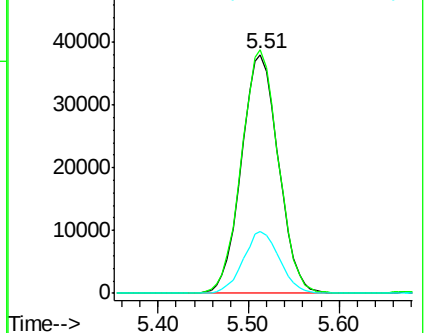
192 25.3 20.4 30.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.35 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

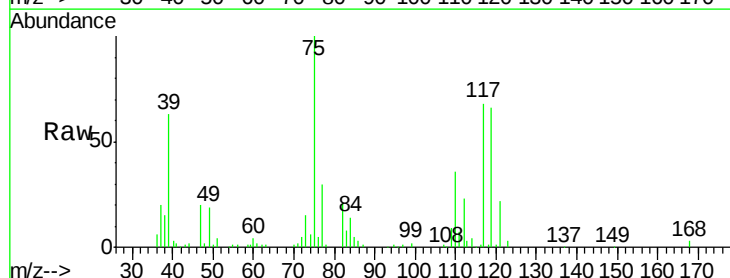
Tgt Ion: 75 Resp: 60714

Ion Ratio Lower Upper

75 100

110 36.2 18.7 56.1

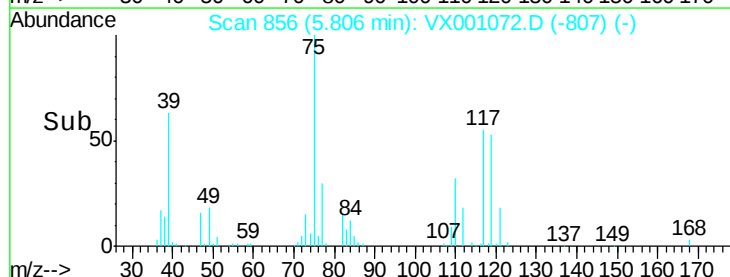
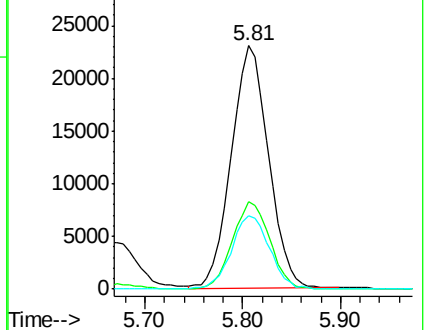
77 31.2 25.0 37.4

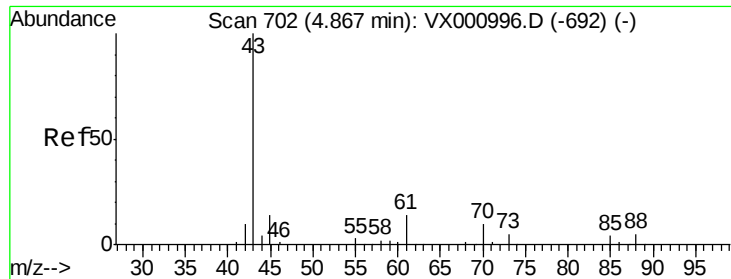


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

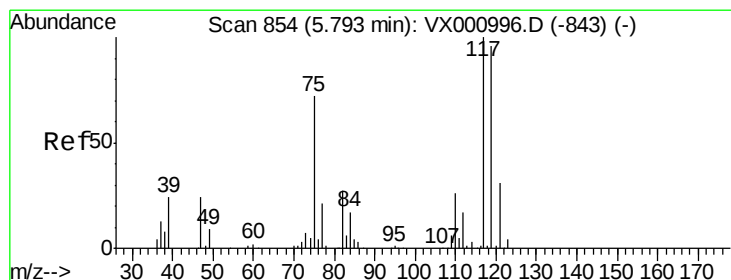
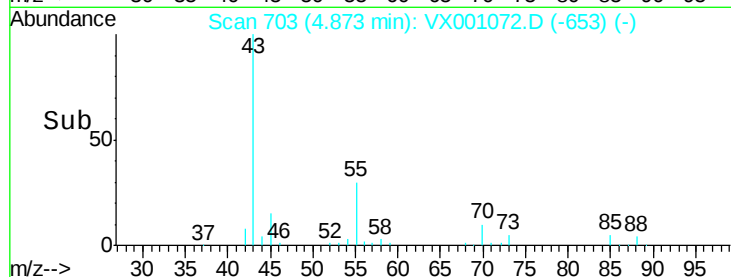
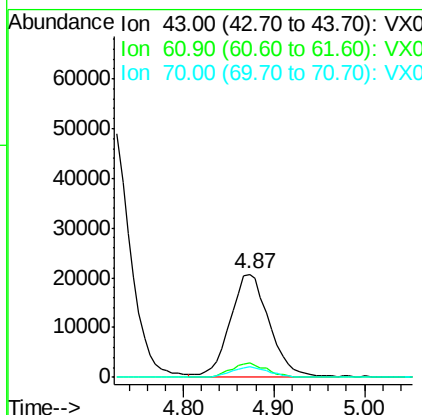
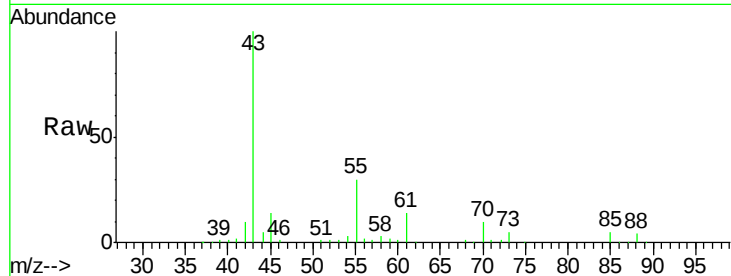




#37
Ethyl Acetate
Concen: 20.10 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX001072.D
Acq: 23 Apr 2018 21:00

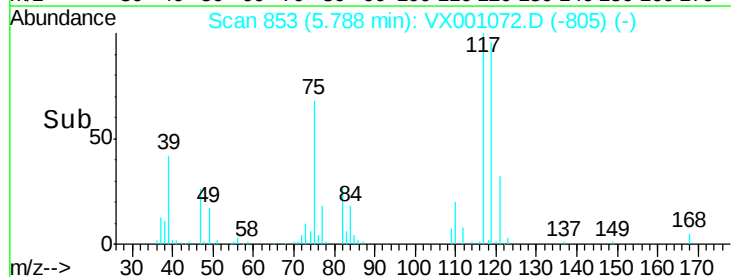
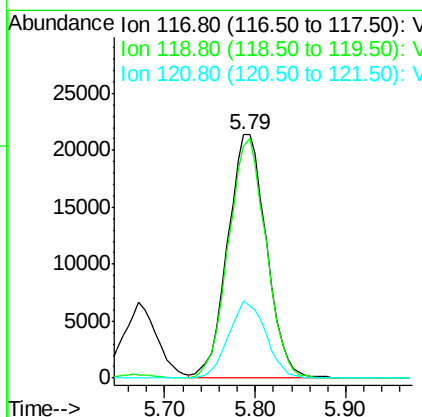
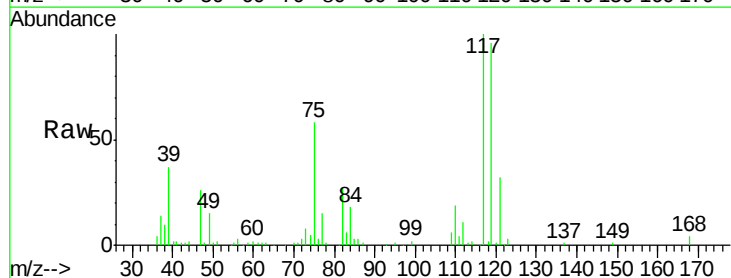
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

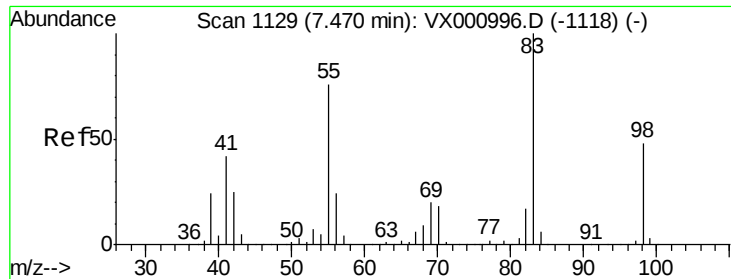
Tgt Ion: 43 Resp: 61010
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 10.1 8.3 12.5



#38
Carbon Tetrachloride
Concen: 18.88 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001072.D
Acq: 23 Apr 2018 21:00

Tgt Ion: 117 Resp: 63249
Ion Ratio Lower Upper
117 100
119 95.3 76.5 114.7
121 31.7 24.5 36.7

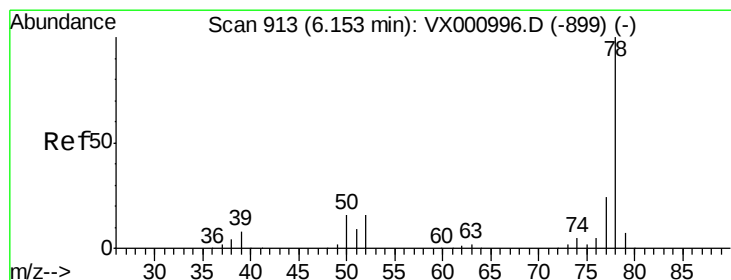
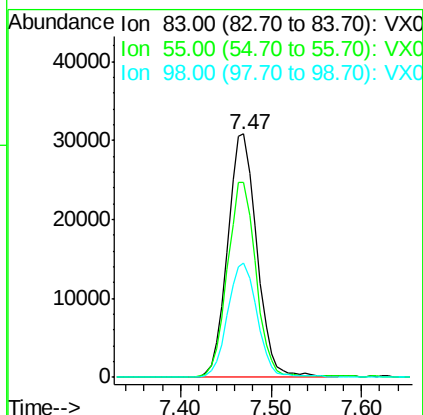
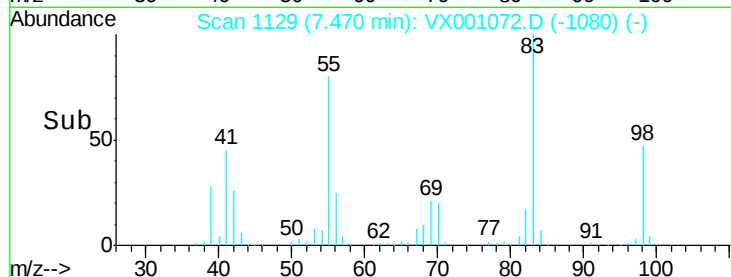
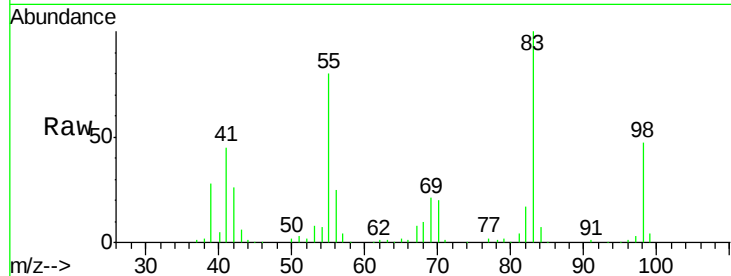




#39
Methylcyclohexane
Concen: 17.98 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX001072.D
Acq: 23 Apr 2018 21:00

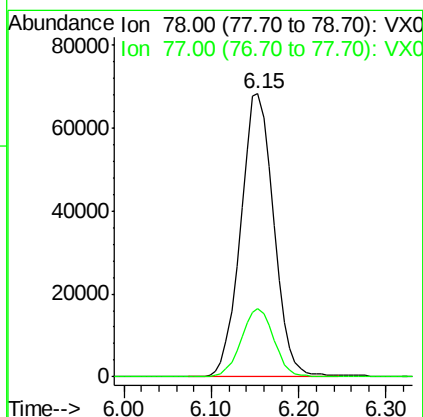
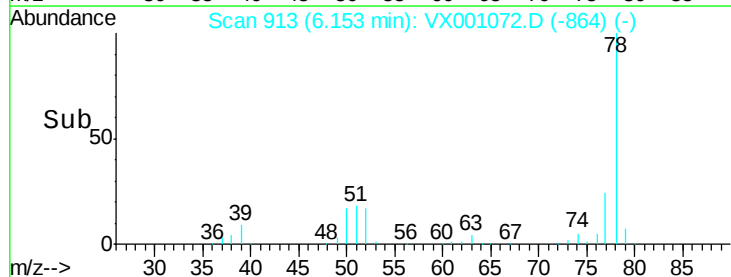
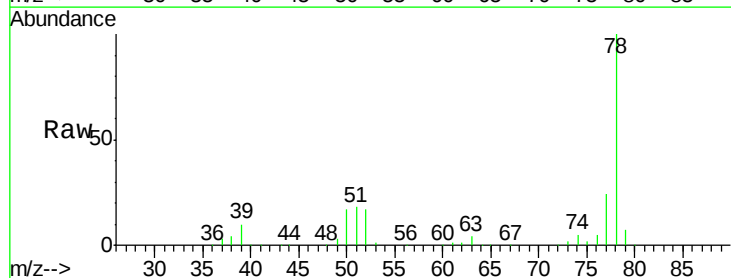
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

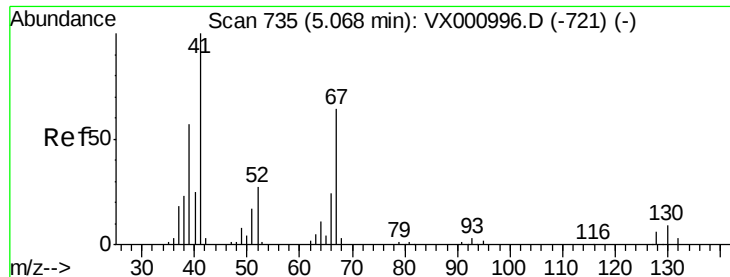
Tgt Ion: 83 Resp: 69245
Ion Ratio Lower Upper
83 100
55 79.9 60.6 91.0
98 47.1 38.2 57.4



#40
Benzene
Concen: 19.50 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001072.D
Acq: 23 Apr 2018 21:00

Tgt Ion: 78 Resp: 179341
Ion Ratio Lower Upper
78 100
77 24.2 18.9 28.3





#41

Methacrylonitrile

Concen: 19.06 ug/l

RT: 5.07 min Scan# 735

Delta R.T. 0.00 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

Tgt Ion: 41 Resp: 36130

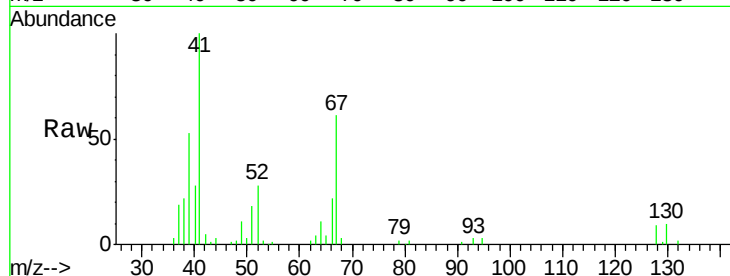
Ion Ratio Lower Upper

41 100

39 59.8 45.2 67.8

67 69.3 53.8 80.8

52 30.4 22.4 33.6

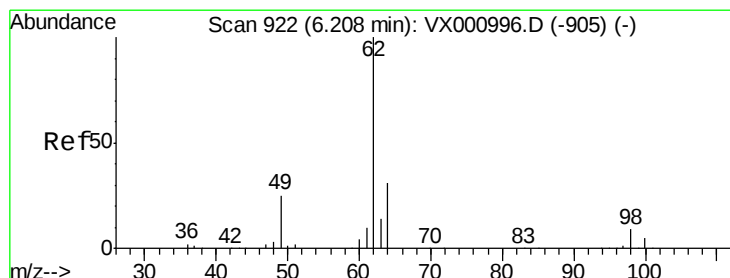
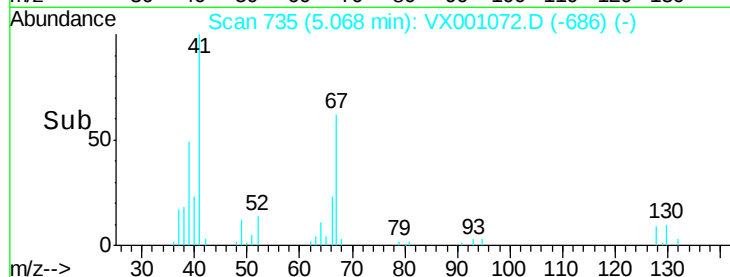
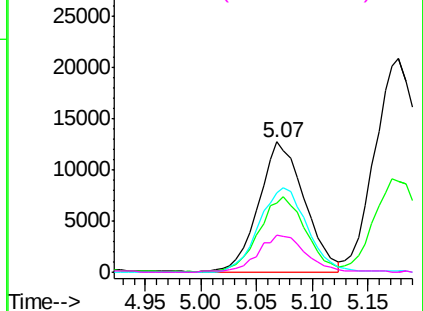


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.81 ug/l

RT: 6.21 min Scan# 922

Delta R.T. 0.00 min

Lab File: VX001072.D

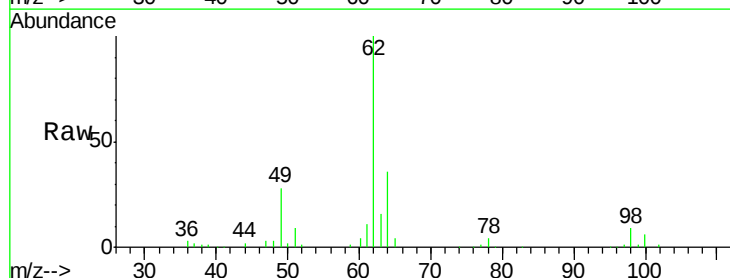
Acq: 23 Apr 2018 21:00

Tgt Ion: 62 Resp: 69938

Ion Ratio Lower Upper

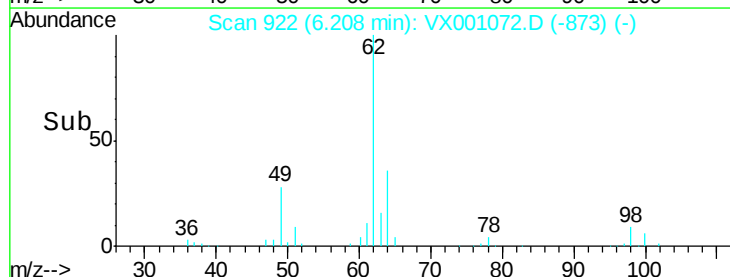
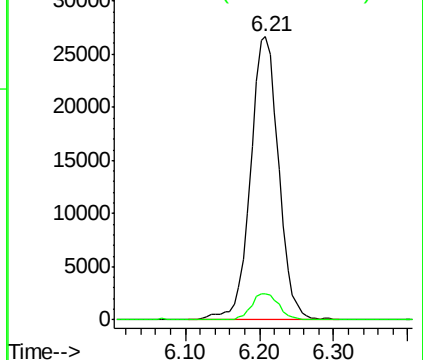
62 100

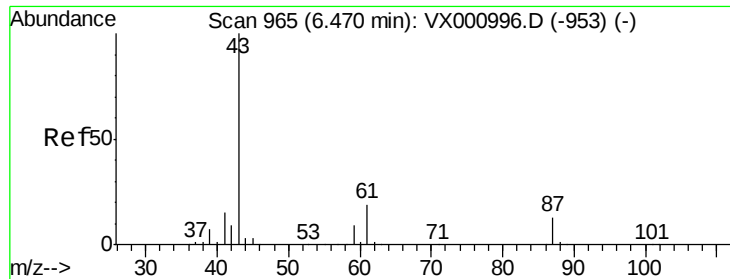
98 9.0 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.76 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

