

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061820\
 Data File : VX016869.D
 Acq On : 19 Jun 2020 03:41
 Operator : JC/SP
 Sample : L3020-22MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23MSD

Quant Time: Jun 19 12:16:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	225785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	350556	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	377246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	170779	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	127767	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
35) Dibromofluoromethane	5.47	113	118613	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
50) Toluene-d8	8.70	98	424043	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
62) 4-Bromofluorobenzene	11.12	95	161722	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	147787	53.336	ug/l	99
3) Chloromethane	1.31	50	174017	61.936	ug/l	100
4) Vinyl Chloride	1.39	62	169940	53.667	ug/l	100
5) Bromomethane	1.62	94	106550	55.883	ug/l	100
6) Chloroethane	1.71	64	99585	51.062	ug/l	99
7) Trichlorofluoromethane	1.92	101	219248	49.493	ug/l	100
8) Diethyl Ether	2.17	74	90008	52.259	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	99788	42.290	ug/l	98
10) Methyl Iodide	2.49	142	116613	51.913	ug/l	99
11) Tert butyl alcohol	3.01	59	122488	266.828	ug/l	98
12) 1,1-Dichloroethene	2.36	96	118444	49.090	ug/l	99
13) Acrolein	2.27	56	72359	259.984	ug/l	99
14) Allyl chloride	2.71	41	156591	49.064	ug/l	99
15) Acrylonitrile	3.12	53	288529	274.277	ug/l	99
16) Acetone	2.42	43	231875	235.224	ug/l	98
17) Carbon Disulfide	2.55	76	290280	46.553	ug/l	100
18) Methyl Acetate	2.75	43	143216	57.134	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	368687	53.618	ug/l	98
20) Methylene Chloride	2.84	84	116938	49.467	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	112146	49.239	ug/l	99
22) Diisopropyl ether	3.82	45	322457	52.734	ug/l	98
23) Vinyl Acetate	3.79	43	1310678	259.940	ug/l	100
24) 1,1-Dichloroethane	3.67	63	192391	50.369	ug/l	99
25) 2-Butanone	4.64	43	384845	283.671	ug/l	100
26) 2,2-Dichloropropane	4.55	77	139281	38.921	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	126437	49.391	ug/l	99
28) Bromochloromethane	4.98	49	92964	58.641	ug/l	96
29) Tetrahydrofuran	5.09	42	280813	328.659	ug/l	98
30) Chloroform	5.17	83	233125	57.812	ug/l	100
31) Cyclohexane	5.54	56	178700	53.216	ug/l	94
32) 1,1,1-Trichloroethane	5.47	97	209211	54.816	ug/l	99
36) 1,1-Dichloropropene	5.77	75	154129	47.618	ug/l	99
37) Ethyl Acetate	4.79	43	157008	54.900	ug/l	99
38) Carbon Tetrachloride	5.76	117	174868	48.149	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	171341	45.526	ug/l	98
40) Benzene	6.12	78	461279	47.495	ug/l	98
41) Methacrylonitrile	5.01	41	94228	60.690	ug/l	99
42) 1,2-Dichloroethane	6.17	62	165975	48.024	ug/l	99
43) Isopropyl Acetate	6.42	43	247439	49.546	ug/l	99
44) Trichloroethene	7.19	130	138251	46.480	ug/l	98
45) 1,2-Dichloropropane	7.49	63	126143	51.665	ug/l	97
46) Dibromomethane	7.64	93	86180	52.049	ug/l	100
47) Bromodichloromethane	7.87	83	209027	59.358	ug/l	99
48) Methyl methacrylate	7.74	41	137297	58.382	ug/l	100
49) 1,4-Dioxane	7.71	88	60898	1156.807	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	807634	268.871	ug/l	100
52) Toluene	8.77	92	312195	48.455	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	212872	54.986	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	219882	53.091	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	134573	55.320	ug/l	98
56) Ethyl methacrylate	9.16	69	213035	60.494	ug/l	100
57) 1,3-Dichloropropane	9.35	76	216679	52.542	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.23	63	457	0.279	ug/l #	42
59) 2-Hexanone	9.47	43	765434	351.882	ug/l	99
60) Dibromochloromethane	9.57	129	182361	62.490	ug/l	99
61) 1,2-Dibromoethane	9.65	107	162545	61.571	ug/l	99
64) Tetrachloroethene	9.32	164	148984	42.648	ug/l	98
65) Chlorobenzene	10.12	112	356641	46.686	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	134902	45.565	ug/l	99
67) Ethyl Benzene	10.24	91	594777	46.146	ug/l	100
68) m/p-Xylenes	10.34	106	464937	92.699	ug/l	100
69) o-Xylene	10.68	106	222585	47.995	ug/l	98
70) Styrene	10.70	104	390421	49.547	ug/l	100
71) Bromoform	10.84	173	121587	48.847	ug/l	98
73) Isopropylbenzene	11.00	105	587563	53.436	ug/l	99
74) N-amyl acetate	10.88	43	227210	59.176	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	170289	54.846	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	218569	70.077	ug/l	86
77) Bromobenzene	11.24	156	161265	53.777	ug/l	99
78) n-propylbenzene	11.34	91	663788	54.092	ug/l	99
79) 2-Chlorotoluene	11.40	91	403672	53.765	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	510854	53.847	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	66835	52.475	ug/l	99
82) 4-Chlorotoluene	11.49	91	479947	53.283	ug/l	99
83) tert-Butylbenzene	11.76	119	460674	49.077	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	498938	51.054	ug/l	98
85) sec-Butylbenzene	11.93	105	534952	49.071	ug/l	100
86) p-Isopropyltoluene	12.05	119	512418	51.301	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	268356	48.982	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	270467	48.814	ug/l	100
89) n-Butylbenzene	12.37	91	414804	48.428	ug/l	100
90) Hexachloroethane	12.58	117	92581	51.455	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	258212	48.821	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	41295	56.093	ug/l	97

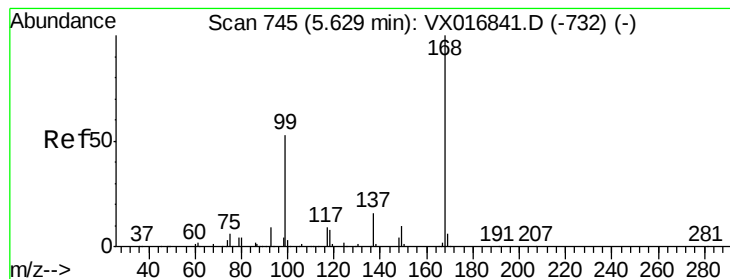
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061820\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	193529	54.491	ug/l	100
94) Hexachlorobutadiene	13.76	225	78813	49.177	ug/l	98
95) Naphthalene	13.82	128	627513	60.182	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	199512	56.330	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

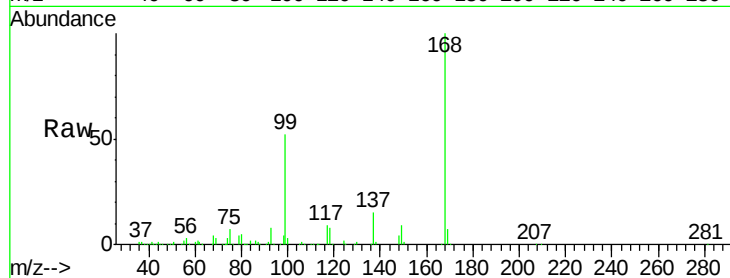
MW-23MSD

Tgt Ion:168 Resp: 225785

Ion Ratio Lower Upper

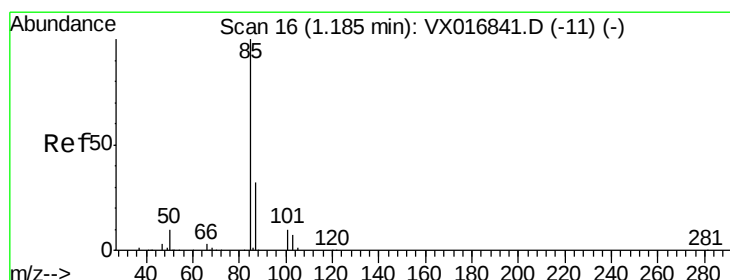
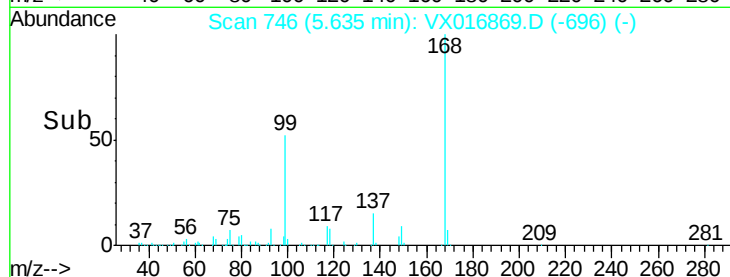
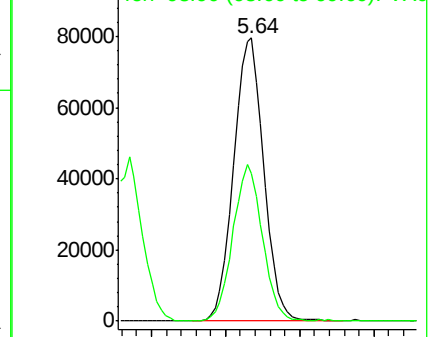
168 100

99 52.1 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 53.336 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016869.D

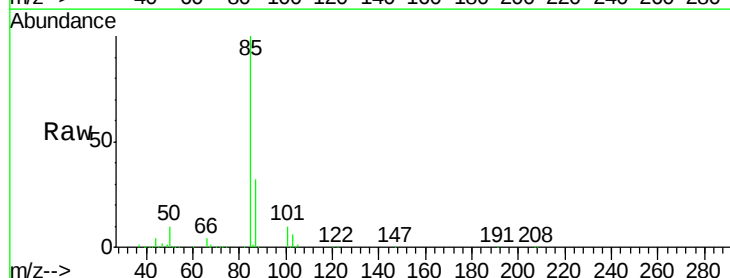
Acq: 19 Jun 2020 03:41

Tgt Ion: 85 Resp: 147787

Ion Ratio Lower Upper

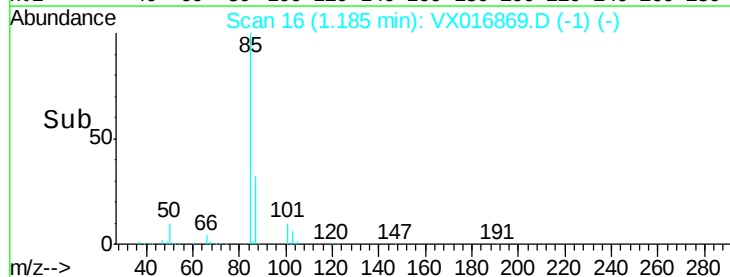
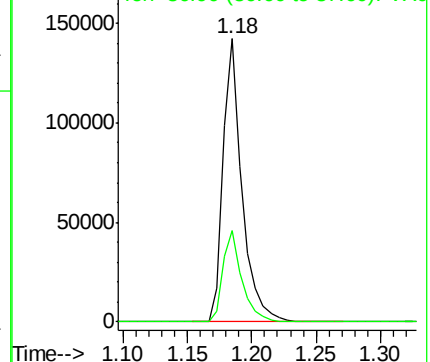
85 100

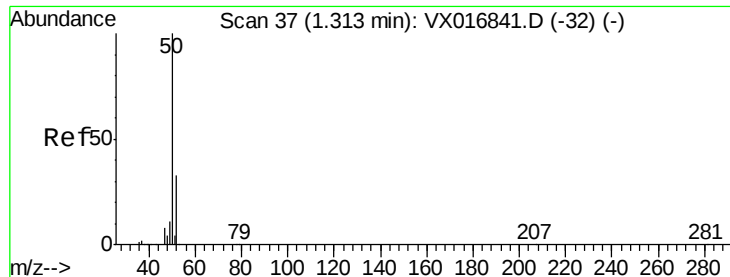
87 32.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 61.936 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

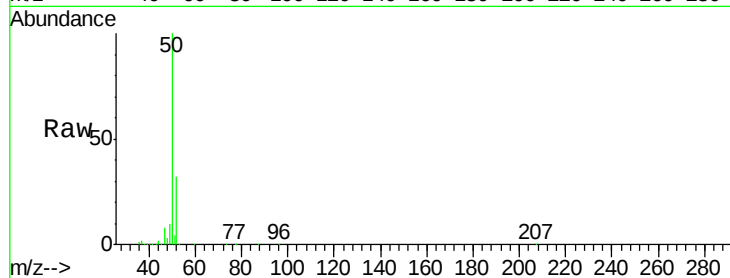
MW-23MSD

Tgt Ion: 50 Resp: 174017

Ion Ratio Lower Upper

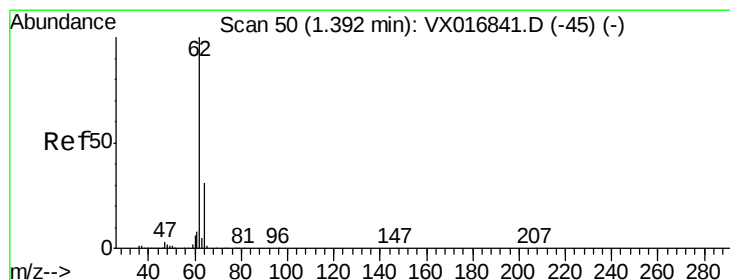
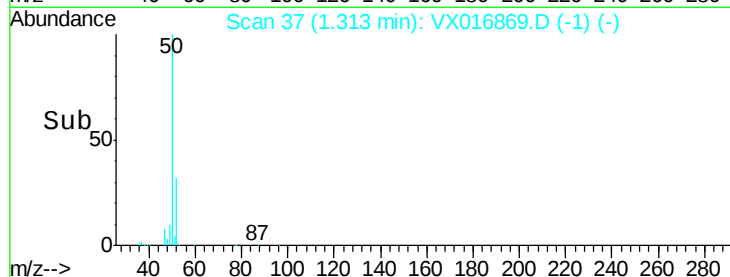
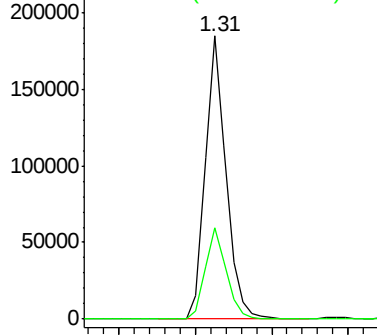
50 100

52 32.4 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 53.667 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016869.D

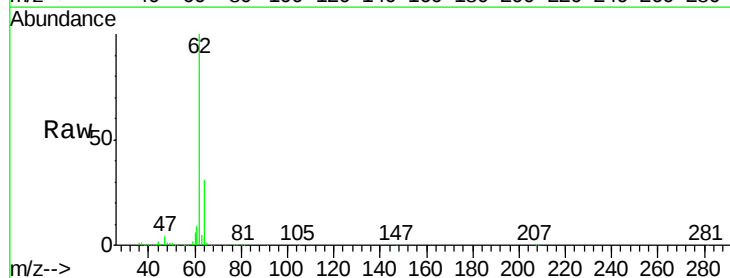
Acq: 19 Jun 2020 03:41

Tgt Ion: 62 Resp: 169940

Ion Ratio Lower Upper

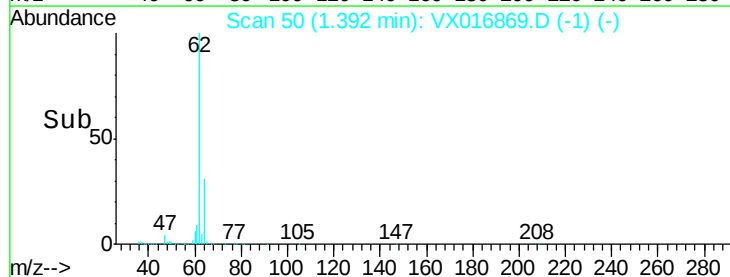
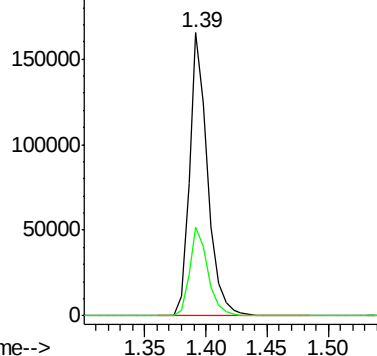
62 100

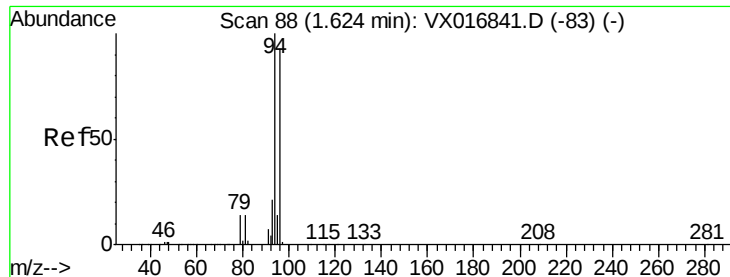
64 31.4 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 55.883 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

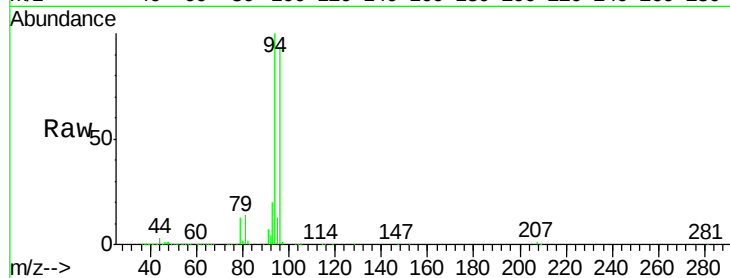
MW-23MSD

Tgt Ion: 94 Resp: 106550

Ion Ratio Lower Upper

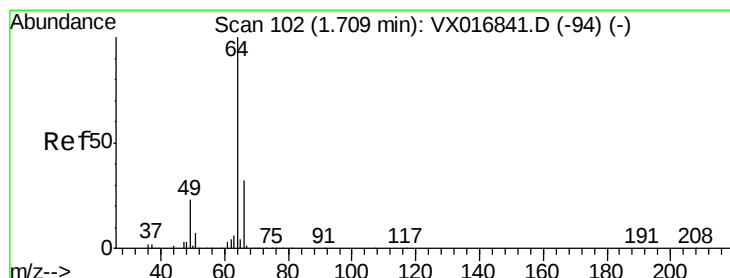
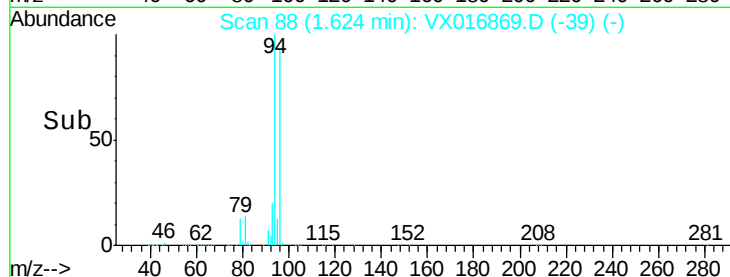
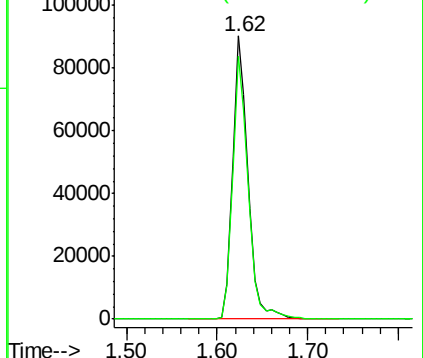
94 100

96 92.6 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.062 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX016869.D

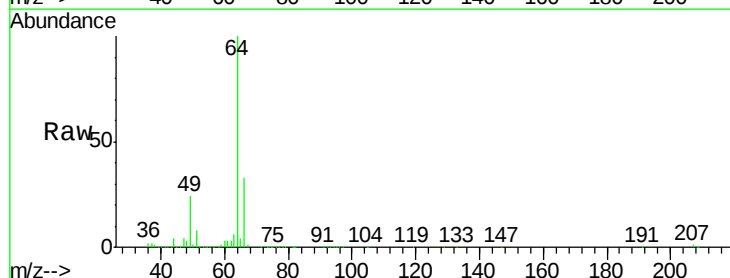
Acq: 19 Jun 2020 03:41

Tgt Ion: 64 Resp: 99585

Ion Ratio Lower Upper

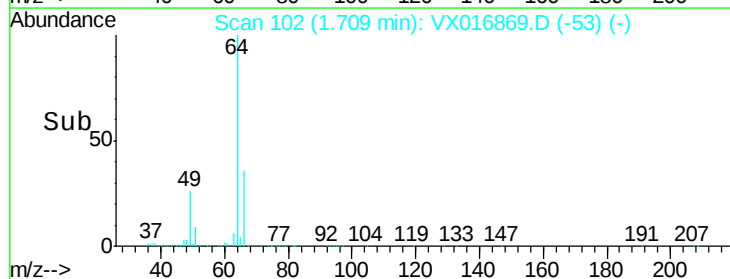
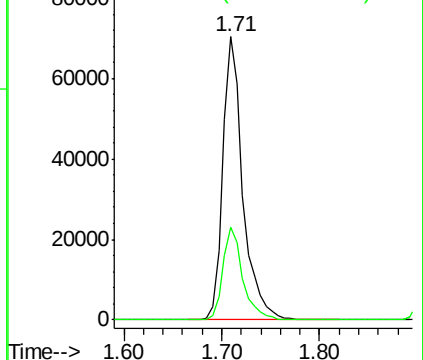
64 100

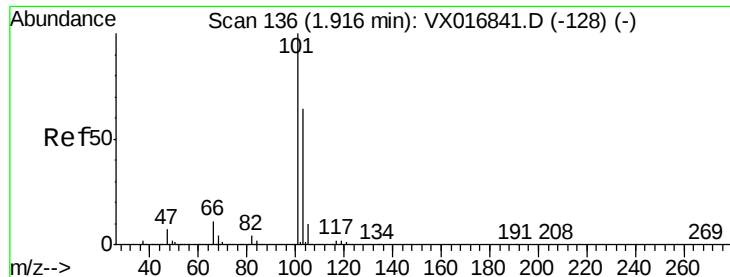
66 32.9 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



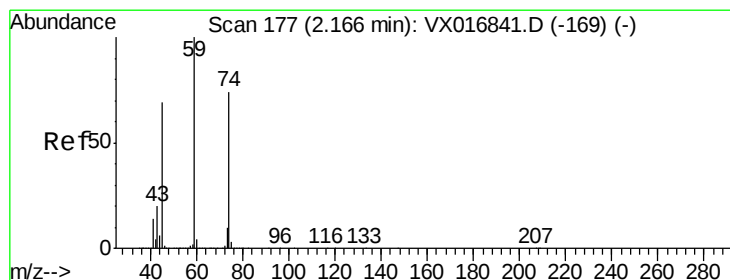
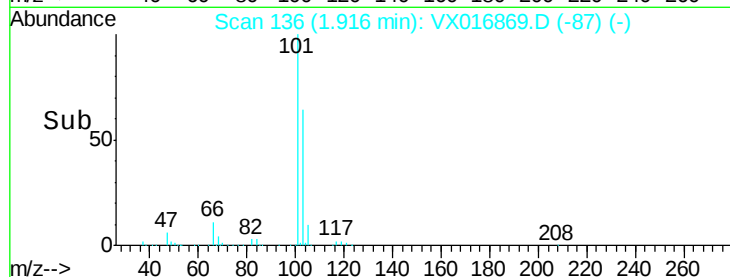
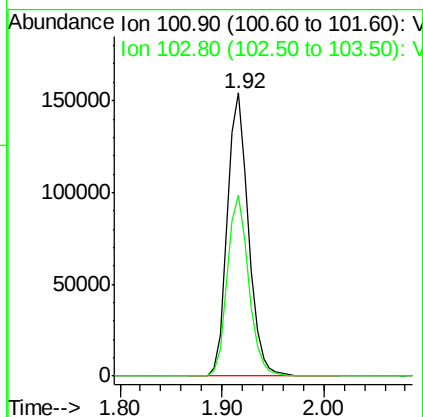
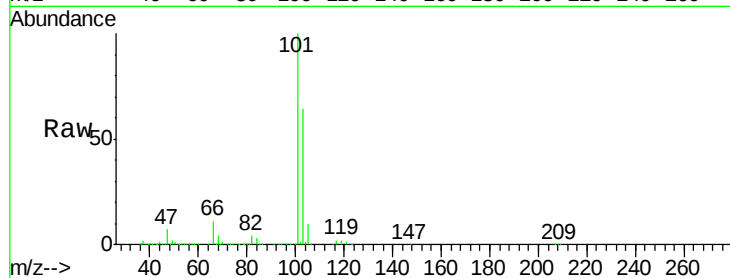


