

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080918\
 Data File : VX003962.D
 Acq On : 09 Aug 2018 20:23
 Operator : JC/MD
 Sample : J4379-14MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103SMSD

Quant Time: Aug 10 01:07:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	324665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	485056	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	459294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	262927	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	209713	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	
35) Dibromofluoromethane	5.51	113	178106	48.47	ug/l	0.00
Spiked Amount			Recovery	=	96.94%	
50) Toluene-d8	8.72	98	671289	46.98	ug/l	0.00
Spiked Amount			Recovery	=	93.96%	
62) 4-Bromofluorobenzene	11.14	95	254576	55.06	ug/l	0.00
Spiked Amount			Recovery	=	110.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	153344	46.61	ug/l	99
3) Chloromethane	1.32	50	184046	41.12	ug/l	99
4) Vinyl Chloride	1.40	62	206605	46.28	ug/l	98
5) Bromomethane	1.64	94	79654	32.56	ug/l	98
6) Chloroethane	1.71	64	155036	54.28	ug/l	97
7) Trichlorofluoromethane	1.92	101	281556	47.77	ug/l	100
8) Diethyl Ether	2.19	74	130578	49.29	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	171930	46.67	ug/l	100
10) Methyl Iodide	2.51	142	146182	31.90	ug/l	100
11) Tert butyl alcohol	3.08	59	288458	278.93	ug/l	100
12) 1,1-Dichloroethene	2.37	96	168077	48.23	ug/l	96
13) Acrolein	2.29	56	107480	200.86	ug/l	99
14) Allyl chloride	2.72	41	318062	47.35	ug/l	96
15) Acrylonitrile	3.15	53	628710	254.78	ug/l	100
16) Acetone	2.45	43	655663	256.08	ug/l	100
17) Carbon Disulfide	2.56	76	478380	48.45	ug/l	99
18) Methyl Acetate	2.78	43	282581	50.69	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	618540	50.09	ug/l	98
20) Methylene Chloride	2.85	84	199912	49.53	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	185146	46.80	ug/l	98
22) Diisopropyl ether	3.87	45	602811	48.82	ug/l	100
23) Vinyl Acetate	3.82	43	2454615	238.92	ug/l	99
24) 1,1-Dichloroethane	3.70	63	357921	48.80	ug/l	99
25) 2-Butanone	4.71	43	1054604	273.95	ug/l	99
26) 2,2-Dichloropropane	4.59	77	193645	36.61	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	218229	50.84	ug/l	94
28) Bromochloromethane	5.02	49	158401	50.47	ug/l	99
29) Tetrahydrofuran	5.17	42	526169	265.93	ug/l	100
30) Chloroform	5.21	83	344390	49.87	ug/l	98
31) Cyclohexane	5.57	56	297601	47.98	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	293349	50.66	ug/l	100
36) 1,1-Dichloropropene	5.80	75	260568	47.96	ug/l	100
37) Ethyl Acetate	4.87	43	294193	49.23	ug/l	100
38) Carbon Tetrachloride	5.78	117	257748	49.85	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	293205	45.78	ug/l	99
40) Benzene	6.14	78	850590	52.14	ug/l	100
41) Methacrylonitrile	5.07	41	169442	51.48	ug/l	99
42) 1,2-Dichloroethane	6.20	62	274901	49.84	ug/l	100
43) Isopropyl Acetate	6.47	43	455851	50.69	ug/l	100
44) Trichloroethene	7.21	130	212312	47.59	ug/l	91
45) 1,2-Dichloropropane	7.52	63	205620	48.81	ug/l	100
46) Dibromomethane	7.67	93	134103	49.03	ug/l	99
47) Bromodichloromethane	7.90	83	259865	50.44	ug/l	100
48) Methyl methacrylate	7.78	41	241152	52.75	ug/l	98
49) 1,4-Dioxane	7.76	88	119248	1107.34	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2097834	281.43	ug/l	100
52) Toluene	8.79	92	511490	49.62	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	285241	48.98	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	301971	48.09	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	209445	49.73	ug/l	99
56) Ethyl methacrylate	9.18	69	328708	53.79	ug/l	100
57) 1,3-Dichloropropane	9.37	76	354232	50.25	ug/l	100
59) 2-Hexanone	9.50	43	1646858	295.56	ug/l	99
60) Dibromochloromethane	9.59	129	212539	54.12	ug/l	100
61) 1,2-Dibromoethane	9.68	107	221632	52.56	ug/l	99
64) Tetrachloroethene	9.34	164	189870	42.02	ug/l	95
65) Chlorobenzene	10.14	112	570387	47.73	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	203465	49.52	ug/l	98
67) Ethyl Benzene	10.26	91	968606	49.51	ug/l	99
68) m/p-Xylenes	10.36	106	767621	100.42	ug/l	97
69) o-Xylene	10.70	106	371632	51.50	ug/l	97
70) Styrene	10.71	104	613631	51.94	ug/l	98
71) Bromoform	10.86	173	172281	49.49	ug/l	99
73) Isopropylbenzene	11.02	105	985025	50.64	ug/l	96
74) N-amyl acetate	6.47	43	455851	45.07	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	341654	51.25	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	376947	64.91	ug/l	85
77) Bromobenzene	11.26	156	260415	50.19	ug/l	98
78) n-propylbenzene	11.36	91	1118215	51.20	ug/l	100
79) 2-Chlorotoluene	11.42	91	663928	49.86	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	818510	51.61	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	88182	41.69	ug/l	98
82) 4-Chlorotoluene	11.51	91	775872	49.73	ug/l	100
83) tert-Butylbenzene	11.77	119	832568	53.36	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	851494	53.39	ug/l	99
85) sec-Butylbenzene	11.95	105	970041	52.68	ug/l	100
86) p-Isopropyltoluene	12.07	119	842385	50.98	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	465778	48.56	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	467351	50.82	ug/l	99
89) n-Butylbenzene	12.39	91	670300	46.55	ug/l	99
90) Hexachloroethane	12.60	117	128623	47.94	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	440735	46.36	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	69976	51.24	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	337734	49.39	ug/l	99

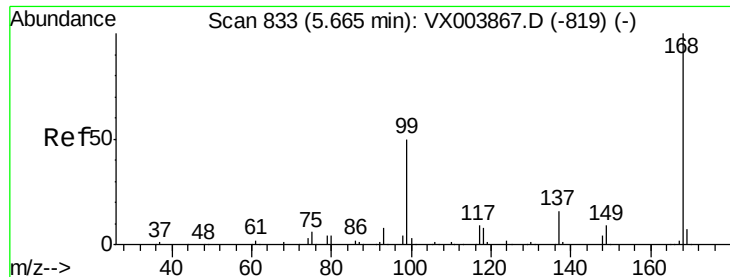
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Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	158350	52.47	ug/l	99
95) Naphthalene	13.83	128	1452464	74.17	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	367771	53.90	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

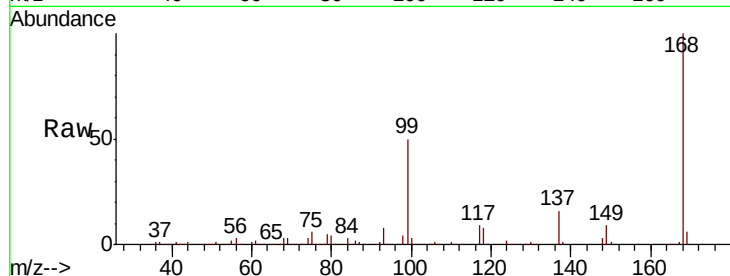
MW-103SMSD

Tot Ion:168 Resp: 324665

Ion Ratio Lower Upper

168 100

99 49.6 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

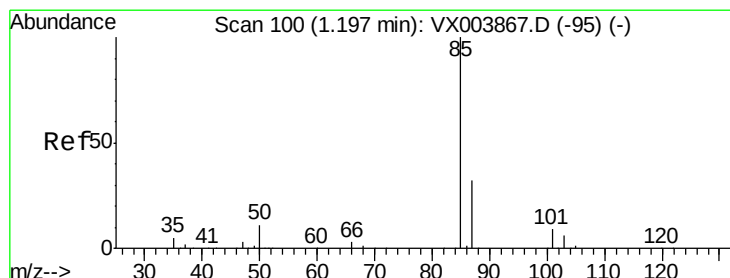
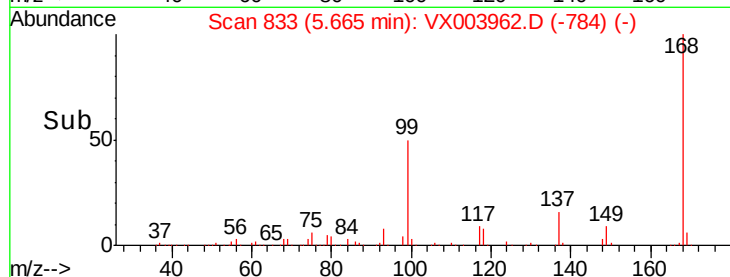
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 46.61 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX003962.D

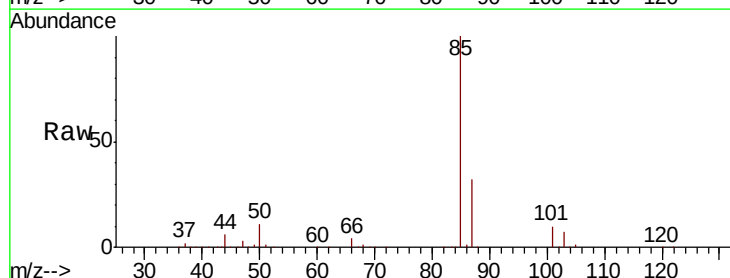
Acq: 09 Aug 2018 20:23

Tgt Ion: 85 Resp: 153344

Ion Ratio Lower Upper

85 100

87 32.3 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

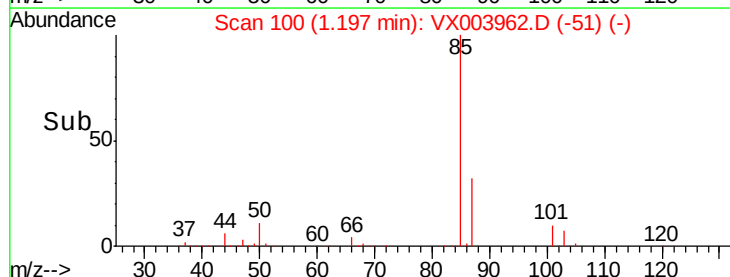
150000

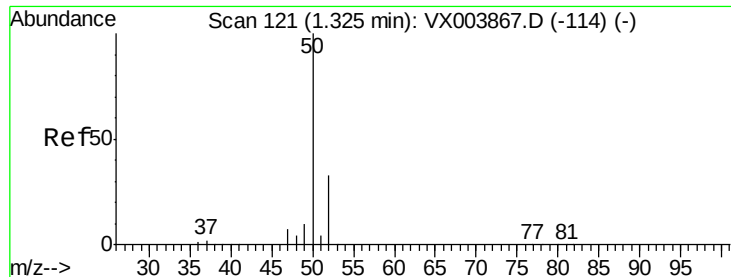
100000

50000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 41.12 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

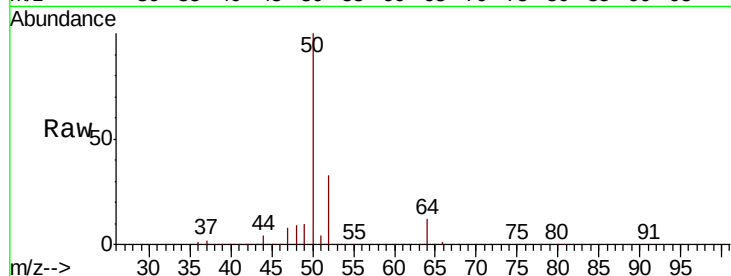
MW-103SMSD

Tot Ion: 50 Resp: 184046

Ion Ratio Lower Upper

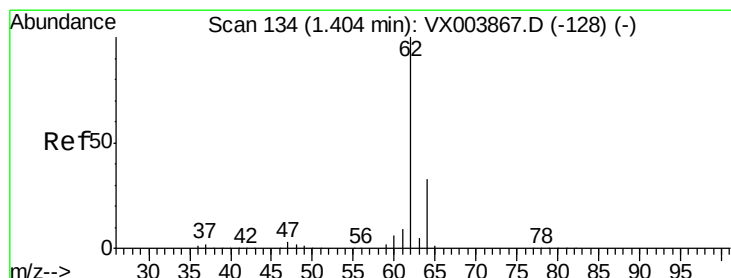
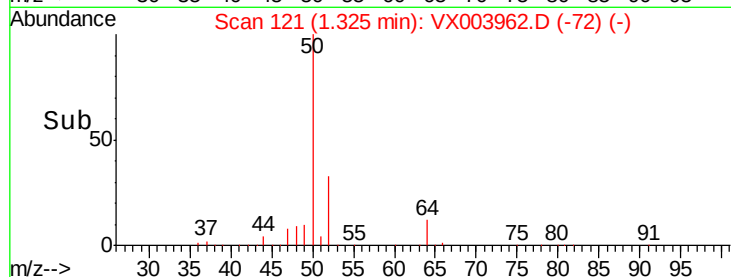
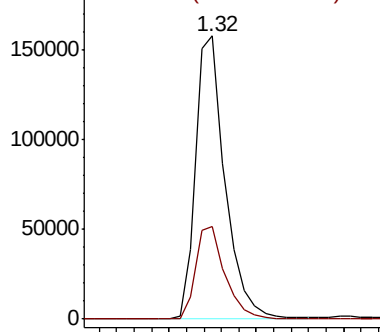
50 100

52 32.7 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.28 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003962.D

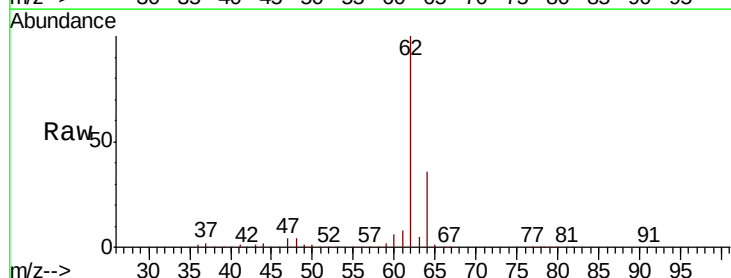
Acq: 09 Aug 2018 20:23

Tgt Ion: 62 Resp: 206605

Ion Ratio Lower Upper

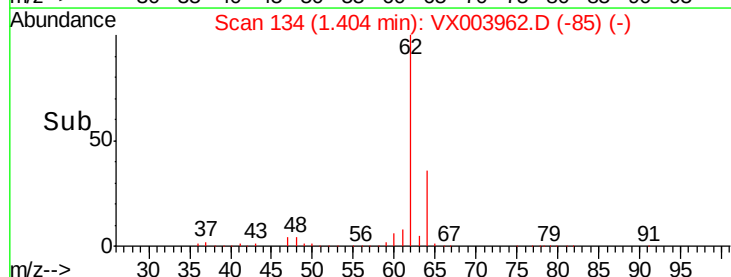
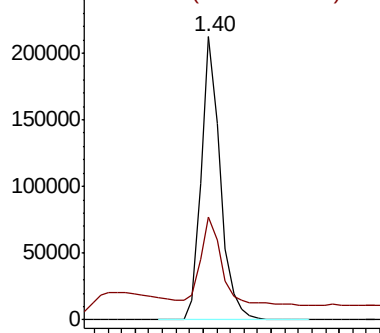
62 100

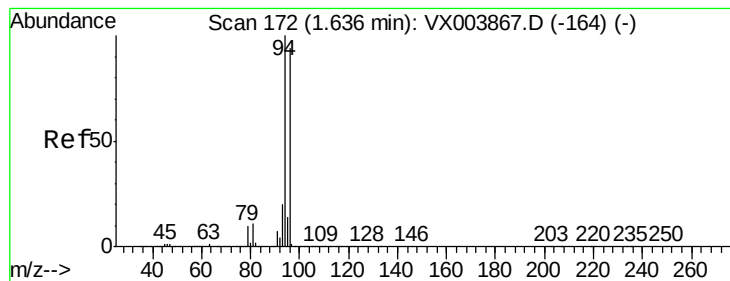
64 31.2 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 32.56 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

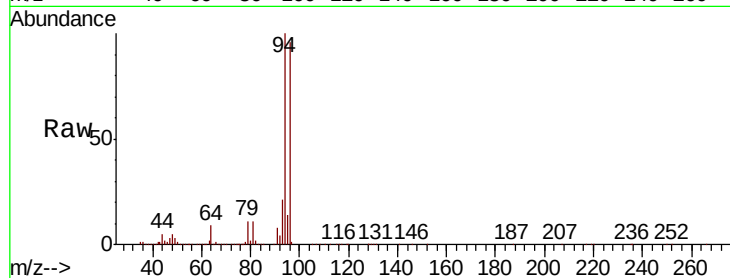
MW-103SMSD

Tot Ion: 94 Resp: 79654

Ion Ratio Lower Upper

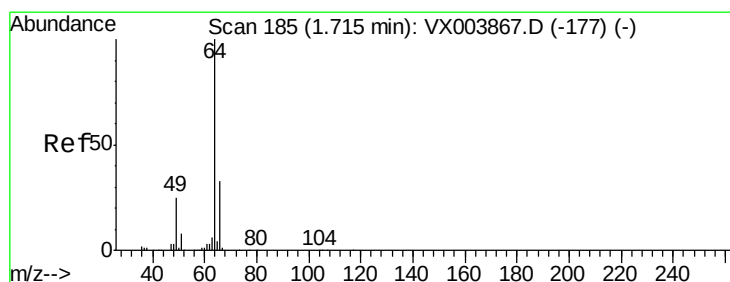
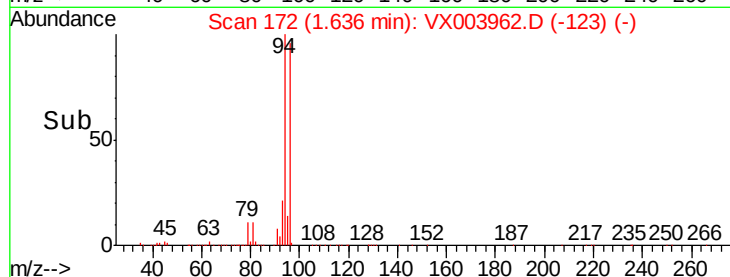
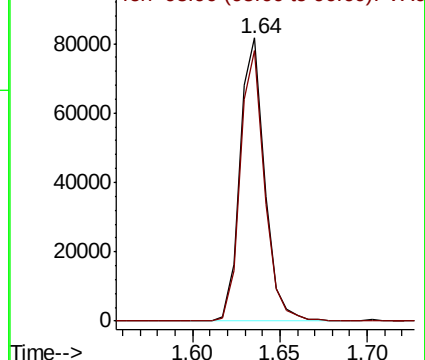
94 100

96 95.6 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.28 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.00 min

Lab File: VX003962.D

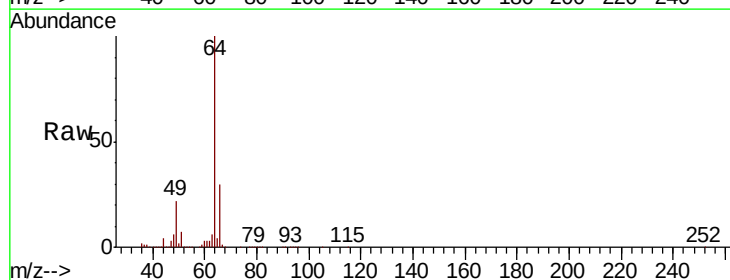
Acq: 09 Aug 2018 20:23

Tgt Ion: 64 Resp: 155036

Ion Ratio Lower Upper

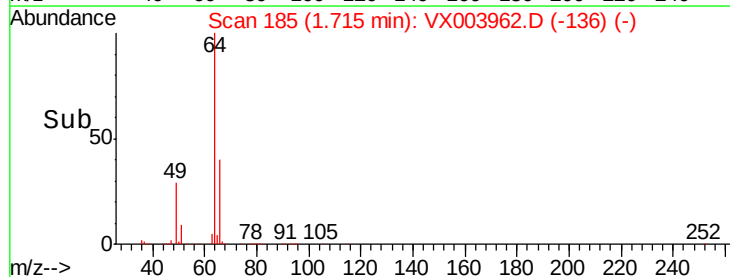
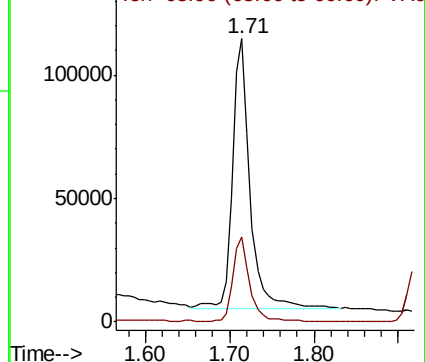
64 100

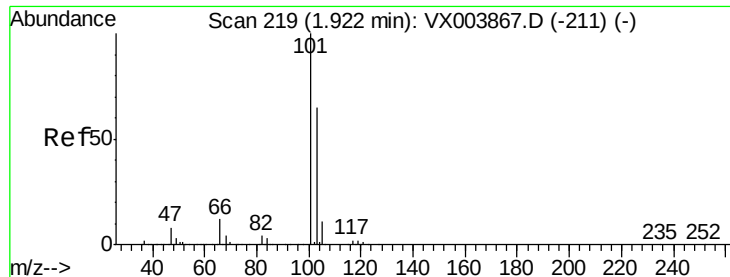
66 31.4 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



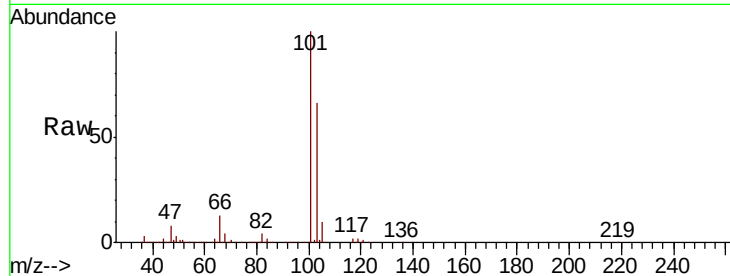


#7

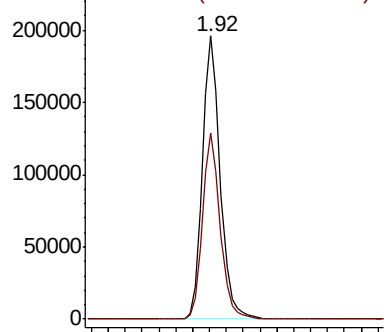
Trichlorofluoromethane
 Concen: 47.77 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

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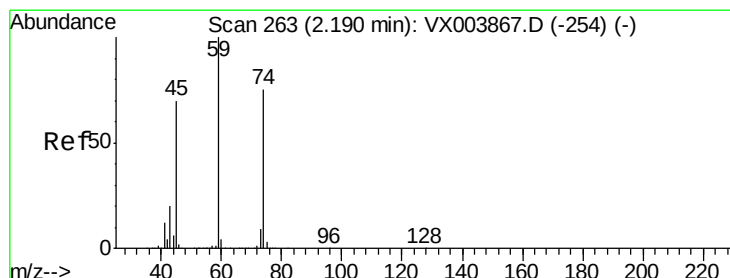
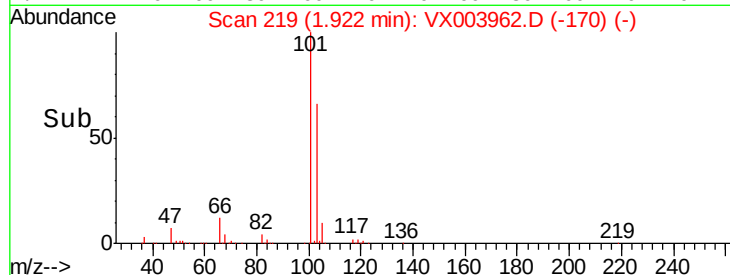
Tot Ion:101 Resp: 281556
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



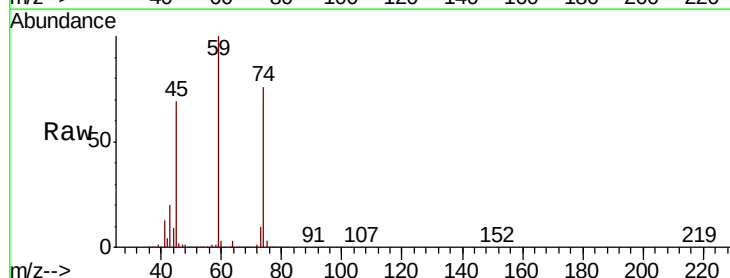
Time--> 1.80 1.90 2.00 2.10



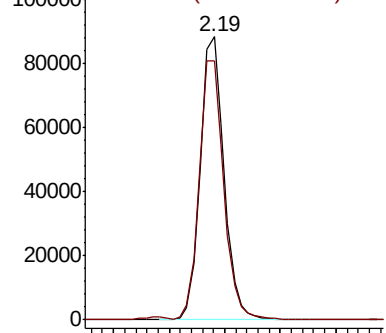
#8

Diethyl Ether
 Concen: 49.29 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

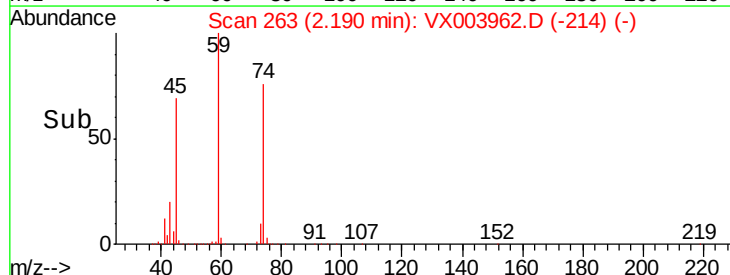
Tgt Ion: 74 Resp: 130578
 Ion Ratio Lower Upper
 74 100
 45 94.0 48.3 144.9

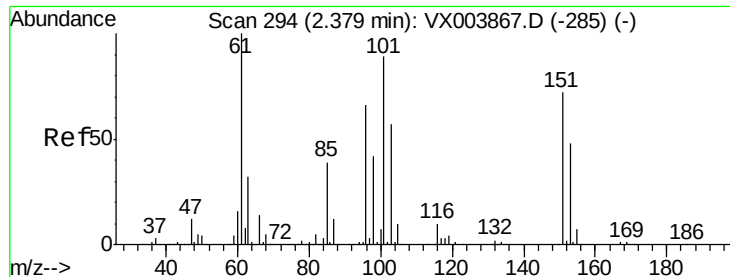


Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0



Time--> 2.10 2.15 2.20 2.25 2.30





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.67 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

MW-103SMSD

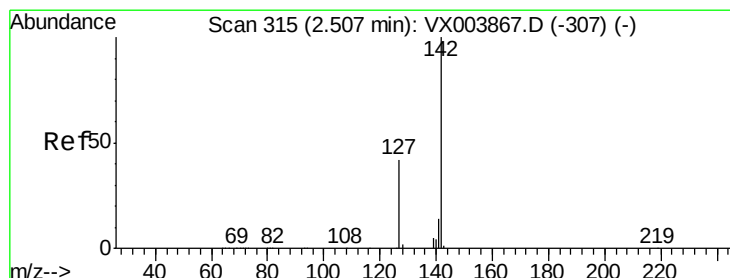
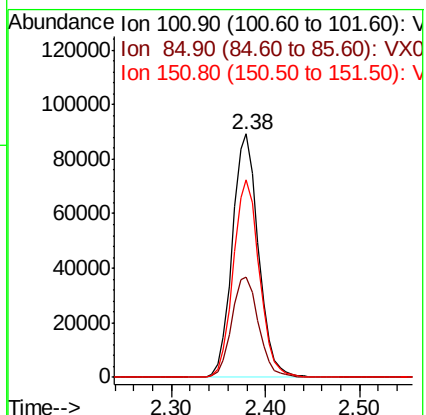
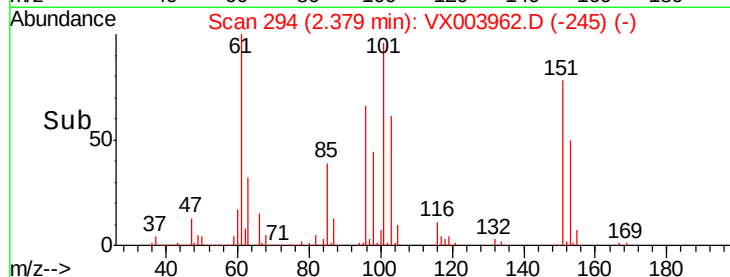
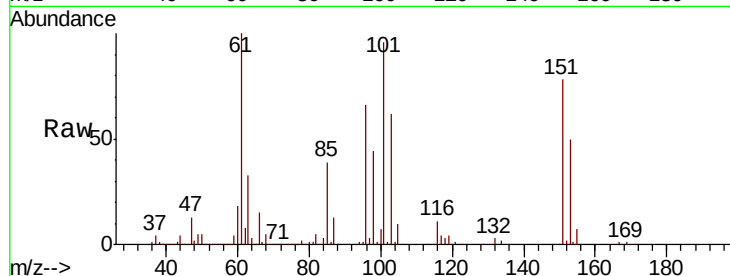
Tot Ion:101 Resp: 171930

Ion Ratio Lower Upper

101 100

85 42.4 34.2 51.4

151 81.4 65.0 97.4



#10

Methyl Iodide

Concen: 31.90 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

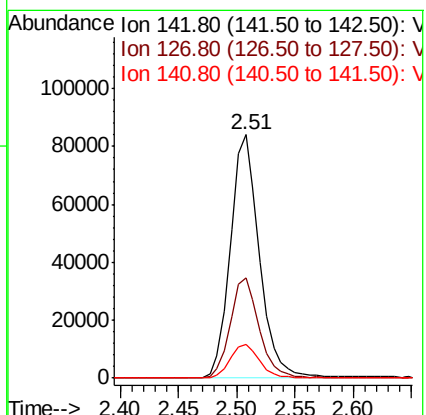
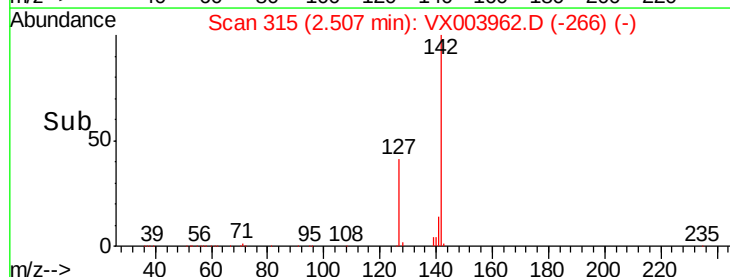
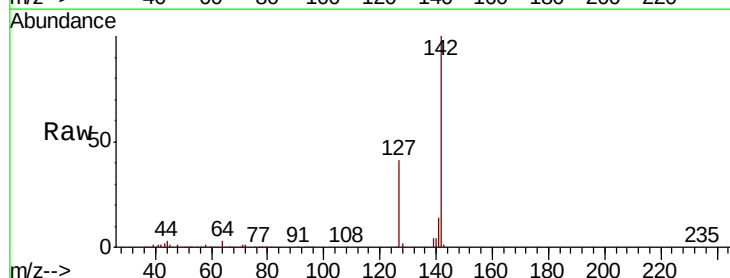
Tgt Ion:142 Resp: 146182