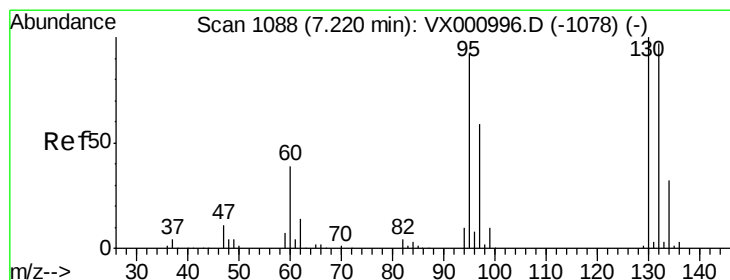
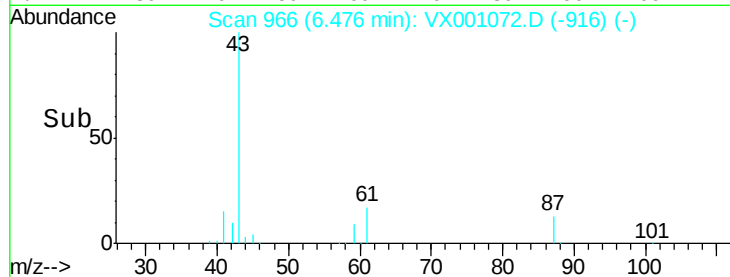
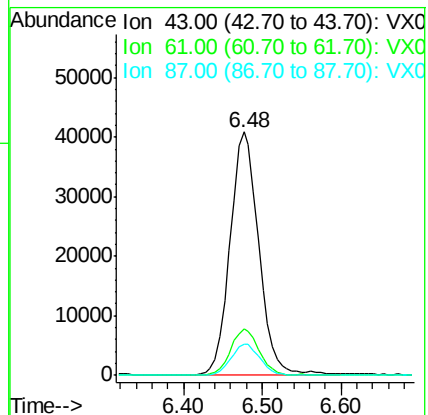
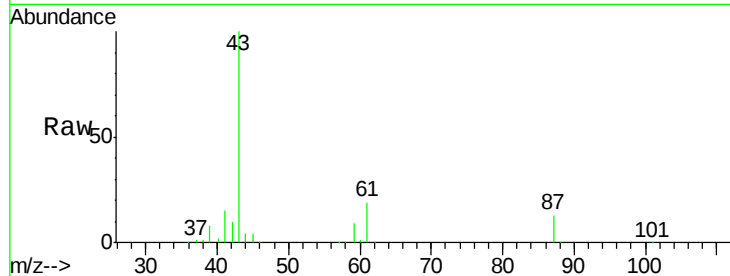
Tgt Ion: 43 Resp: 102866

Ion Ratio Lower Upper

43 100

61 19.0 15.4 23.2

87 13.0 10.6 15.8



#44

Trichloroethene

Concen: 19.10 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001072.D

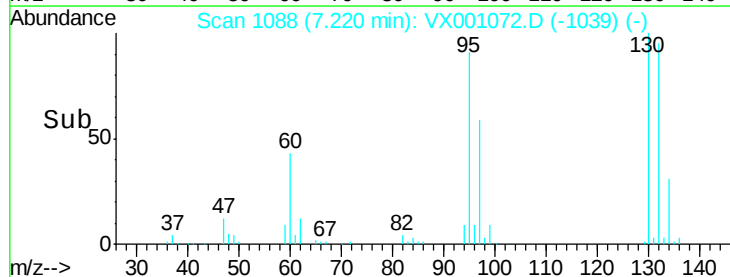
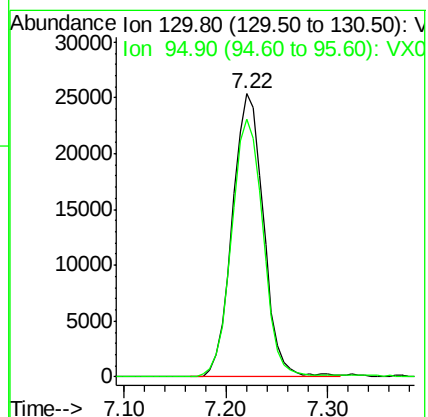
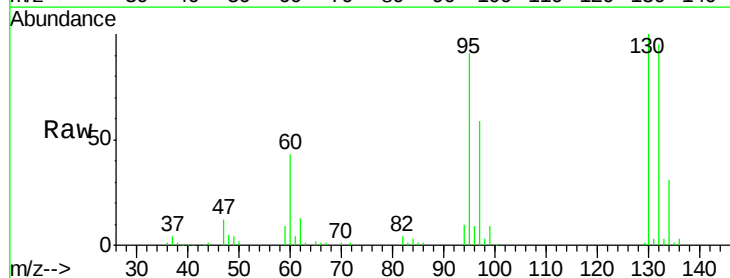
Acq: 23 Apr 2018 21:00

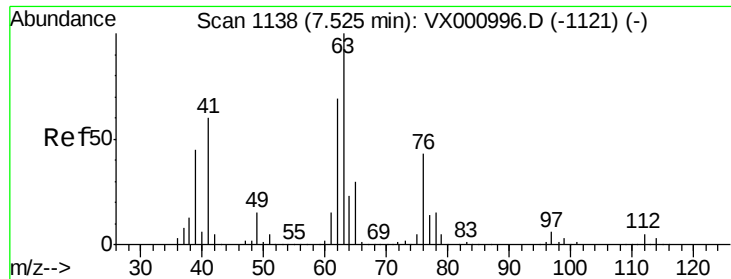
Tgt Ion: 130 Resp: 53662

Ion Ratio Lower Upper

130 100

95 91.1 0.0 184.2

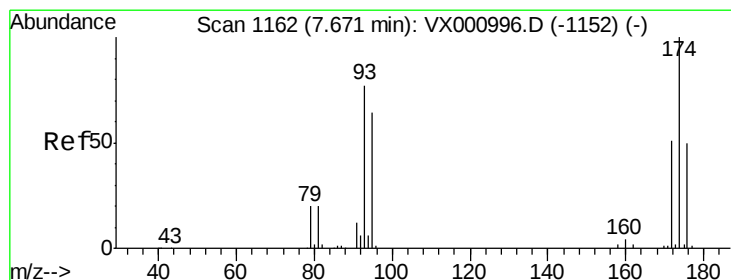
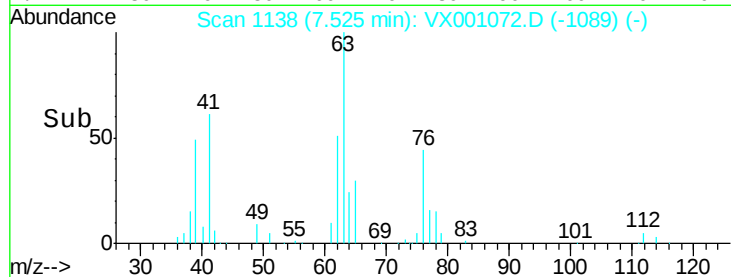
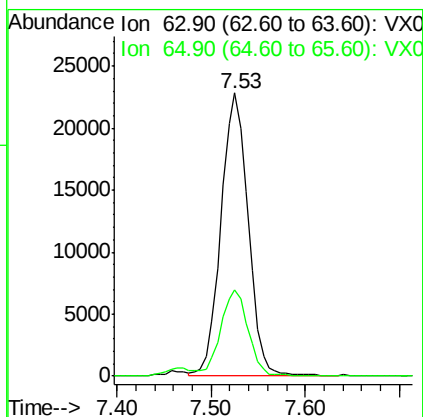
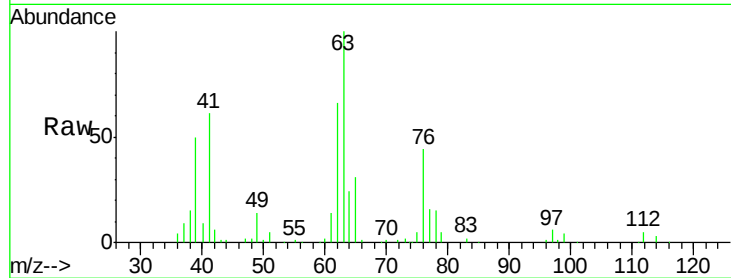




#45
 1,2-Dichloropropane
 Concen: 19.79 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001072.D
 Acq: 23 Apr 2018 21:00

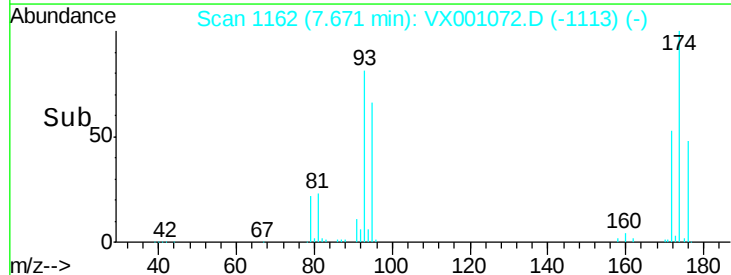
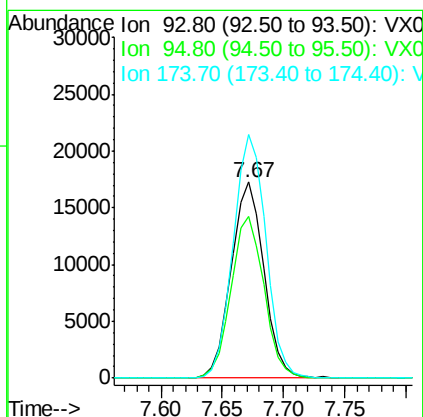
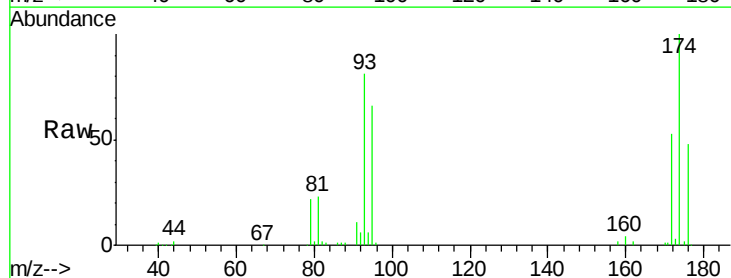
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD01

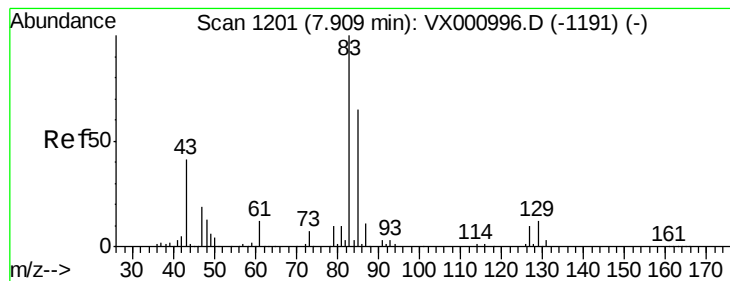
Tgt Ion: 63 Resp: 45767
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.4 36.6



#46
 Dibromomethane
 Concen: 19.77 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001072.D
 Acq: 23 Apr 2018 21:00

Tgt Ion: 93 Resp: 31951
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.7 100.1
 174 124.6 101.8 152.6





#47

Bromodichloromethane

Concen: 19.32 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

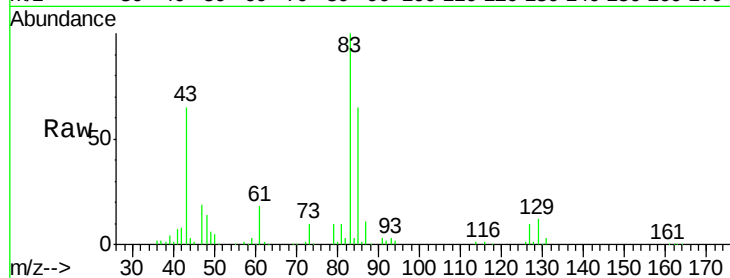
Tgt Ion: 83 Resp: 57831

Ion Ratio Lower Upper

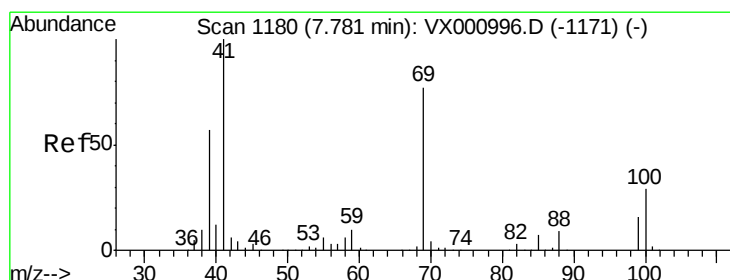
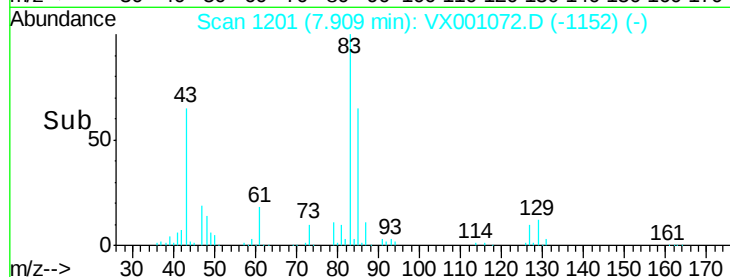
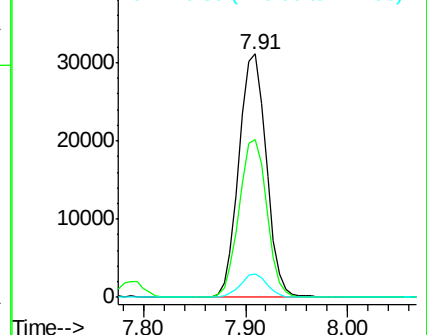
83 100

85 64.9 52.3 78.5

127 9.6 7.8 11.6



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



#48

Methyl methacrylate

Concen: 19.95 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

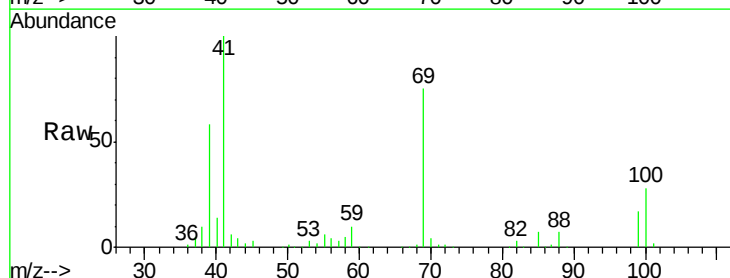
Tgt Ion: 41 Resp: 55941

Ion Ratio Lower Upper

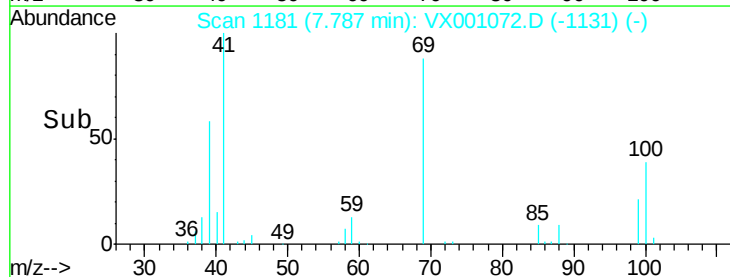
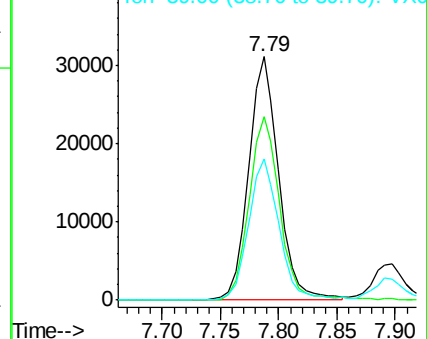
41 100

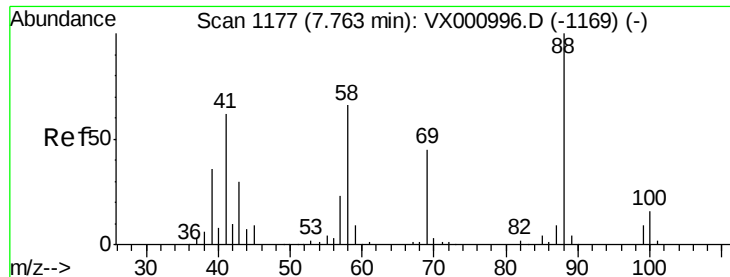
69 77.6 62.6 94.0

39 58.4 45.3 67.9



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

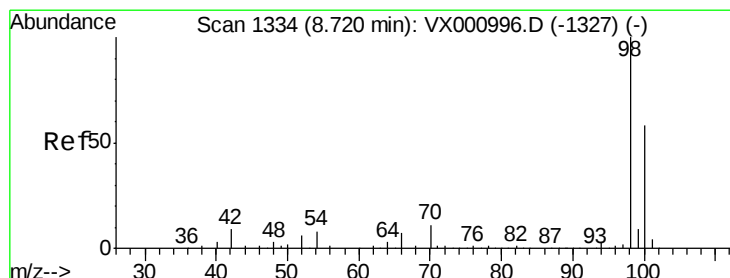
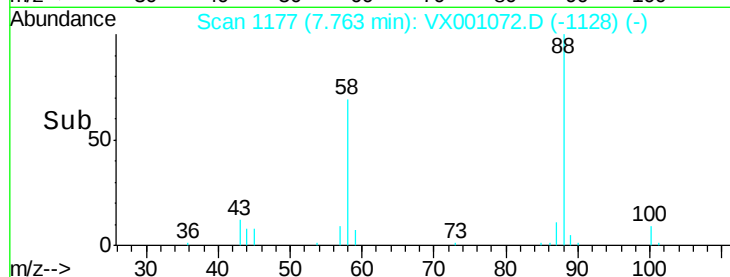
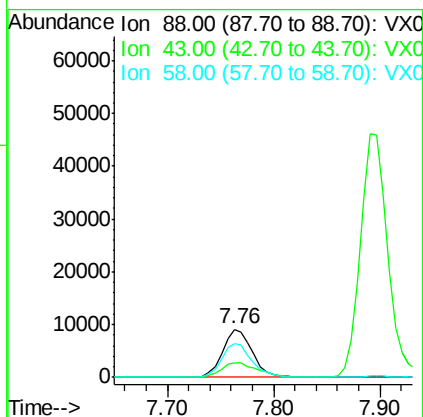
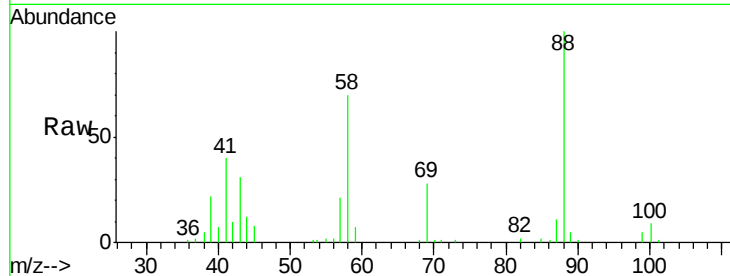




#49
 1,4-Dioxane
 Concen: 427.45 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX001072.D
 Acq: 23 Apr 2018 21:00

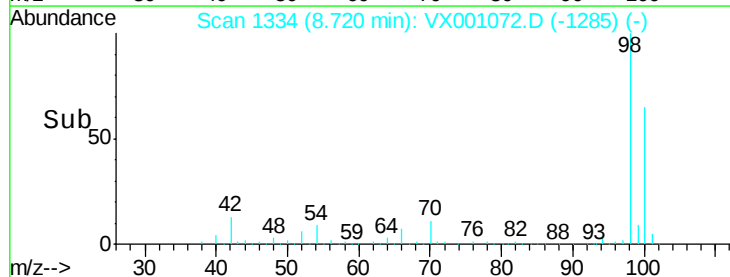
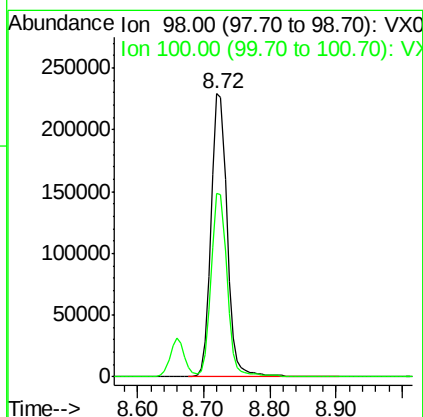
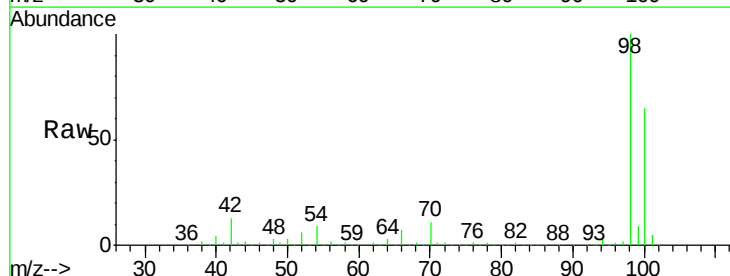
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD01

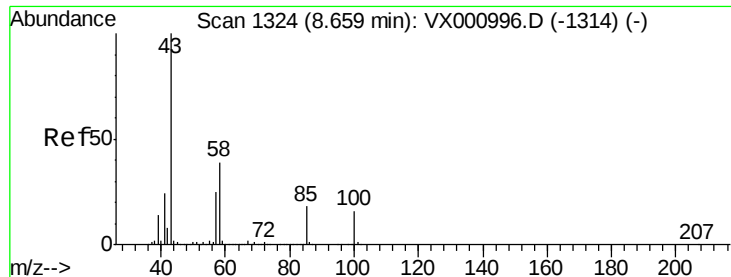
Tgt Ion: 88 Resp: 17622
 Ion Ratio Lower Upper
 88 100
 43 38.5 29.2 43.8
 58 72.0 55.0 82.6