#7

Trichlorofluoromethane
Concen: 49.493 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Instrument :
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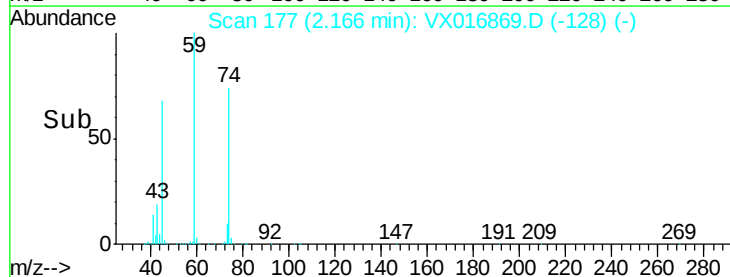
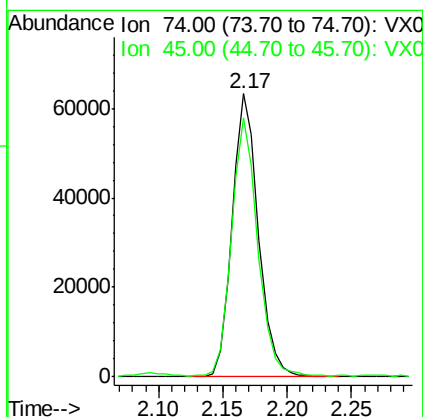
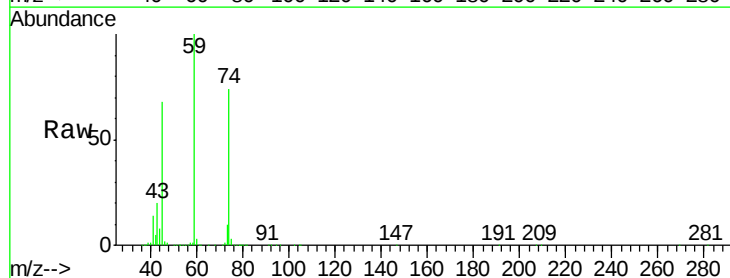
Tgt Ion:101 Resp: 219248
Ion Ratio Lower Upper
101 100
103 64.1 51.2 76.8

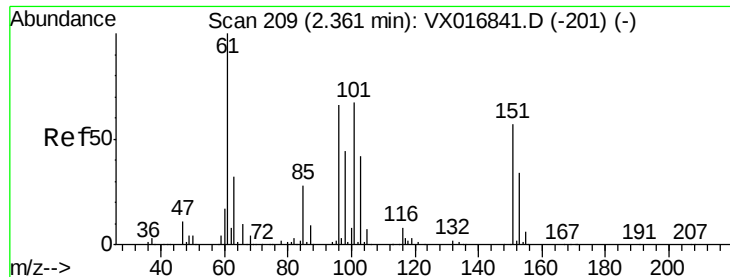


#8

Diethyl Ether
Concen: 52.259 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion: 74 Resp: 90008
Ion Ratio Lower Upper
74 100
45 90.6 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.290 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

MW-23MSD

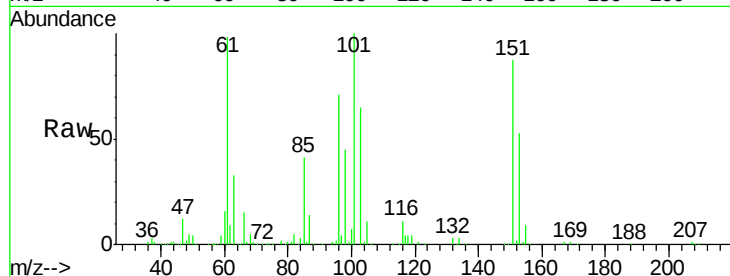
Tgt Ion:101 Resp: 99788

Ion Ratio Lower Upper

101 100

85 41.7 34.3 51.5

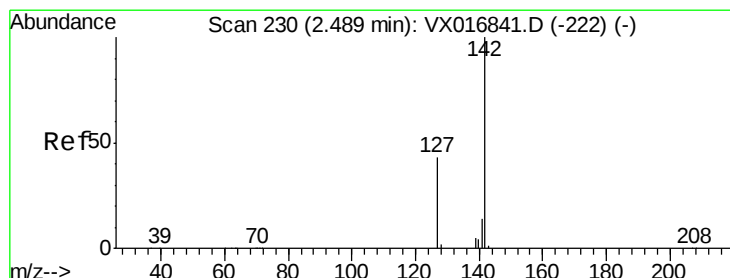
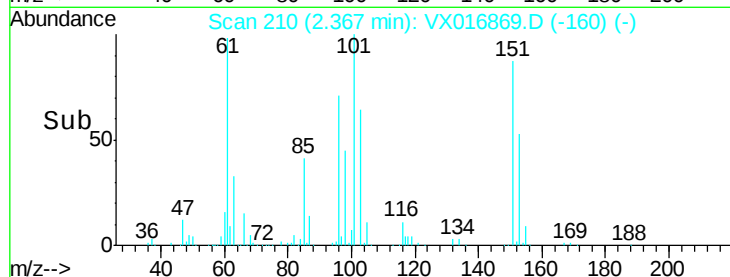
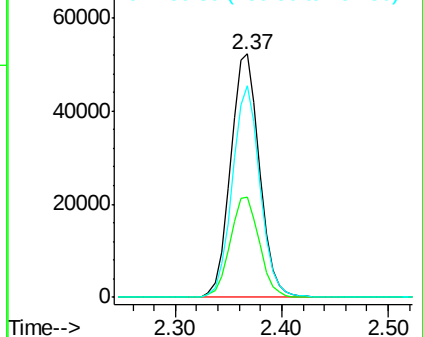
151 83.2 67.6 101.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.913 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

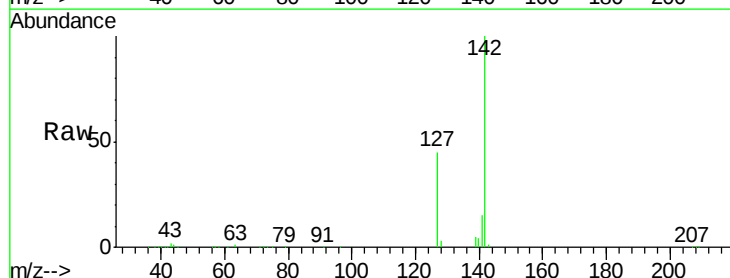
Tgt Ion:142 Resp: 116613

Ion Ratio Lower Upper

142 100

127 44.5 35.1 52.7

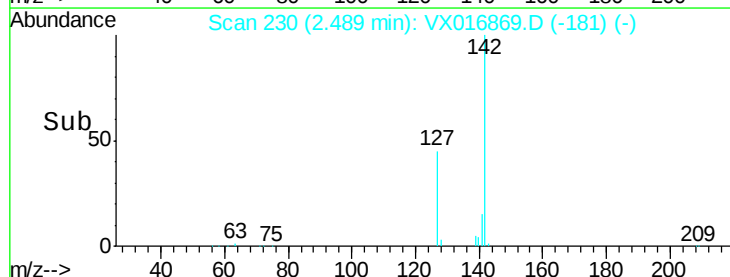
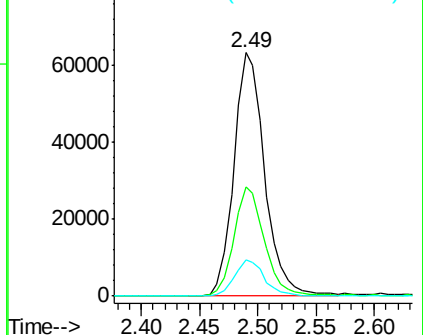
141 14.8 11.6 17.4

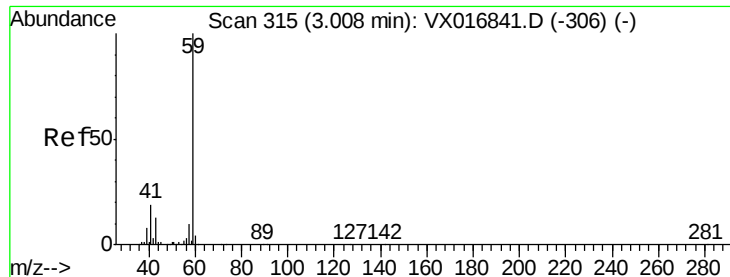


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



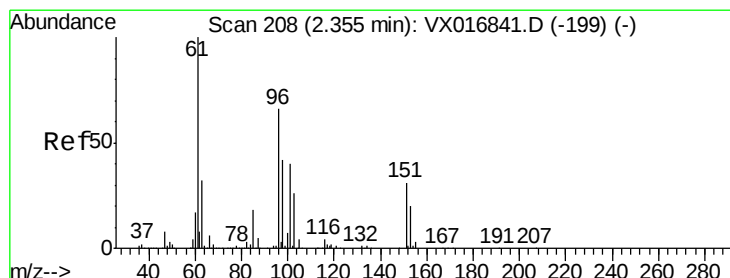
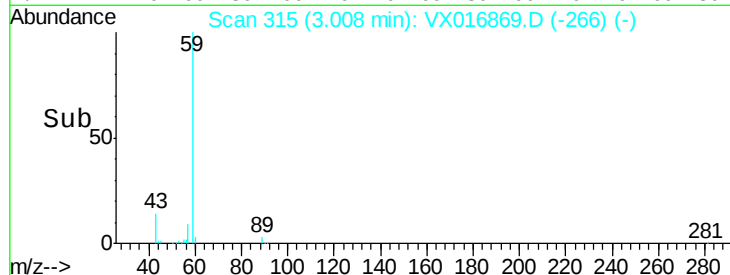
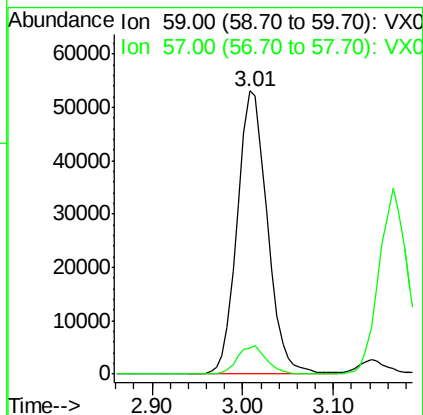
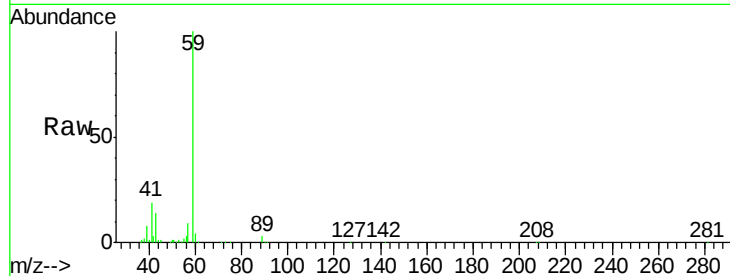


#11

Tert butyl alcohol
 Concen: 266.828 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX016869.D
 Acq: 19 Jun 2020 03:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23MSD

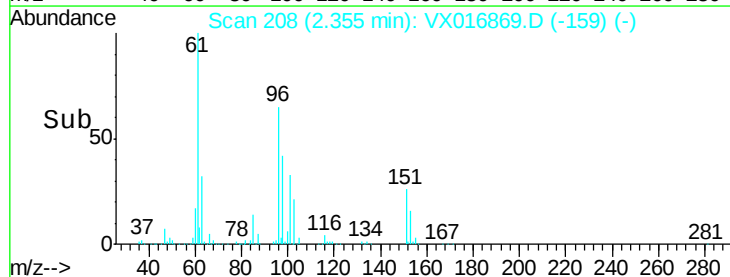
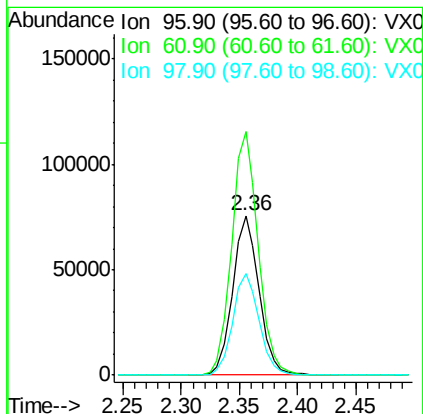
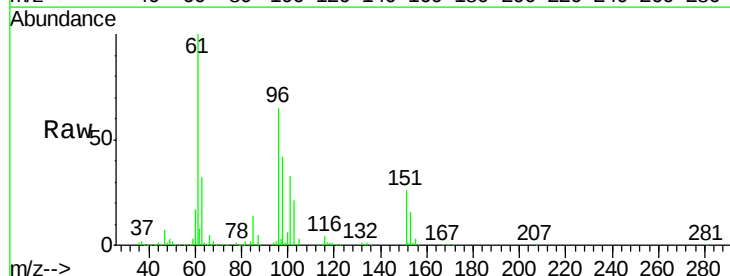
Tgt Ion: 59 Resp: 122488
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.4 12.6

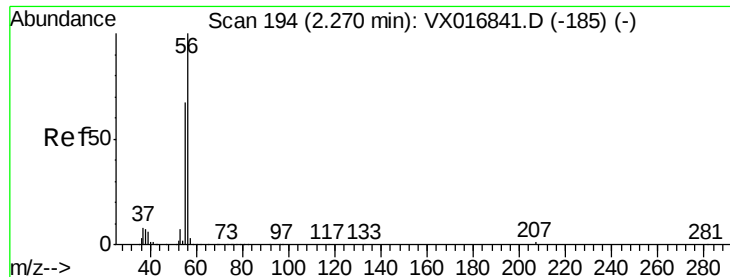


#12

1,1-Dichloroethene
 Concen: 49.090 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016869.D
 Acq: 19 Jun 2020 03:41

Tgt Ion: 96 Resp: 118444
 Ion Ratio Lower Upper
 96 100
 61 153.0 121.7 182.5
 98 64.0 51.1 76.7





#13

Acrolein

Concen: 259.984 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

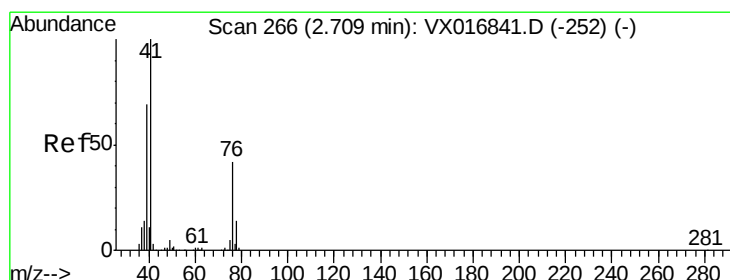
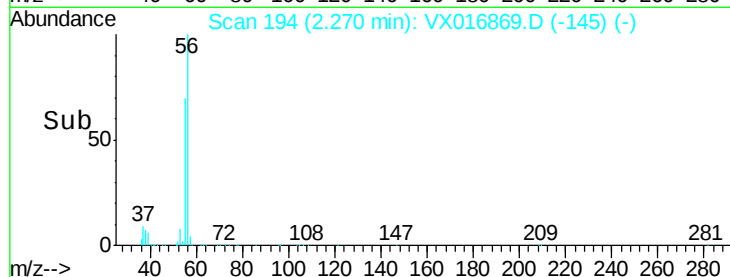
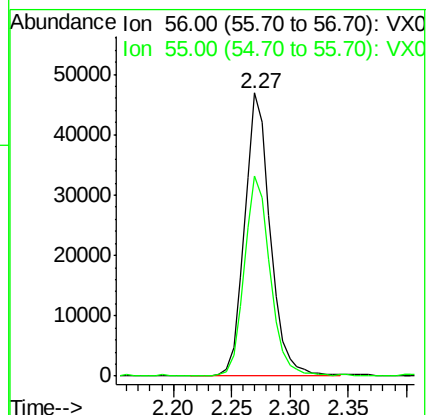
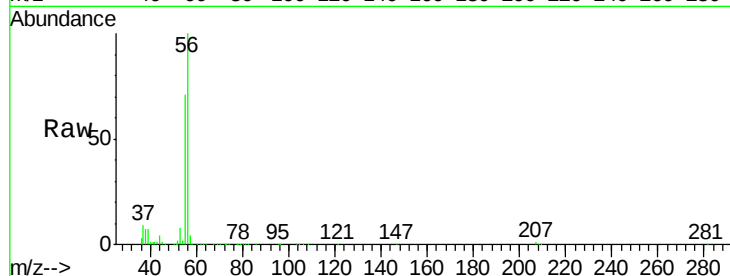
MW-23MSD

Tgt Ion: 56 Resp: 72359

Ion Ratio Lower Upper

56 100

55 70.6 55.7 83.5



#14

Allyl chloride

Concen: 49.064 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

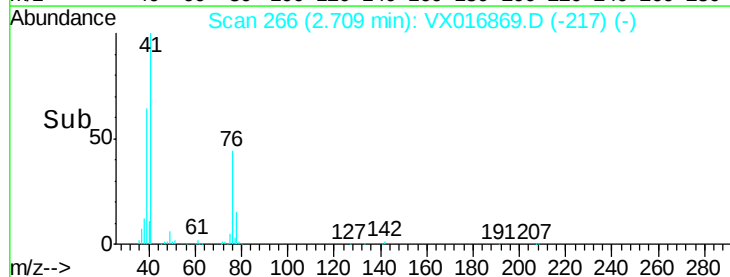
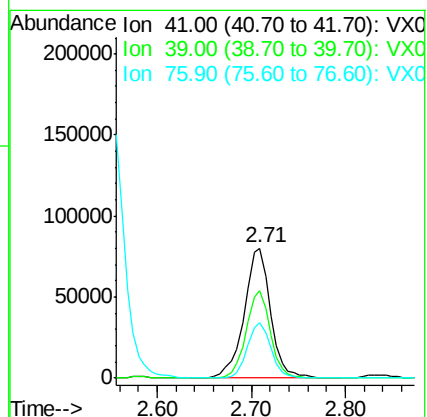
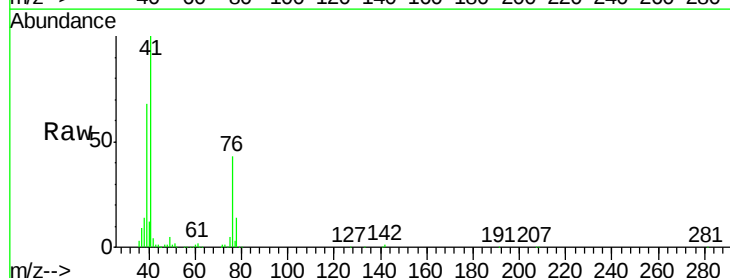
Tgt Ion: 41 Resp: 156591

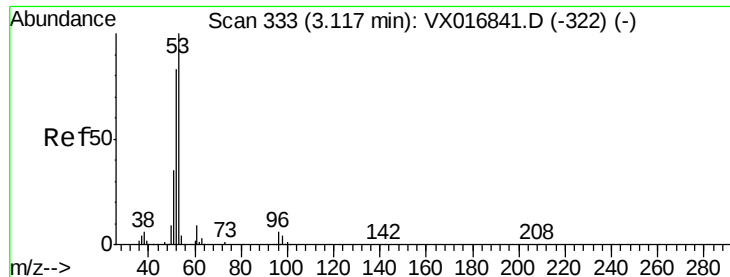
Ion Ratio Lower Upper

41 100

39 62.6 50.7 76.1

76 38.4 30.9 46.3





#15

Acrylonitrile

Concen: 274.277 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

MW-23MSD

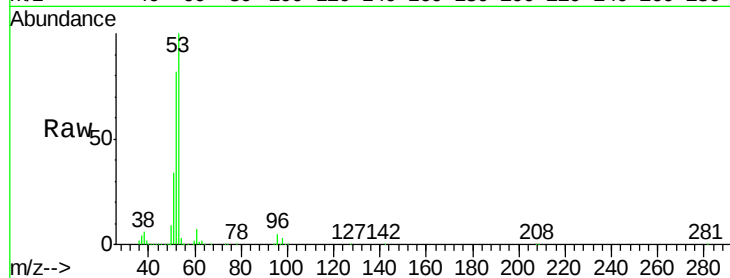
Tgt Ion: 53 Resp: 288529

Ion Ratio Lower Upper

53 100

52 82.0 66.2 99.2

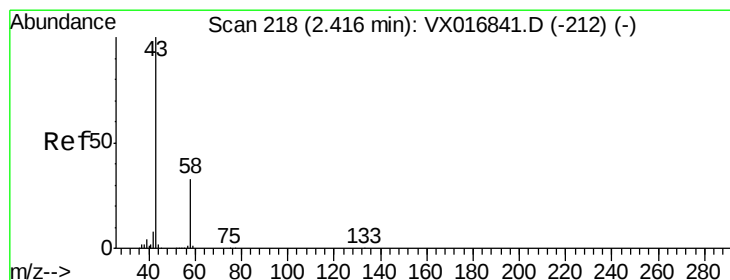
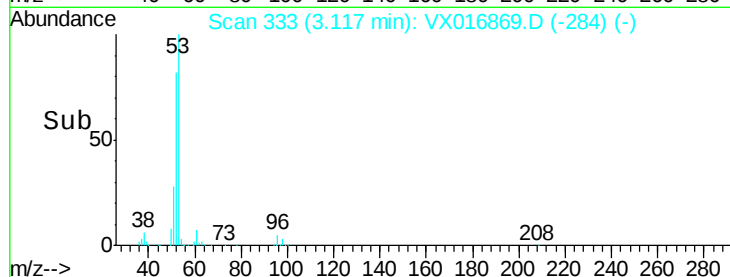
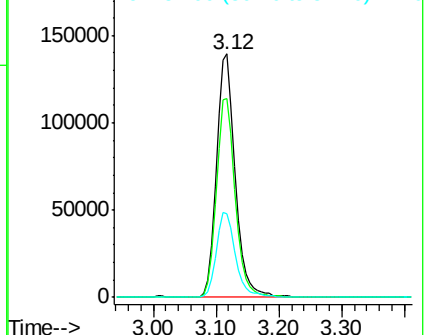
51 36.1 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 235.224 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016869.D

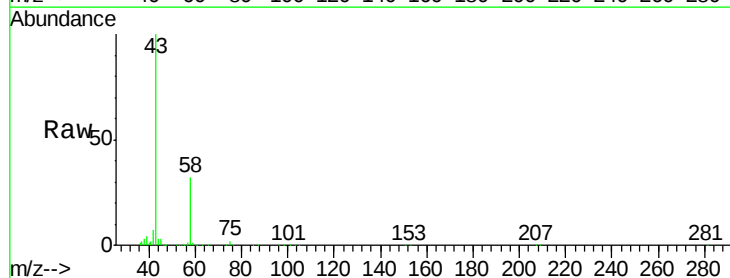
Acq: 19 Jun 2020 03:41

Tgt Ion: 43 Resp: 231875

Ion Ratio Lower Upper

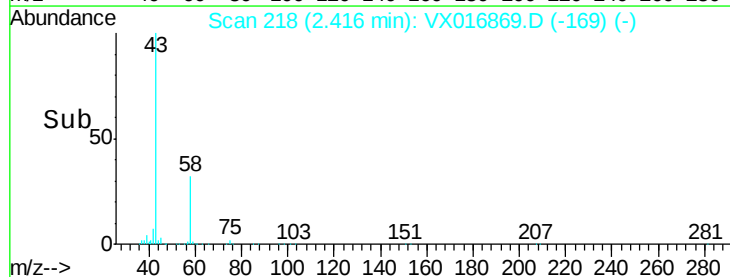
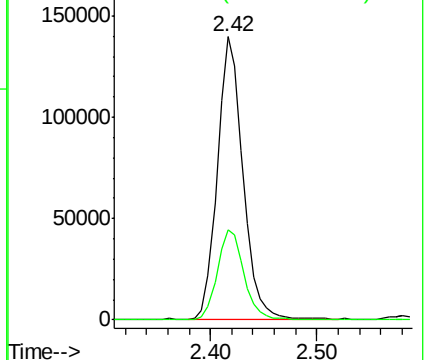
43 100

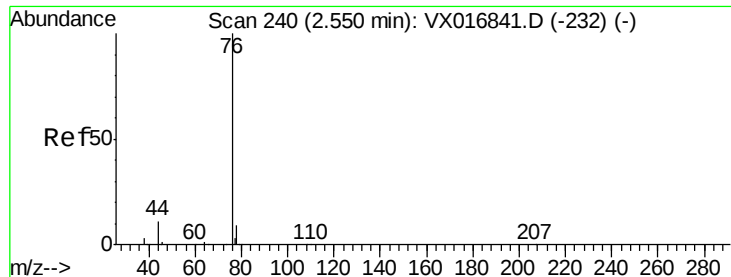
58 32.1 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.553 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