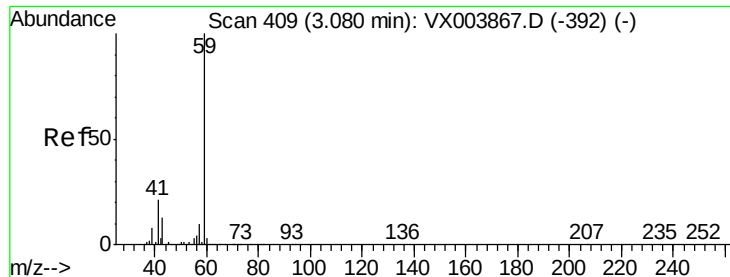
Ion Ratio Lower Upper

142 100

127 41.5 33.1 49.7

141 14.2 11.1 16.7





#11

Tert butyl alcohol

Concen: 278.93 ug/l

RT: 3.08 min Scan# 409

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

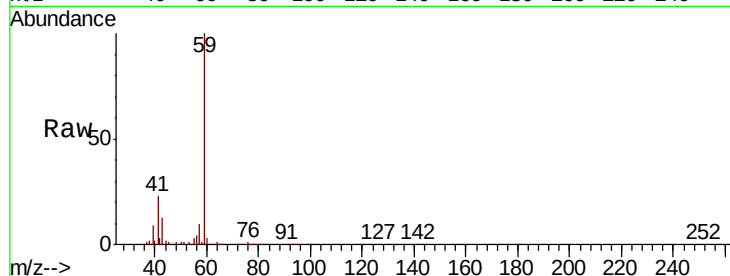
MW-103SMSD

Tot Ion: 59 Resp: 288458

Ion Ratio Lower Upper

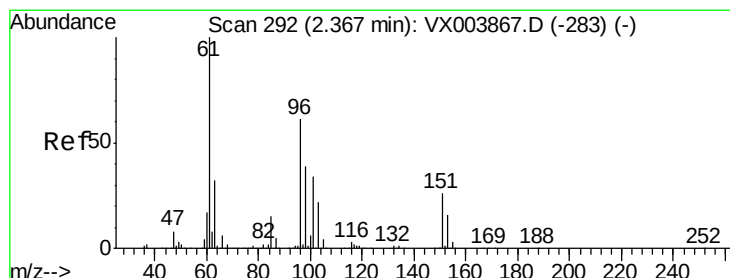
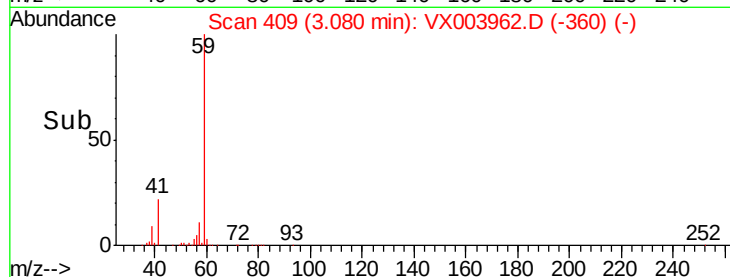
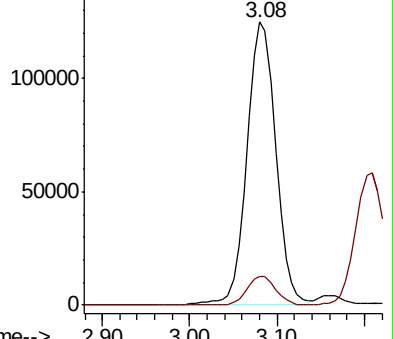
59 100

57 10.3 8.1 12.1



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 48.23 ug/l

RT: 2.37 min Scan# 292

Delta R.T. -0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

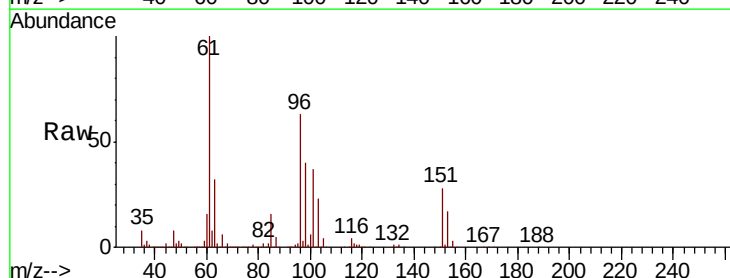
Tgt Ion: 96 Resp: 168077

Ion Ratio Lower Upper

96 100

61 157.8 131.3 196.9

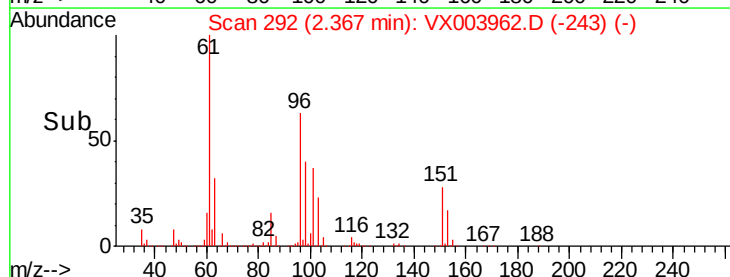
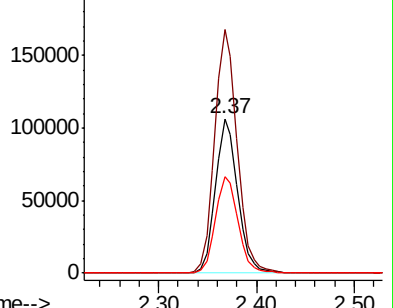
98 62.6 51.8 77.6

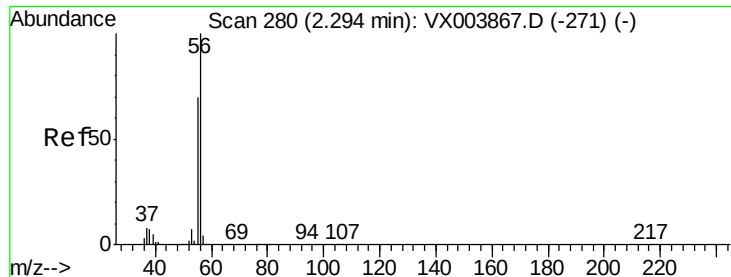


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 200.86 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

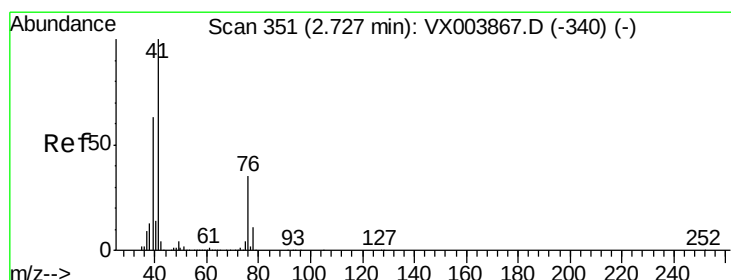
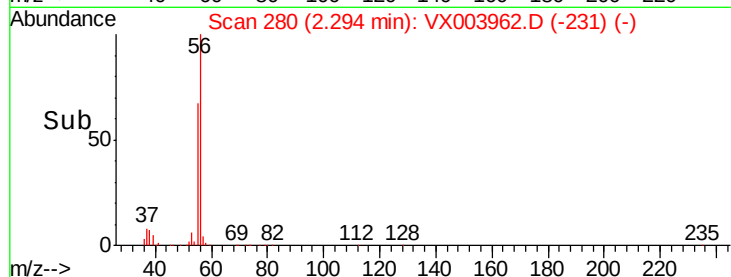
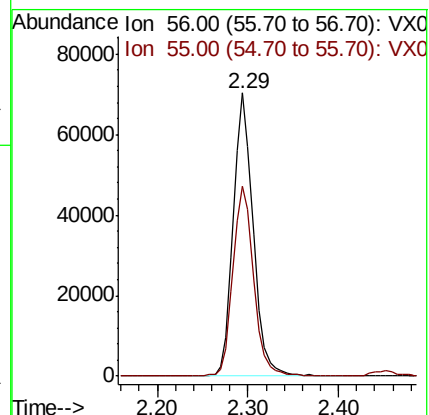
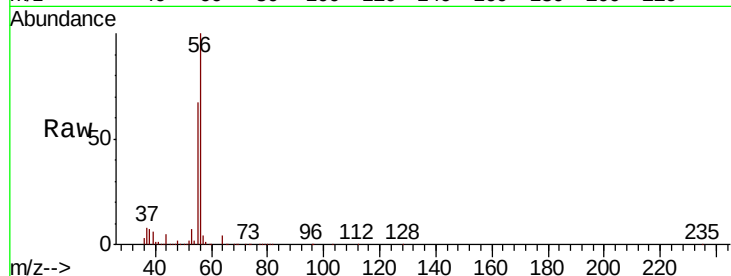
MW-103SMSD

Tot Ion: 56 Resp: 107480

Ion Ratio Lower Upper

56 100

55 69.3 56.1 84.1



#14

Allyl chloride

Concen: 47.35 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

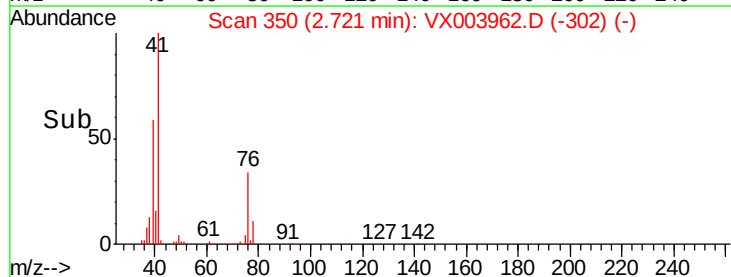
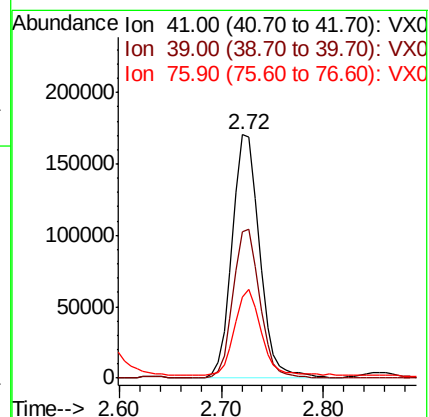
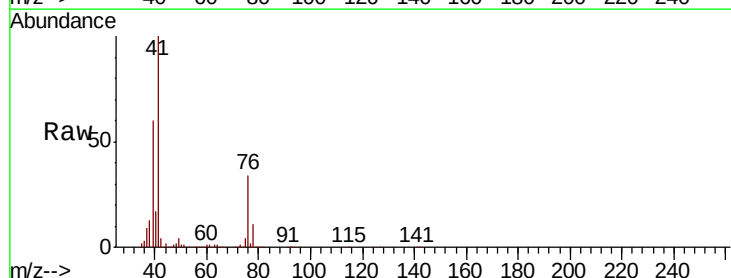
Tgt Ion: 41 Resp: 318062

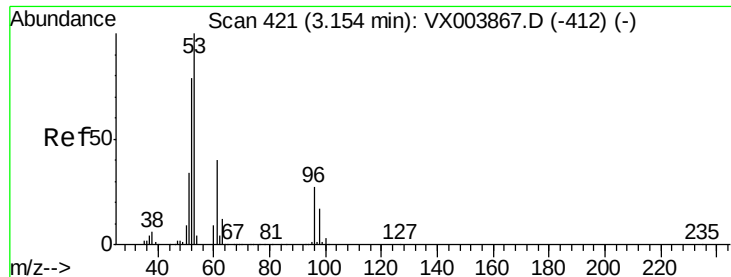
Ion Ratio Lower Upper

41 100

39 59.4 47.4 71.0

76 38.2 26.0 39.0





#15

Acrylonitrile

Concen: 254.78 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

MW-103SMSD

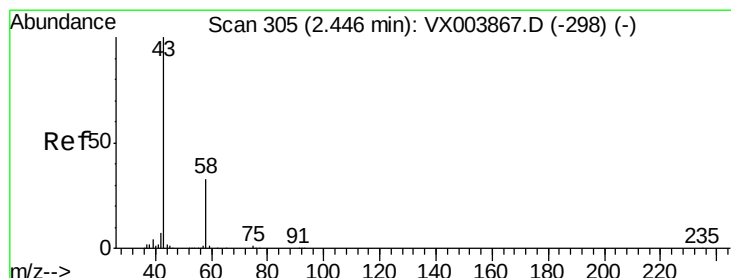
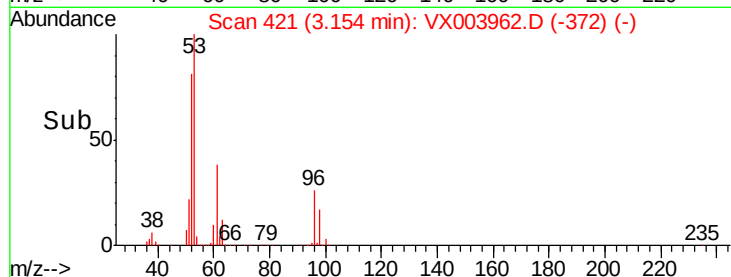
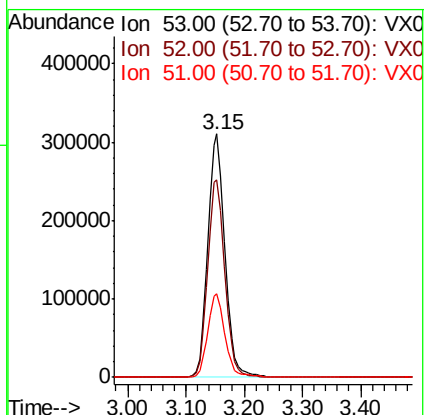
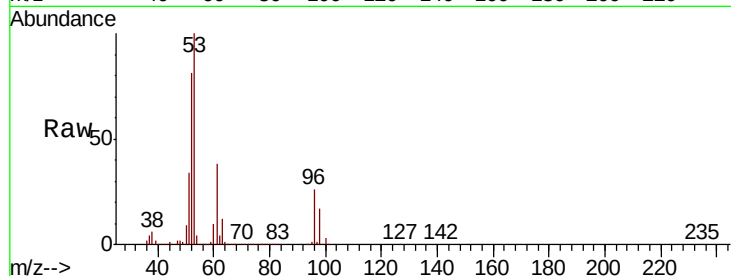
Tot Ion: 53 Resp: 628710

Ion Ratio Lower Upper

53 100

52 81.5 65.3 97.9

51 34.8 27.9 41.9



#16

Acetone

Concen: 256.08 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003962.D

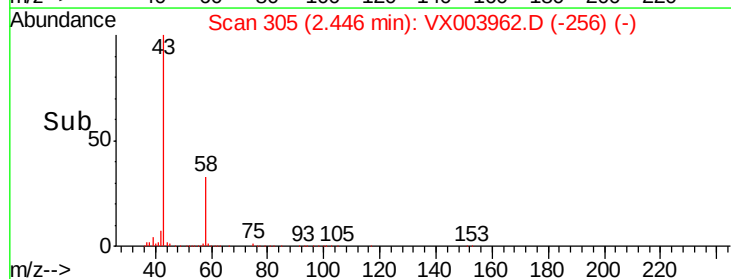
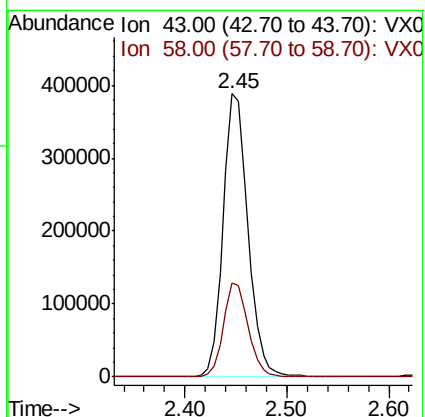
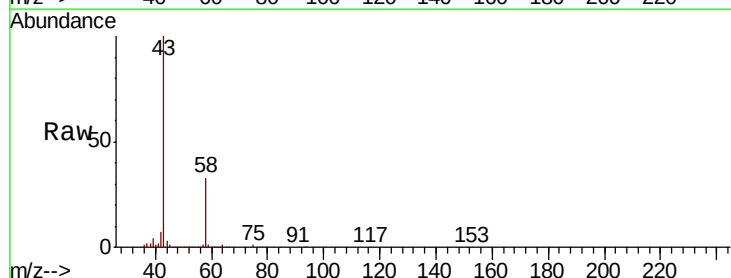
Acq: 09 Aug 2018 20:23

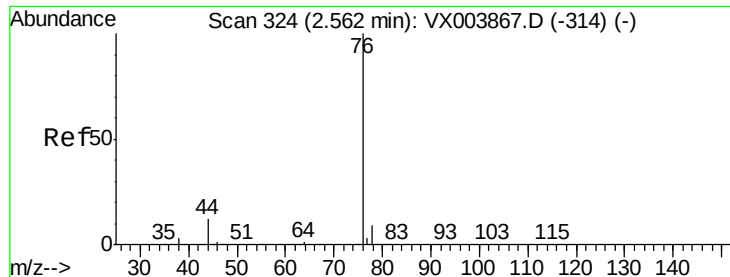
Tgt Ion: 43 Resp: 655663

Ion Ratio Lower Upper

43 100

58 33.1 26.4 39.6

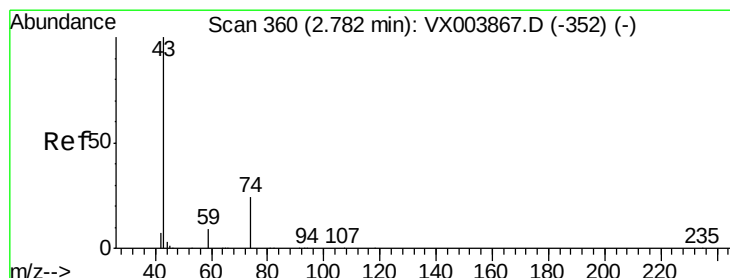
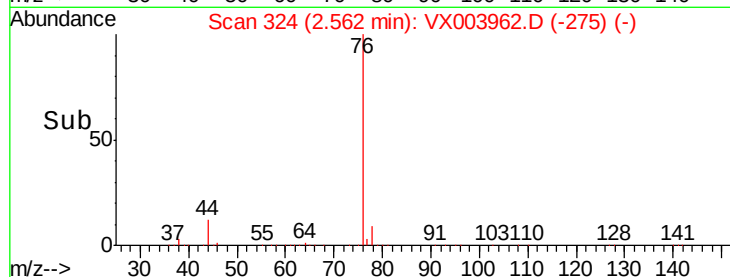
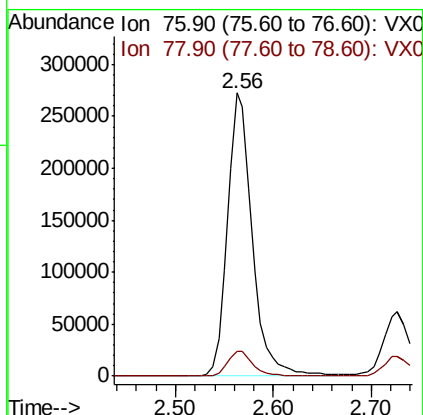
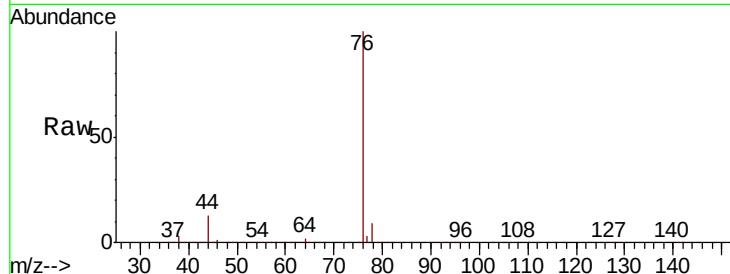




#17
Carbon Disulfide
Concen: 48.45 ug/l
RT: 2.56 min Scan# 324
Delta R.T. 0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

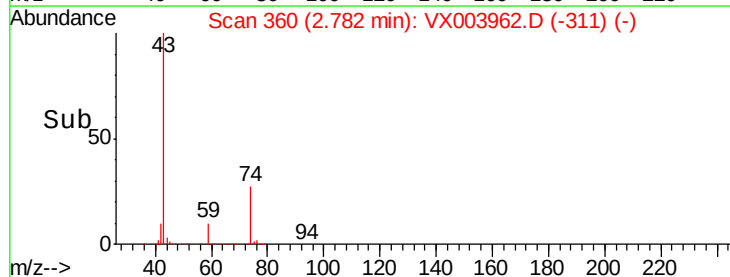
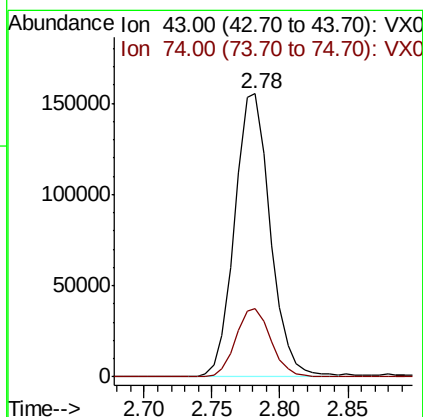
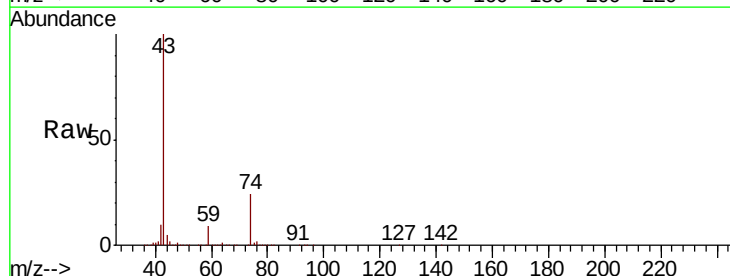
Instrument :
MSVOA_X
ClientSampleId :
MW-103SMSD

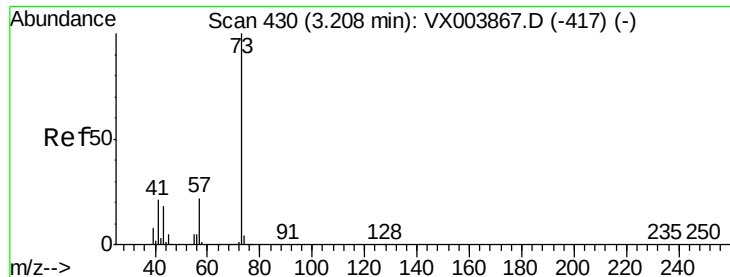
Tot Ion: 76 Resp: 478380
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 50.69 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Tgt Ion: 43 Resp: 282581
Ion Ratio Lower Upper
43 100
74 24.2 18.9 28.3

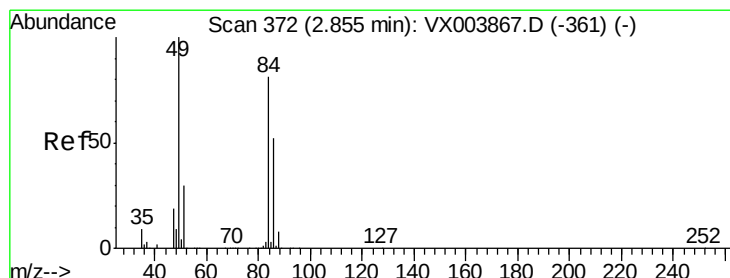
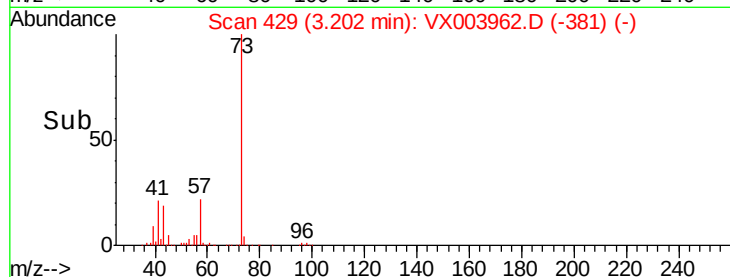
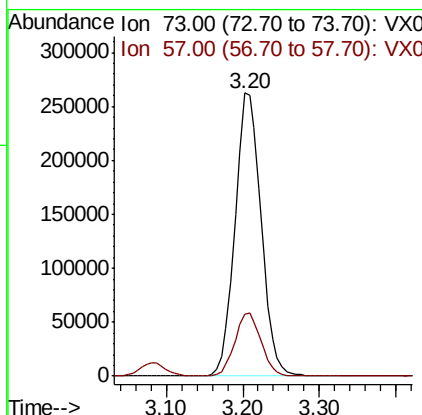
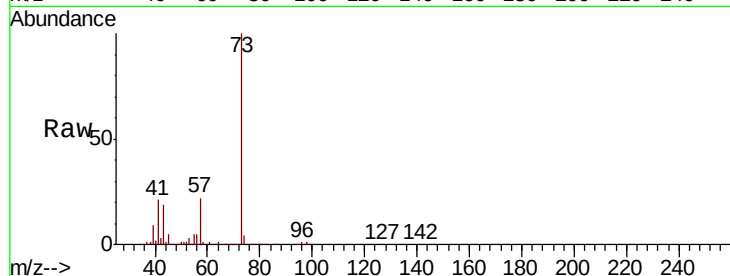




#19
Methyl tert-butyl Ether
Concen: 50.09 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

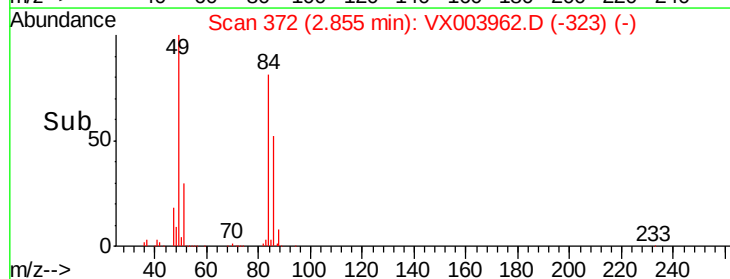
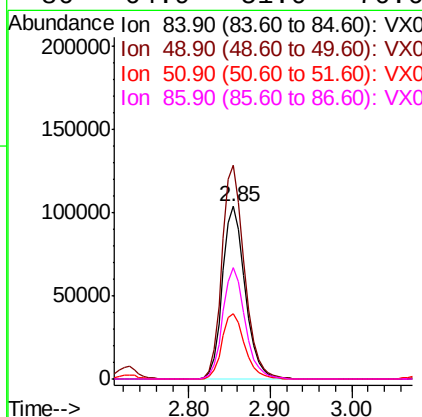
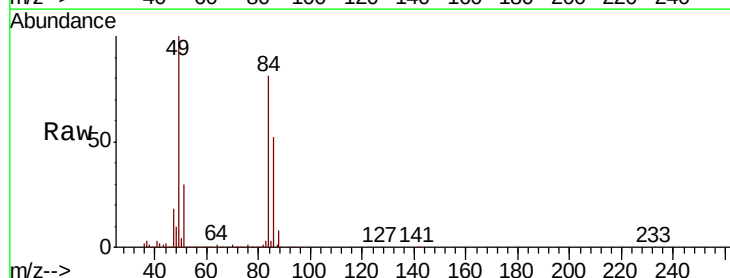
Instrument :
MSVOA_X
ClientSampleId :
MW-103SMSD

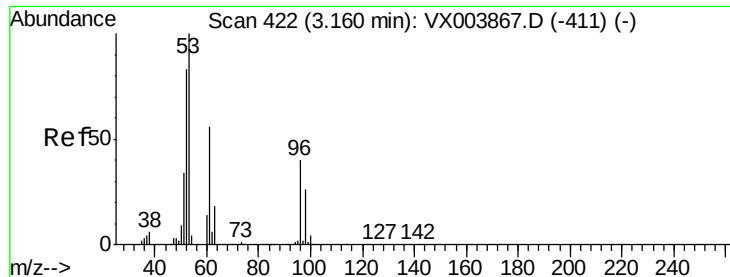
Tot Ion: 73 Resp: 618540
Ion Ratio Lower Upper
73 100
57 21.8 18.0 27.0



#20
Methylene Chloride
Concen: 49.53 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Tgt Ion: 84 Resp: 199912
Ion Ratio Lower Upper
84 100
49 123.7 98.9 148.3
51 37.5 29.9 44.9
86 64.9 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 46.80 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

MW-103SMSD

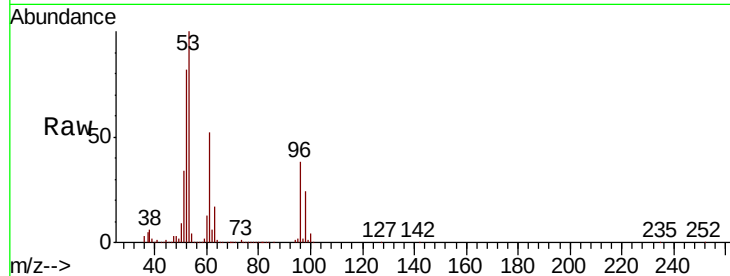
Tot Ion: 96 Resp: 185146

Ion Ratio Lower Upper

96 100

61 136.4 111.8 167.6

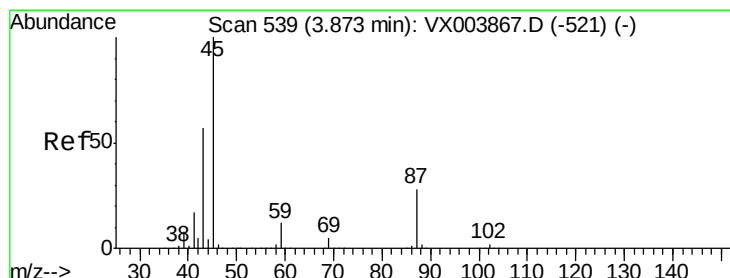
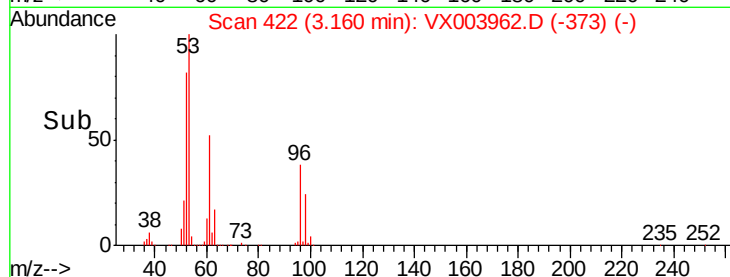
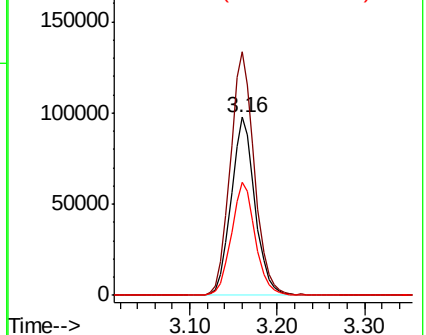
98 63.6 51.8 77.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.82 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Tgt Ion: 45 Resp: 602811

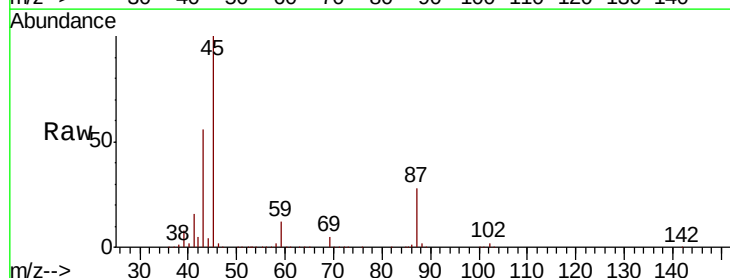
Ion Ratio Lower Upper

45 100

43 56.4 45.3 67.9

87 28.4 22.7 34.1

59 11.9 9.6 14.4

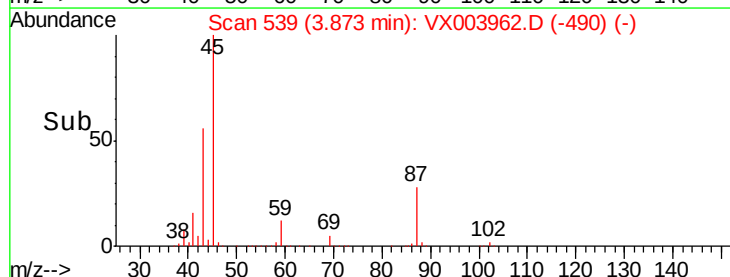
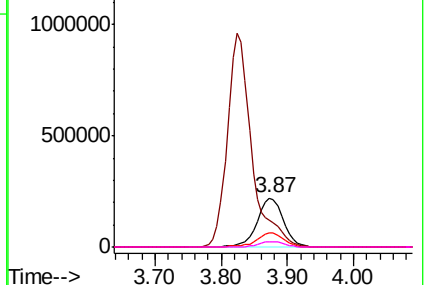