#50
 Toluene-d8
 Concen: 48.56 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001072.D
 Acq: 23 Apr 2018 21:00

Tgt Ion: 98 Resp: 385437
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.9 77.9

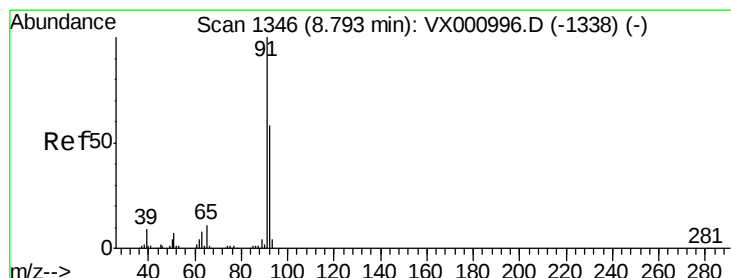
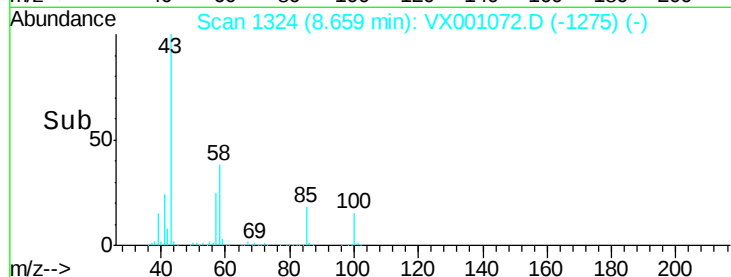
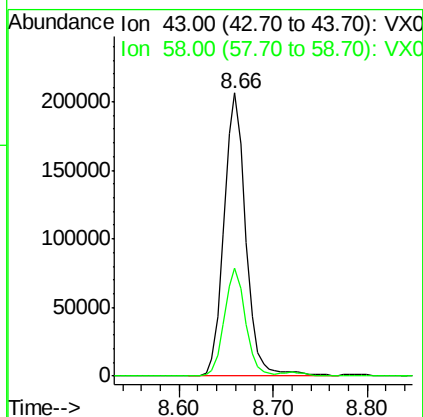
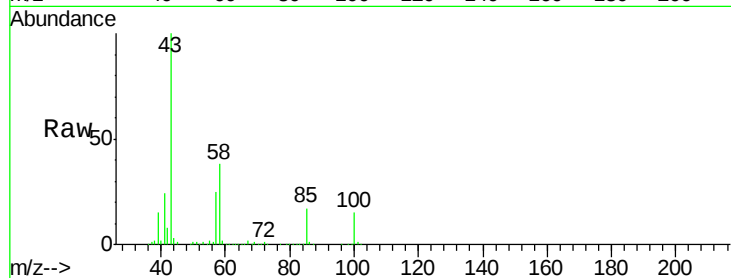




#51
 4-Methyl-2-Pentanone
 Concen: 105.35 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001072.D
 Acq: 23 Apr 2018 21:00

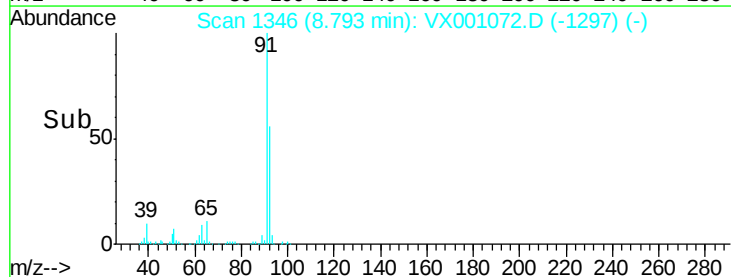
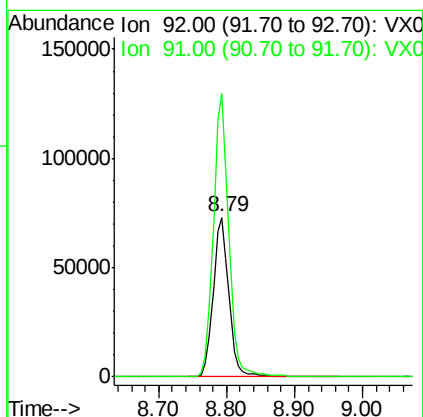
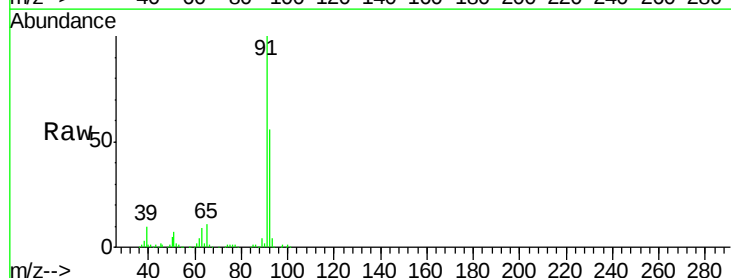
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD01

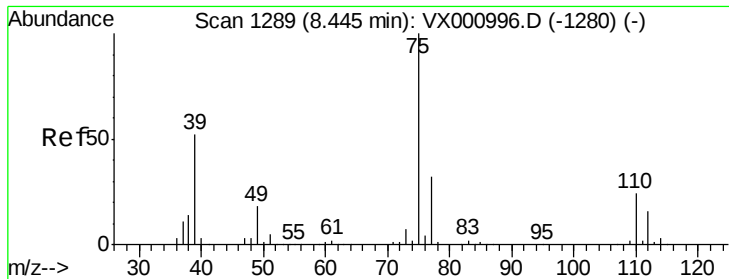
Tgt Ion: 43 Resp: 333038
 Ion Ratio Lower Upper
 43 100
 58 36.7 30.2 45.4



#52
 Toluene
 Concen: 19.46 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX001072.D
 Acq: 23 Apr 2018 21:00

Tgt Ion: 92 Resp: 116795
 Ion Ratio Lower Upper
 92 100
 91 174.3 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 18.93 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

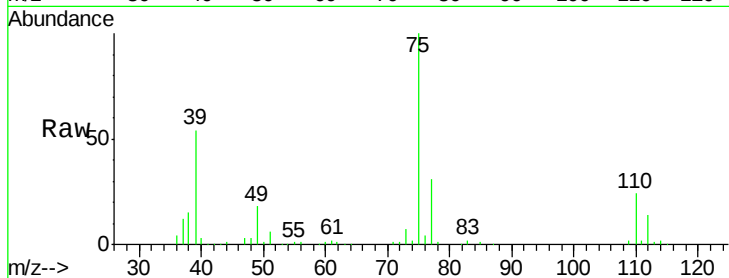
VX0423WBSD01

Tgt Ion: 75 Resp: 67780

Ion Ratio Lower Upper

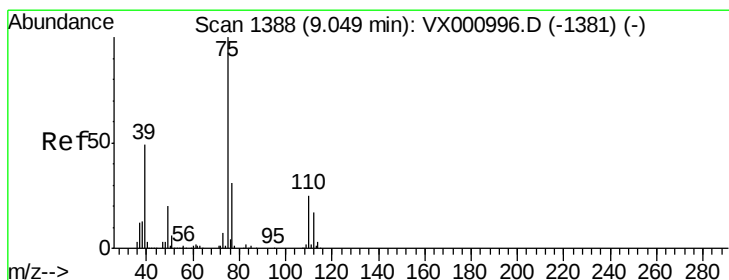
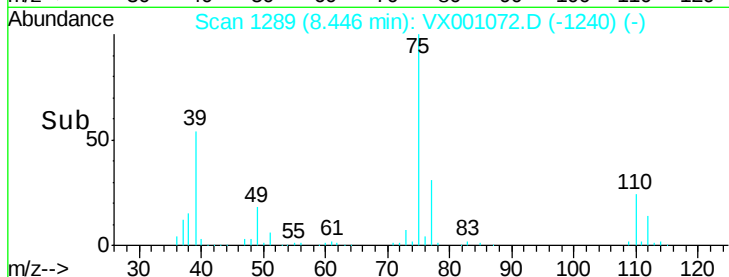
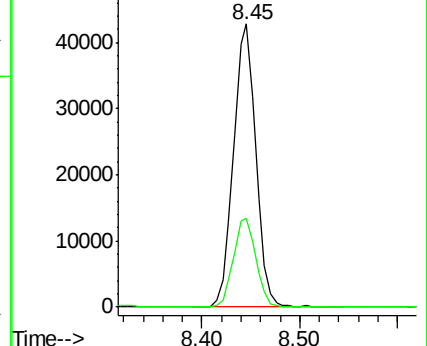
75 100

77 31.3 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.58 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

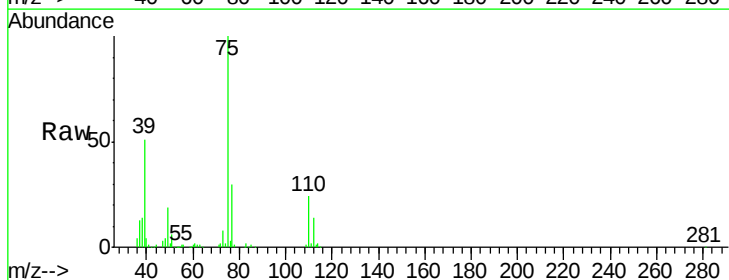
Tgt Ion: 75 Resp: 62740

Ion Ratio Lower Upper

75 100

77 29.7 25.0 37.6

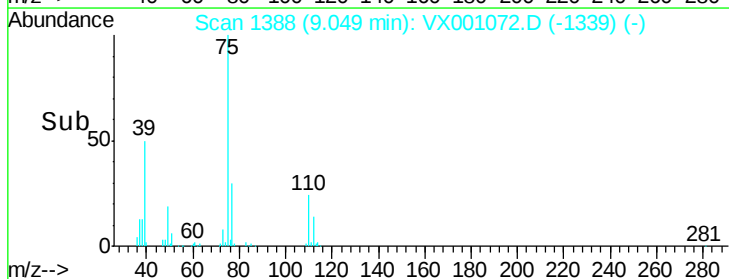
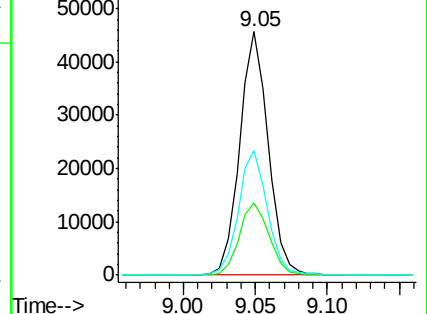
39 50.9 39.2 58.8

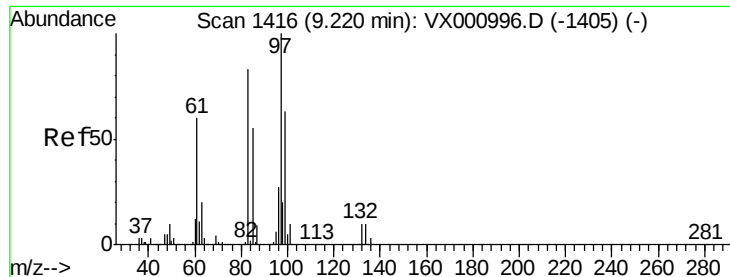


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

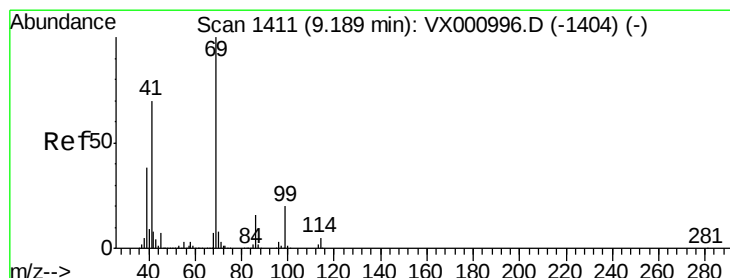
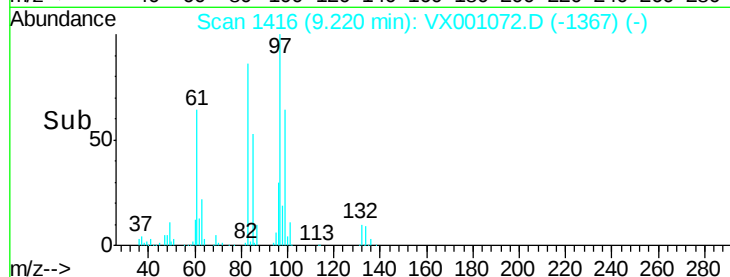
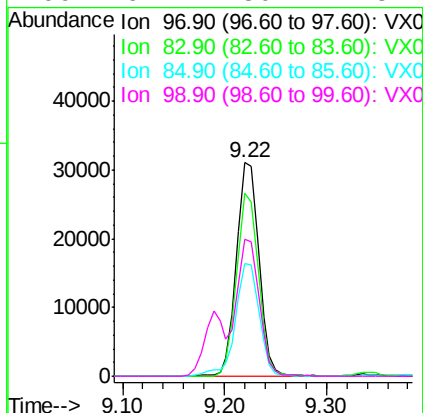
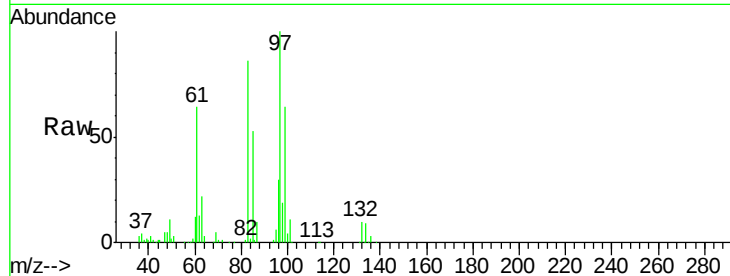




#55
 1,1,2-Trichloroethane
 Concen: 19.82 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001072.D
 Acq: 23 Apr 2018 21:00

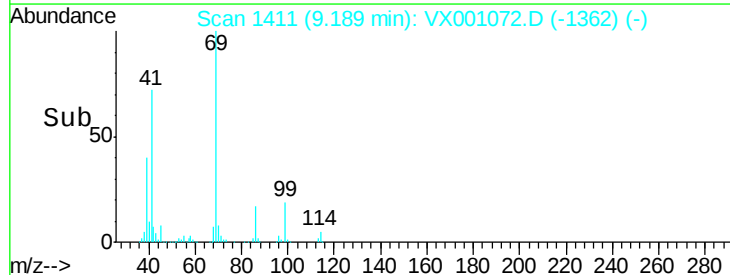
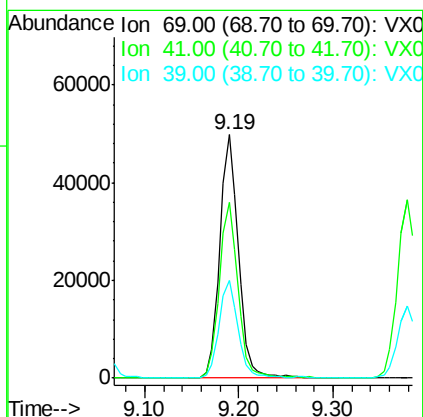
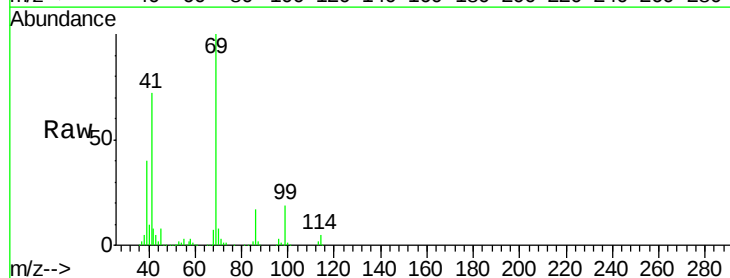
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD01

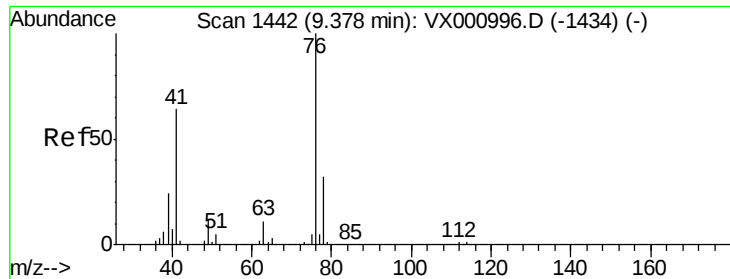
Tgt Ion: 97 Resp: 47284
 Ion Ratio Lower Upper
 97 100
 83 85.9 66.2 99.4
 85 52.9 44.2 66.4
 99 64.2 50.2 75.4



#56
 Ethyl methacrylate
 Concen: 19.72 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001072.D
 Acq: 23 Apr 2018 21:00

Tgt Ion: 69 Resp: 69120
 Ion Ratio Lower Upper
 69 100
 41 71.8 56.3 84.5
 39 39.9 30.4 45.6

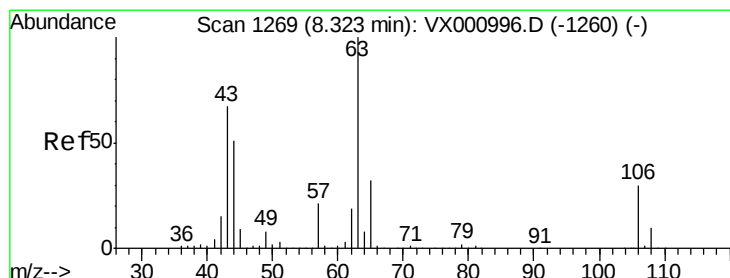
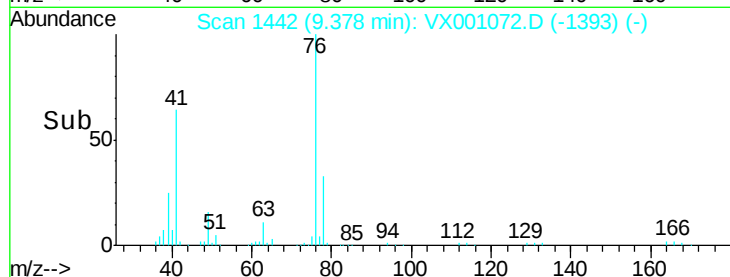
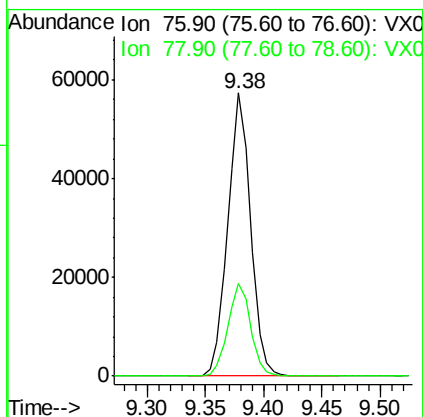
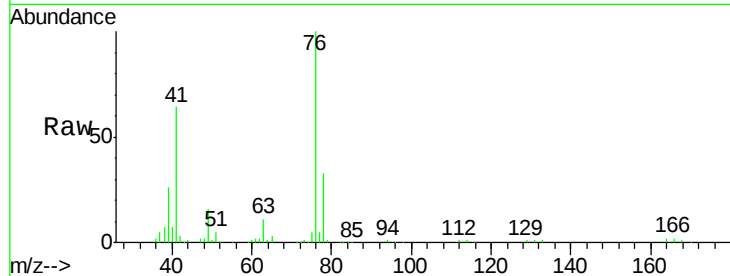




#57
 1,3-Dichloropropane
 Concen: 19.83 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001072.D
 Acq: 23 Apr 2018 21:00

