

Data File : VX001733.D

Acq On : 15 May 2018 02:16

Operator : JC/MD

Sample : J2856-05MSD

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-03MSD

Quant Time: May 15 05:44:15 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M

Quant Title : SW846 8260

QLast Update : Tue May 15 01:36:22 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	302310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	409681	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	360711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	242598	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	207551	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
35) Dibromofluoromethane	5.51	113	178591	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
50) Toluene-d8	8.72	98	662768	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
62) 4-Bromofluorobenzene	11.14	95	226744	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	148663	49.00	ug/l	99
3) Chloromethane	1.32	50	164533	50.21	ug/l	99
4) Vinyl Chloride	1.40	62	183602	51.82	ug/l	100
5) Bromomethane	1.64	94	79402	53.47	ug/l	95
6) Chloroethane	1.72	64	119339	53.48	ug/l	99
7) Trichlorofluoromethane	1.93	101	258180	50.15	ug/l	99
8) Diethyl Ether	2.19	74	109430	51.64	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	145051	46.80	ug/l	99
10) Methyl Iodide	2.51	142	100713	35.32	ug/l	99
11) Tert butyl alcohol	3.08	59	184626	256.63	ug/l	99
12) 1,1-Dichloroethene	2.37	96	150218	50.27	ug/l	98
13) Acrolein	2.30	56	131613	257.95	ug/l	100
14) Allyl chloride	2.73	41	279677	50.64	ug/l	99
15) Acrylonitrile	3.15	53	465339	257.53	ug/l	100
16) Acetone	2.45	43	390438	245.32	ug/l	100
17) Carbon Disulfide	2.57	76	392398	50.34	ug/l	99
18) Methyl Acetate	2.78	43	231174	49.69	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	519540	51.59	ug/l	99
20) Methylene Chloride	2.86	84	171189	50.25	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	165687	50.34	ug/l	99
22) Diisopropyl ether	3.88	45	544264	51.37	ug/l	99
23) Vinyl Acetate	3.83	43	1748551	229.06	ug/l	100
24) 1,1-Dichloroethane	3.70	63	293049	50.43	ug/l	99
25) 2-Butanone	4.71	43	634567	260.43	ug/l	97
26) 2,2-Dichloropropane	4.59	77	190058	40.63	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	192098	51.29	ug/l	97
28) Bromochloromethane	5.03	49	143779	55.70	ug/l	99
29) Tetrahydrofuran	5.17	42	415201	261.41	ug/l	100
30) Chloroform	5.22	83	314650	51.55	ug/l	99
31) Cyclohexane	5.58	56	257979	50.65	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	276392	52.40	ug/l	100
36) 1,1-Dichloropropene	5.81	75	229033	48.56	ug/l	100
37) Ethyl Acetate	4.87	43	233023	47.41	ug/l	99
38) Carbon Tetrachloride	5.79	117	245506	49.69	ug/l	98

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MW-03MSD

Quant Time: May 15 05:44:15 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M

Quant Title : SW846 8260

QLast Update : Tue May 15 01:36:22 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	261625	47.48	ug/l	98
40) Benzene	6.15	78	702767	50.58	ug/l	100
41) Methacrylonitrile	5.07	41	142904	50.28	ug/l	99
42) 1,2-Dichloroethane	6.20	62	248902	49.53	ug/l	100
43) Isopropyl Acetate	6.48	43	380341	49.44	ug/l	100
44) Trichloroethene	7.22	130	210438	48.79	ug/l	100
45) 1,2-Dichloropropane	7.52	63	173372	50.85	ug/l	100
46) Dibromomethane	7.67	93	120153	50.19	ug/l	98
47) Bromodichloromethane	7.90	83	234225	52.72	ug/l	98
48) Methyl methacrylate	7.79	41	212970	52.60	ug/l	99
49) 1,4-Dioxane	7.76	88	84592	1085.08	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1291854	265.00	ug/l	100
52) Toluene	8.79	92	463701	51.93	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	268098	51.29	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	244919	53.15	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	172747	50.61	ug/l	99
56) Ethyl methacrylate	9.19	69	252513	52.17	ug/l	99
57) 1,3-Dichloropropane	9.38	76	283024	49.53	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	579	0.23	ug/l #	43
59) 2-Hexanone	9.51	43	905489	259.48	ug/l	100
60) Dibromochloromethane	9.59	129	187248	53.58	ug/l	100
61) 1,2-Dibromoethane	9.68	107	181870	50.90	ug/l	99
64) Tetrachloroethene	9.34	164	216707	46.15	ug/l	97
65) Chlorobenzene	10.14	112	486730	49.06	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	179364	51.18	ug/l	99
67) Ethyl Benzene	10.26	91	798513	50.36	ug/l	100
68) m/p-Xylenes	10.37	106	639848	102.27	ug/l	100
69) o-Xylene	10.71	106	310115	51.76	ug/l	99
70) Styrene	10.72	104	519739	52.60	ug/l	100
71) Bromoform	10.87	173	153675	47.29	ug/l	100
73) Isopropylbenzene	11.02	105	815330	51.03	ug/l	100
74) N-amyl acetate	6.48	43	380341	49.66	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	242724	50.65	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	283308	61.41	ug/l	89
77) Bromobenzene	11.26	156	239598	51.04	ug/l	99
78) n-propylbenzene	11.37	91	914618	50.81	ug/l	100
79) 2-Chlorotoluene	11.43	91	541658	50.32	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	679225	51.82	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	64949	42.49	ug/l	98
82) 4-Chlorotoluene	11.52	91	636305	50.18	ug/l	100
83) tert-Butylbenzene	11.77	119	690771	52.96	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	704359	51.89	ug/l	100
85) sec-Butylbenzene	11.95	105	820356	50.95	ug/l	100
86) p-Isopropyltoluene	12.07	119	753314	50.56	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	430062	49.54	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	435697	48.53	ug/l	99
89) n-Butylbenzene	12.40	91	630476	48.93	ug/l	99
90) Hexachloroethane	12.60	117	122028	52.74	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	430129	49.72	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54319	53.10	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051518\
Quantitation Report (Not Reviewed)

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MW-03MSD

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Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	340805	49.43	ug/l	99
94) Hexachlorobutadiene	13.79	225	167771	45.32	ug/l	99
95) Naphthalene	13.84	128	955894	53.33	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	345672	49.78	ug/l	100

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

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ALS Vial : 30 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

MW-03MSD

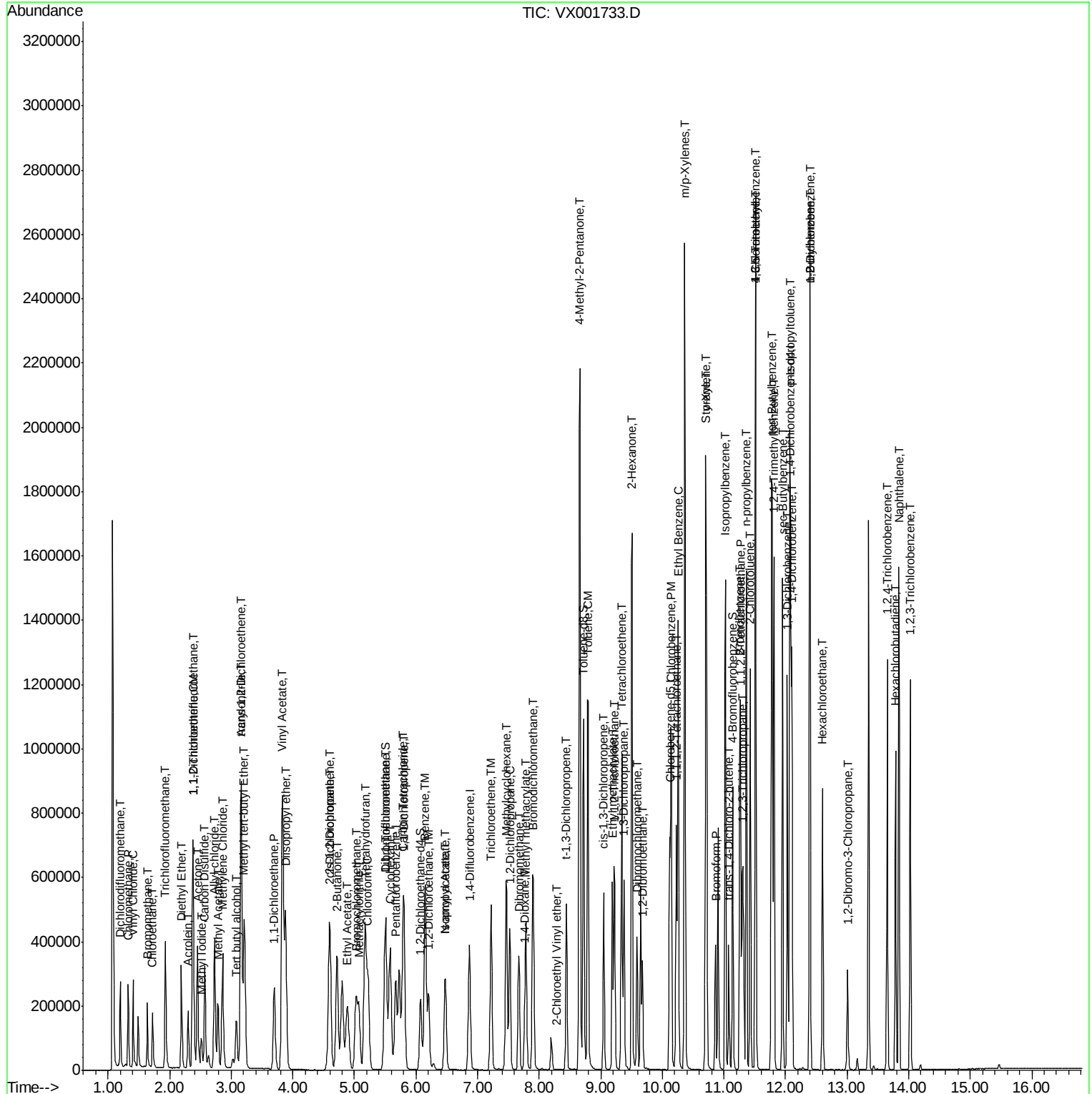
Quant Time: May 15 05:44:15 2018

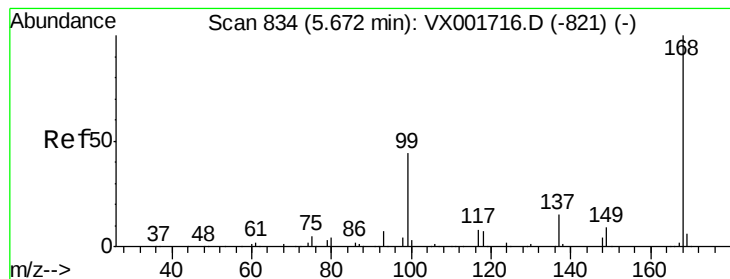
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M

Quant Title : SW846 8260

QLast Update : Tue May 15 01:36:22 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

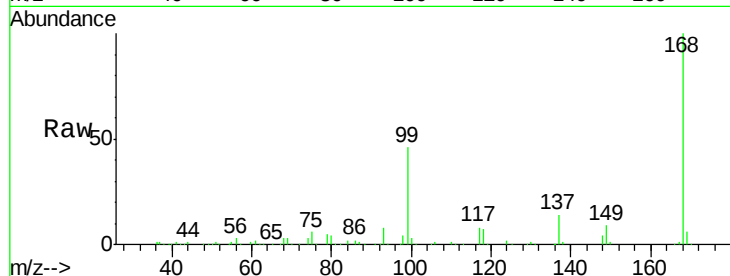
MW-03MSD

Tgt Ion:168 Resp: 302310

Ion Ratio Lower Upper

168 100

99 46.0 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

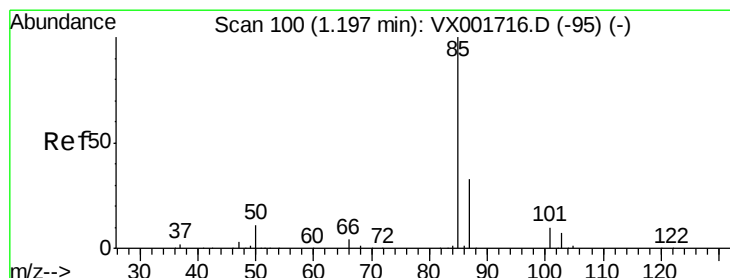
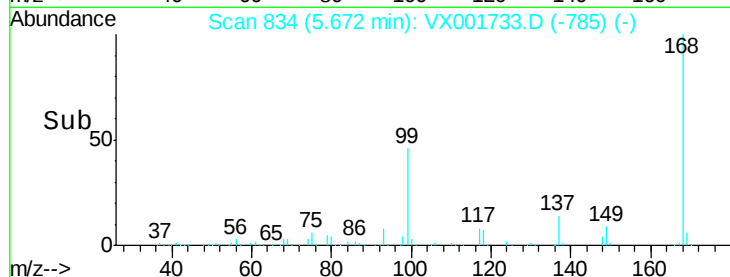
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.00 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001733.D

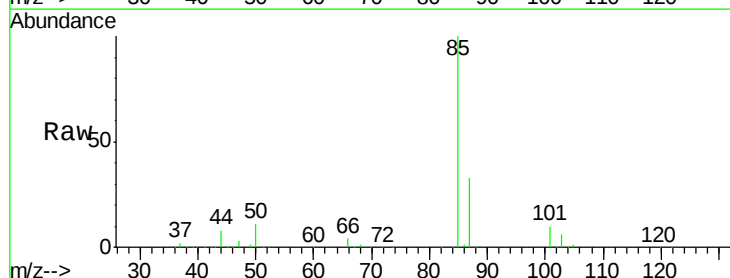
Acq: 15 May 2018 02:16

Tgt Ion: 85 Resp: 148663

Ion Ratio Lower Upper

85 100

87 33.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

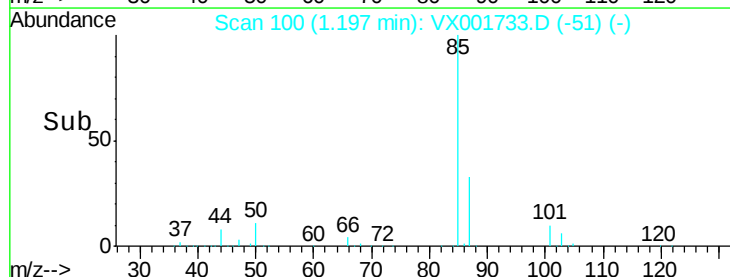
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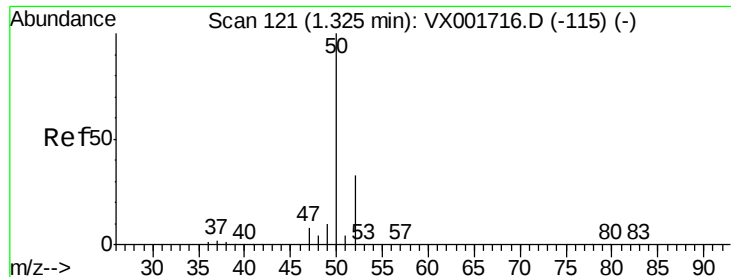
100000

50000

0

Time-->





#3

Chloromethane

Concen: 50.21 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

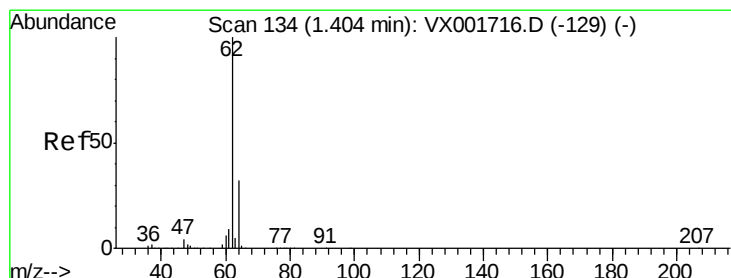
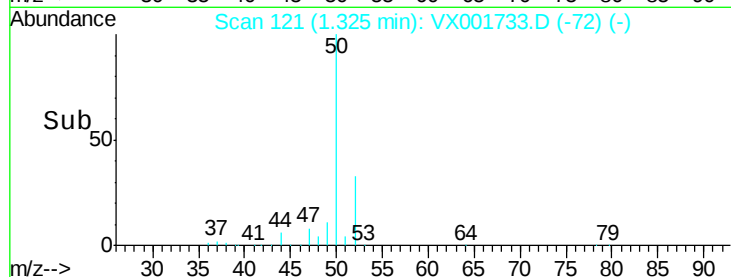
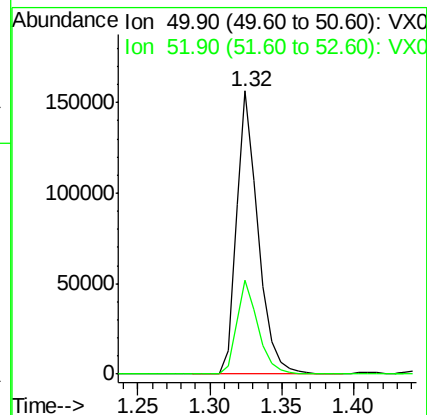
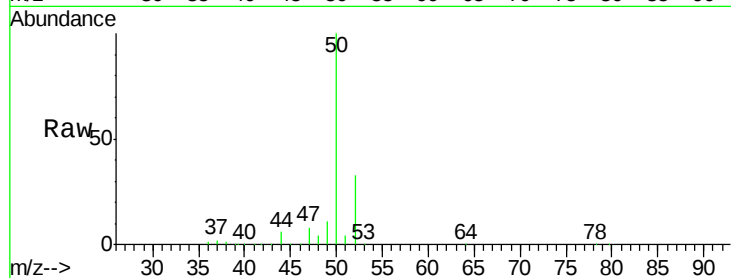
MW-03MSD

Tgt Ion: 50 Resp: 164533

Ion Ratio Lower Upper

50 100

52 33.4 26.3 39.5



#4

Vinyl Chloride

Concen: 51.82 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001733.D

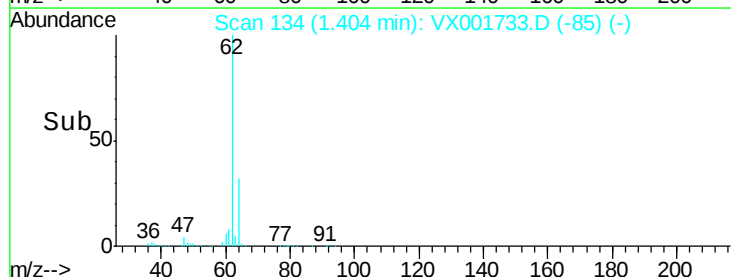
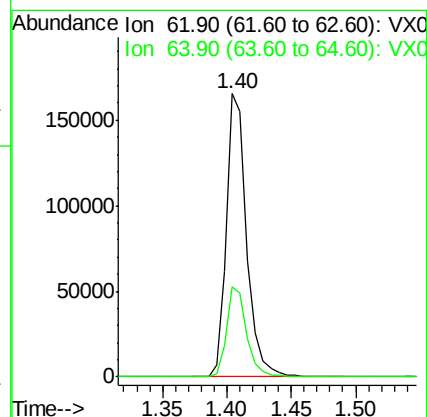
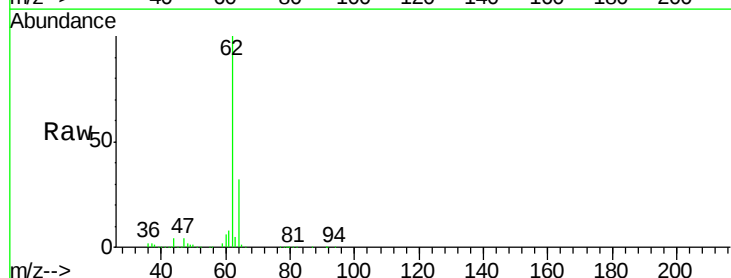
Acq: 15 May 2018 02:16

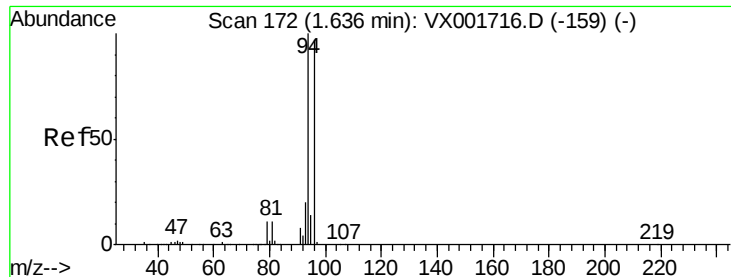
Tgt Ion: 62 Resp: 183602

Ion Ratio Lower Upper

62 100

64 31.8 25.6 38.4





#5

Bromomethane

Concen: 53.47 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

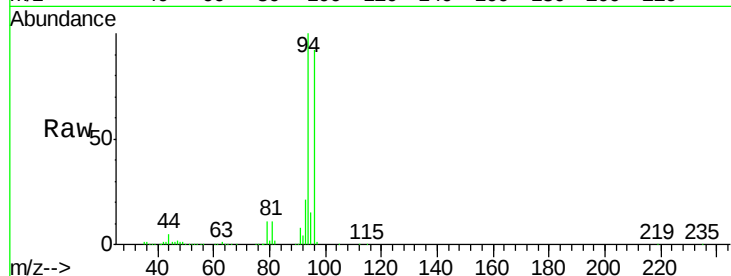
MW-03MSD

Tgt Ion: 94 Resp: 79402

Ion Ratio Lower Upper

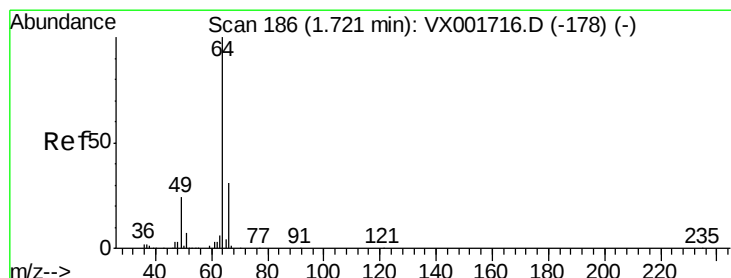
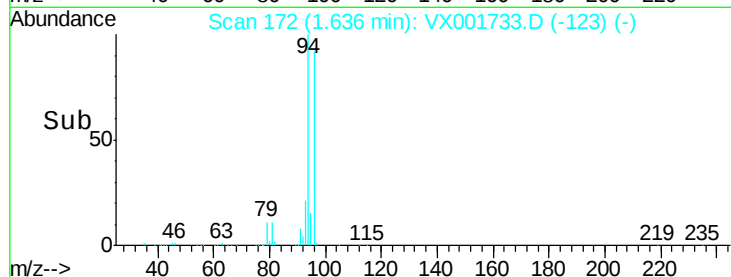
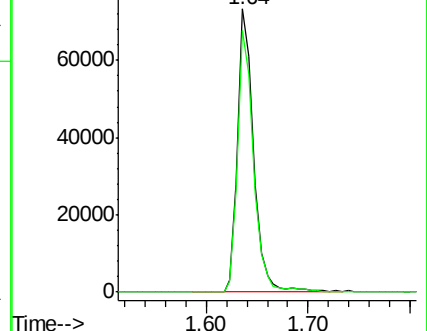
94 100

96 92.3 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.48 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001733.D

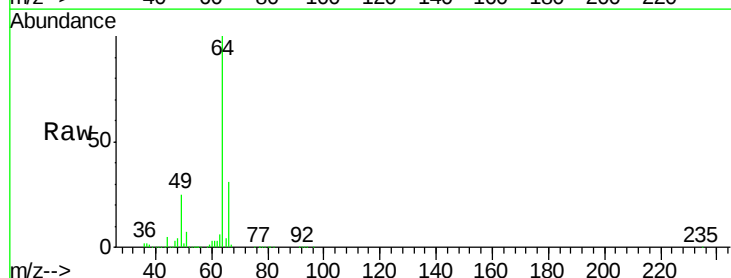
Acq: 15 May 2018 02:16

Tgt Ion: 64 Resp: 119339

Ion Ratio Lower Upper

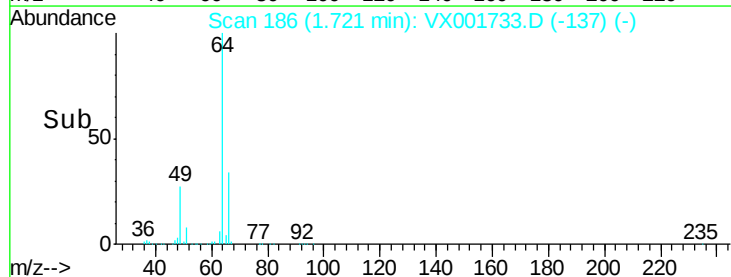
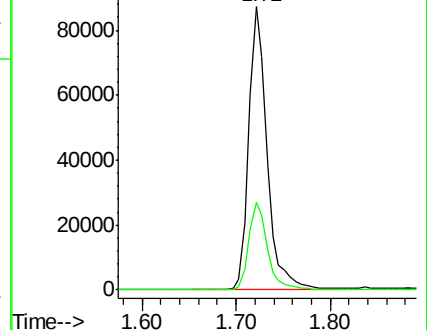
64 100

66 30.7 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



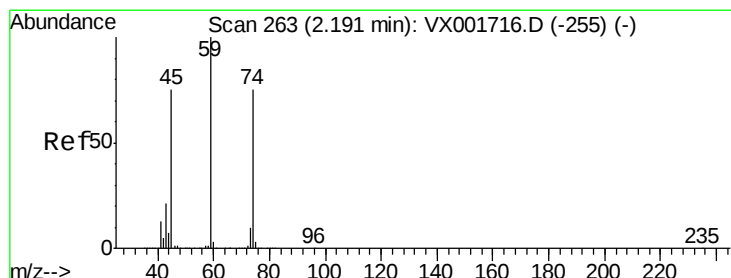
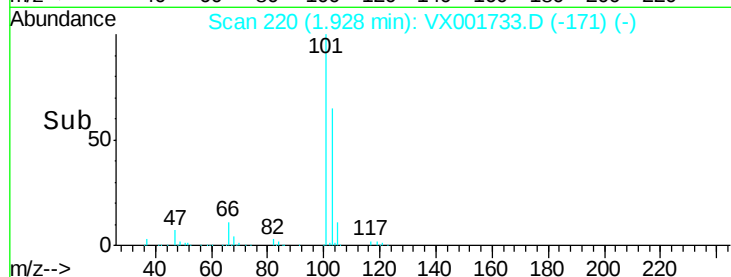
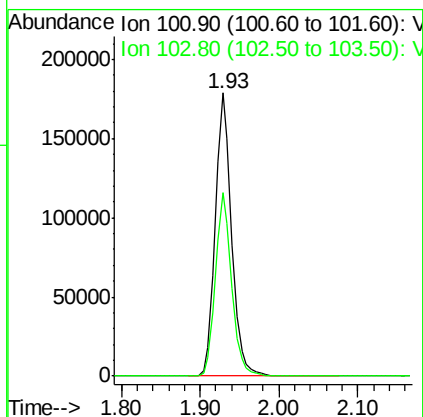
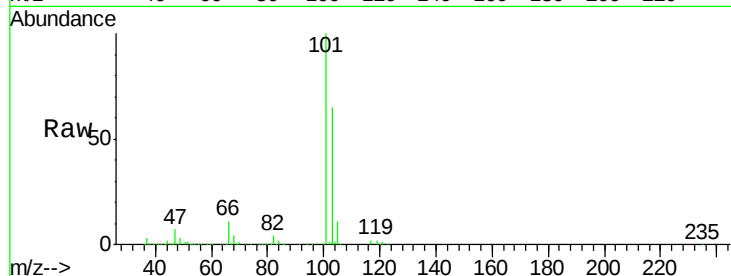


#7

Trichlorofluoromethane
 Concen: 50.15 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Instrument :
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 MW-03MSD

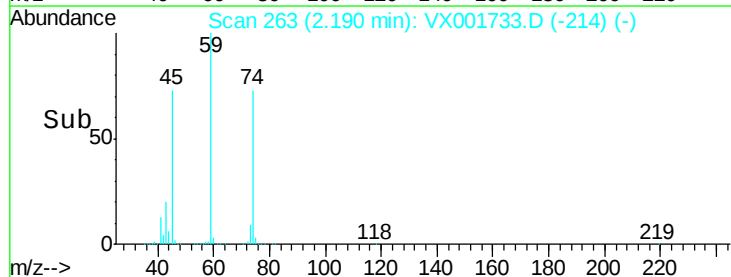
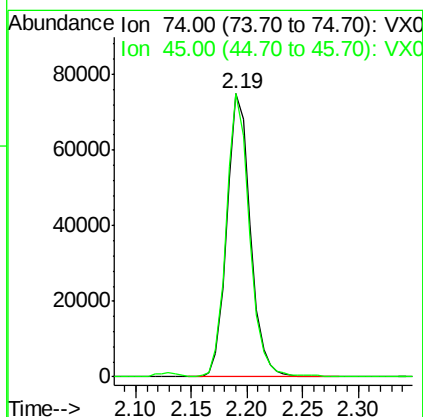
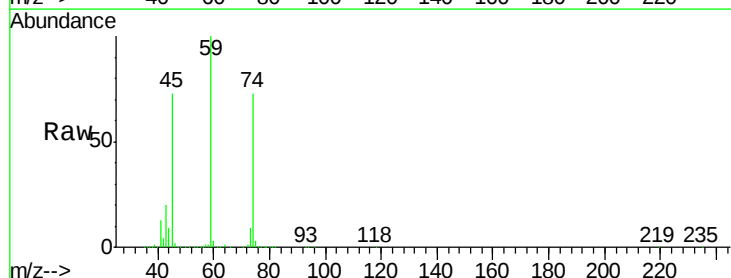
Tgt Ion: 101 Resp: 258180
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.6 78.8

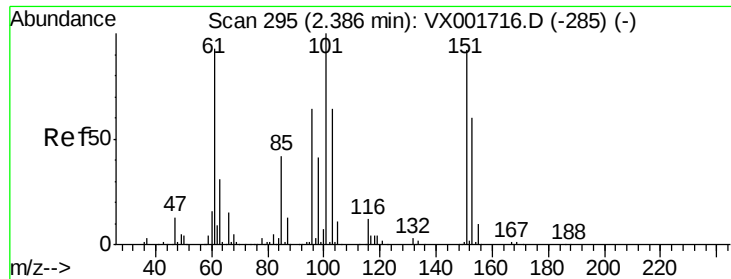


#8

Diethyl Ether
 Concen: 51.64 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Tgt Ion: 74 Resp: 109430
 Ion Ratio Lower Upper
 74 100
 45 97.6 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.80 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

MW-03MSD

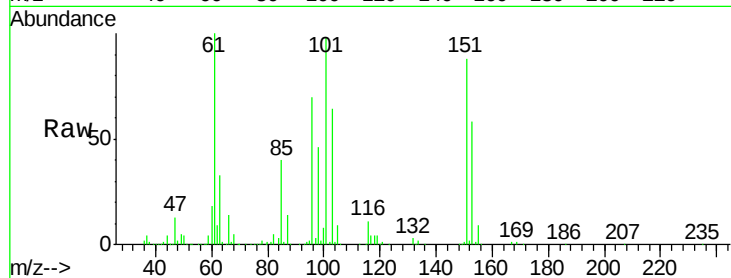
Tgt Ion:101 Resp: 145051

Ion Ratio Lower Upper

101 100

85 41.6 33.7 50.5

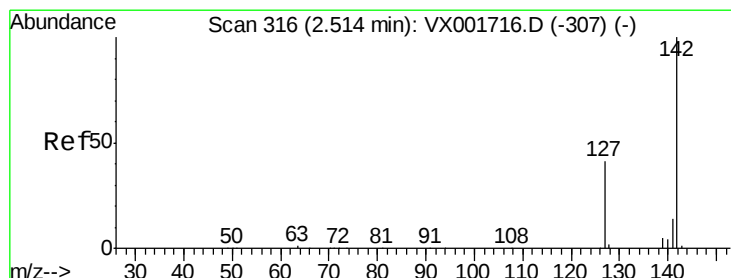
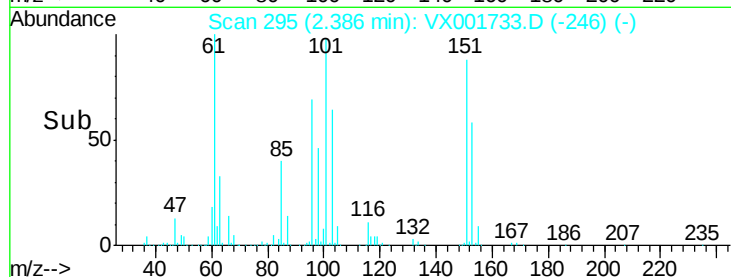
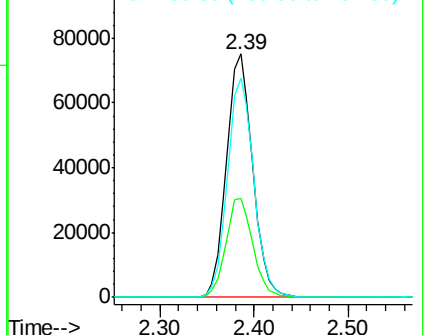
151 90.8 73.0 109.6