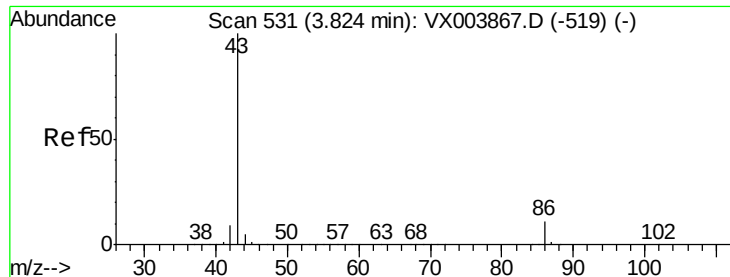
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 238.92 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampled :

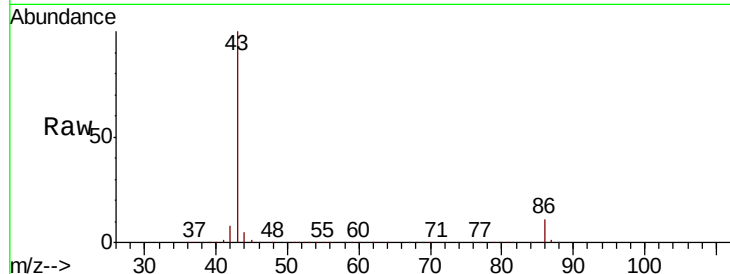
MW-103SMSD

Tot Ion: 43 Resp: 2454615

Ion Ratio Lower Upper

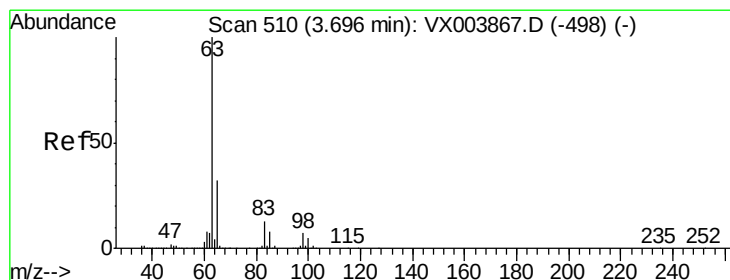
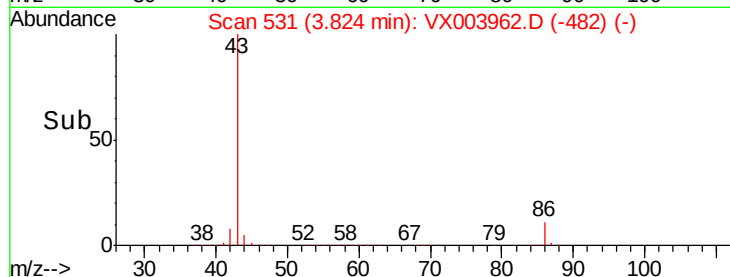
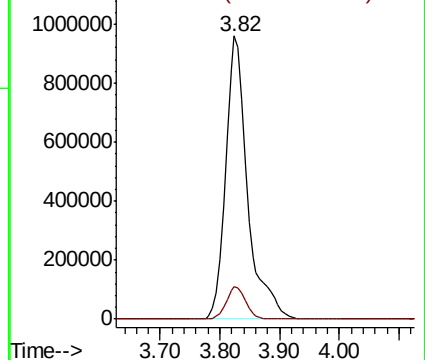
43 100

86 11.5 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.80 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

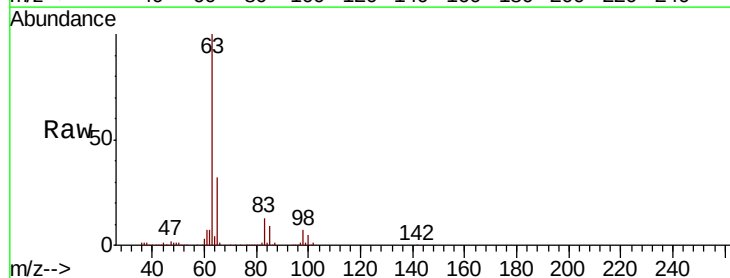
Tgt Ion: 63 Resp: 357921

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.5

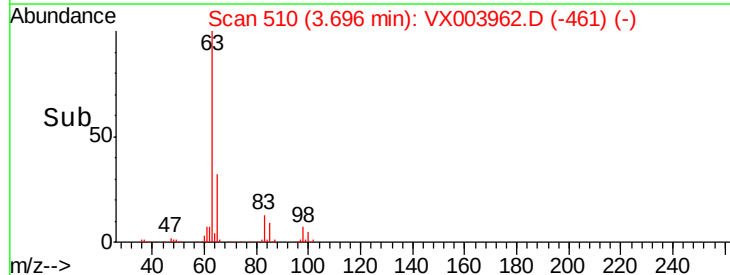
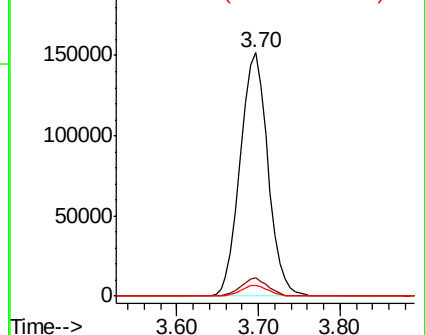
100 4.5 2.3 6.8

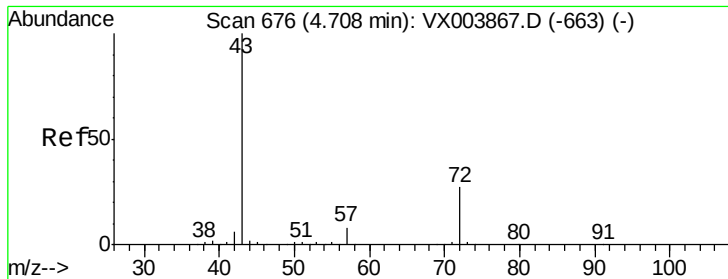


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 273.95 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

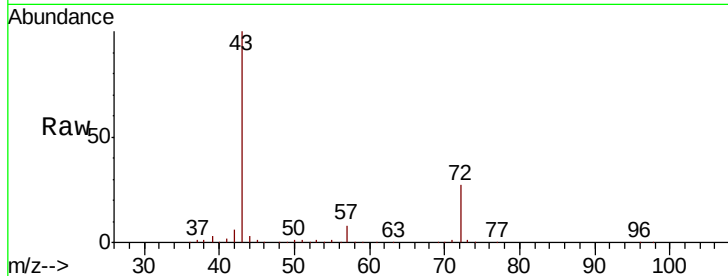
MW-103SMSD

Tot Ion: 43 Resp: 1054604

Ion Ratio Lower Upper

43 100

72 27.3 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

400000

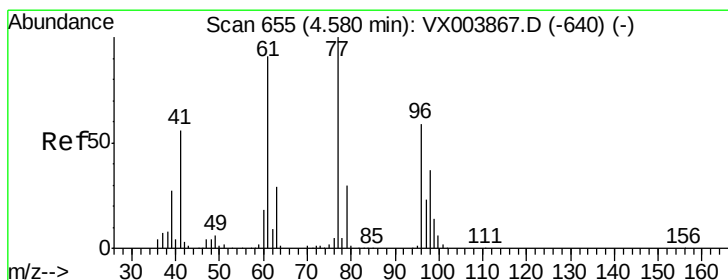
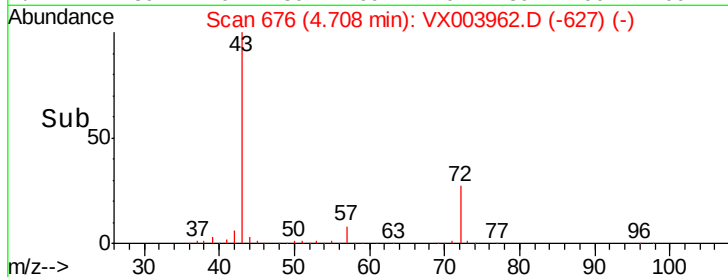
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 36.61 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX003962.D

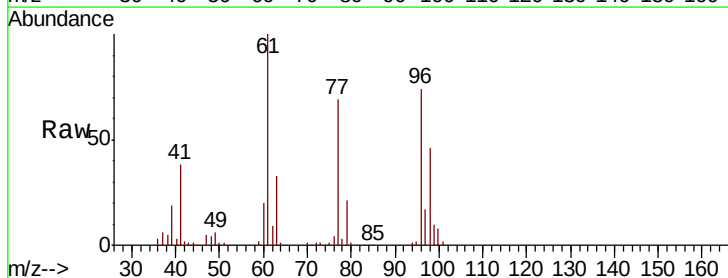
Acq: 09 Aug 2018 20:23

Tgt Ion: 77 Resp: 193645

Ion Ratio Lower Upper

77 100

97 24.6 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

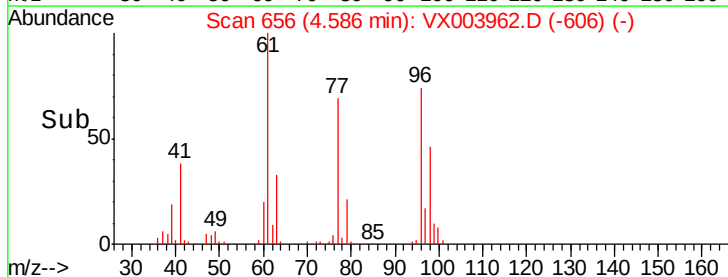
60000

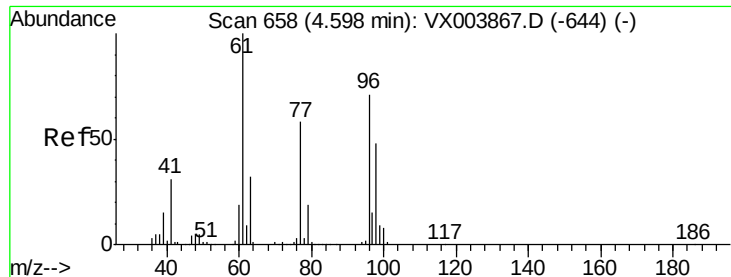
40000

20000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 50.84 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

MW-103SMSD

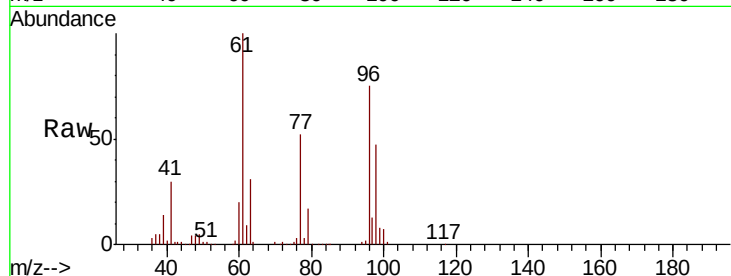
Tot Ion: 96 Resp: 218229

Ion Ratio Lower Upper

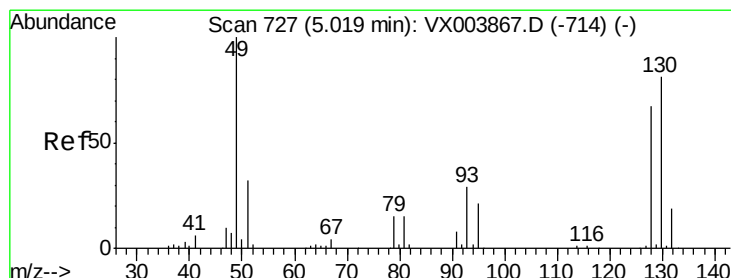
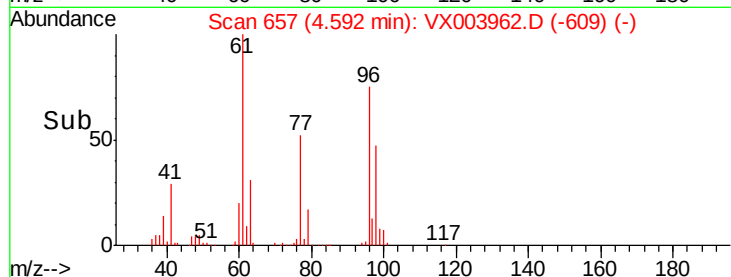
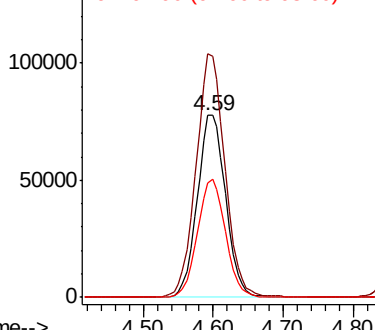
96 100

61 137.1 0.0 293.0

98 64.0 0.0 131.8



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 50.47 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

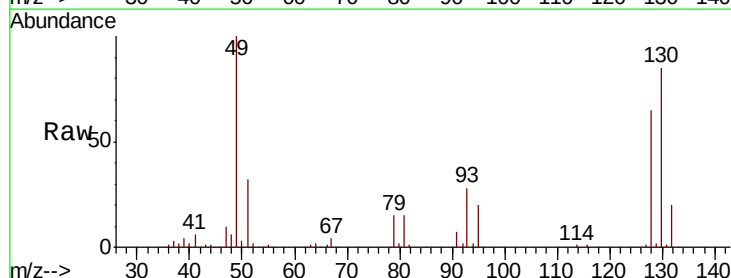
Tgt Ion: 49 Resp: 158401

Ion Ratio Lower Upper

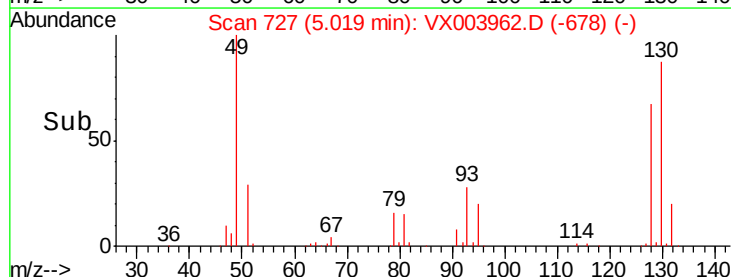
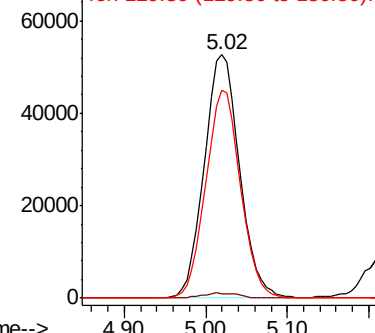
49 100

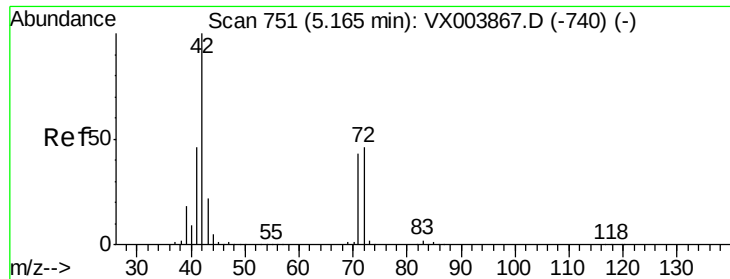
129 2.2 0.0 4.2

130 84.1 66.5 99.7



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: 265.93 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

MW-103SMSD

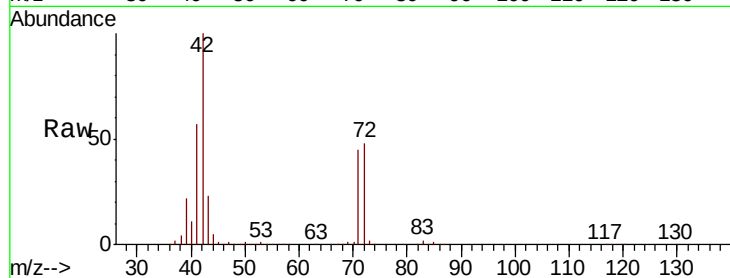
Tot Ion: 42 Resp: 526169

Ion Ratio Lower Upper

42 100

72 47.4 37.7 56.5

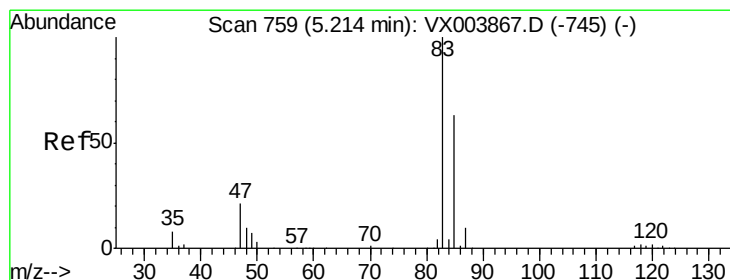
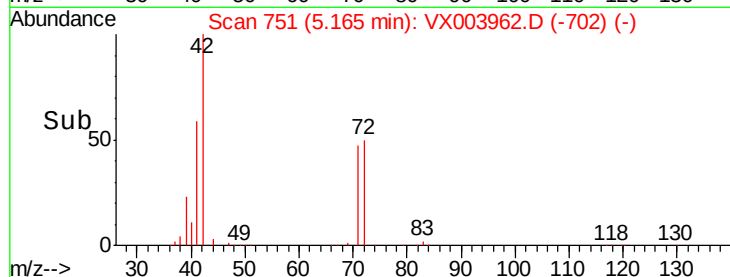
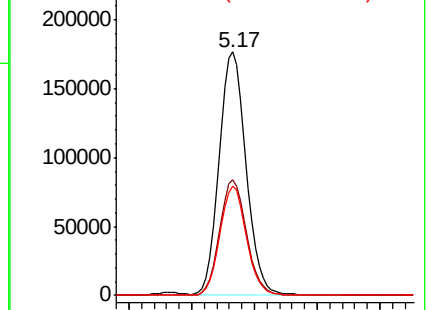
71 44.0 35.0 52.6



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: 49.87 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX003962.D

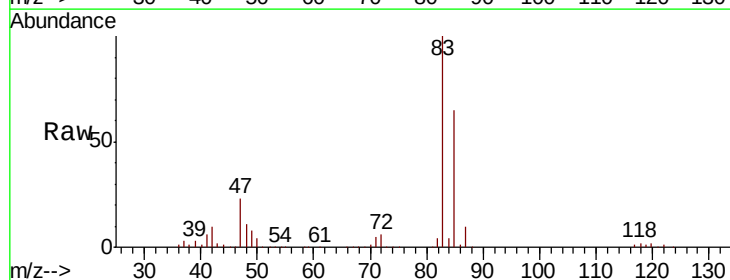
Acq: 09 Aug 2018 20:23

Tgt Ion: 83 Resp: 344390

Ion Ratio Lower Upper

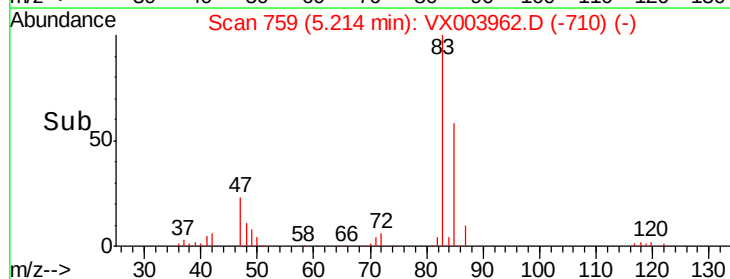
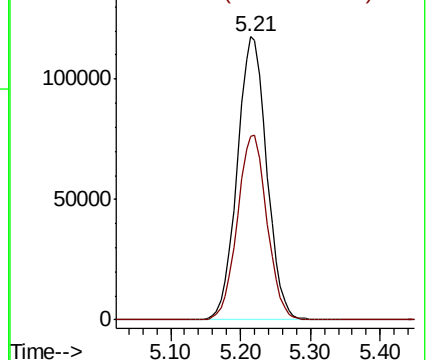
83 100

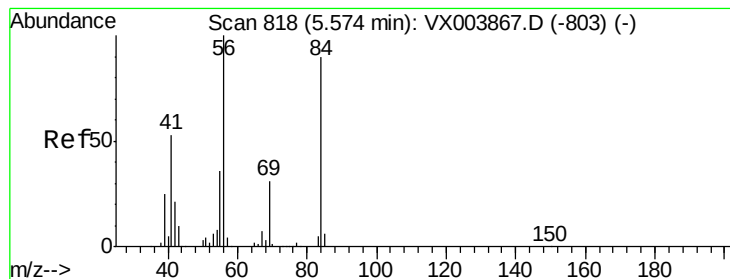
85 65.1 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 47.98 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

MW-103SMSD

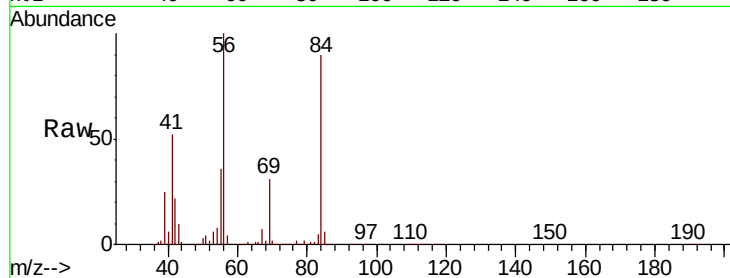
Tot Ion: 56 Resp: 297601

Ion Ratio Lower Upper

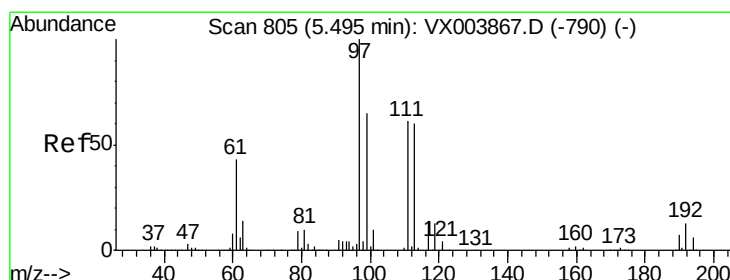
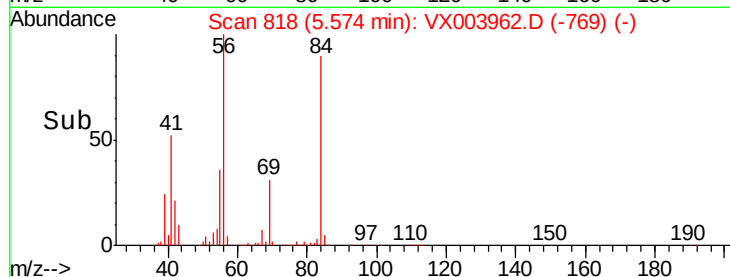
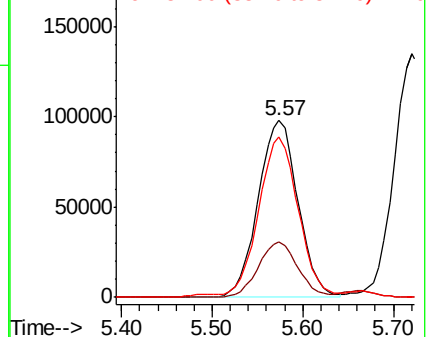
56 100

69 31.3 24.9 37.3

84 89.3 71.7 107.5



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



#32

1,1,1-Trichloroethane

Concen: 50.66 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

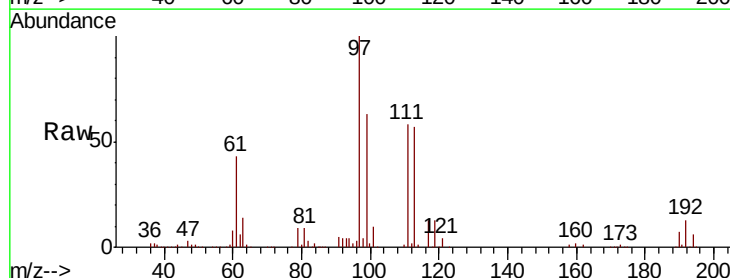
Tgt Ion: 97 Resp: 293349

Ion Ratio Lower Upper

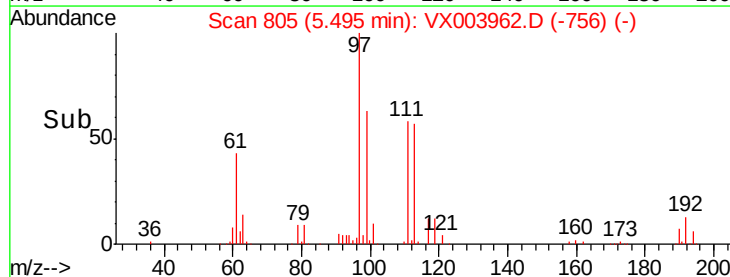
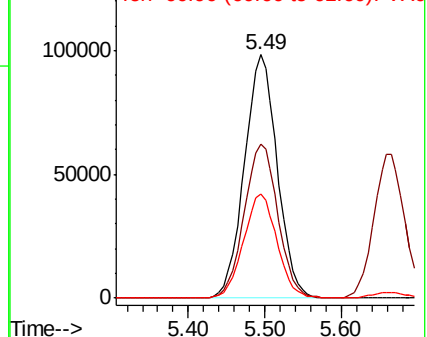
97 100

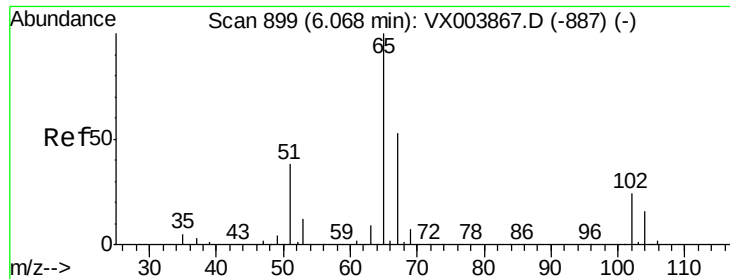
99 64.7 51.8 77.8

61 43.7 34.4 51.6



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

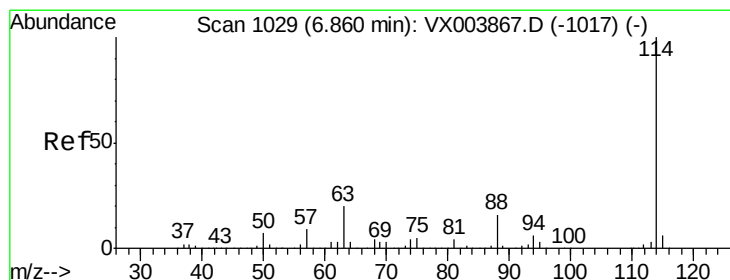
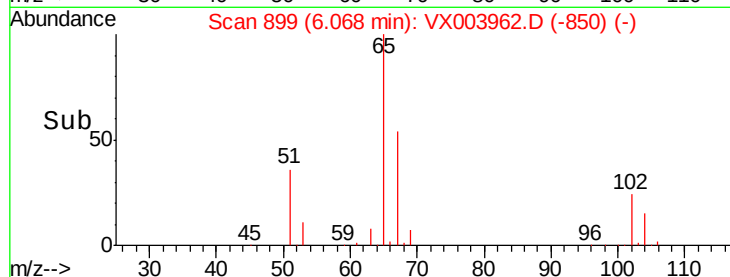
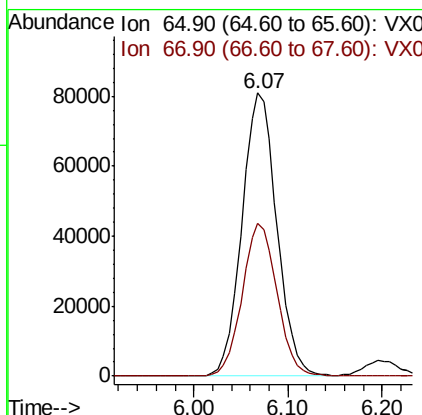
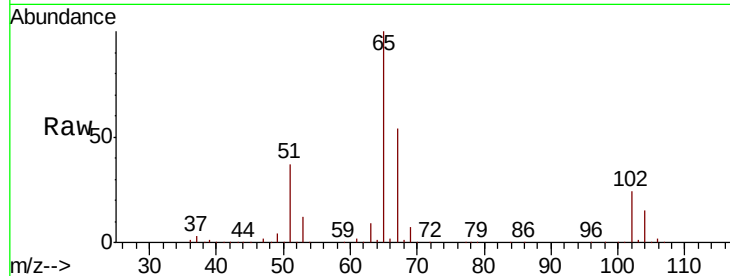




#33
 1,2-Dichloroethane-d4
 Concen: 48.73 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

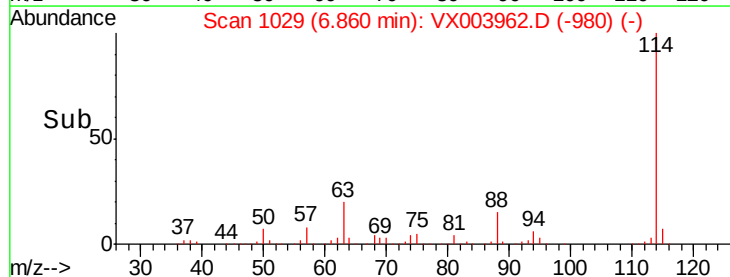
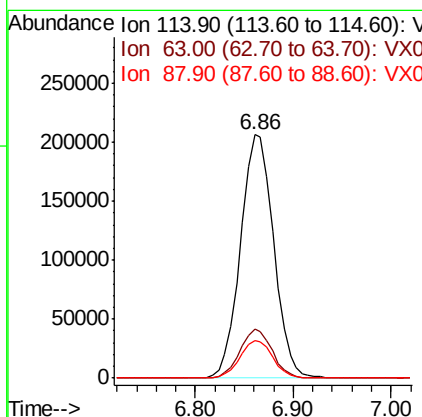
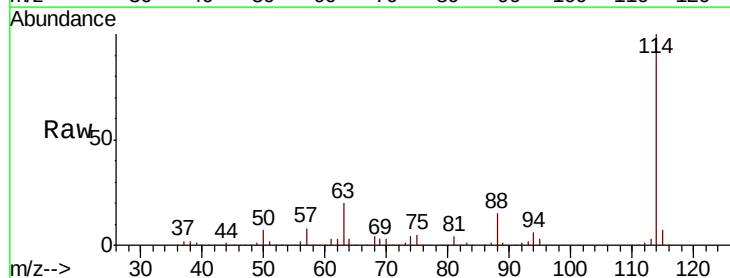
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103SMSD

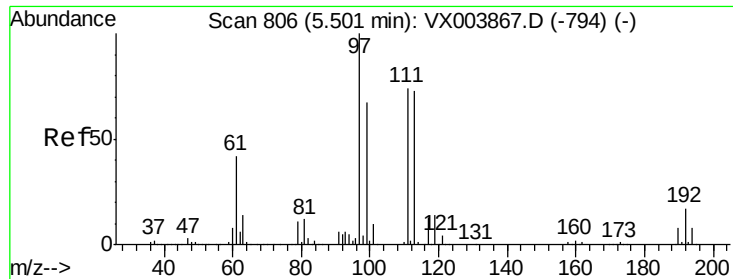
Tot Ion: 65 Resp: 209713
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Tgt Ion: 114 Resp: 485056
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.0
 88 15.4 0.0 32.0