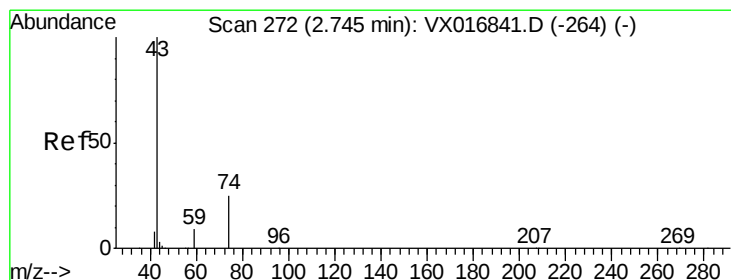
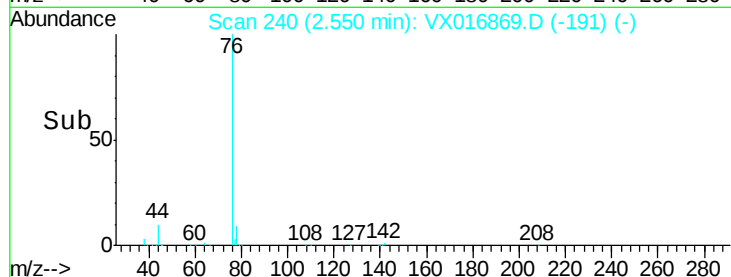
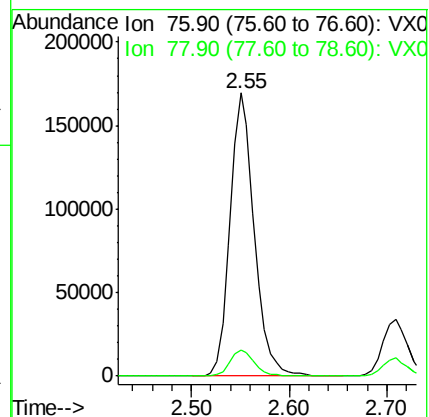
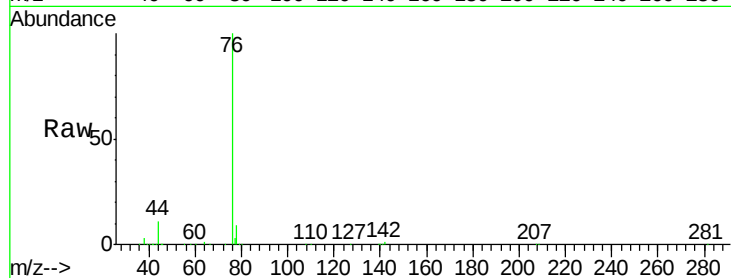
MW-23MSD

Tgt Ion: 76 Resp: 290280

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3



#18

Methyl Acetate

Concen: 57.134 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016869.D

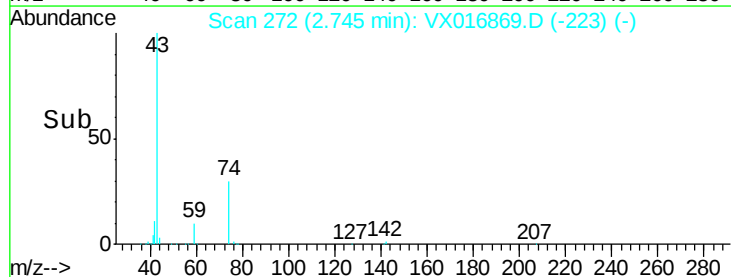
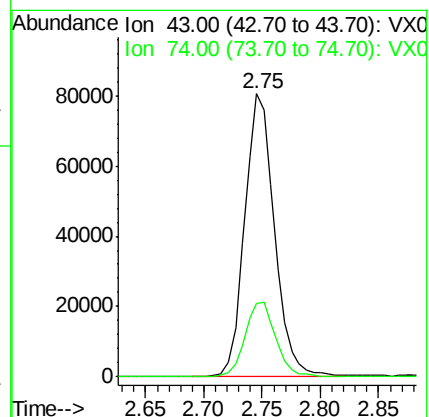
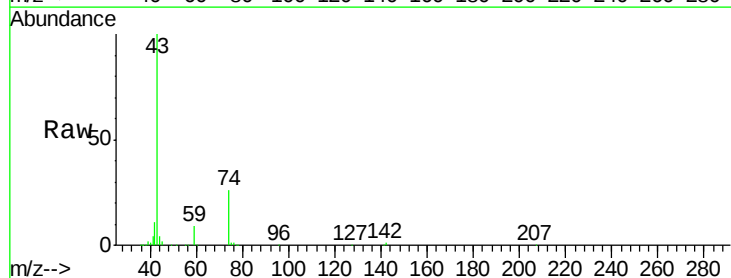
Acq: 19 Jun 2020 03:41

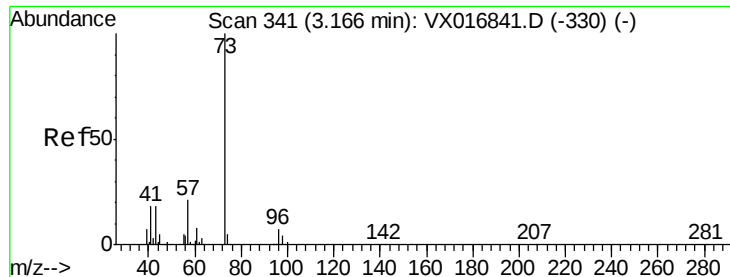
Tgt Ion: 43 Resp: 143216

Ion Ratio Lower Upper

43 100

74 27.7 21.8 32.8





#19

Methyl tert-butyl Ether

Concen: 53.618 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

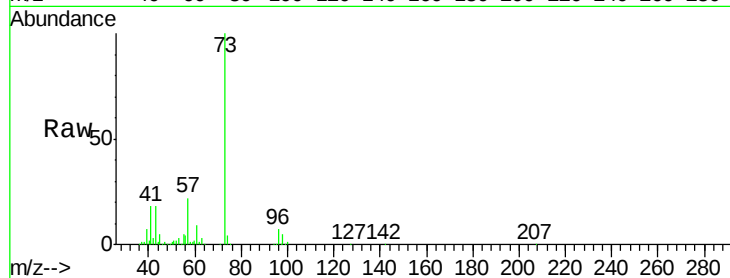
MW-23MSD

Tgt Ion: 73 Resp: 368687

Ion Ratio Lower Upper

73 100

57 22.1 16.9 25.3



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.17

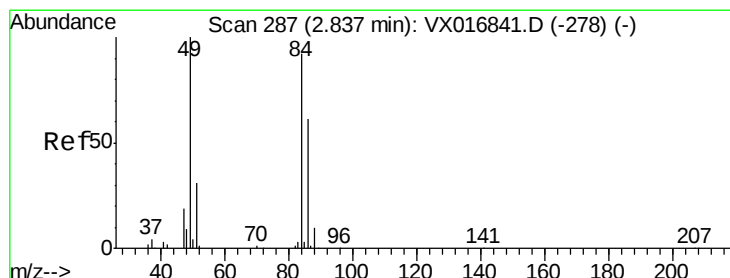
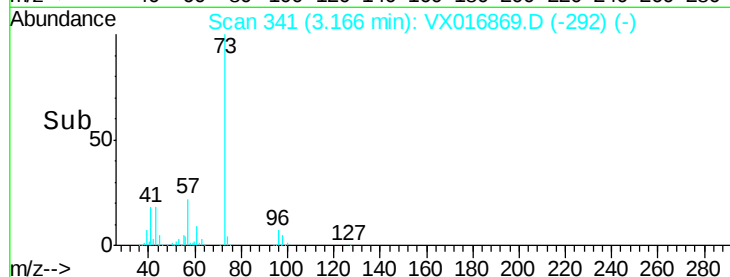
150000

100000

50000

0

Time--> 3.00 3.10 3.20 3.30



#20

Methylene Chloride

Concen: 49.467 ug/l

RT: 2.84 min Scan# 287

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Tgt Ion: 84 Resp: 116938

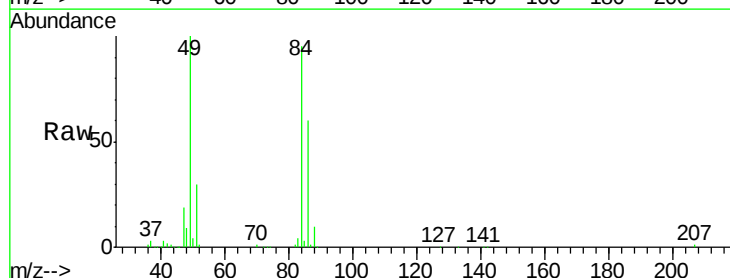
Ion Ratio Lower Upper

84 100

49 105.2 86.6 129.8

51 32.0 27.1 40.7

86 63.1 53.1 79.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

2.84

80000

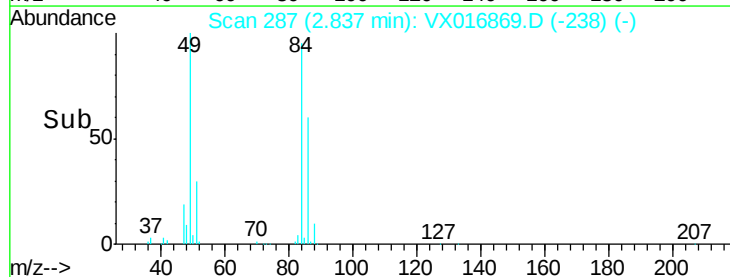
60000

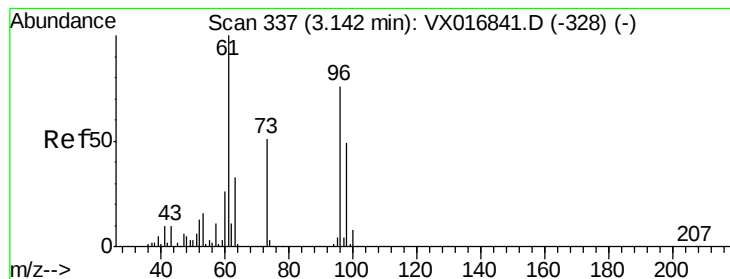
40000

20000

0

Time--> 2.70 2.80 2.90 3.00





#21

trans-1,2-Dichloroethene

Concen: 49.239 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampled :

MW-23MSD

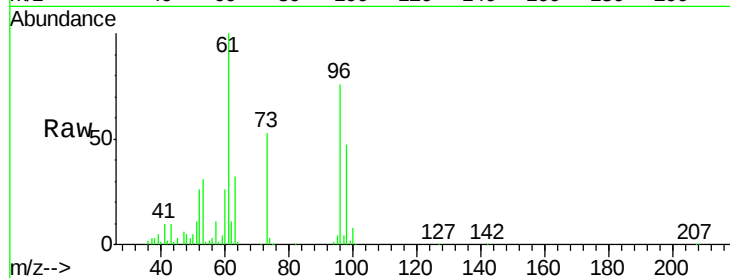
Tgt Ion: 96 Resp: 112146

Ion Ratio Lower Upper

96 100

61 131.5 105.4 158.0

98 61.2 51.3 76.9

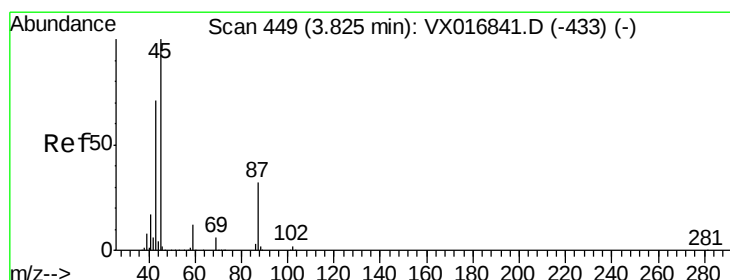
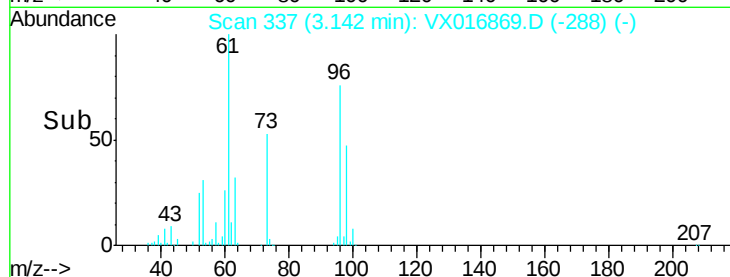
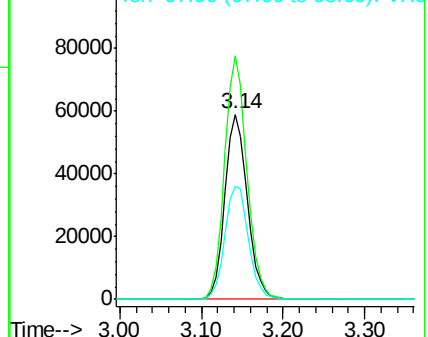


Abundance

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: 52.734 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Tgt Ion: 45 Resp: 322457

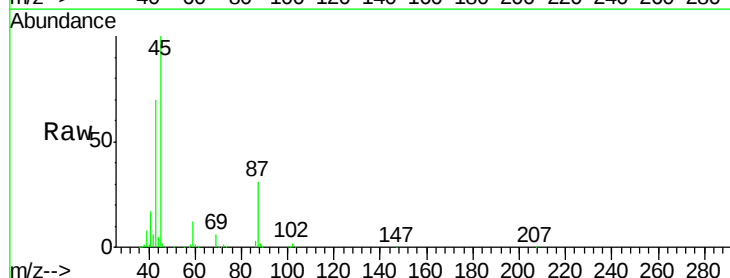
Ion Ratio Lower Upper

45 100

43 69.0 57.0 85.4

87 31.2 25.2 37.8

59 12.1 9.9 14.9



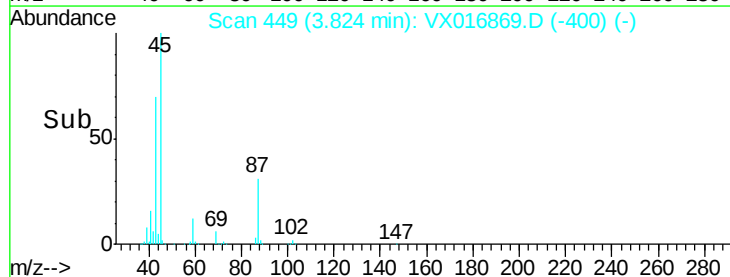
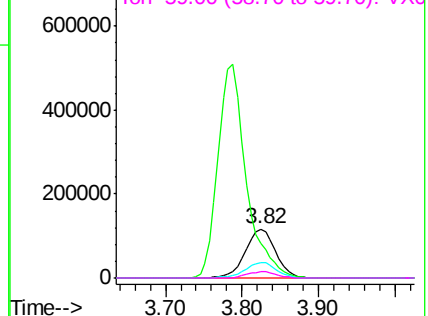
Abundance

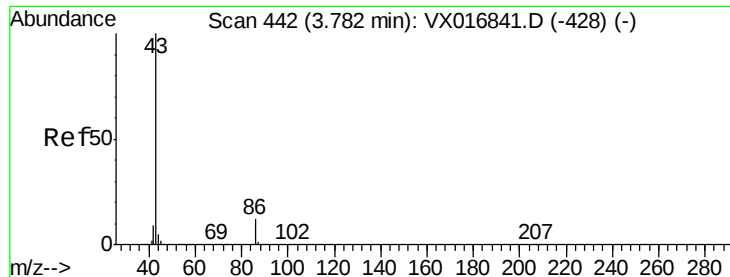
Ion 45.00 (44.70 to 45.70): VX0

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: 259.940 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

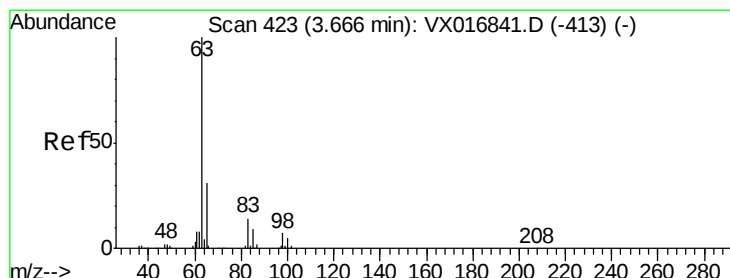
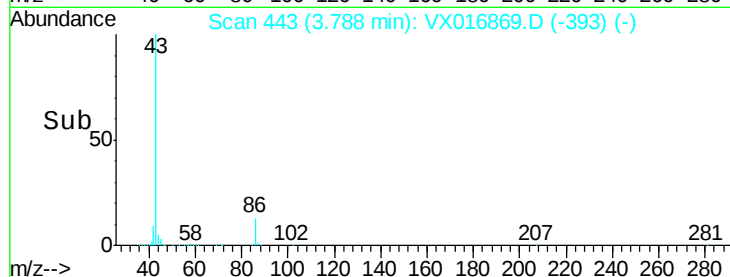
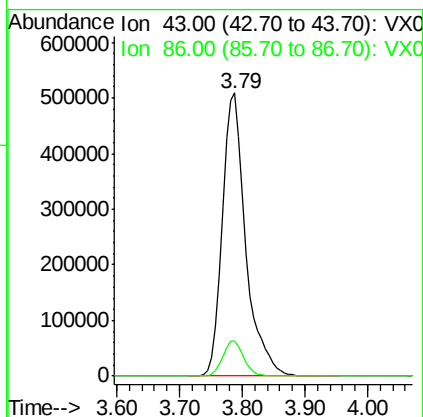
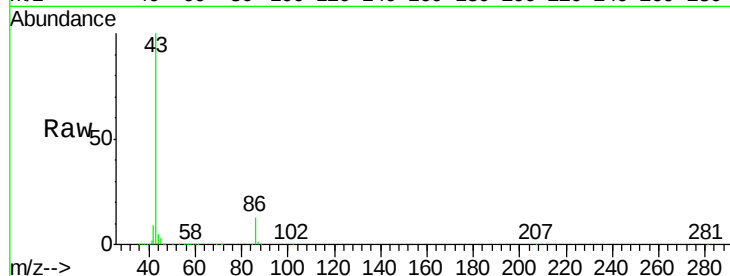
MW-23MSD

Tgt Ion: 43 Resp: 1310678

Ion Ratio Lower Upper

43 100

86 12.5 9.9 14.9



#24

1,1-Dichloroethane

Concen: 50.369 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

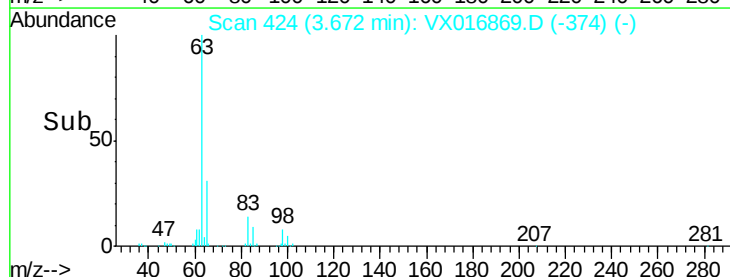
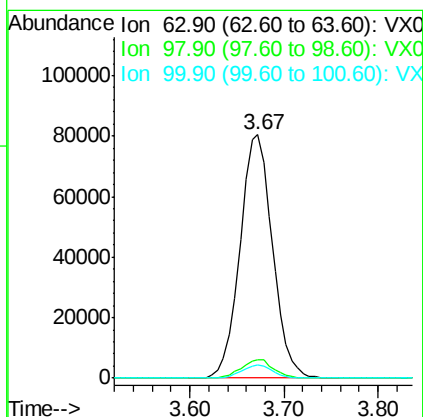
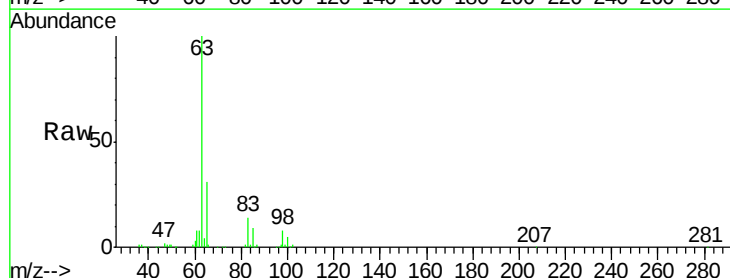
Tgt Ion: 63 Resp: 192391

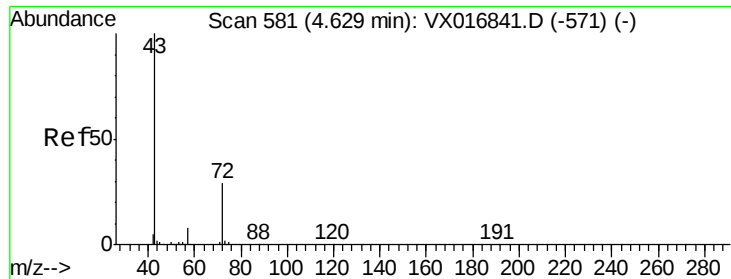
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.9

100 5.2 2.4 7.1





#25

2-Butanone

Concen: 283.671 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

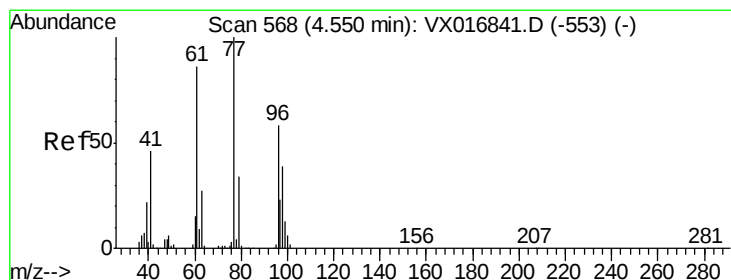
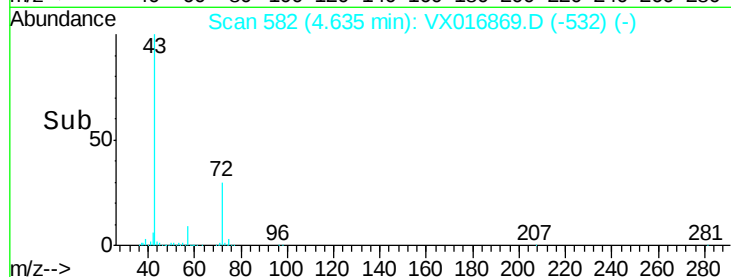
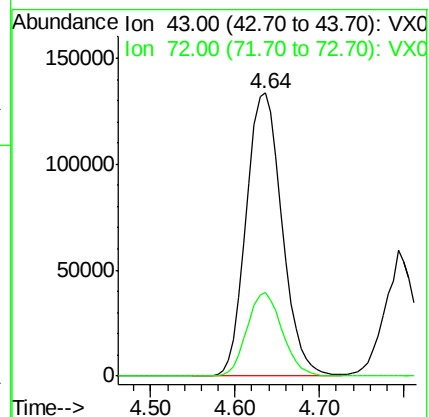
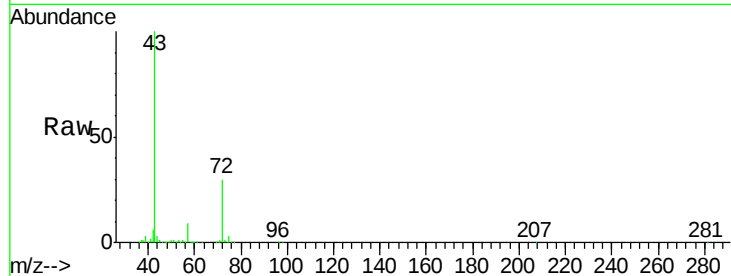
MW-23MSD