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: 35.32 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

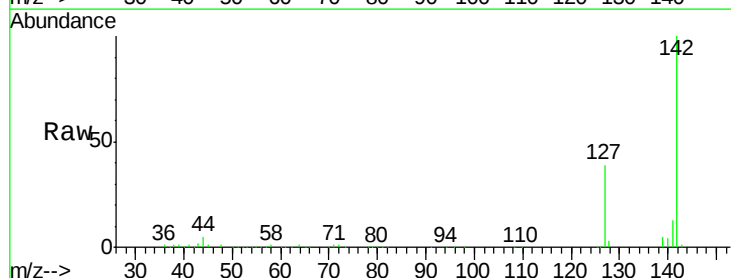
Tgt Ion:142 Resp: 100713

Ion Ratio Lower Upper

142 100

127 40.2 32.5 48.7

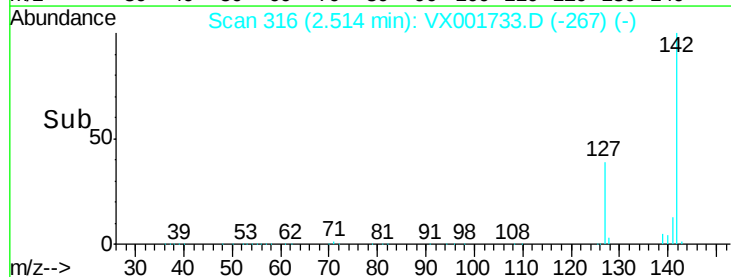
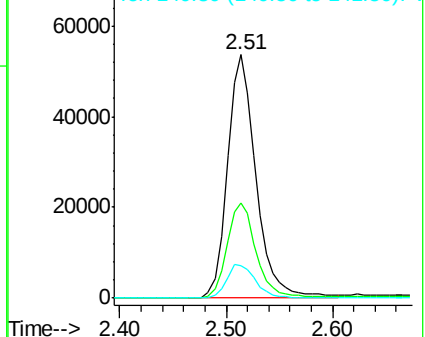
141 14.0 11.4 17.0

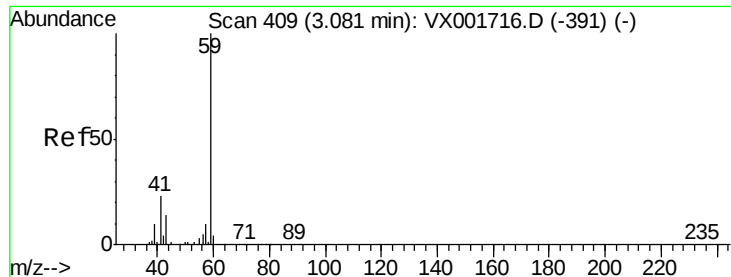


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 256.63 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

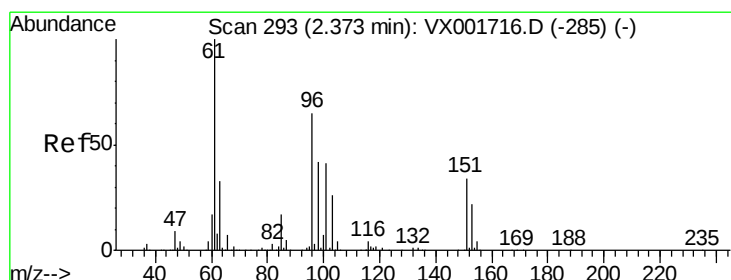
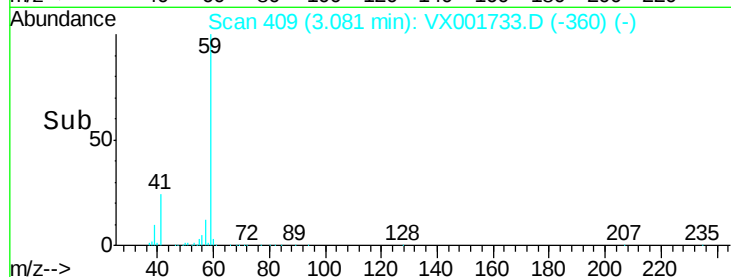
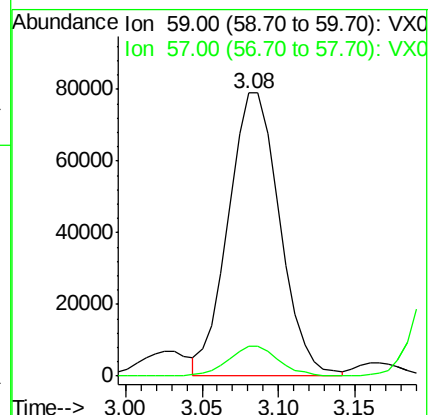
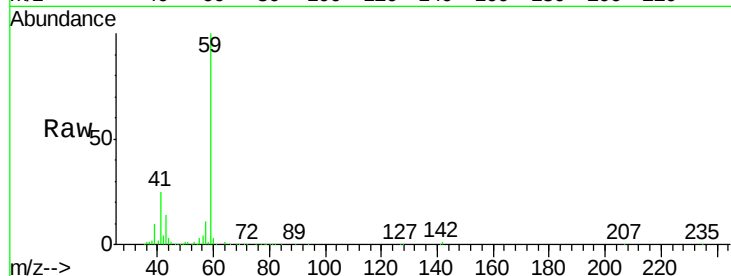
MW-03MSD

Tgt Ion: 59 Resp: 184626

Ion Ratio Lower Upper

59 100

57 10.2 8.5 12.7



#12

1,1-Dichloroethene

Concen: 50.27 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

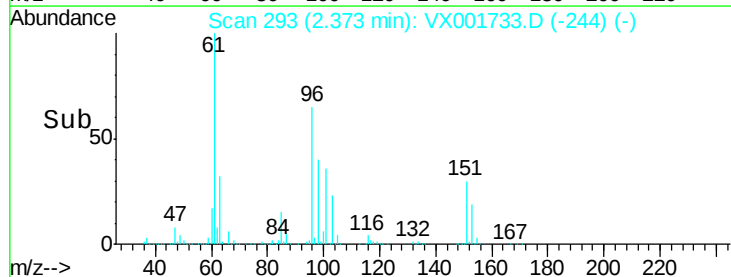
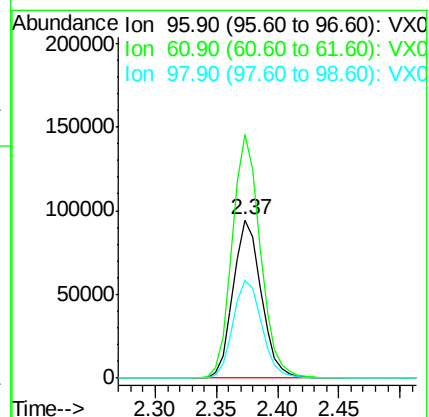
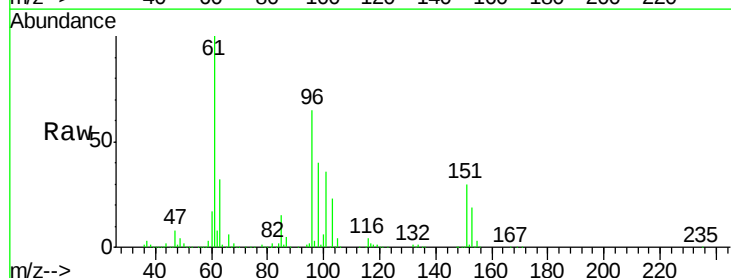
Tgt Ion: 96 Resp: 150218

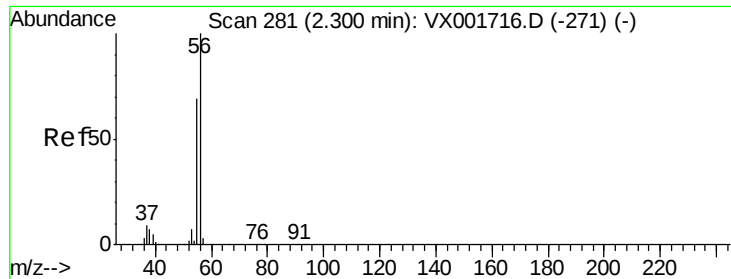
Ion Ratio Lower Upper

96 100

61 153.9 122.2 183.2

98 61.9 51.4 77.0





#13

Acrolein

Concen: 257.95 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

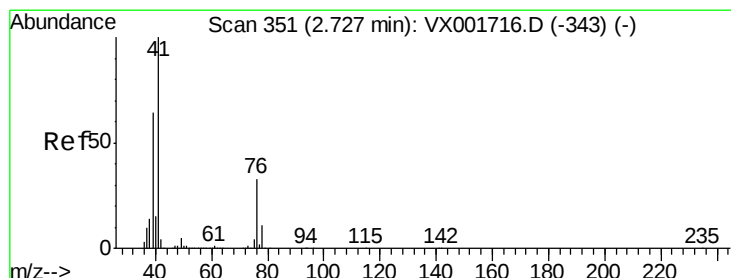
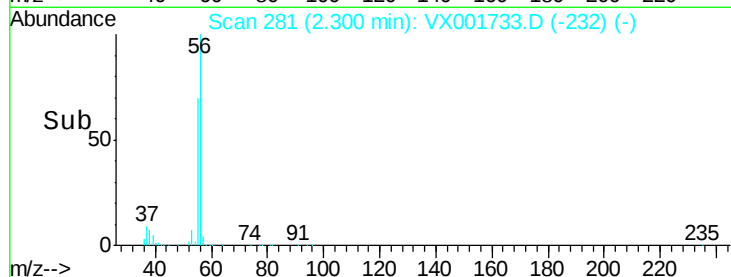
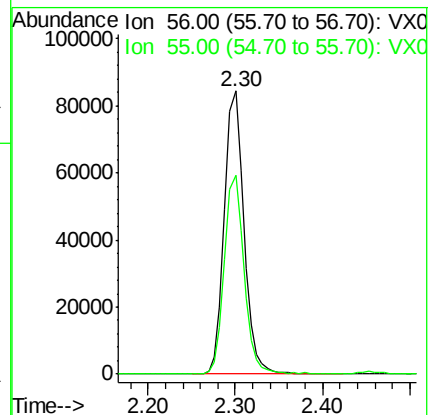
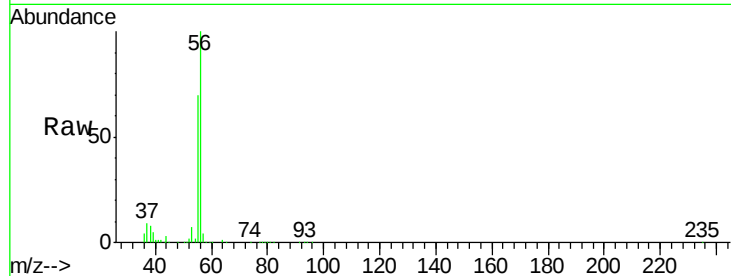
MW-03MSD

Tgt Ion: 56 Resp: 131613

Ion Ratio Lower Upper

56 100

55 70.6 56.2 84.2



#14

Allyl chloride

Concen: 50.64 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

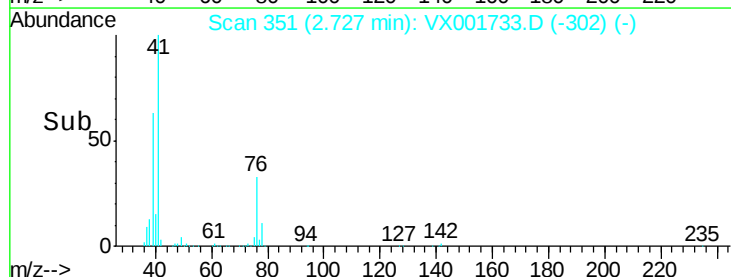
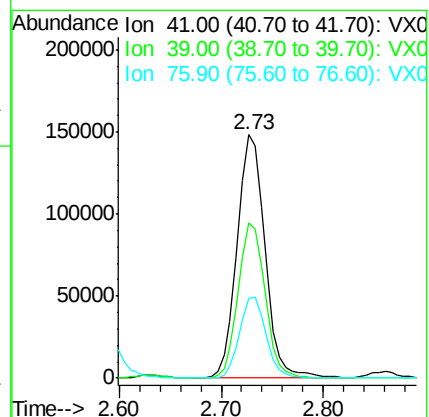
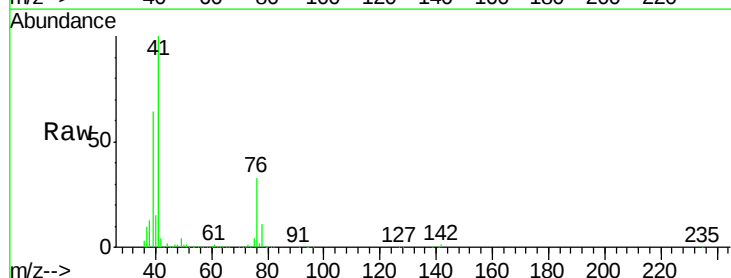
Tgt Ion: 41 Resp: 279677

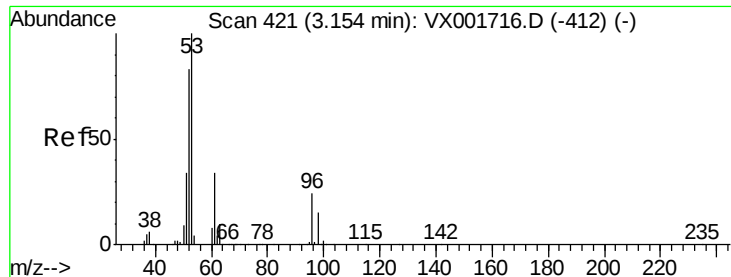
Ion Ratio Lower Upper

41 100

39 61.6 49.8 74.6

76 31.8 25.8 38.8





#15

Acrylonitrile

Concen: 257.53 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

MW-03MSD

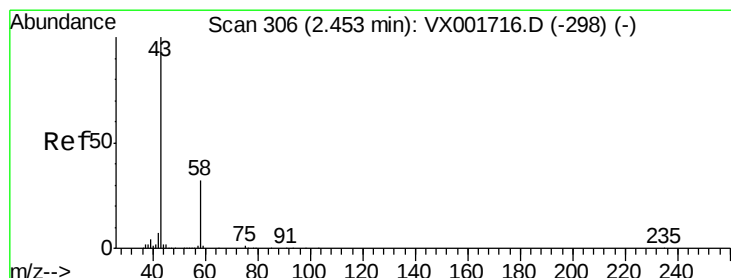
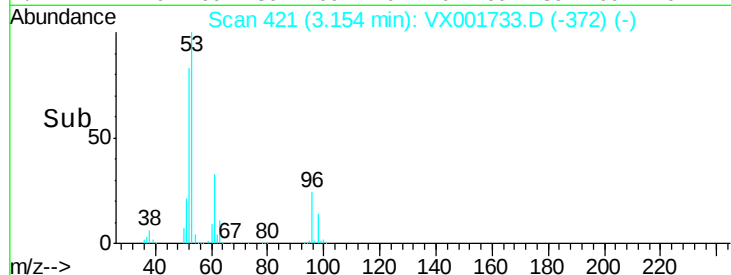
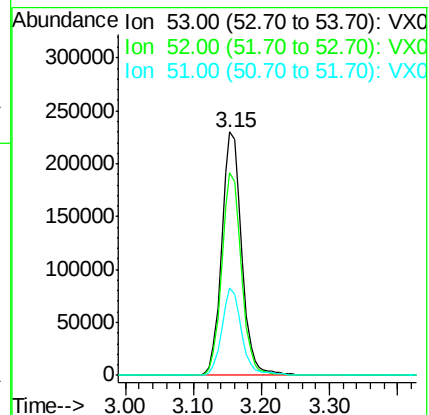
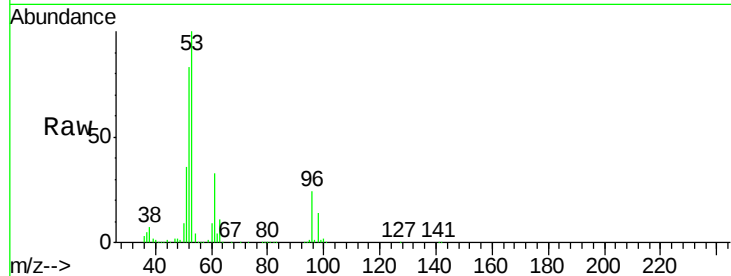
Tgt Ion: 53 Resp: 465339

Ion Ratio Lower Upper

53 100

52 81.9 65.6 98.4

51 35.5 28.1 42.1



#16

Acetone

Concen: 245.32 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001733.D

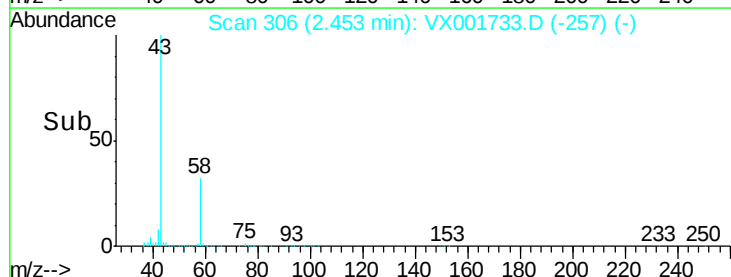
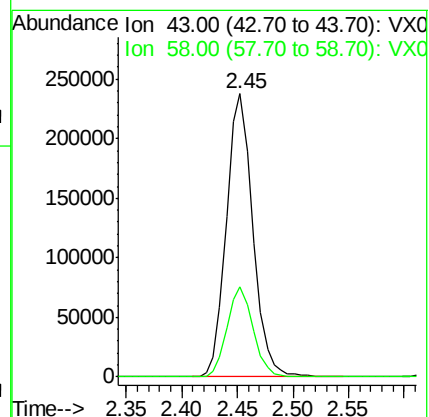
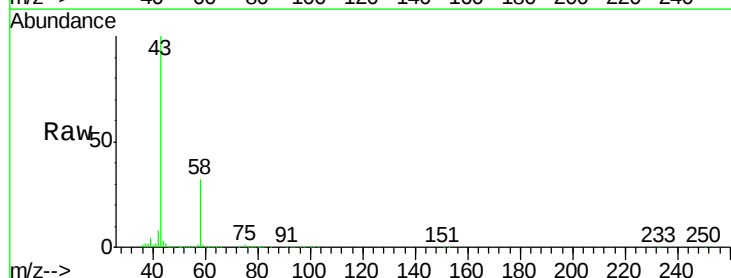
Acq: 15 May 2018 02:16

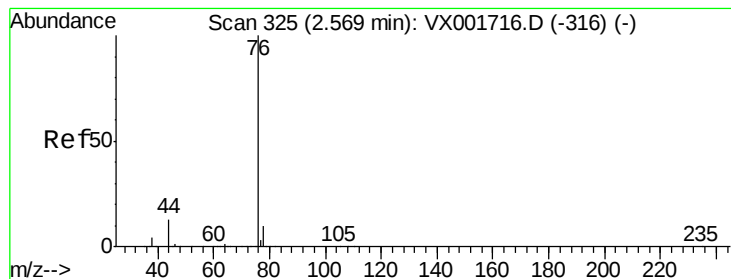
Tgt Ion: 43 Resp: 390438

Ion Ratio Lower Upper

43 100

58 31.8 25.3 37.9





#17

Carbon Disulfide

Concen: 50.34 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

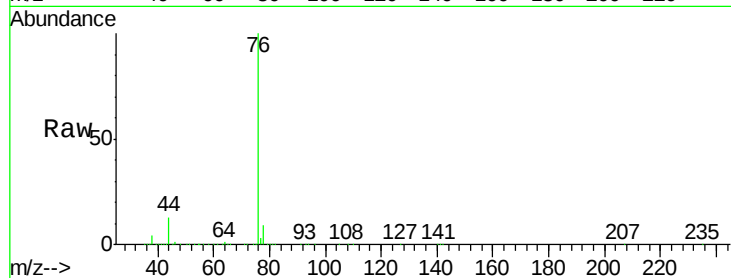
MW-03MSD

Tgt Ion: 76 Resp: 392398

Ion Ratio Lower Upper

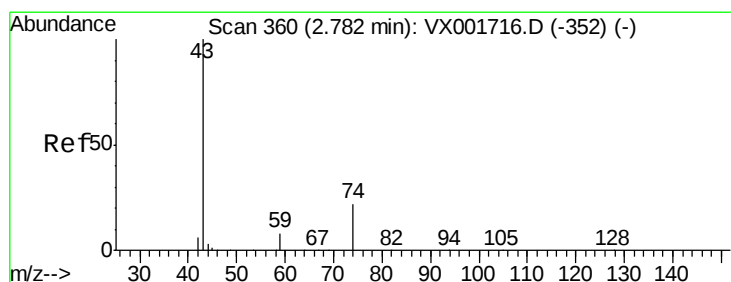
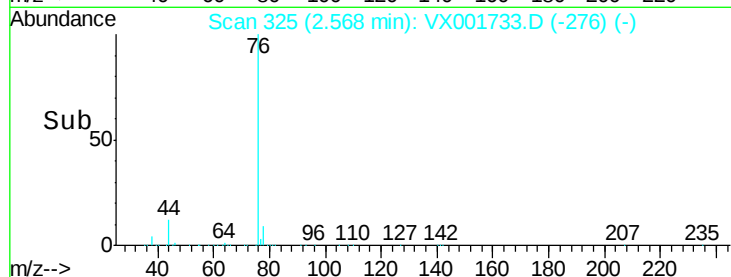
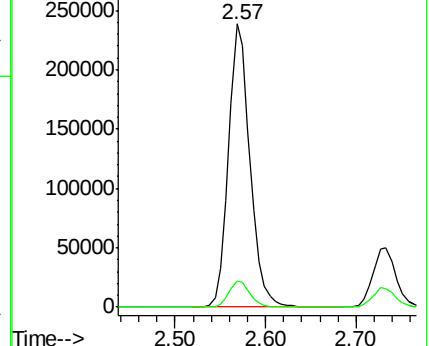
76 100

78 9.1 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 49.69 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX001733.D

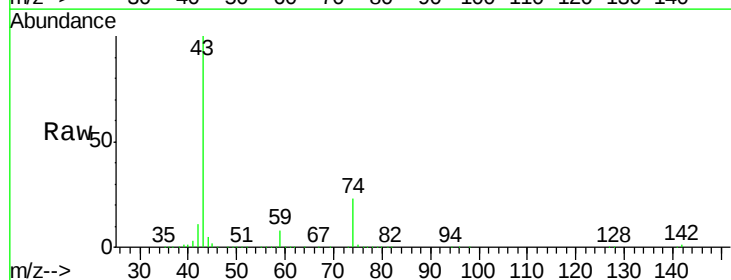
Acq: 15 May 2018 02:16

Tgt Ion: 43 Resp: 231174

Ion Ratio Lower Upper

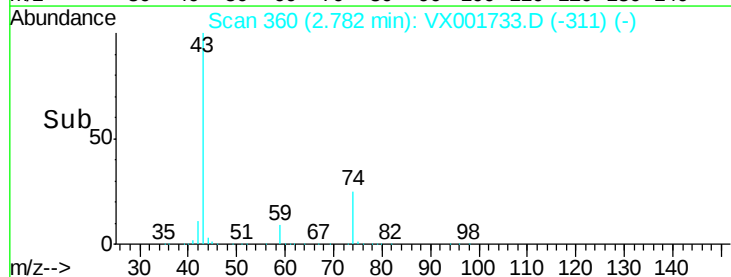
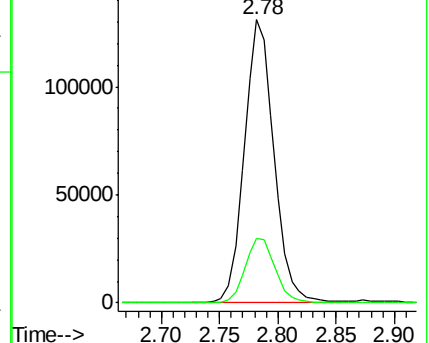
43 100

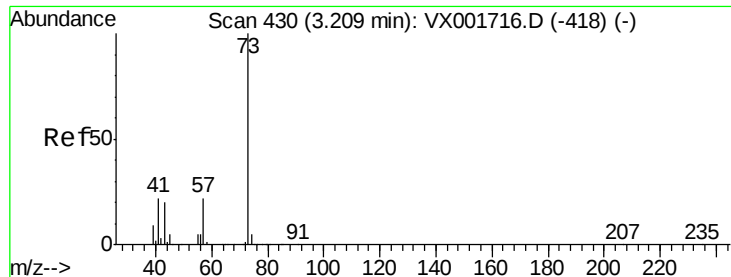
74 23.7 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

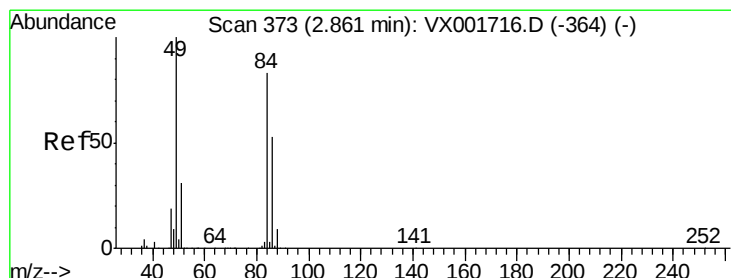
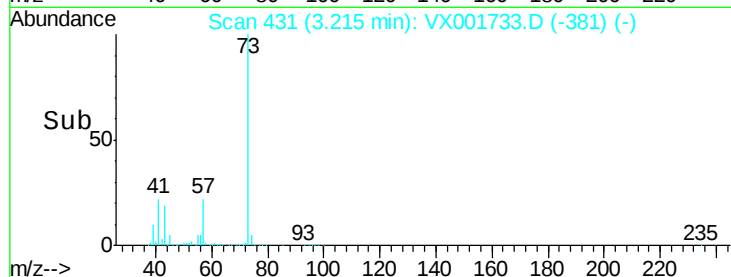
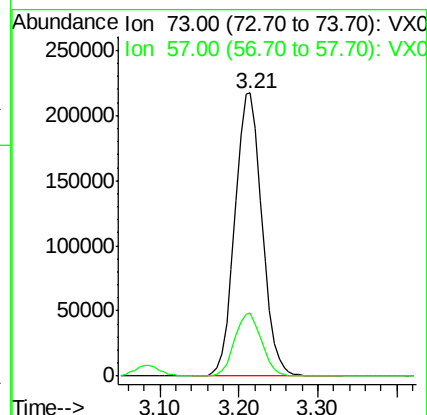
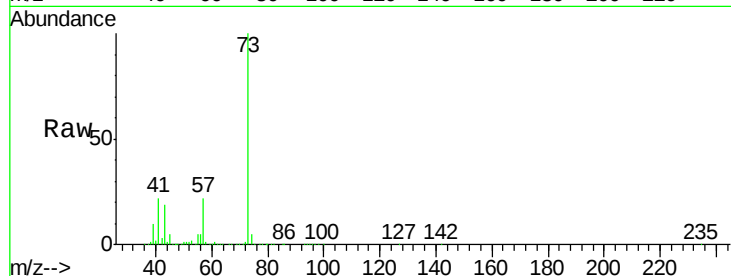




#19
Methyl tert-butyl Ether
Concen: 51.59 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

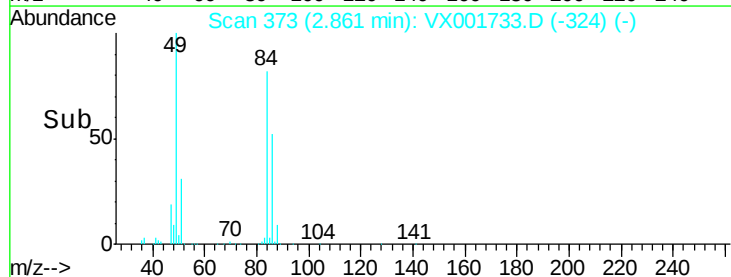
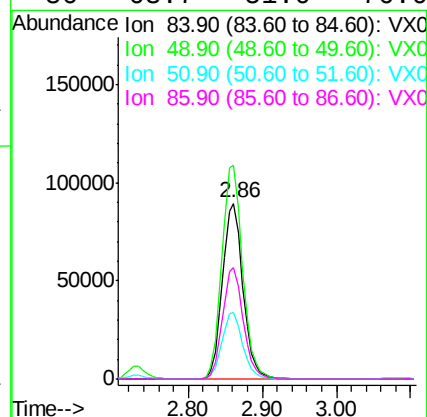
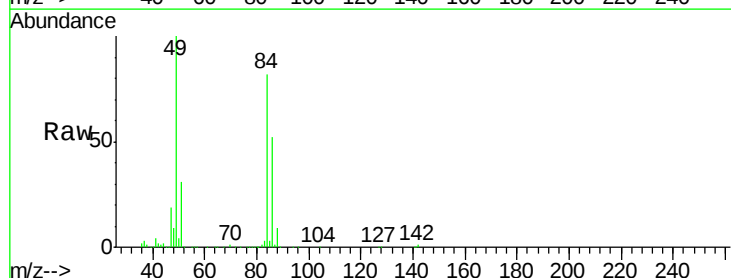
Instrument :
MSVOA_X
ClientSampleId :
MW-03MSD

Tgt Ion: 73 Resp: 519540
Ion Ratio Lower Upper
73 100
57 22.4 17.5 26.3



#20
Methylene Chloride
Concen: 50.25 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Tgt Ion: 84 Resp: 171189
Ion Ratio Lower Upper
84 100
49 121.5 96.3 144.5
51 37.7 29.8 44.6
86 63.7 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 50.34 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampled :

MW-03MSD

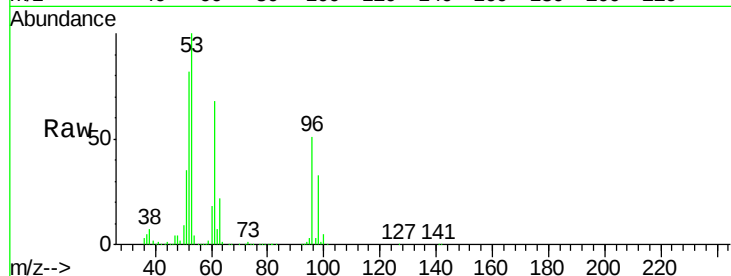
Tgt Ion: 96 Resp: 165687

Ion Ratio Lower Upper

96 100

61 132.6 105.8 158.8

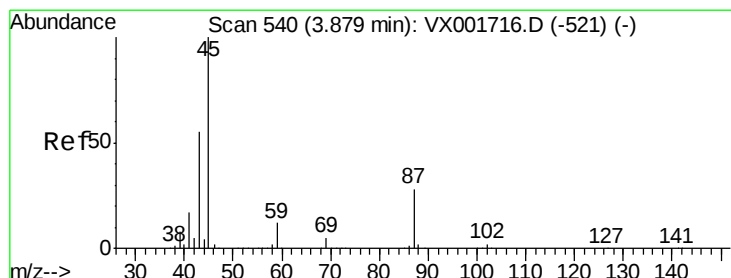
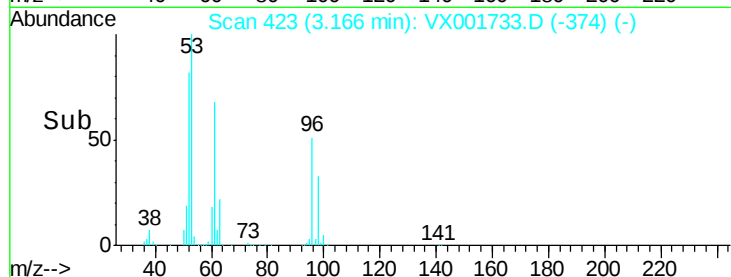
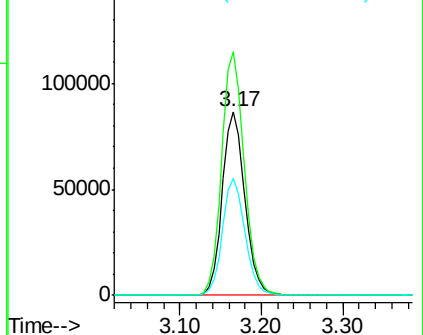
98 64.1 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VX001733.D (-374) (-)

Ion 60.90 (60.60 to 61.60): VX001733.D (-374) (-)

Ion 97.90 (97.60 to 98.60): VX001733.D (-374) (-)



#22

Diisopropyl ether

Concen: 51.37 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Tgt Ion: 45 Resp: 544264