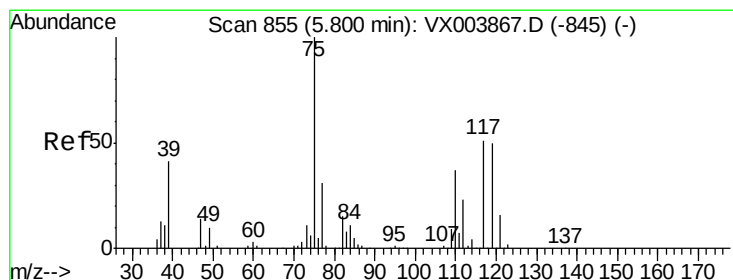
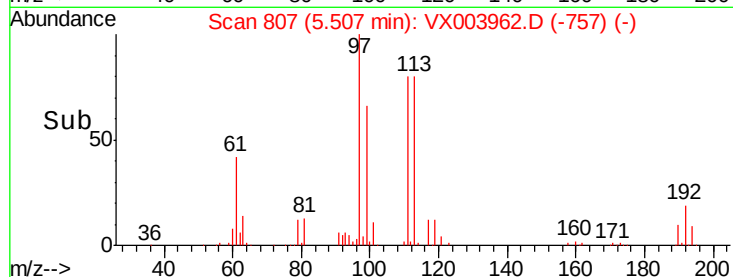
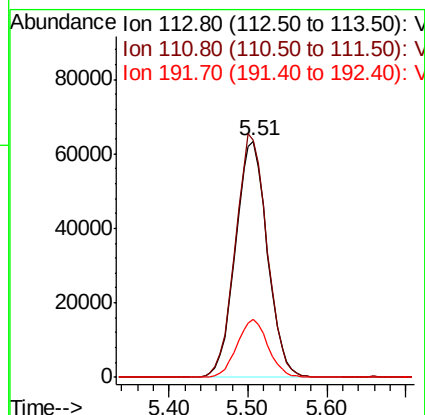
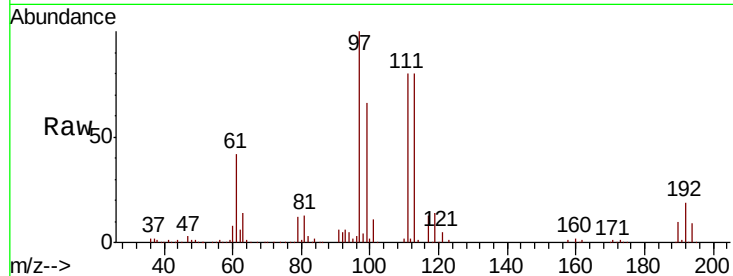




#35
 Dibromofluoromethane
 Concen: 48.47 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

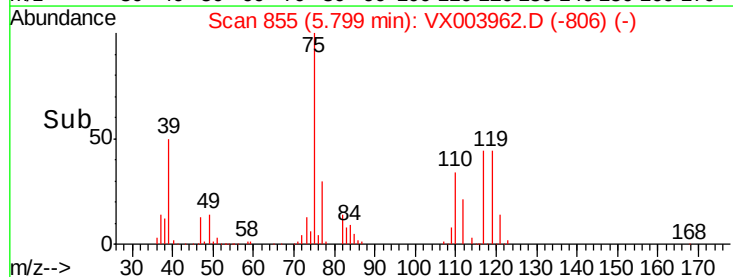
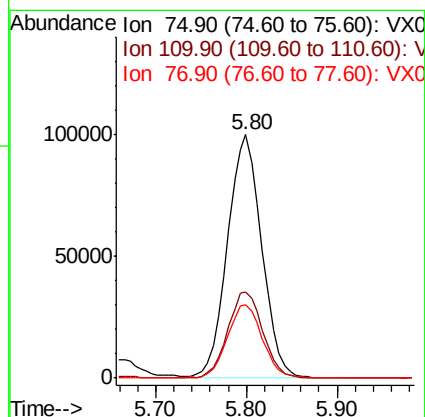
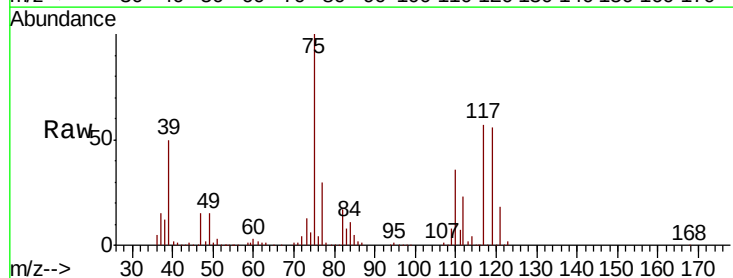
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103SMSD

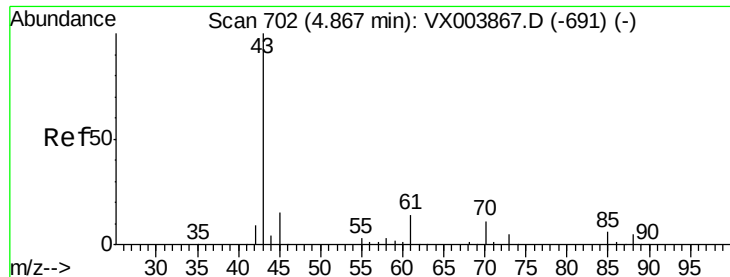
Tot Ion:113 Resp: 178106
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.0 123.0
 192 23.9 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 47.96 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Tgt Ion: 75 Resp: 260568
 Ion Ratio Lower Upper
 75 100
 110 36.6 18.2 54.6
 77 31.5 25.0 37.4

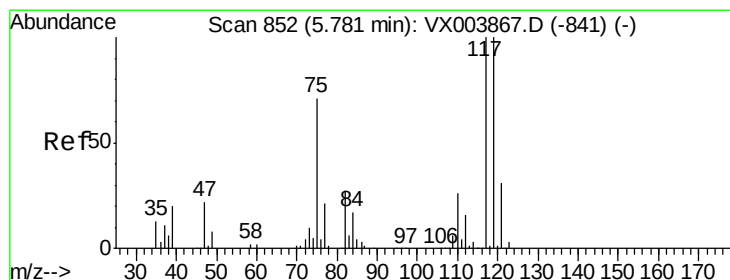
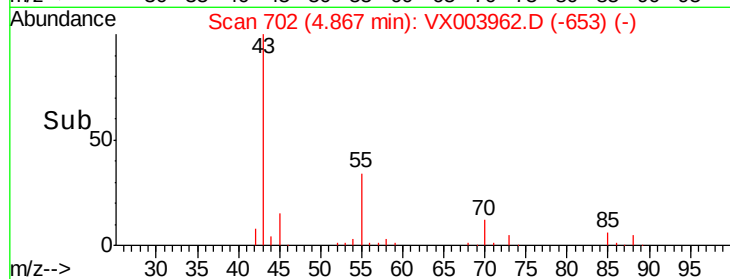
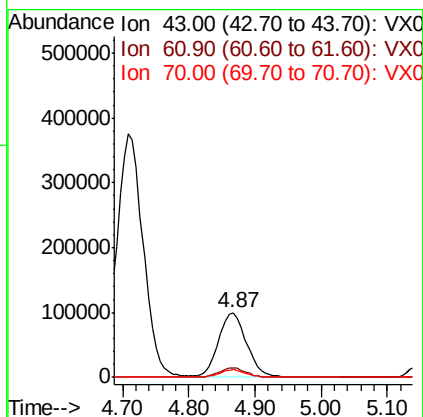
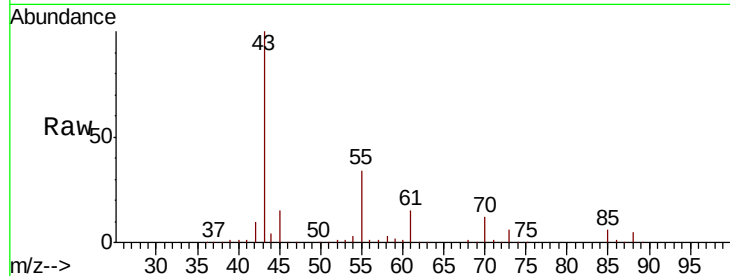




#37
Ethyl Acetate
Concen: 49.23 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

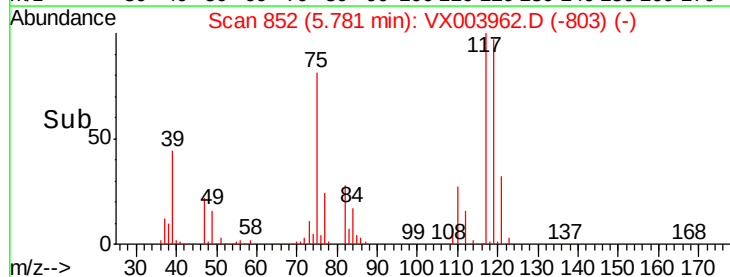
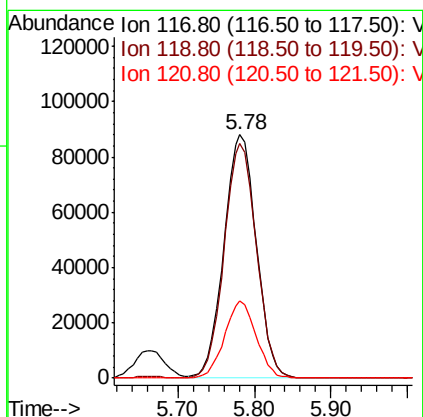
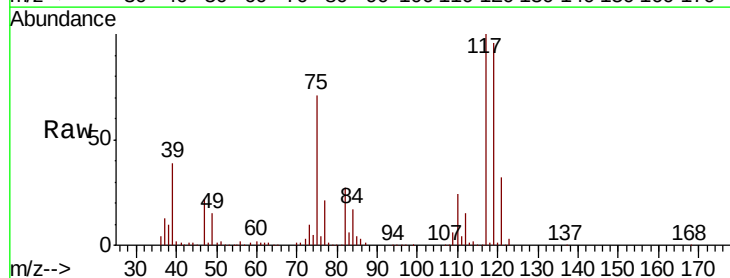
Instrument :
MSVOA_X
ClientSampleId :
MW-103SMSD

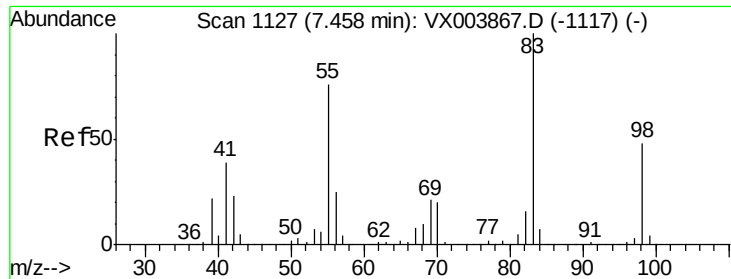
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.5	17.3
70	11.3	9.0	13.4



#38
Carbon Tetrachloride
Concen: 49.85 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	79.5	119.3
121	32.0	25.0	37.4

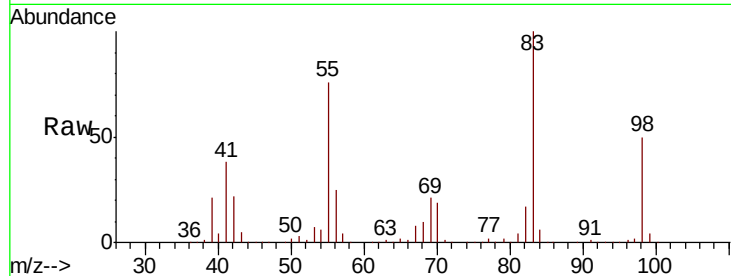




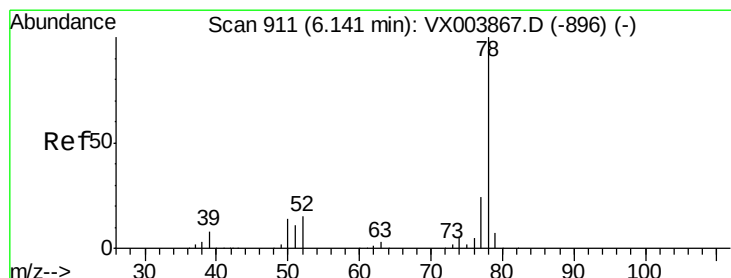
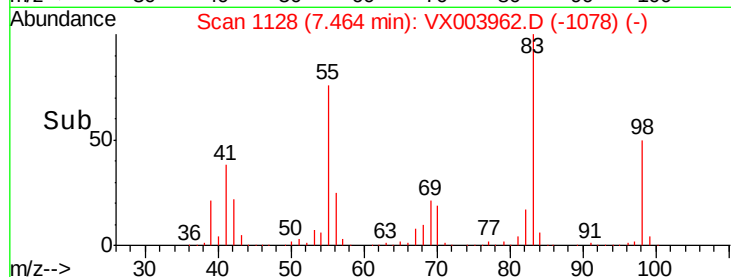
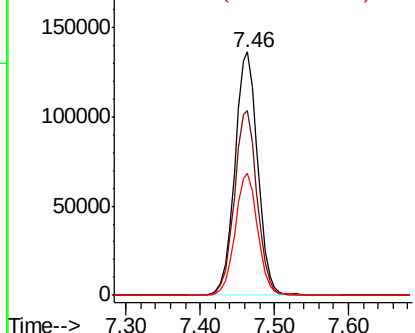
#39
Methylvlcyclohexane
Concen: 45.78 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Instrument :
MSVOA_X
ClientSampleId :
MW-103SMSD

Tot Ion: 83 Resp: 293205
Ion Ratio Lower Upper
83 100
55 75.9 61.0 91.6
98 49.9 38.6 57.8

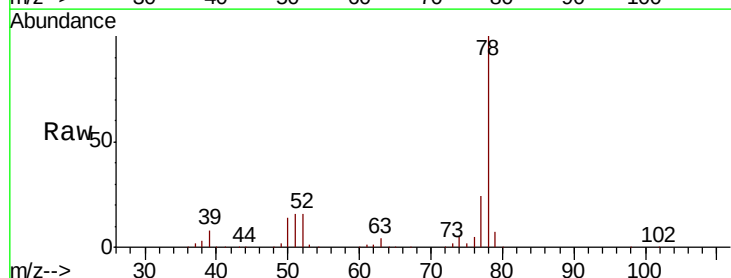


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

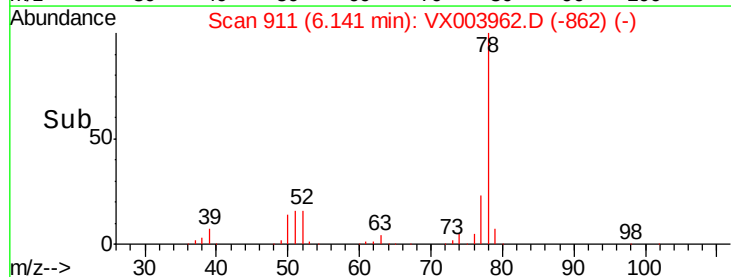
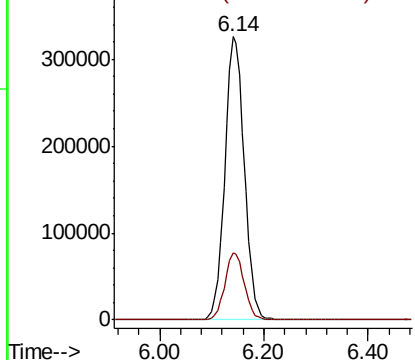


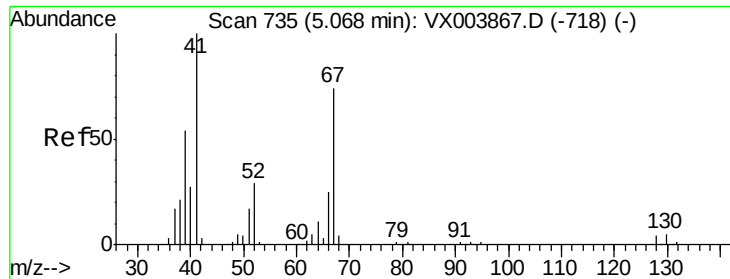
#40
Benzene
Concen: 52.14 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Tgt Ion: 78 Resp: 850590
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

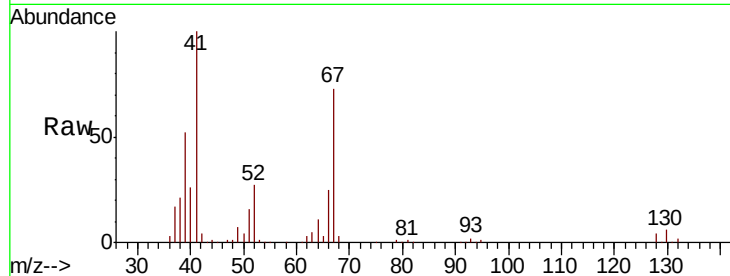




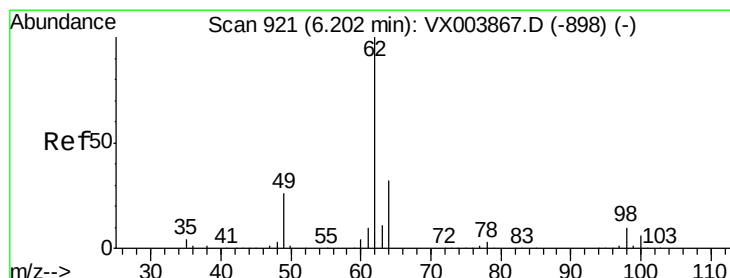
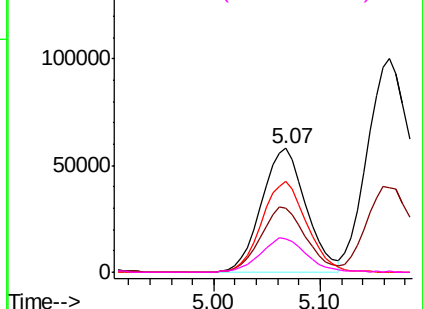
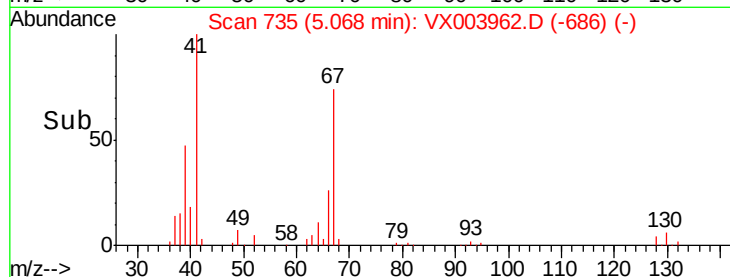
#41
Methacrylonitrile
Concen: 51.48 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Instrument :
MSVOA_X
ClientSampleId :
MW-103SMSD

Tot Ion:	41	Resp:	169442
Ion	Ratio	Lower	Upper
41	100		
39	52.8	42.7	64.1
67	74.2	58.9	88.3
52	28.3	22.6	33.8

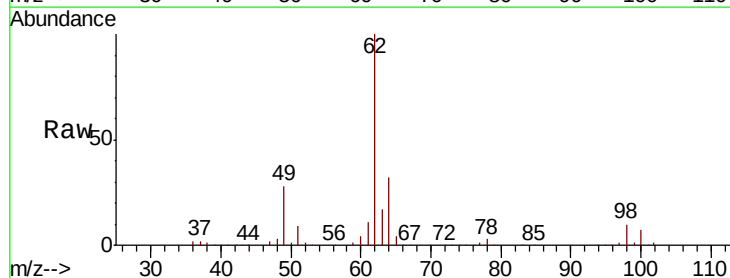


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

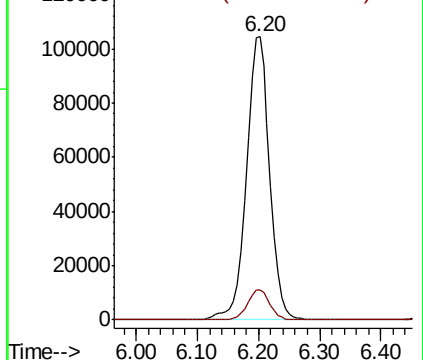
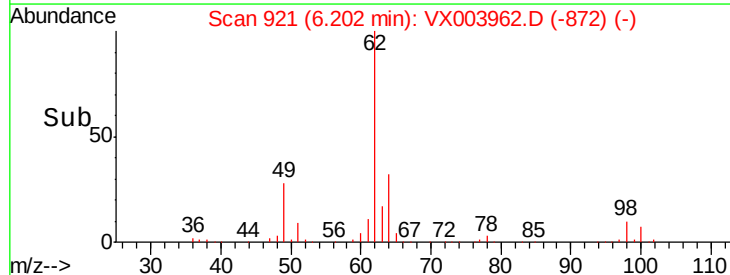


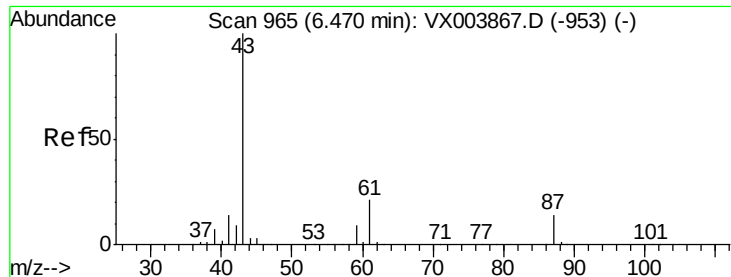
#42
1,2-Dichloroethane
Concen: 49.84 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Tgt Ion:	62	Resp:	274901
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.4



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





#43

Isopropyl Acetate

Concen: 50.69 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

MW-103SMSD

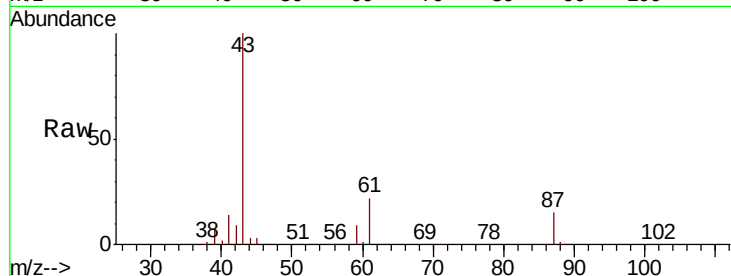
Tot Ion: 43 Resp: 455851

Ion Ratio Lower Upper

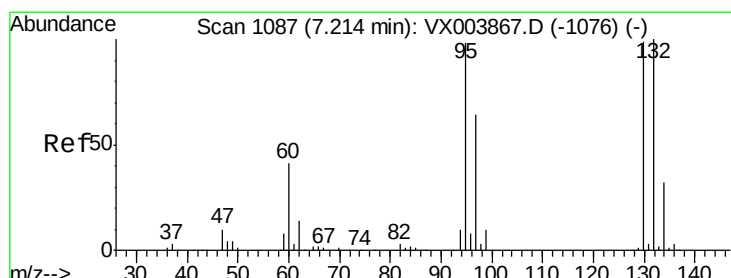
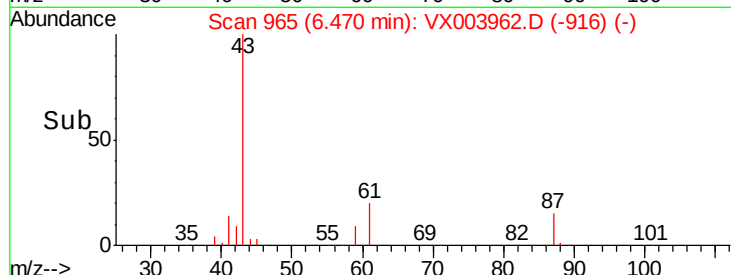
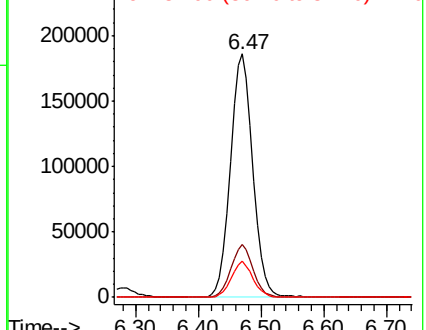
43 100

61 21.3 16.9 25.3

87 14.2 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.59 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003962.D

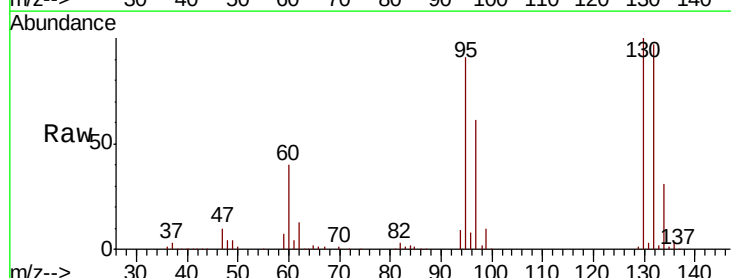
Acq: 09 Aug 2018 20:23

Tgt Ion:130 Resp: 212312

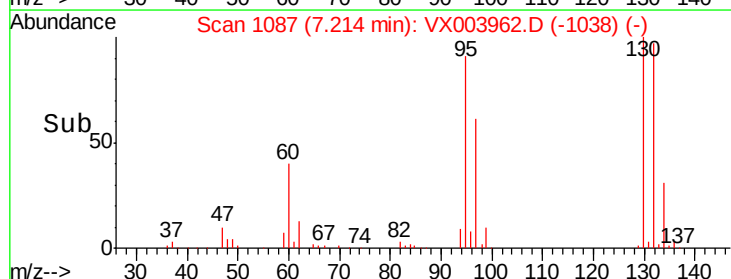
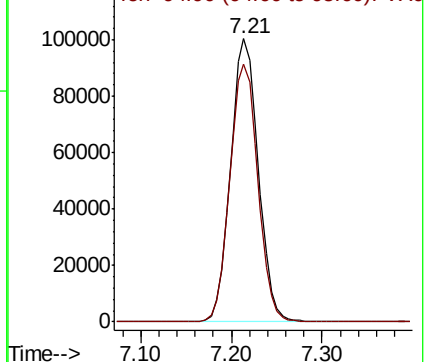
Ion Ratio Lower Upper

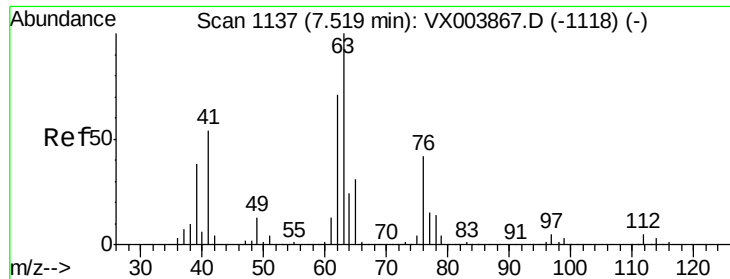
130 100

95 91.0 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

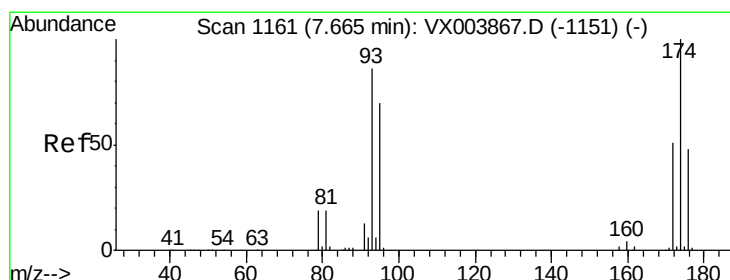
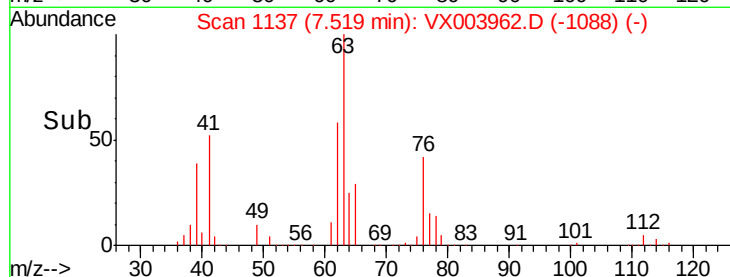
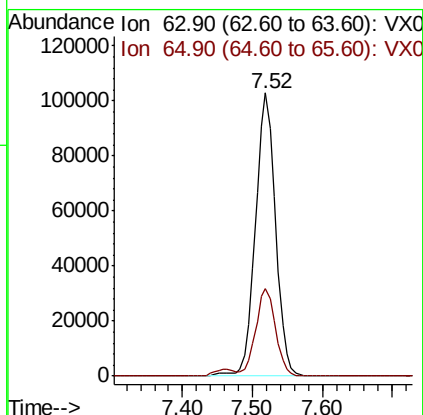
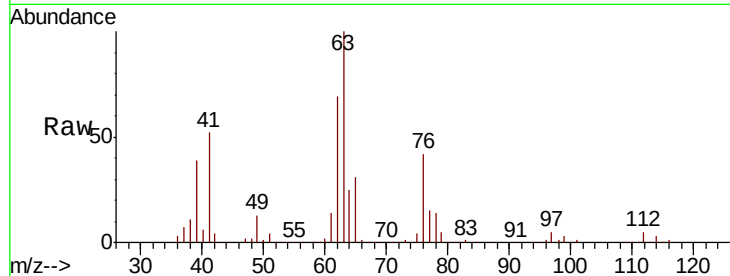




#45
 1,2-Dichloropropane
 Concen: 48.81 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

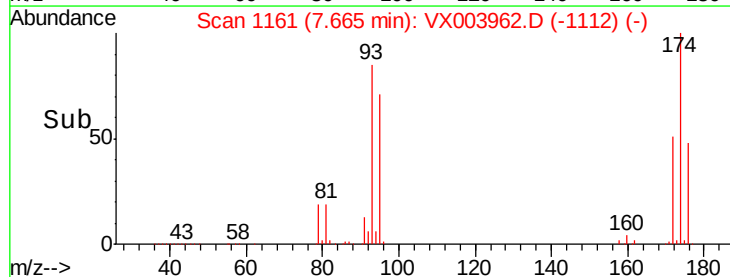
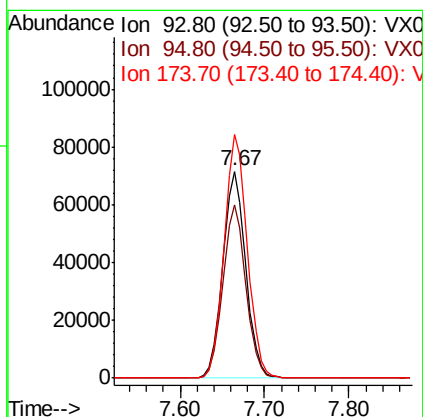
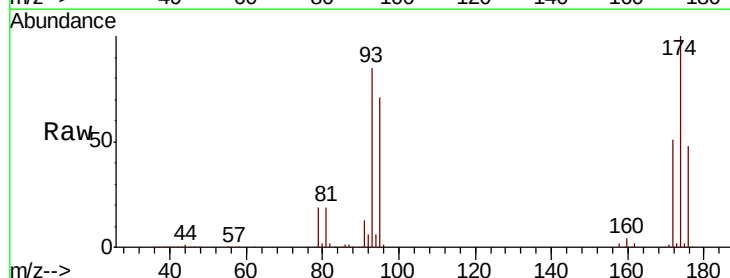
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103SMSD

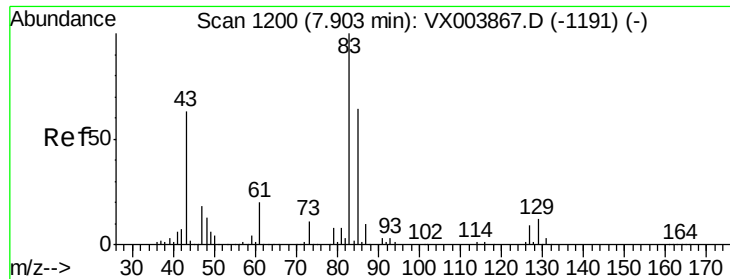
Tot Ion: 63 Resp: 205620
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.6 36.8



#46
 Dibromomethane
 Concen: 49.03 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Tgt Ion: 93 Resp: 134103
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.4 99.6
 174 118.6 94.3 141.5