Tgt Ion: 43 Resp: 384845

Ion Ratio Lower Upper

43 100

72 29.4 23.5 35.3



#26

2,2-Dichloropropane

Concen: 38.921 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016869.D

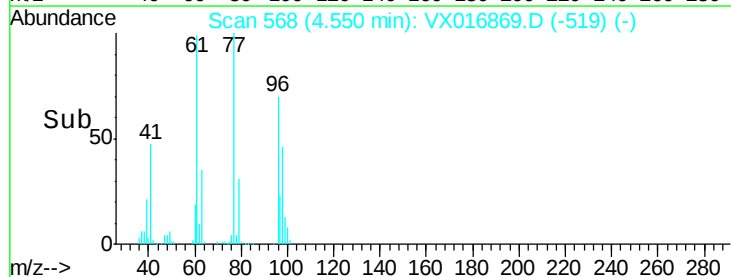
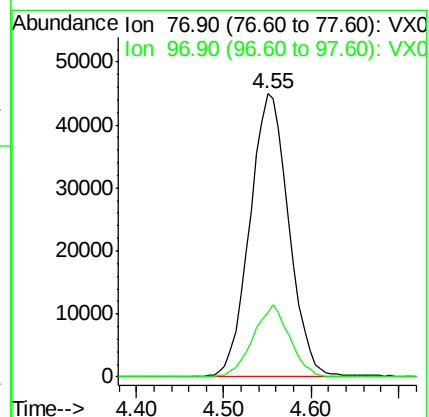
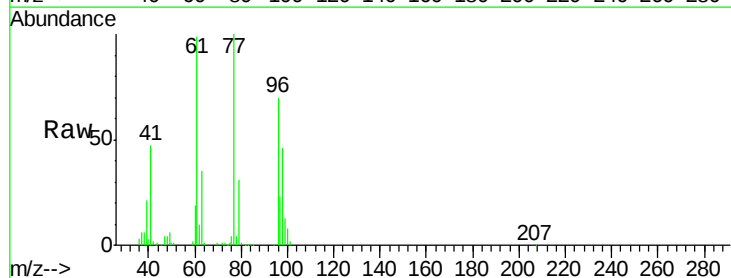
Acq: 19 Jun 2020 03:41

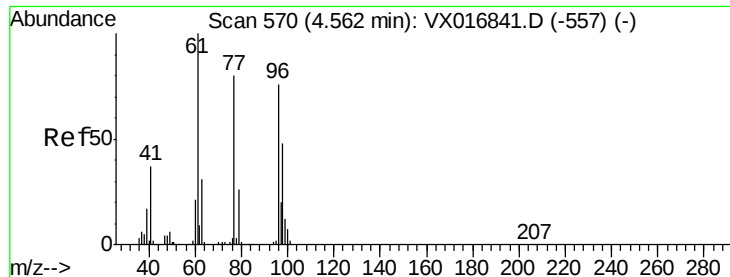
Tgt Ion: 77 Resp: 139281

Ion Ratio Lower Upper

77 100

97 24.0 11.6 34.7



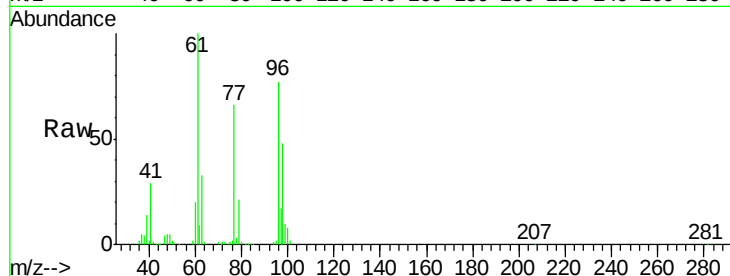


#27

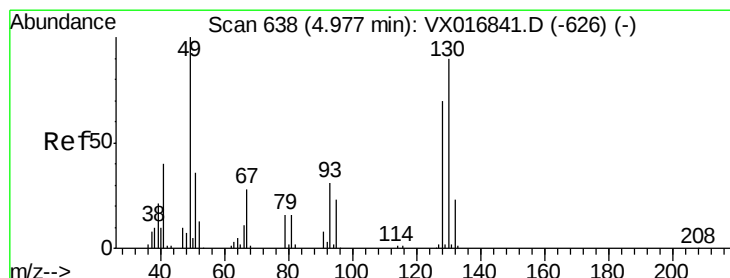
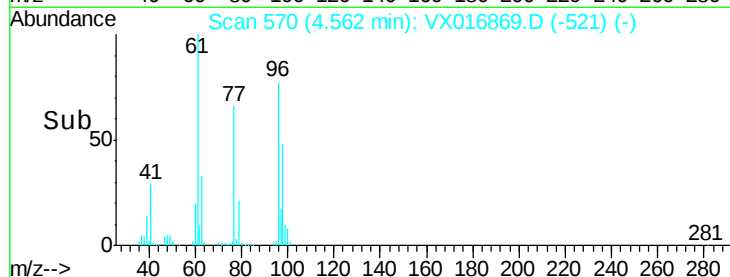
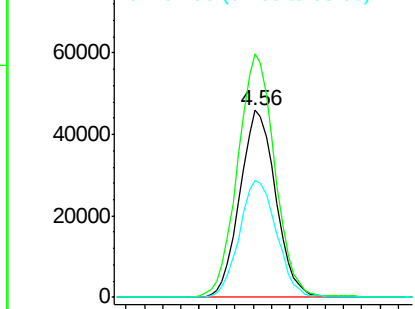
cis-1,2-Dichloroethene
Concen: 49.391 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

Tgt Ion	Ratio	Lower	Upper
96	100		
61	134.6	0.0	273.8
98	64.8	0.0	129.0



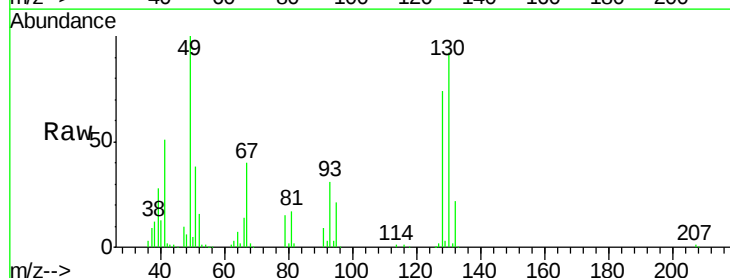
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



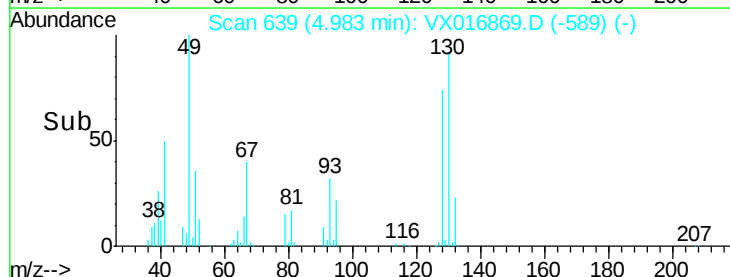
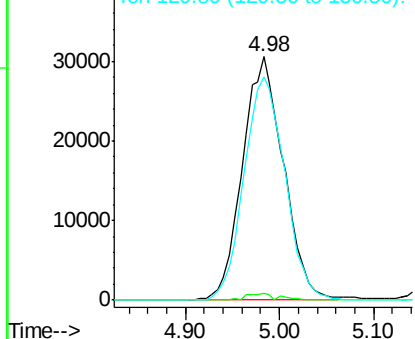
#28

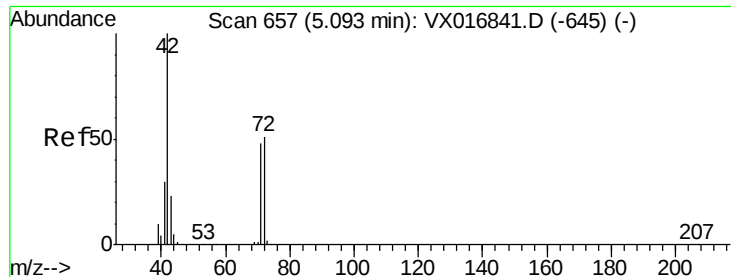
Bromochloromethane
Concen: 58.641 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	5.0
130	91.8	76.8	115.2



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: 328.659 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

MW-23MSD

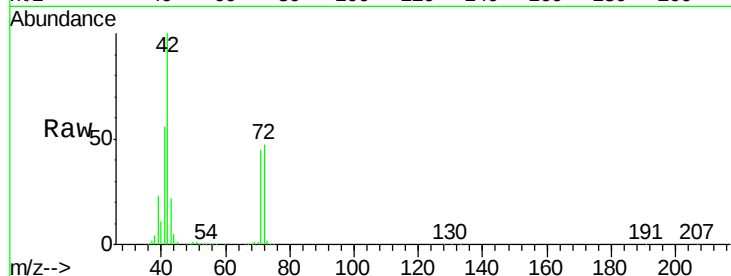
Tgt Ion: 42 Resp: 280813

Ion Ratio Lower Upper

42 100

72 50.0 41.1 61.7

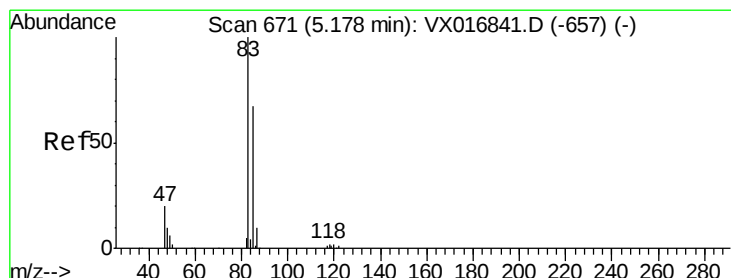
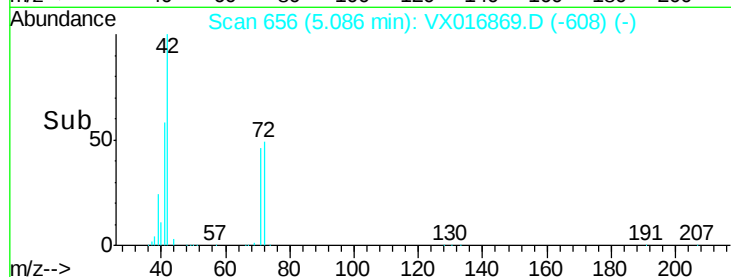
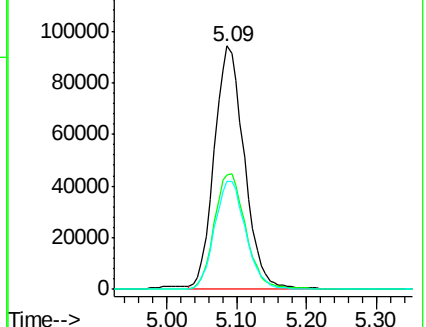
71 46.1 38.4 57.6



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: 57.812 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016869.D

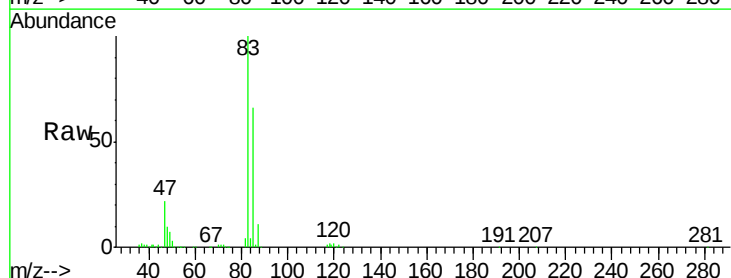
Acq: 19 Jun 2020 03:41

Tgt Ion: 83 Resp: 233125

Ion Ratio Lower Upper

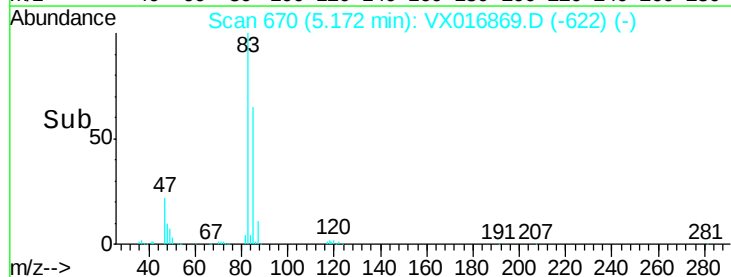
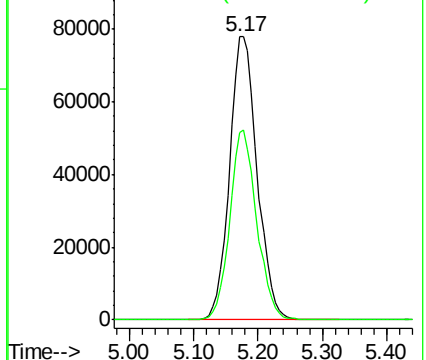
83 100

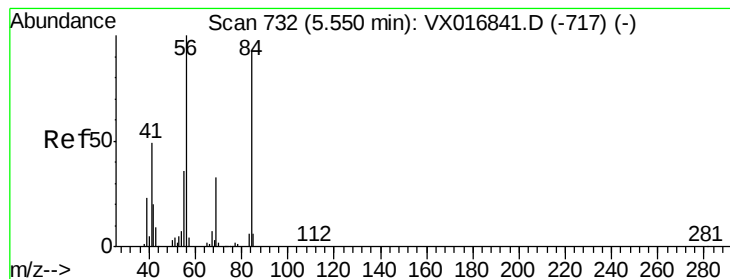
85 66.3 53.4 80.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 53.216 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

MW-23MSD

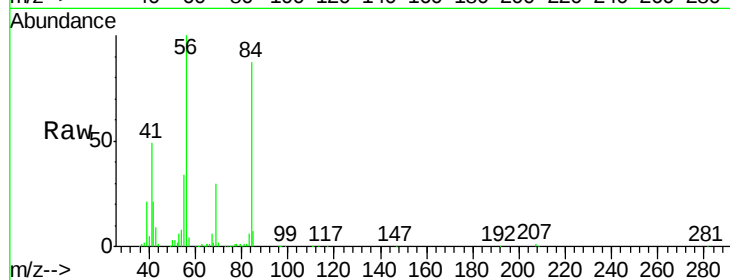
Tgt Ion: 56 Resp: 178700

Ion Ratio Lower Upper

56 100

69 29.6 26.1 39.1

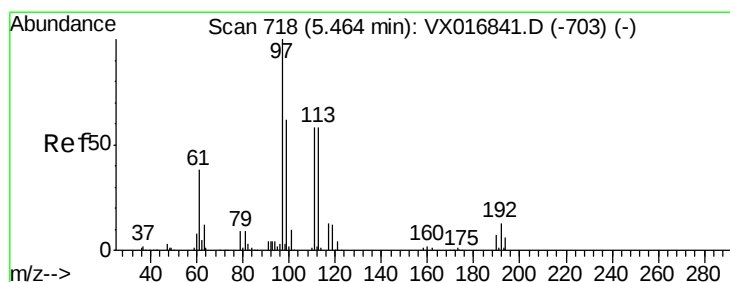
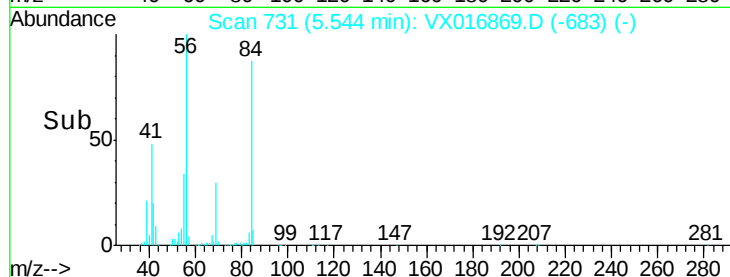
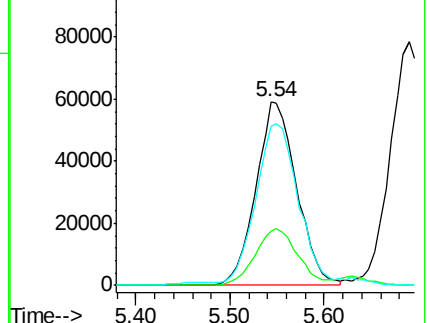
84 84.8 73.0 109.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 54.816 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

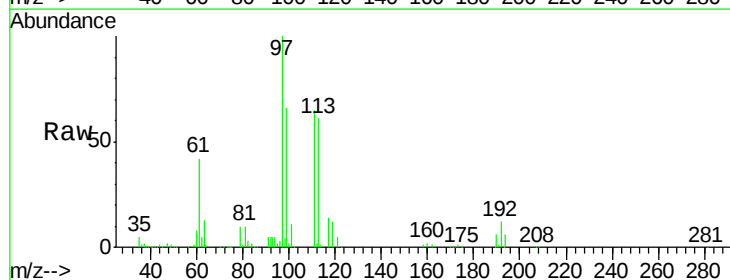
Tgt Ion: 97 Resp: 209211

Ion Ratio Lower Upper

97 100

99 65.0 51.3 76.9

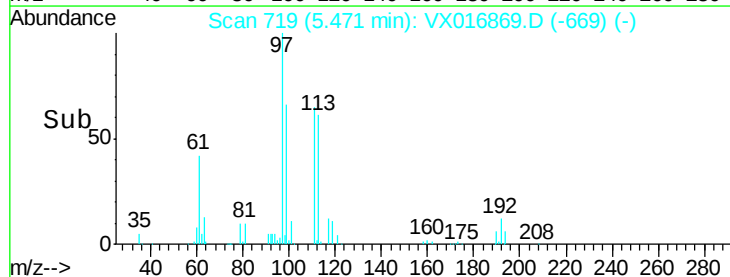
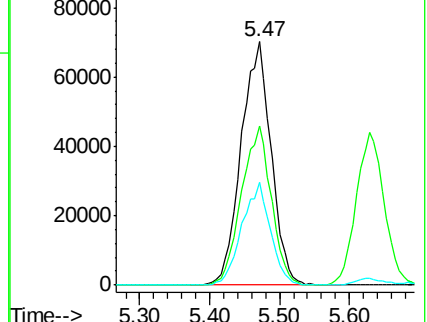
61 40.0 31.3 46.9

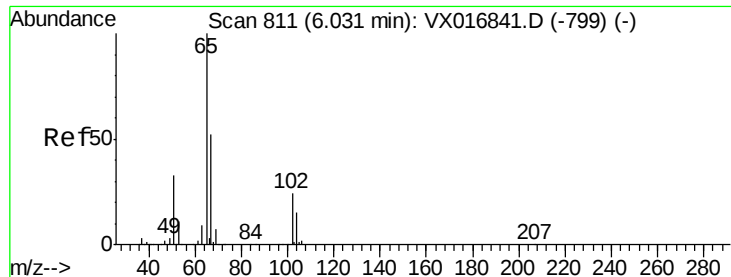


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.052 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampled :

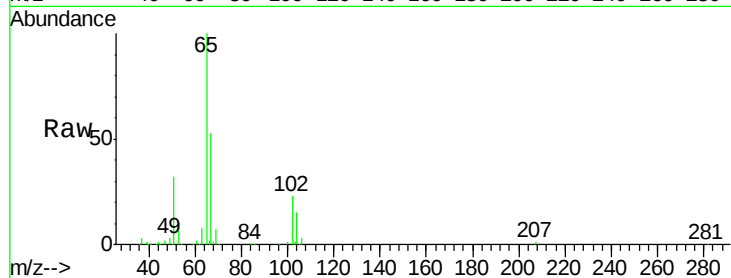
MW-23MSD

Tgt Ion: 65 Resp: 127767

Ion Ratio Lower Upper

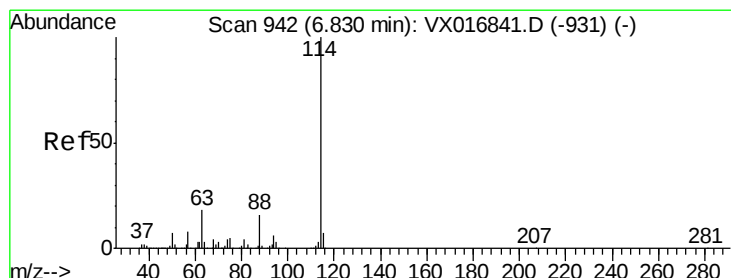
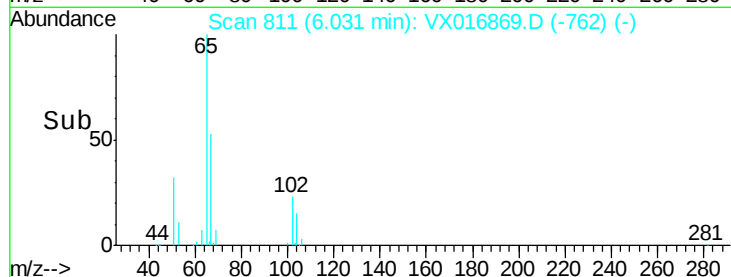
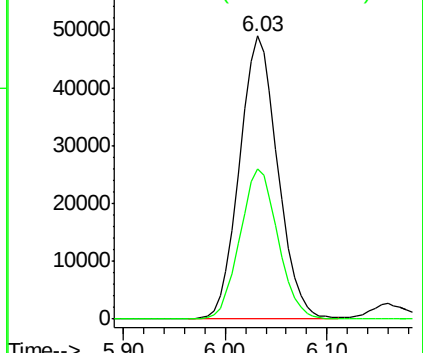
65 100

67 52.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

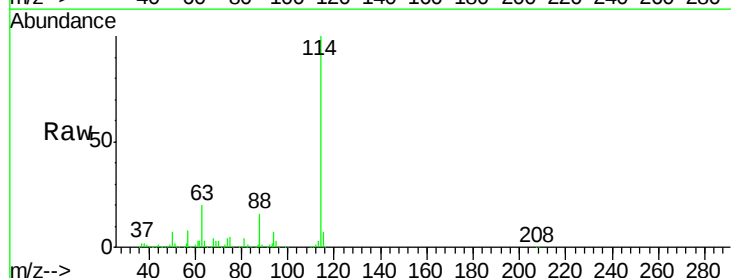
Tgt Ion: 114 Resp: 350556

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.0

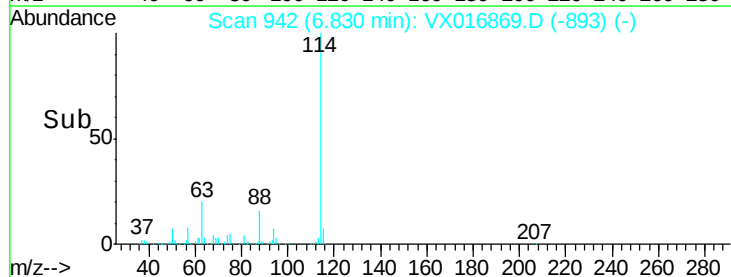
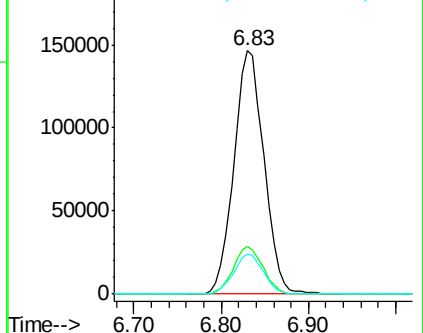
88 16.2 0.0 32.0

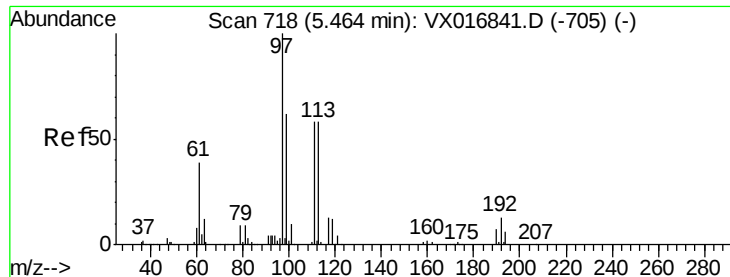


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.893 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampled :

MW-23MSD

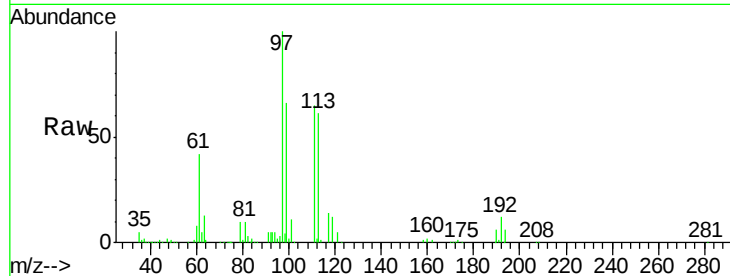
Tgt Ion:113 Resp: 118613

Ion Ratio Lower Upper

113 100

111 103.3 81.0 121.4

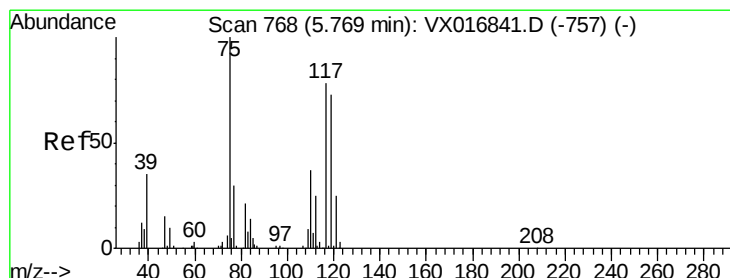
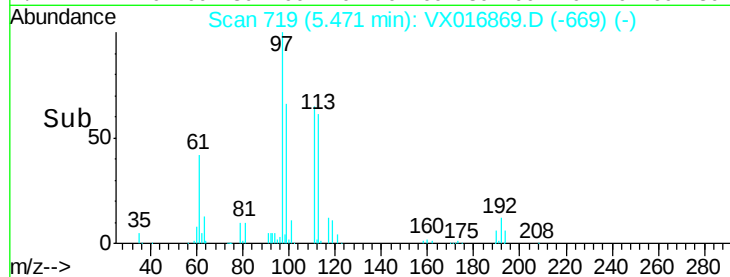
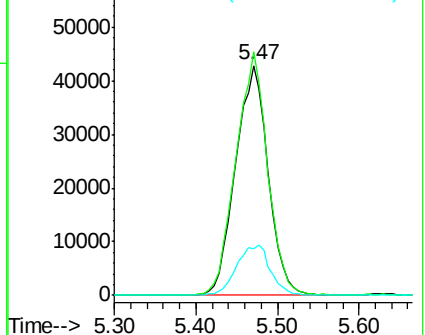
192 22.6 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.618 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