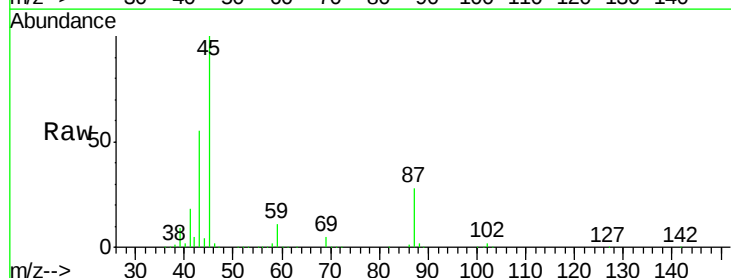
Ion Ratio Lower Upper

45 100

43 54.5 44.3 66.5

87 28.2 22.6 33.8

59 11.3 9.4 14.0

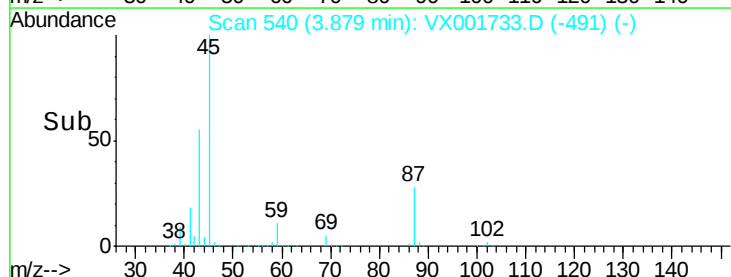
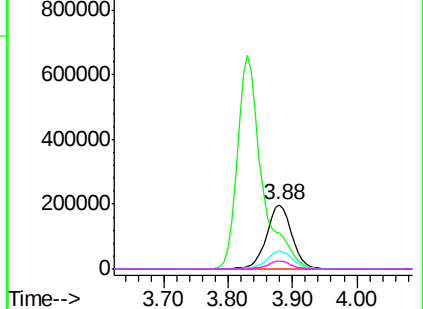


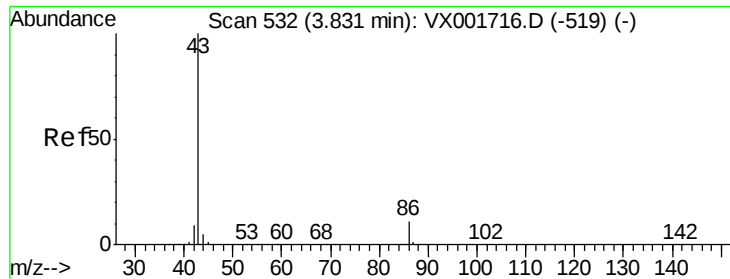
Abundance Ion 45.00 (44.70 to 45.70): VX001733.D (-491) (-)

Ion 43.00 (42.70 to 43.70): VX001733.D (-491) (-)

Ion 87.00 (86.70 to 87.70): VX001733.D (-491) (-)

Ion 59.00 (58.70 to 59.70): VX001733.D (-491) (-)





#23

Vinyl Acetate

Concen: 229.06 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

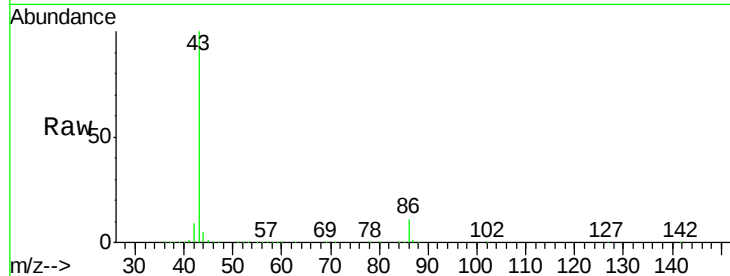
MW-03MSD

Tgt Ion: 43 Resp: 1748551

Ion Ratio Lower Upper

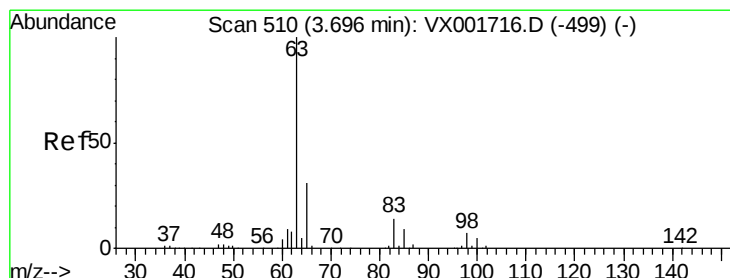
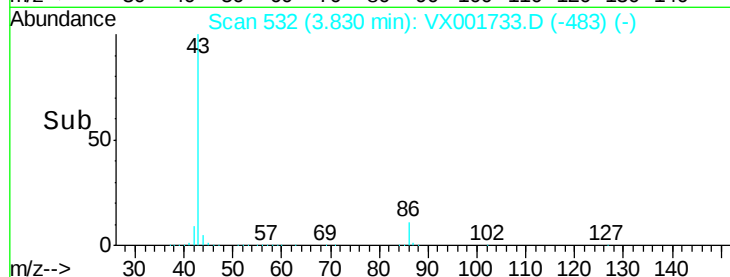
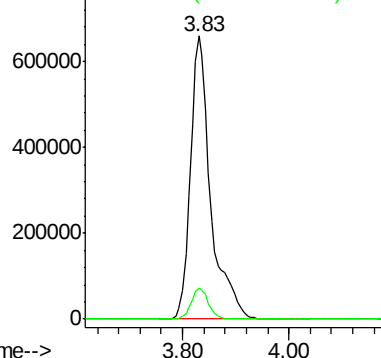
43 100

86 10.9 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.43 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

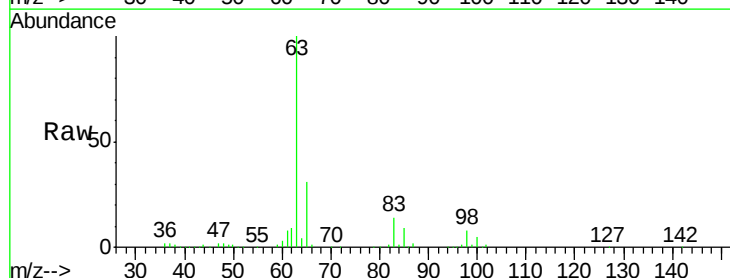
Tgt Ion: 63 Resp: 293049

Ion Ratio Lower Upper

63 100

98 7.7 3.7 11.1

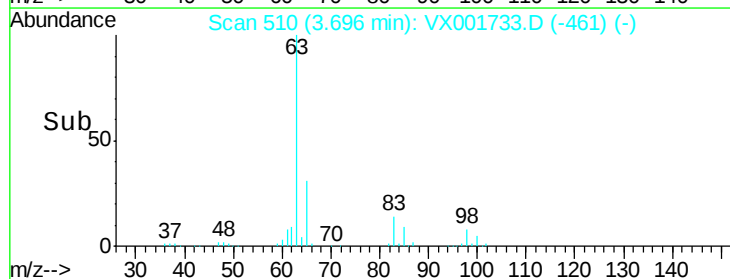
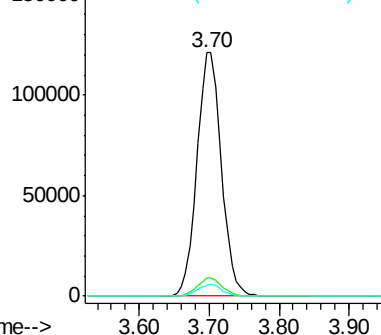
100 4.6 2.4 7.2

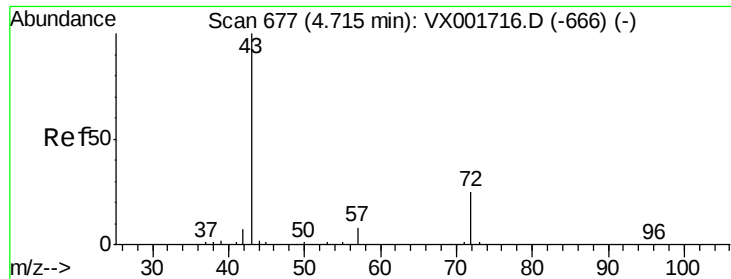


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 260.43 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampled :

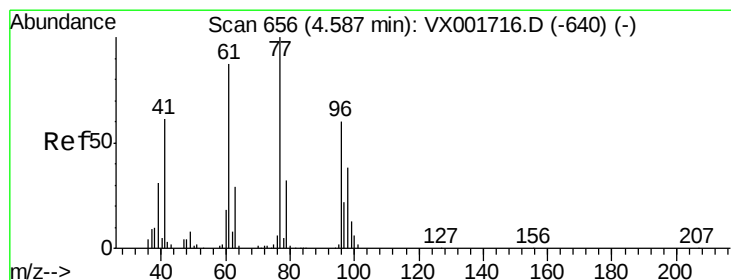
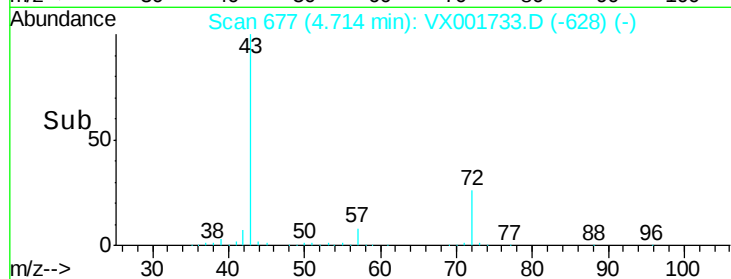
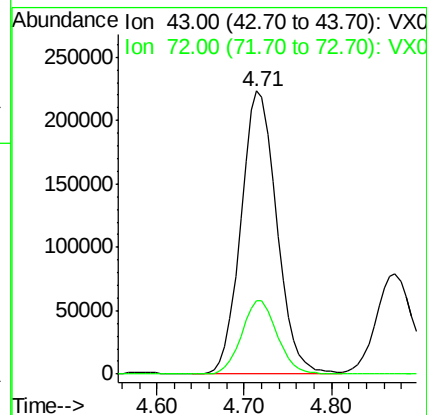
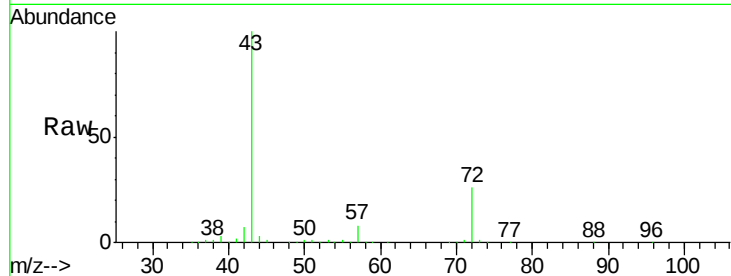
MW-03MSD

Tgt Ion: 43 Resp: 634567

Ion Ratio Lower Upper

43 100

72 26.0 19.8 29.6



#26

2,2-Dichloropropane

Concen: 40.63 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001733.D

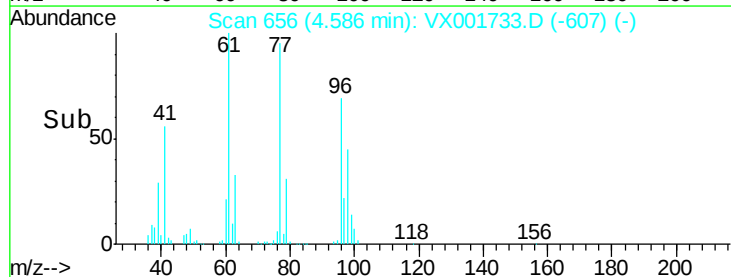
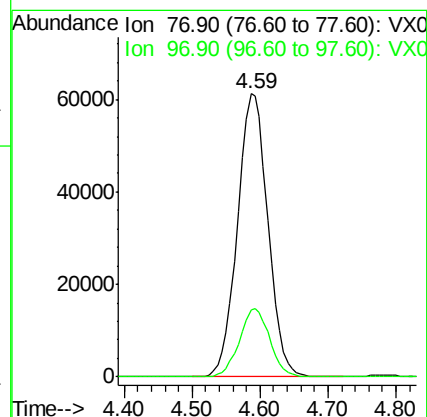
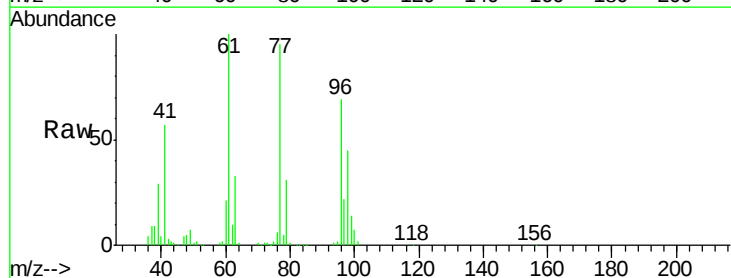
Acq: 15 May 2018 02:16

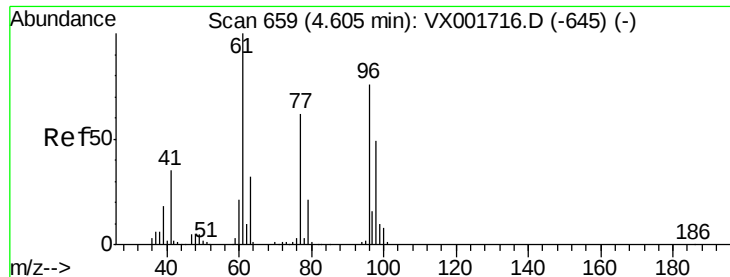
Tgt Ion: 77 Resp: 190058

Ion Ratio Lower Upper

77 100

97 24.0 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 51.29 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

MW-03MSD

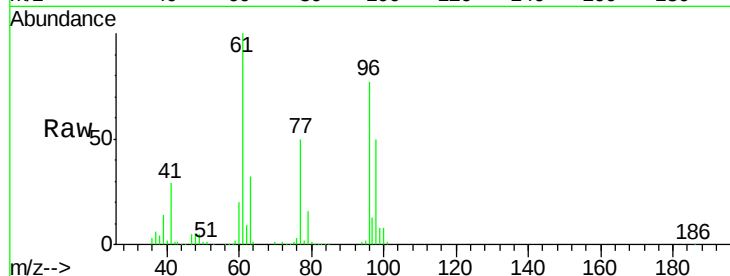
Tgt Ion: 96 Resp: 192098

Ion Ratio Lower Upper

96 100

61 135.5 0.0 280.4

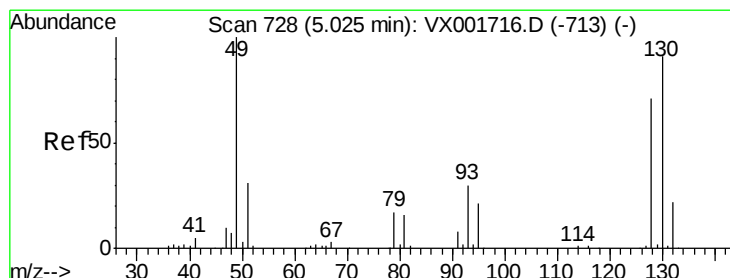
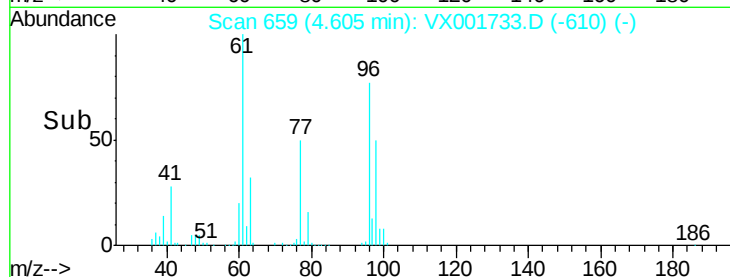
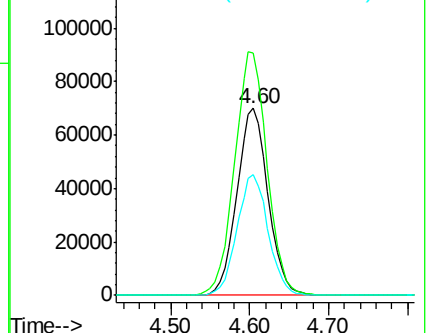
98 64.6 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 55.70 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

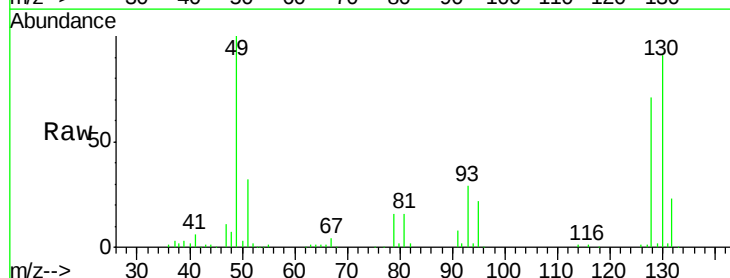
Tgt Ion: 49 Resp: 143779

Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.0

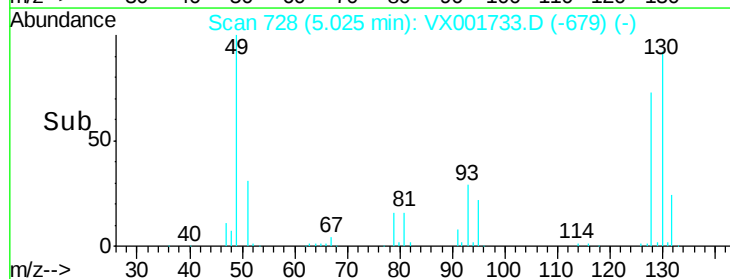
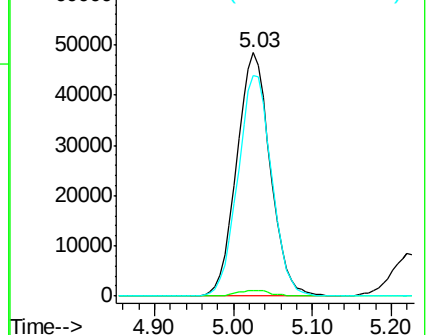
130 91.1 71.8 107.6

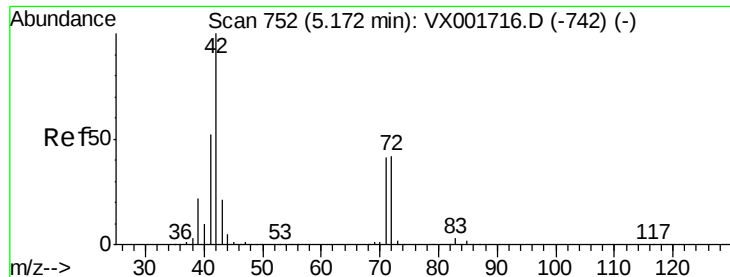


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

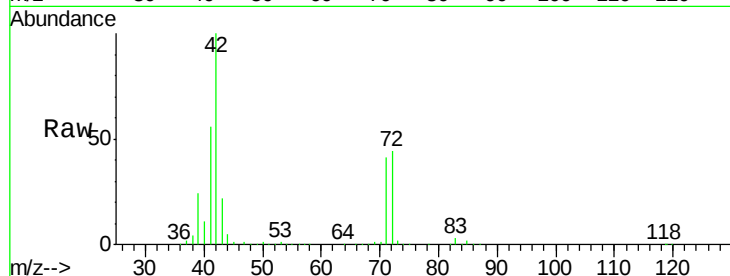




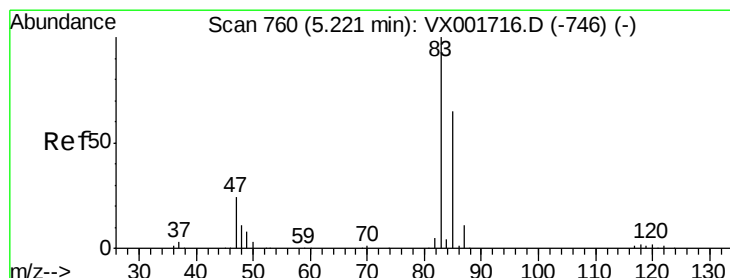
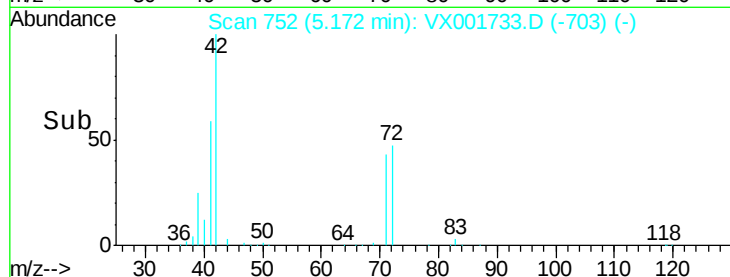
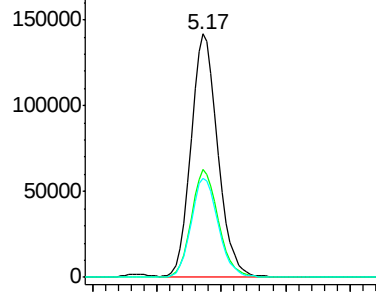
#29
Tetrahydrofuran
Concen: 261.41 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Instrument :
MSVOA_X
ClientSampleId :
MW-03MSD

Tgt Ion: 42 Resp: 415201
Ion Ratio Lower Upper
42 100
72 44.6 35.4 53.2
71 41.4 33.2 49.8

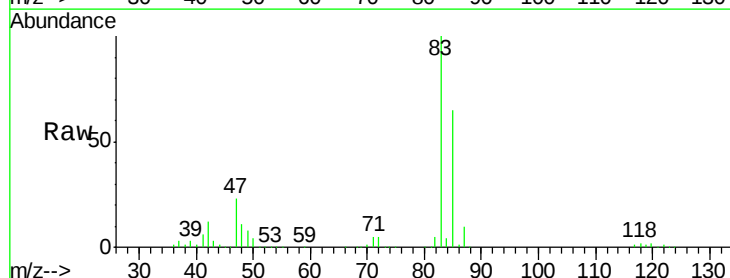


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

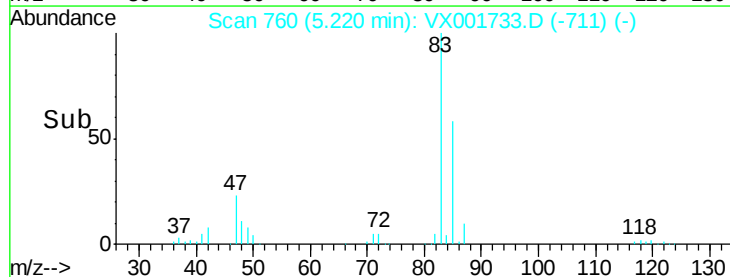
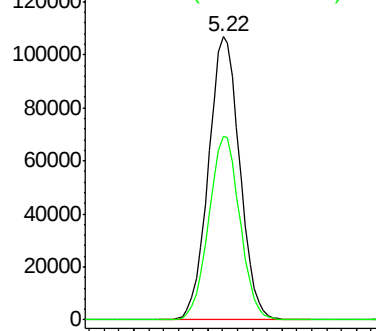


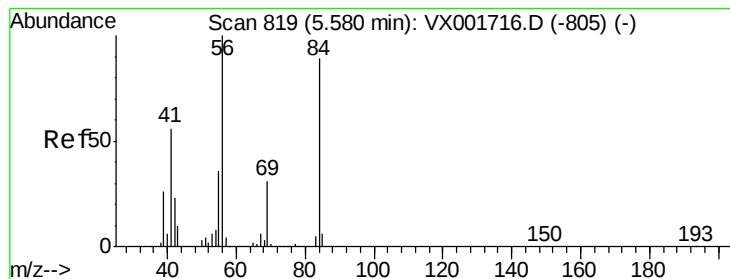
#30
Chloroform
Concen: 51.55 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Tgt Ion: 83 Resp: 314650
Ion Ratio Lower Upper
83 100
85 64.8 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 50.65 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

MW-03MSD

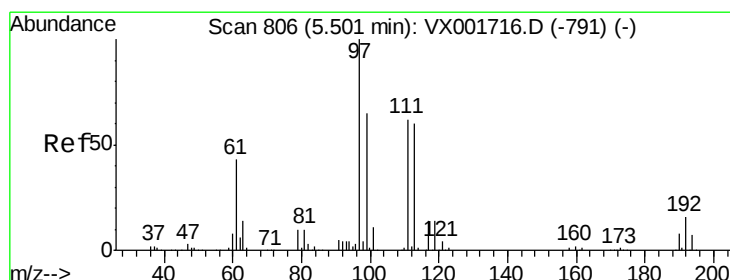
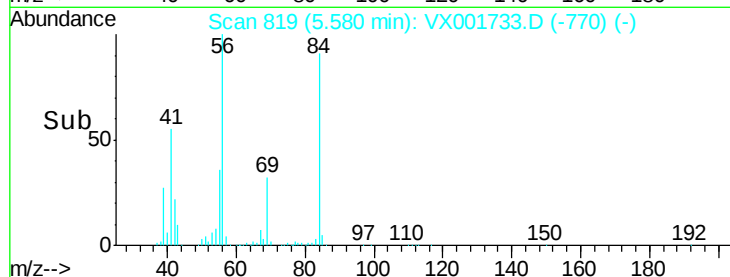
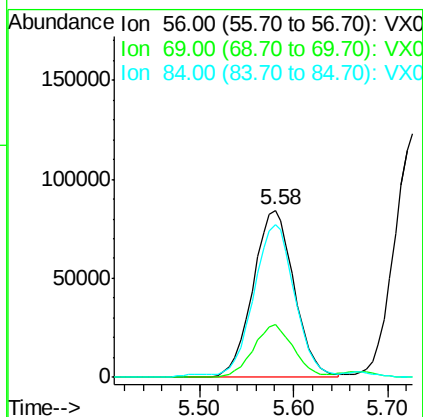
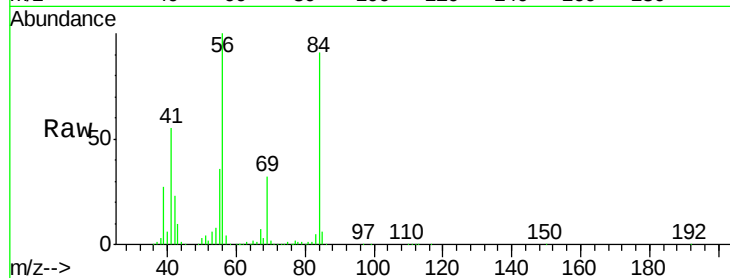
Tgt Ion: 56 Resp: 257979

Ion Ratio Lower Upper

56 100

69 31.6 25.0 37.6

84 89.7 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 52.40 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

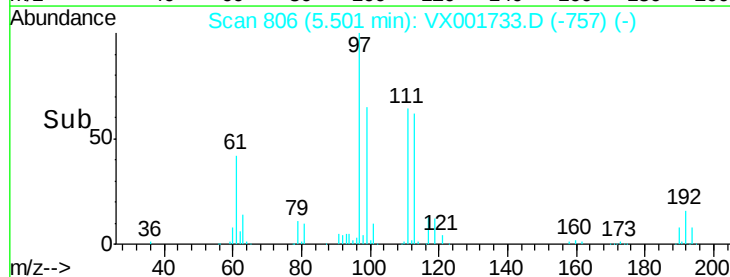
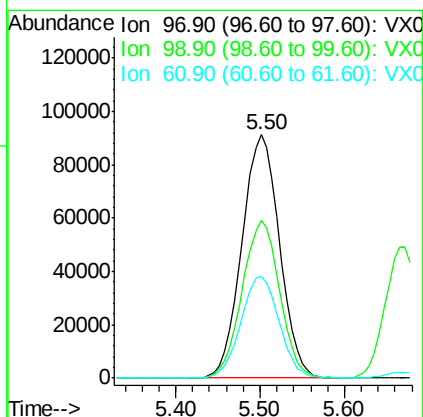
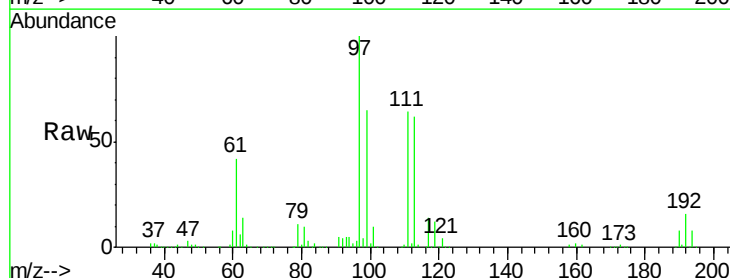
Tgt Ion: 97 Resp: 276392

Ion Ratio Lower Upper

97 100

99 64.5 51.3 76.9

61 42.4 34.0 51.0

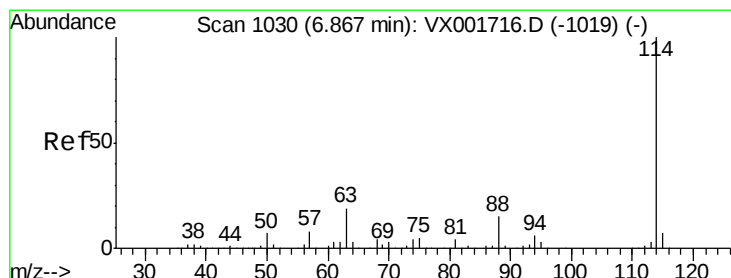
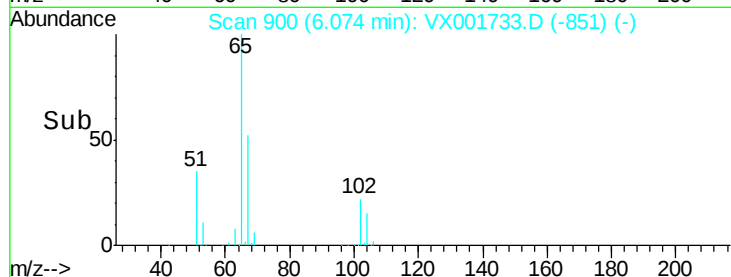
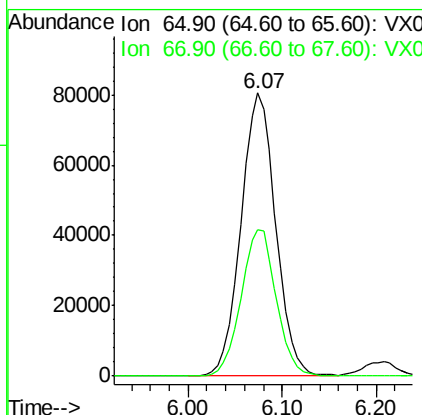
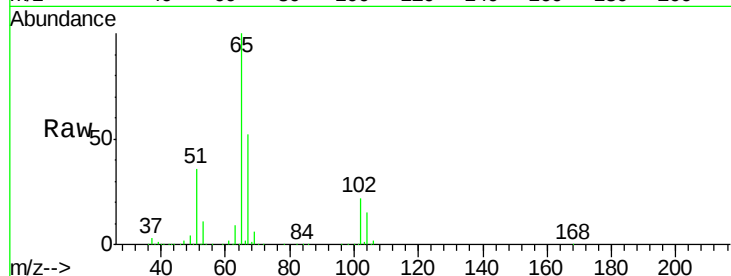




#33
 1,2-Dichloroethane-d4
 Concen: 51.22 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

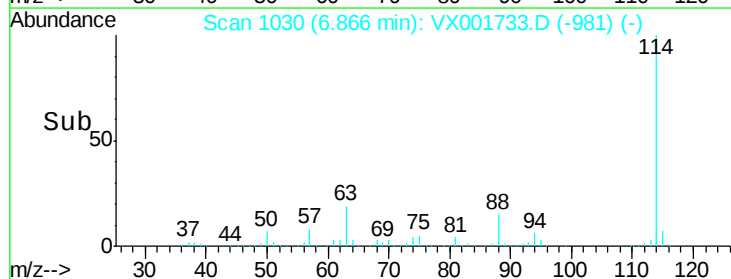
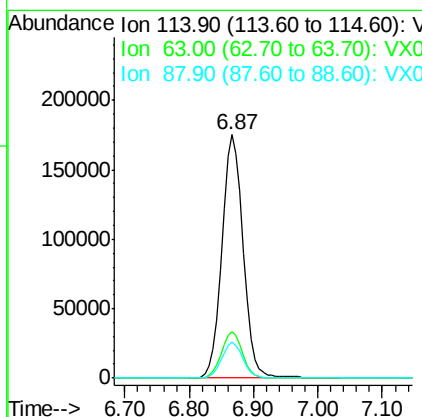
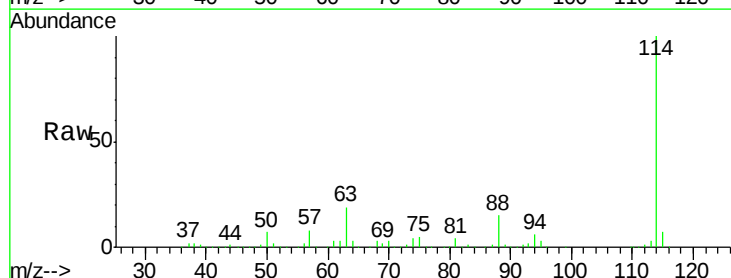
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MSD