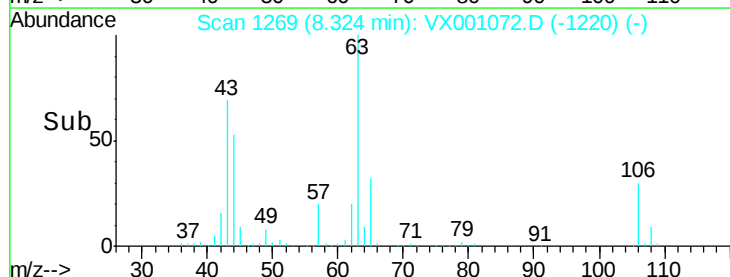
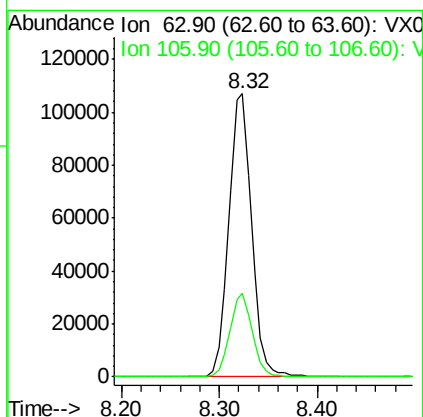
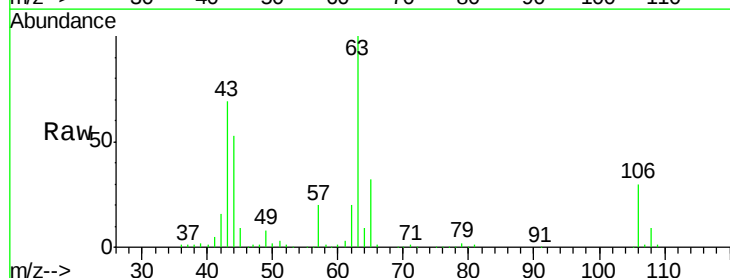
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD01

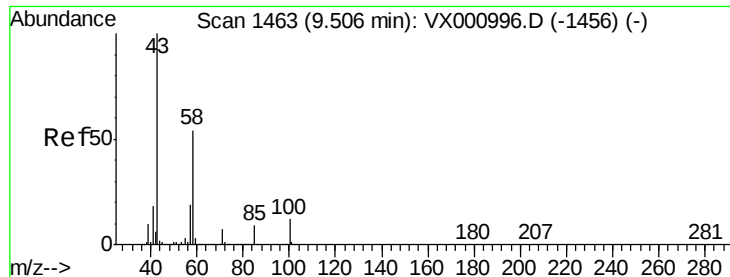
Tgt Ion: 76 Resp: 78390
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.91 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX001072.D
 Acq: 23 Apr 2018 21:00

Tgt Ion: 63 Resp: 172594
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.8 35.6

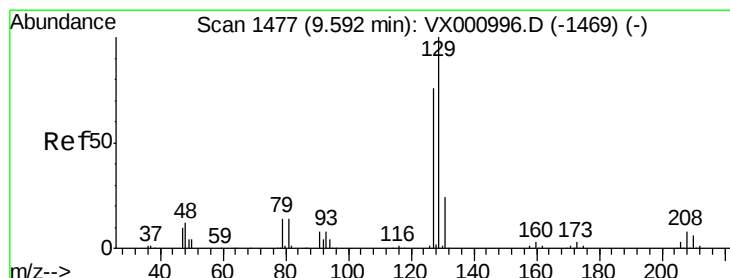
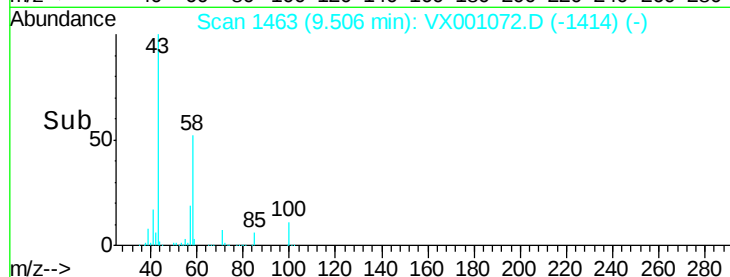
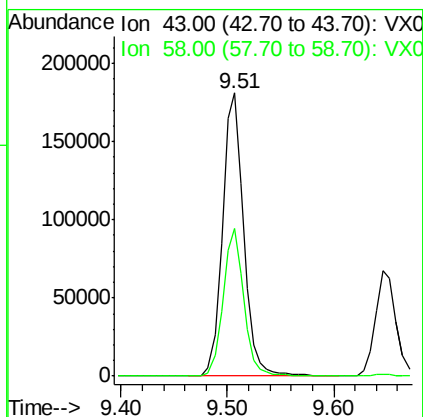
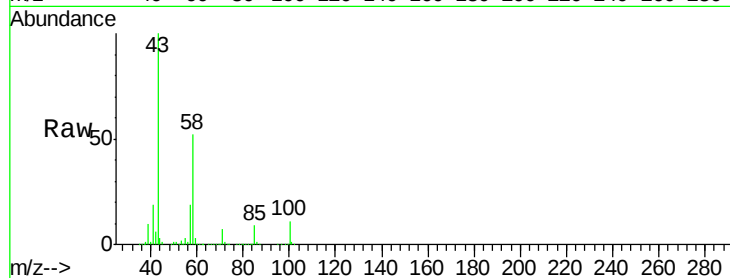




#59
2-Hexanone
Concen: 103.68 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001072.D
Acq: 23 Apr 2018 21:00

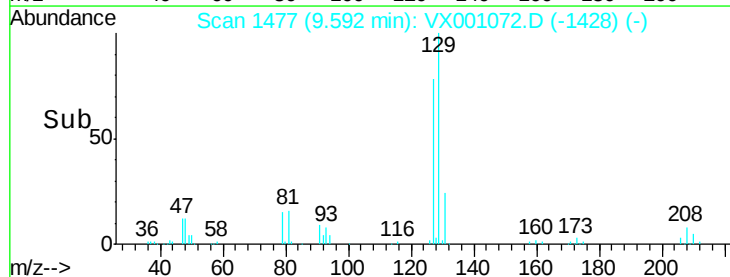
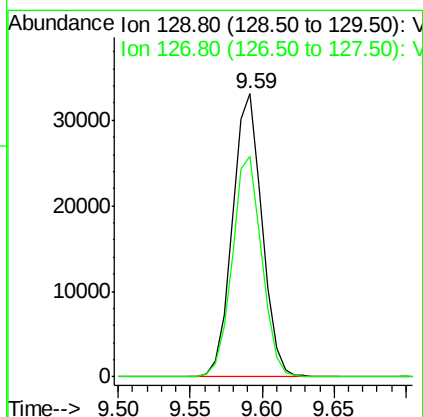
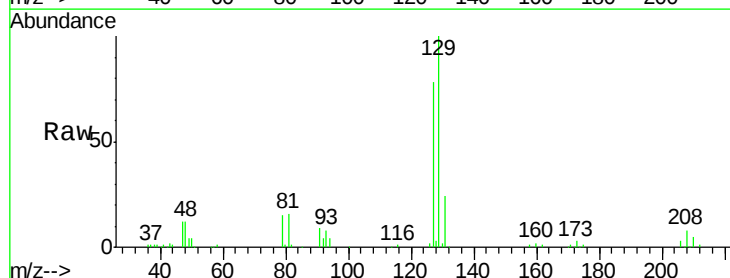
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

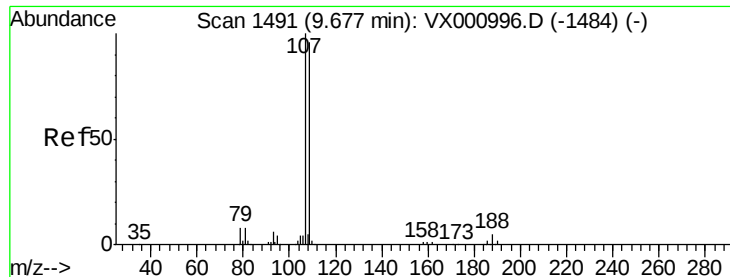
Tgt Ion: 43 Resp: 250882
Ion Ratio Lower Upper
43 100
58 51.2 26.3 78.9



#60
Dibromochloromethane
Concen: 18.95 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001072.D
Acq: 23 Apr 2018 21:00

Tgt Ion: 129 Resp: 47481
Ion Ratio Lower Upper
129 100
127 78.0 38.6 115.8

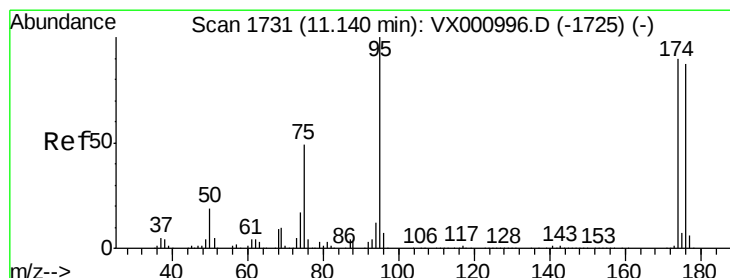
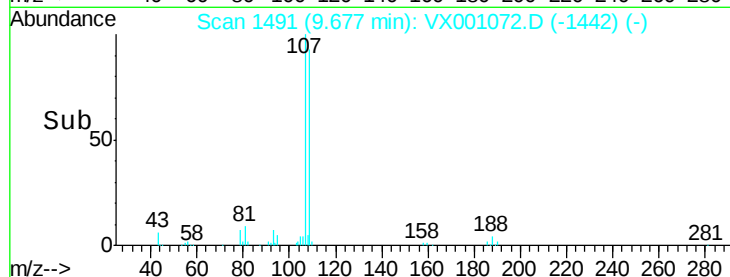
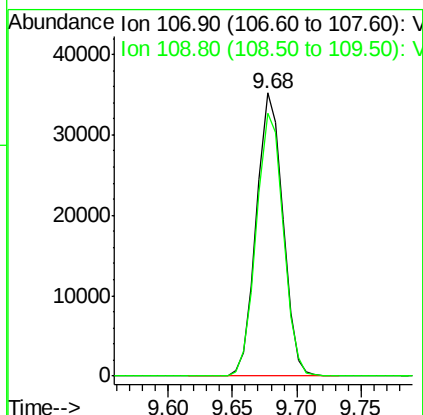
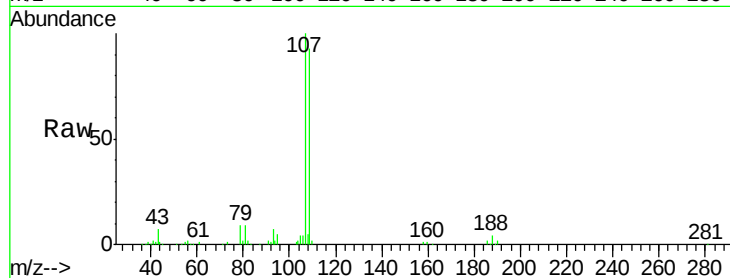




#61
 1,2-Dibromoethane
 Concen: 19.86 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX001072.D
 Acq: 23 Apr 2018 21:00

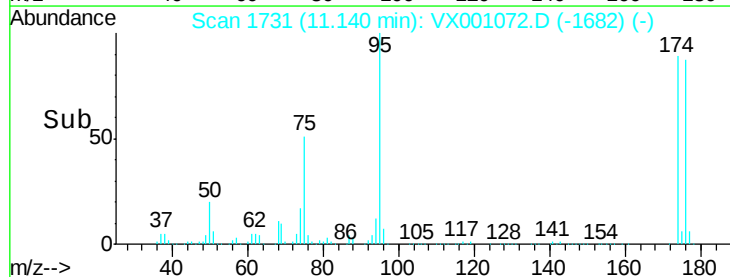
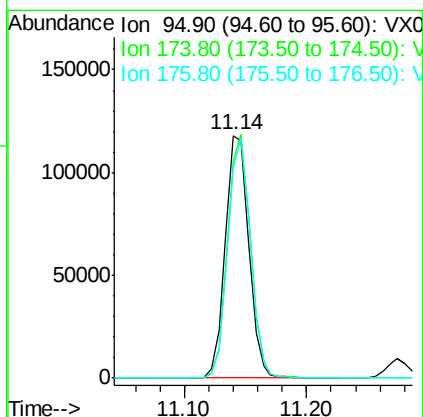
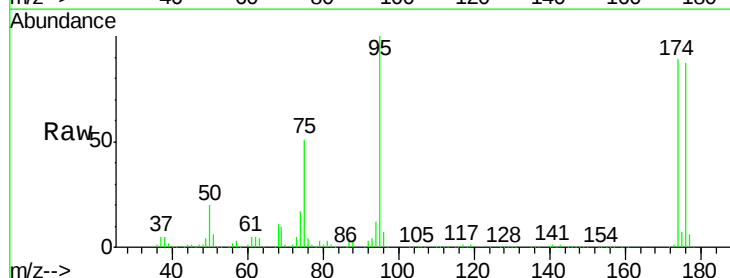
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD01

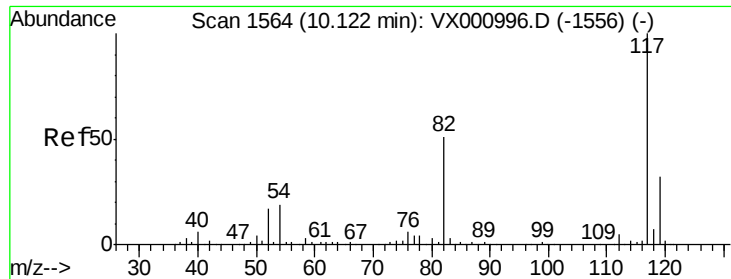
Tgt Ion: 107 Resp: 50007
 Ion Ratio Lower Upper
 107 100
 109 94.4 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 47.05 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001072.D
 Acq: 23 Apr 2018 21:00

Tgt Ion: 95 Resp: 156730
 Ion Ratio Lower Upper
 95 100
 174 97.6 0.0 198.4
 176 94.9 0.0 192.0

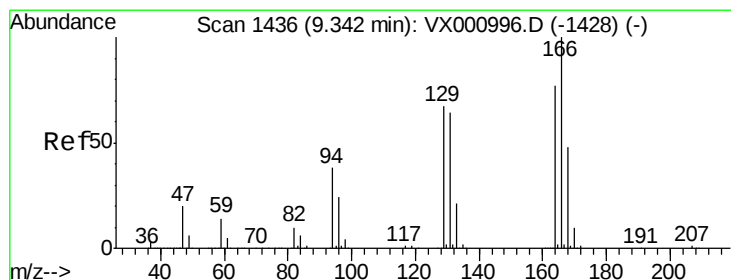
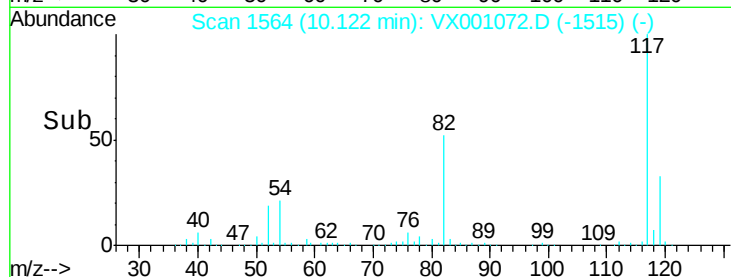
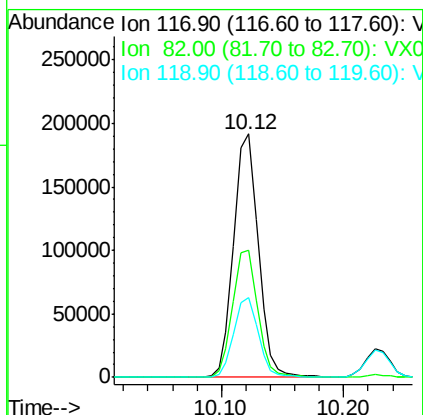
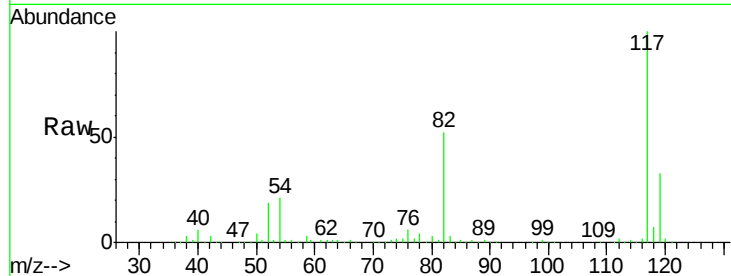




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001072.D
Acq: 23 Apr 2018 21:00

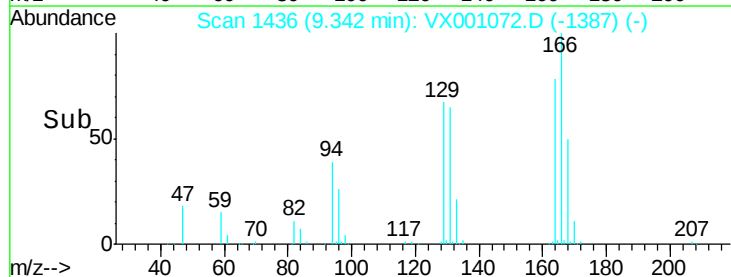
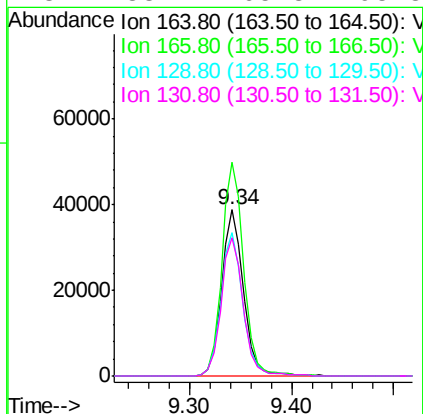
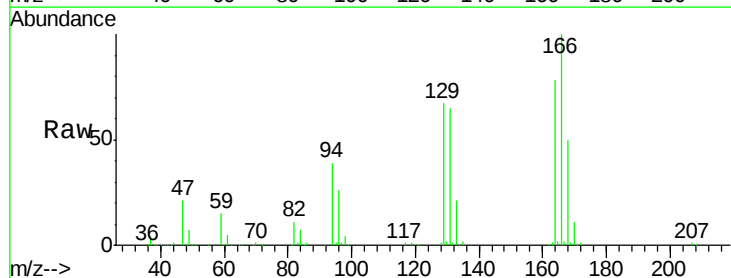
Instrument :
MSVOA_X
ClientSampled :
VX0423WBSD01

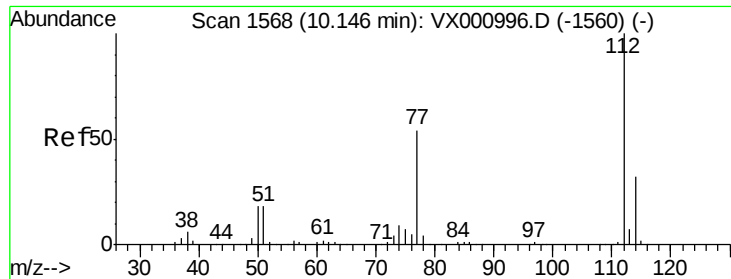
Tgt Ion:117 Resp: 268546
Ion Ratio Lower Upper
117 100
82 52.1 40.6 60.8
119 32.5 26.0 39.0



#64
Tetrachloroethene
Concen: 20.11 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001072.D
Acq: 23 Apr 2018 21:00

Tgt Ion:164 Resp: 57336
Ion Ratio Lower Upper
164 100
166 128.5 103.5 155.3
129 86.6 69.6 104.4
131 83.2 65.8 98.8





#65

Chlorobenzene

Concen: 21.05 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

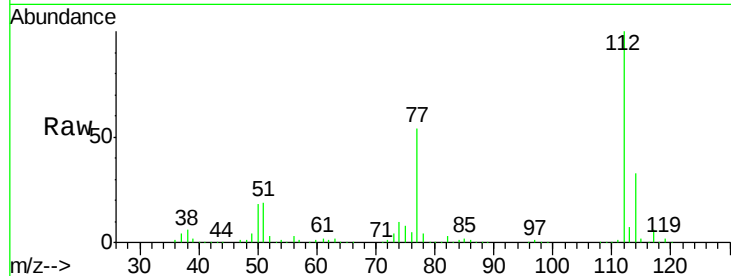
VX0423WBSD01

Tgt Ion:112 Resp: 150496

Ion Ratio Lower Upper

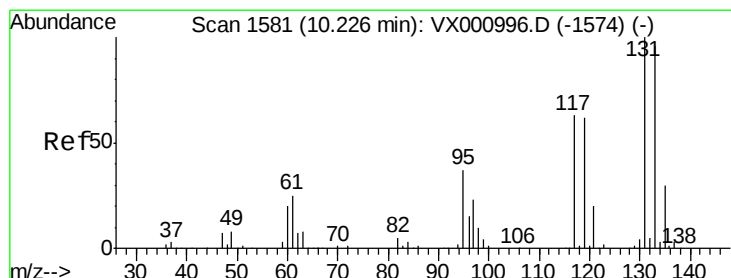
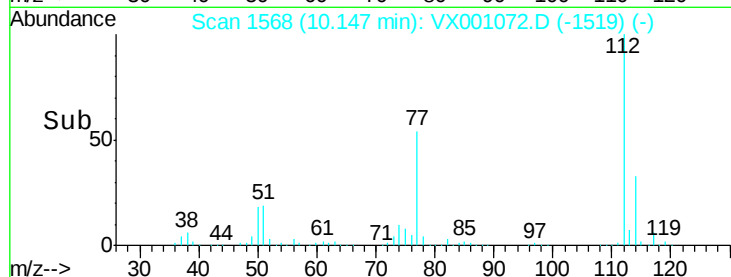
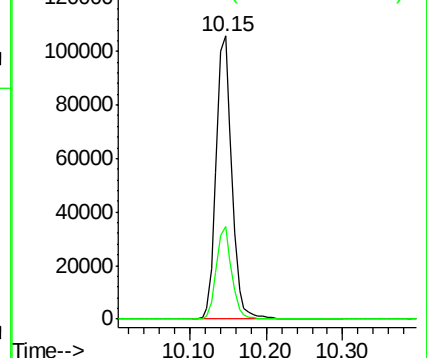
112 100