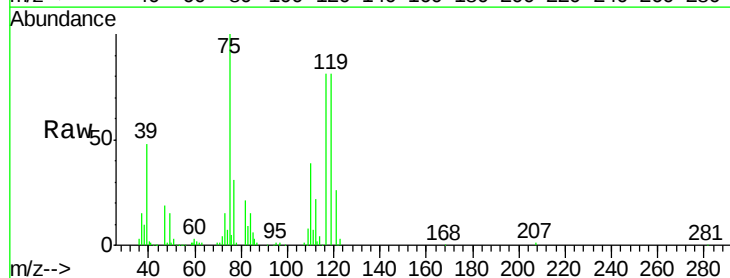
Tgt Ion: 75 Resp: 154129

Ion Ratio Lower Upper

75 100

110 37.1 18.9 56.9

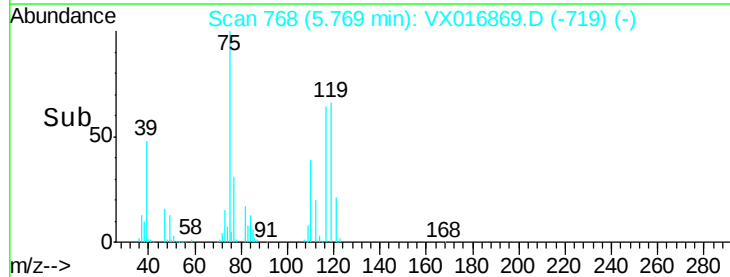
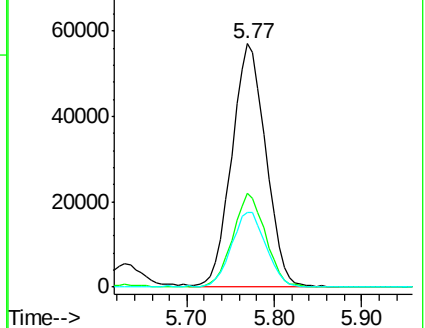
77 31.3 25.6 38.4

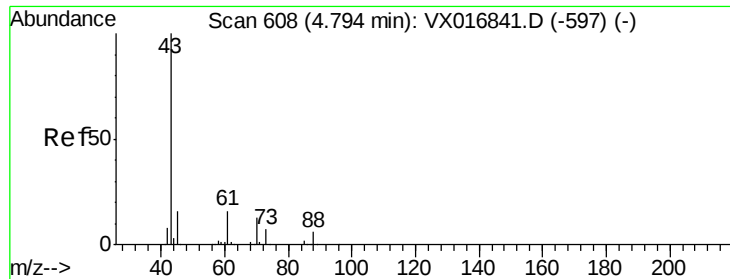


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

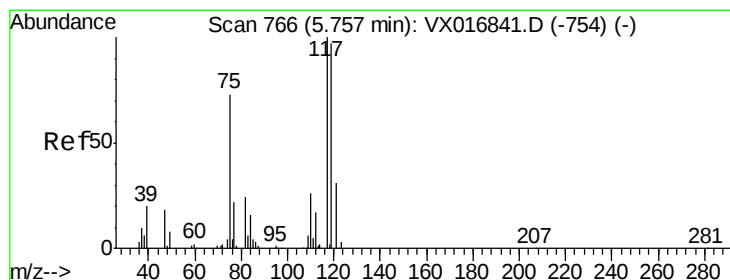
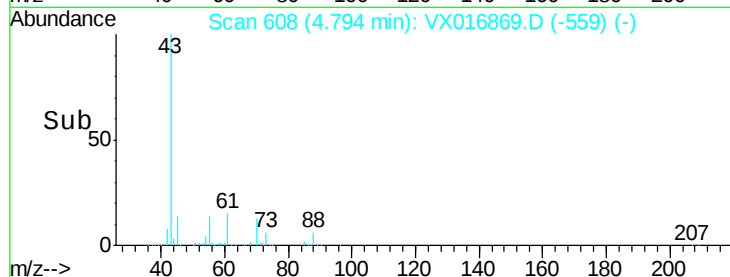
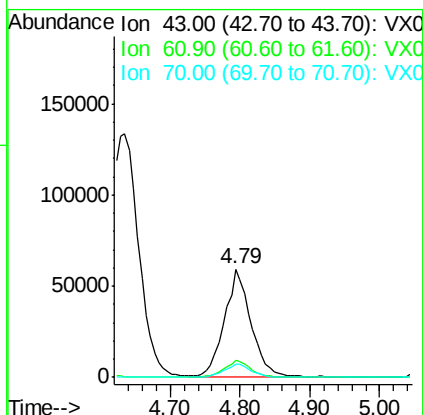
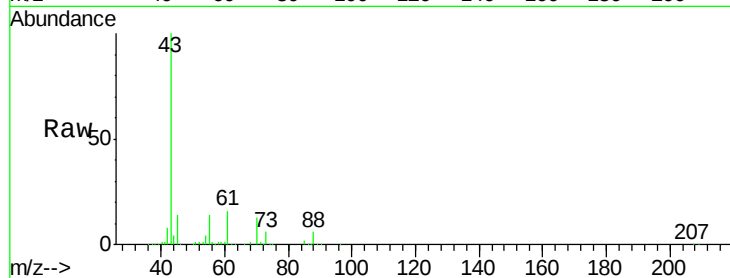




#37
Ethyl Acetate
Concen: 54.900 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

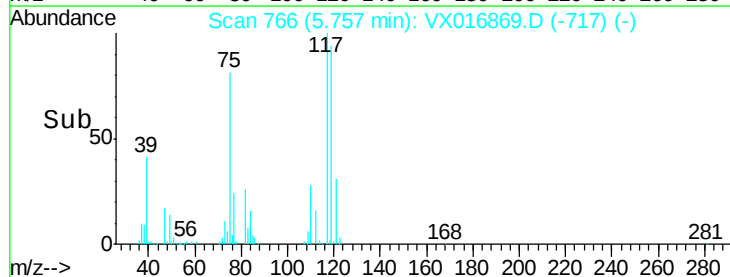
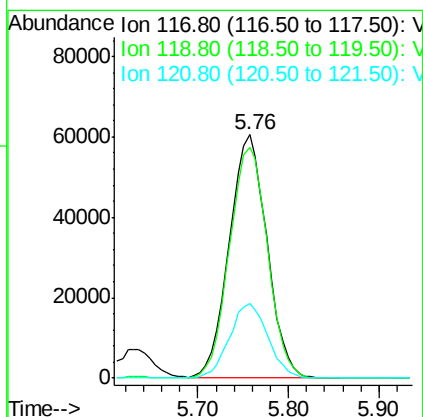
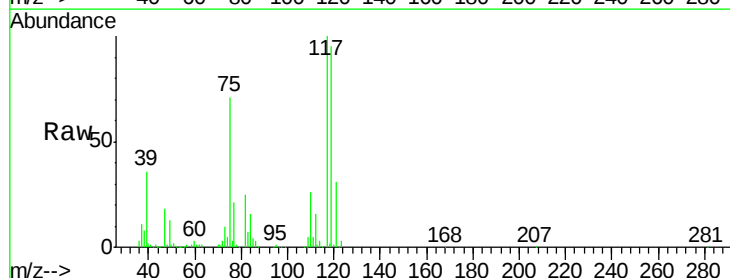
Instrument :
MSVOA_X
ClientSampled :
MW-23MSD

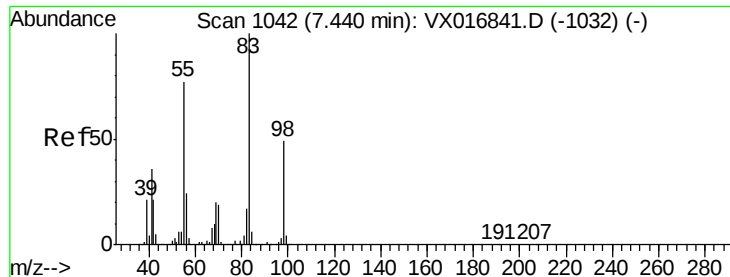
Tgt Ion: 43 Resp: 157008
Ion Ratio Lower Upper
43 100
61 15.5 12.2 18.2
70 12.9 10.5 15.7



#38
Carbon Tetrachloride
Concen: 48.149 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion: 117 Resp: 174868
Ion Ratio Lower Upper
117 100
119 94.6 77.4 116.2
121 30.7 24.7 37.1

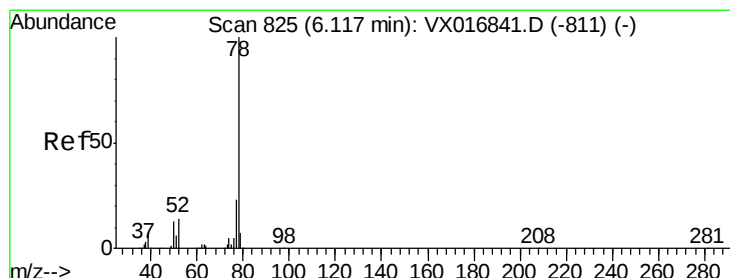
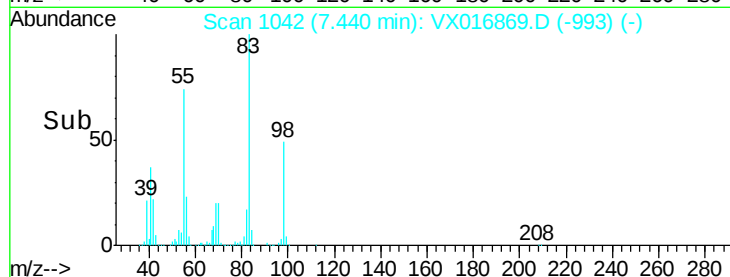
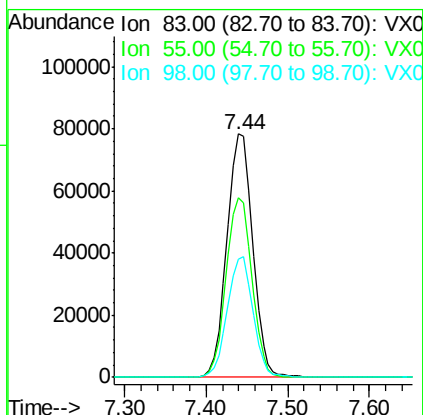
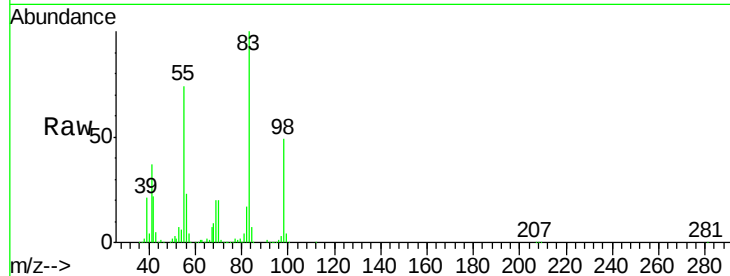




#39
Methylcyclohexane
Concen: 45.526 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

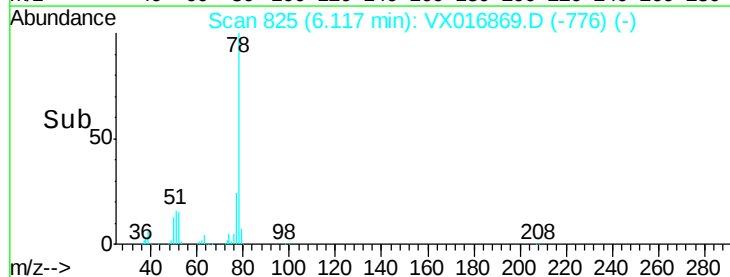
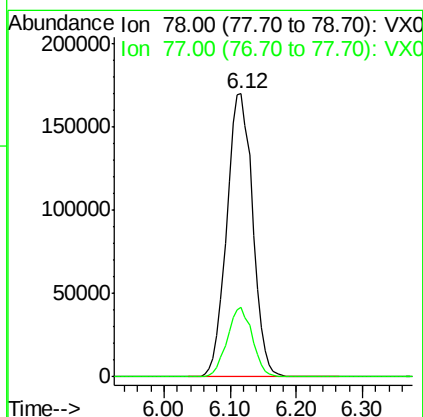
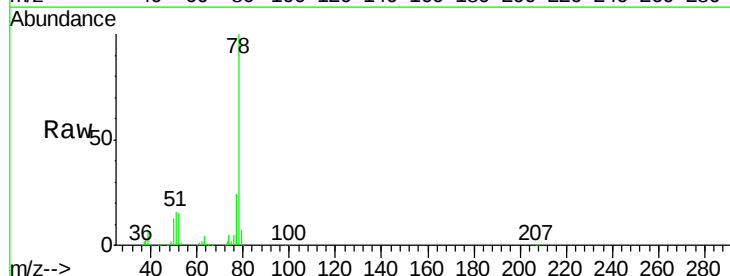
Instrument :
MSVOA_X
ClientSampled :
MW-23MSD

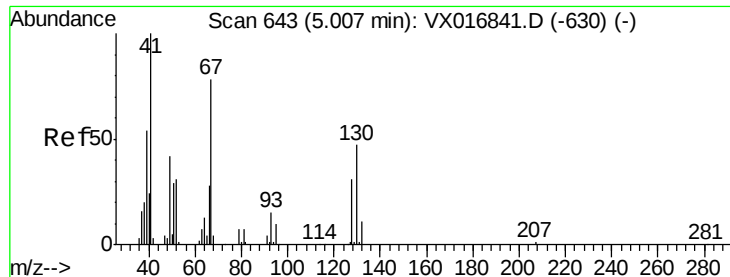
Tgt Ion: 83 Resp: 171341
Ion Ratio Lower Upper
83 100
55 73.6 61.7 92.5
98 48.8 39.0 58.6



#40
Benzene
Concen: 47.495 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion: 78 Resp: 461279
Ion Ratio Lower Upper
78 100
77 24.4 18.6 27.8





#41

Methacrylonitrile

Concen: 60.690 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

MW-23MSD

Tgt Ion: 41 Resp: 94228

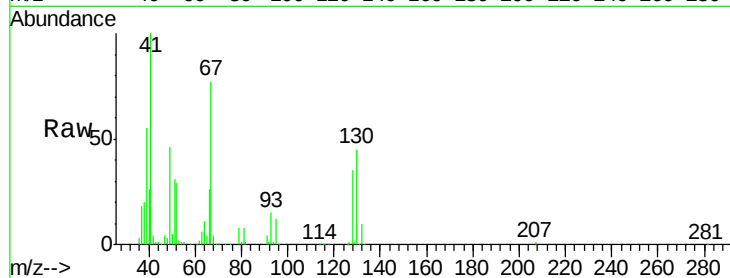
Ion Ratio Lower Upper

41 100

39 55.0 42.6 64.0

67 79.9 64.2 96.2

52 30.9 25.6 38.4

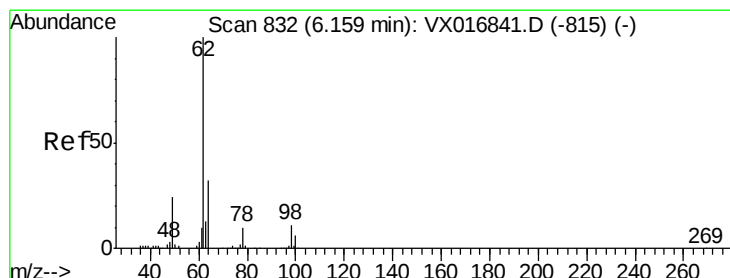
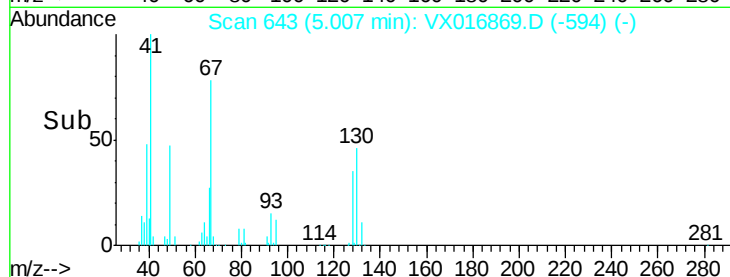
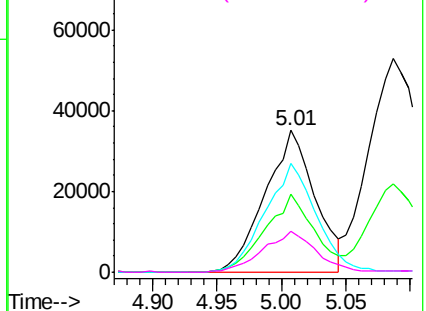


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 48.024 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX016869.D

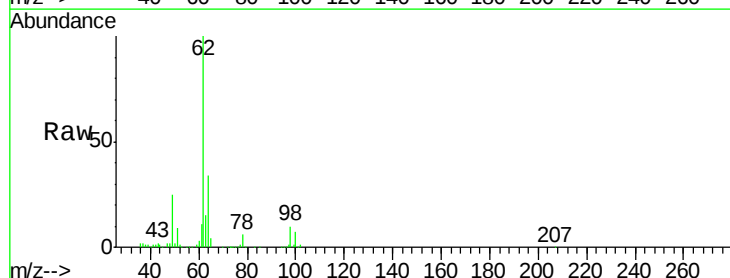
Acq: 19 Jun 2020 03:41

Tgt Ion: 62 Resp: 165975

Ion Ratio Lower Upper

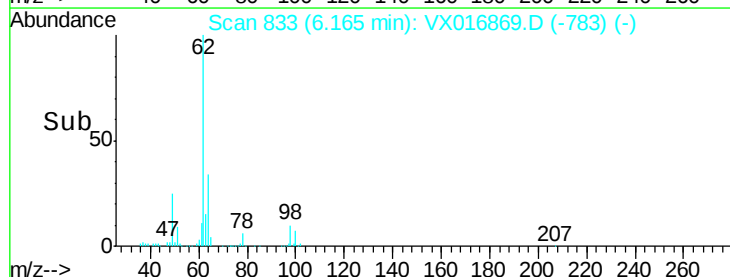
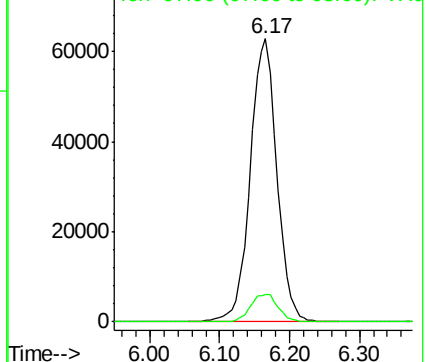
62 100

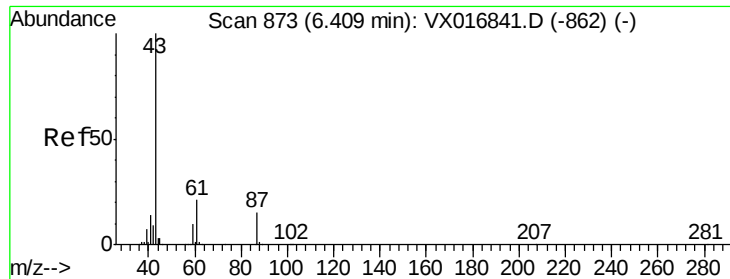
98 10.0 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

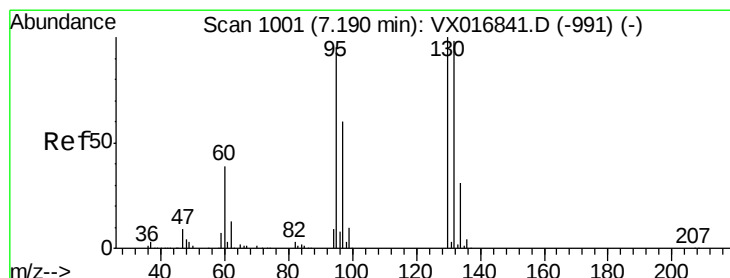
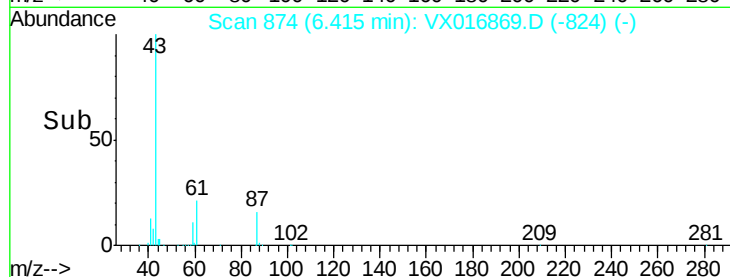
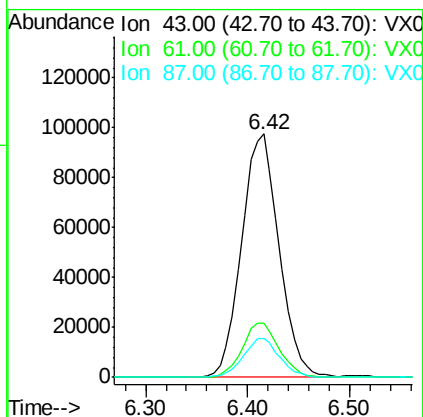
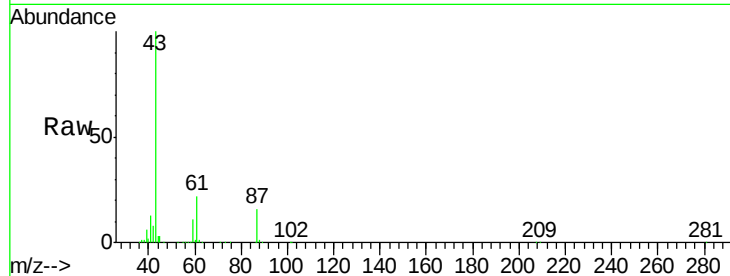




#43
Isopropyl Acetate
Concen: 49.546 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.01 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

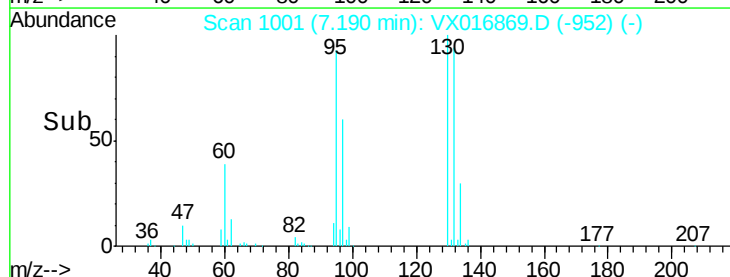
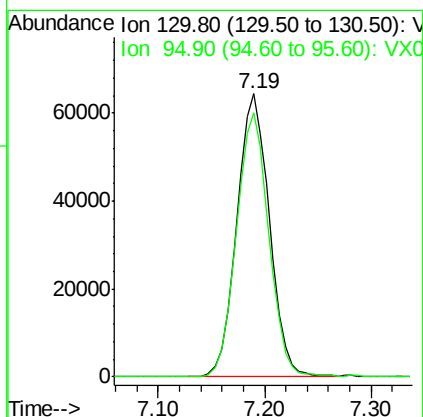
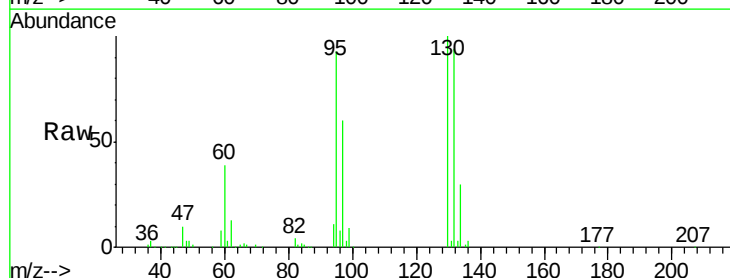
Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