#47

Bromodichloromethane

Concen: 50.44 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

MW-103SMSD

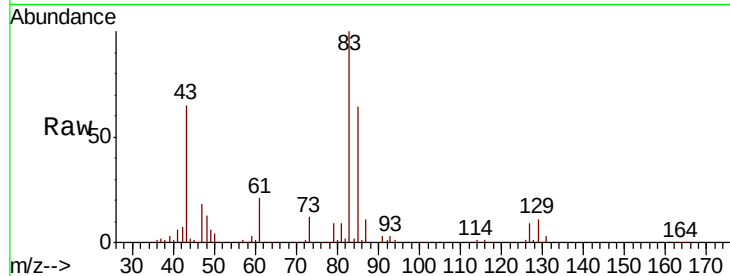
Tot Ion: 83 Resp: 259865

Ion Ratio Lower Upper

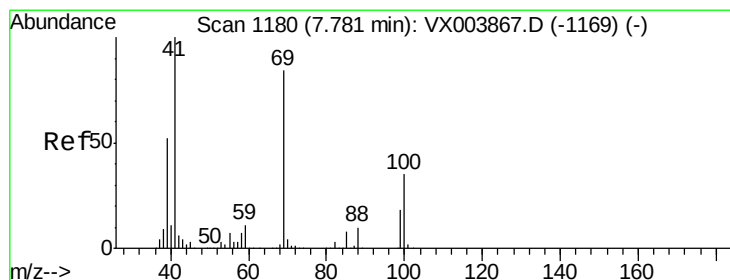
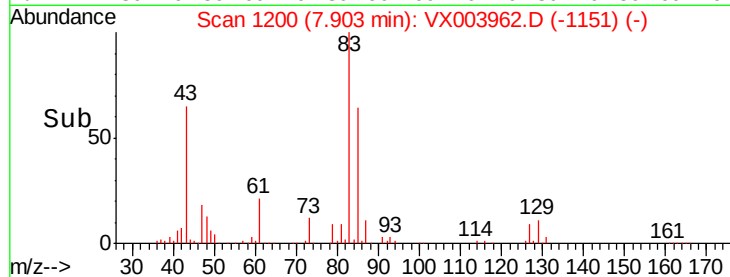
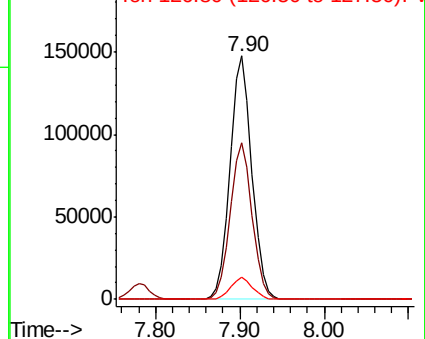
83 100

85 64.3 51.2 76.8

127 9.0 7.2 10.8



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: 52.75 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

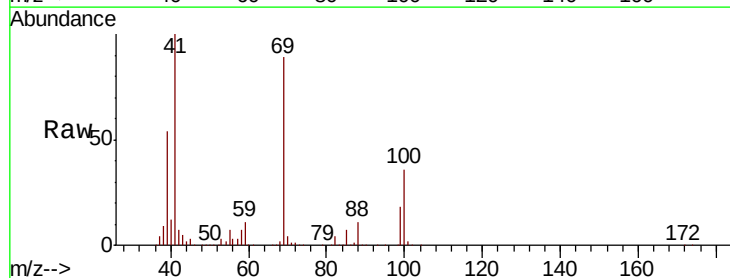
Tgt Ion: 41 Resp: 241152

Ion Ratio Lower Upper

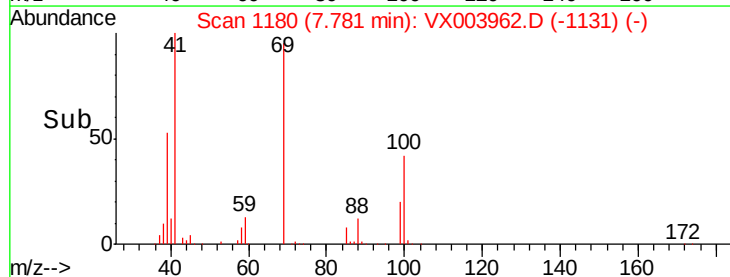
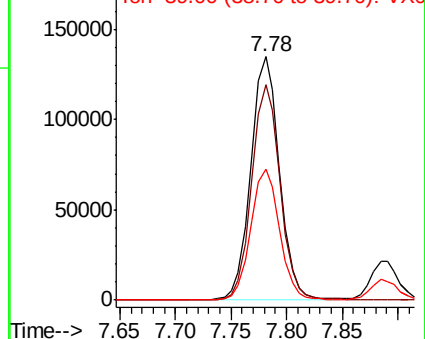
41 100

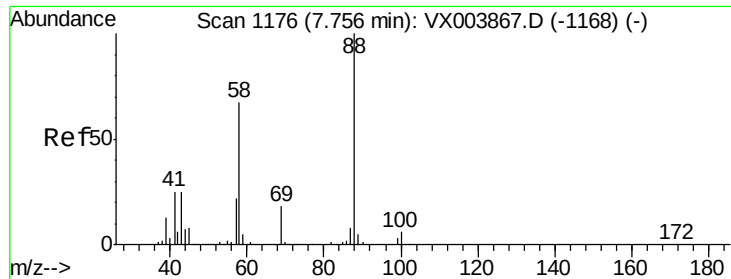
69 88.5 68.8 103.2

39 54.0 42.3 63.5



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

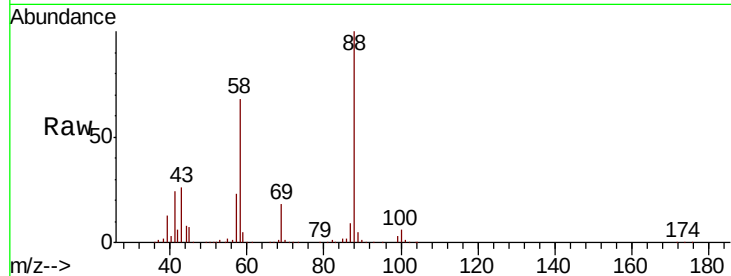




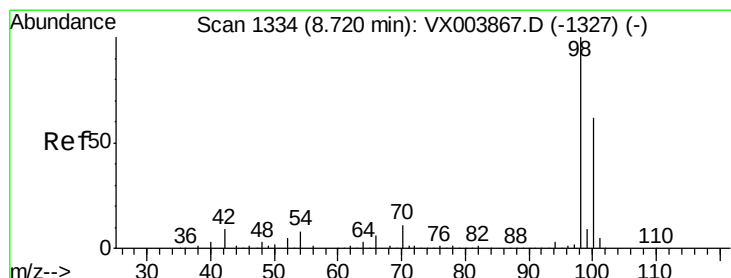
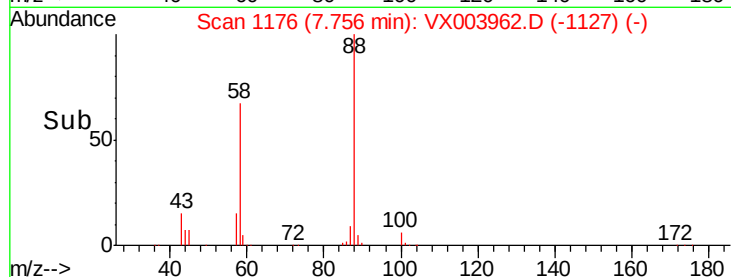
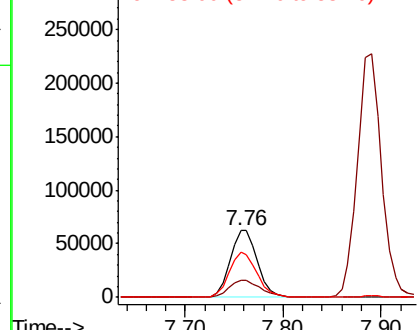
#49
 1,4-Dioxane
 Concen: 1107.34 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103SMSD

Tot Ion: 88 Resp: 119248
 Ion Ratio Lower Upper
 88 100
 43 29.4 23.8 35.8
 58 68.2 55.4 83.0

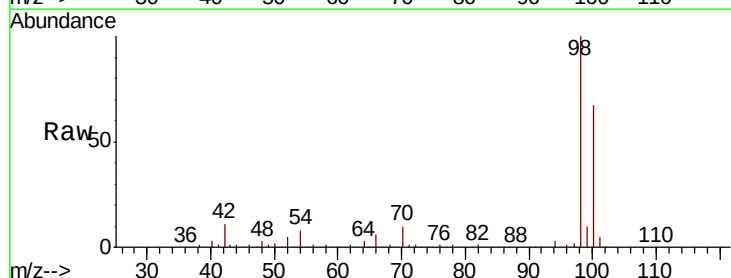


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

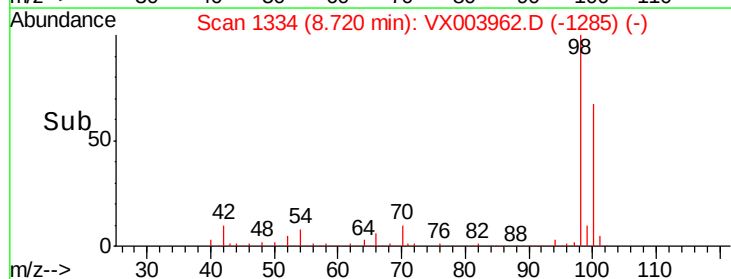
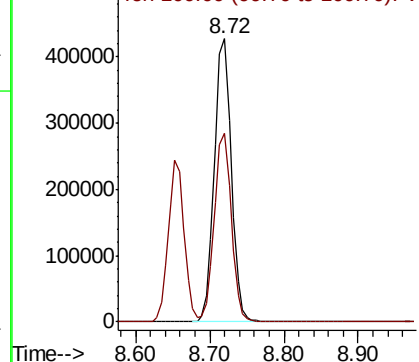


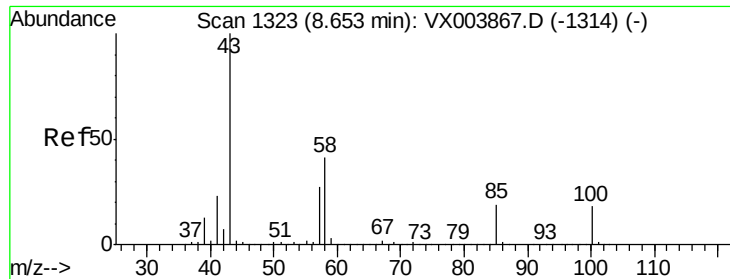
#50
 Toluene-d8
 Concen: 46.98 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Tgt Ion: 98 Resp: 671289
 Ion Ratio Lower Upper
 98 100
 100 67.1 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 281.43 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

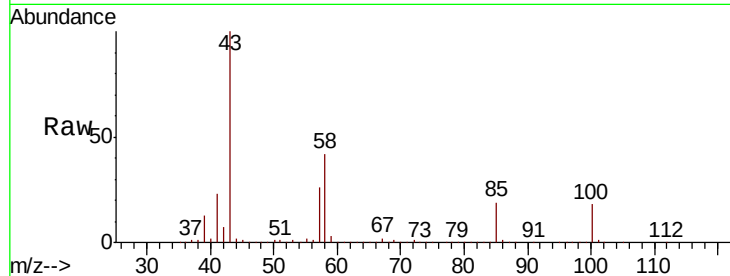
MW-103SMSD

Tot Ion: 43 Resp: 2097834

Ion Ratio Lower Upper

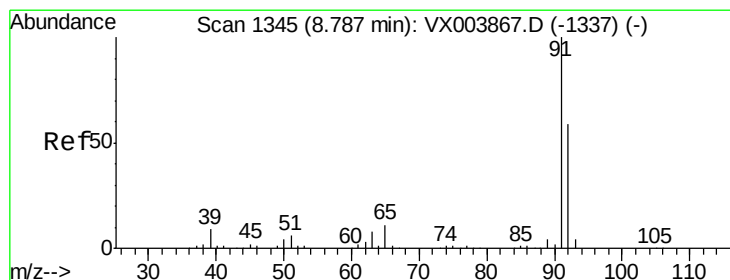
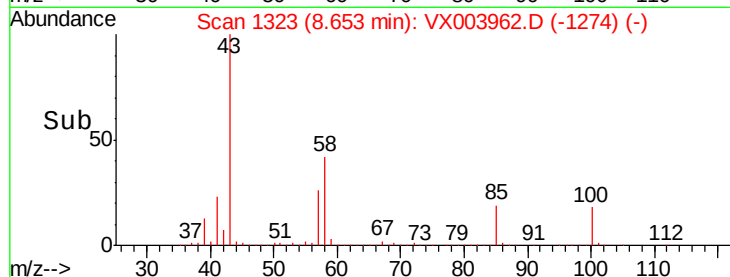
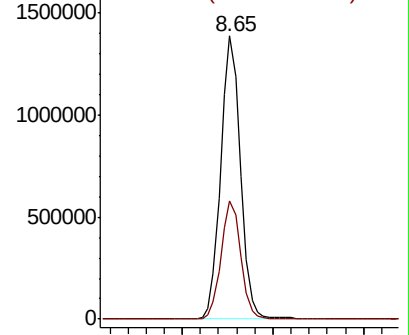
43 100

58 41.4 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.62 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003962.D

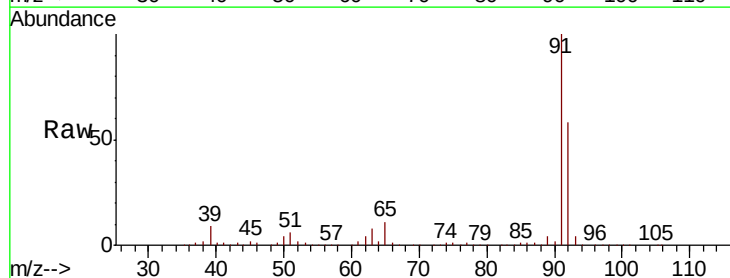
Acq: 09 Aug 2018 20:23

Tgt Ion: 92 Resp: 511490

Ion Ratio Lower Upper

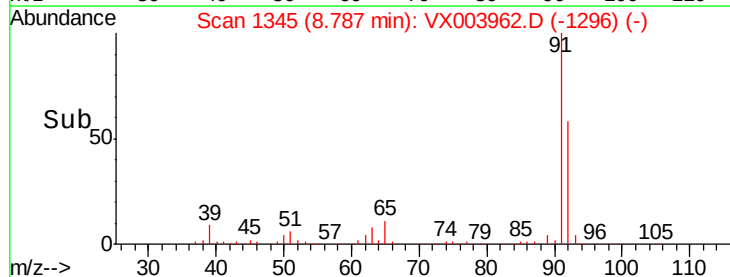
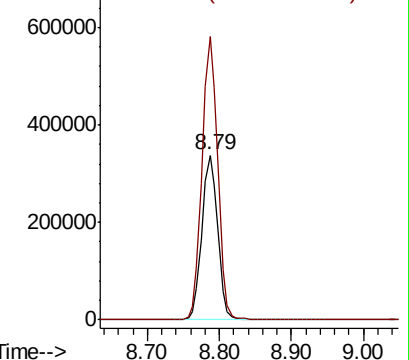
92 100

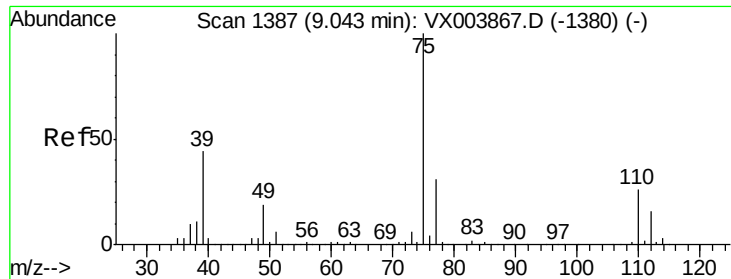
91 170.8 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 48.98 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

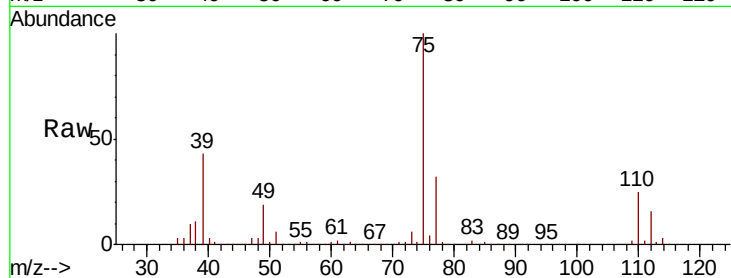
MW-103SMSD

Tot Ion: 75 Resp: 285241

Ion Ratio Lower Upper

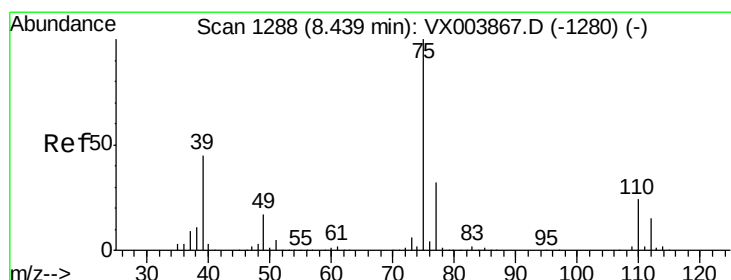
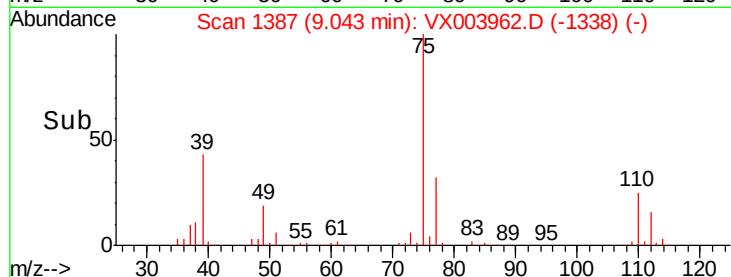
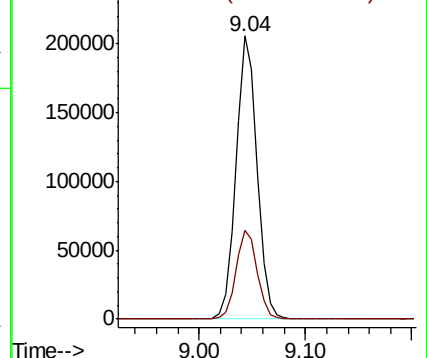
75 100

77 31.5 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 48.09 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

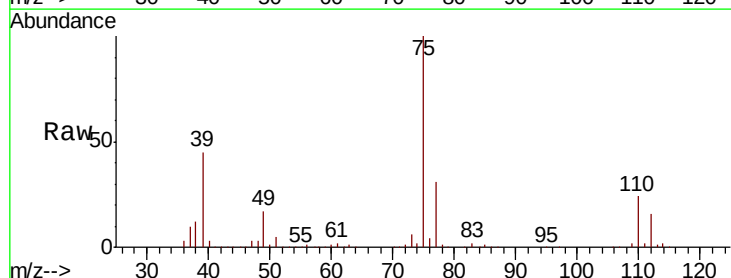
Tgt Ion: 75 Resp: 301971

Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

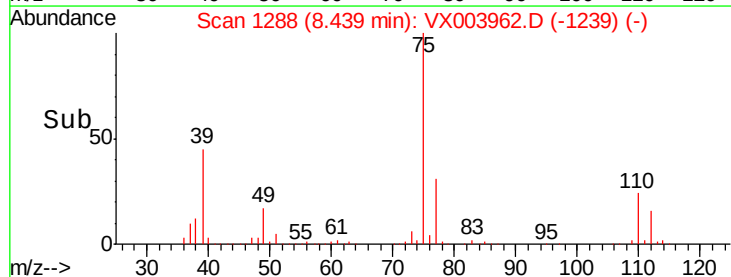
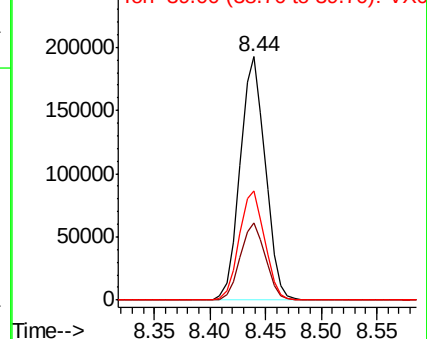
39 44.7 36.2 54.2

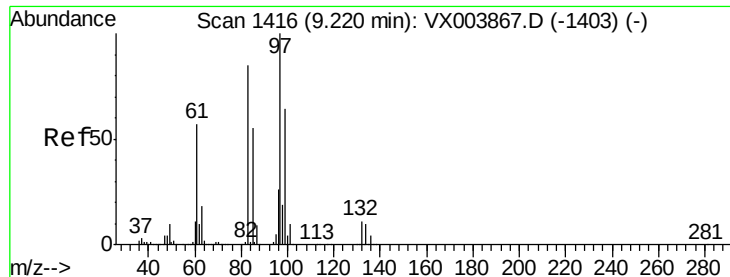


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

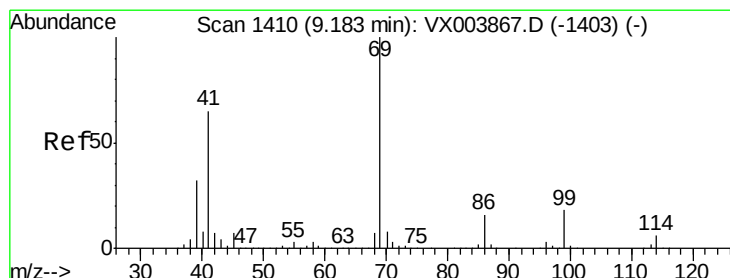
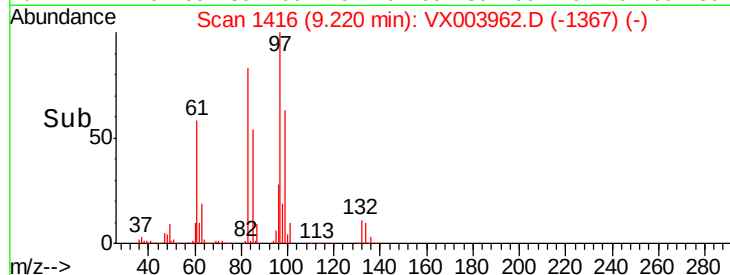
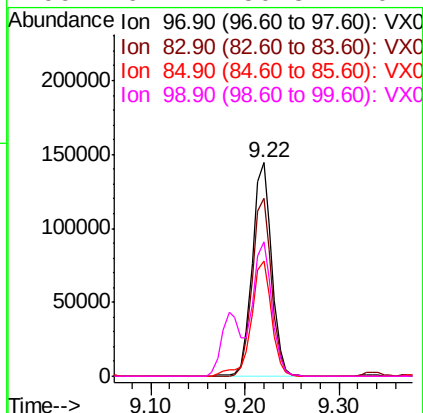
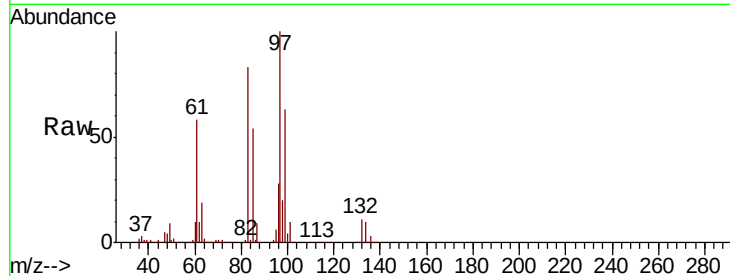




#55
 1,1,2-Trichloroethane
 Concen: 49.73 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

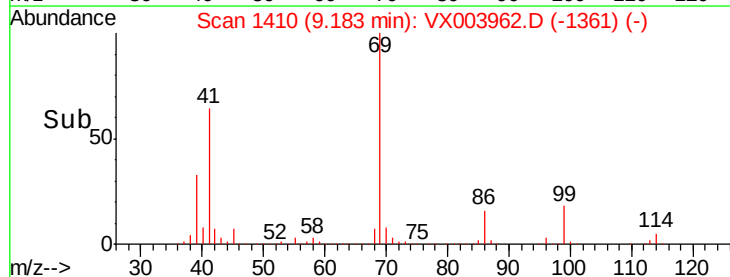
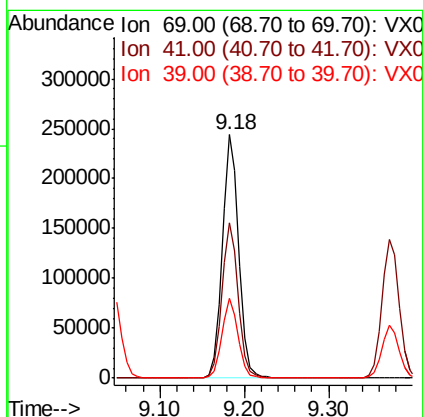
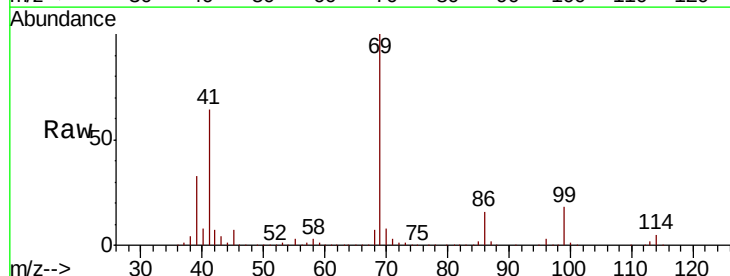
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103SMSD

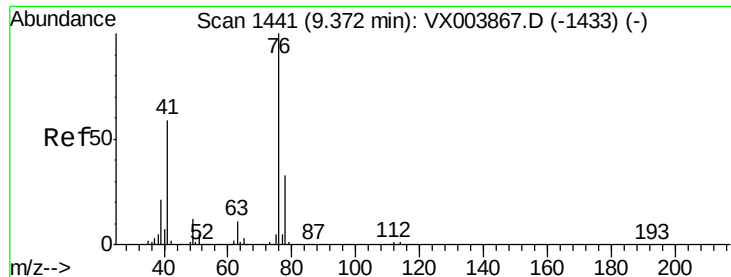
Tot Ion:	97	Resp:	209445
Ion	Ratio	Lower	Upper
97	100		
83	83.2	67.8	101.6
85	54.0	44.2	66.2
99	62.7	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 53.79 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Tgt Ion:	69	Resp:	328708
Ion	Ratio	Lower	Upper
69	100		
41	63.0	50.6	76.0
39	32.2	25.8	38.6

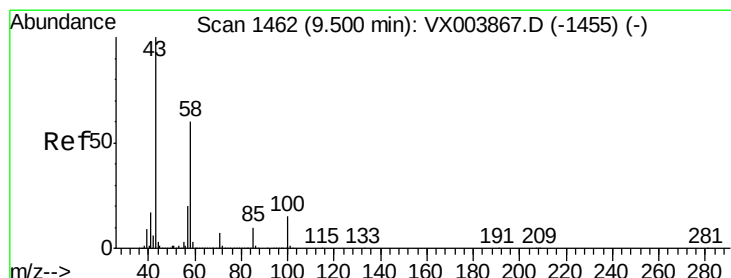
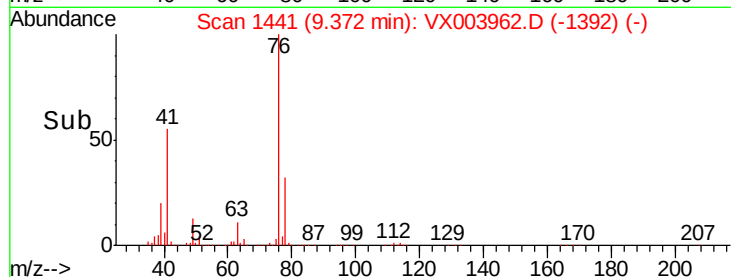
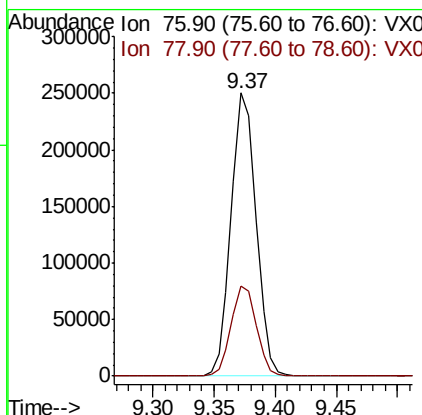
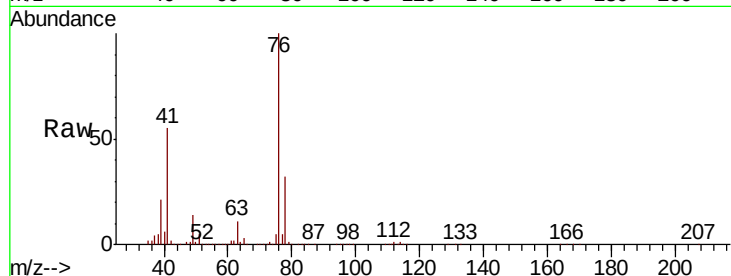




#57
 1,3-Dichloropropane
 Concen: 50.25 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

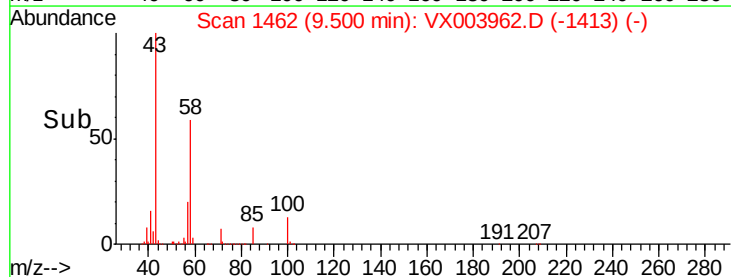
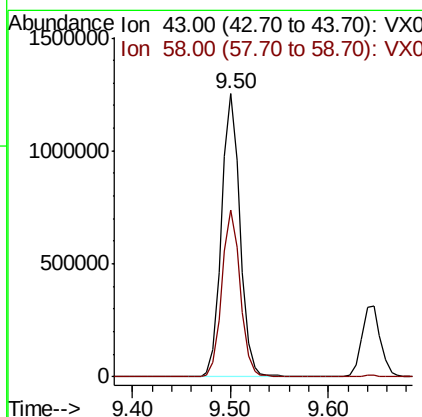
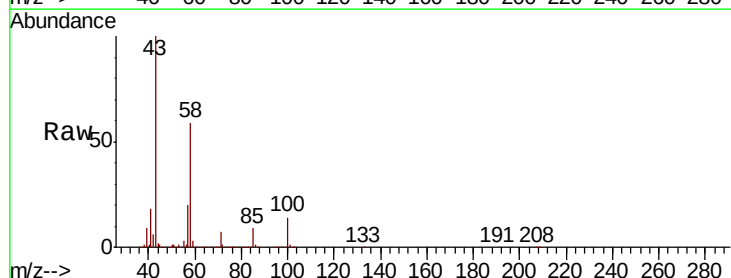
Instrument :
 MSVOA_X
 ClientSampled :
 MW-103SMSD

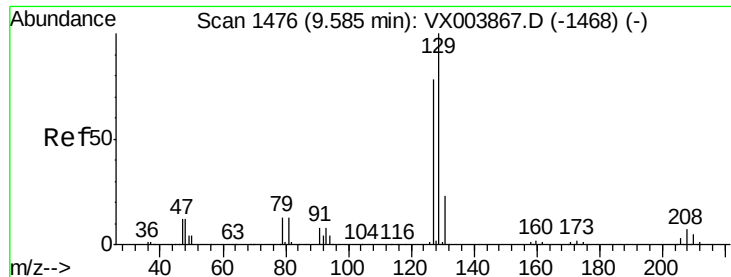
Tot Ion: 76 Resp: 354232
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.9 38.9



#59
 2-Hexanone
 Concen: 295.56 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Tgt Ion: 43 Resp: 1646858
 Ion Ratio Lower Upper
 43 100
 58 58.6 29.0 87.0