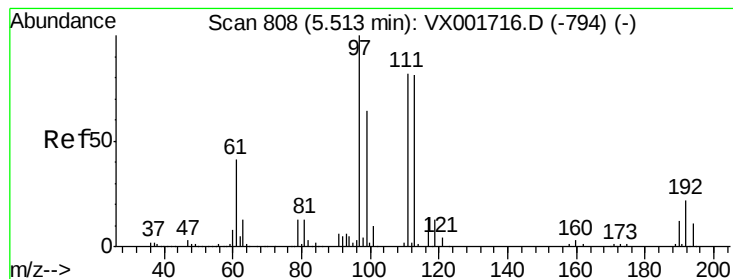
Tgt Ion: 65 Resp: 207551
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Tgt Ion: 114 Resp: 409681
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.0
 88 14.9 0.0 29.8





#35

Dibromofluoromethane

Concen: 51.66 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

MW-03MSD

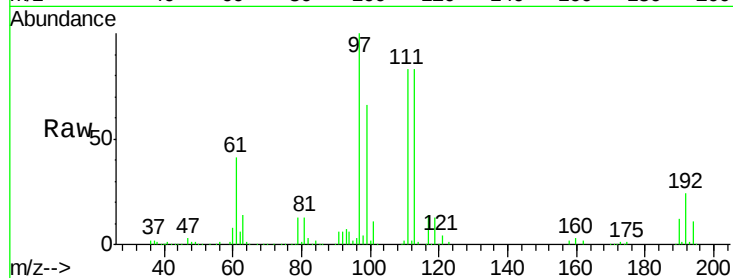
Tgt Ion:113 Resp: 178591

Ion Ratio Lower Upper

113 100

111 101.5 82.0 123.0

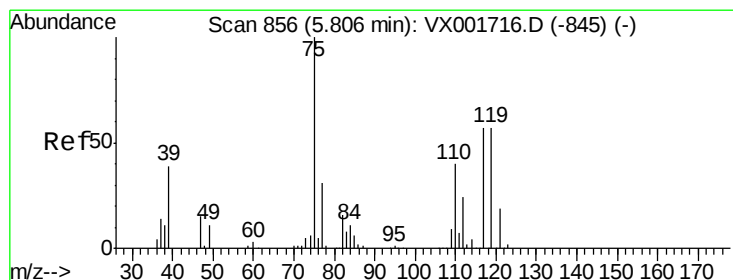
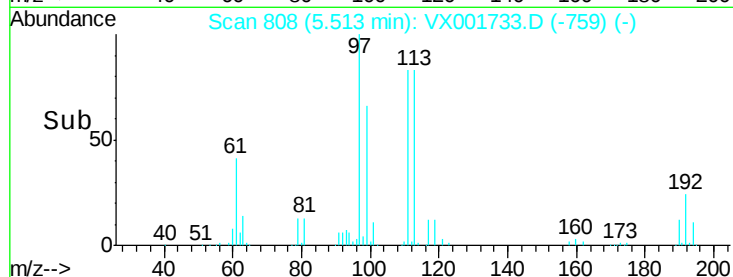
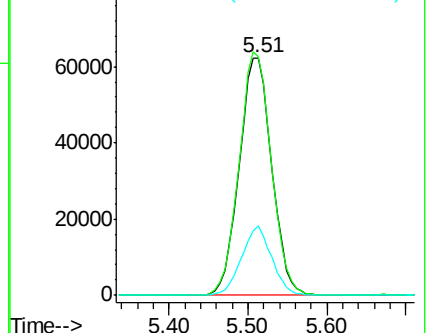
192 27.2 21.6 32.4



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: 48.56 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

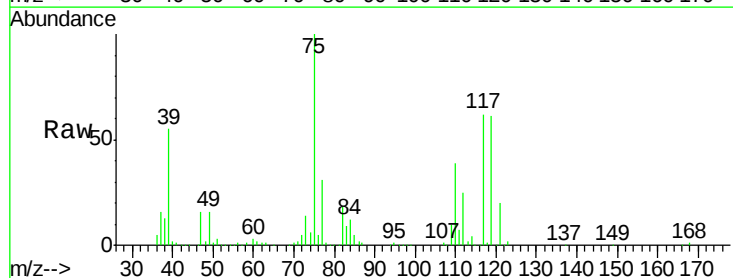
Tgt Ion: 75 Resp: 229033

Ion Ratio Lower Upper

75 100

110 38.2 19.1 57.1

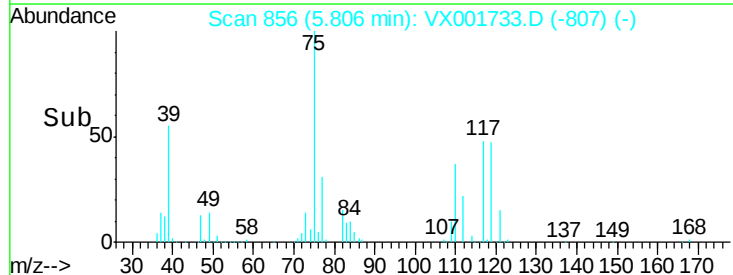
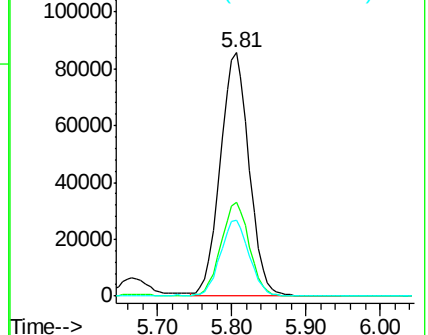
77 31.1 24.6 37.0

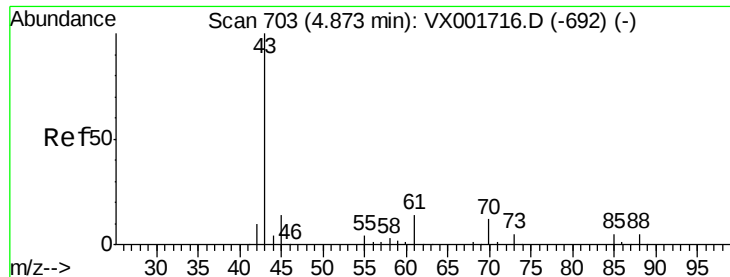


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

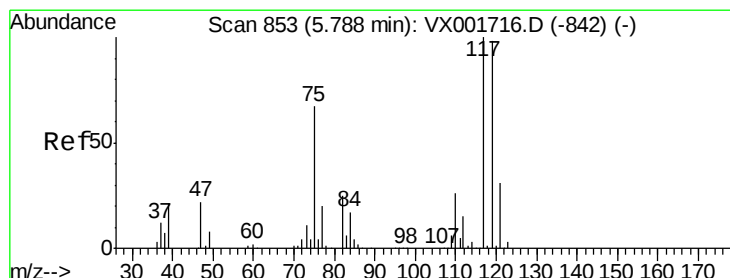
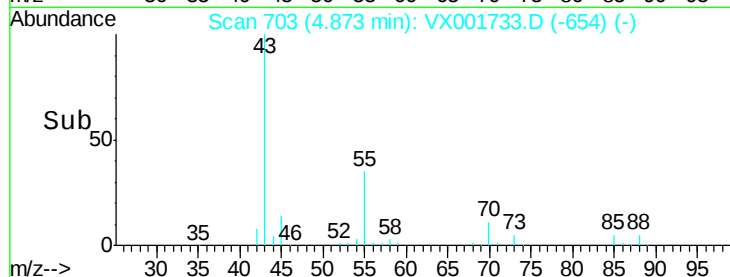
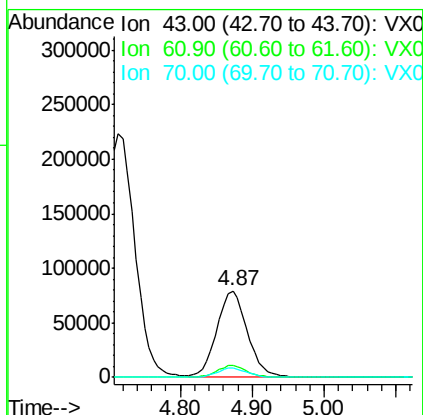
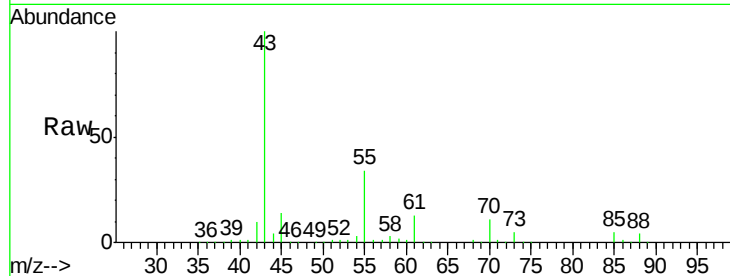




#37
Ethyl Acetate
Concen: 47.41 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

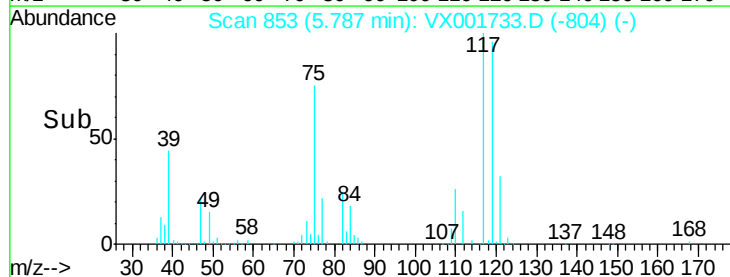
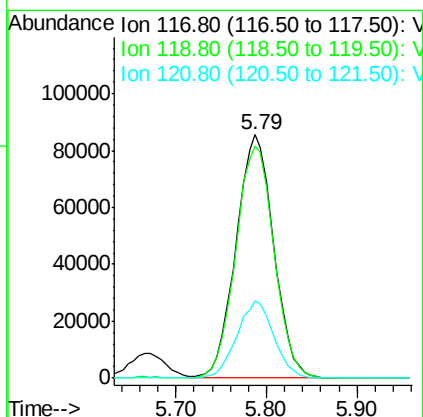
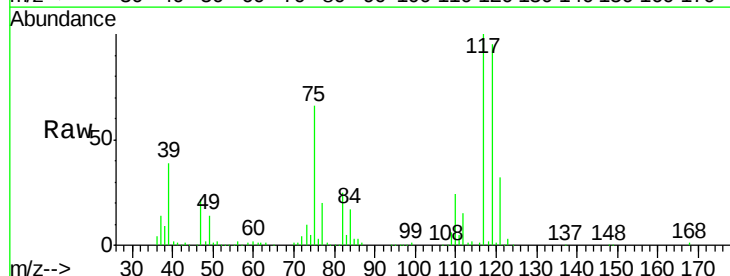
Instrument :
MSVOA_X
ClientSampleId :
MW-03MSD

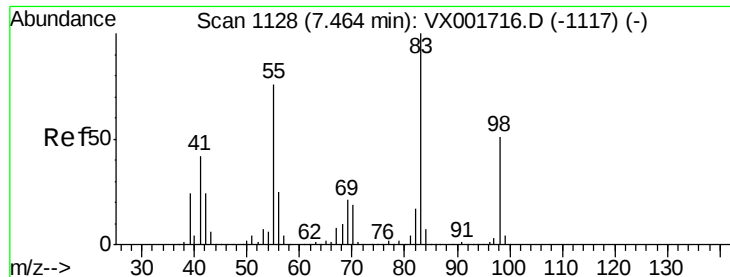
Tgt Ion: 43 Resp: 233023
Ion Ratio Lower Upper
43 100
61 13.4 10.9 16.3
70 10.8 8.8 13.2



#38
Carbon Tetrachloride
Concen: 49.69 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Tgt Ion: 117 Resp: 245506
Ion Ratio Lower Upper
117 100
119 95.5 77.6 116.4
121 32.0 24.6 36.8

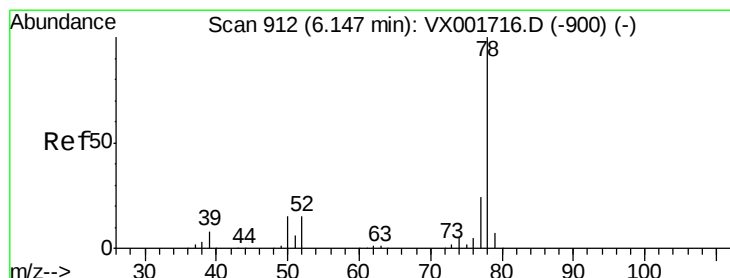
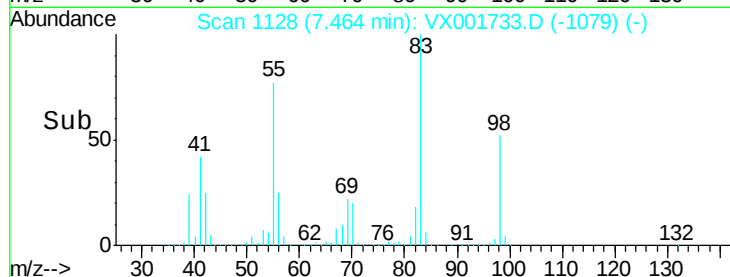
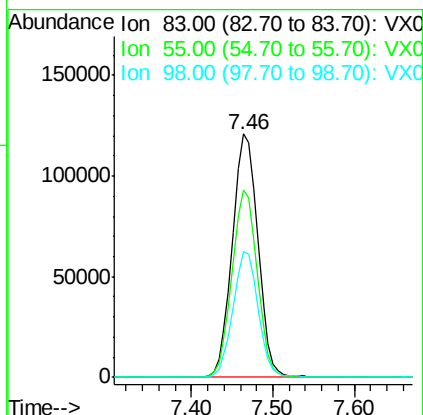
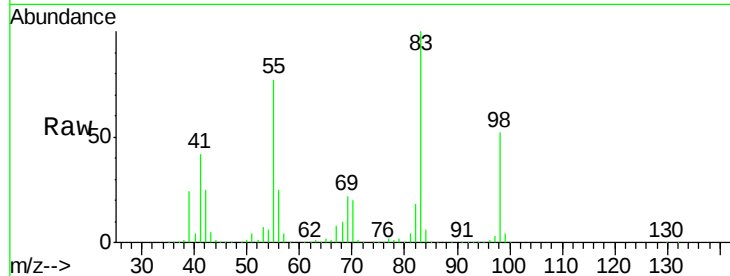




#39
Methylcyclohexane
Concen: 47.48 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

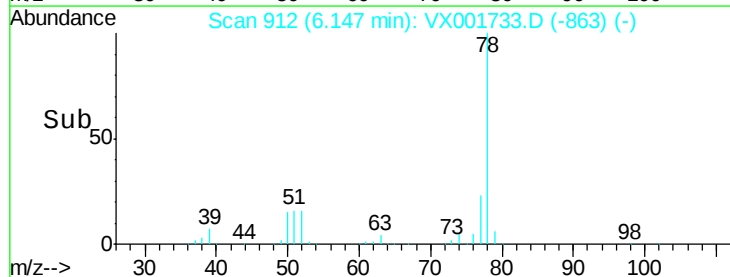
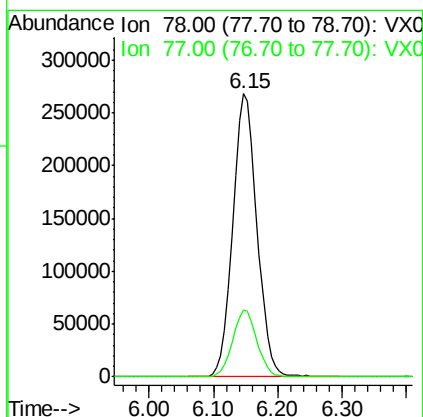
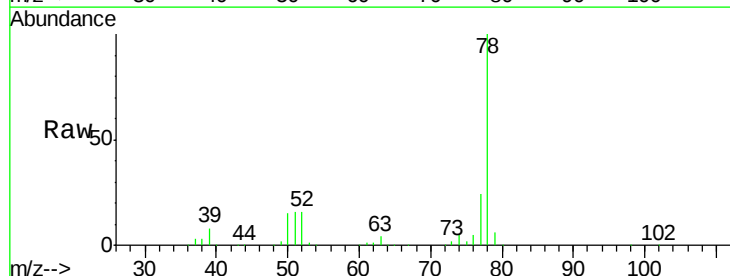
Instrument :
MSVOA_X
ClientSampleId :
MW-03MSD

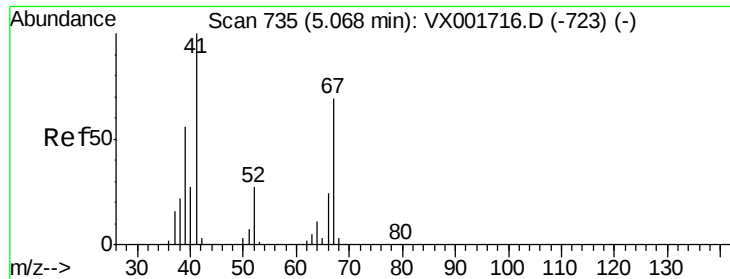
Tgt Ion: 83 Resp: 261625
Ion Ratio Lower Upper
83 100
55 77.1 60.6 90.8
98 51.5 40.4 60.6



#40
Benzene
Concen: 50.58 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Tgt Ion: 78 Resp: 702767
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4

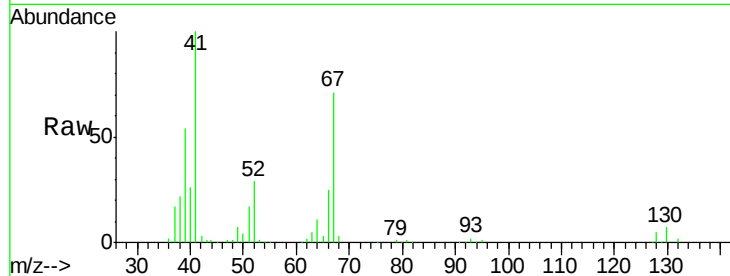




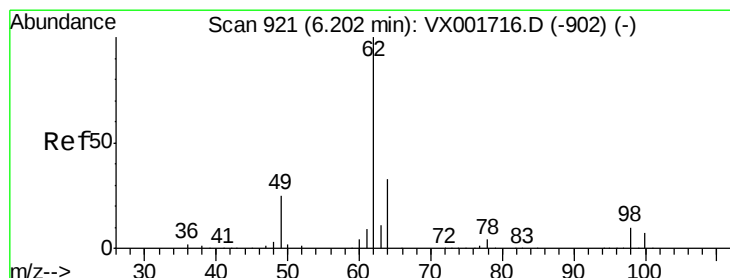
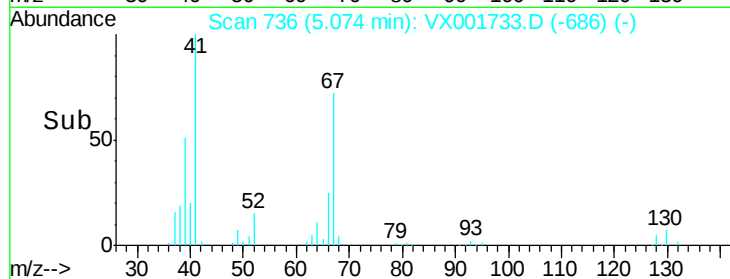
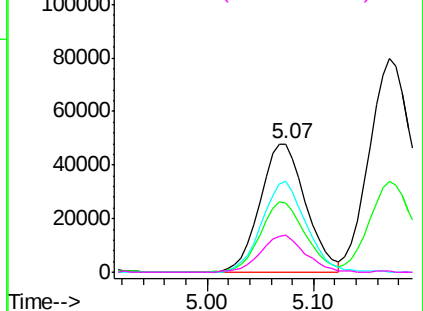
#41
Methacrylonitrile
Concen: 50.28 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Instrument :
MSVOA_X
ClientSampled :
MW-03MSD

Tgt Ion:	41	Resp:	142904
Ion	Ratio	Lower	Upper
41	100		
39	54.0	44.2	66.4
67	69.0	56.0	84.0
52	28.1	22.6	33.8

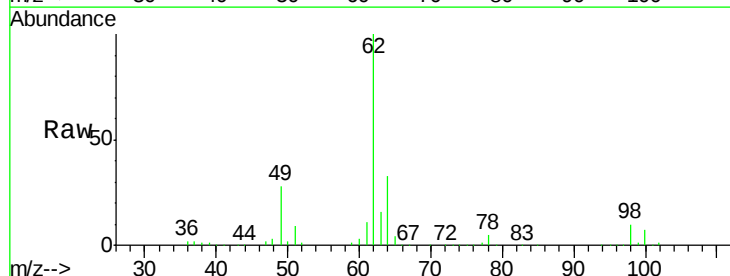


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

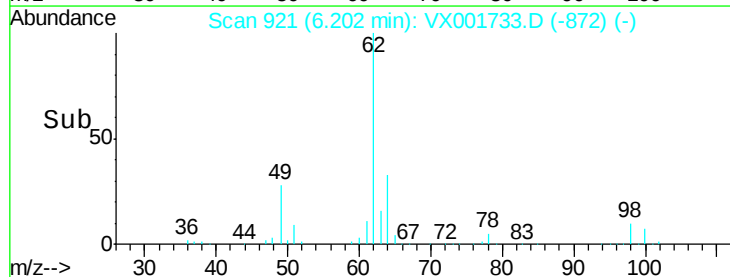
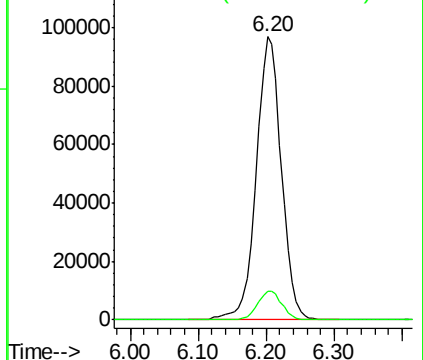


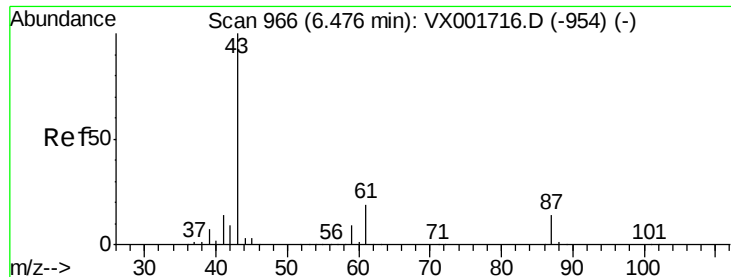
#42
1,2-Dichloroethane
Concen: 49.53 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Tgt Ion:	62	Resp:	248902
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.44 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

MW-03MSD

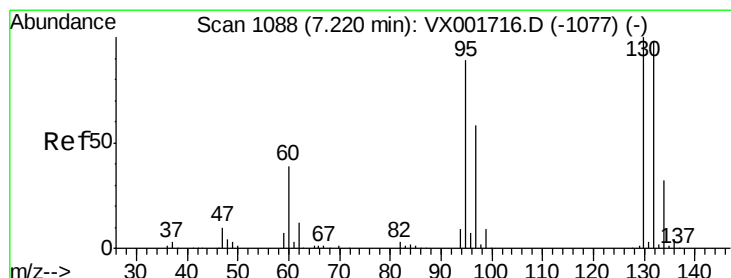
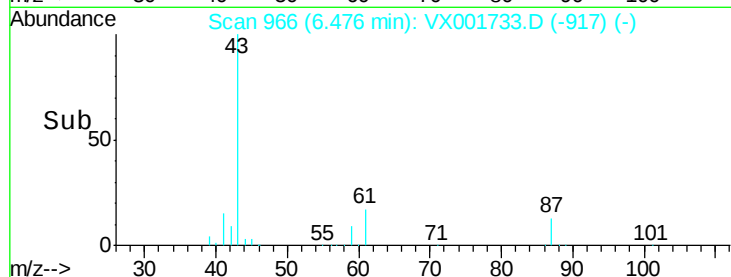
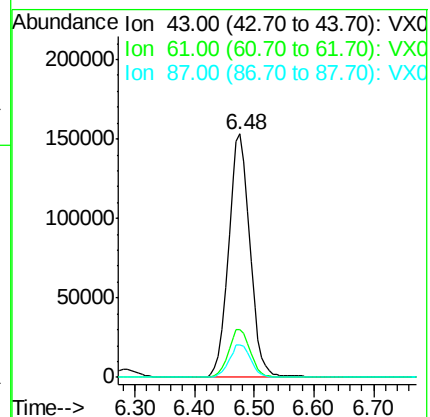
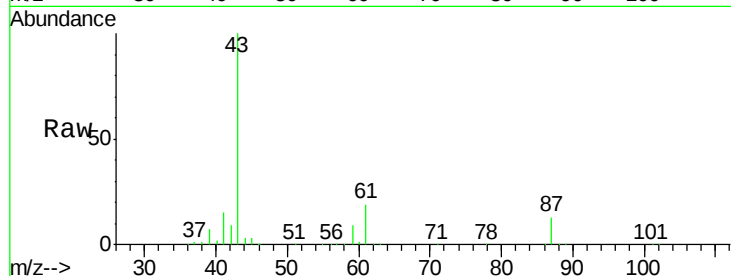
Tgt Ion: 43 Resp: 380341

Ion Ratio Lower Upper

43 100

61 20.1 15.8 23.8

87 13.7 11.0 16.4



#44

Trichloroethene

Concen: 48.79 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001733.D

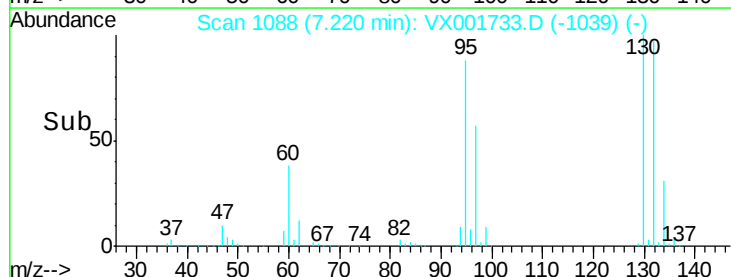
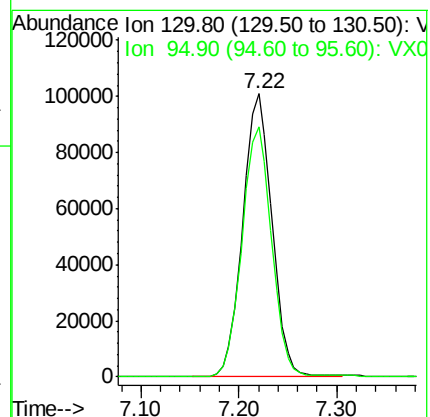
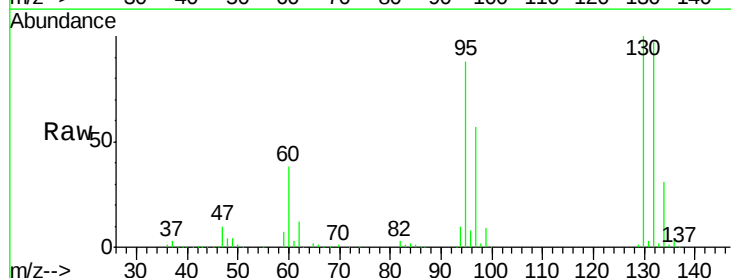
Acq: 15 May 2018 02:16

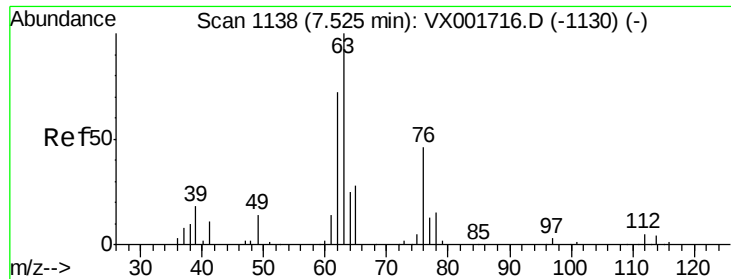
Tgt Ion: 130 Resp: 210438

Ion Ratio Lower Upper

130 100

95 88.4 0.0 177.2

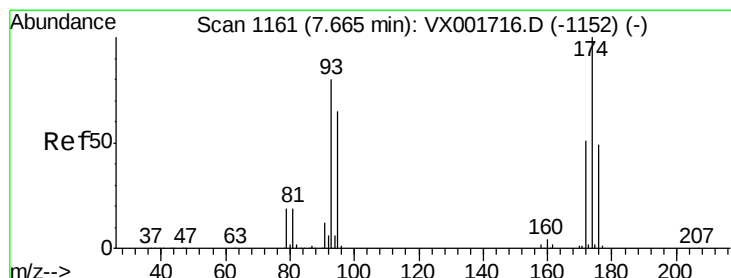
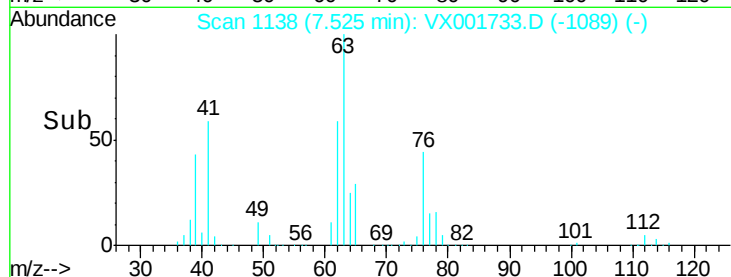
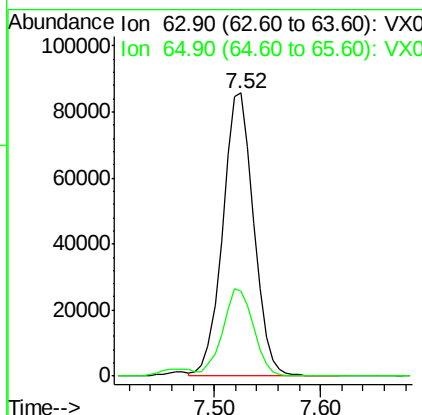
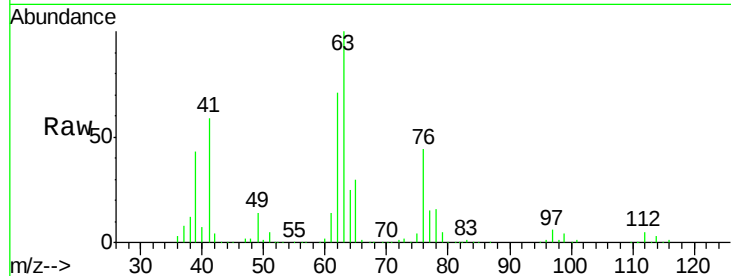




#45
 1,2-Dichloropropane
 Concen: 50.85 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

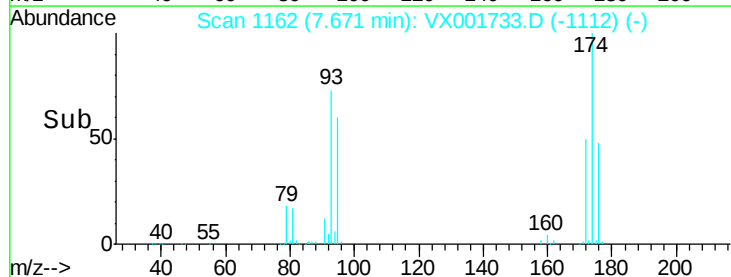
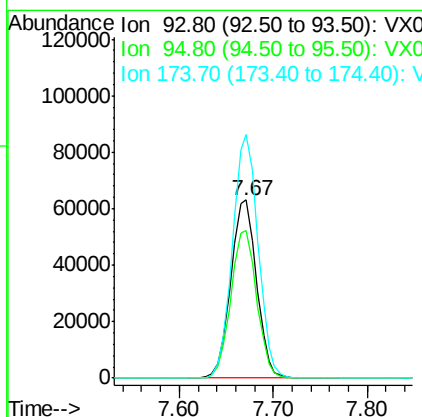
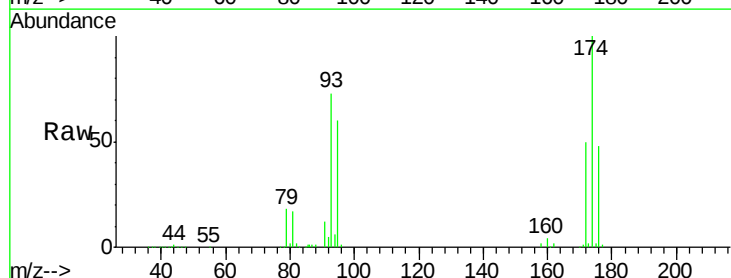
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MSD

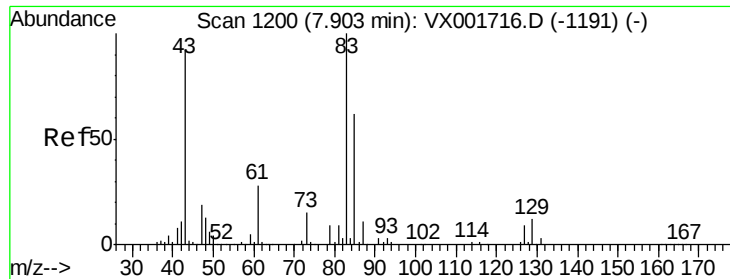
Tgt Ion: 63 Resp: 173372
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.2 36.2