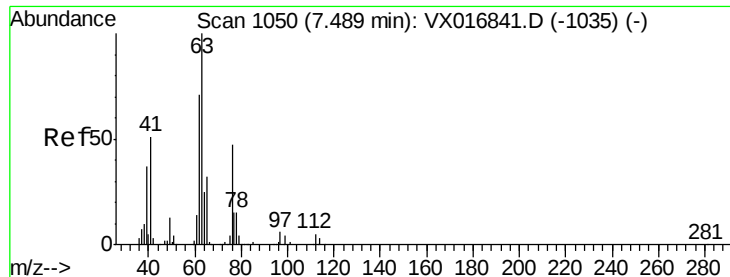
Tgt Ion: 43 Resp: 247439
Ion Ratio Lower Upper
43 100
61 22.1 17.9 26.9
87 15.8 12.4 18.6



#44
Trichloroethene
Concen: 46.480 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion: 130 Resp: 138251
Ion Ratio Lower Upper
130 100
95 93.2 0.0 190.8

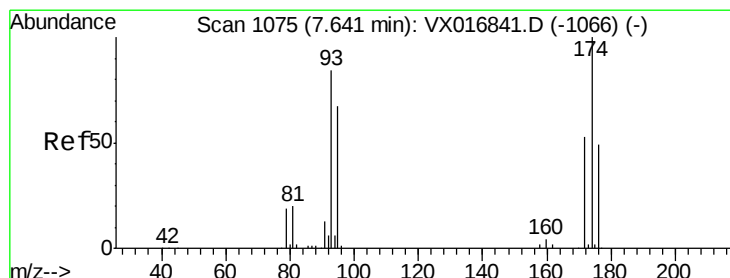
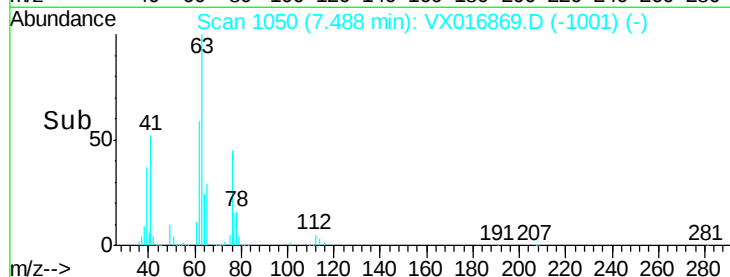
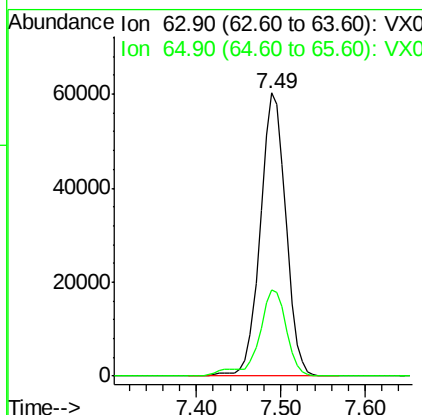
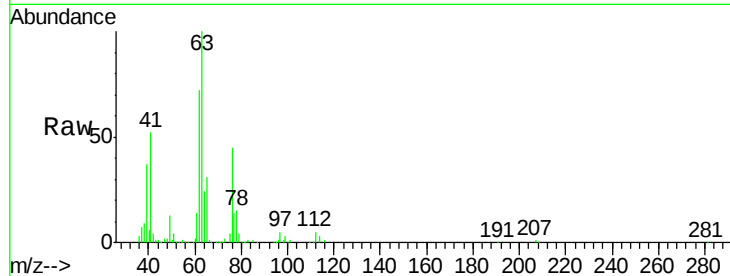




#45
 1,2-Dichloropropane
 Concen: 51.665 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016869.D
 Acq: 19 Jun 2020 03:41

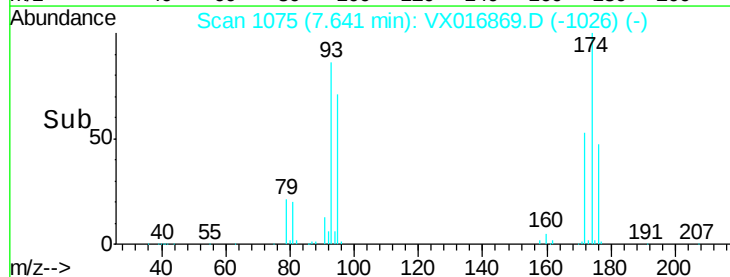
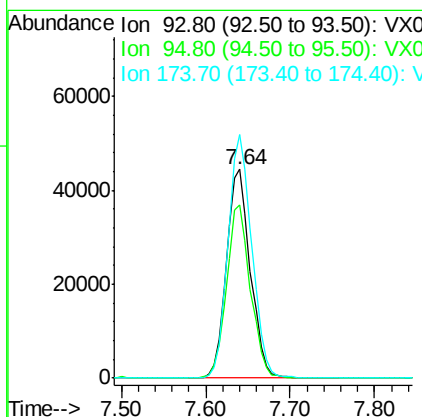
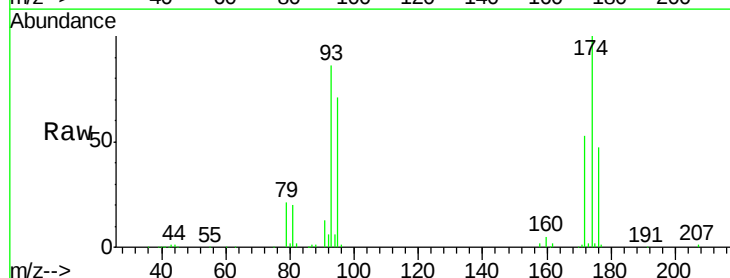
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23MSD

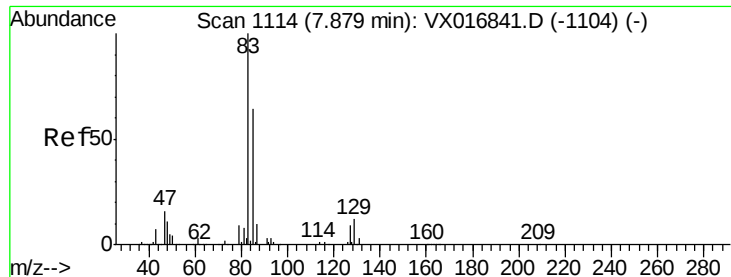
Tgt Ion: 63 Resp: 126143
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.8 38.8



#46
 Dibromomethane
 Concen: 52.049 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016869.D
 Acq: 19 Jun 2020 03:41

Tgt Ion: 93 Resp: 86180
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.7 98.5
 174 116.0 92.8 139.2





#47

Bromodichloromethane

Concen: 59.358 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

MW-23MSD

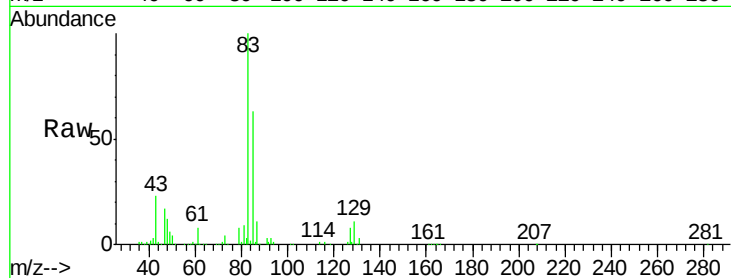
Tgt Ion: 83 Resp: 209027

Ion Ratio Lower Upper

83 100

85 63.3 50.9 76.3

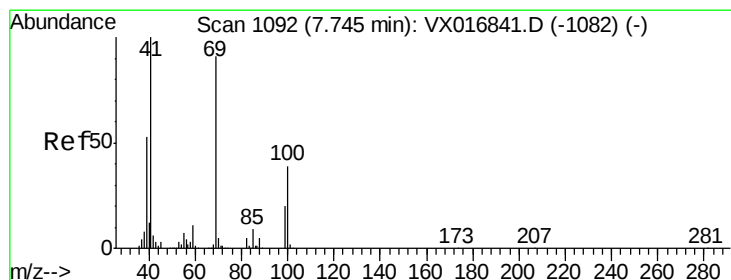
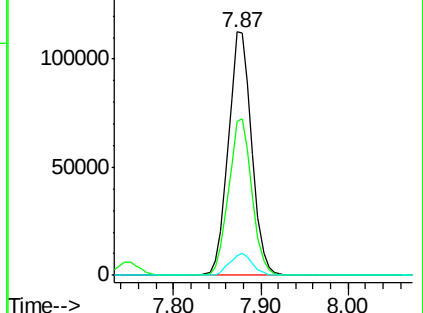
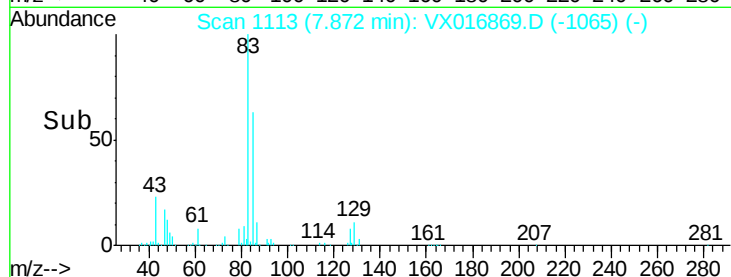
127 8.0 7.4 11.0



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: 58.382 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

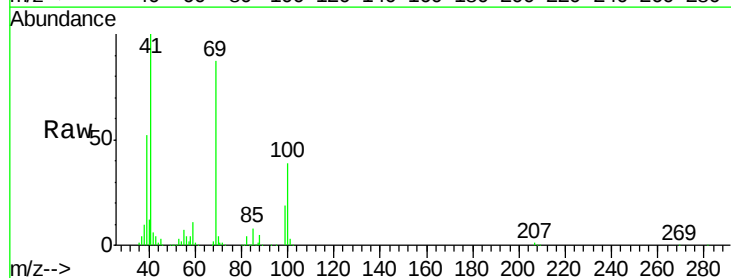
Tgt Ion: 41 Resp: 137297

Ion Ratio Lower Upper

41 100

69 91.7 73.3 109.9

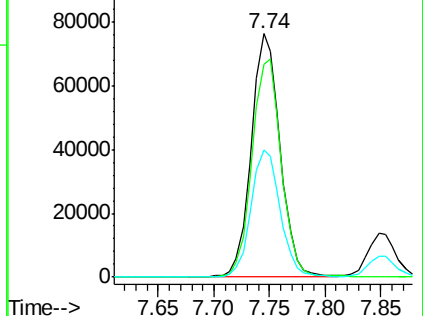
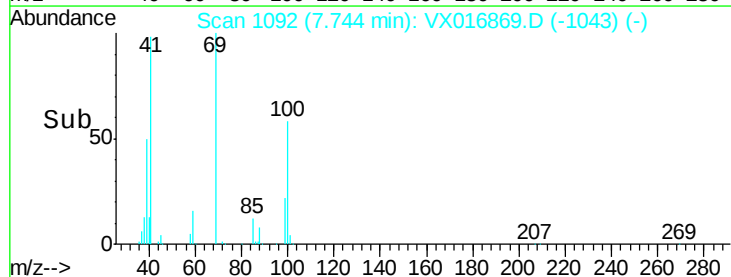
39 52.7 42.4 63.6

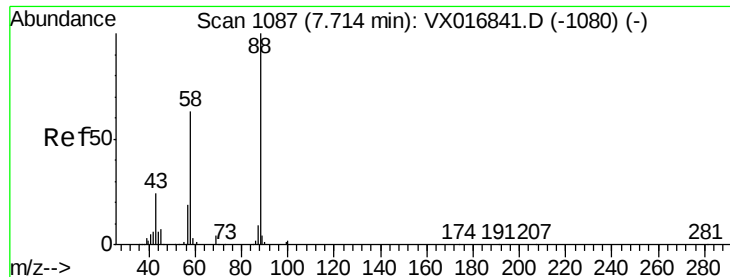


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

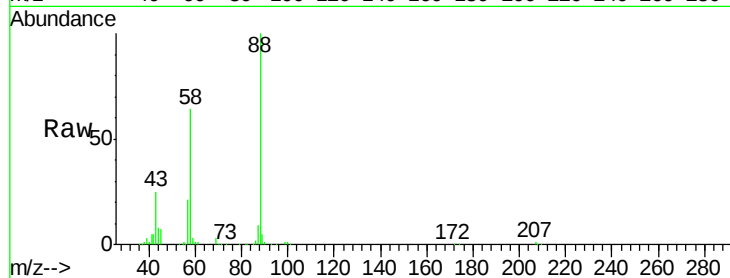




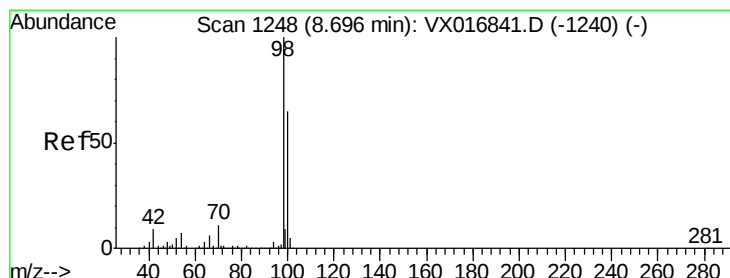
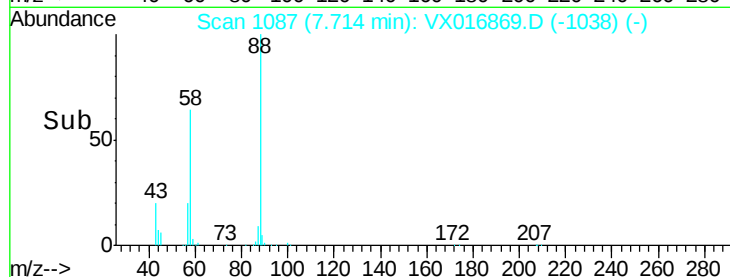
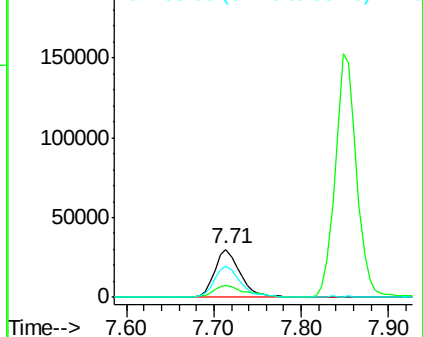
#49
1,4-Dioxane
Concen: 1156.807 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

Tgt Ion: 88 Resp: 60898
Ion Ratio Lower Upper
88 100
43 29.5 22.7 34.1
58 66.8 53.1 79.7

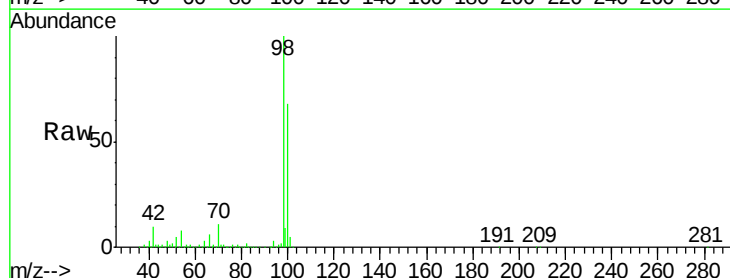


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

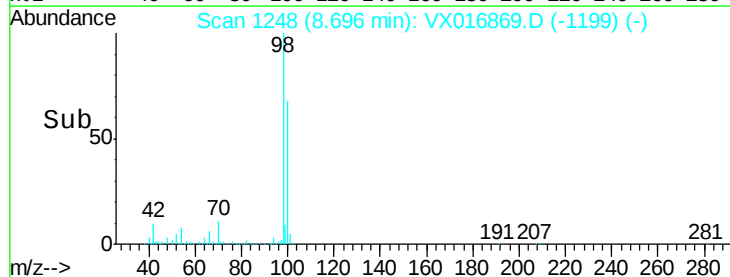
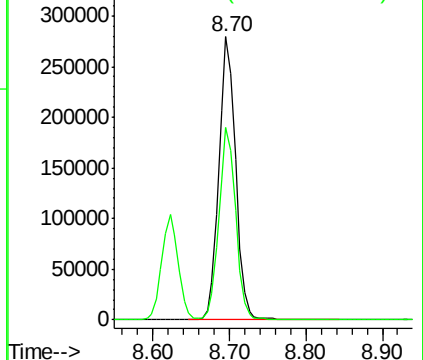


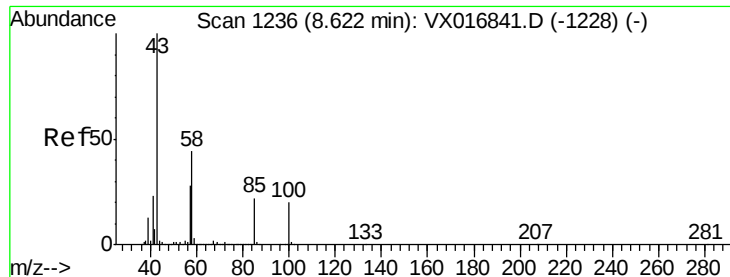
#50
Toluene-d8
Concen: 47.263 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion: 98 Resp: 424043
Ion Ratio Lower Upper
98 100
100 68.4 54.0 81.0



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

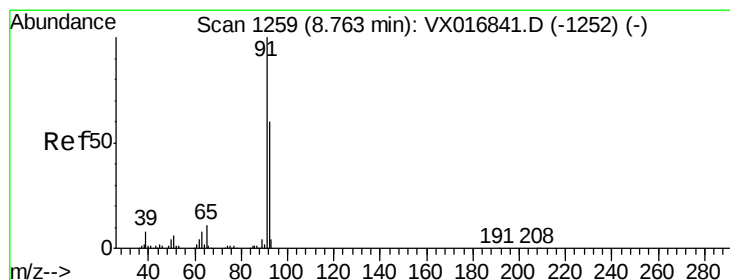
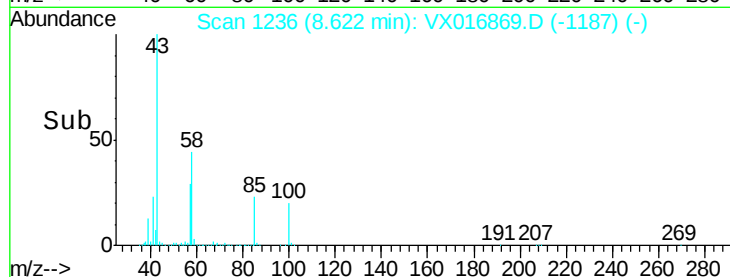
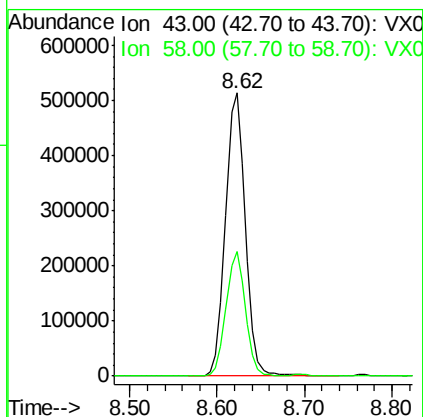
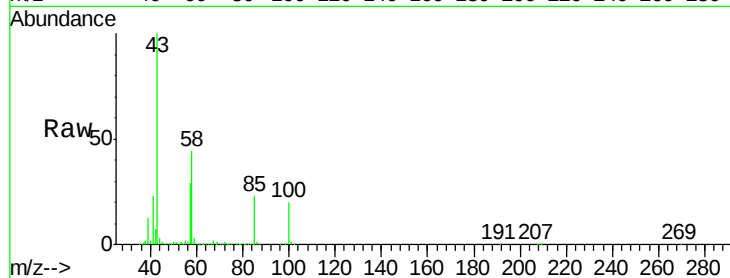




#51
 4-Methyl-2-Pentanone
 Concen: 268.871 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016869.D
 Acq: 19 Jun 2020 03:41

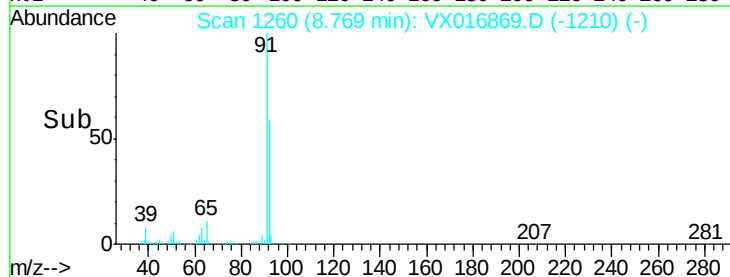
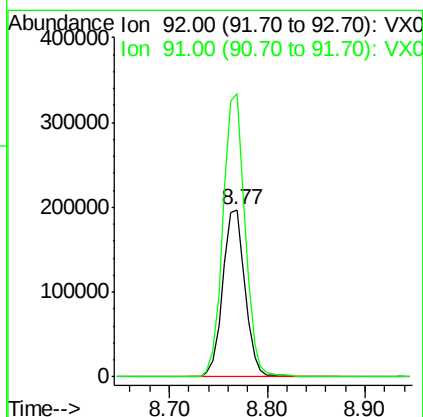
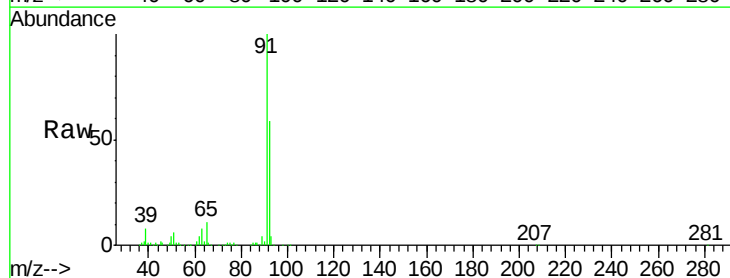
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23MSD

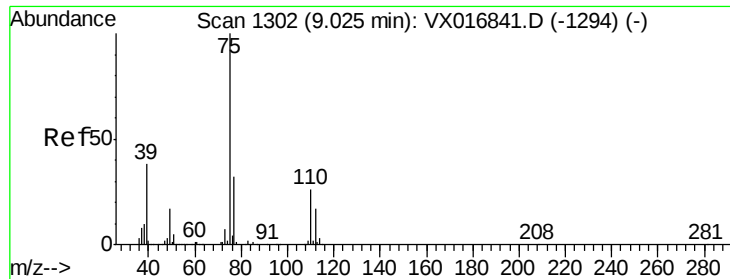
Tgt Ion: 43 Resp: 807634
 Ion Ratio Lower Upper
 43 100
 58 43.0 34.3 51.5



#52
 Toluene
 Concen: 48.455 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: VX016869.D
 Acq: 19 Jun 2020 03:41

Tgt Ion: 92 Resp: 312195
 Ion Ratio Lower Upper
 92 100
 91 168.3 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 54.986 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

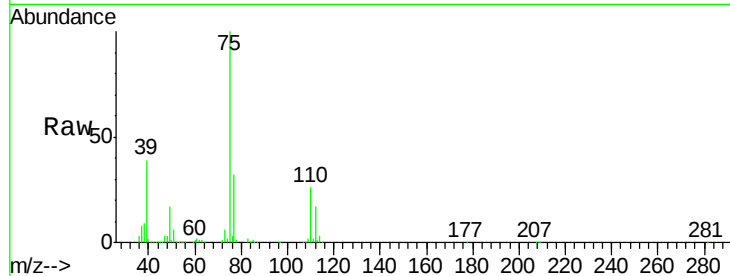
MW-23MSD

Tgt Ion: 75 Resp: 212872

Ion Ratio Lower Upper

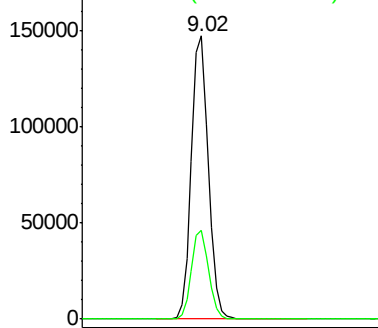
75 100

77 31.5 25.3 37.9

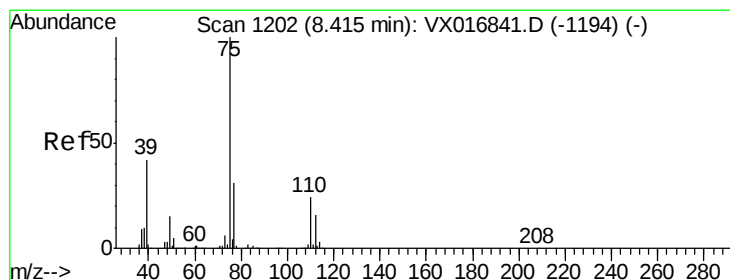
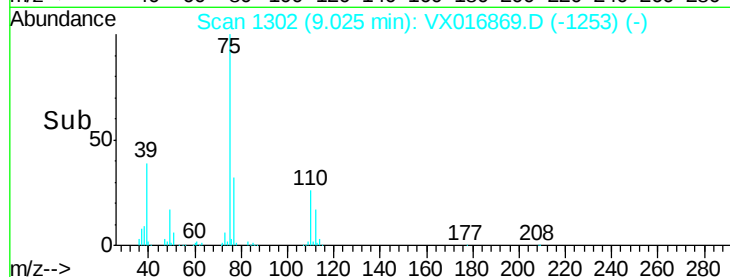