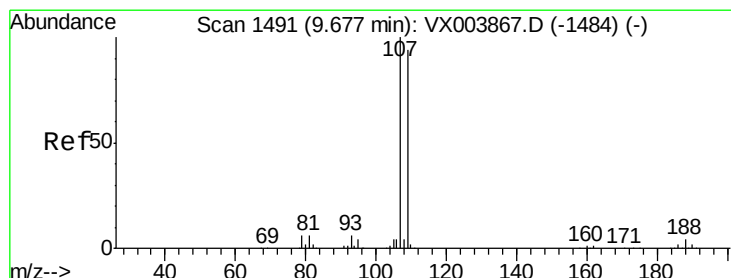
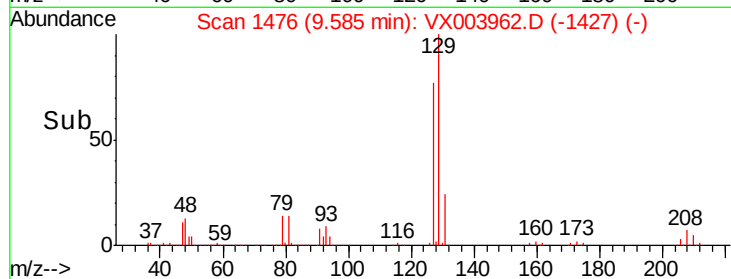
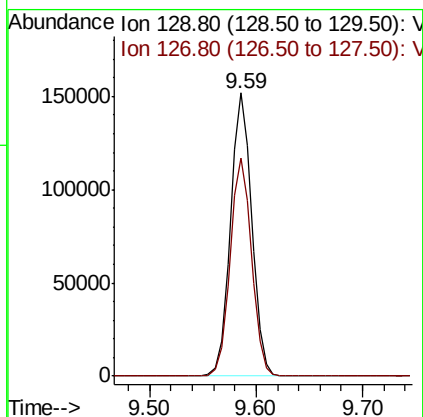
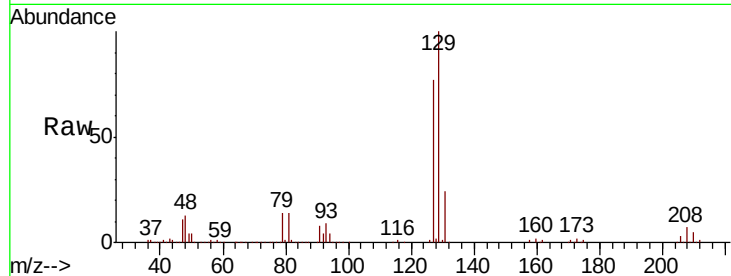




#60
 Dibromochloromethane
 Concen: 54.12 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

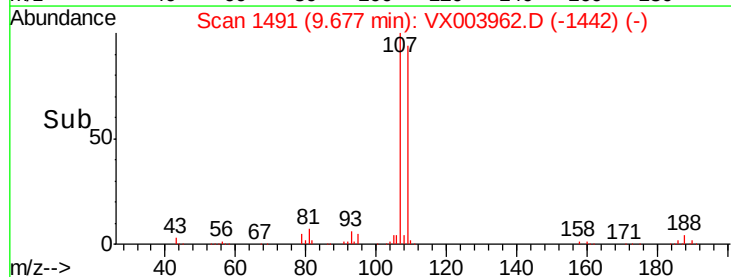
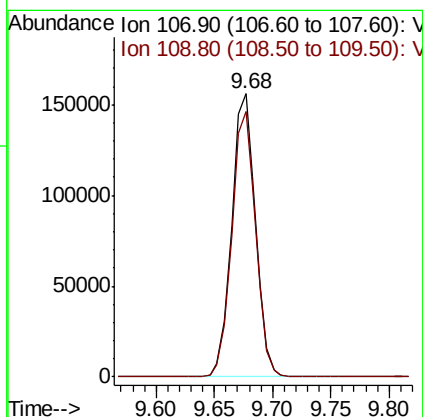
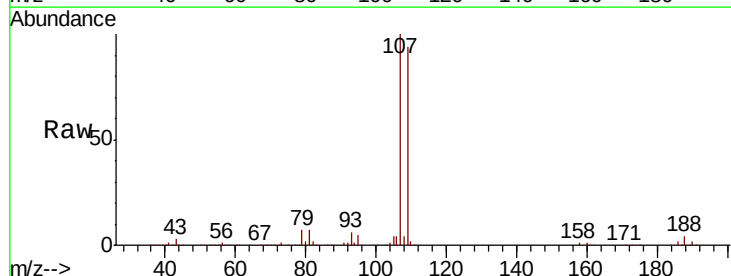
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103SMSD

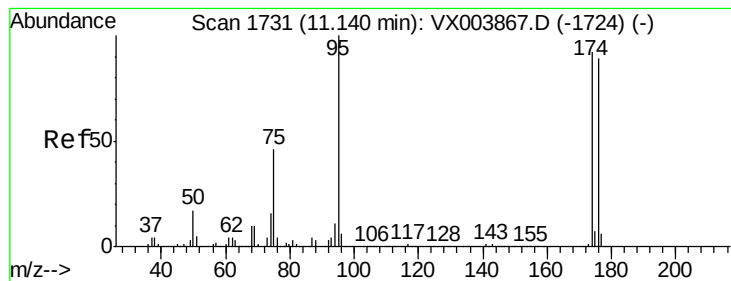
Tot Ion:129 Resp: 212539
 Ion Ratio Lower Upper
 129 100
 127 77.7 38.8 116.3



#61
 1,2-Dibromoethane
 Concen: 52.56 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Tgt Ion:107 Resp: 221632
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.8 113.8





#62

4-Bromofluorobenzene

Concen: 55.06 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

MW-103SMSD

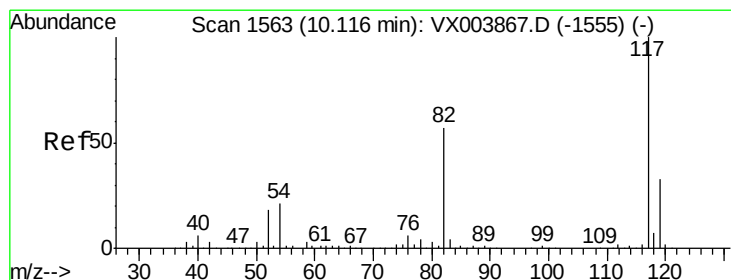
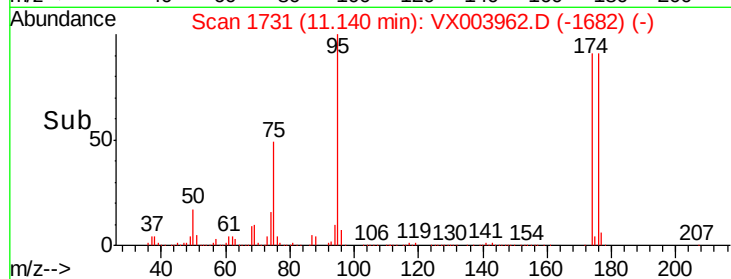
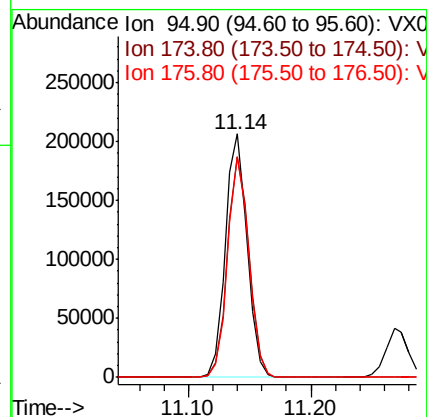
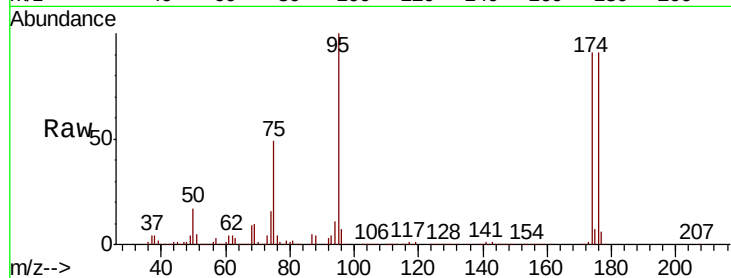
Tot Ion: 95 Resp: 254576

Ion Ratio Lower Upper

95 100

174 90.4 0.0 182.8

176 88.2 0.0 179.0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

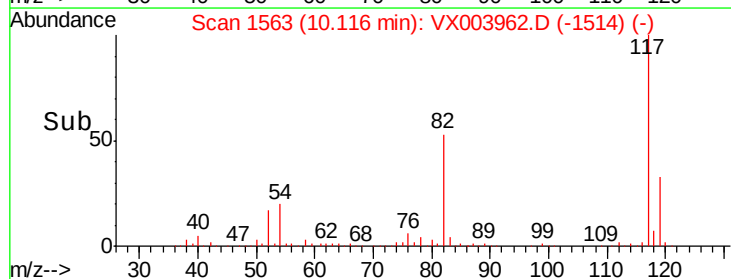
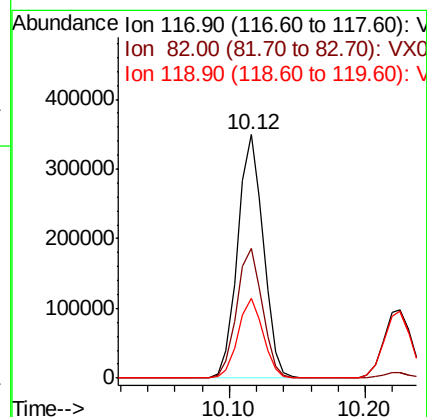
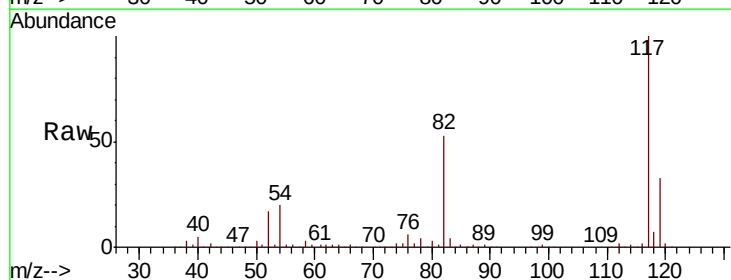
Tgt Ion: 117 Resp: 459294

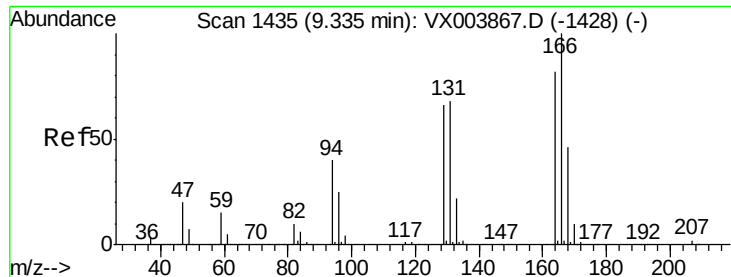
Ion Ratio Lower Upper

117 100

82 53.4 45.4 68.0

119 32.5 26.6 40.0

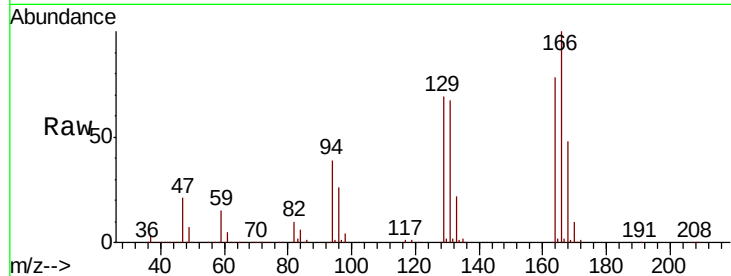




#64
Tetrachloroethene
Concen: 42.02 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Instrument :
MSVOA_X
ClientSampleId :
MW-103SMSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.6	98.0	147.0
129	88.6	64.3	96.5
131	85.7	66.8	100.2



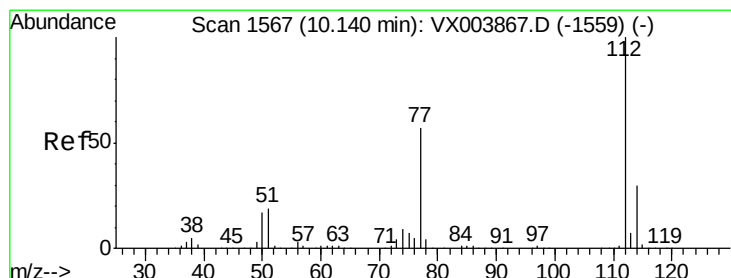
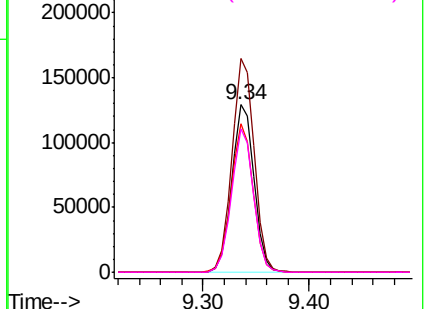
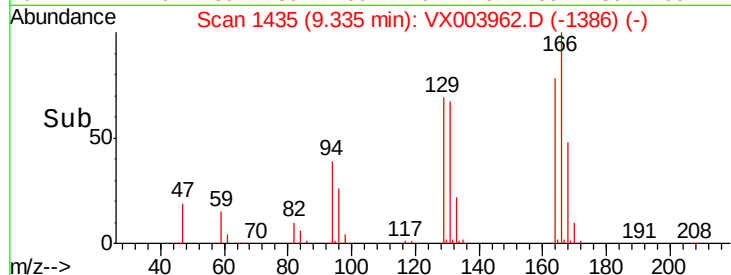
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

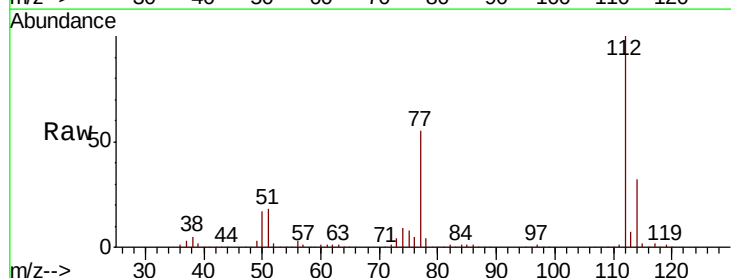
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65
Chlorobenzene
Concen: 47.73 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

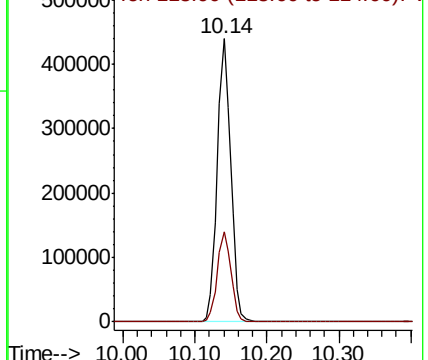
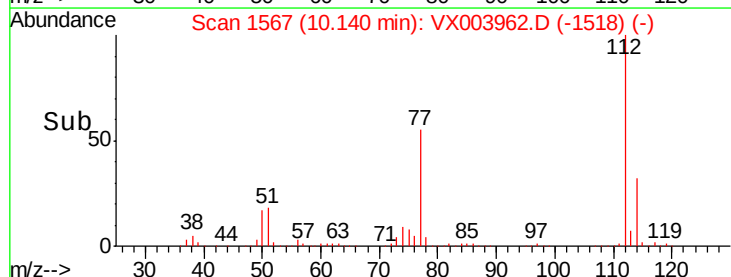
Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.0	23.6	35.4

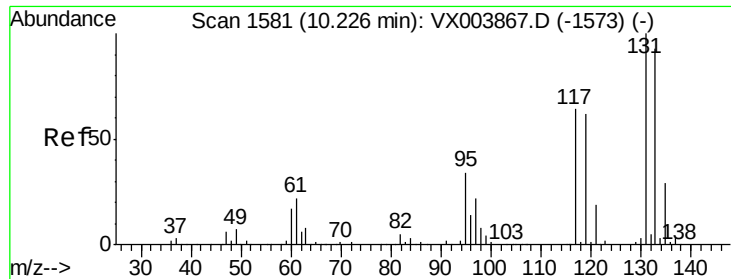


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 49.52 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

MW-103SMSD

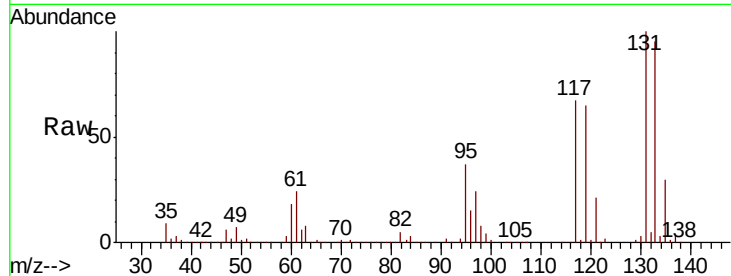
Tot Ion:131 Resp: 203465

Ion Ratio Lower Upper

131 100

133 96.4 47.3 141.8

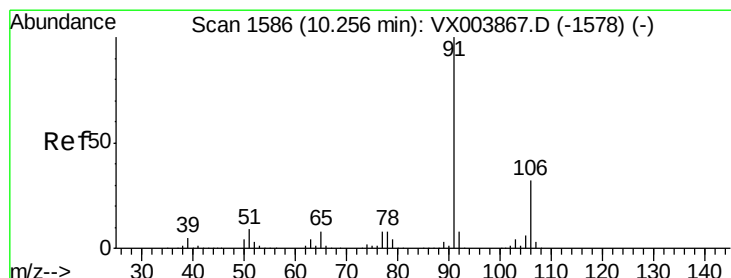
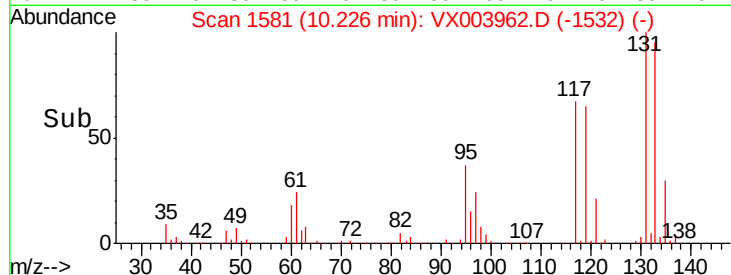
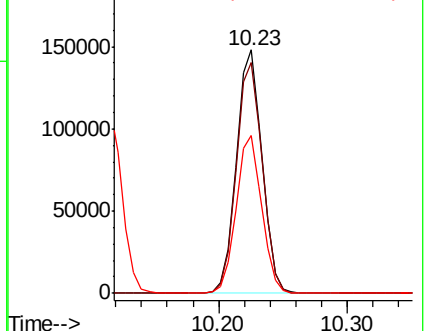
119 65.1 31.6 94.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 49.51 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003962.D

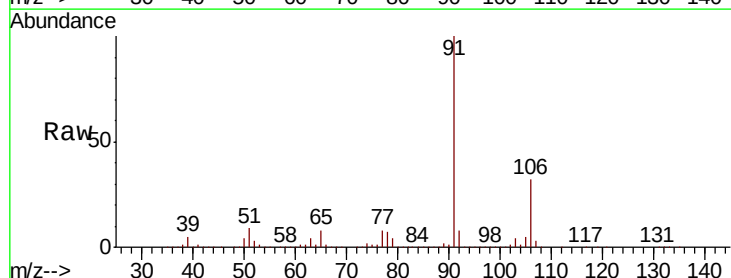
Acq: 09 Aug 2018 20:23

Tgt Ion: 91 Resp: 968606

Ion Ratio Lower Upper

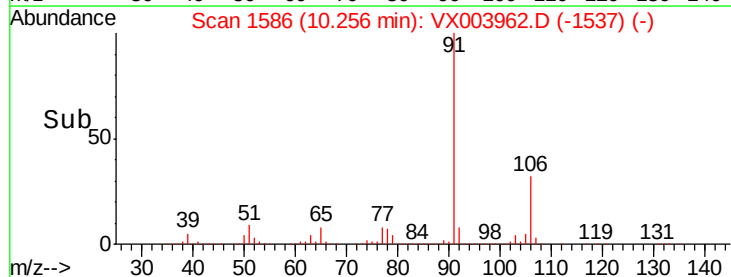
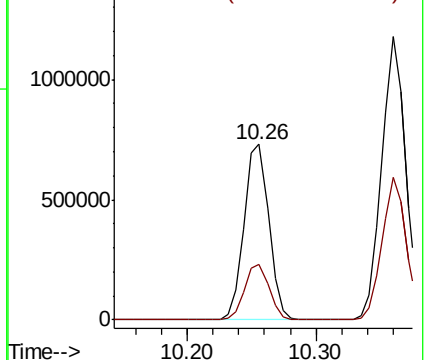
91 100

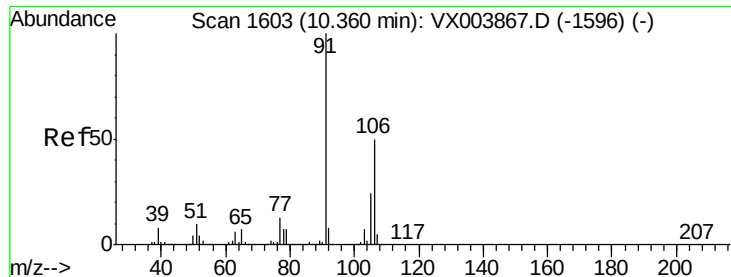
106 31.9 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 100.42 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

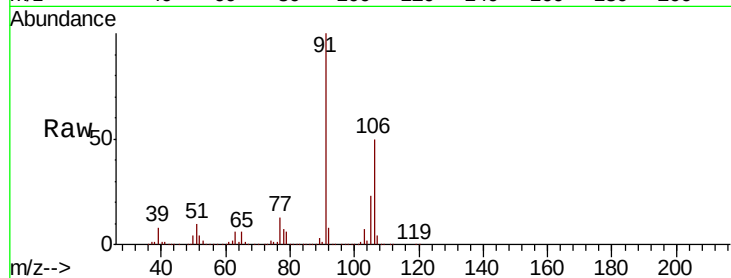
MW-103SMSD

Tot Ion:106 Resp: 767621

Ion Ratio Lower Upper

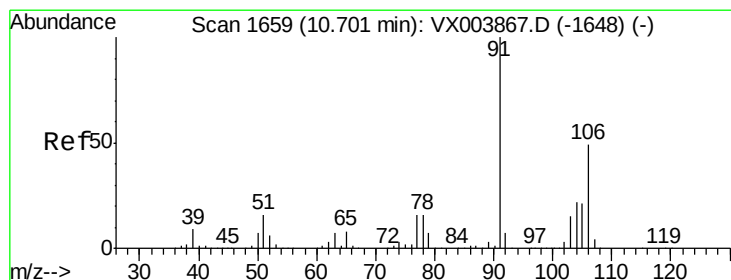
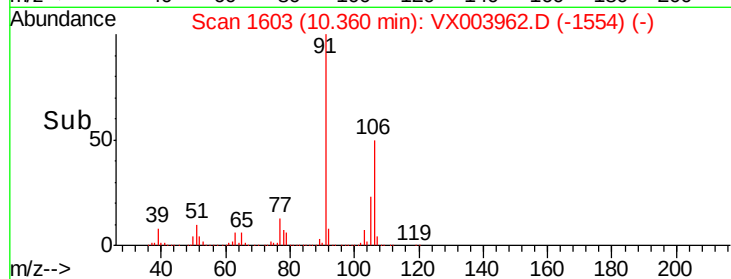
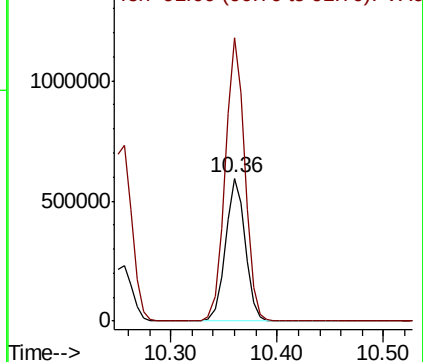
106 100

91 197.9 162.3 243.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 51.50 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX003962.D

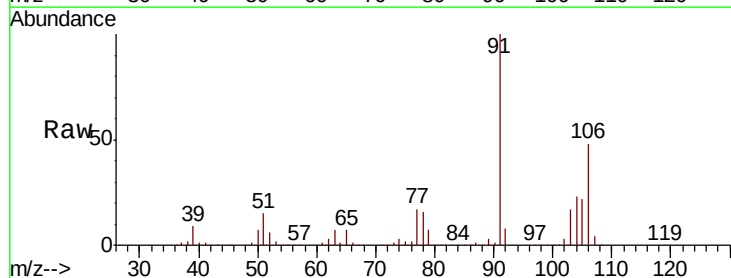
Acq: 09 Aug 2018 20:23

Tgt Ion:106 Resp: 371632

Ion Ratio Lower Upper

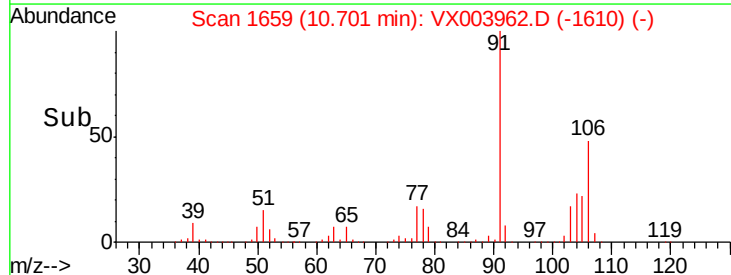
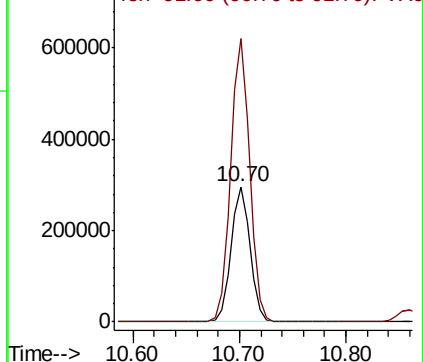
106 100

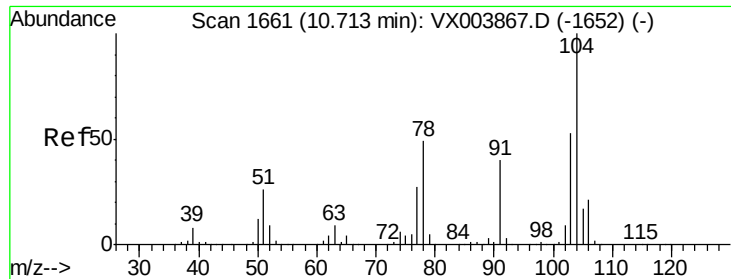
91 209.1 101.9 305.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

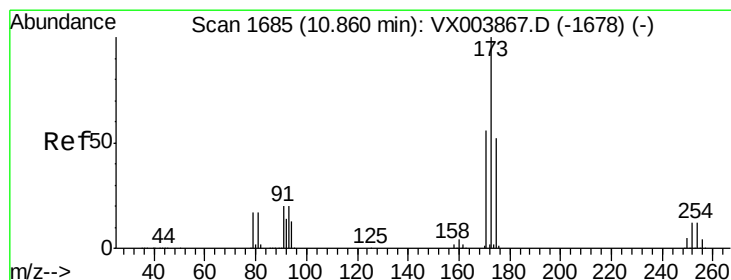
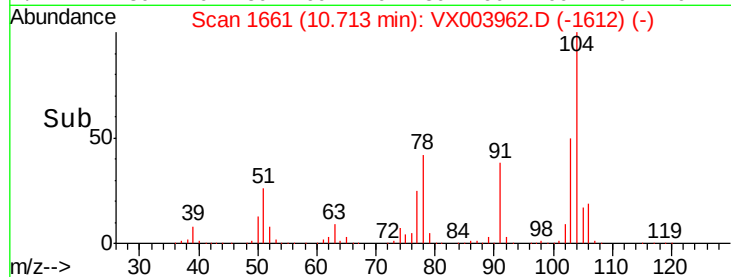
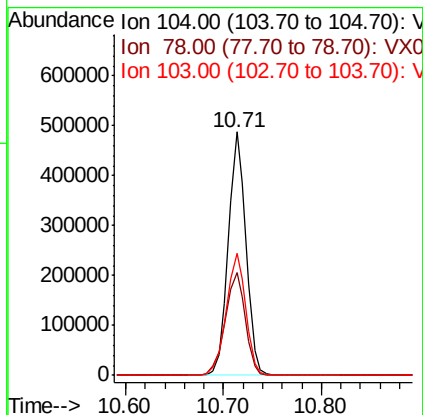
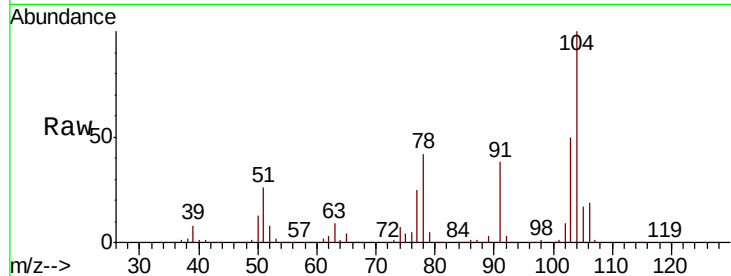




#70
Stvrene
Concen: 51.94 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

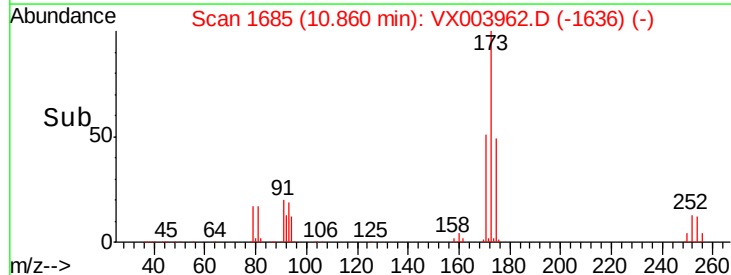
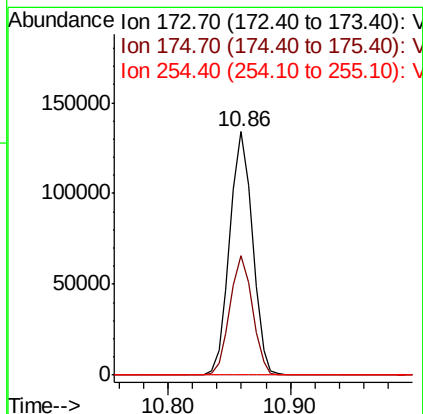
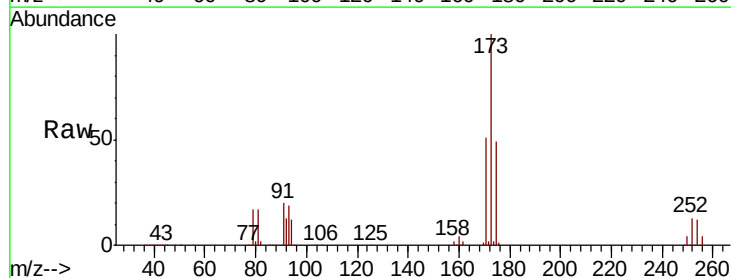
Instrument :
MSVOA_X
ClientSampleId :
MW-103SMSD

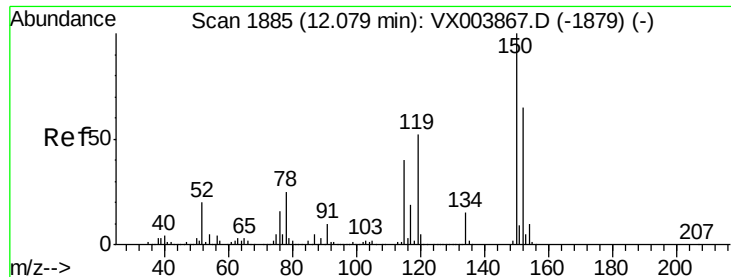
Tot Ion:104 Resp: 613631
Ion Ratio Lower Upper
104 100
78 47.9 39.8 59.6
103 54.9 44.3 66.5



#71
Bromoform
Concen: 49.49 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Tgt Ion:173 Resp: 172281
Ion Ratio Lower Upper
173 100
175 48.8 24.9 74.7
254 0.2 0.2 0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