#46
 Dibromomethane
 Concen: 50.19 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Tgt Ion: 93 Resp: 120153
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.9 98.9
 174 135.6 106.2 159.2





#47

Bromodichloromethane

Concen: 52.72 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

MW-03MSD

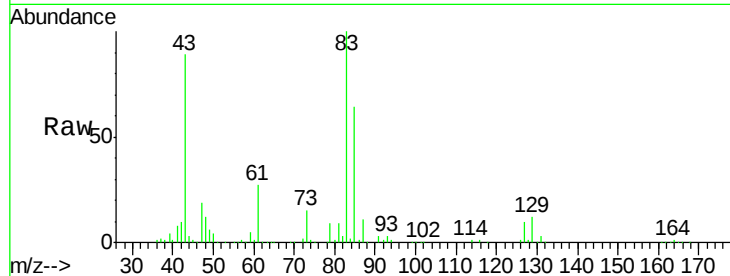
Tgt Ion: 83 Resp: 234225

Ion Ratio Lower Upper

83 100

85 63.8 49.6 74.4

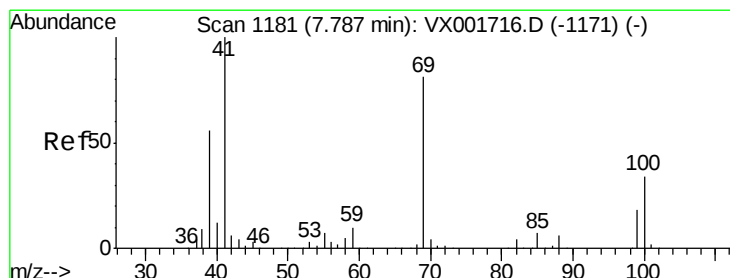
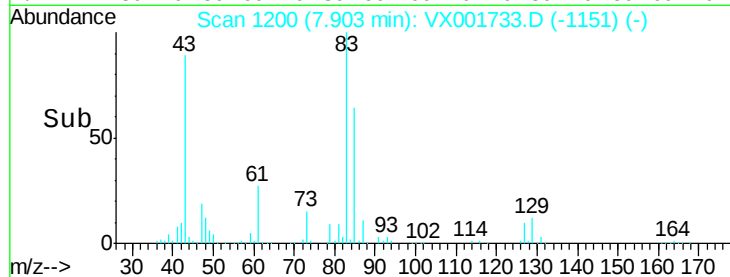
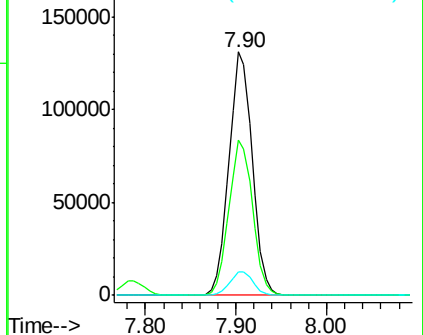
127 9.5 7.5 11.3



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: 52.60 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

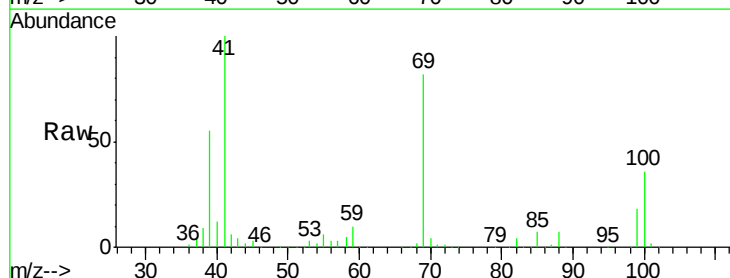
Tgt Ion: 41 Resp: 212970

Ion Ratio Lower Upper

41 100

69 81.9 65.2 97.8

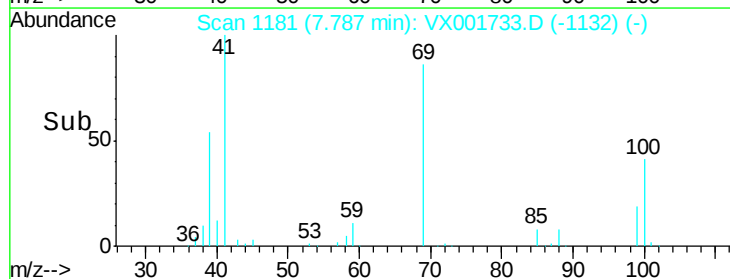
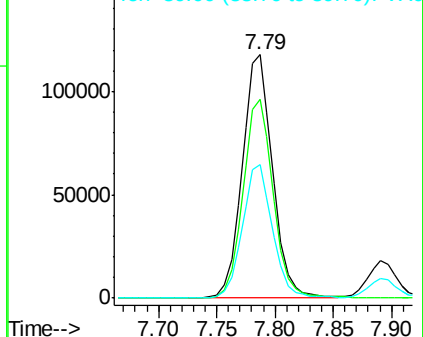
39 54.4 44.5 66.7

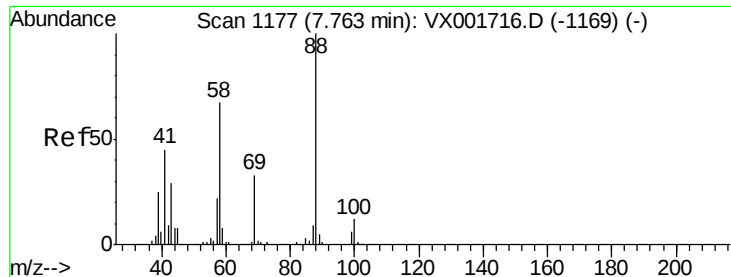


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1085.08 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

MW-03MSD

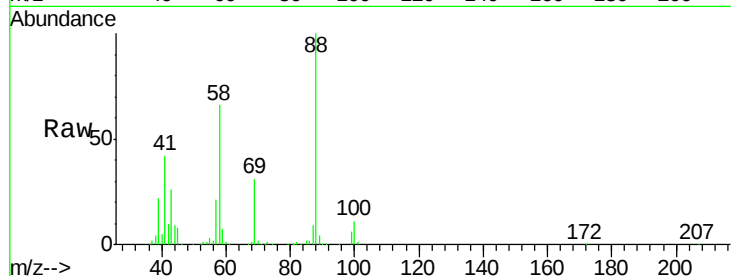
Tgt Ion: 88 Resp: 84592

Ion Ratio Lower Upper

88 100

43 31.6 27.3 40.9

58 67.9 55.9 83.9

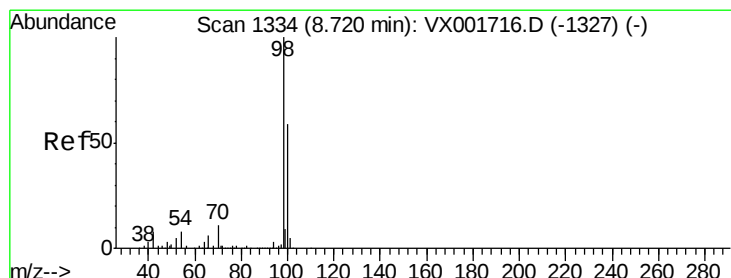
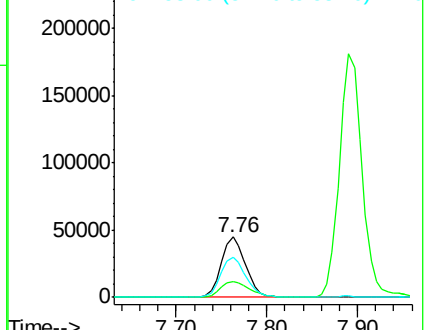
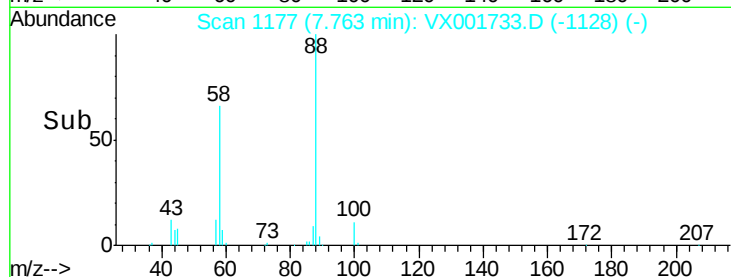


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 53.53 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001733.D

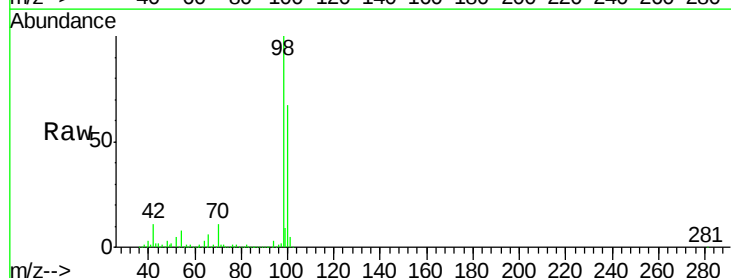
Acq: 15 May 2018 02:16

Tgt Ion: 98 Resp: 662768

Ion Ratio Lower Upper

98 100

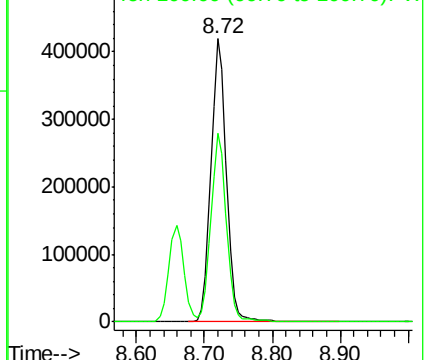
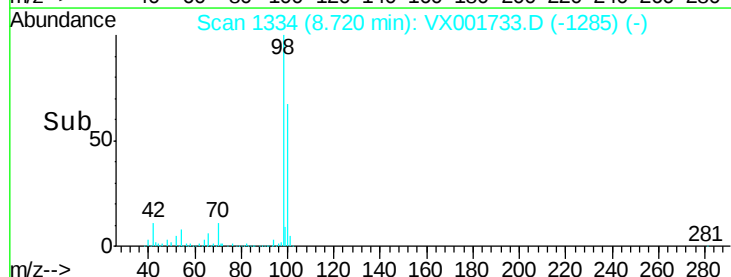
100 67.0 54.0 81.0

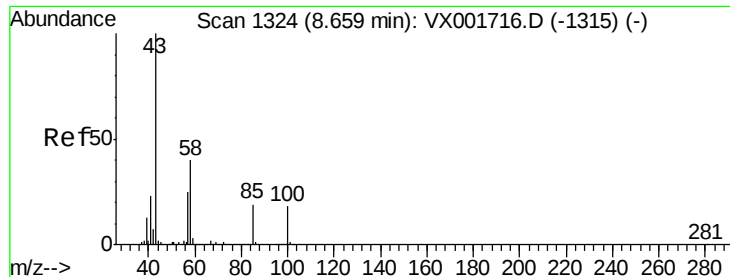


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

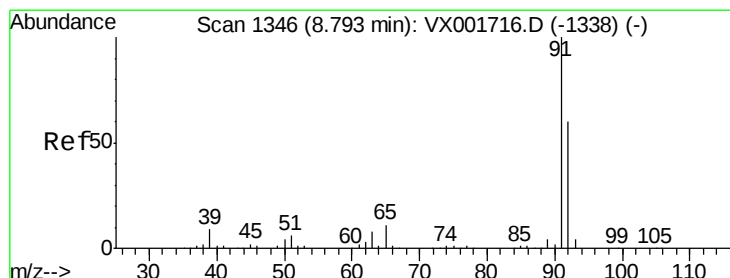
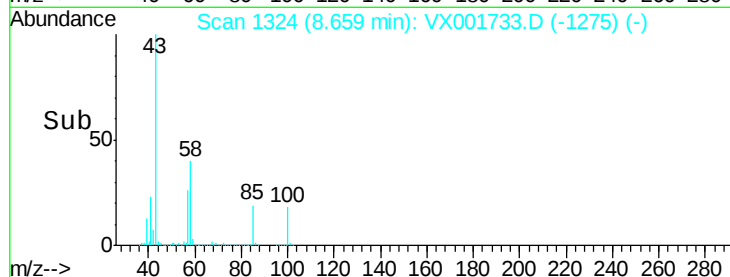
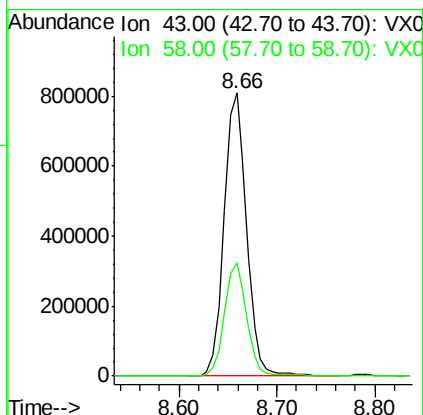
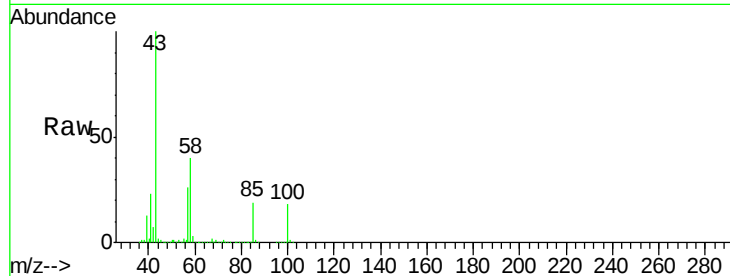




#51
4-Methyl-2-Pentanone
Concen: 265.00 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

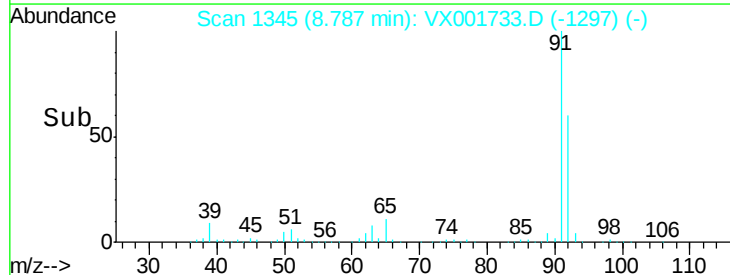
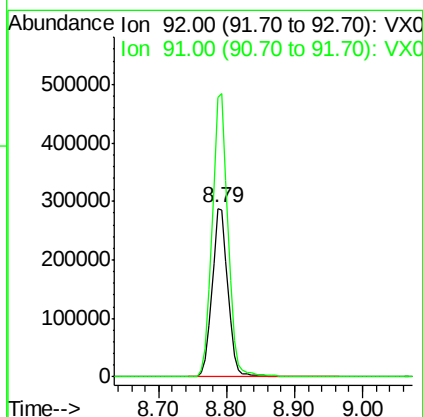
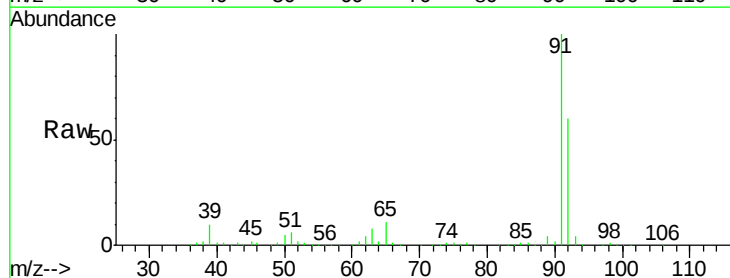
Instrument :
MSVOA_X
ClientSampleId :
MW-03MSD

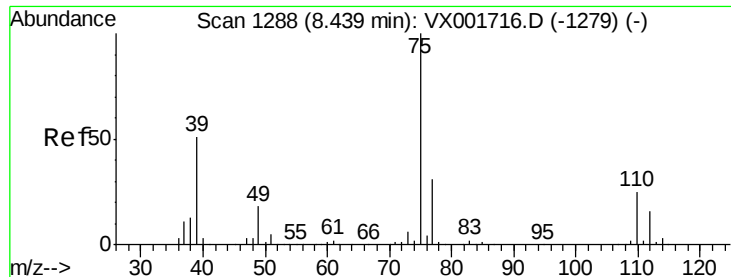
Tgt Ion: 43 Resp: 1291854
Ion Ratio Lower Upper
43 100
58 39.2 31.4 47.0



#52
Toluene
Concen: 51.93 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Tgt Ion: 92 Resp: 463701
Ion Ratio Lower Upper
92 100
91 168.3 135.5 203.3

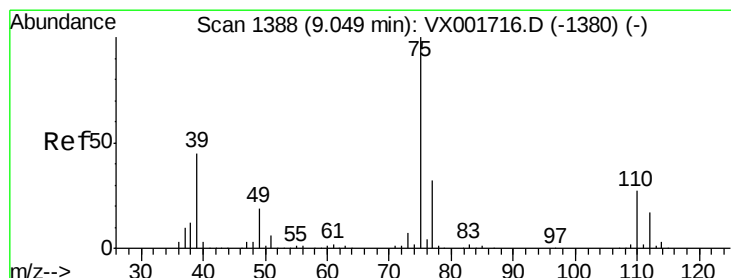
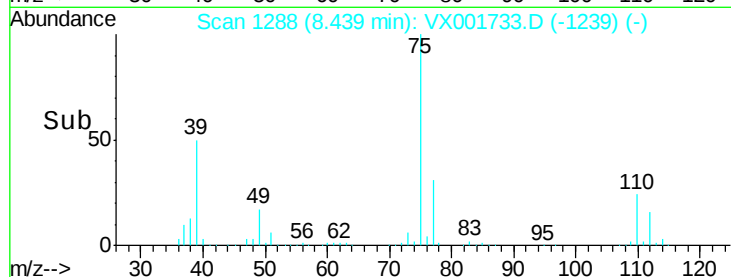
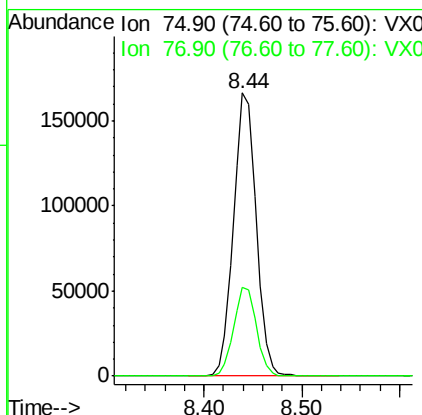
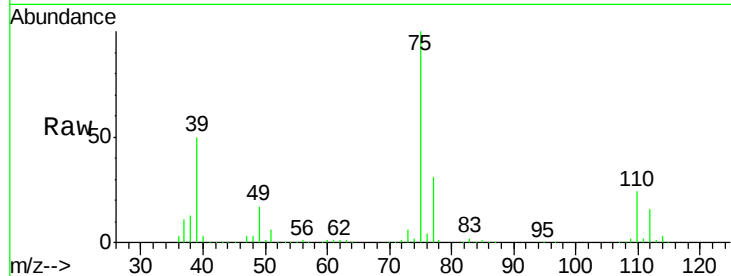




#53
t-1,3-Dichloropropene
Concen: 51.29 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

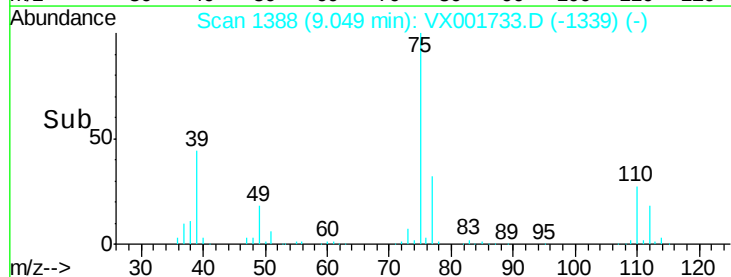
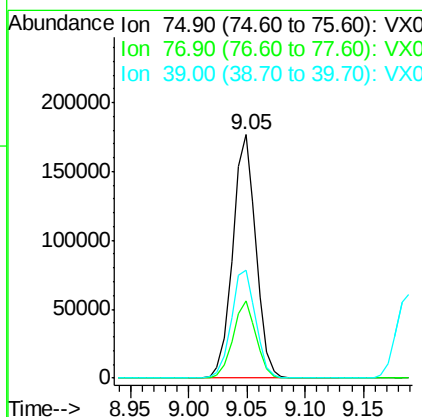
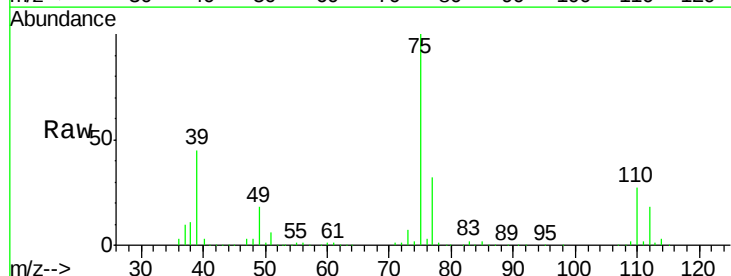
Instrument :
MSVOA_X
ClientSampleId :
MW-03MSD

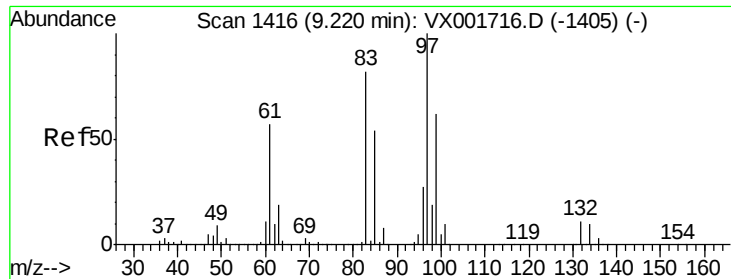
Tgt Ion: 75 Resp: 268098
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 53.15 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Tgt Ion: 75 Resp: 244919
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2
39 44.4 36.1 54.1

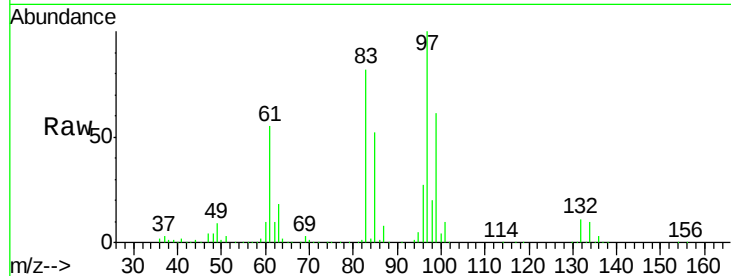




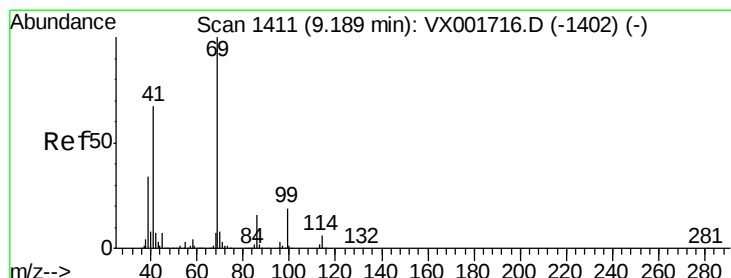
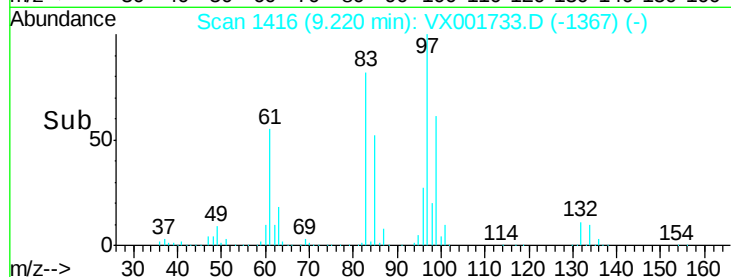
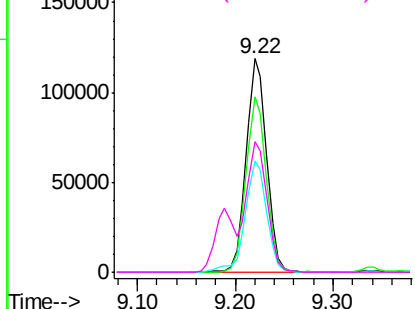
#55
 1,1,2-Trichloroethane
 Concen: 50.61 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MSD

Tgt Ion:	97	Resp:	172747
Ion	Ratio	Lower	Upper
97	100		
83	81.9	65.8	98.8
85	52.3	43.4	65.0
99	61.3	49.8	74.6

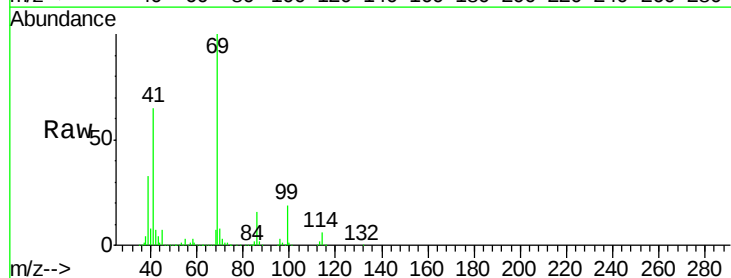


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

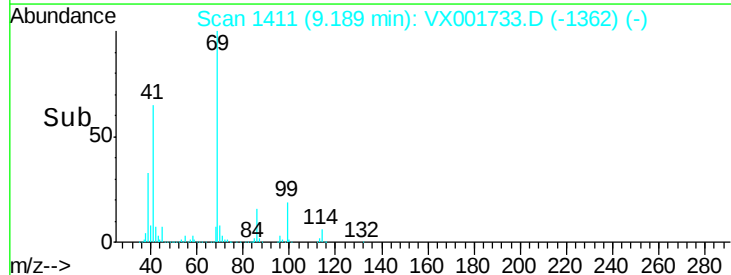
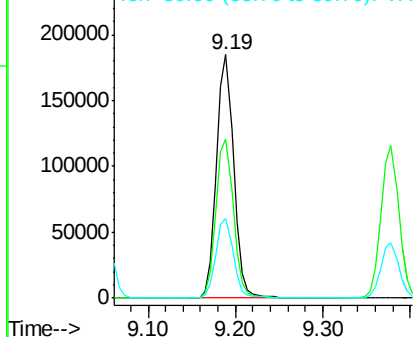


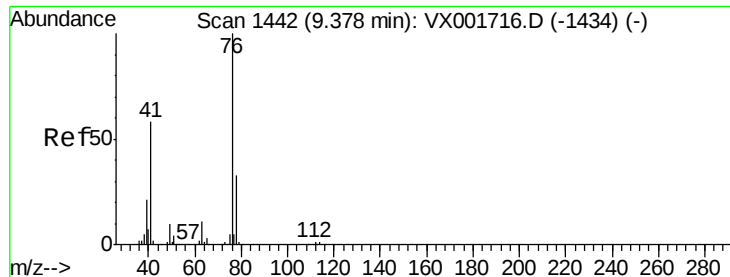
#56
 Ethyl methacrylate
 Concen: 52.17 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Tgt Ion:	69	Resp:	252513
Ion	Ratio	Lower	Upper
69	100		
41	66.5	53.5	80.3
39	33.2	27.2	40.8



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





#57

1,3-Dichloropropane

Concen: 49.53 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

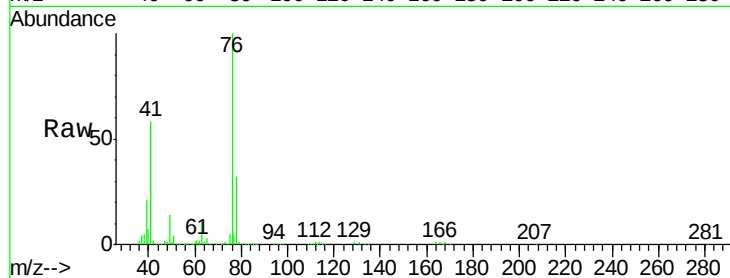
MW-03MSD

Tgt Ion: 76 Resp: 283024

Ion Ratio Lower Upper

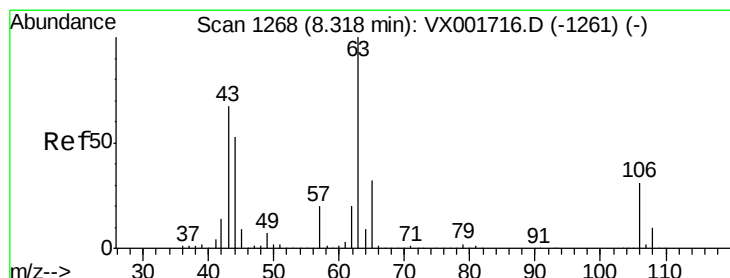
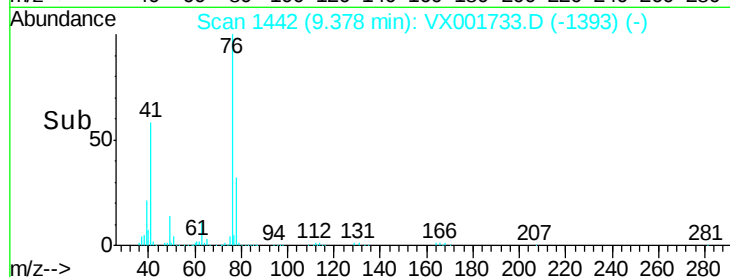
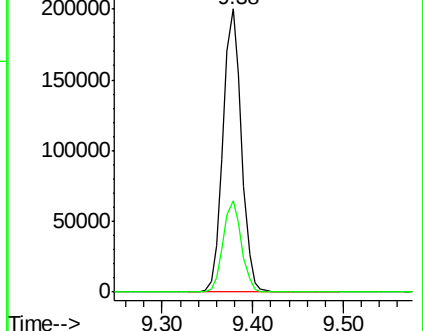
76 100

78 32.0 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 0.23 ug/l

RT: 8.29 min Scan# 1263

Delta R.T. -0.03 min

Lab File: VX001733.D

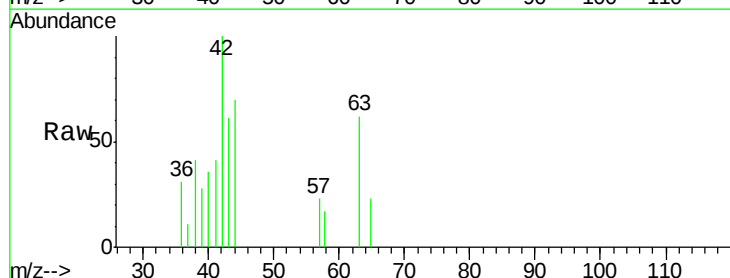
Acq: 15 May 2018 02:16

Tgt Ion: 63 Resp: 579

Ion Ratio Lower Upper

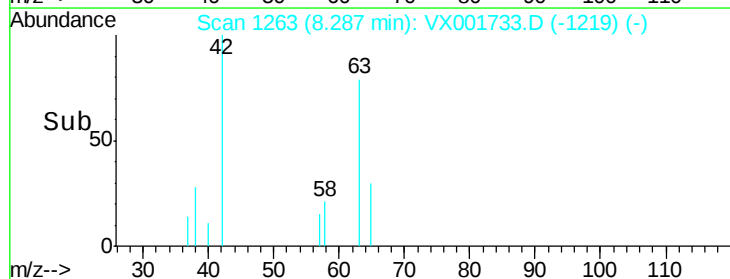
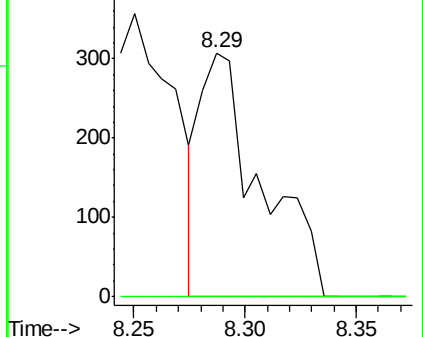
63 100

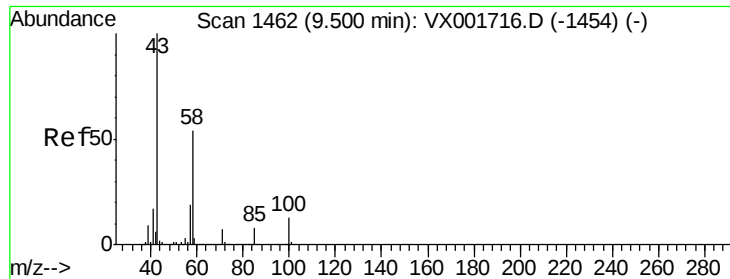
106 0.0 25.1 37.7#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