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



Time--> 8.90 9.00 9.10 9.20



#54

cis-1,3-Dichloropropene

Concen: 53.091 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

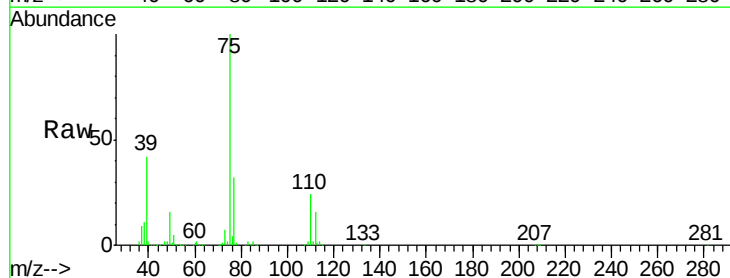
Tgt Ion: 75 Resp: 219882

Ion Ratio Lower Upper

75 100

77 32.0 24.9 37.3

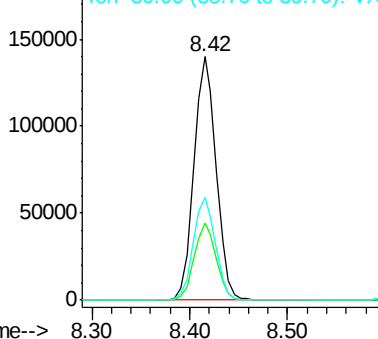
39 42.4 33.4 50.0



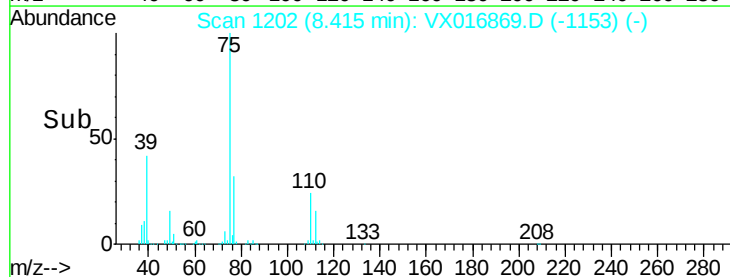
Abundance Ion 74.90 (74.60 to 75.60): VX0

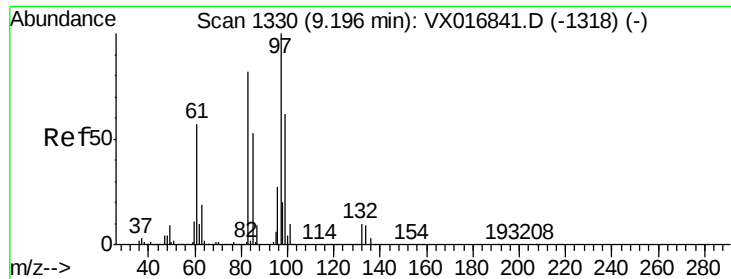
Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time--> 8.30 8.40 8.50

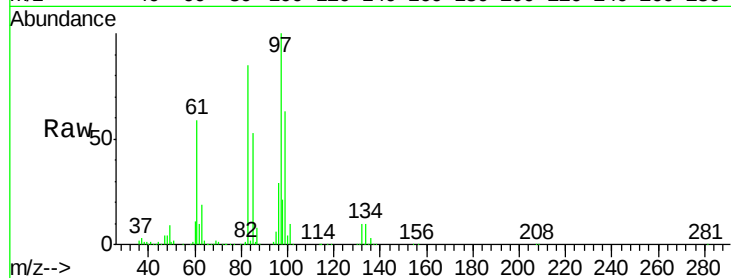




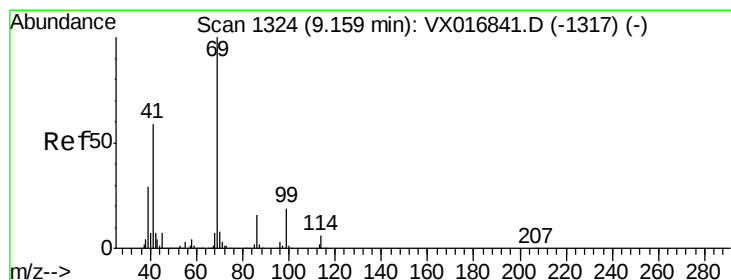
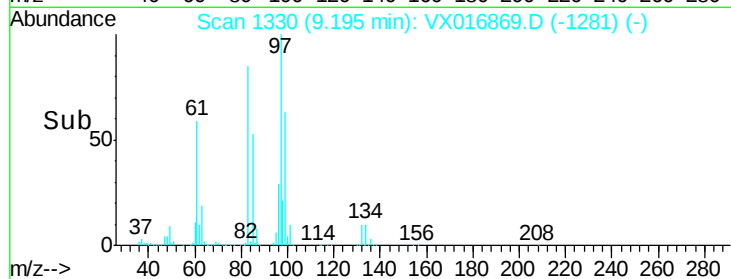
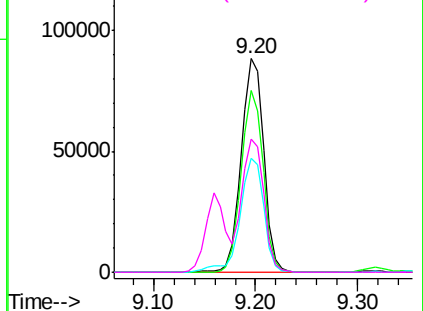
#55
 1,1,2-Trichloroethane
 Concen: 55.320 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016869.D
 Acq: 19 Jun 2020 03:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23MSD

Tgt Ion:	97	Resp:	134573
Ion	Ratio	Lower	Upper
97	100		
83	84.9	65.5	98.3
85	53.4	42.6	63.8
99	62.5	49.4	74.0

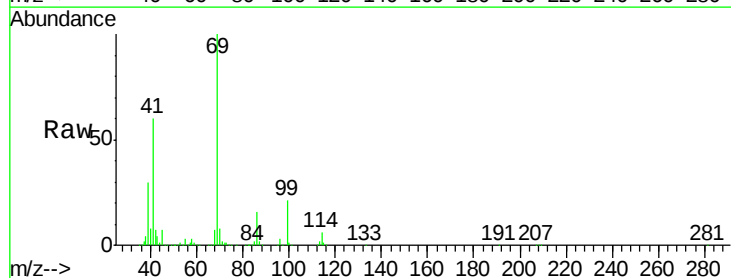


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

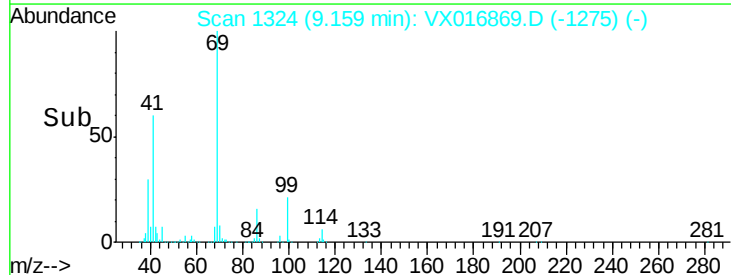
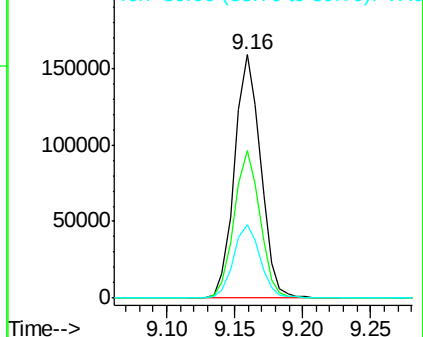


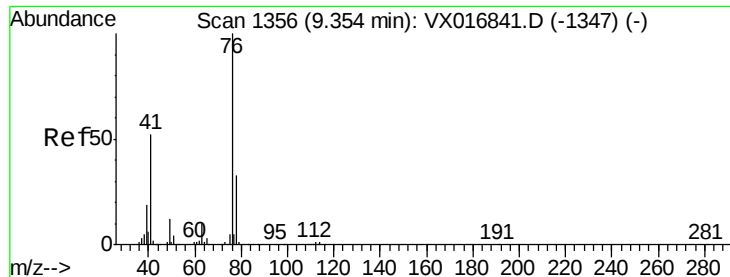
#56
 Ethyl methacrylate
 Concen: 60.494 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016869.D
 Acq: 19 Jun 2020 03:41

Tgt Ion:	69	Resp:	213035
Ion	Ratio	Lower	Upper
69	100		
41	60.0	47.9	71.9
39	30.7	24.2	36.4



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





#57

1,3-Dichloropropane

Concen: 52.542 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

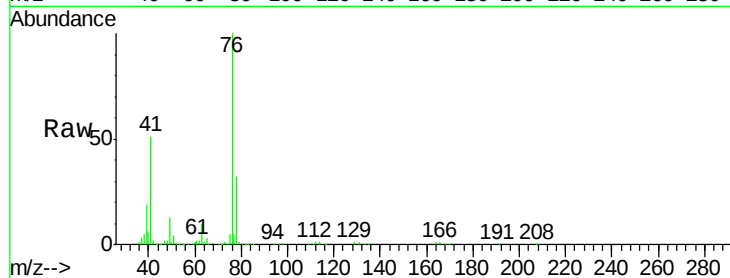
MW-23MSD

Tgt Ion: 76 Resp: 216679

Ion Ratio Lower Upper

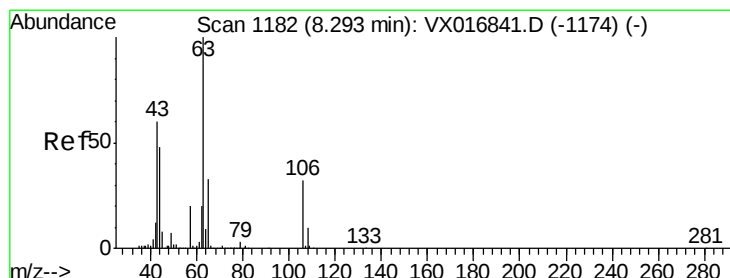
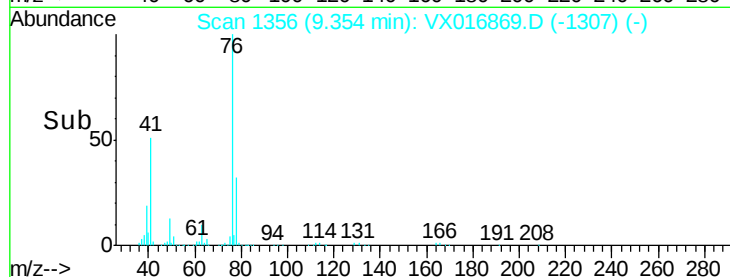
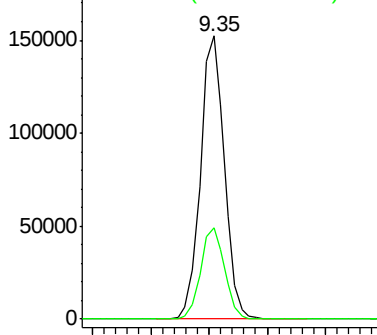
76 100

78 32.5 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 0.279 ug/l

RT: 8.23 min Scan# 1171

Delta R.T. -0.07 min

Lab File: VX016869.D

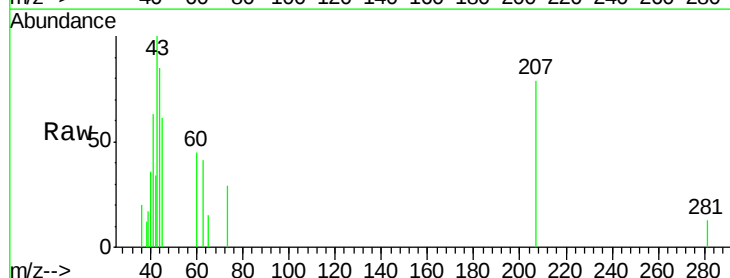
Acq: 19 Jun 2020 03:41

Tgt Ion: 63 Resp: 457

Ion Ratio Lower Upper

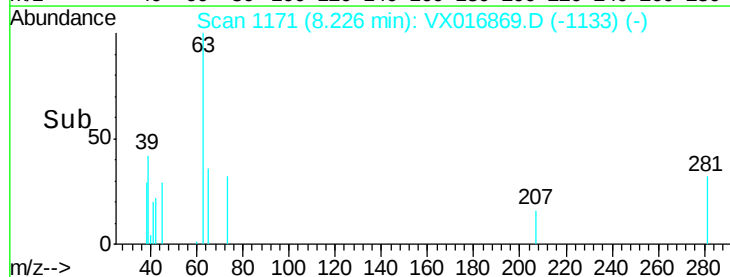
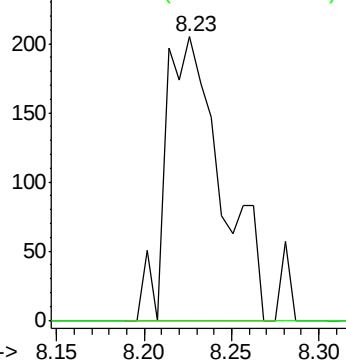
63 100

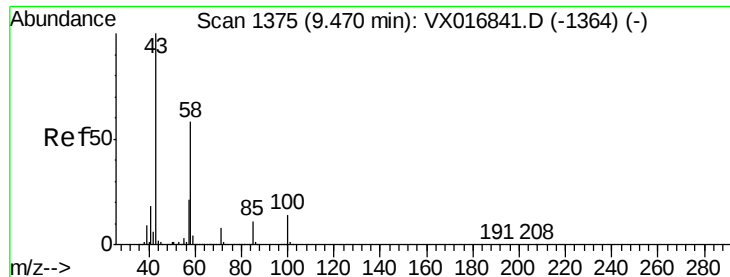
106 0.0 25.8 38.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

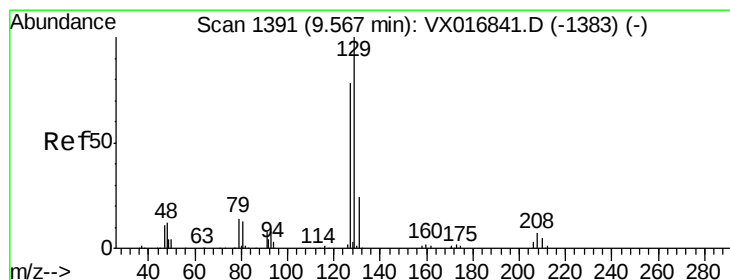
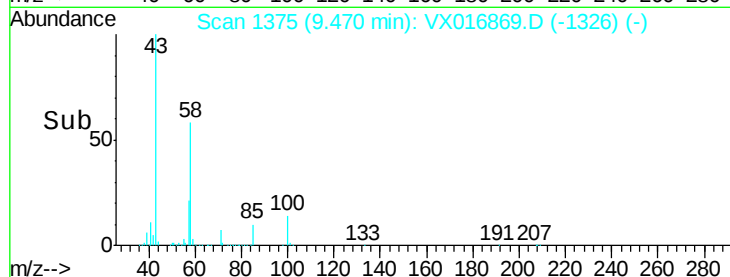
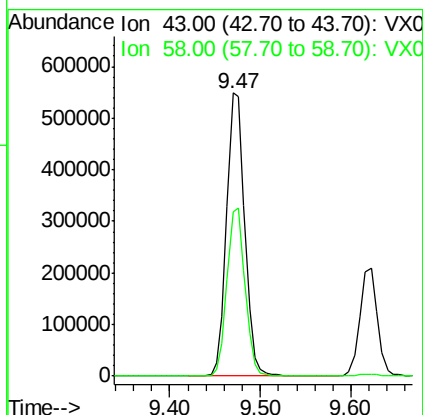
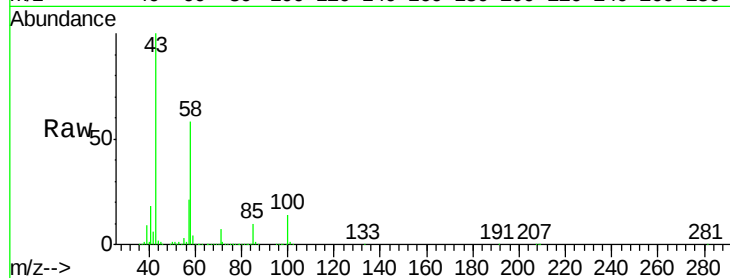




#59
2-Hexanone
Concen: 351.882 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

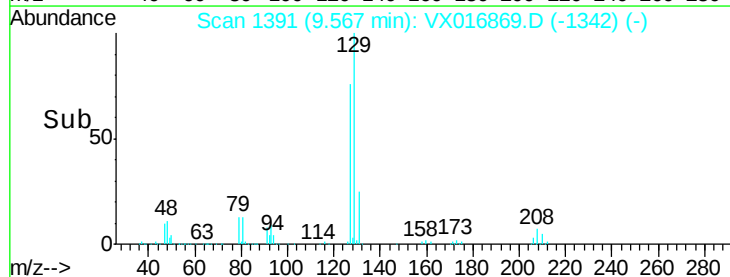
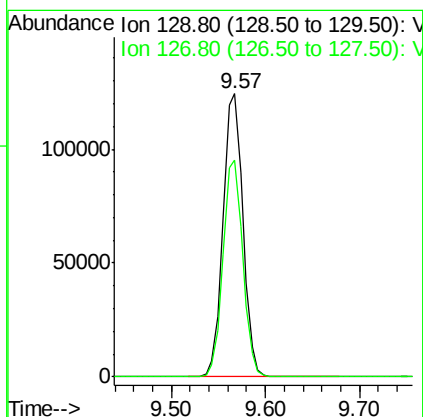
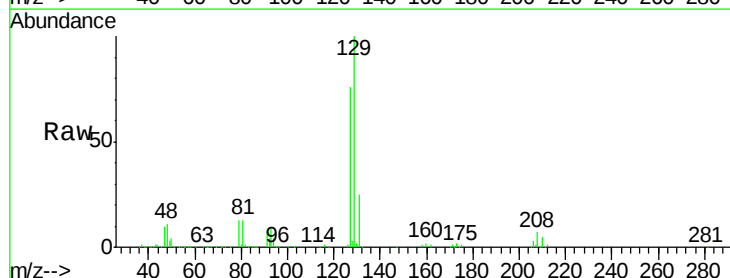
Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

Tgt Ion: 43 Resp: 765434
Ion Ratio Lower Upper
43 100
58 59.2 29.8 89.4



#60
Dibromochloromethane
Concen: 62.490 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion: 129 Resp: 182361
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 61.571 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

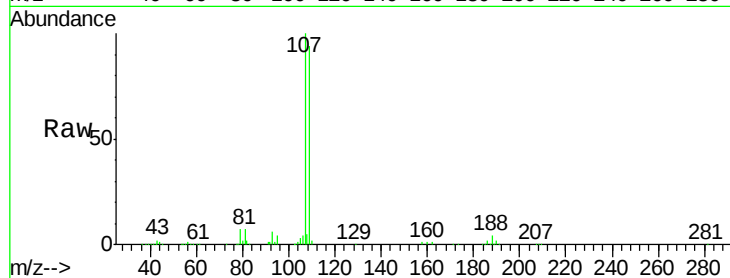
MW-23MSD

Tgt Ion: 107 Resp: 162545

Ion Ratio Lower Upper

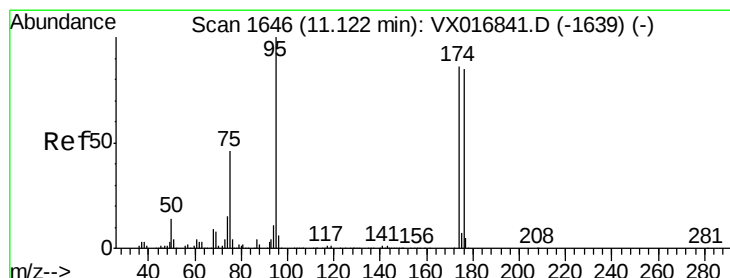
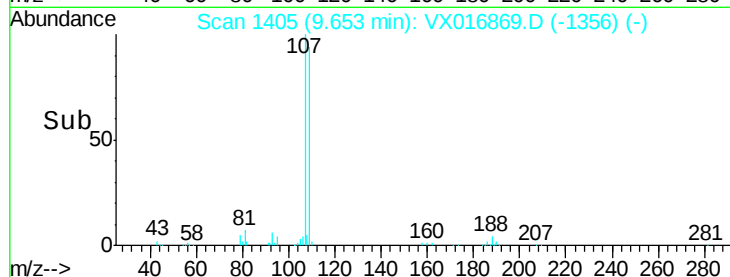
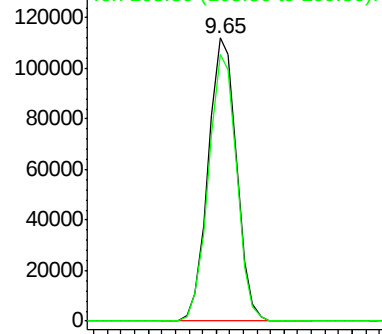
107 100

109 93.7 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.046 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

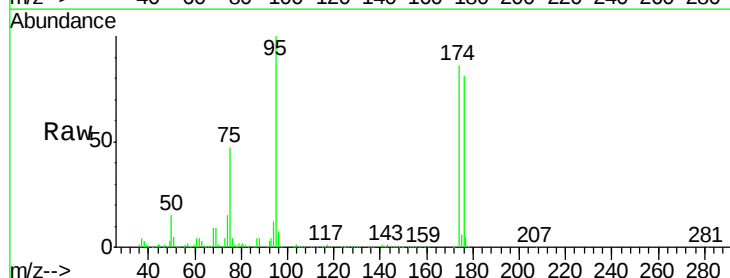
Tgt Ion: 95 Resp: 161722

Ion Ratio Lower Upper

95 100

174 86.0 0.0 174.2

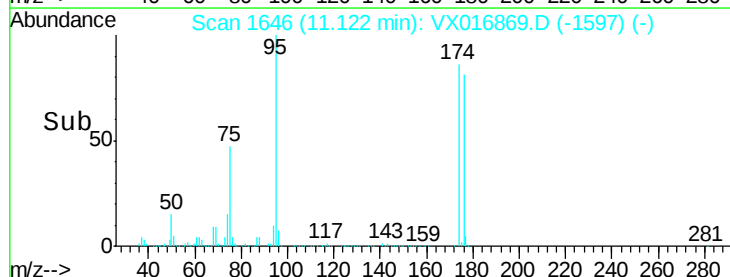
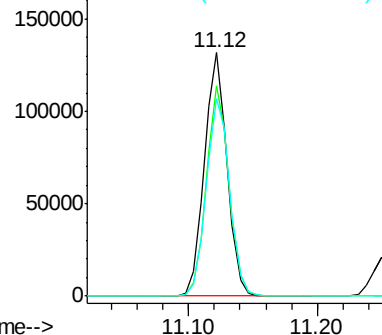
176 83.4 0.0 170.0