114 32.5 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.52 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

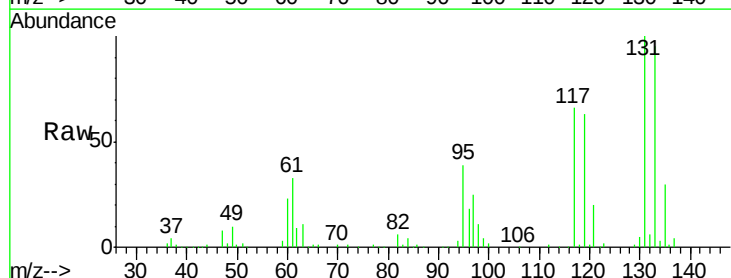
Tgt Ion:131 Resp: 47919

Ion Ratio Lower Upper

131 100

133 95.8 47.6 142.8

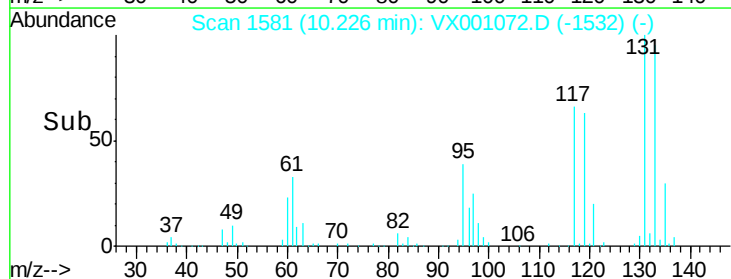
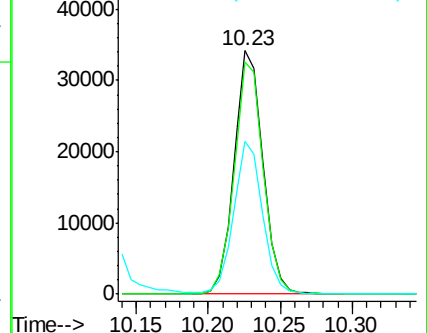
119 62.5 31.1 93.2

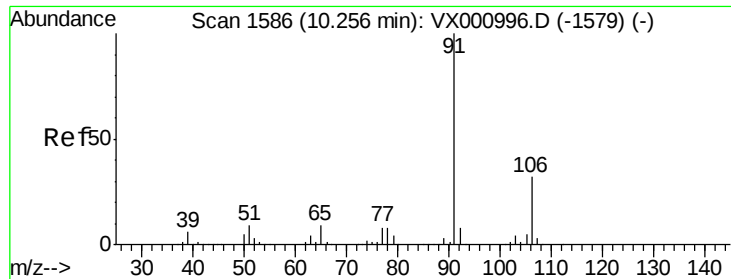


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

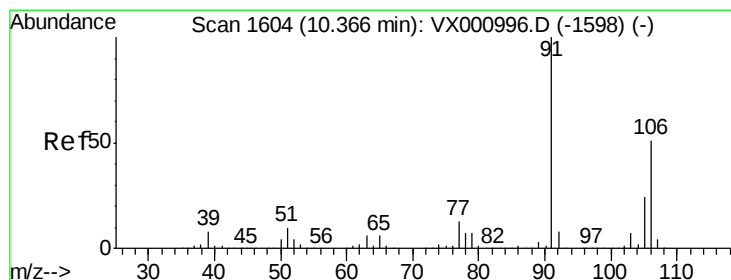
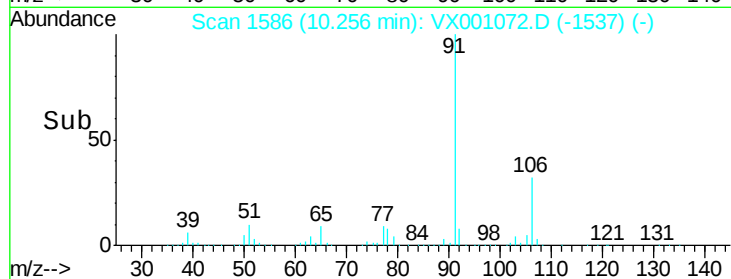
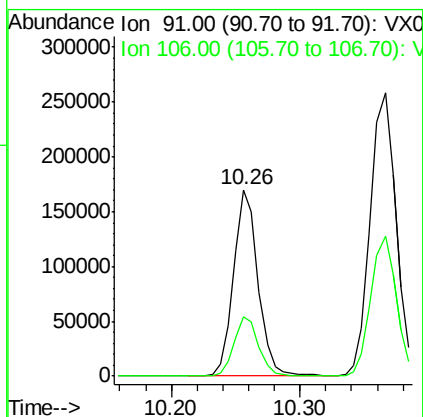
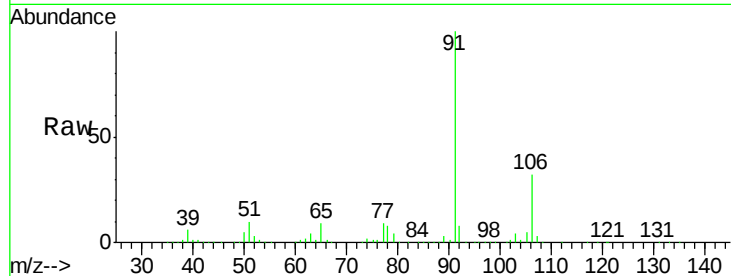




#67
Ethyl Benzene
Concen: 19.14 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001072.D
Acq: 23 Apr 2018 21:00

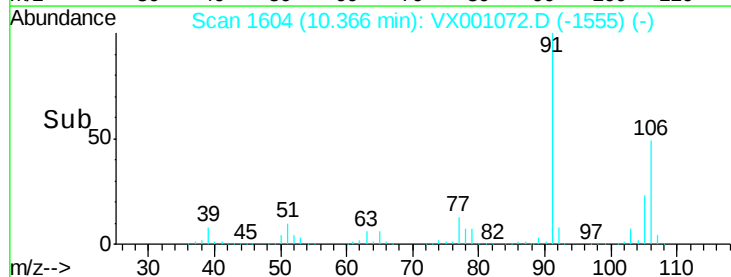
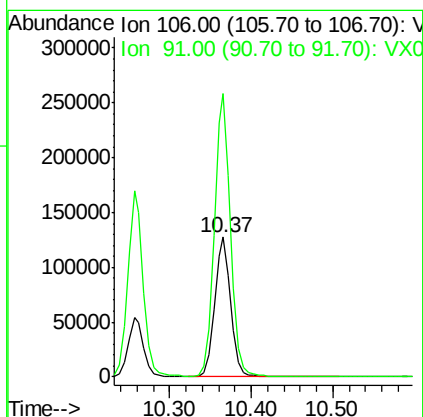
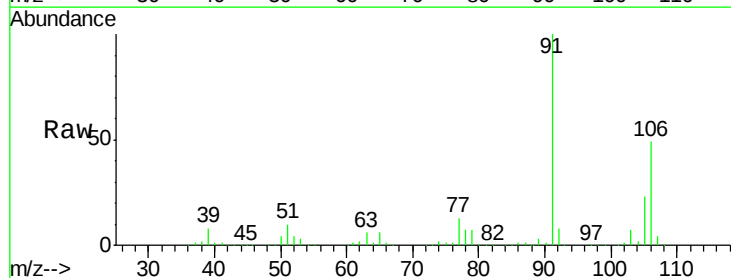
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

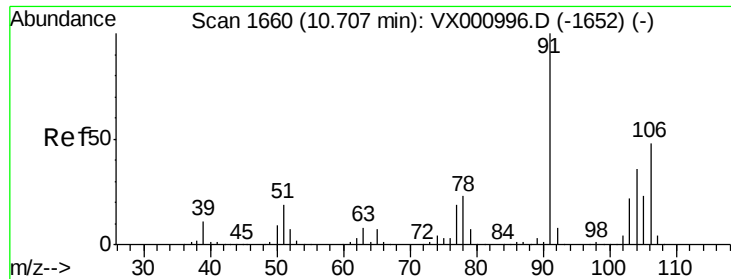
Tgt Ion: 91 Resp: 227280
Ion Ratio Lower Upper
91 100
106 32.1 25.7 38.5



#68
m/p-Xylenes
Concen: 37.95 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001072.D
Acq: 23 Apr 2018 21:00

Tgt Ion: 106 Resp: 177606
Ion Ratio Lower Upper
106 100
91 202.5 159.3 238.9

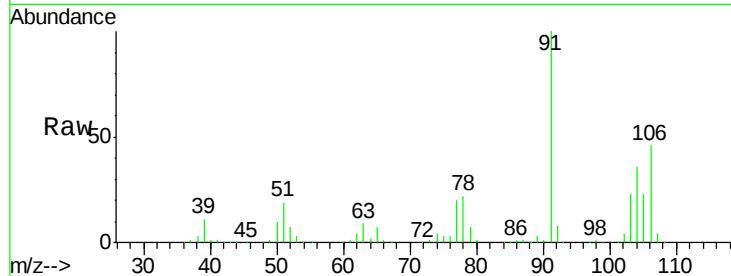




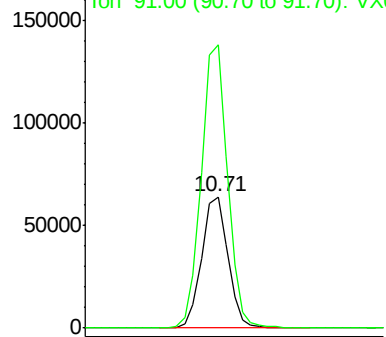
#69
o-Xylene
Concen: 19.20 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001072.D
Acq: 23 Apr 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

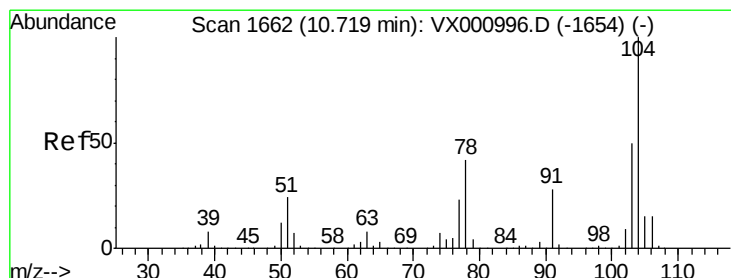
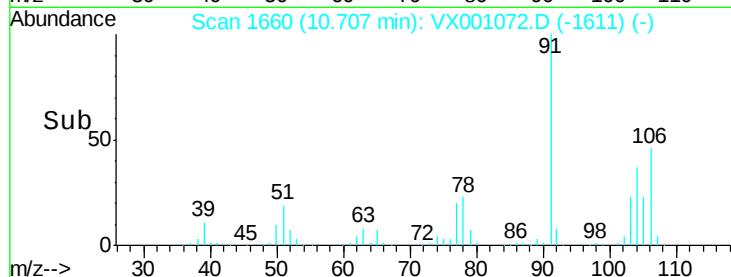
Tgt Ion:106 Resp: 86645
Ion Ratio Lower Upper
106 100
91 214.5 105.1 315.1



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

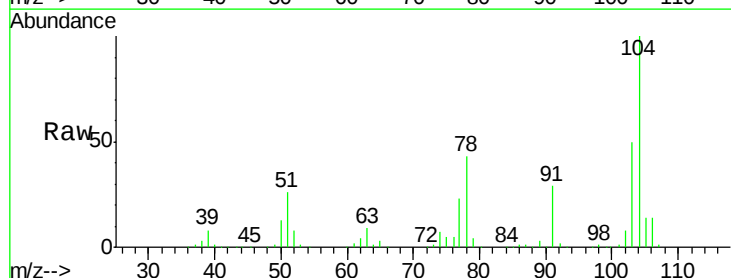


Time-->

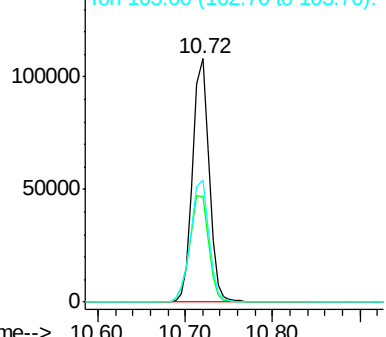


#70
Styrene
Concen: 19.02 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001072.D
Acq: 23 Apr 2018 21:00

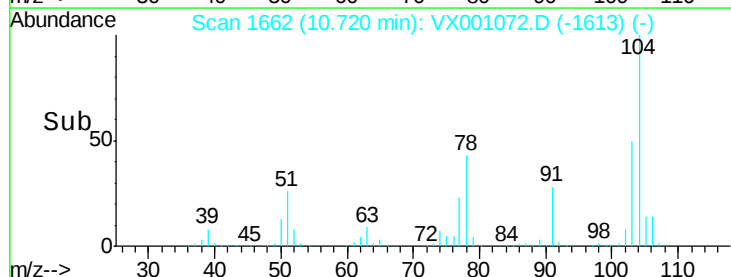
Tgt Ion:104 Resp: 141333
Ion Ratio Lower Upper
104 100
78 50.5 39.4 59.2
103 56.0 44.2 66.2

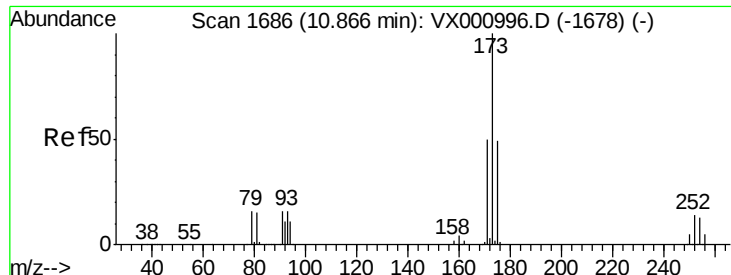


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time-->

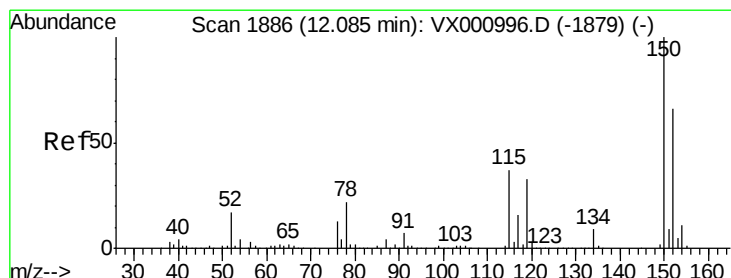
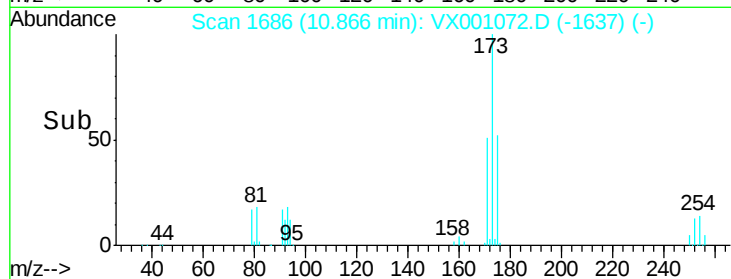
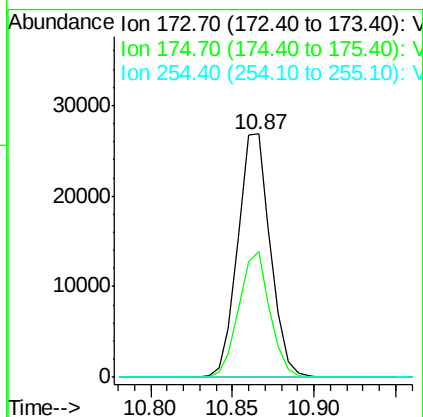
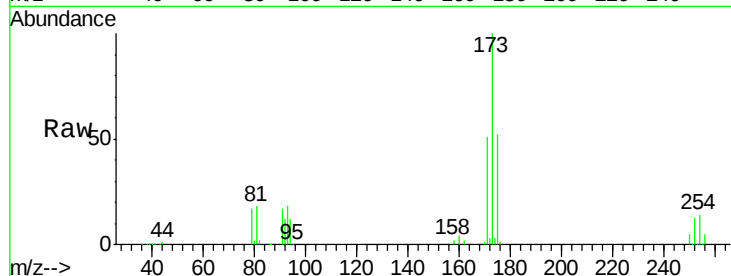




#71
Bromoform
Concen: 18.15 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX001072.D
Acq: 23 Apr 2018 21:00

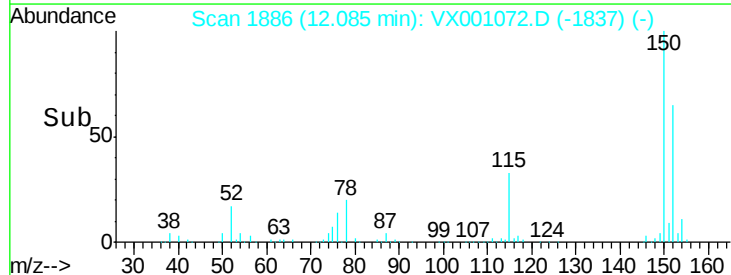
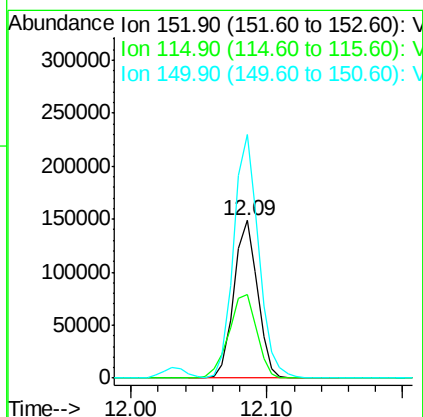
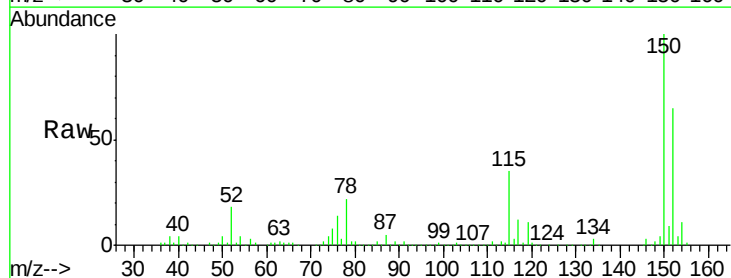
Instrument :
MSVOA_X
ClientSampled :
VX0423WBSD01

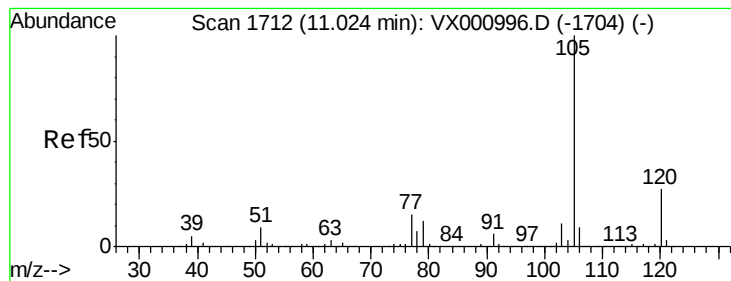
Tgt Ion:173 Resp: 37283
Ion Ratio Lower Upper
173 100
175 49.5 24.8 74.3
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001072.D
Acq: 23 Apr 2018 21:00

Tgt Ion:152 Resp: 180239
Ion Ratio Lower Upper
152 100
115 63.0 38.2 114.6
150 163.1 0.0 350.4