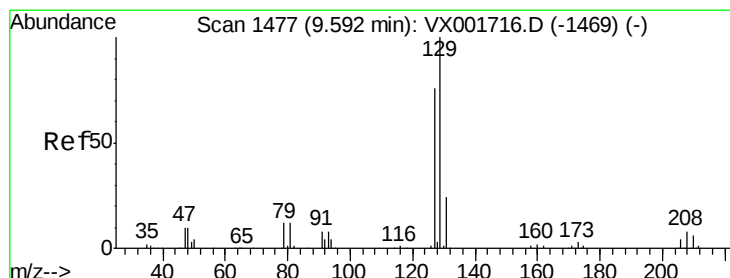
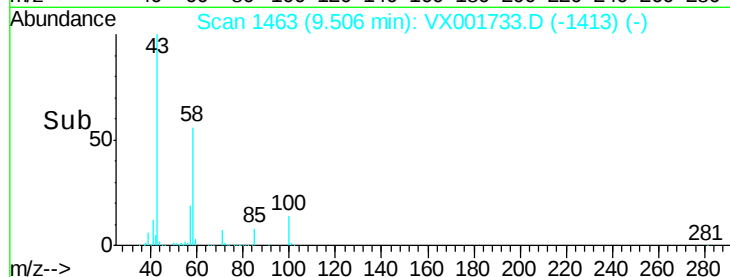
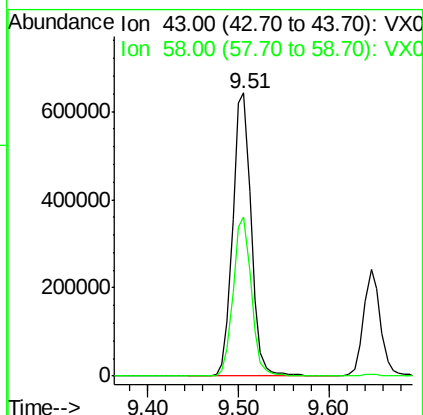
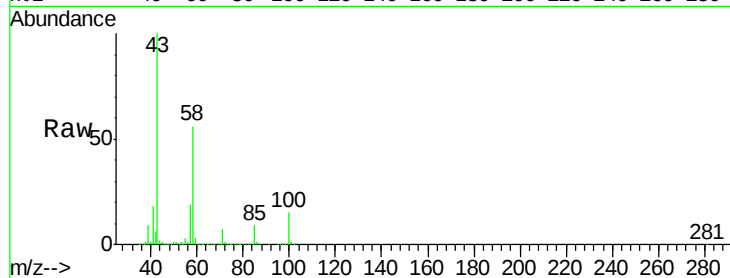




#59
2-Hexanone
Concen: 259.48 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

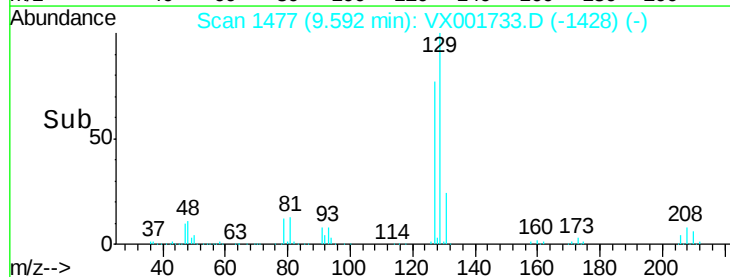
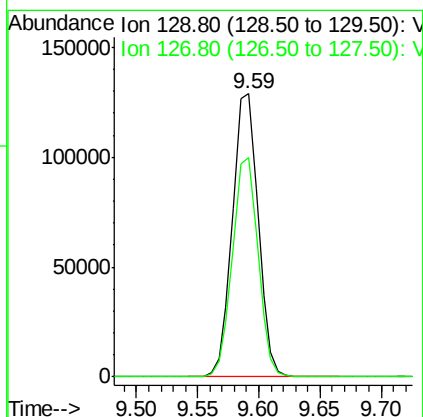
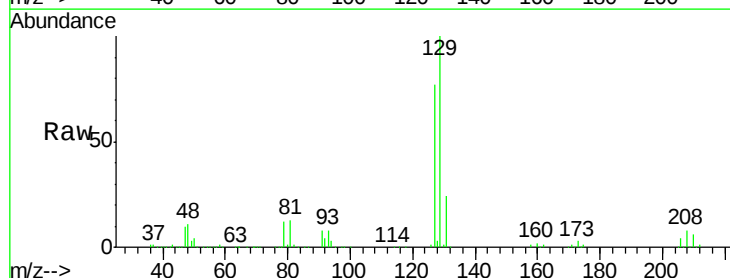
Instrument :
MSVOA_X
ClientSampleId :
MW-03MSD

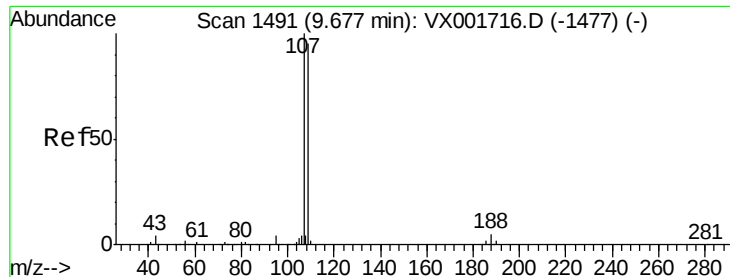
Tgt Ion: 43 Resp: 905489
Ion Ratio Lower Upper
43 100
58 55.5 27.7 83.1



#60
Dibromochloromethane
Concen: 53.58 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Tgt Ion: 129 Resp: 187248
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1





#61

1,2-Dibromoethane

Concen: 50.90 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

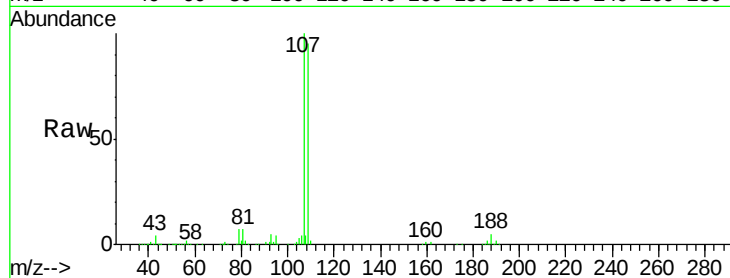
MW-03MSD

Tgt Ion:107 Resp: 181870

Ion Ratio Lower Upper

107 100

109 94.3 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

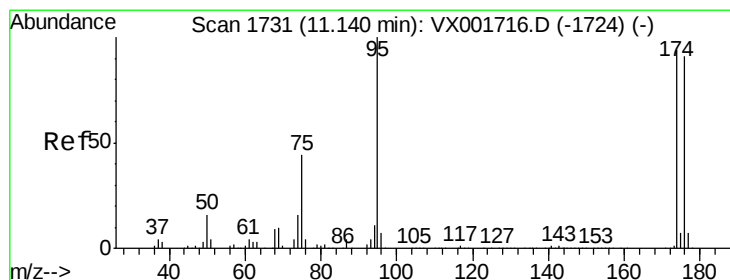
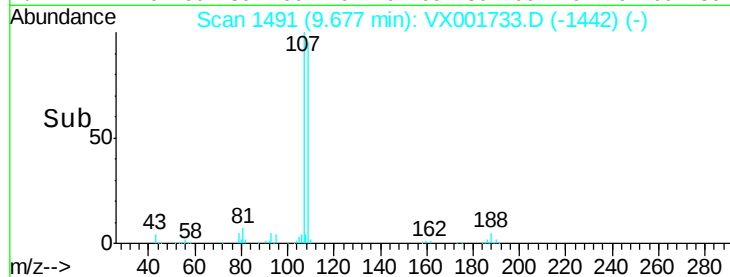
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.86 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

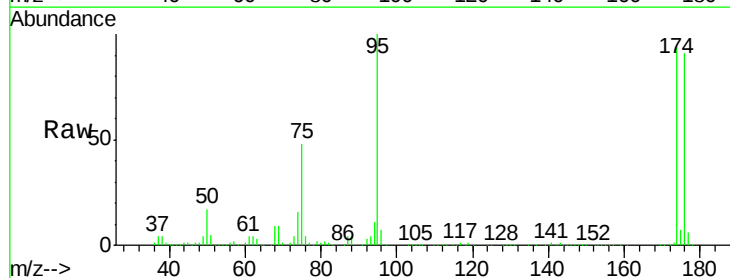
Tgt Ion: 95 Resp: 226744

Ion Ratio Lower Upper

95 100

174 102.4 0.0 201.8

176 99.2 0.0 196.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

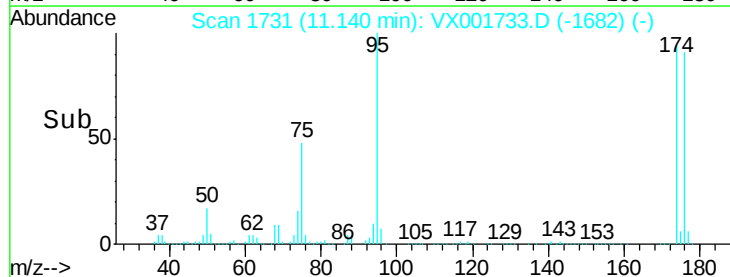
150000

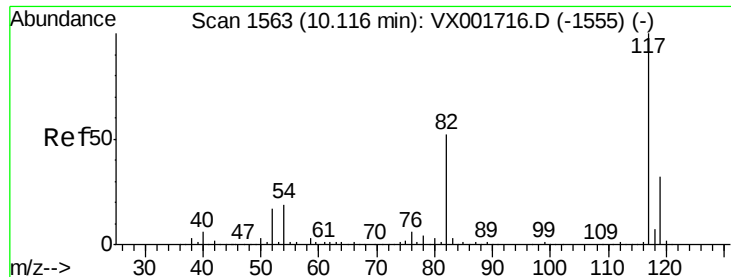
100000

50000

0

Time-->

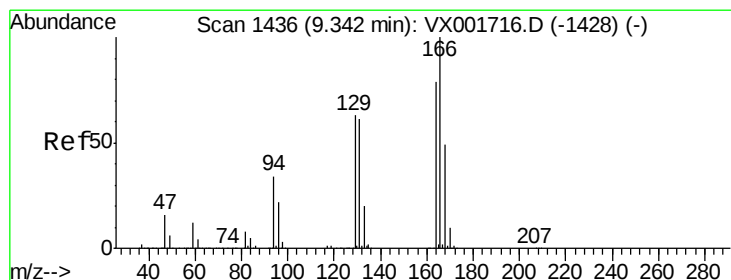
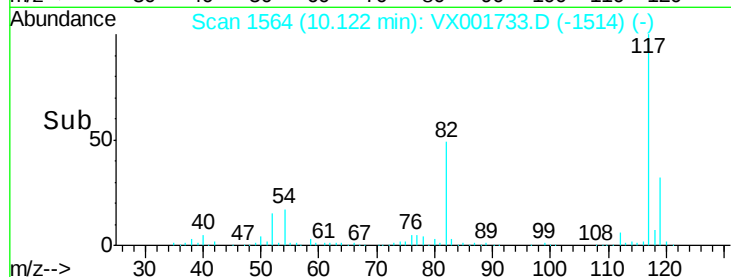
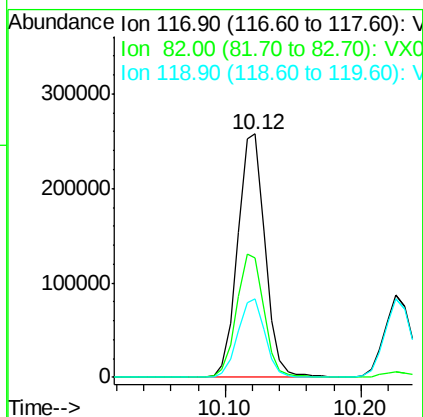
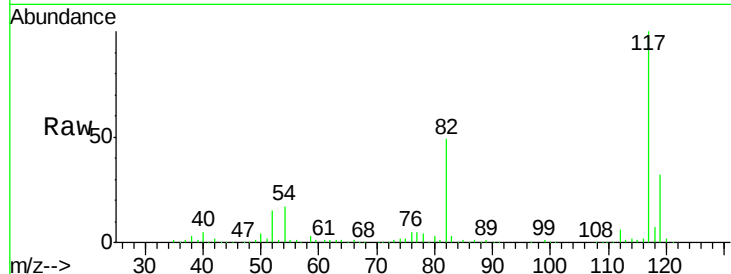




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

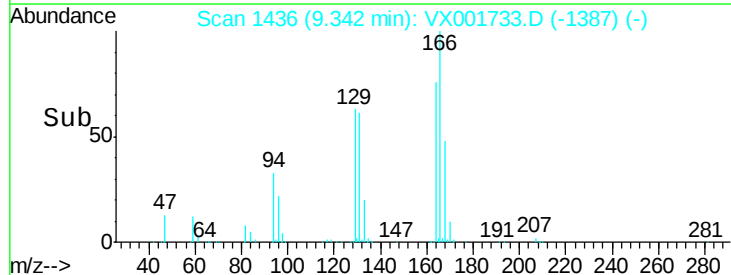
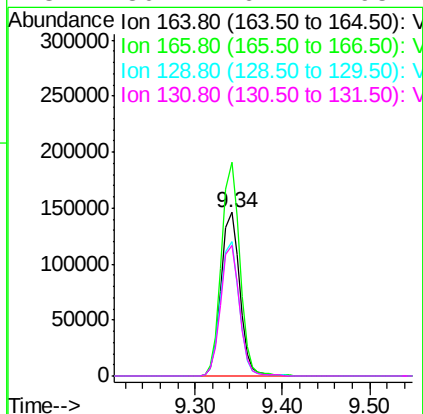
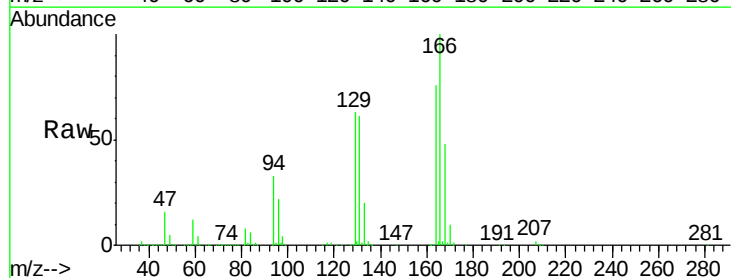
Instrument :
MSVOA_X
ClientSampleId :
MW-03MSD

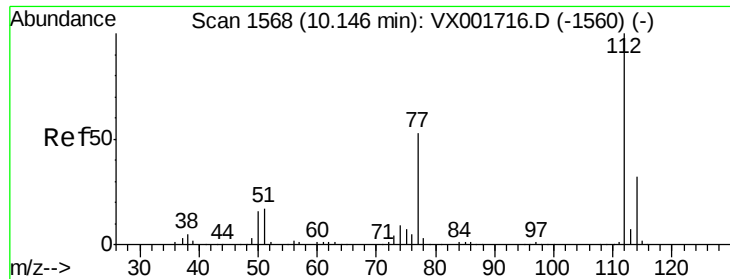
Tgt Ion:117 Resp: 360711
Ion Ratio Lower Upper
117 100
82 49.3 41.4 62.2
119 32.1 25.6 38.4



#64
Tetrachloroethene
Concen: 46.15 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Tgt Ion:164 Resp: 216707
Ion Ratio Lower Upper
164 100
166 130.8 101.8 152.8
129 82.5 63.8 95.6
131 80.2 62.2 93.2

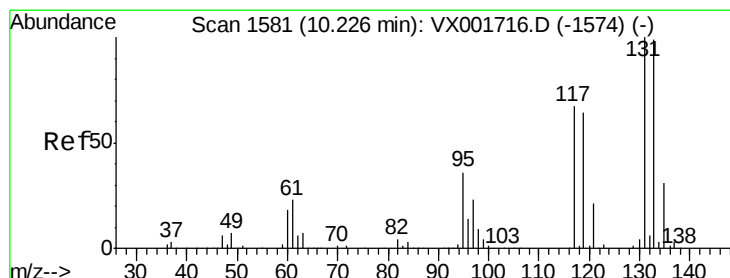
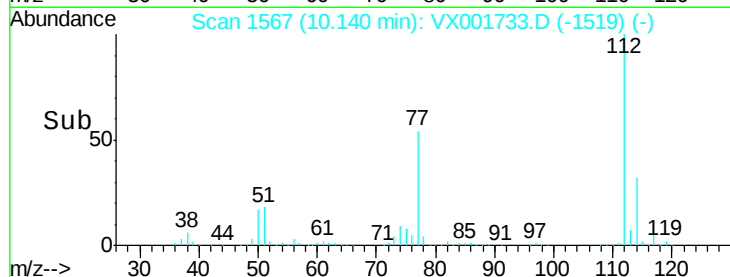
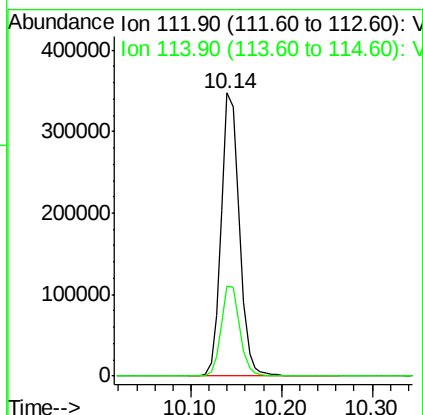
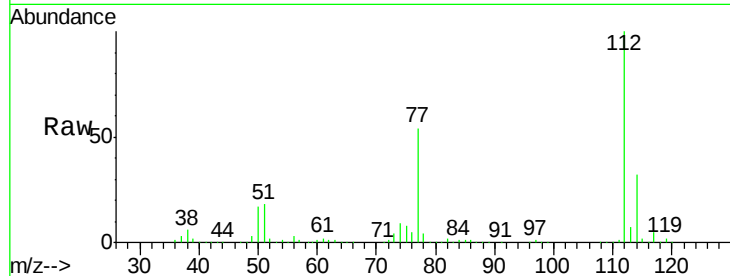




#65
Chlorobenzene
Concen: 49.06 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

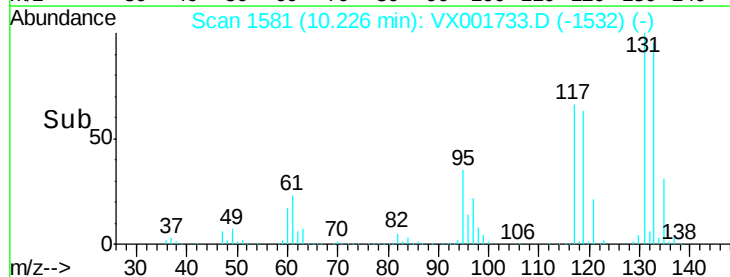
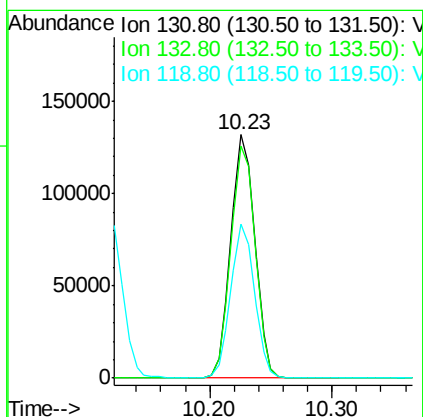
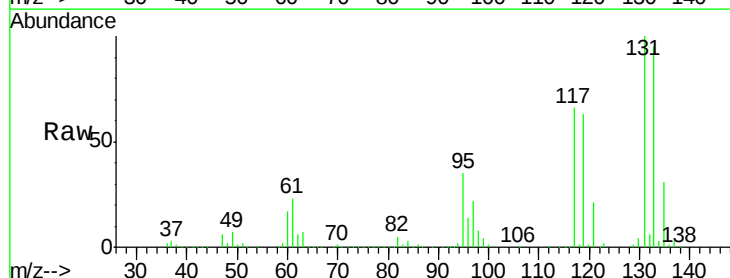
Instrument :
MSVOA_X
ClientSampleId :
MW-03MSD

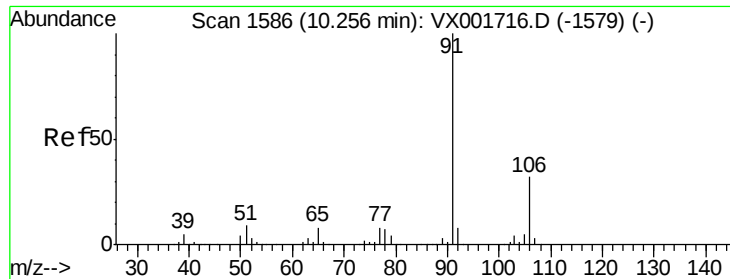
Tgt Ion:112 Resp: 486730
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.18 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Tgt Ion:131 Resp: 179364
Ion Ratio Lower Upper
131 100
133 96.6 48.5 145.6
119 62.7 31.9 95.5





#67

Ethyl Benzene

Concen: 50.36 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

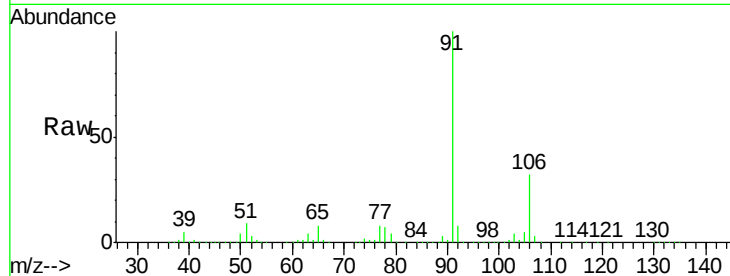
MW-03MSD

Tgt Ion: 91 Resp: 798513

Ion Ratio Lower Upper

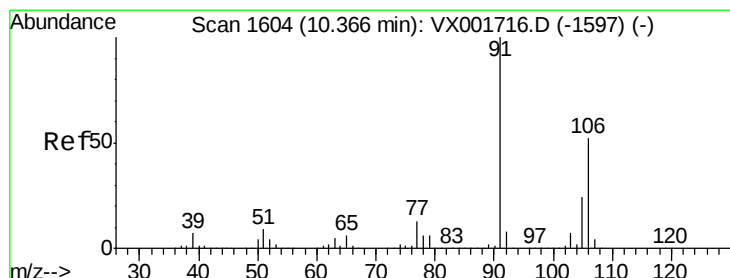
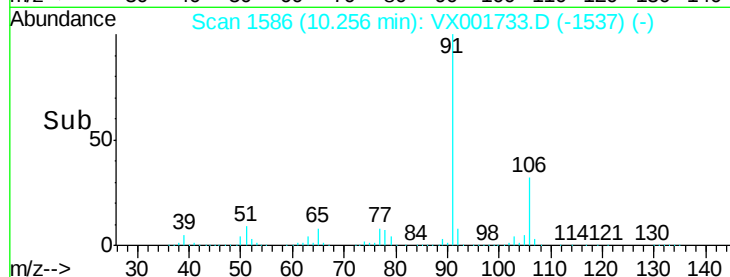
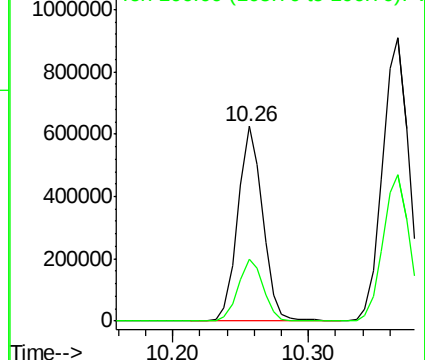
91 100

106 32.0 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 102.27 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001733.D

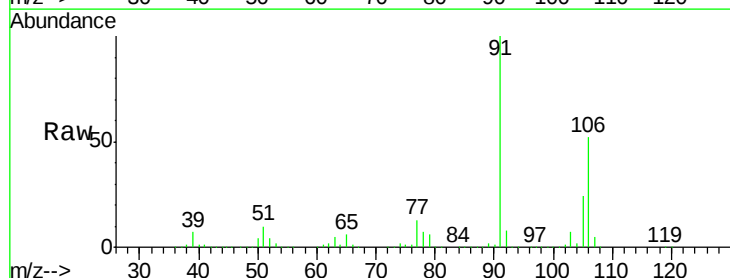
Acq: 15 May 2018 02:16

Tgt Ion: 106 Resp: 639848

Ion Ratio Lower Upper

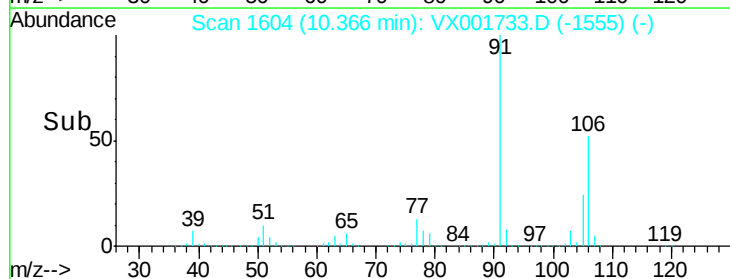
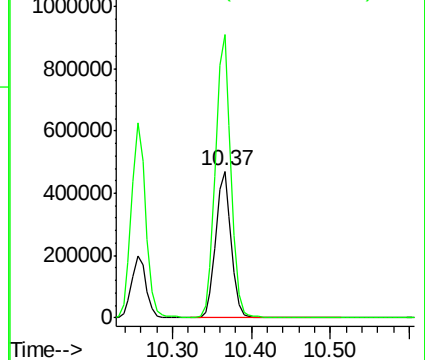
106 100

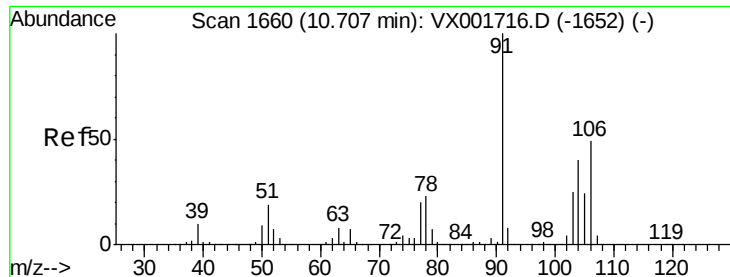
91 194.0 155.4 233.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

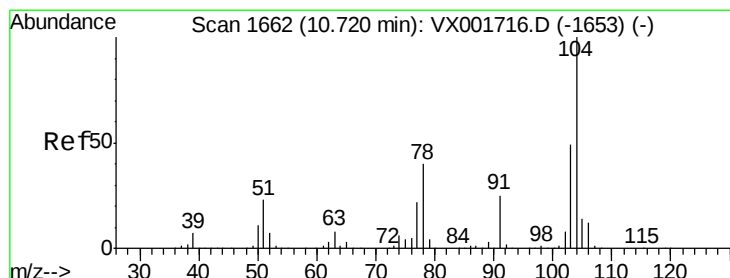
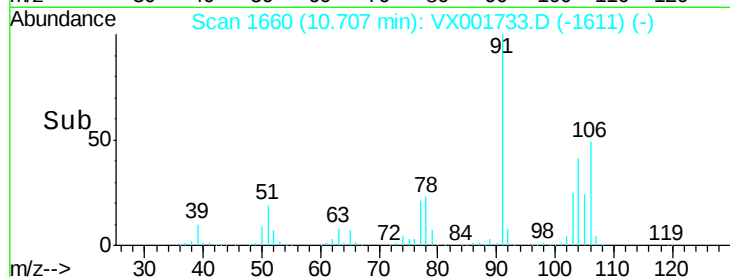
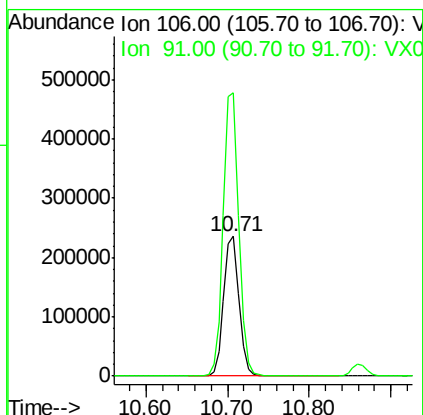
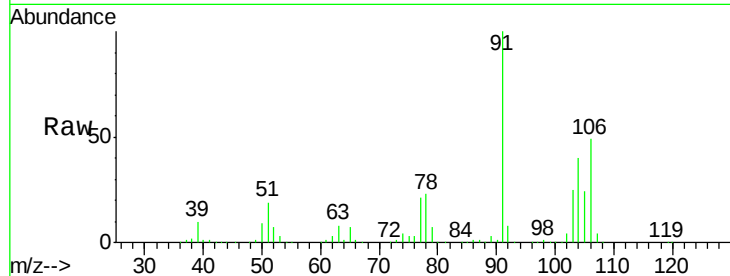




#69
o-Xylene
Concen: 51.76 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

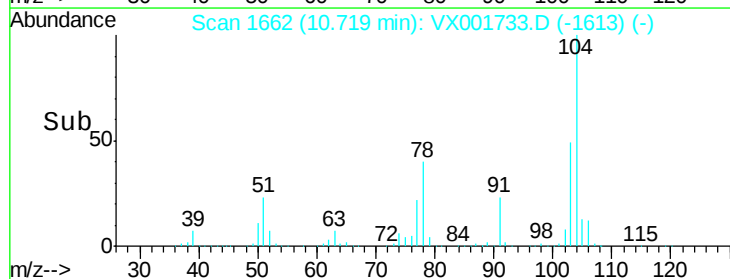
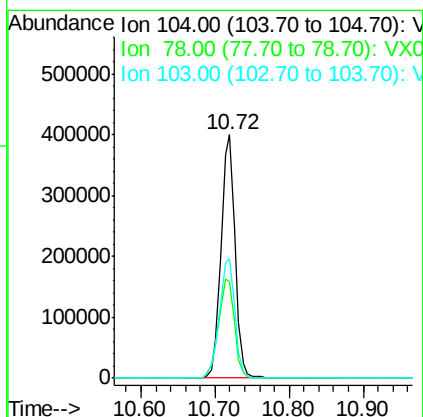
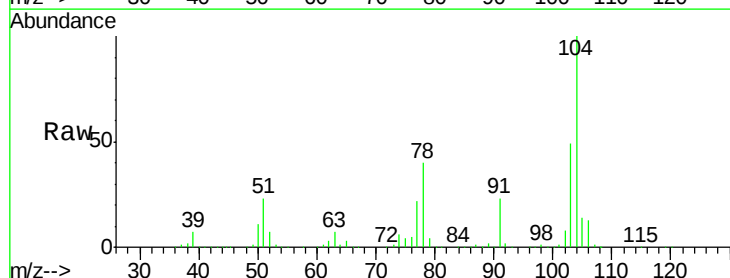
Instrument :
MSVOA_X
ClientSampleId :
MW-03MSD

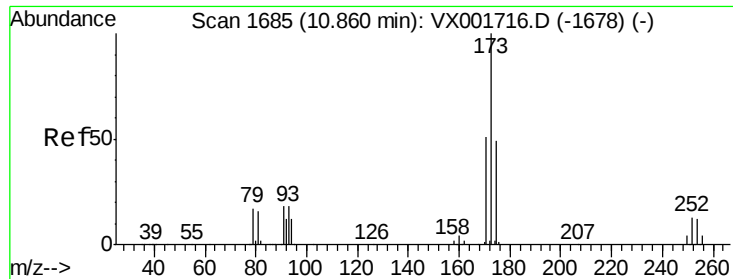
Tgt Ion:106 Resp: 310115
Ion Ratio Lower Upper
106 100
91 205.1 103.4 310.2



#70
Styrene
Concen: 52.60 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Tgt Ion:104 Resp: 519739
Ion Ratio Lower Upper
104 100
78 46.3 37.3 55.9
103 54.5 43.7 65.5





#71

Bromoform

Concen: 47.29 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampled :

MW-03MSD

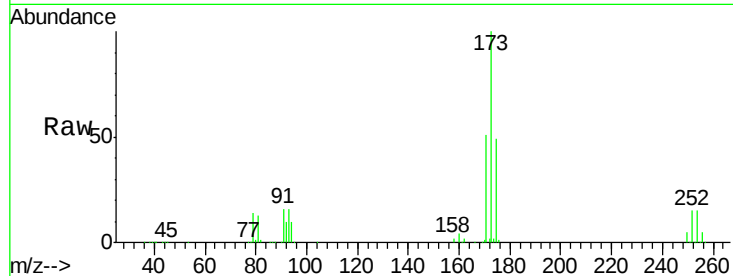
Tgt Ion:173 Resp: 153675

Ion Ratio Lower Upper

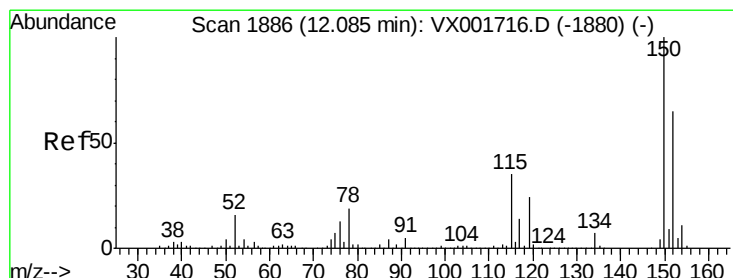
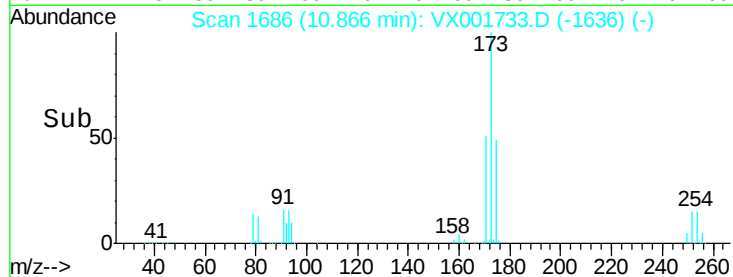
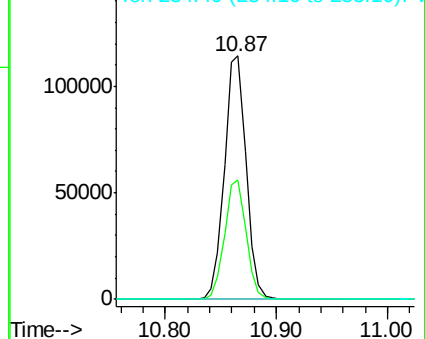
173 100