MW-103SMSD

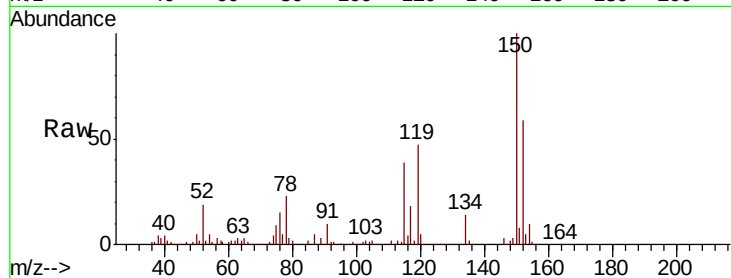
Tot Ion:152 Resp: 262927

Ion Ratio Lower Upper

152 100

115 80.3 39.1 117.3

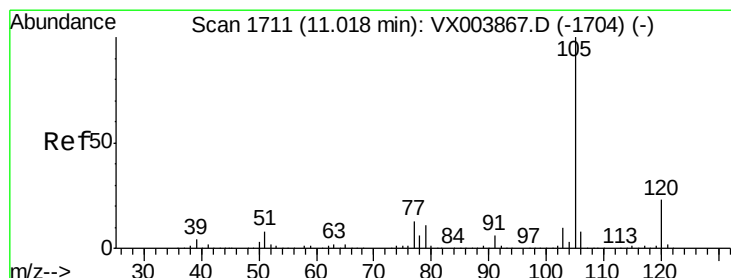
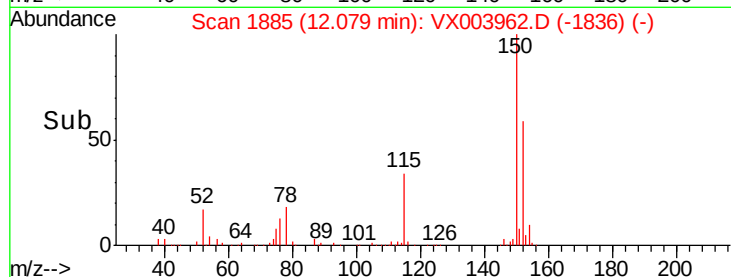
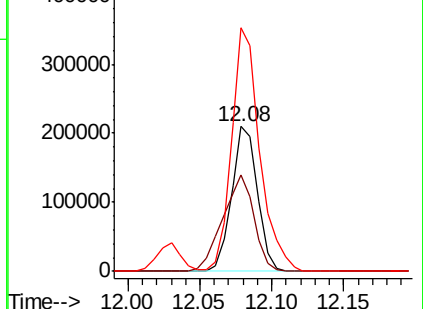
150 183.3 0.0 349.2



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: 50.64 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003962.D

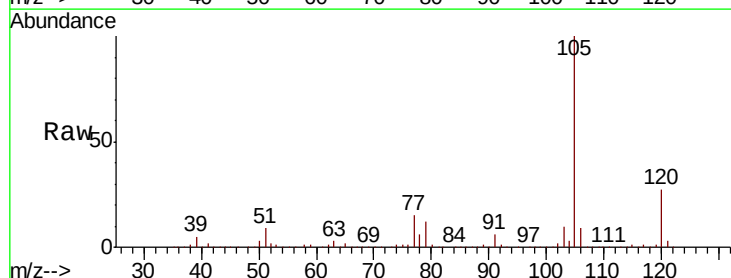
Acq: 09 Aug 2018 20:23

Tgt Ion:105 Resp: 985025

Ion Ratio Lower Upper

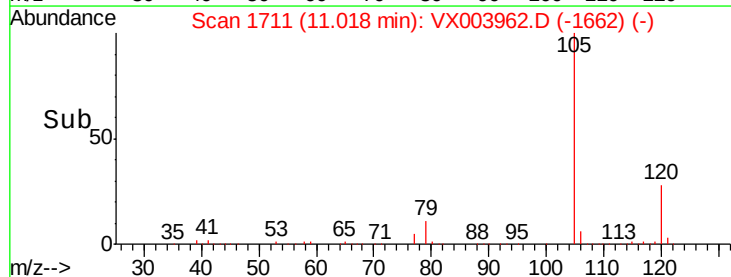
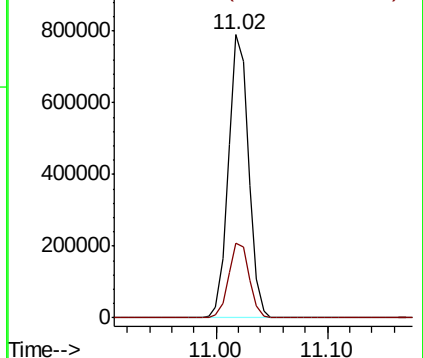
105 100

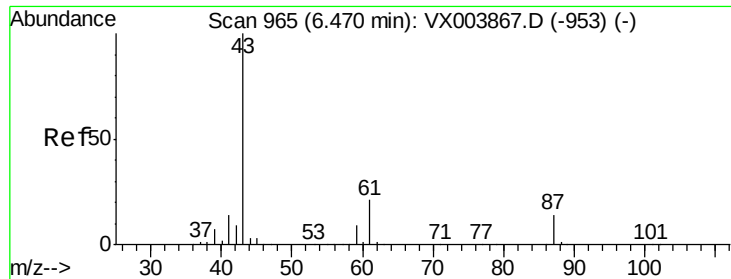
120 27.1 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 45.07 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

MW-103SMSD

Tot Ion: 43 Resp: 455851

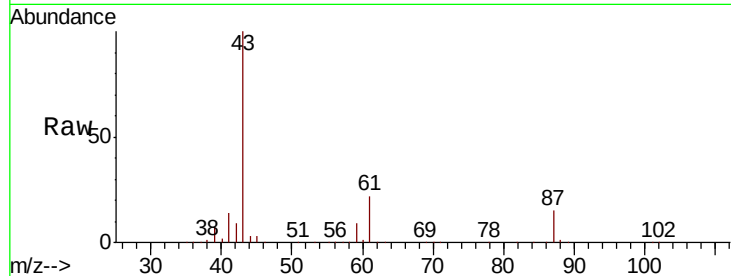
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.0 0.1 0.1#

61 21.3 16.9 25.3

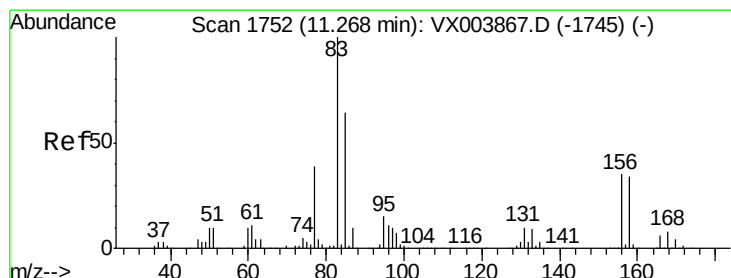
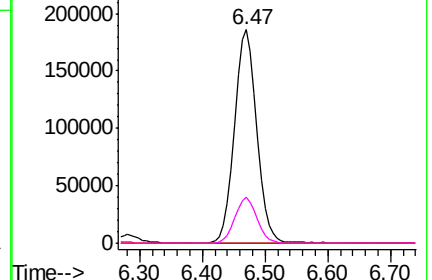
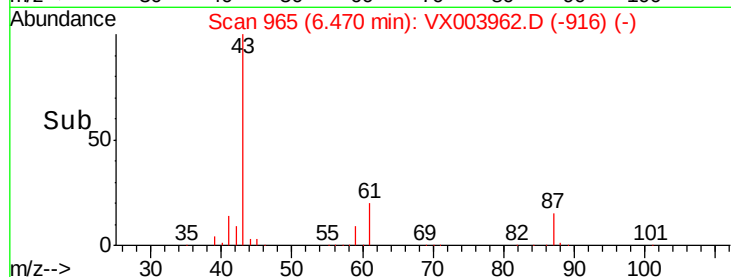


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 51.25 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

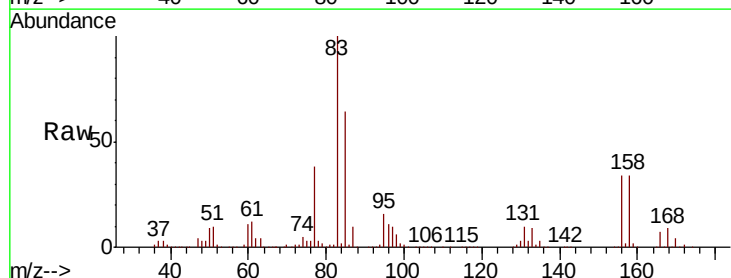
Tgt Ion: 83 Resp: 341654

Ion Ratio Lower Upper

83 100

131 10.7 5.2 15.6

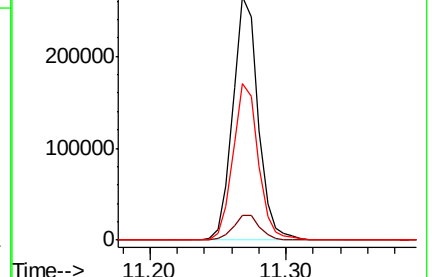
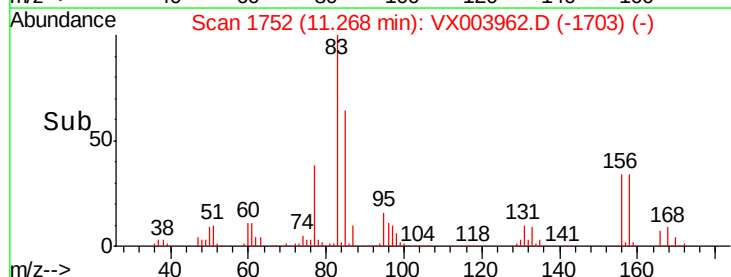
85 64.9 32.2 96.6

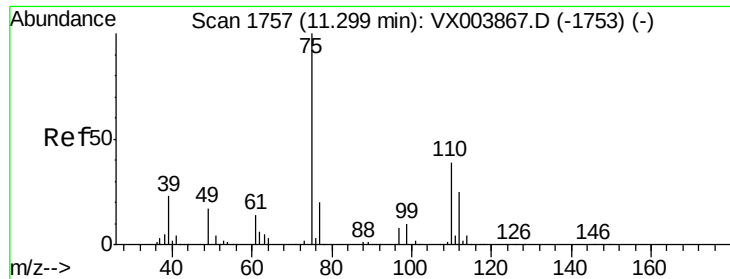


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

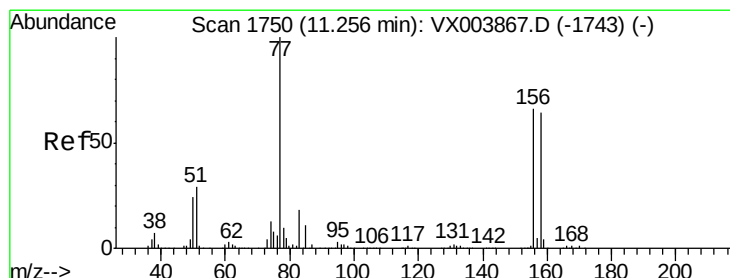
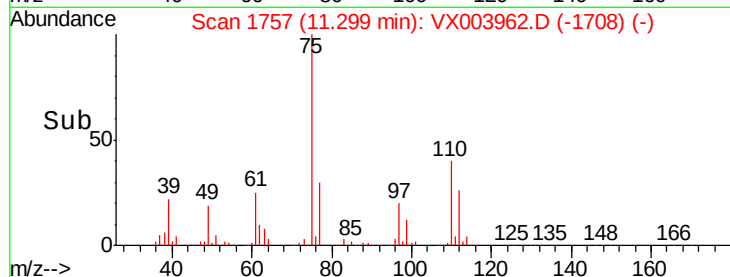
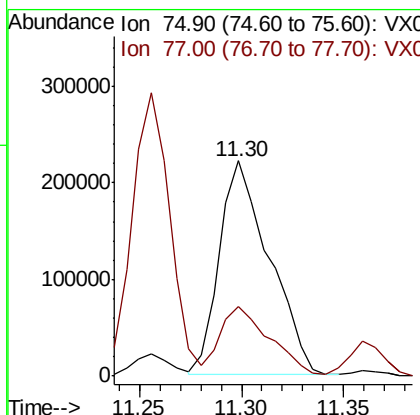
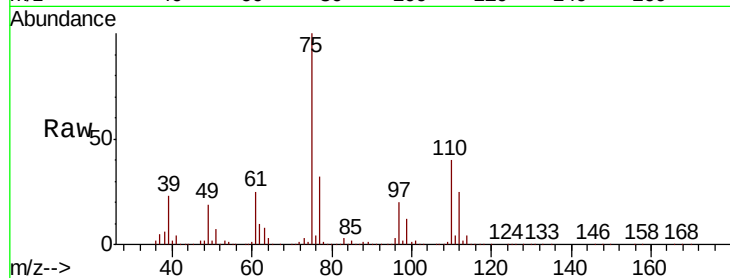




#76
 1,2,3-Trichloropropane
 Concen: 64.91 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

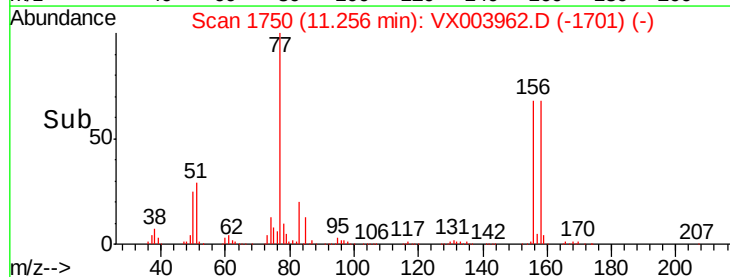
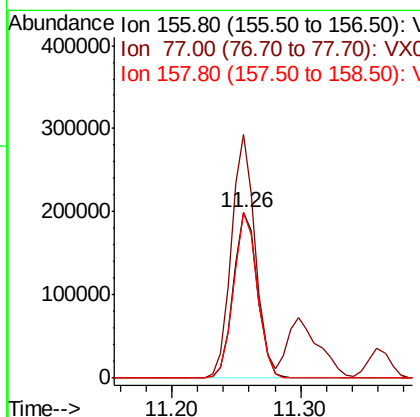
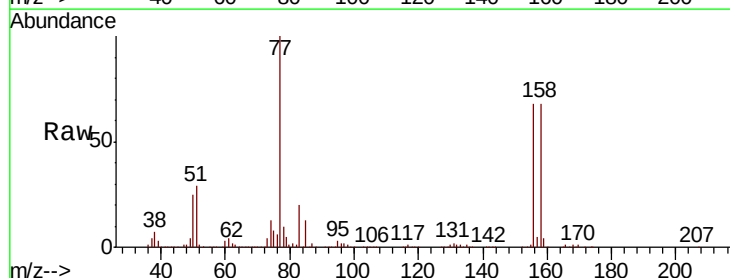
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103SMSD

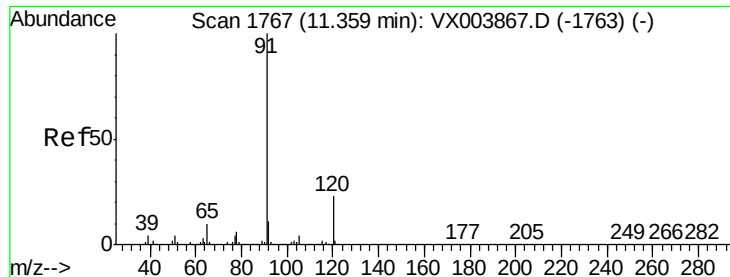
Tot Ion: 75 Resp: 376947
 Ion Ratio Lower Upper
 75 100
 77 32.4 20.8 62.5



#77
 Bromobenzene
 Concen: 50.19 ug/l
 RT: 11.26 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Tgt Ion: 156 Resp: 260415
 Ion Ratio Lower Upper
 156 100
 77 145.4 74.1 222.2
 158 98.5 48.6 145.9





#78

n-propylbenzene

Concen: 51.20 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampled :

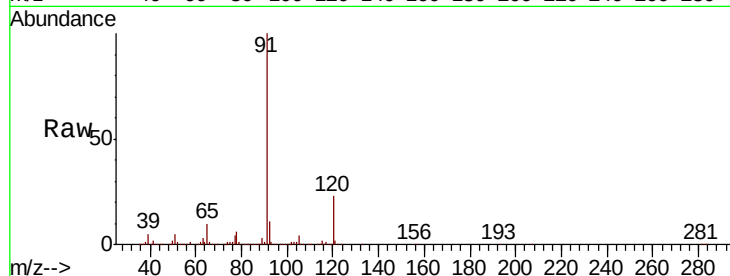
MW-103SMSD

Tot Ion: 91 Resp: 1118215

Ion Ratio Lower Upper

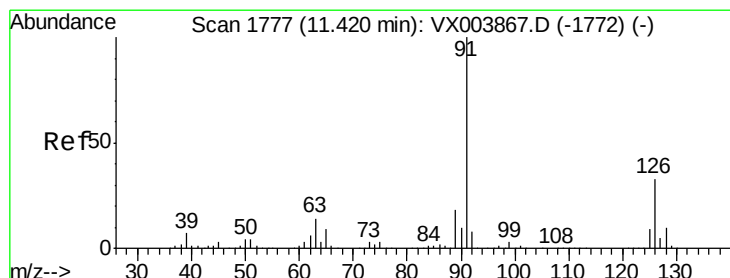
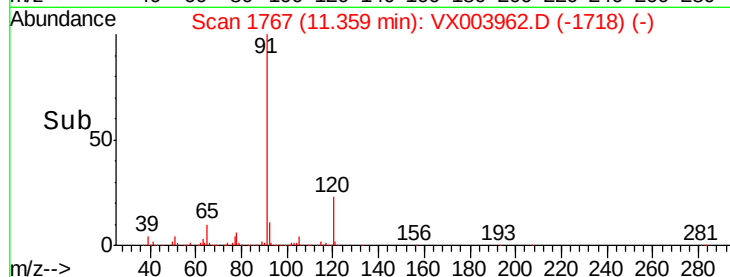
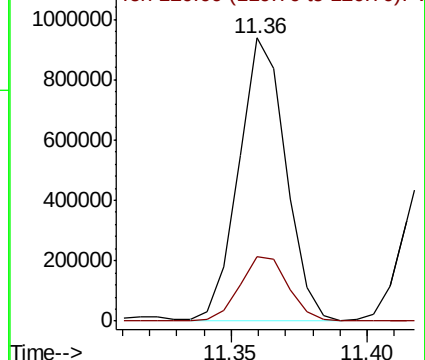
91 100

120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 49.86 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003962.D

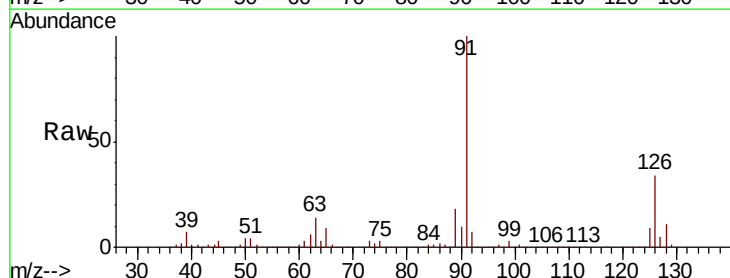
Acq: 09 Aug 2018 20:23

Tgt Ion: 91 Resp: 663928

Ion Ratio Lower Upper

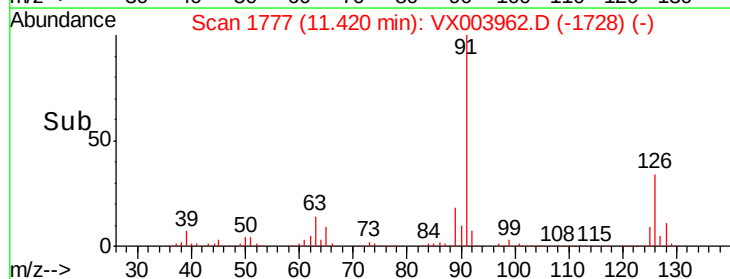
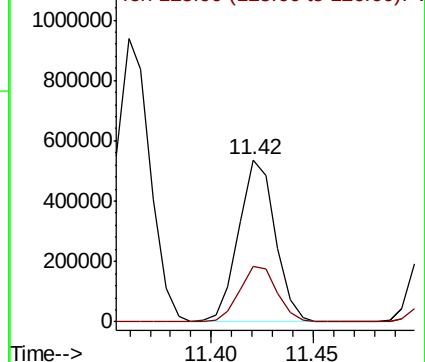
91 100

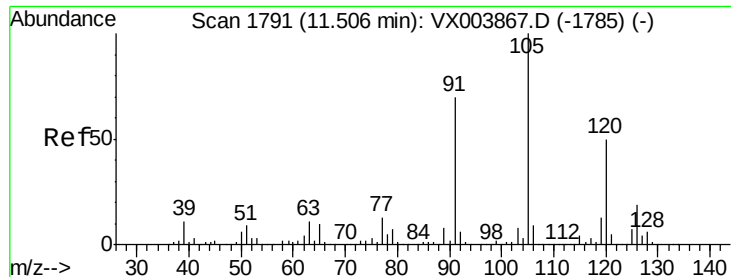
126 35.5 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

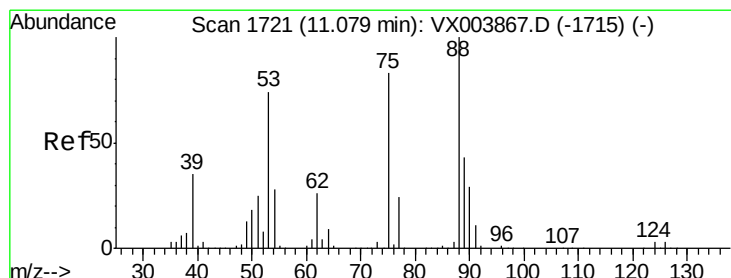
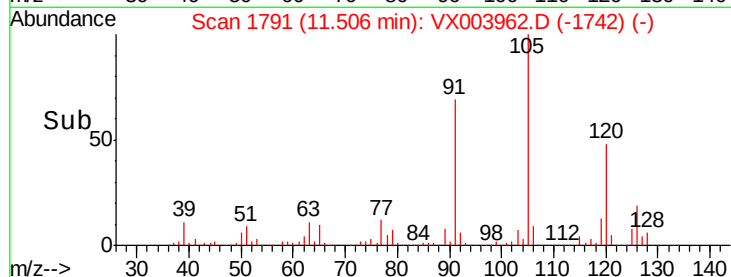
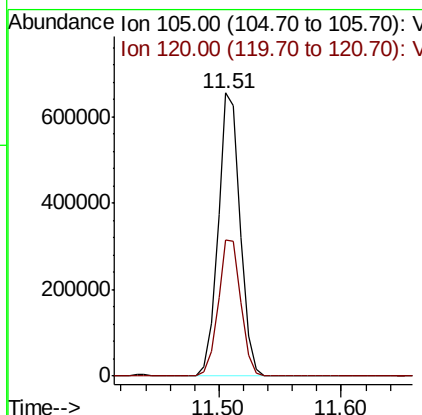
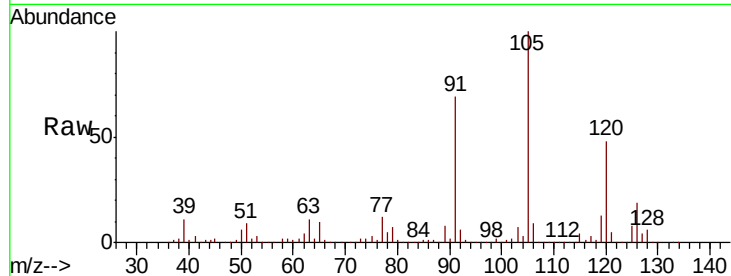




#80
 1,3,5-Trimethylbenzene
 Concen: 51.61 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

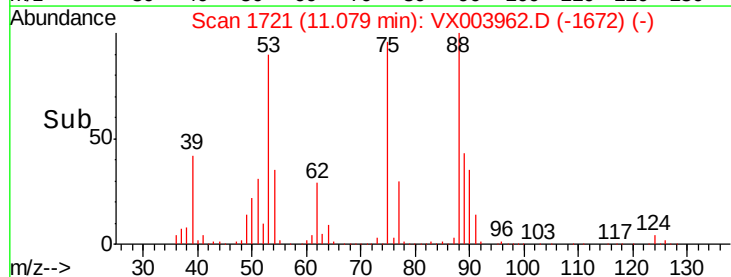
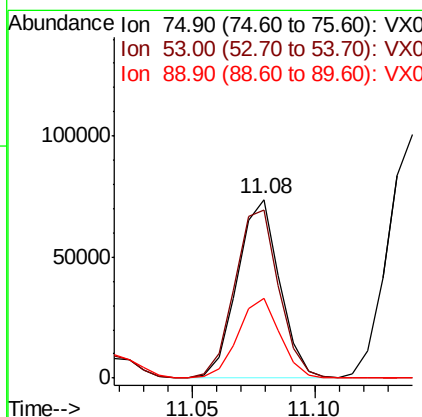
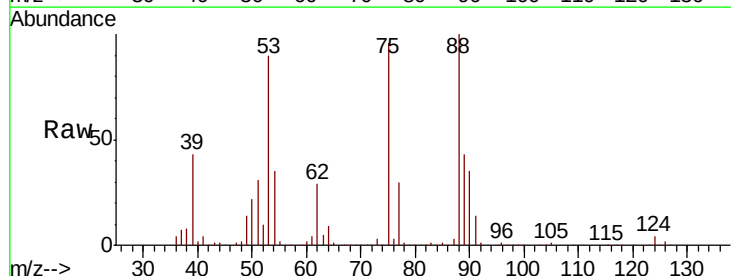
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103SMSD

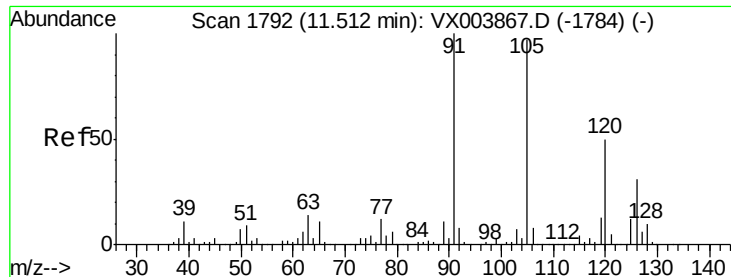
Tot Ion:105 Resp: 818510
 Ion Ratio Lower Upper
 105 100
 120 49.6 25.4 76.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.69 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Tgt Ion: 75 Resp: 88182
 Ion Ratio Lower Upper
 75 100
 53 98.7 80.3 120.5
 89 44.8 37.8 56.8

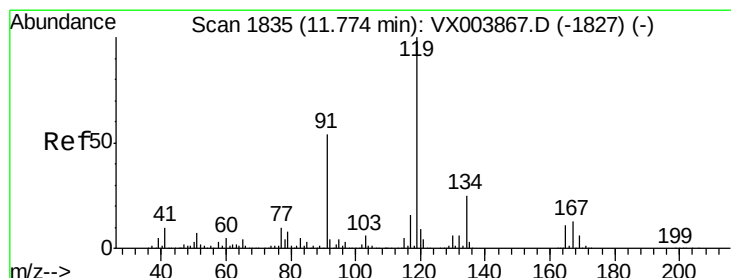
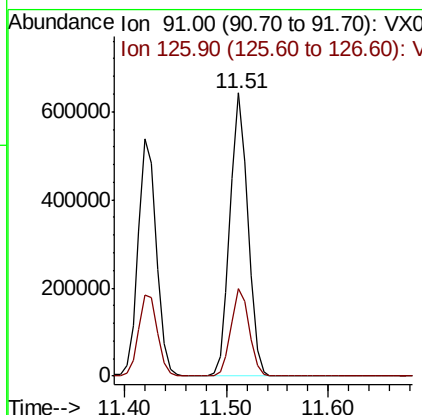
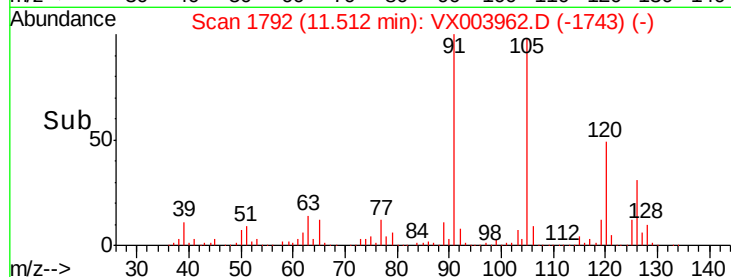
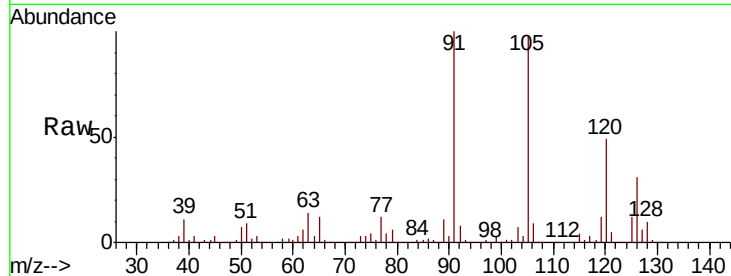




#82
4-Chlorotoluene
Concen: 49.73 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

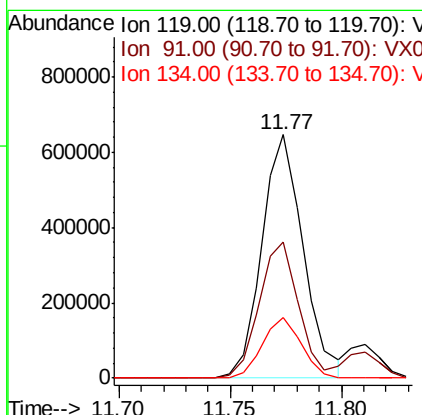
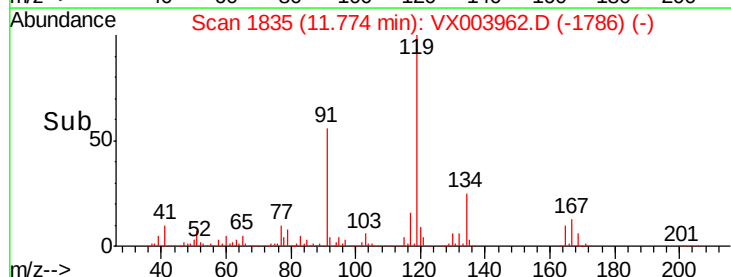
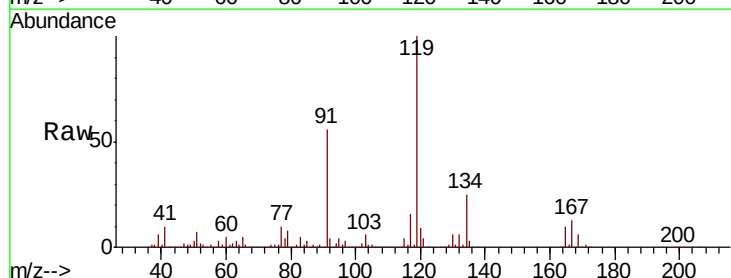
Instrument :
MSVOA_X
ClientSampled :
MW-103SMSD

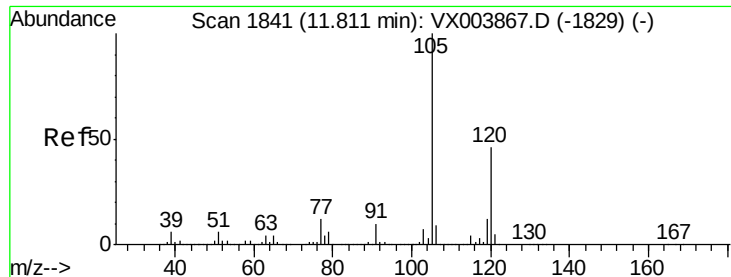
Tot Ion: 91 Resp: 775872
Ion Ratio Lower Upper
91 100
126 31.0 15.6 46.7



#83
tert-Butylbenzene
Concen: 53.36 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Tgt Ion:119 Resp: 832568
Ion Ratio Lower Upper
119 100
91 53.2 26.9 80.7
134 23.8 12.0 36.0