#73

Isopropylbenzene

Concen: 19.96 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

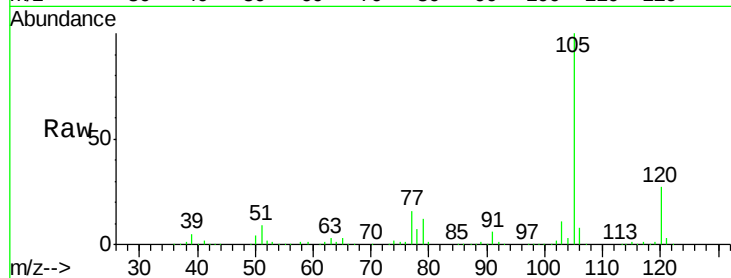
VX0423WBSD01

Tgt Ion: 105 Resp: 235190

Ion Ratio Lower Upper

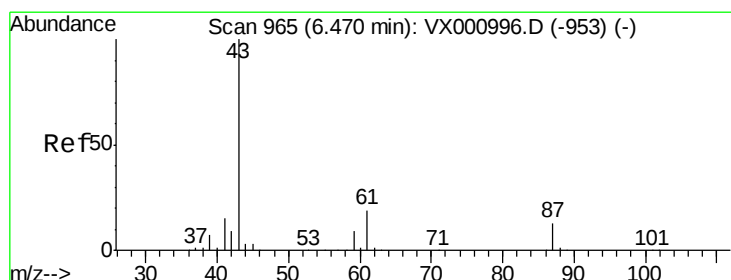
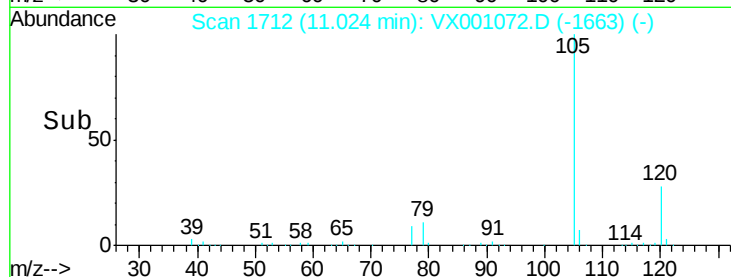
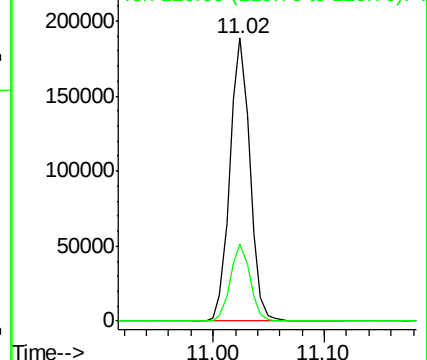
105 100

120 27.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.41 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

Tgt Ion: 43 Resp: 102866

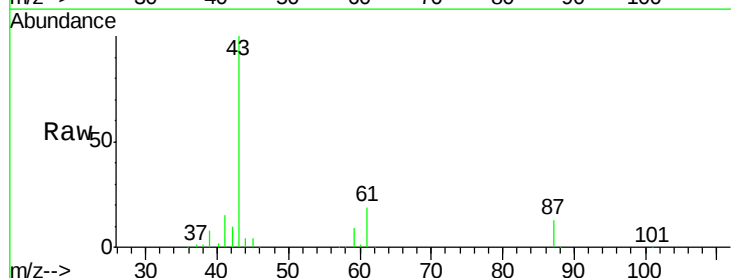
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.0 15.4 23.2

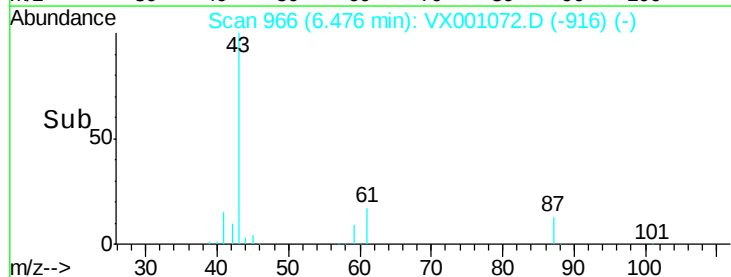
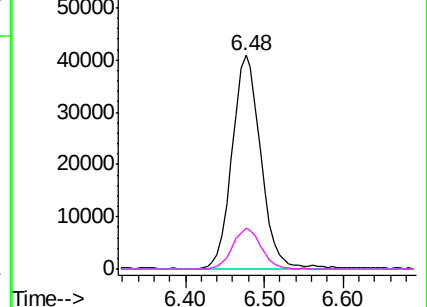


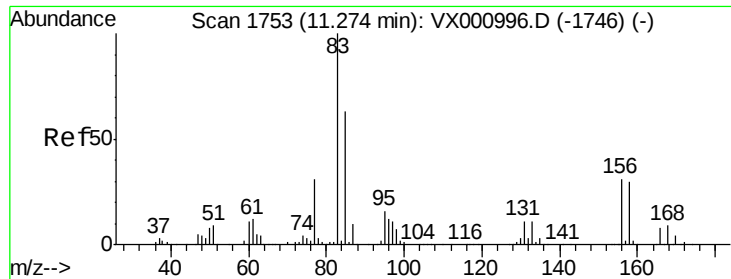
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.04 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

Instrument :

MSVOA_X

ClientSampled :

VX0423WBSD01

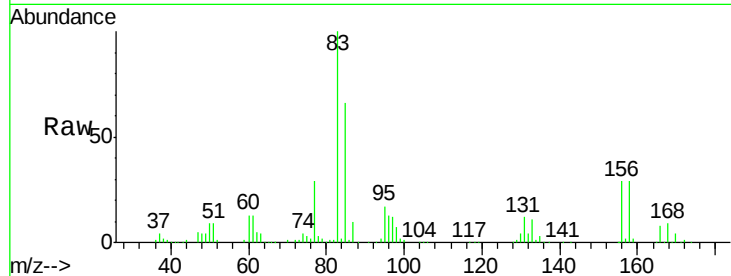
Tgt Ion: 83 Resp: 70172

Ion Ratio Lower Upper

83 100

131 11.7 5.8 17.4

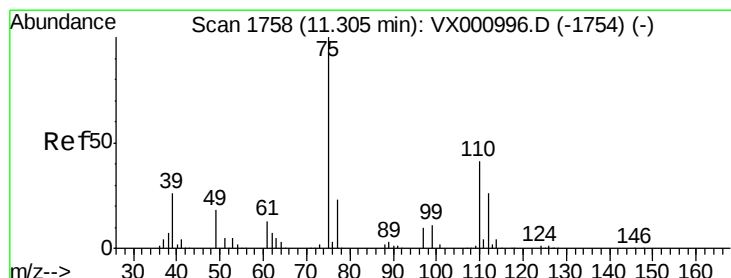
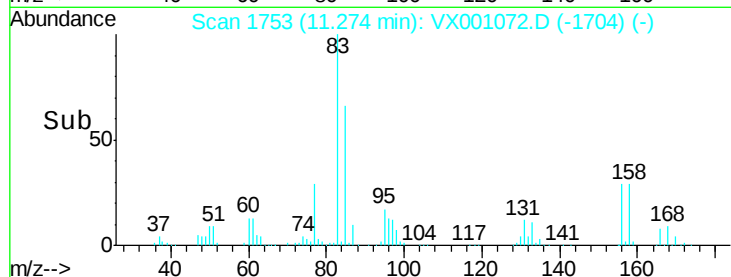
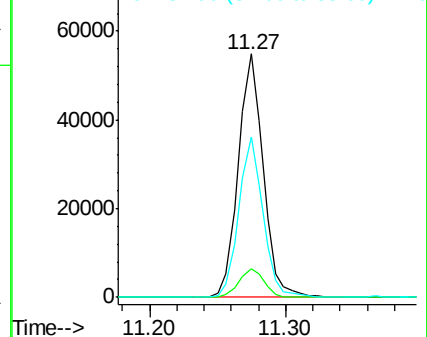
85 64.1 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.16 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001072.D

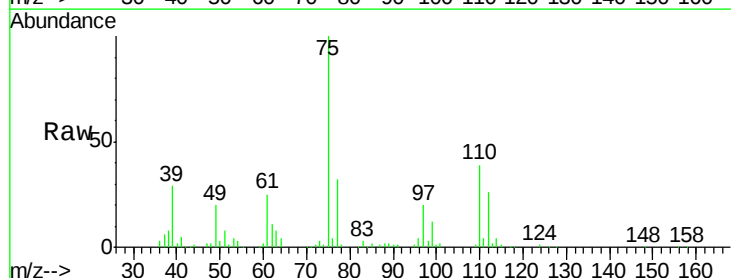
Acq: 23 Apr 2018 21:00

Tgt Ion: 75 Resp: 75546

Ion Ratio Lower Upper

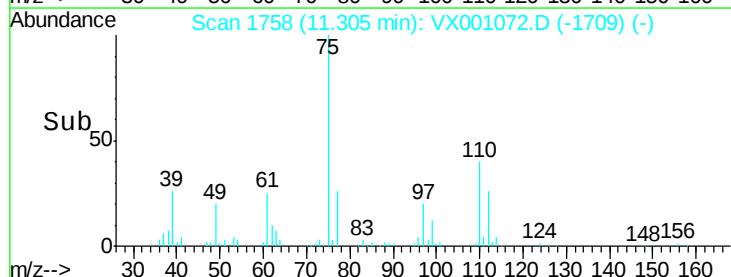
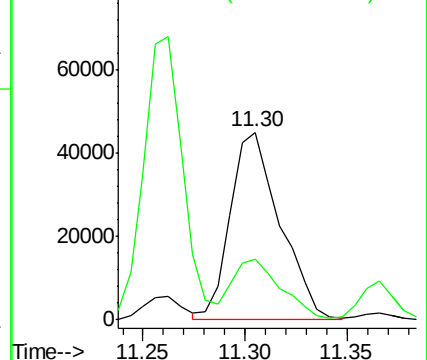
75 100

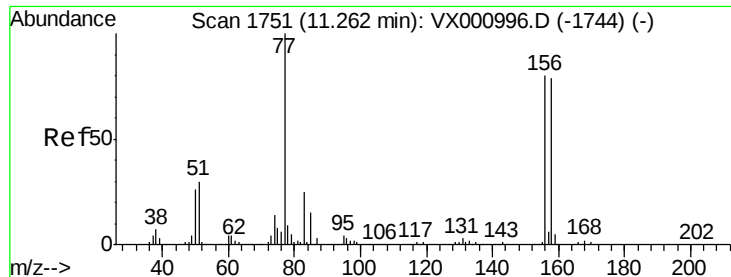
77 31.6 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

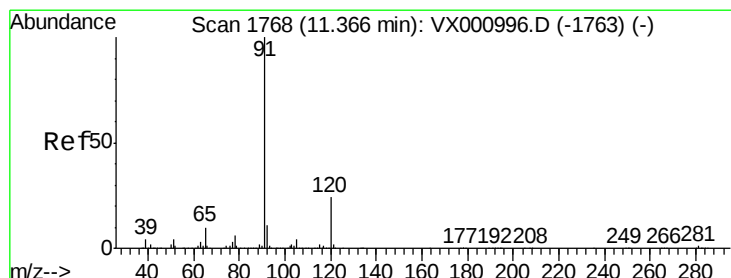
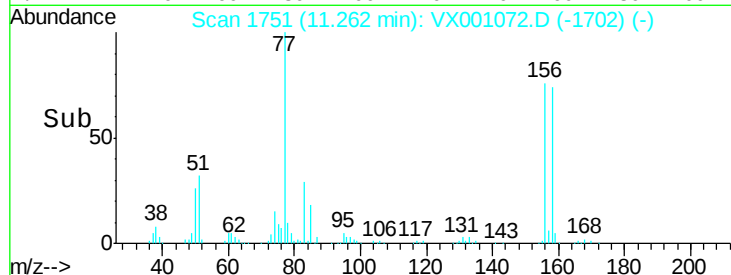
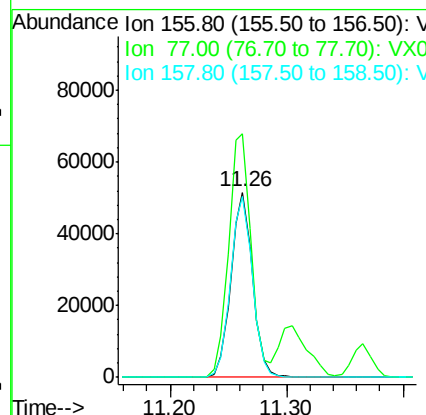
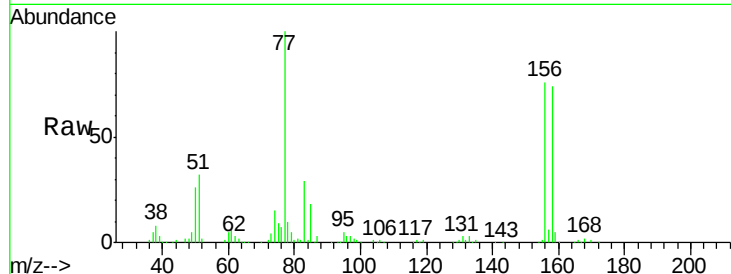




#77
Bromobenzene
Concen: 19.35 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VX001072.D
Acq: 23 Apr 2018 21:00

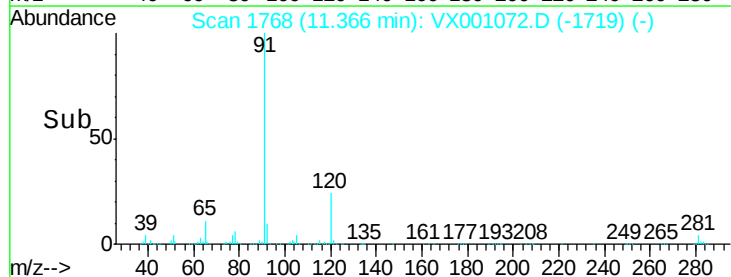
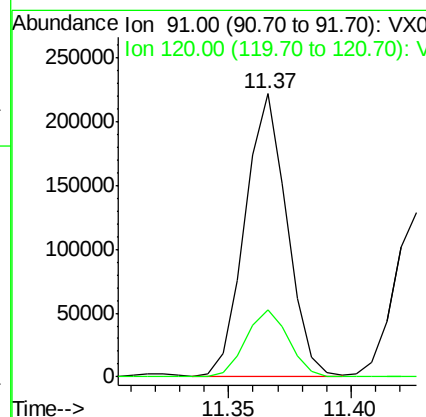
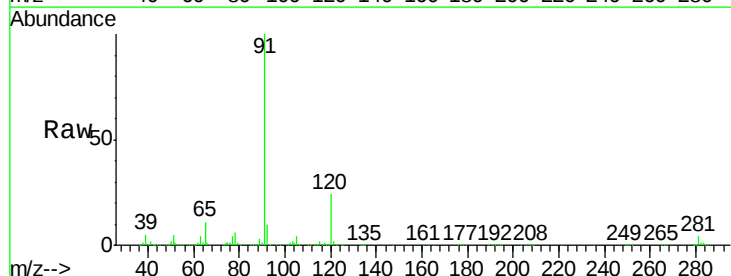
Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

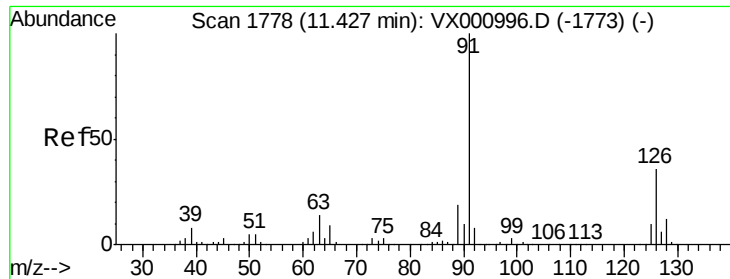
Tgt Ion: 156 Resp: 66190
Ion Ratio Lower Upper
156 100
77 137.3 66.3 199.0
158 99.4 48.9 146.6



#78
n-propylbenzene
Concen: 19.48 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX001072.D
Acq: 23 Apr 2018 21:00

Tgt Ion: 91 Resp: 263530
Ion Ratio Lower Upper
91 100
120 24.4 12.4 37.0





#79

2-Chlorotoluene

Concen: 19.83 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

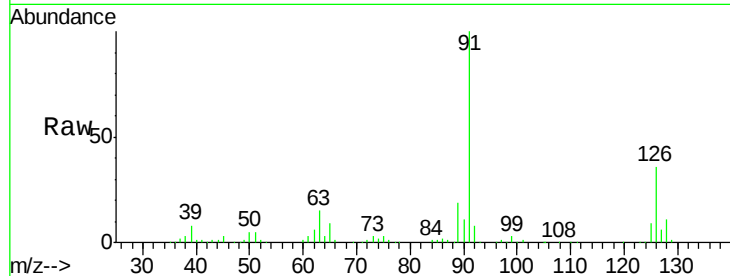
VX0423WBSD01

Tgt Ion: 91 Resp: 158495

Ion Ratio Lower Upper

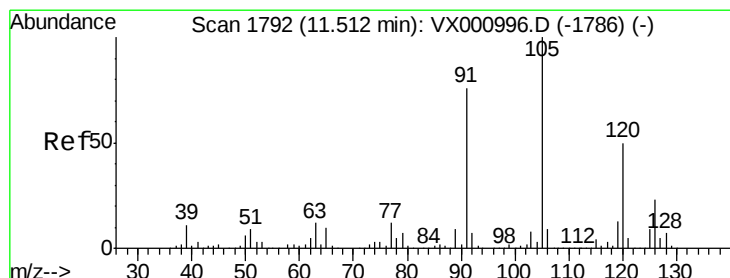
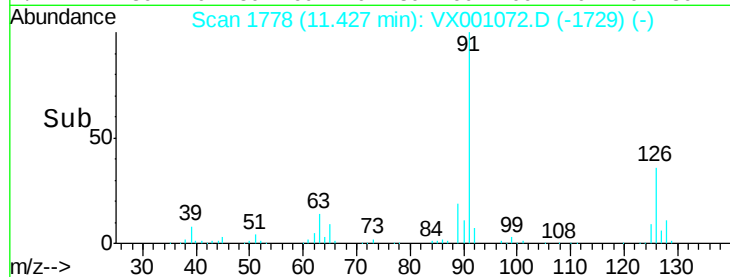
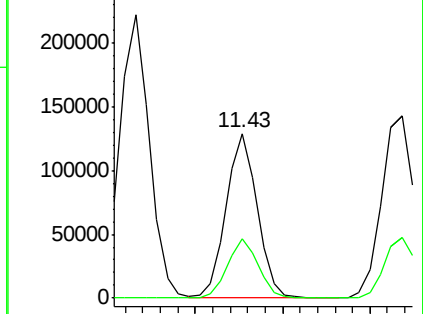
91 100

126 36.1 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.90 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001072.D

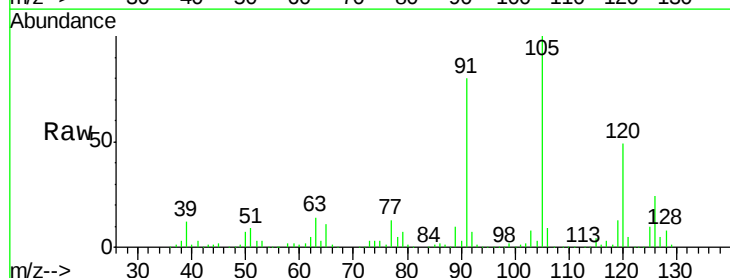
Acq: 23 Apr 2018 21:00

Tgt Ion: 105 Resp: 198760

Ion Ratio Lower Upper

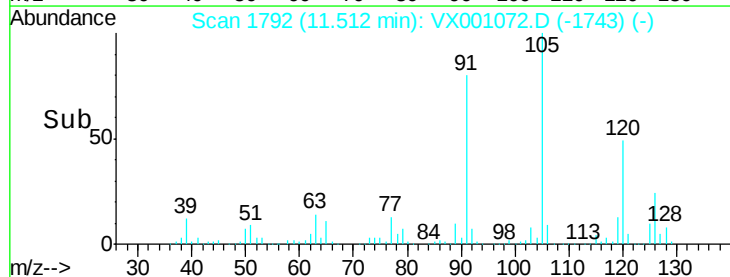
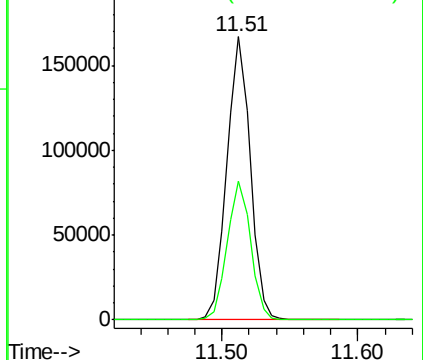
105 100

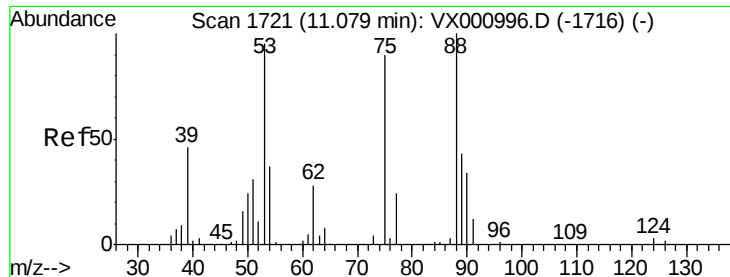
120 49.3 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 16.92 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