175 48.8 24.3 72.8

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

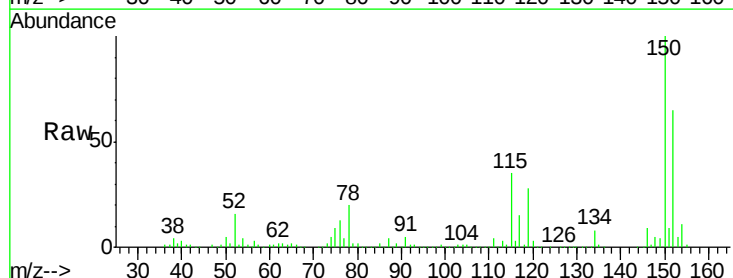
Tgt Ion:152 Resp: 242598

Ion Ratio Lower Upper

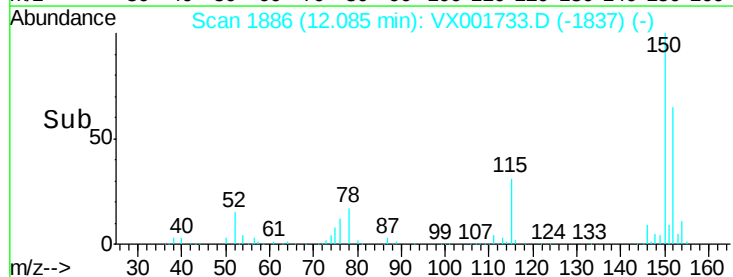
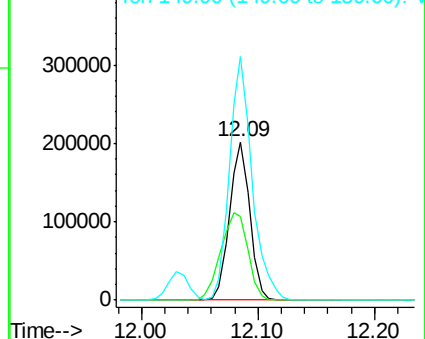
152 100

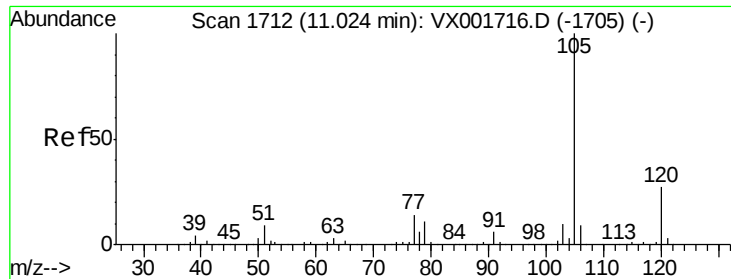
115 73.9 37.4 112.2

150 172.5 0.0 344.8



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





#73

Isopropylbenzene

Concen: 51.03 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

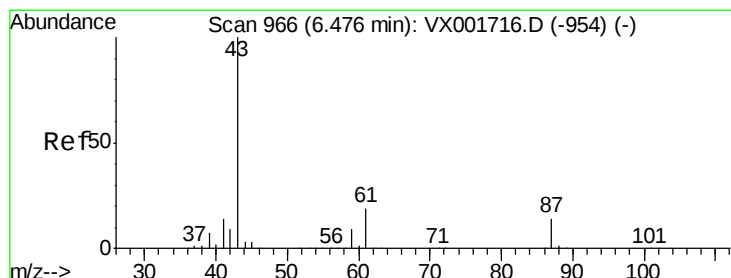
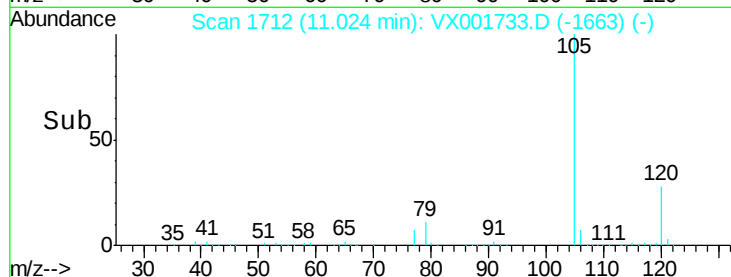
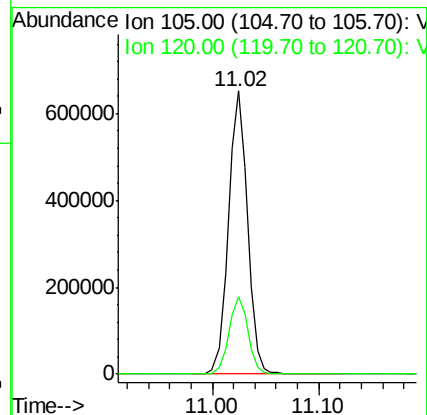
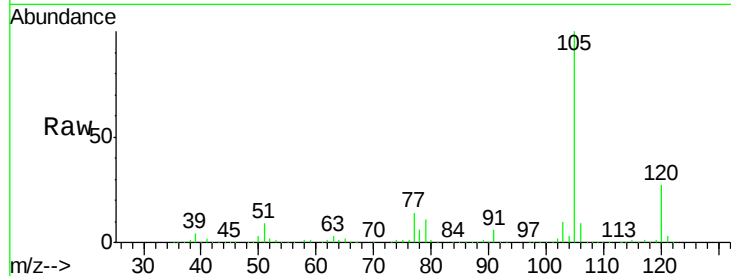
MW-03MSD

Tgt Ion:105 Resp: 815330

Ion Ratio Lower Upper

105 100

120 27.5 13.8 41.3



#74

N-ethyl acetate

Concen: 49.66 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Tgt Ion: 43 Resp: 380341

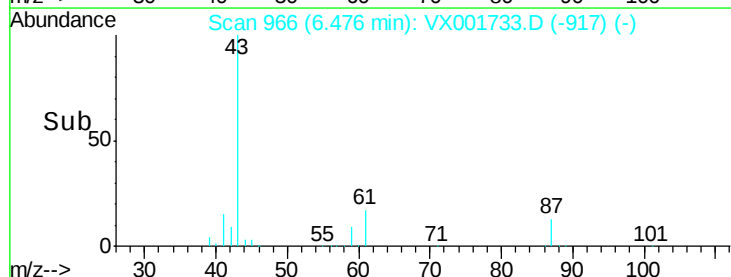
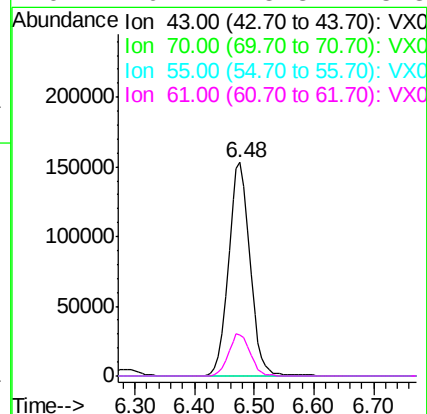
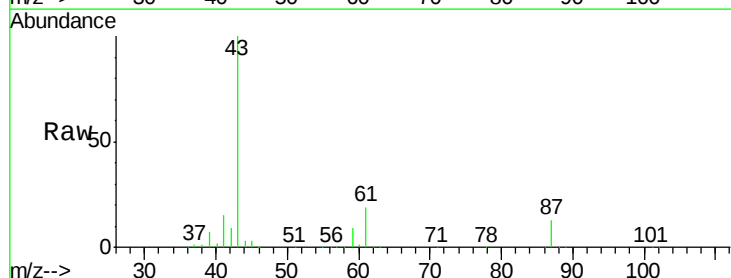
Ion Ratio Lower Upper

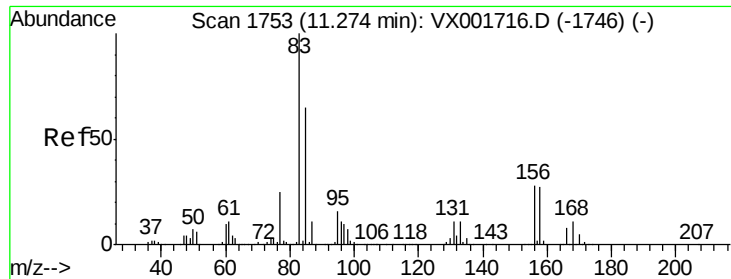
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 20.1 15.8 23.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.65 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

MW-03MSD

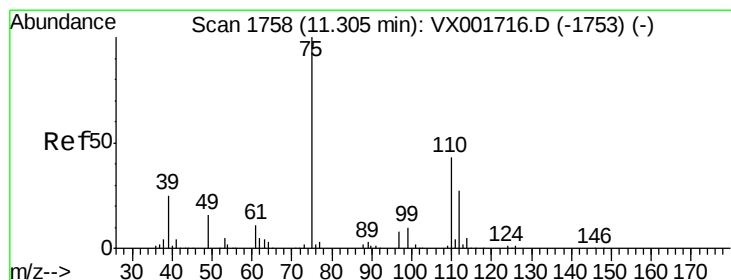
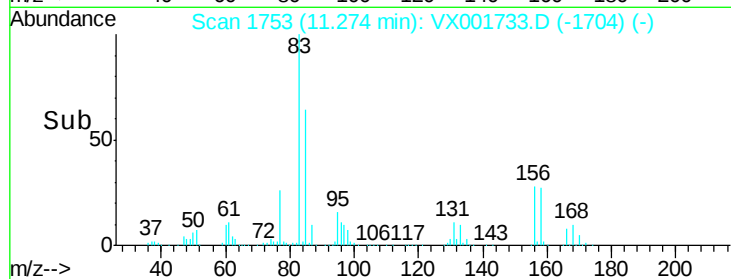
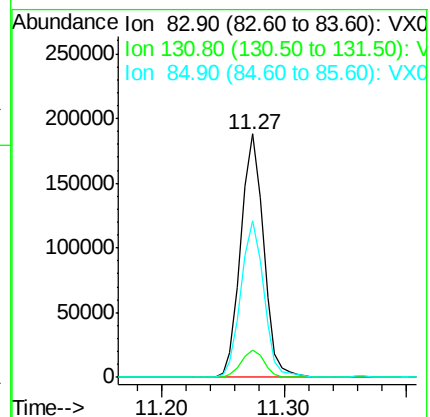
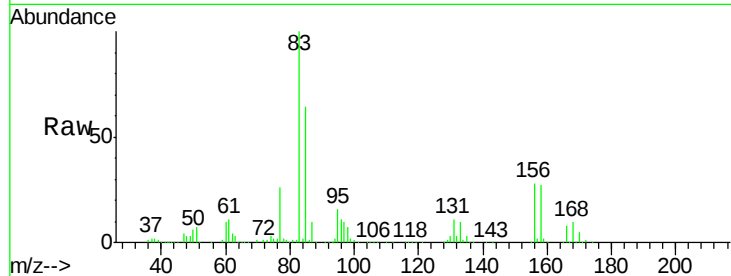
Tgt Ion: 83 Resp: 242724

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.0

85 64.7 32.7 98.1



#76

1,2,3-Trichloropropane

Concen: 61.41 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001733.D

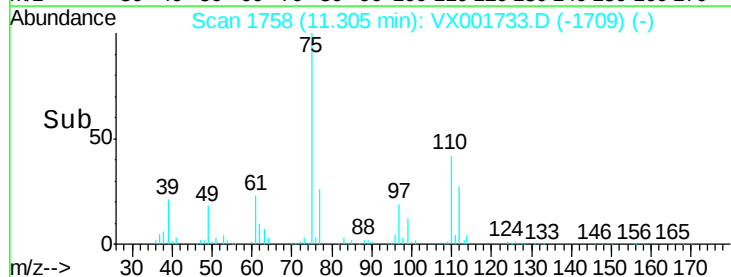
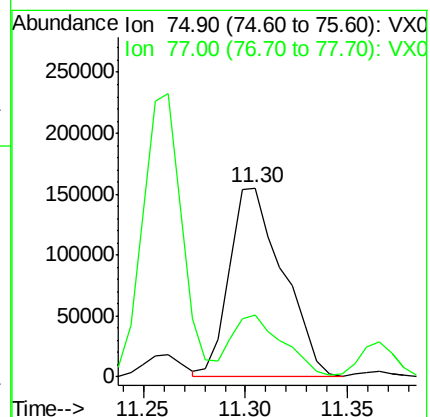
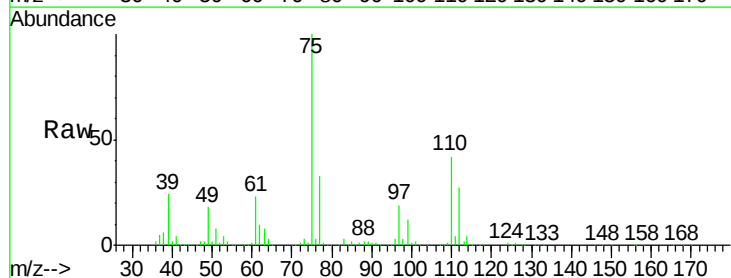
Acq: 15 May 2018 02:16

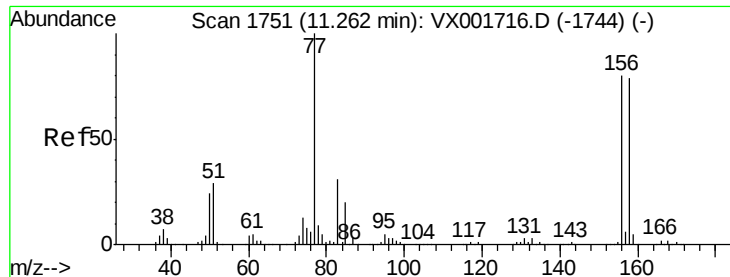
Tgt Ion: 75 Resp: 283308

Ion Ratio Lower Upper

75 100

77 31.1 18.9 56.7





#77

Bromobenzene

Concen: 51.04 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

MW-03MSD

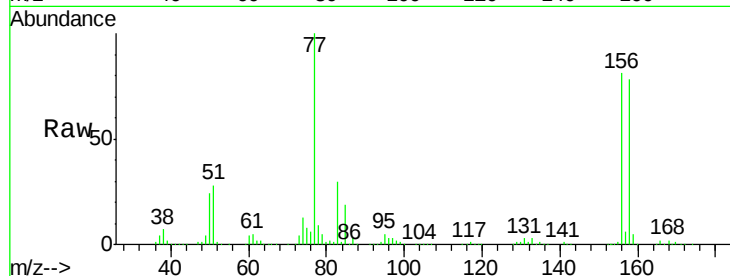
Tgt Ion:156 Resp: 239598

Ion Ratio Lower Upper

156 100

77 129.7 65.3 196.0

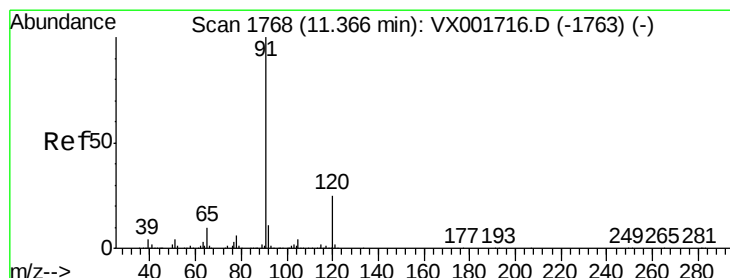
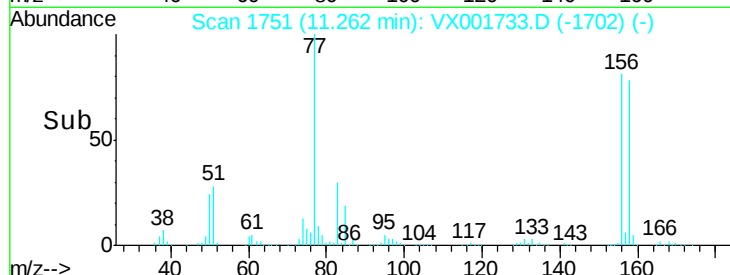
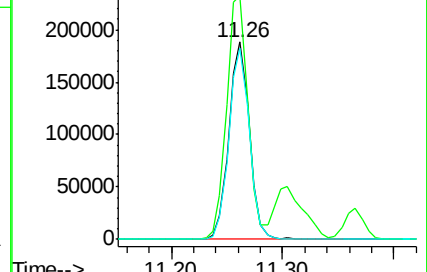
158 96.6 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.81 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001733.D

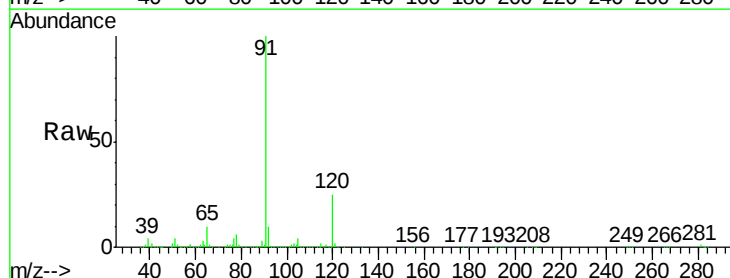
Acq: 15 May 2018 02:16

Tgt Ion: 91 Resp: 914618

Ion Ratio Lower Upper

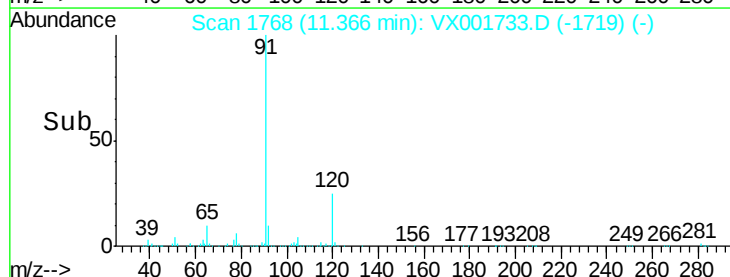
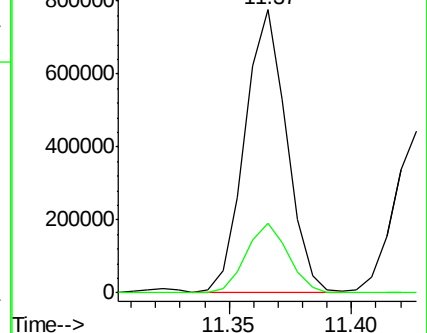
91 100

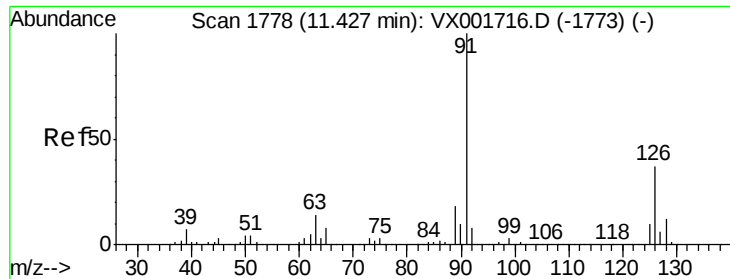
120 25.0 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

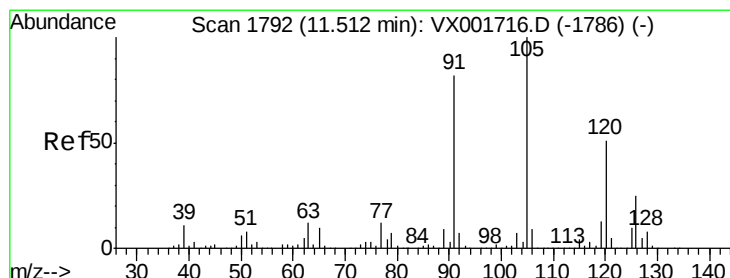
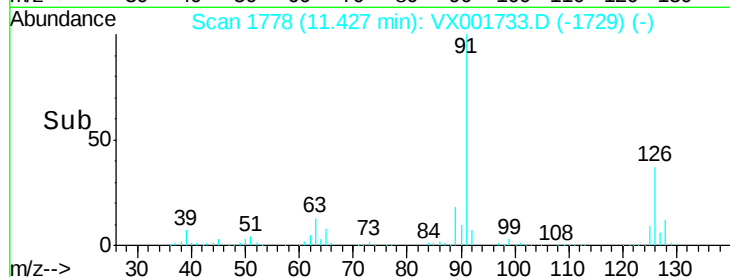
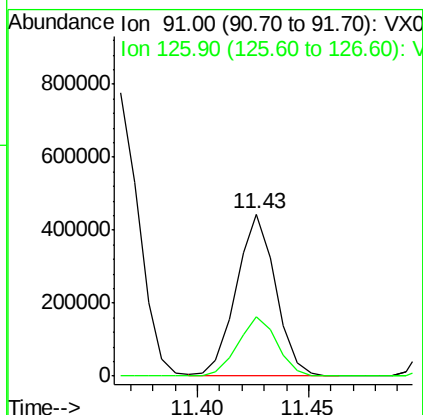
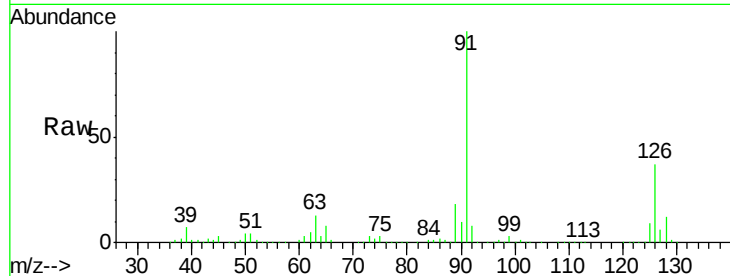




#79
 2-Chlorotoluene
 Concen: 50.32 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

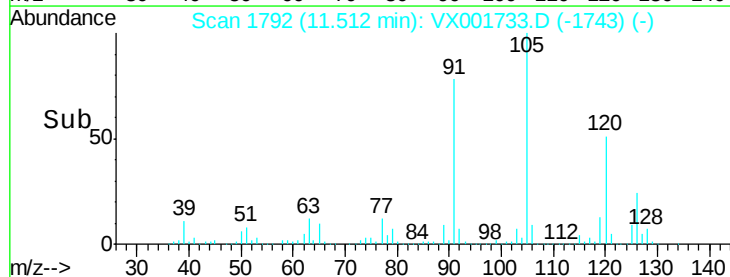
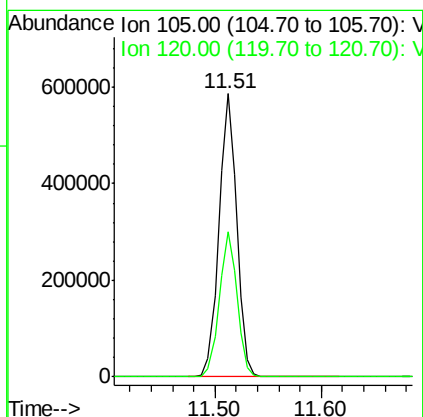
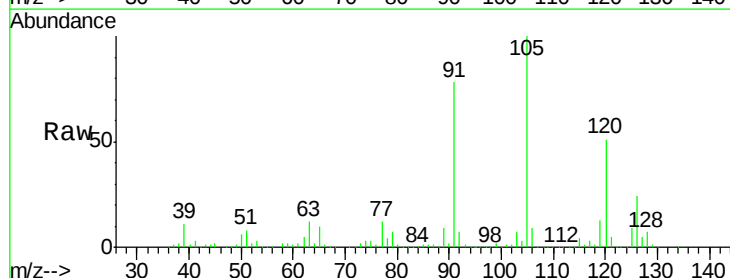
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MSD

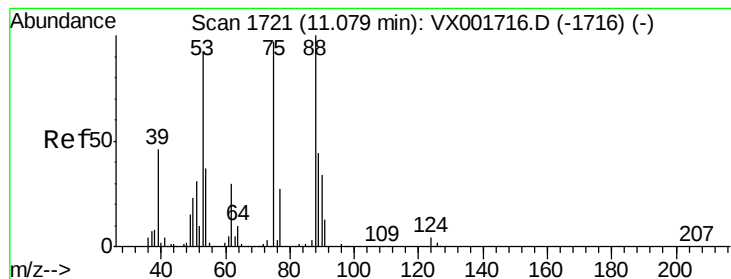
Tgt Ion: 91 Resp: 541658
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 51.82 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Tgt Ion: 105 Resp: 679225
 Ion Ratio Lower Upper
 105 100
 120 51.3 25.7 77.0





#81

trans-1,4-Dichloro-2-butene

Concen: 42.49 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampled :

MW-03MSD

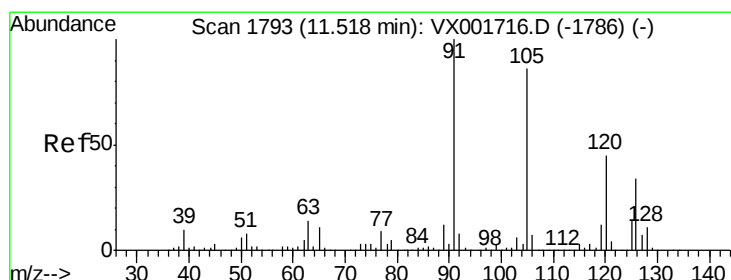
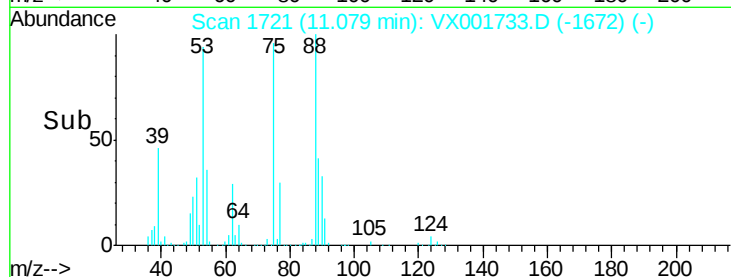
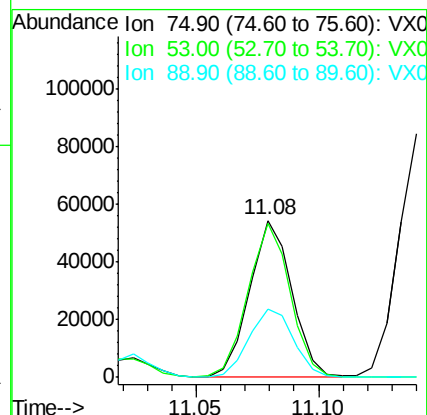
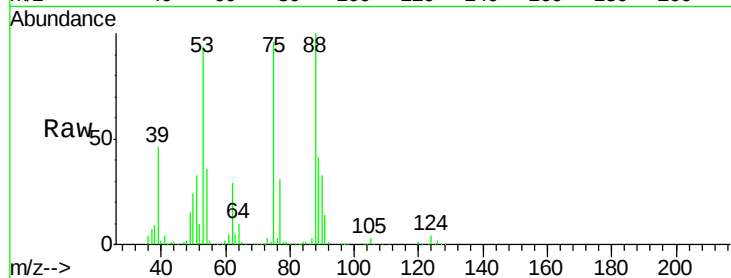
Tgt Ion: 75 Resp: 64949

Ion Ratio Lower Upper

75 100

53 97.9 79.4 119.2

89 46.1 38.8 58.2



#82

4-Chlorotoluene

Concen: 50.18 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001733.D

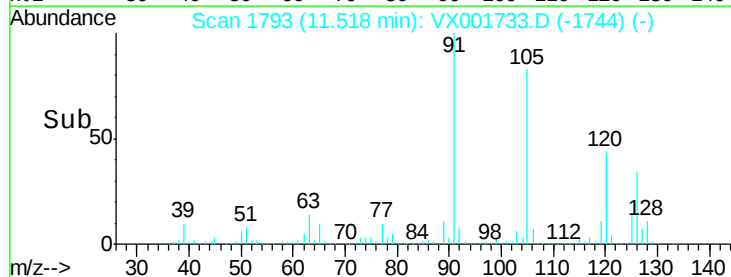
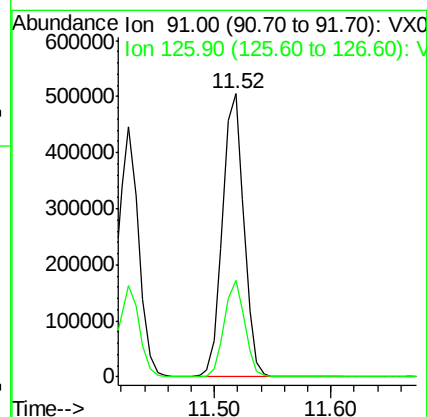
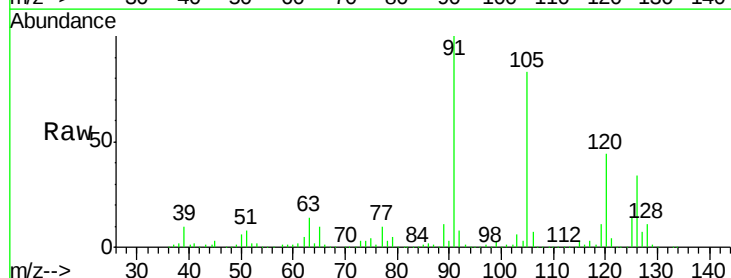
Acq: 15 May 2018 02:16

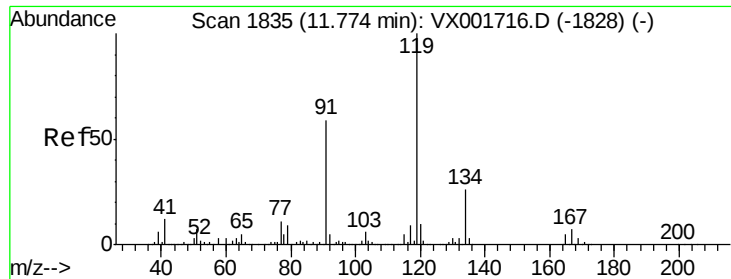
Tgt Ion: 91 Resp: 636305

Ion Ratio Lower Upper

91 100

126 32.8 16.4 49.1

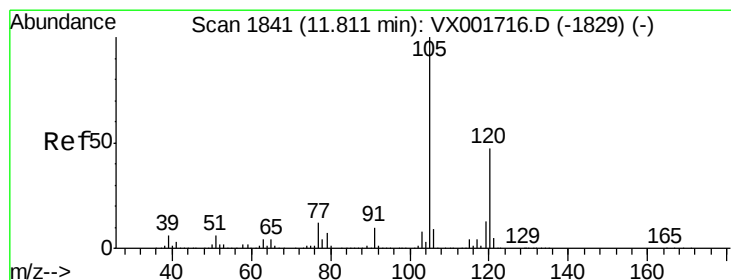
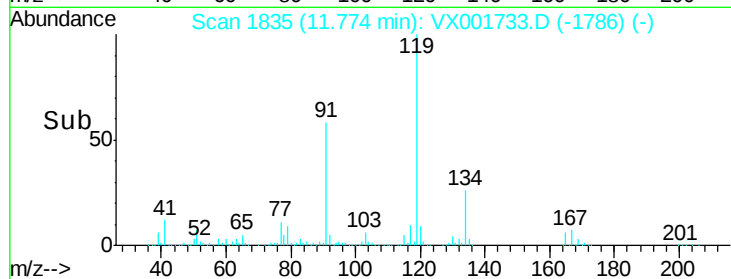
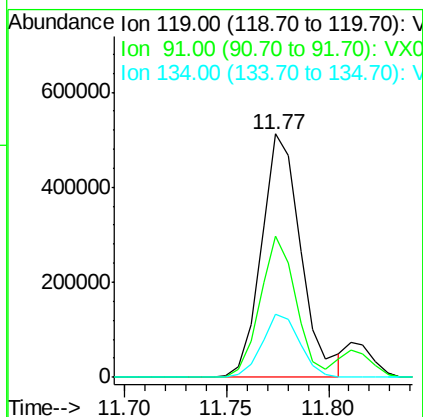
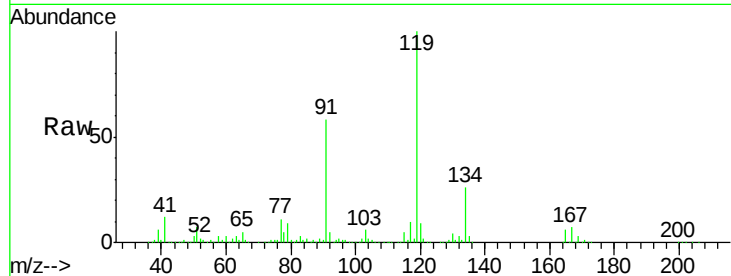