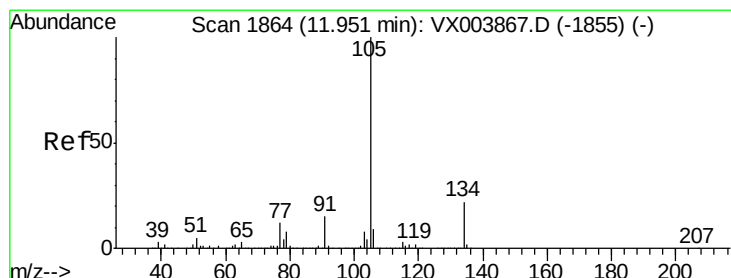
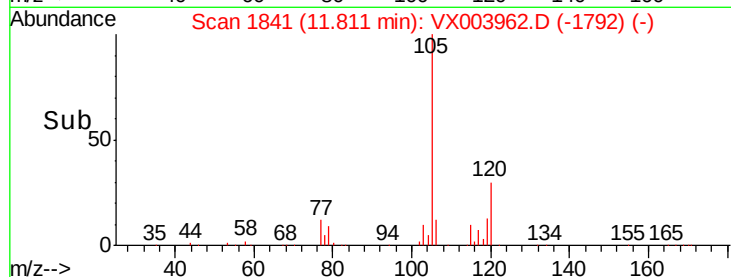
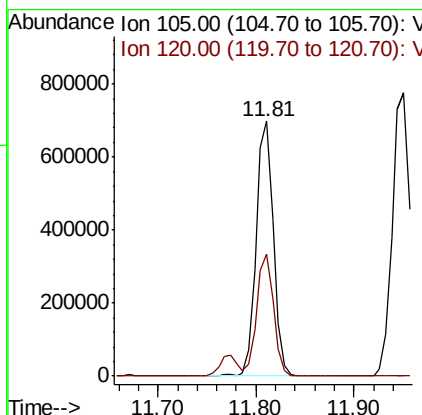
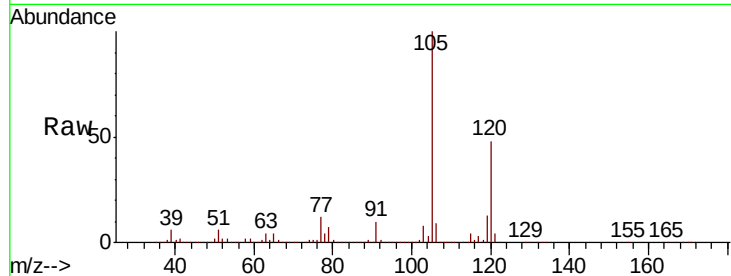




#84
 1,2,4-Trimethylbenzene
 Concen: 53.39 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

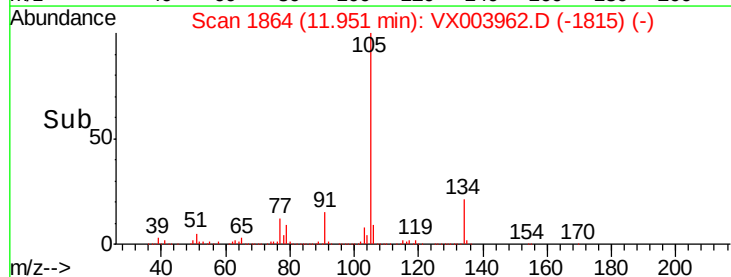
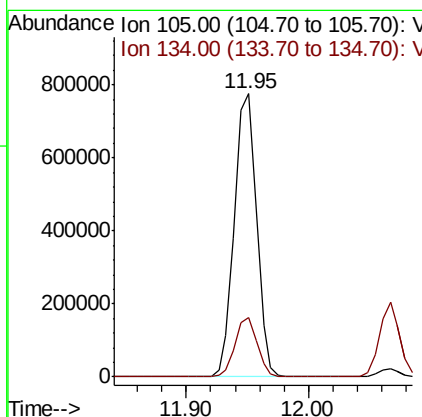
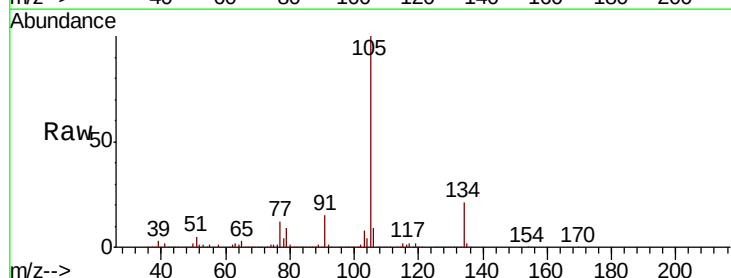
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103SMSD

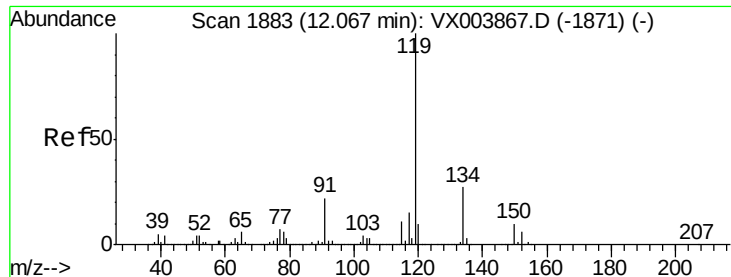
Tot Ion:105 Resp: 851494
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 52.68 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Tgt Ion:105 Resp: 970041
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.3 30.9





#86

p-Isopropyltoluene

Concen: 50.98 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

MW-103SMSD

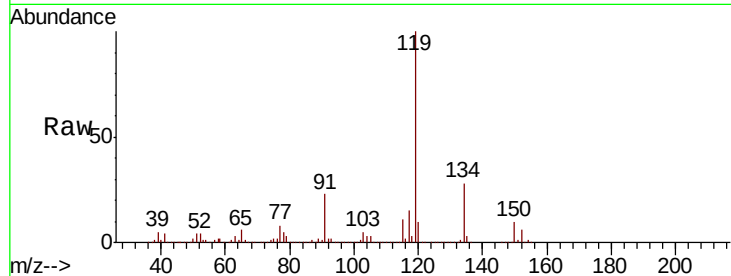
Tot Ion:119 Resp: 842385

Ion Ratio Lower Upper

119 100

134 27.9 13.3 39.8

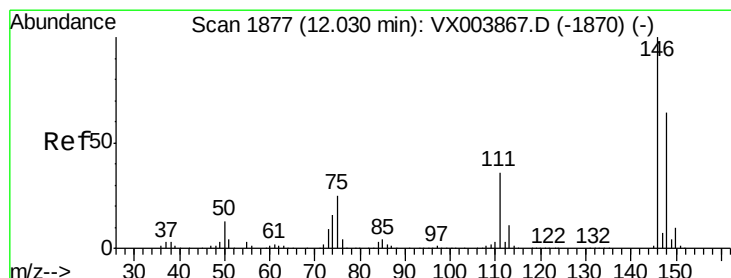
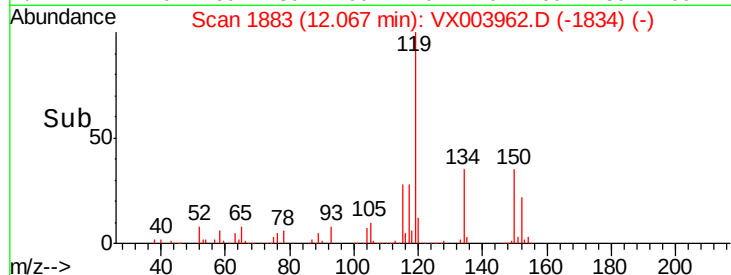
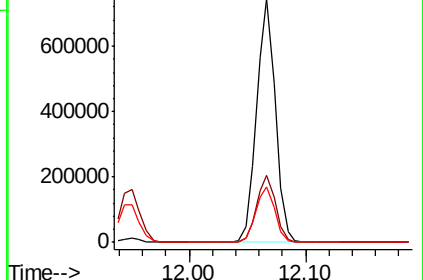
91 23.0 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 48.56 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

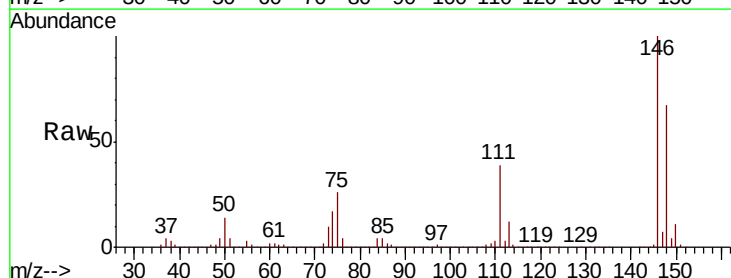
Tgt Ion:146 Resp: 465778

Ion Ratio Lower Upper

146 100

111 38.8 18.8 56.4

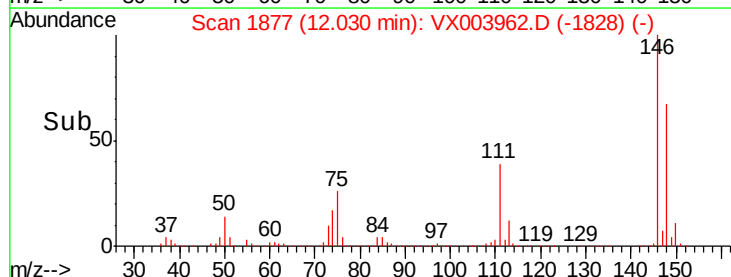
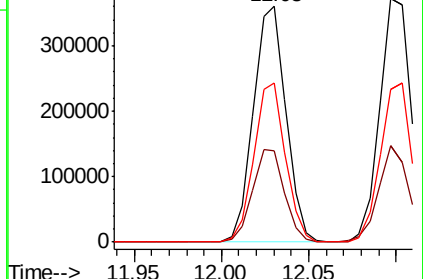
148 65.4 31.9 95.5

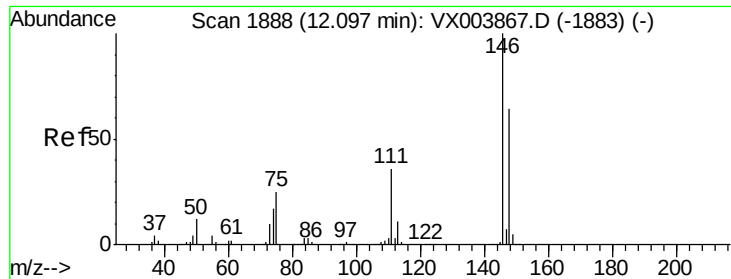


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

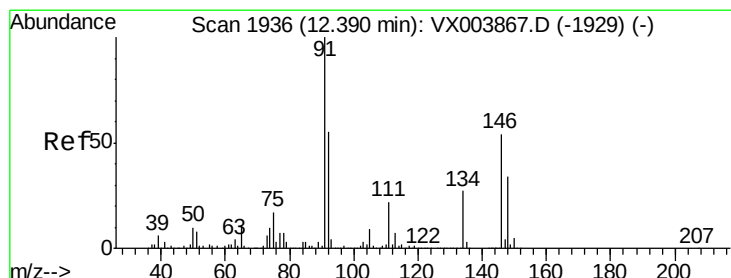
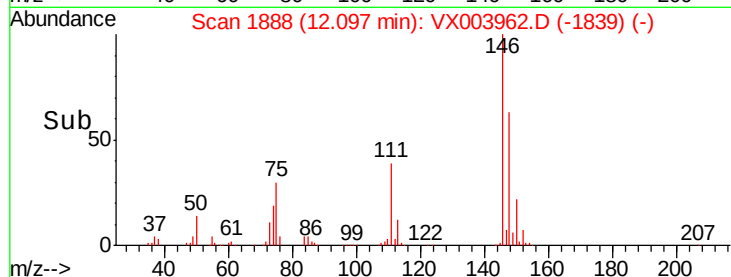
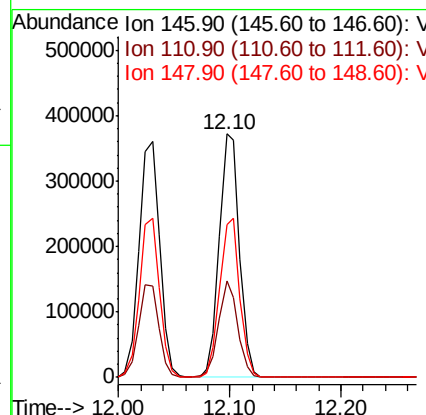
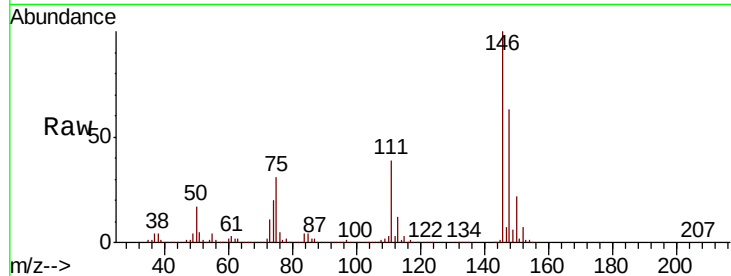




#88
 1,4-Dichlorobenzene
 Concen: 50.82 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

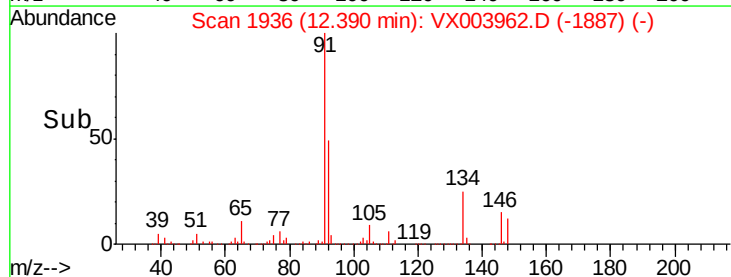
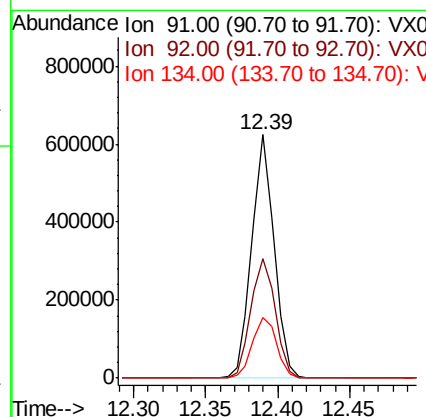
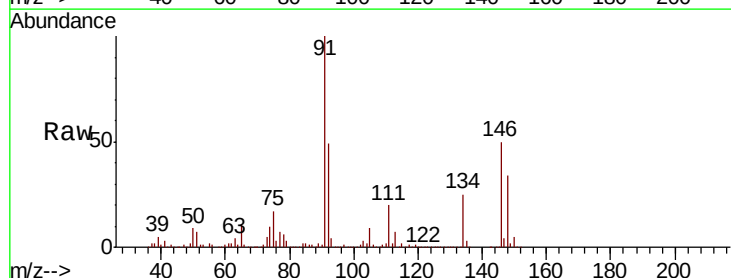
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103MSMD

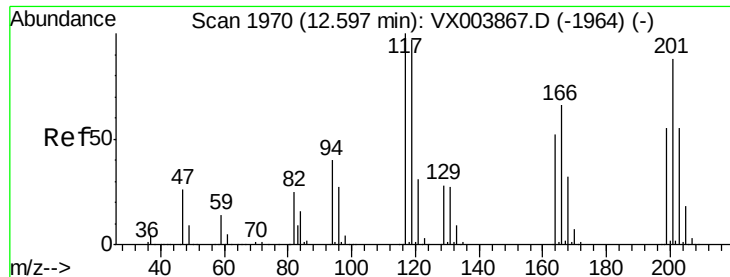
Tot Ion:146 Resp: 467351
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.4 55.0
 148 64.9 32.3 96.8



#89
 n-Butylbenzene
 Concen: 46.55 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Tgt Ion: 91 Resp: 670300
 Ion Ratio Lower Upper
 91 100
 92 53.2 27.1 81.3
 134 27.1 13.6 40.7





#90

Hexachloroethane

Concen: 47.94 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

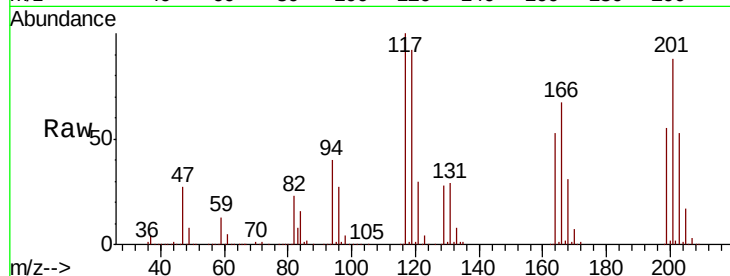
MW-103SMSD

Tot Ion:117 Resp: 128623

Ion Ratio Lower Upper

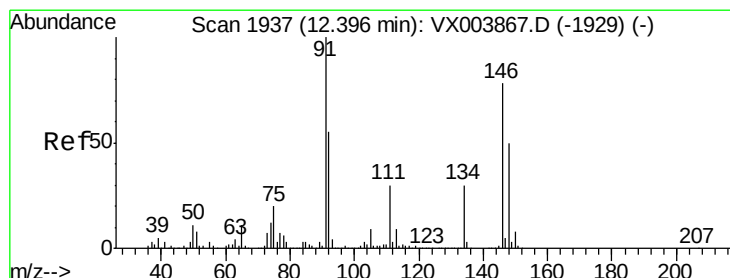
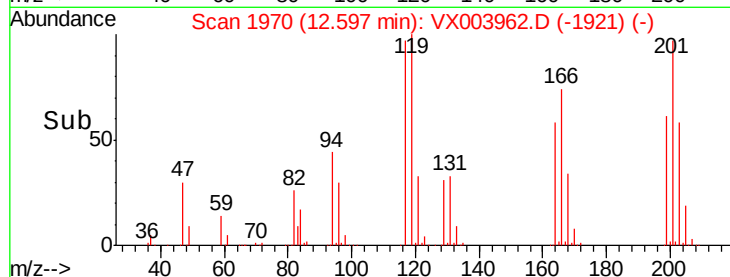
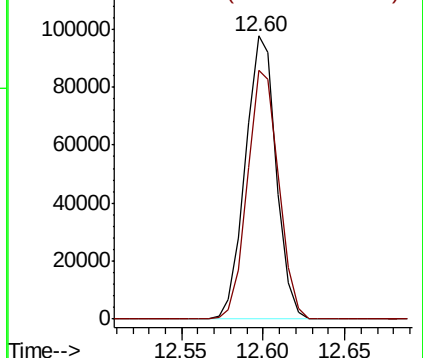
117 100

201 89.1 46.1 138.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 46.36 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

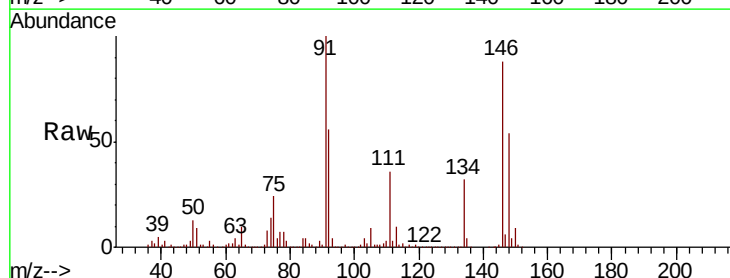
Tgt Ion:146 Resp: 440735

Ion Ratio Lower Upper

146 100

111 39.8 19.7 59.0

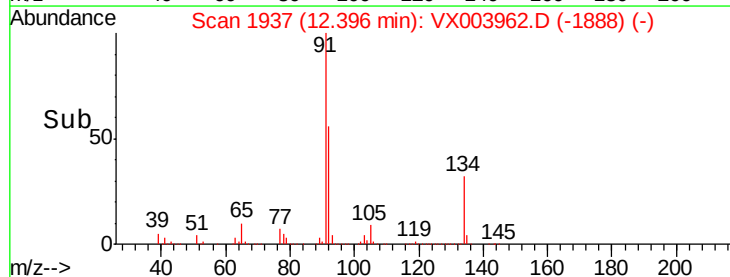
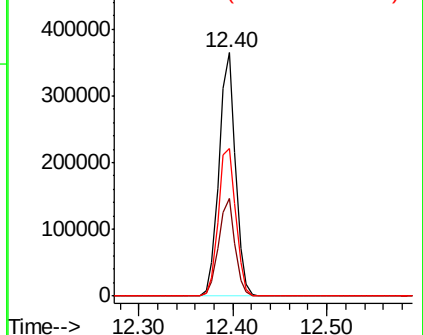
148 64.6 31.9 95.5

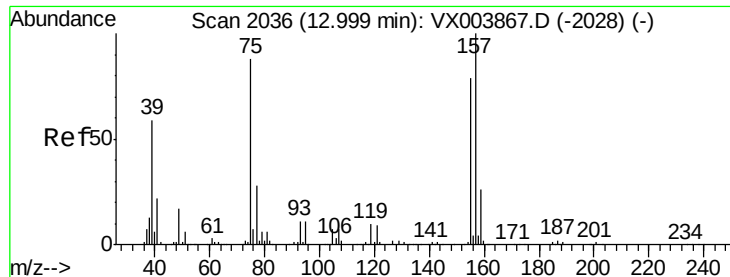


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.24 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

MW-103MSMD

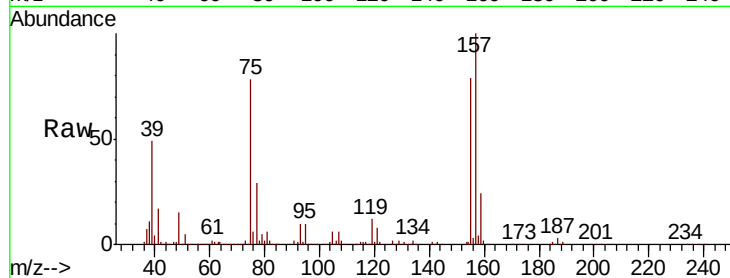
Tot Ion: 75 Resp: 69976

Ion Ratio Lower Upper

75 100

155 96.2 48.7 146.1

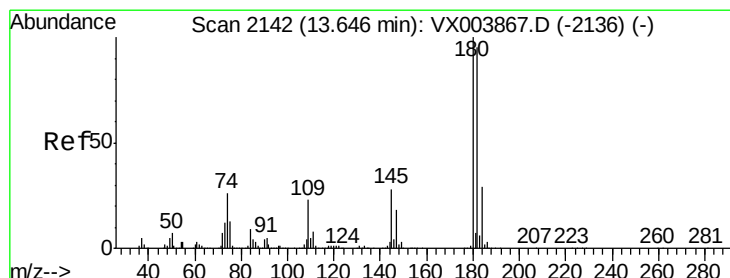
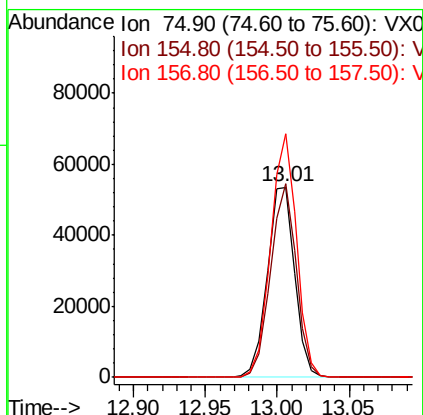
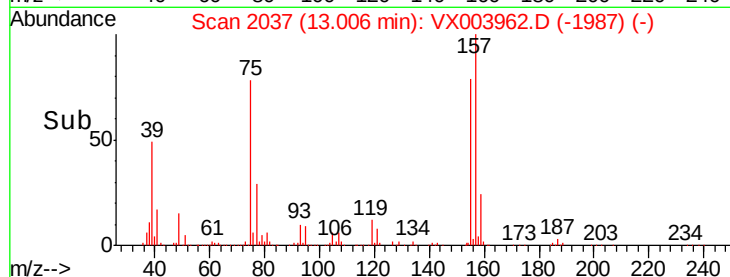
157 122.2 62.6 187.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 49.39 ug/l

RT: 13.65 min Scan# 2142

Delta R.T. -0.00 min

Lab File: VX003962.D

Acq: 09 Aug 2018 20:23

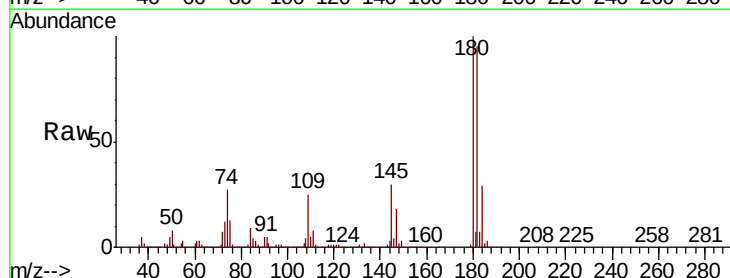
Tgt Ion:180 Resp: 337734

Ion Ratio Lower Upper

180 100

182 96.1 47.7 143.1

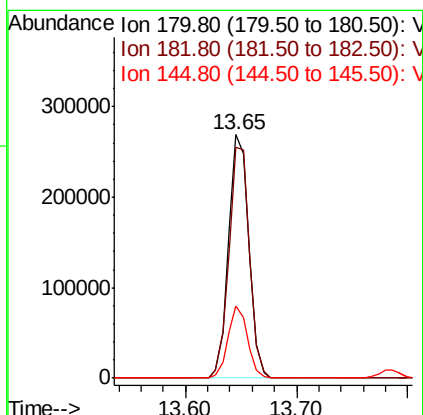
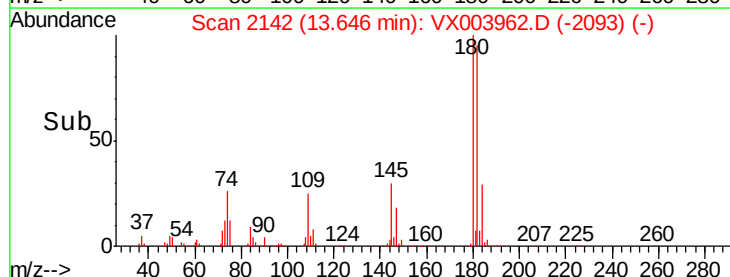
145 28.6 13.9 41.6

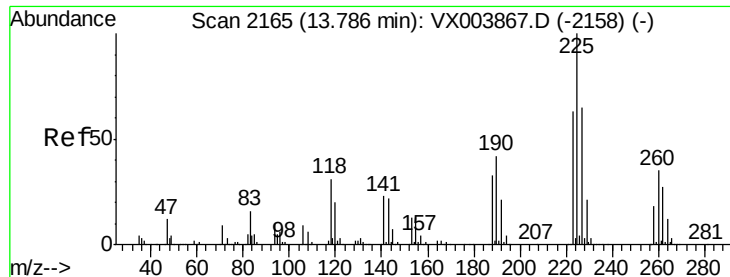


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

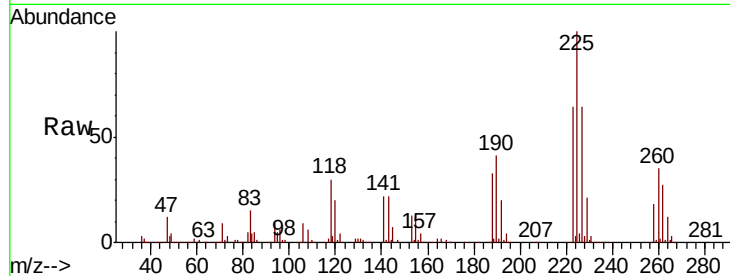




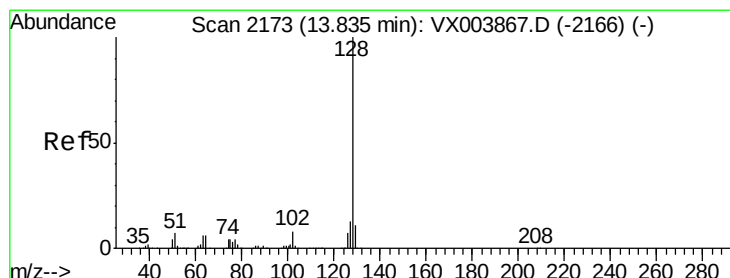
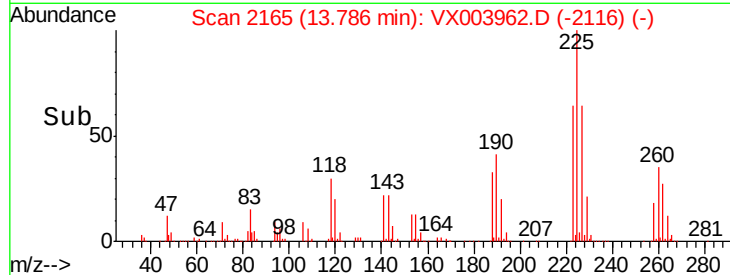
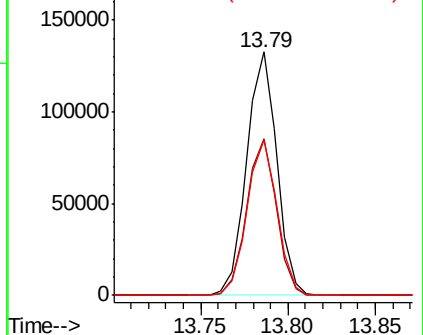
#94
Hexachlorobutadiene
Concen: 52.47 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Instrument :
MSVOA_X
ClientSampleId :
MW-103SMSD

Tot Ion:225 Resp: 158350
Ion Ratio Lower Upper
225 100
223 63.5 31.4 94.0
227 63.5 32.1 96.5

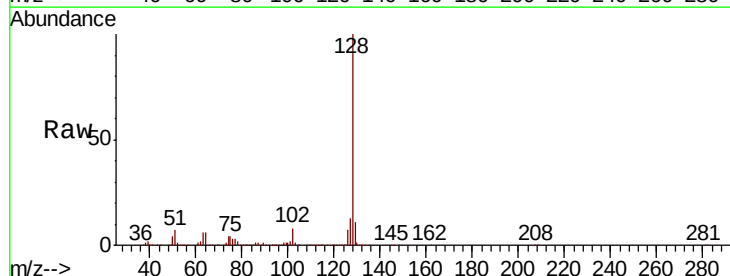


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

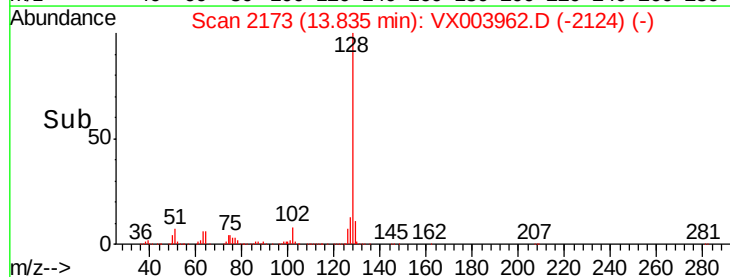
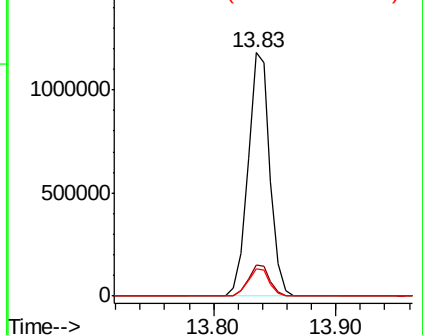


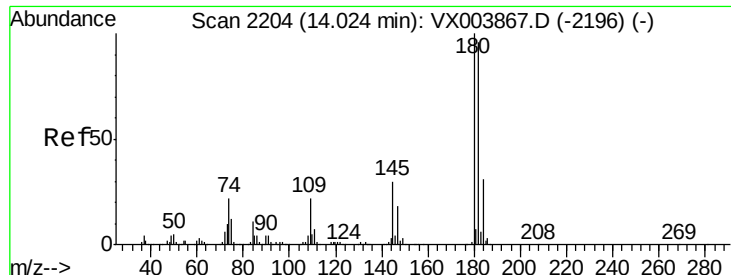
#95
Naphthalene
Concen: 74.17 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003962.D
Acq: 09 Aug 2018 20:23

Tgt Ion:128 Resp: 1452464
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.0 8.8 13.2



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

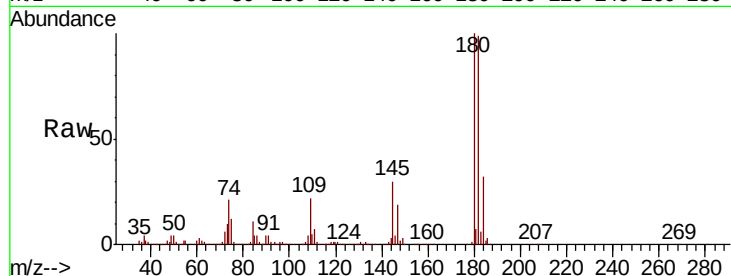




#96
 1,2,3-Trichlorobenzene
 Concen: 53.90 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX003962.D
 Acq: 09 Aug 2018 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103SMSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.1	144.4
145	30.5	14.9	44.7



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