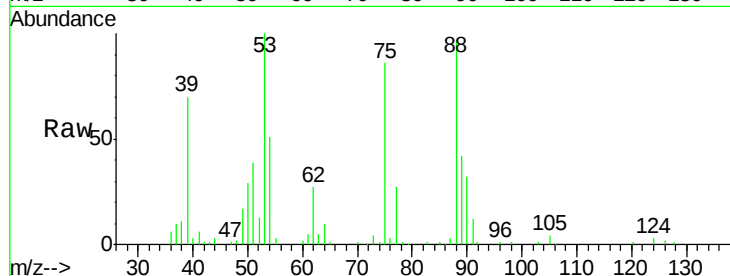
Tgt Ion: 75 Resp: 14900

Ion Ratio Lower Upper

75 100

53 117.8 83.4 125.2

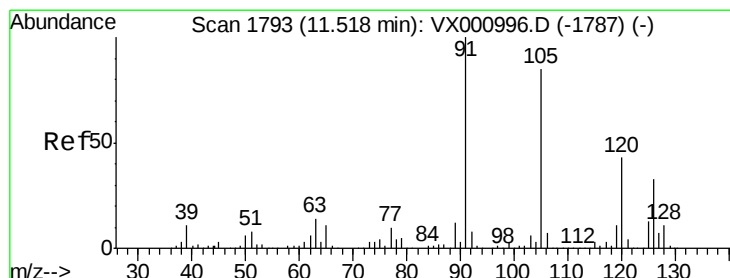
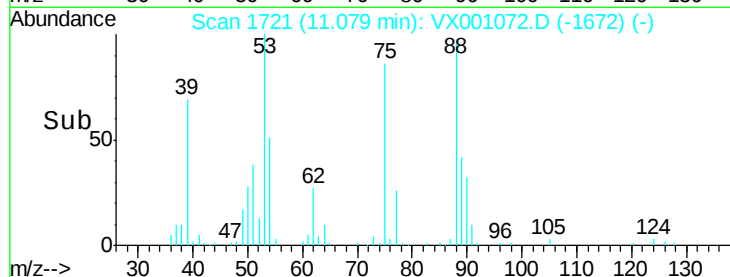
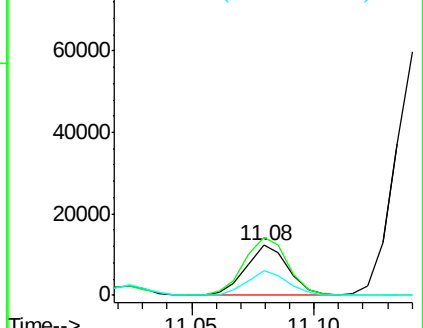
89 48.1 39.7 59.5



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: 19.23 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001072.D

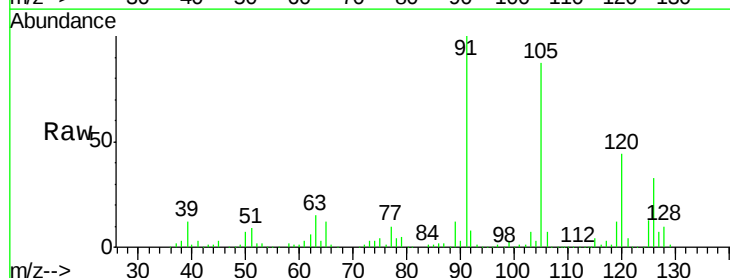
Acq: 23 Apr 2018 21:00

Tgt Ion: 91 Resp: 185744

Ion Ratio Lower Upper

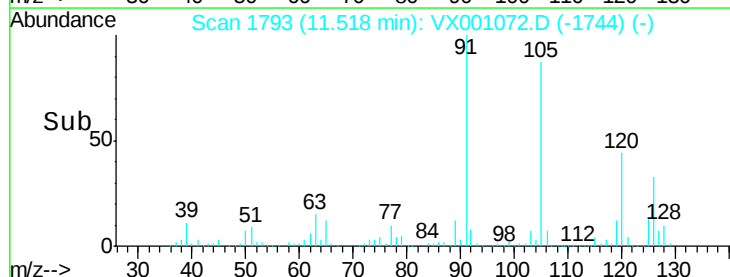
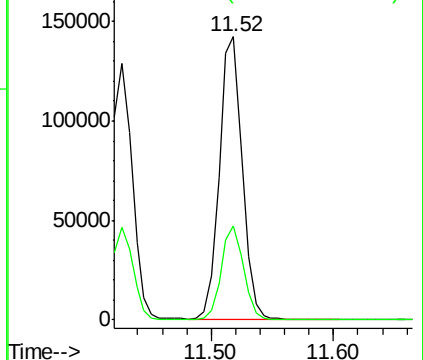
91 100

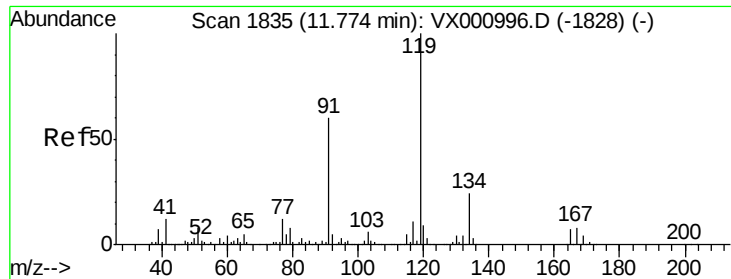
126 32.2 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

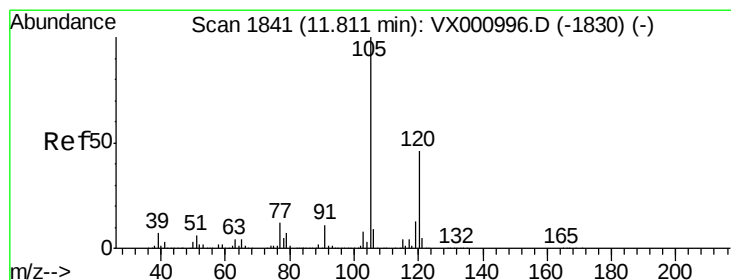
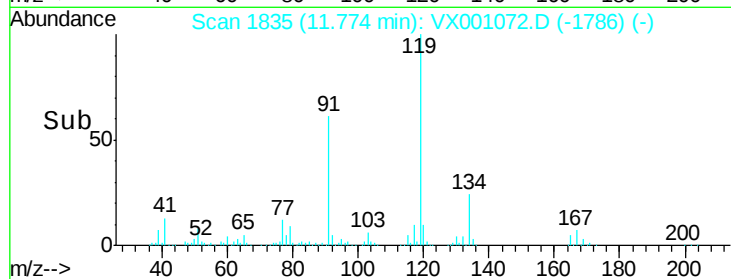
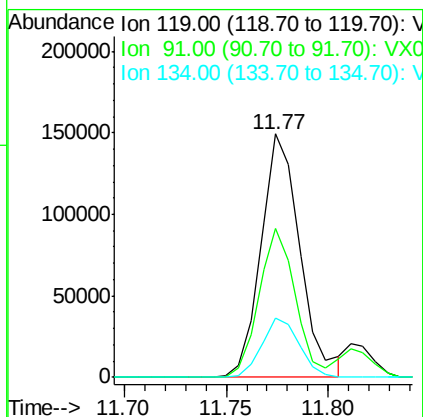
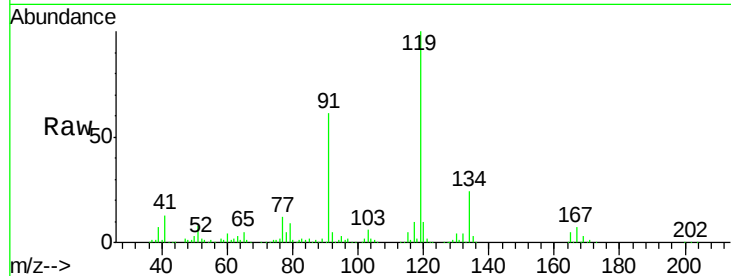




#83
 tert-Butylbenzene
 Concen: 19.71 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001072.D
 Acq: 23 Apr 2018 21:00

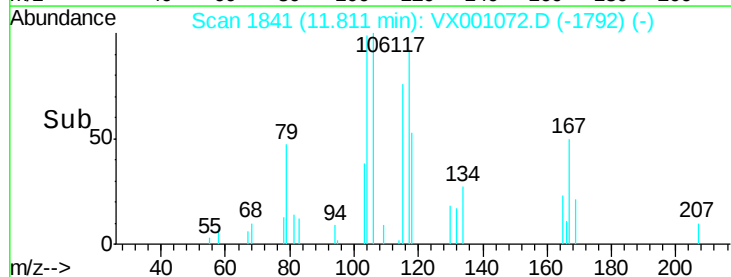
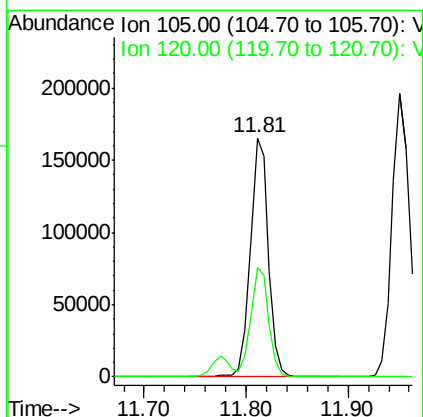
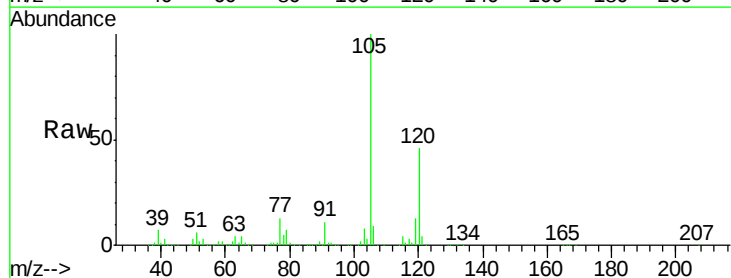
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD01

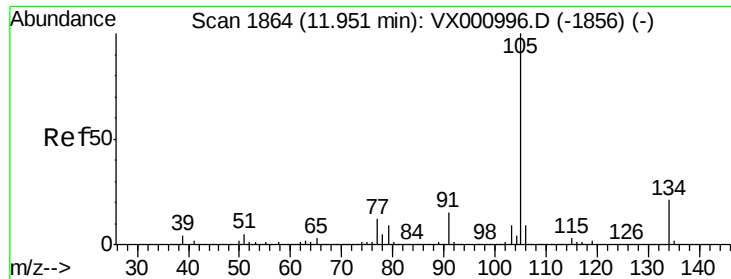
Tgt Ion:119 Resp: 198561
 Ion Ratio Lower Upper
 119 100
 91 57.5 27.0 81.0
 134 23.7 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 19.89 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001072.D
 Acq: 23 Apr 2018 21:00

Tgt Ion:105 Resp: 204498
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.0 69.0

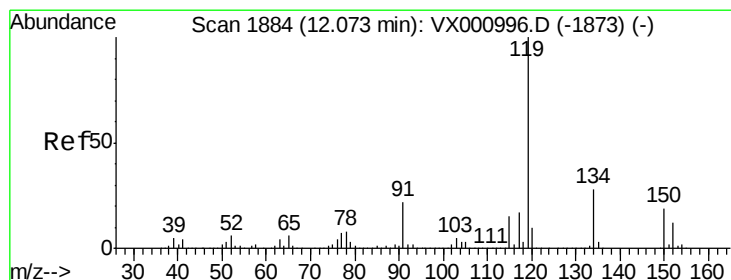
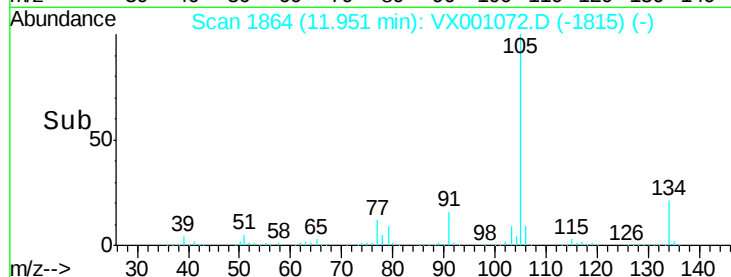
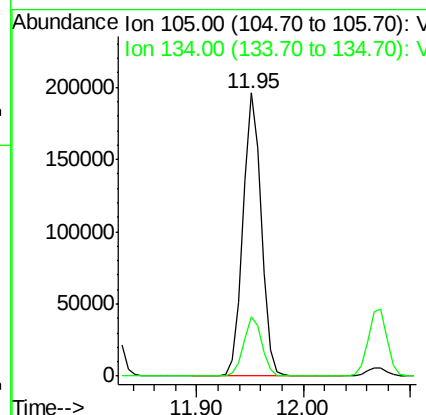
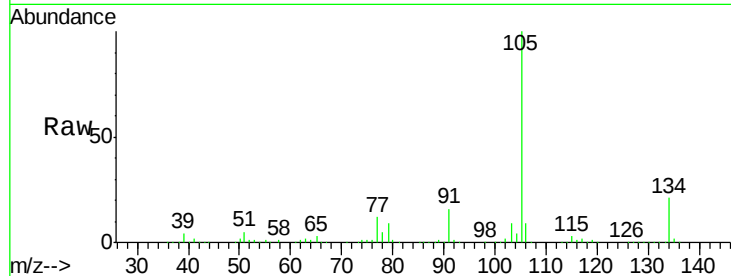




#85
 sec-Butylbenzene
 Concen: 19.73 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001072.D
 Acq: 23 Apr 2018 21:00

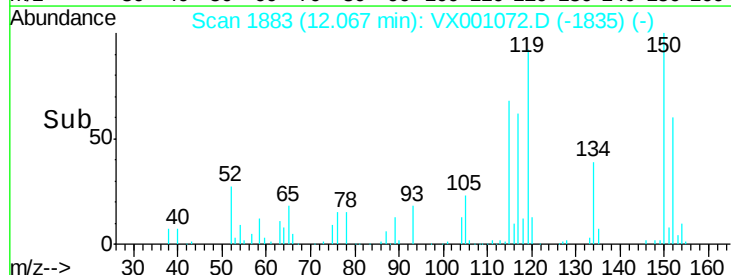
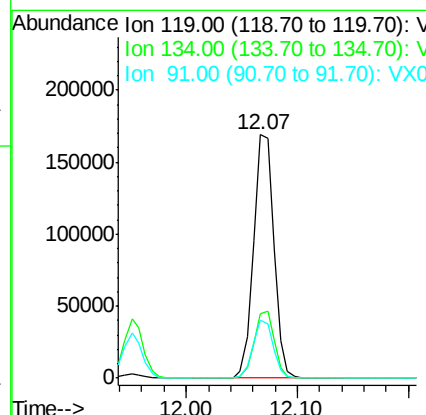
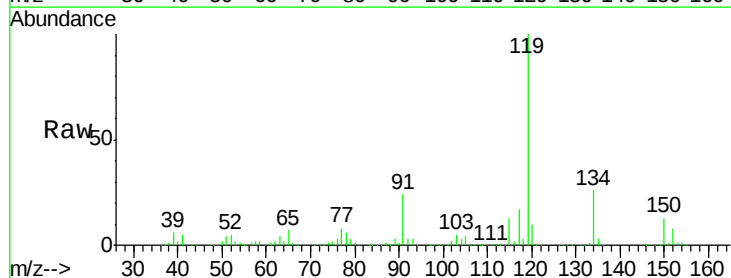
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD01

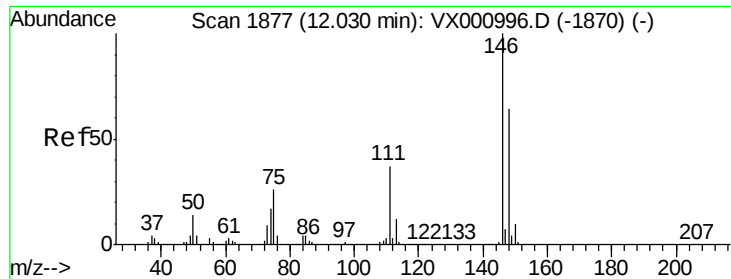
Tgt Ion:105 Resp: 237286
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 19.28 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001072.D
 Acq: 23 Apr 2018 21:00

Tgt Ion:119 Resp: 214543
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.5 40.5
 91 23.6 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 19.06 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

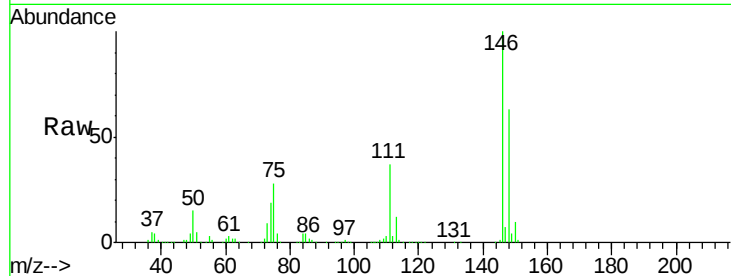
Tgt Ion:146 Resp: 122071

Ion Ratio Lower Upper

146 100

111 36.5 18.3 54.8

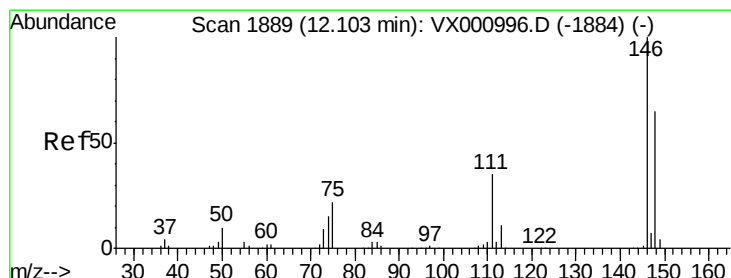
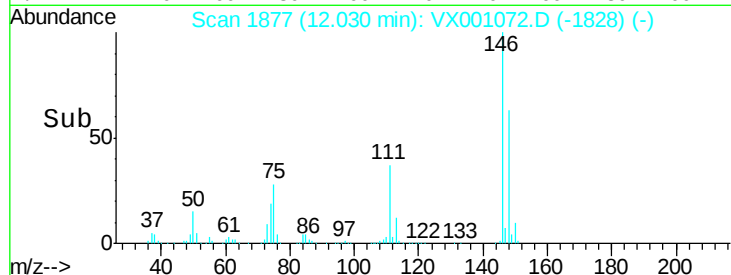
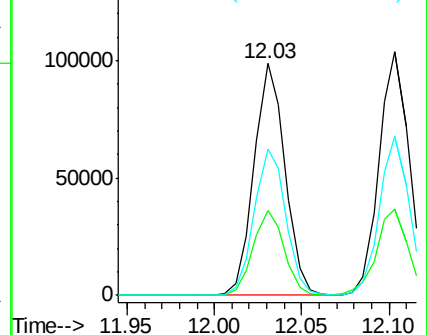
148 64.1 32.2 96.6



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



#88

1,4-Dichlorobenzene

Concen: 19.00 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

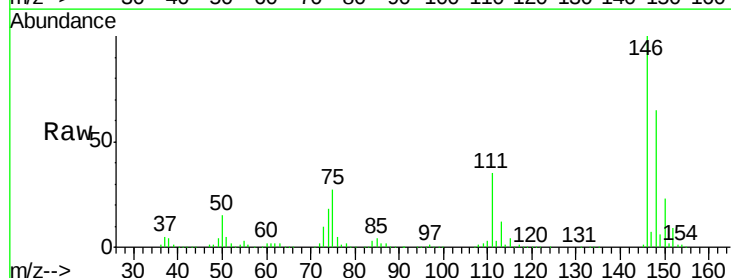
Tgt Ion:146 Resp: 124854

Ion Ratio Lower Upper

146 100

111 37.1 18.0 54.0

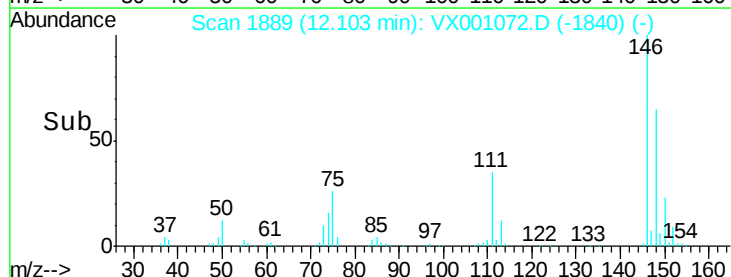
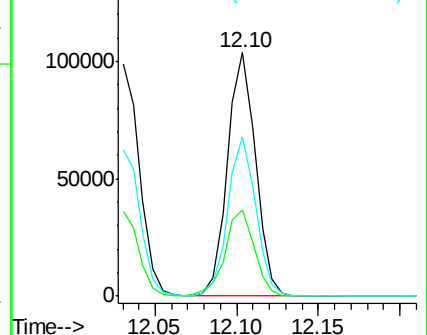
148 64.8 32.4 97.0