#83
 tert-Butylbenzene
 Concen: 52.96 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

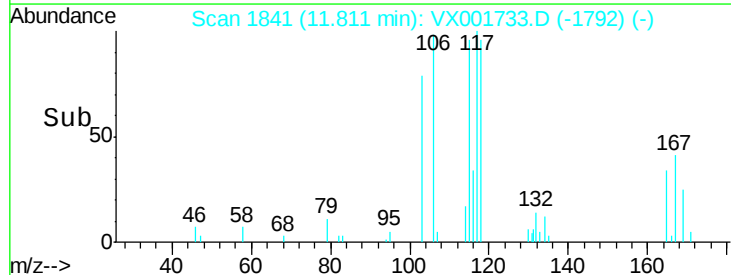
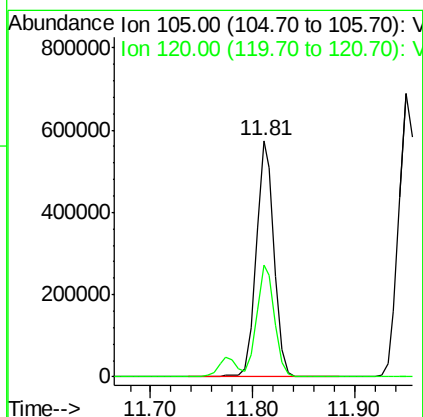
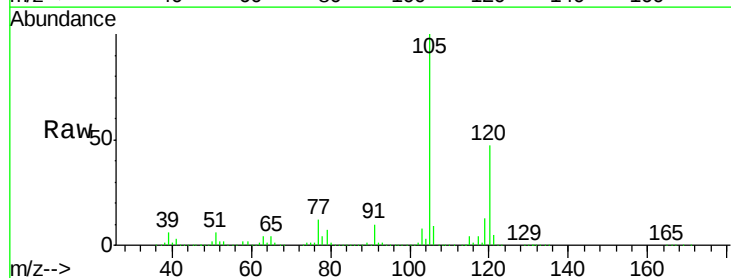
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MSD

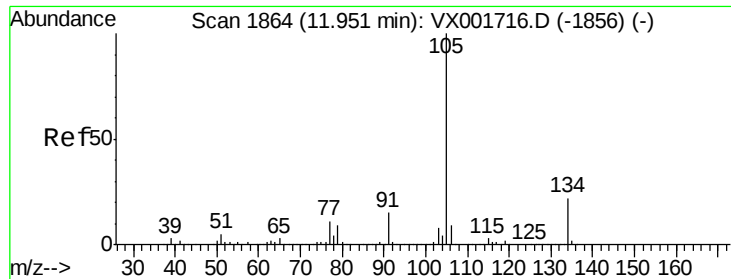
Tgt Ion:119 Resp: 690771
 Ion Ratio Lower Upper
 119 100
 91 52.7 27.7 83.0
 134 24.6 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.89 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Tgt Ion:105 Resp: 704359
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.5 70.5

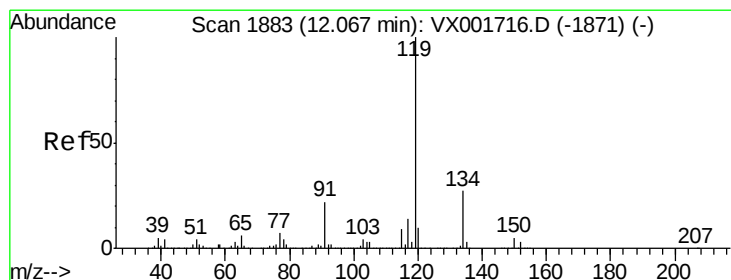
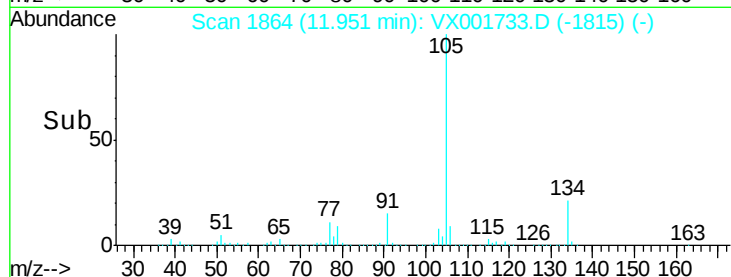
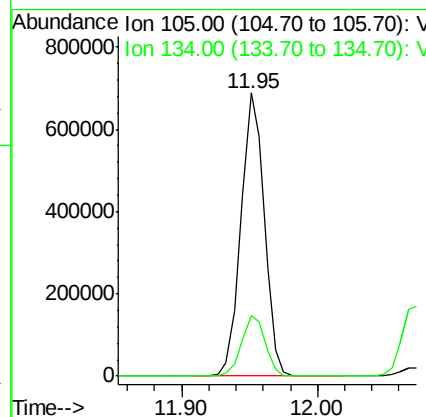
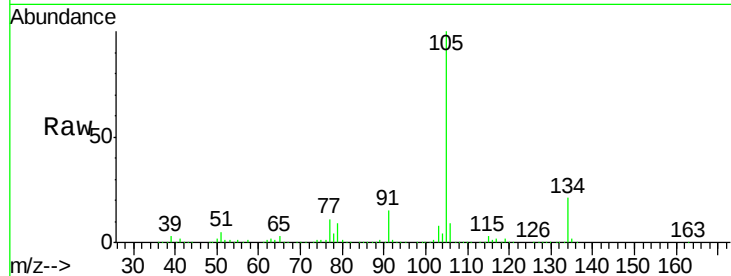




#85
 sec-Butylbenzene
 Concen: 50.95 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

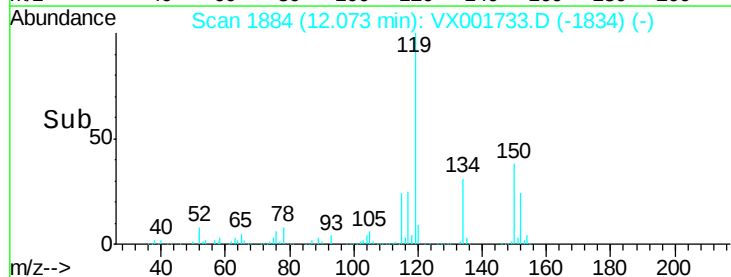
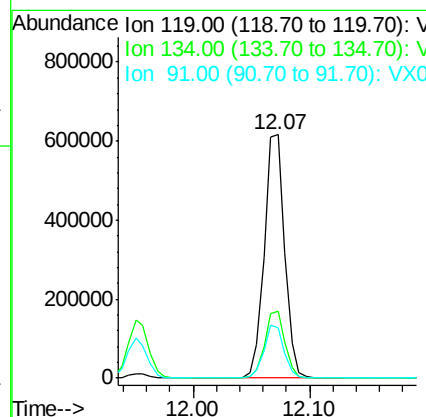
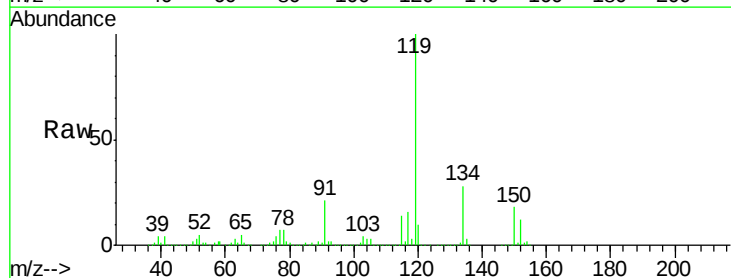
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MSD

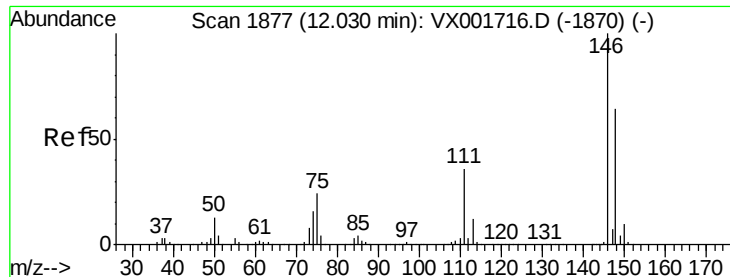
Tgt Ion:105 Resp: 820356
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.9 32.6



#86
 p-Isopropyltoluene
 Concen: 50.56 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Tgt Ion:119 Resp: 753314
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.6 40.8
 91 21.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 49.54 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

MW-03MSD

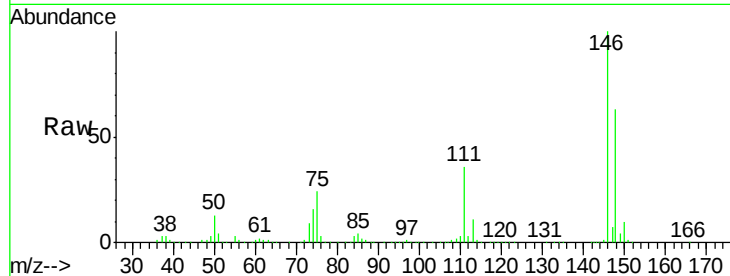
Tgt Ion:146 Resp: 430062

Ion Ratio Lower Upper

146 100

111 35.5 17.8 53.4

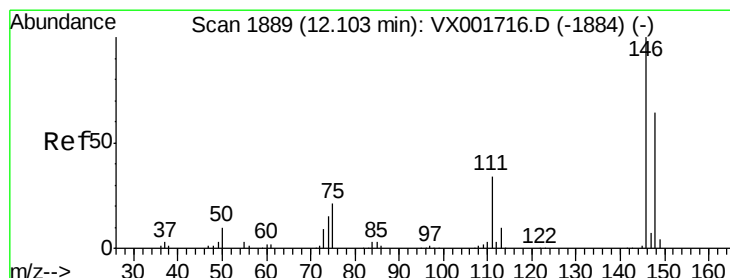
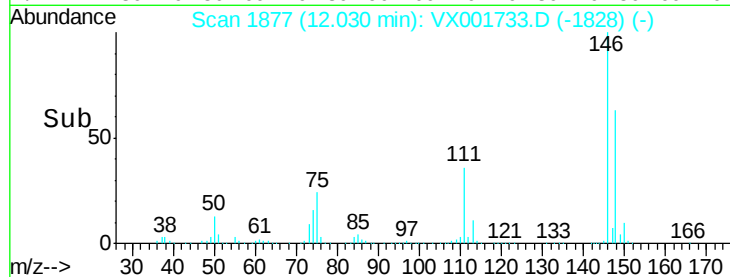
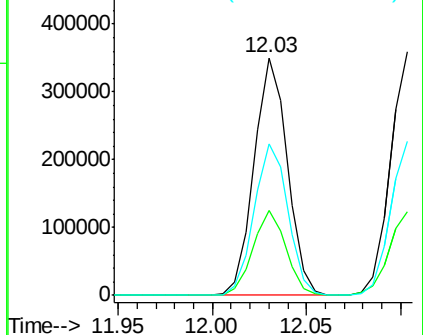
148 64.4 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.53 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

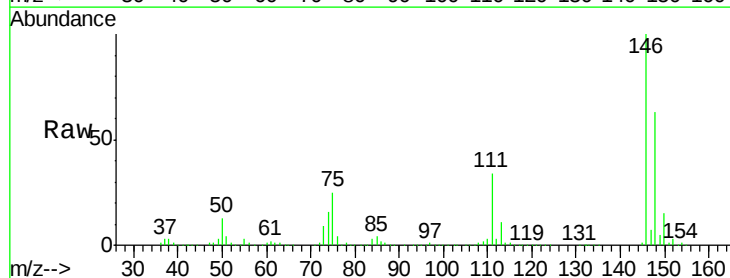
Tgt Ion:146 Resp: 435697

Ion Ratio Lower Upper

146 100

111 34.2 17.3 52.0

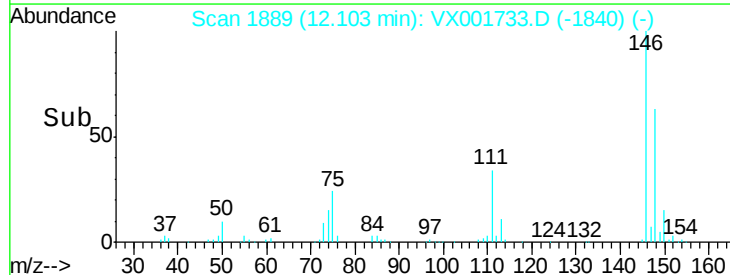
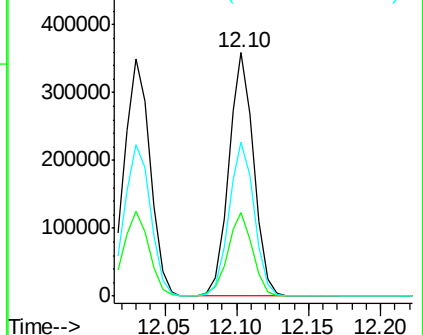
148 64.1 32.3 96.9

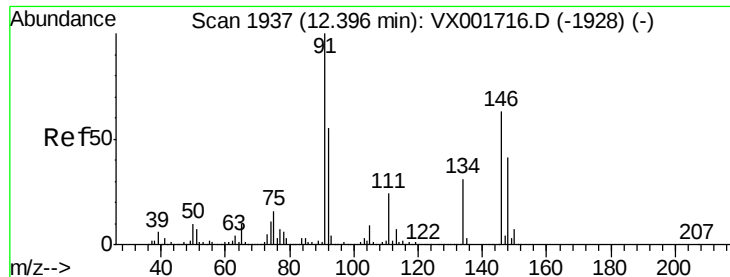


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 48.93 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

MW-03MSD

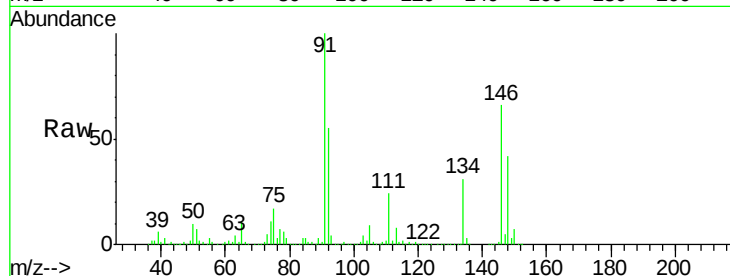
Tgt Ion: 91 Resp: 630476

Ion Ratio Lower Upper

91 100

92 54.9 27.3 81.9

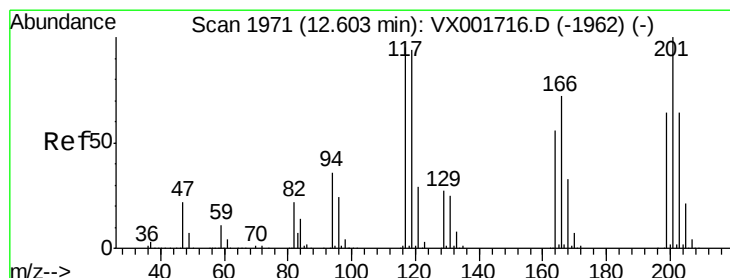
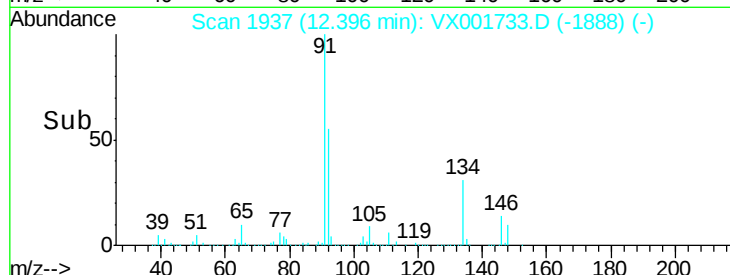
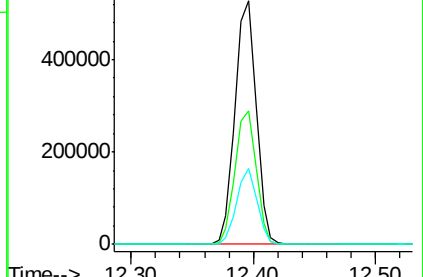
134 29.9 14.7 44.1



Abundance Ion 91.00 (90.70 to 91.70): VX001716.D (-1928) (-)

Ion 92.00 (91.70 to 92.70): VX001716.D (-1928) (-)

Ion 134.00 (133.70 to 134.70): VX001716.D (-1928) (-)



#90

Hexachloroethane

Concen: 52.74 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX001733.D

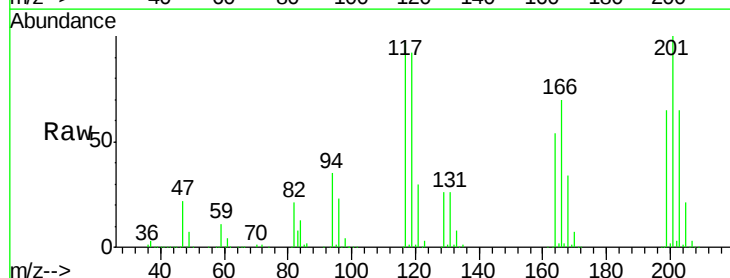
Acq: 15 May 2018 02:16

Tgt Ion: 117 Resp: 122028

Ion Ratio Lower Upper

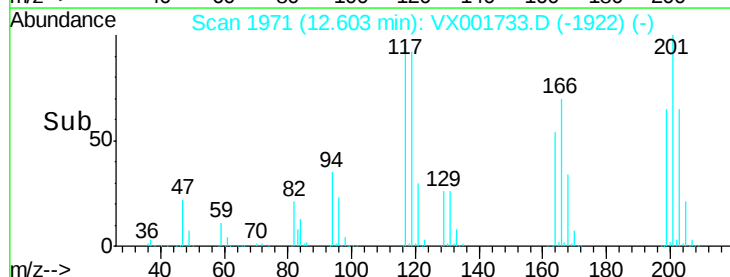
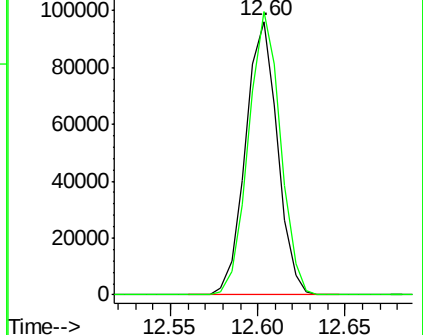
117 100

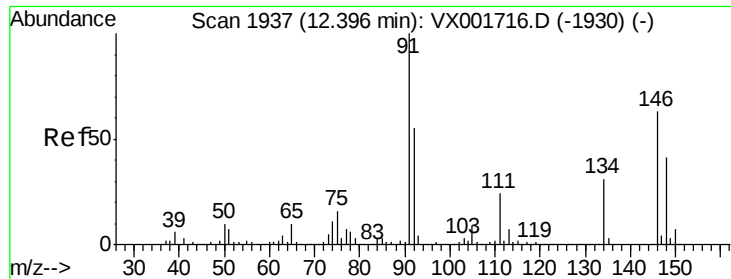
201 103.5 51.9 155.7



Abundance Ion 116.80 (116.50 to 117.50): VX001716.D (-1962) (-)

Ion 200.70 (200.40 to 201.40): VX001716.D (-1962) (-)

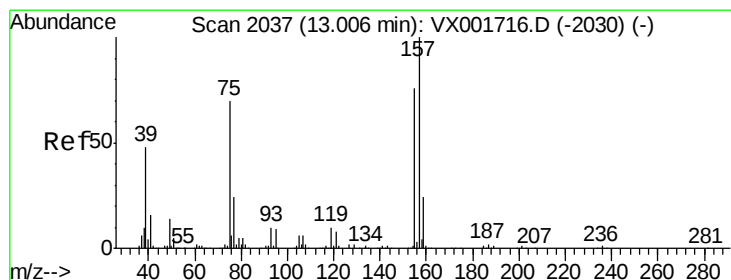
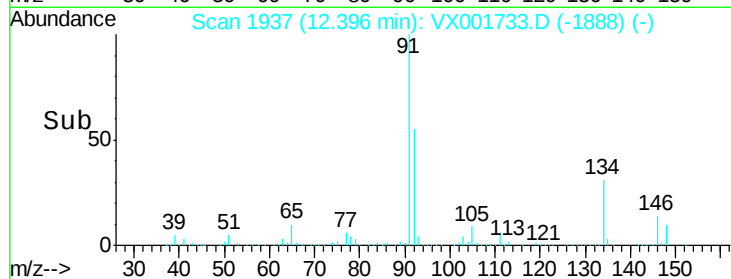
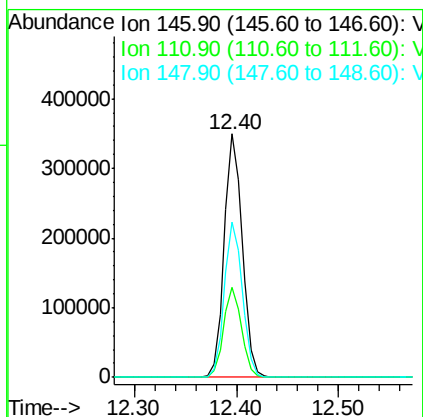
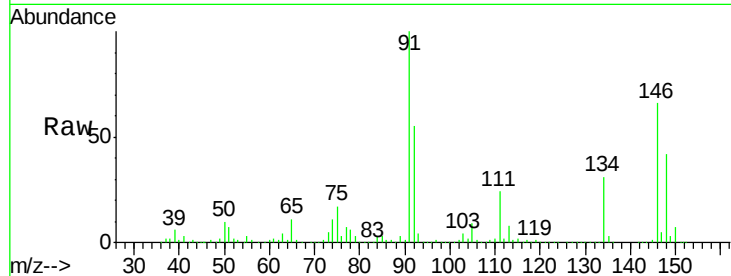




#91
 1,2-Dichlorobenzene
 Concen: 49.72 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

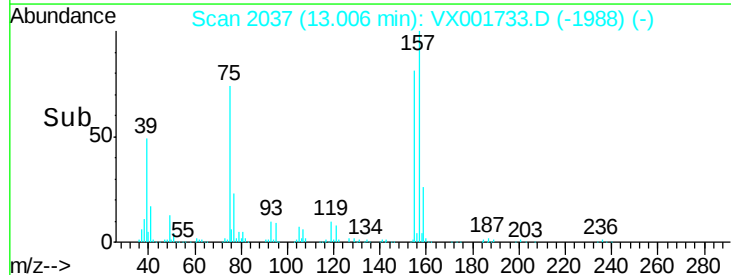
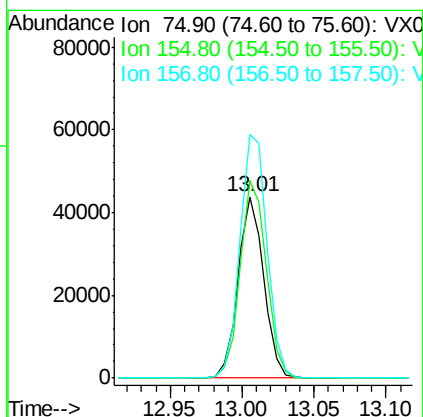
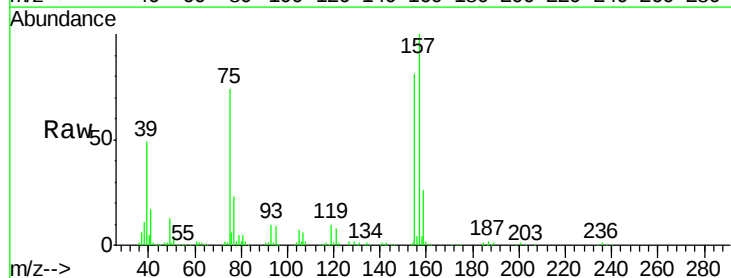
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MSD

Tgt Ion: 146 Resp: 430129
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.6 56.0
 148 63.8 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.10 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Tgt Ion: 75 Resp: 54319
 Ion Ratio Lower Upper
 75 100
 155 111.1 53.9 161.8
 157 141.2 71.0 213.2

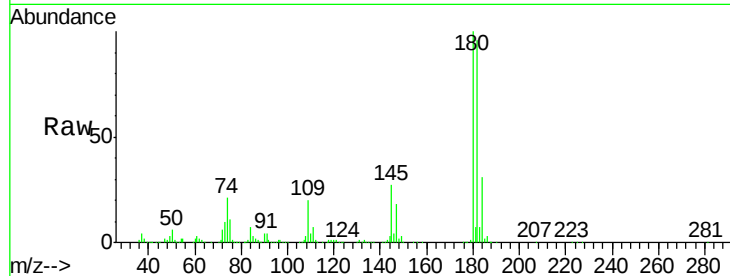




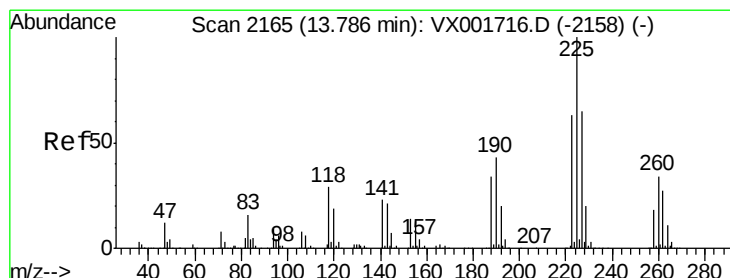
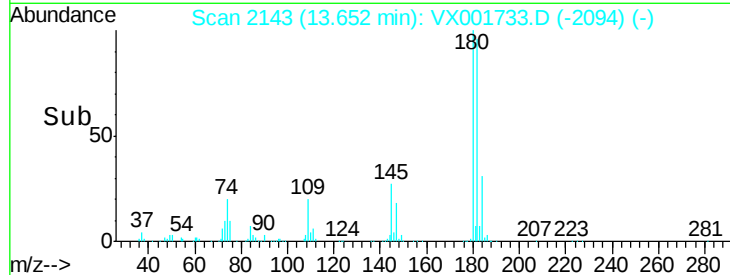
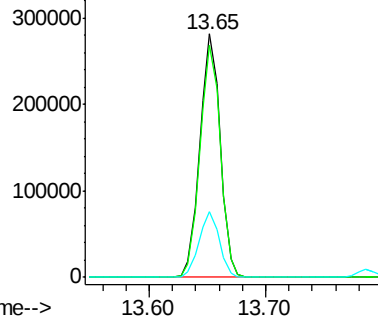
#93
 1,2,4-Trichlorobenzene
 Concen: 49.43 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MSD

Tgt Ion:180 Resp: 340805
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.6 142.9
 145 27.0 13.4 40.1

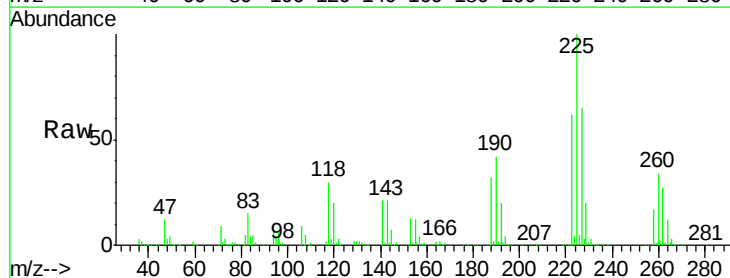


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

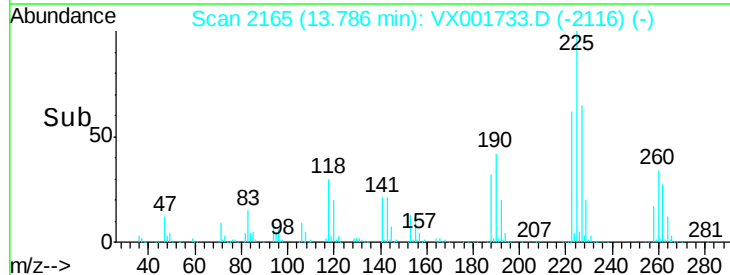
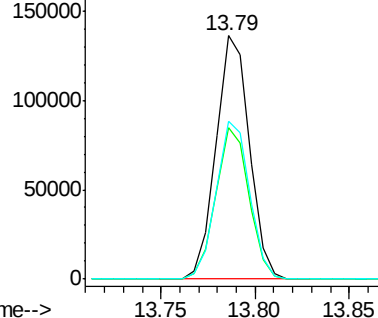


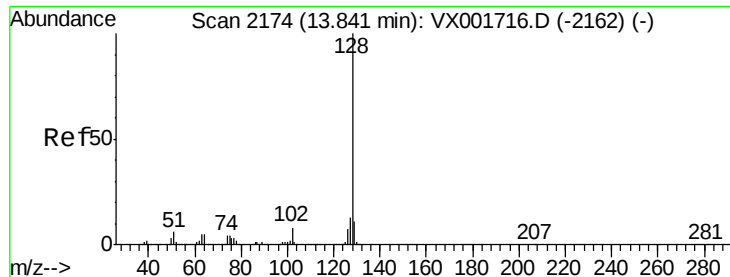
#94
 Hexachlorobutadiene
 Concen: 45.32 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Tgt Ion:225 Resp: 167771
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.1 93.5
 227 64.8 31.9 95.5



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





#95

Naphthalene

Concen: 53.33 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

MW-03MSD

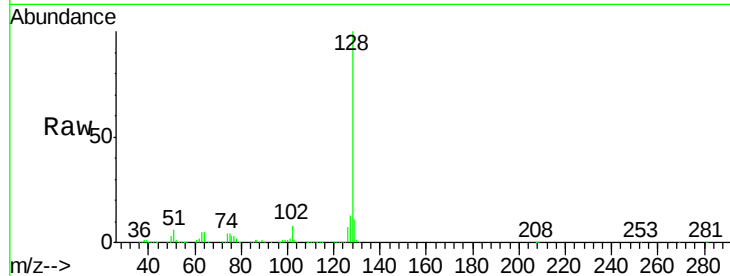
Tgt Ion:128 Resp: 955894

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

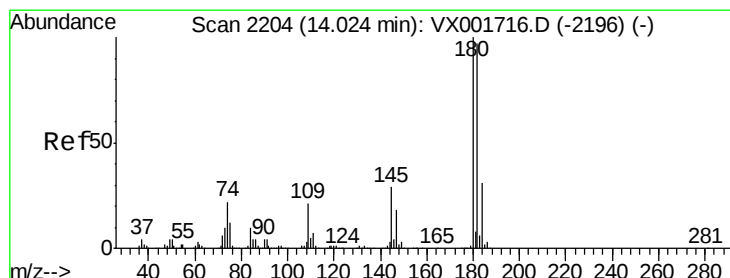
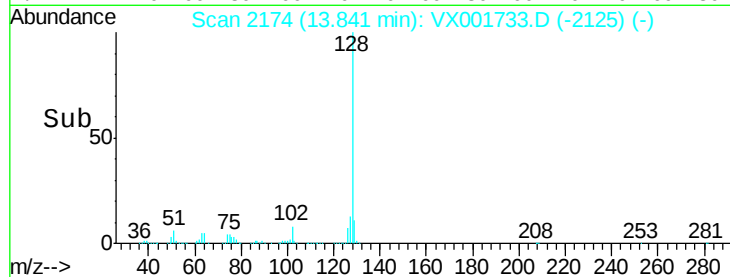
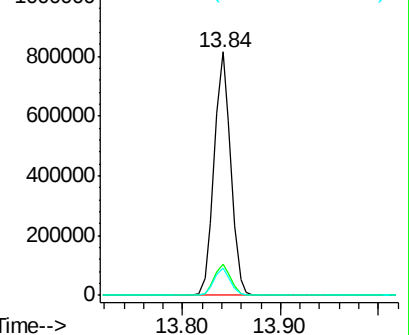
129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.78 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

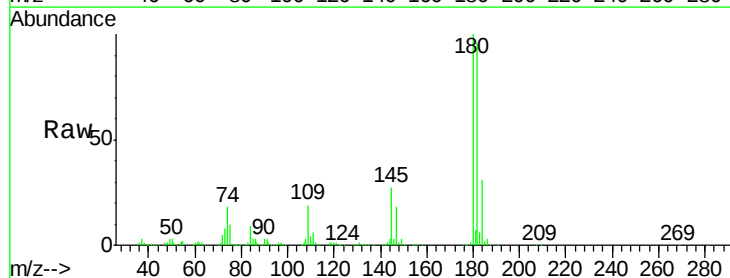
Tgt Ion:180 Resp: 345672

Ion Ratio Lower Upper

180 100

182 96.0 47.9 143.7

145 28.3 14.2 42.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