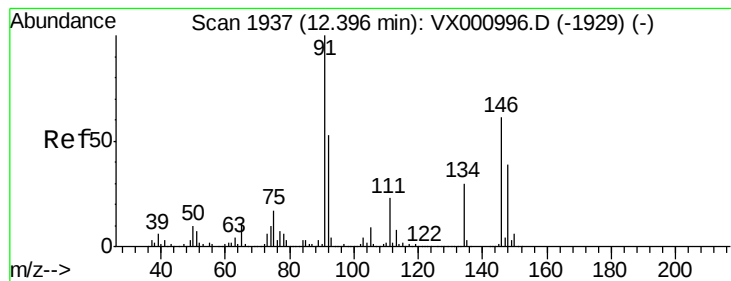


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.19 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001072.D

Acq: 23 Apr 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

VX0423WBSD01

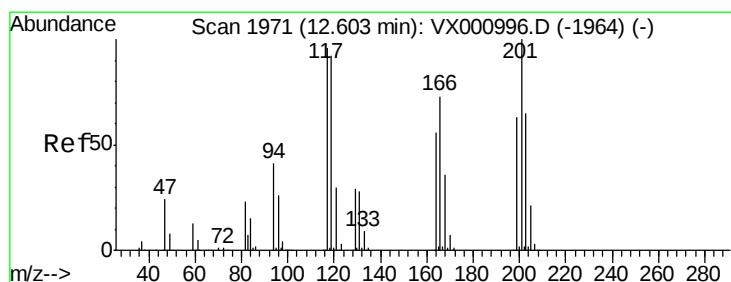
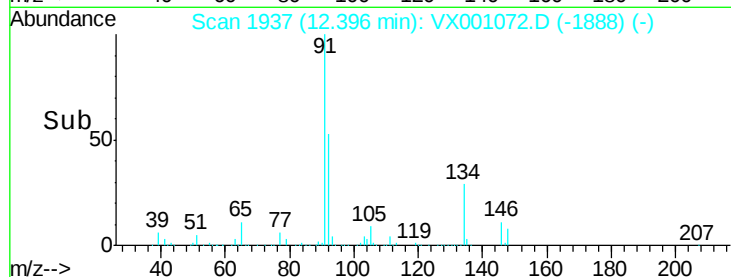
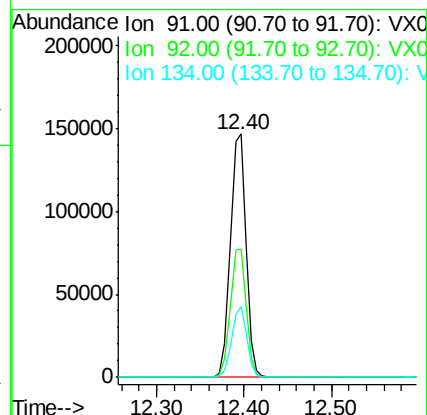
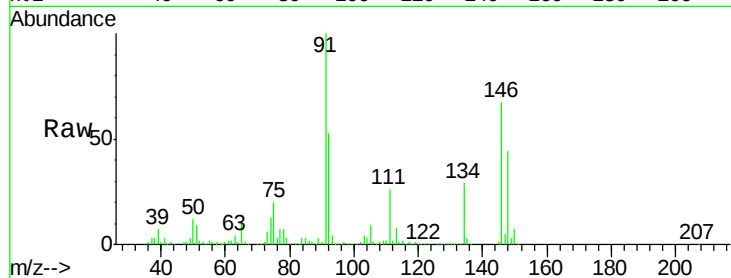
Tgt Ion: 91 Resp: 180073

Ion Ratio Lower Upper

91 100

92 53.0 26.3 78.9

134 28.0 14.4 43.0



#90

Hexachloroethane

Concen: 18.98 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001072.D

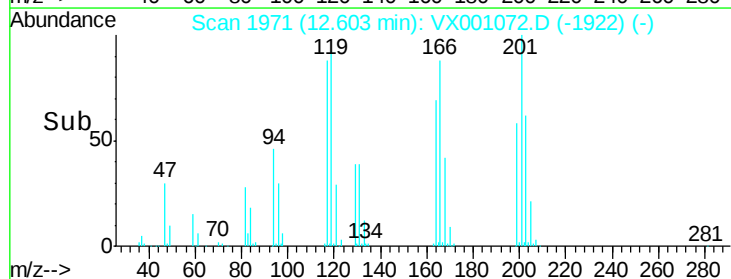
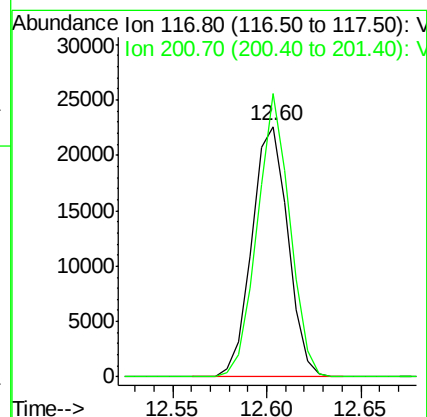
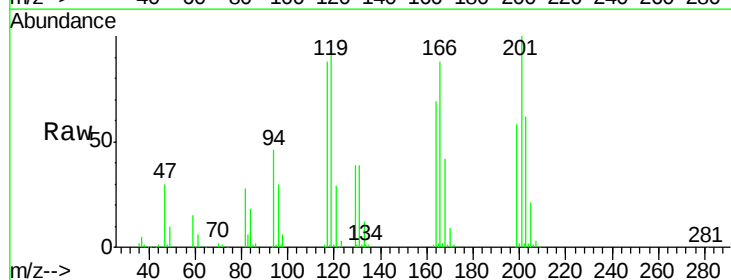
Acq: 23 Apr 2018 21:00

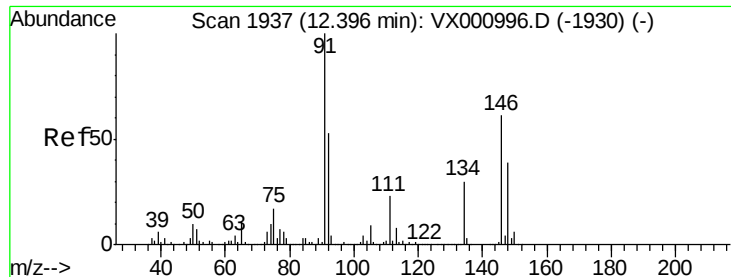
Tgt Ion: 117 Resp: 29920

Ion Ratio Lower Upper

117 100

201 102.0 52.3 157.1

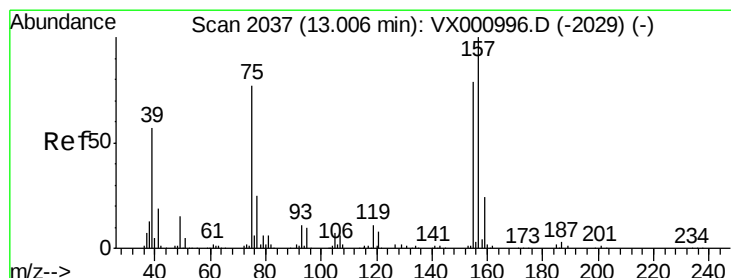
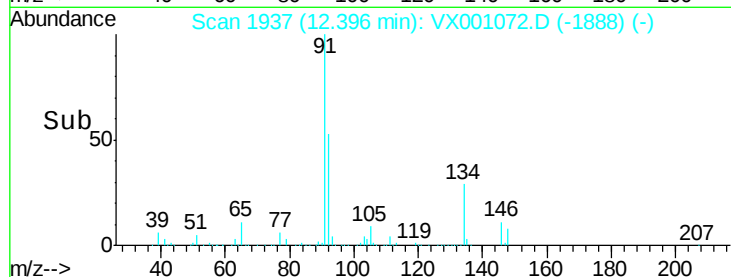
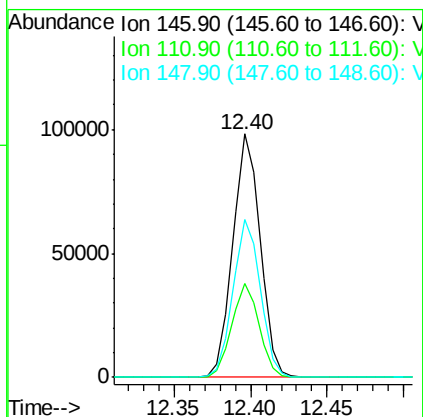
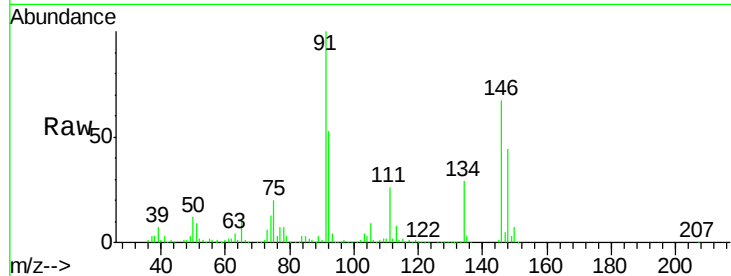




#91
 1,2-Dichlorobenzene
 Concen: 19.74 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001072.D
 Acq: 23 Apr 2018 21:00

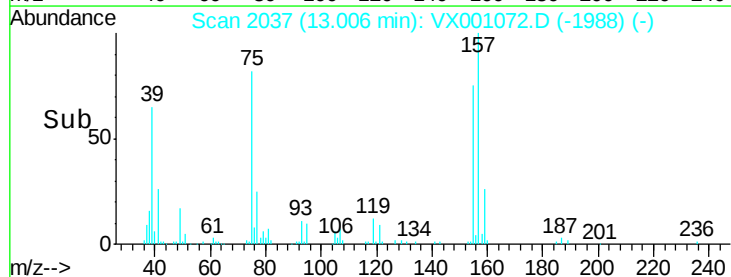
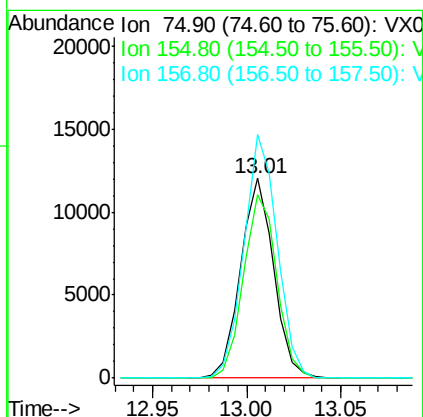
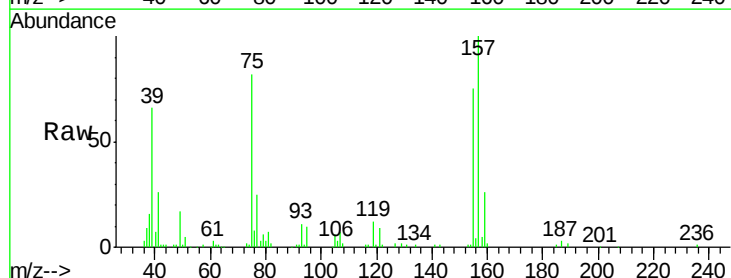
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD01

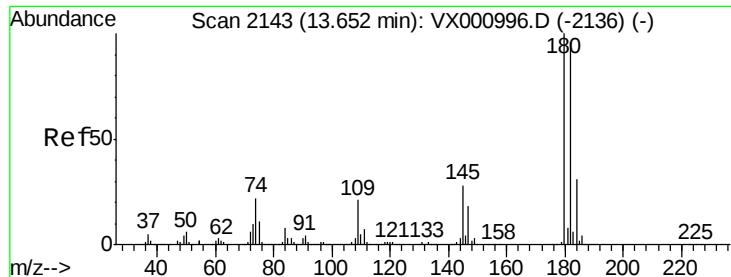
Tgt Ion:146 Resp: 122364
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.6 56.0
 148 64.6 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.95 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001072.D
 Acq: 23 Apr 2018 21:00

Tgt Ion: 75 Resp: 14642
 Ion Ratio Lower Upper
 75 100
 155 92.1 51.0 153.0
 157 122.5 64.9 194.7

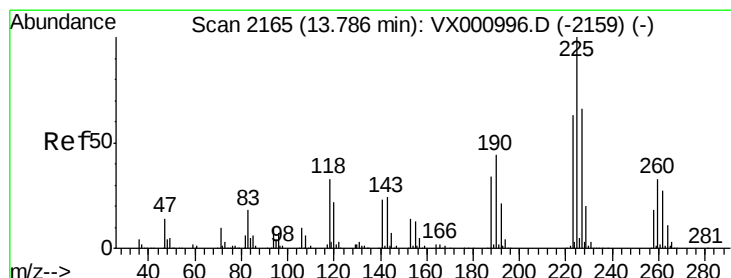
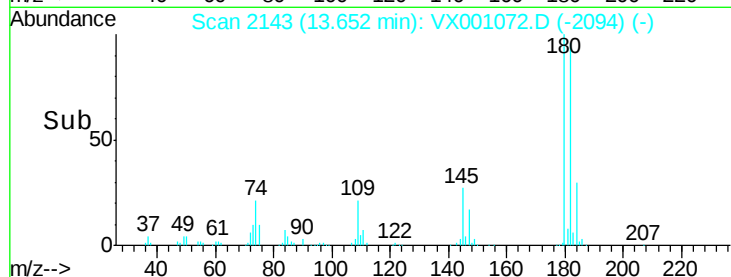
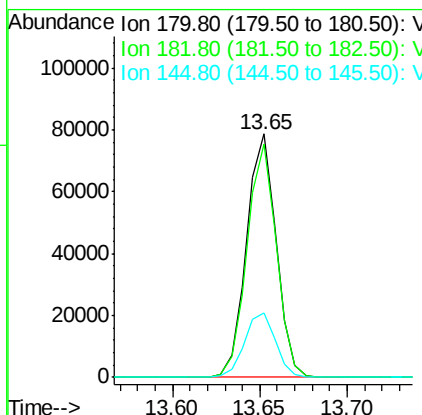
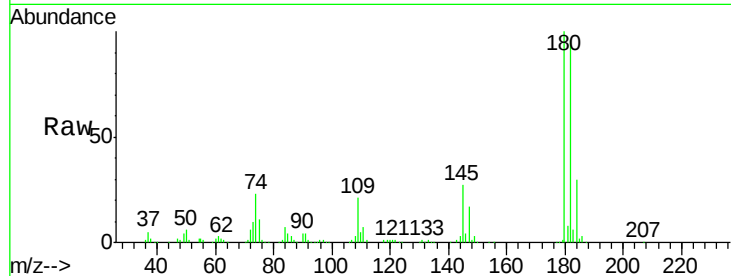




#93
 1,2,4-Trichlorobenzene
 Concen: 17.91 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001072.D
 Acq: 23 Apr 2018 21:00

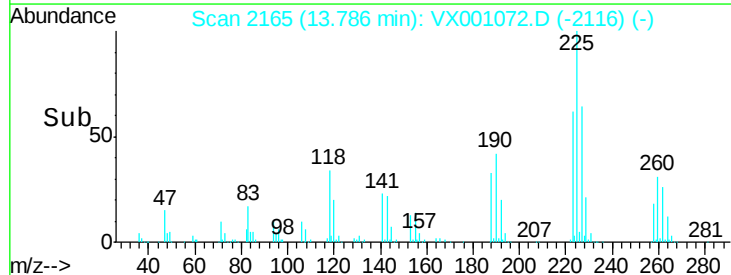
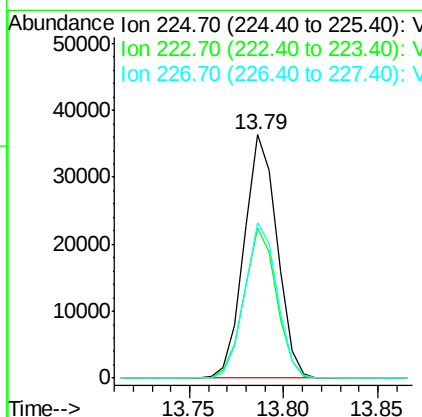
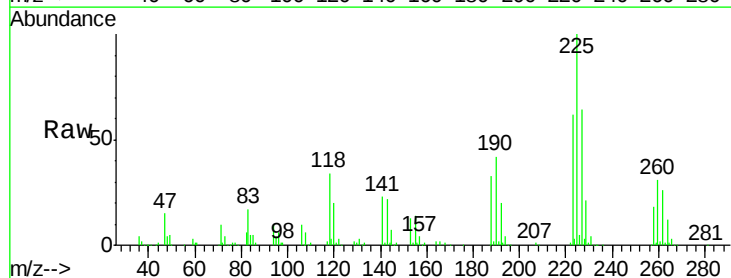
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBSD01

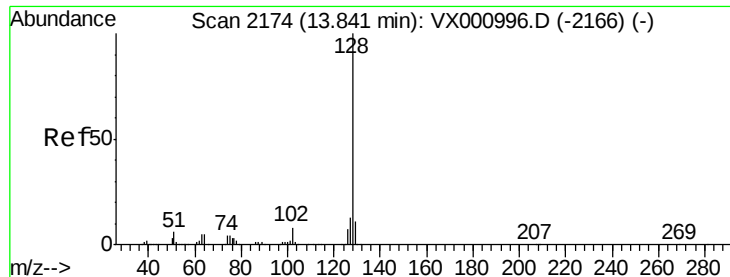
Tgt Ion:180 Resp: 93177
 Ion Ratio Lower Upper
 180 100
 182 95.0 48.0 144.0
 145 27.6 13.9 41.7



#94
 Hexachlorobutadiene
 Concen: 18.75 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001072.D
 Acq: 23 Apr 2018 21:00

Tgt Ion:225 Resp: 44147
 Ion Ratio Lower Upper
 225 100
 223 60.7 31.5 94.5
 227 62.7 32.6 97.8

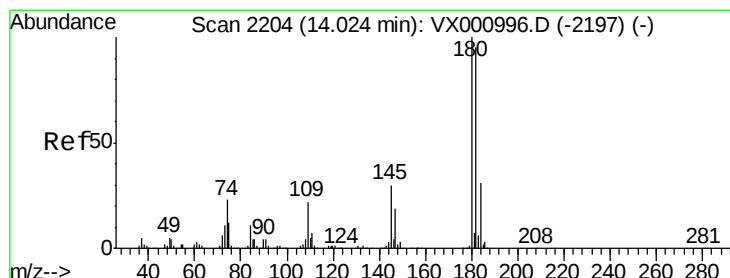
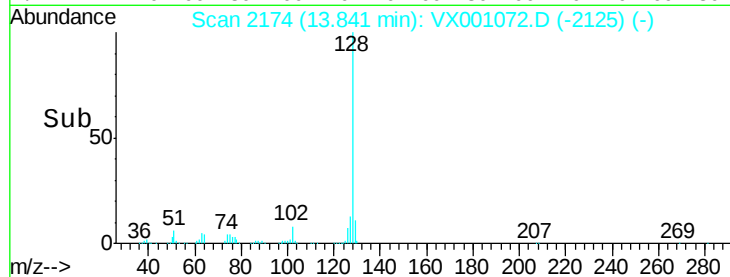
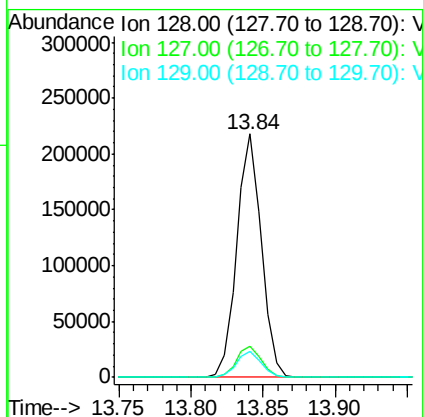
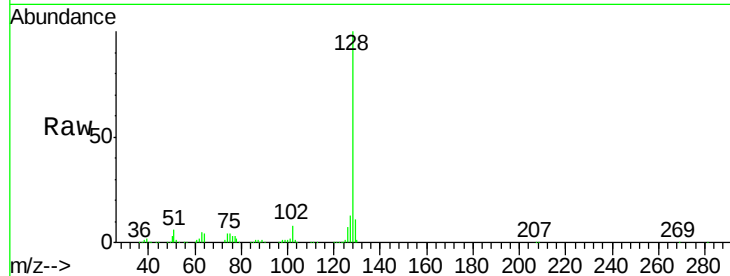




#95
Naphthalene
Concen: 20.22 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001072.D
Acq: 23 Apr 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBSD01

Tgt Ion:128 Resp: 258720
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.69 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001072.D
Acq: 23 Apr 2018 21:00

Tgt Ion:180 Resp: 94082
Ion Ratio Lower Upper
180 100
182 95.9 47.9 143.7
145 29.5 14.5 43.6