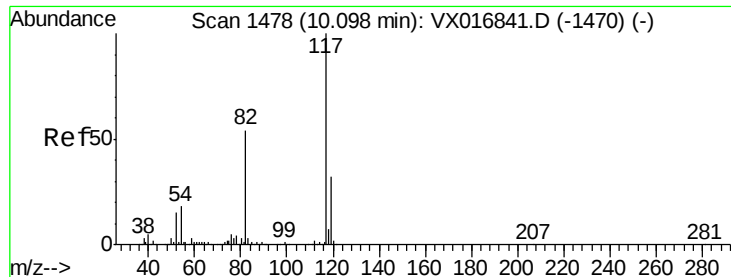


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

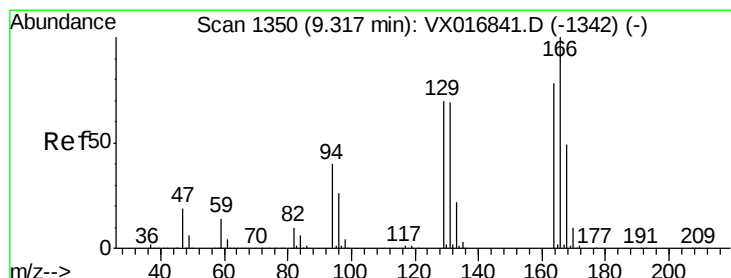
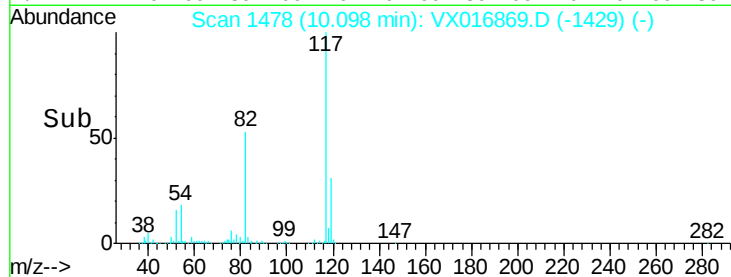
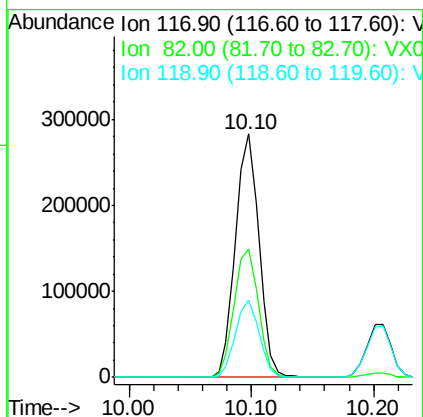
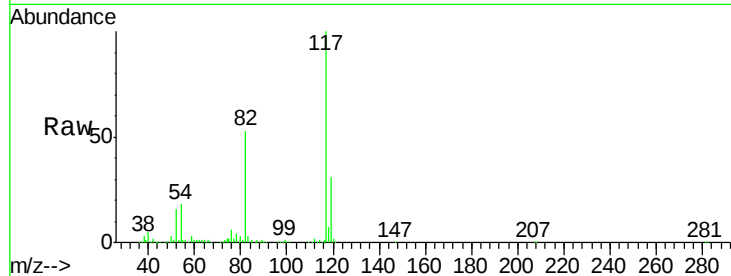




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

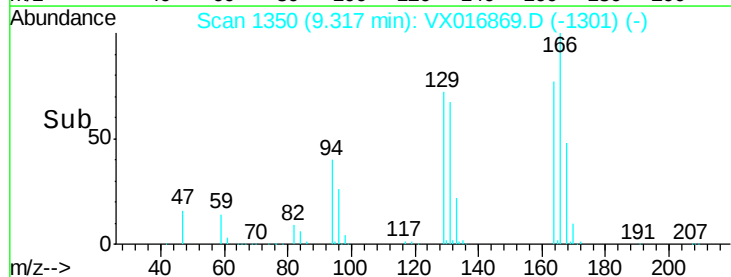
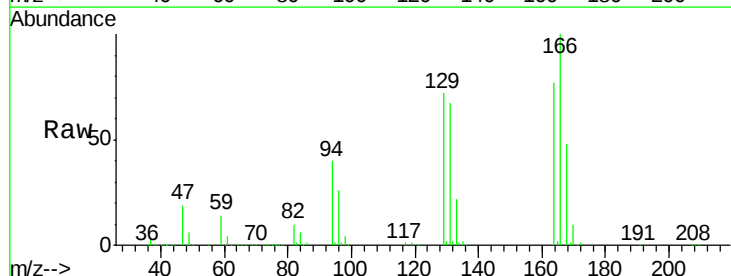
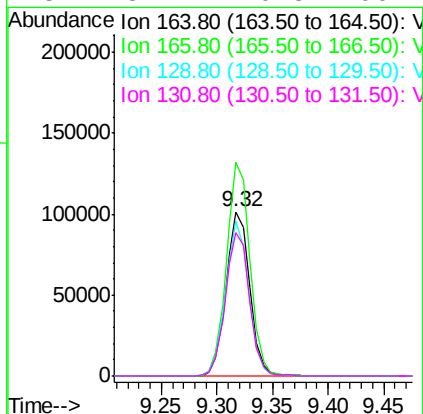
Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

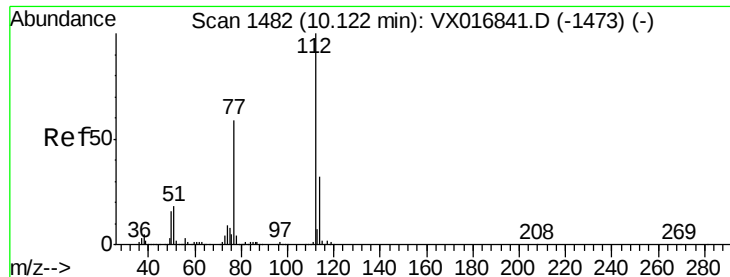
Tgt Ion:117 Resp: 377246
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 31.5 25.7 38.5



#64
Tetrachloroethene
Concen: 42.648 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion:164 Resp: 148984
Ion Ratio Lower Upper
164 100
166 130.0 102.6 153.8
129 94.2 72.2 108.2
131 87.1 70.8 106.2





#65

Chlorobenzene

Concen: 46.686 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

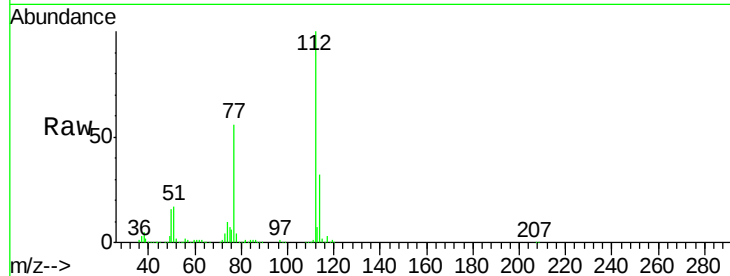
MW-23MSD

Tgt Ion:112 Resp: 356641

Ion Ratio Lower Upper

112 100

114 31.9 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

250000

200000

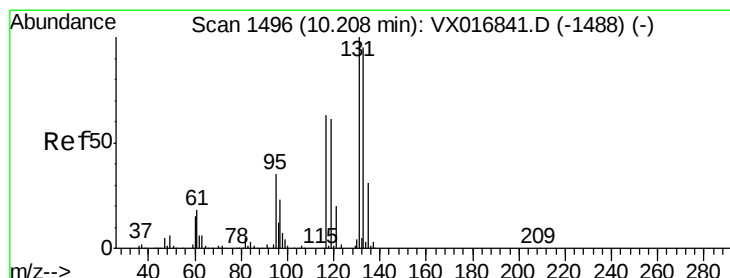
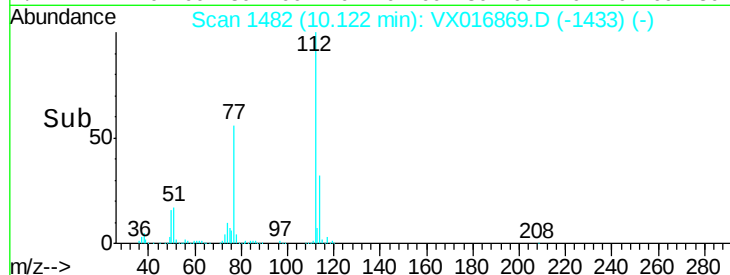
150000

100000

50000

0

Time--> 10.00 10.10 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 45.565 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

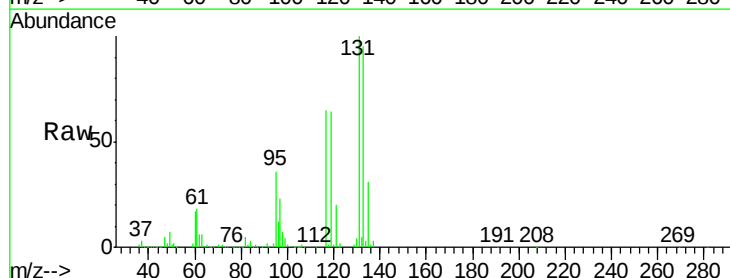
Tgt Ion:131 Resp: 134902

Ion Ratio Lower Upper

131 100

133 94.7 47.7 143.1

119 62.6 30.8 92.4



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

10.21

120000

100000

80000

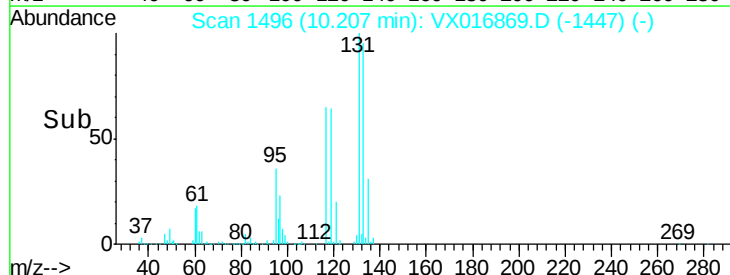
60000

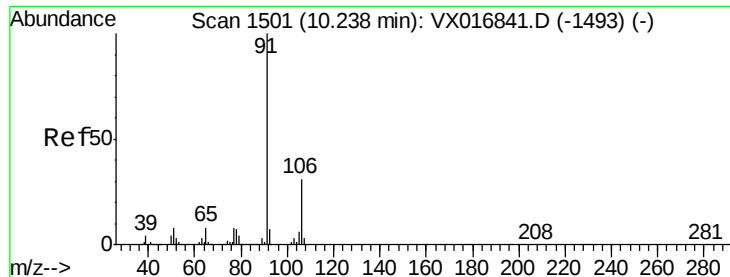
40000

20000

0

Time--> 10.20 10.30

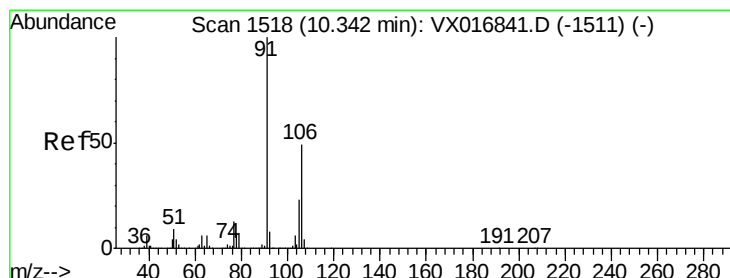
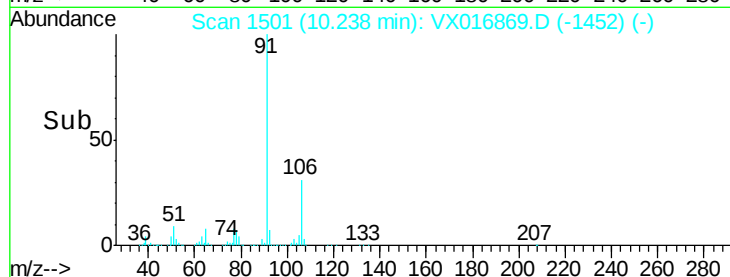
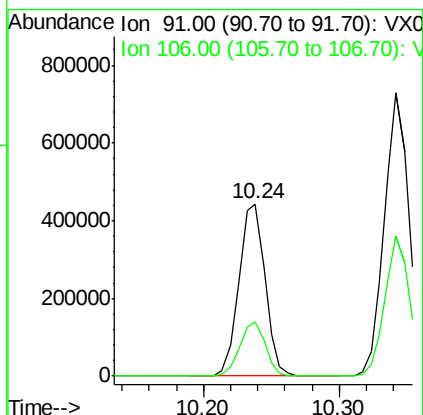
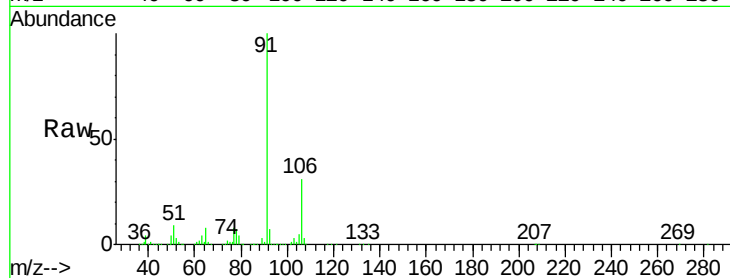




#67
Ethyl Benzene
Concen: 46.146 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

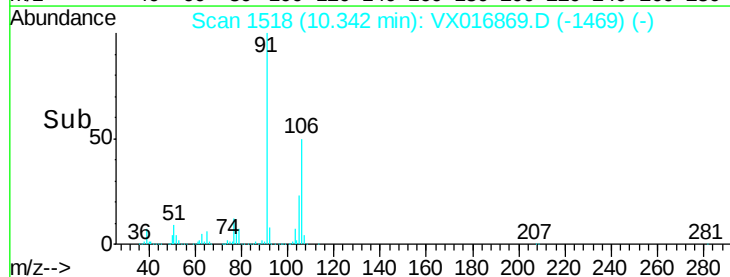
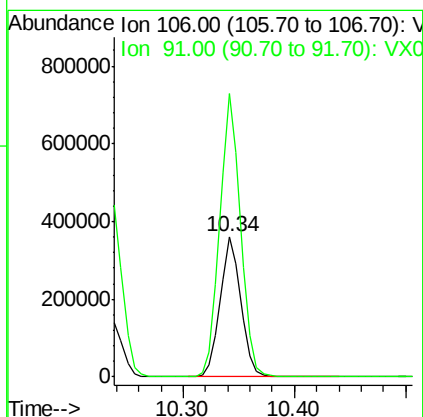
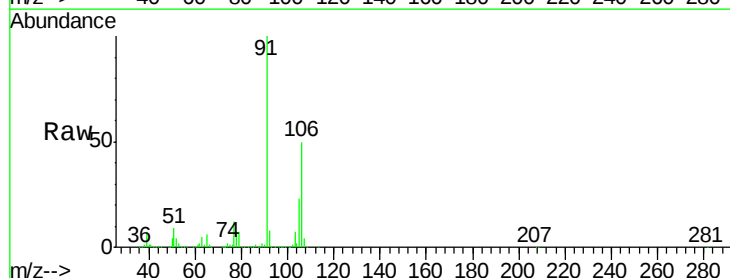
Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

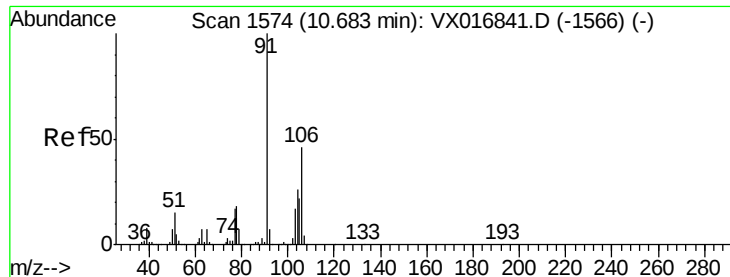
Tgt Ion: 91 Resp: 594777
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7



#68
m/p-Xylenes
Concen: 92.699 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion: 106 Resp: 464937
Ion Ratio Lower Upper
106 100
91 202.5 161.5 242.3

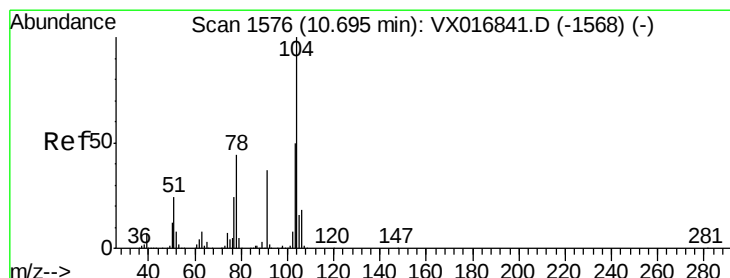
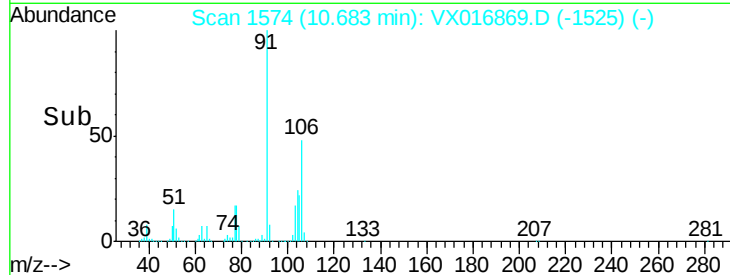
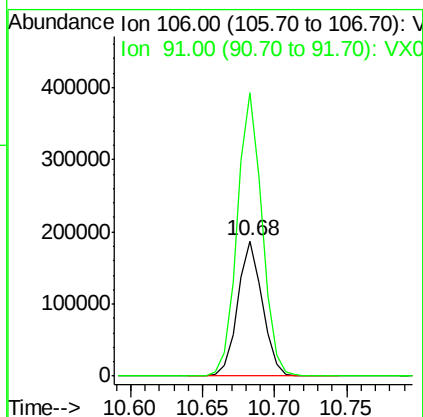
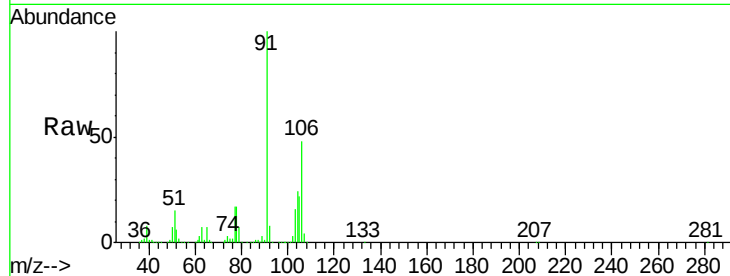




#69
o-Xylene
Concen: 47.995 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

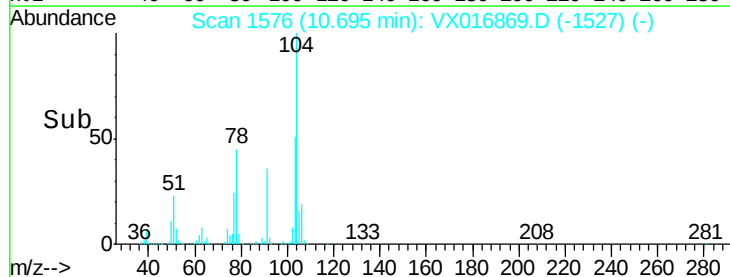
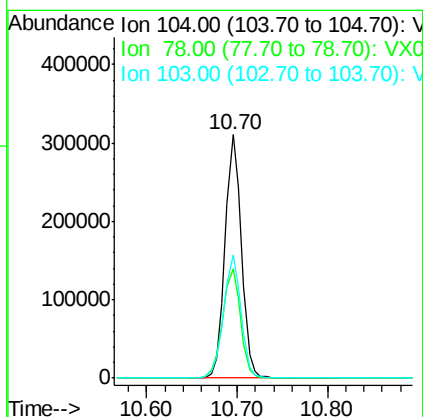
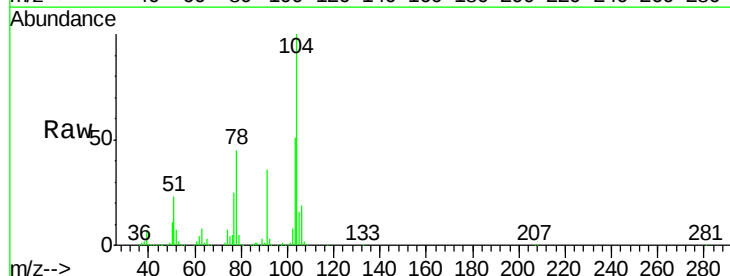
Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

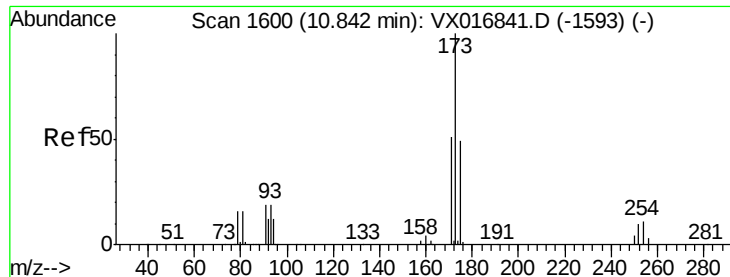
Tgt Ion:106 Resp: 222585
Ion Ratio Lower Upper
106 100
91 212.4 107.9 323.7



#70
Styrene
Concen: 49.547 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion:104 Resp: 390421
Ion Ratio Lower Upper
104 100
78 49.4 39.6 59.4
103 53.7 43.3 64.9





#71

Bromoform

Concen: 48.847 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

MW-23MSD

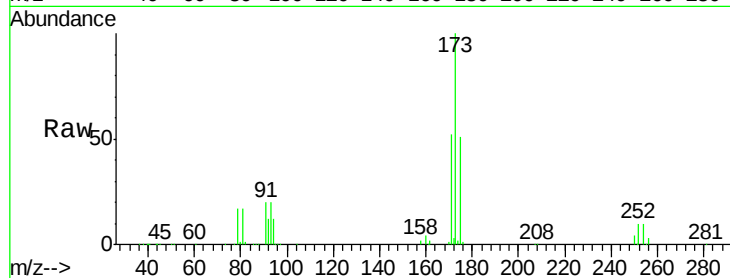
Tgt Ion:173 Resp: 121587

Ion Ratio Lower Upper

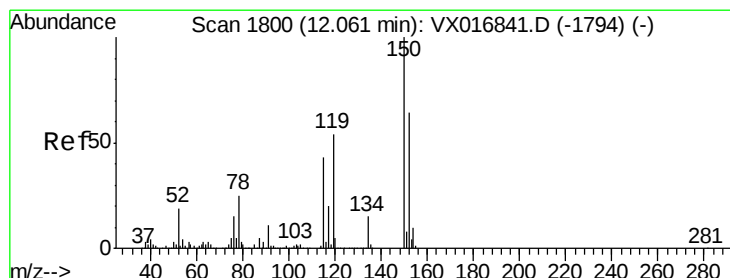
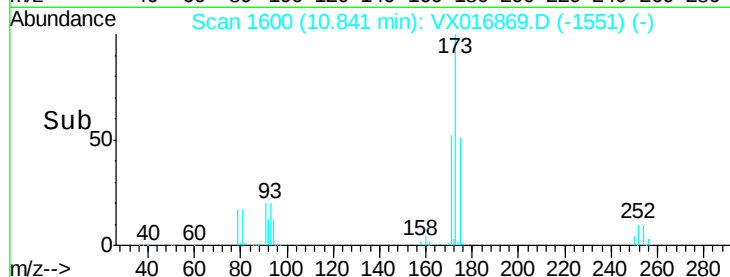
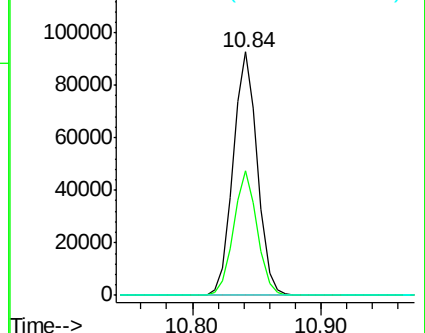
173 100

175 49.8 24.3 73.0

254 0.1 0.1 0.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

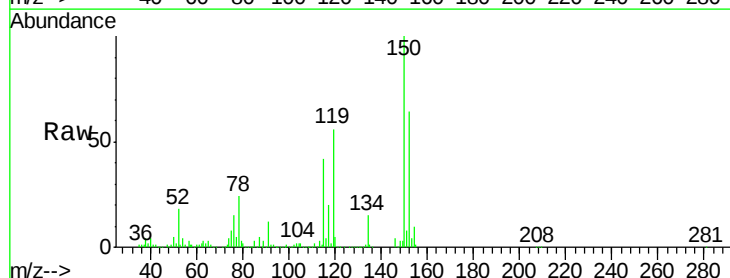
Tgt Ion:152 Resp: 170779

Ion Ratio Lower Upper

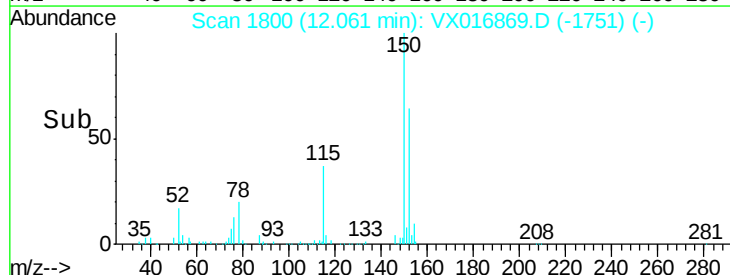
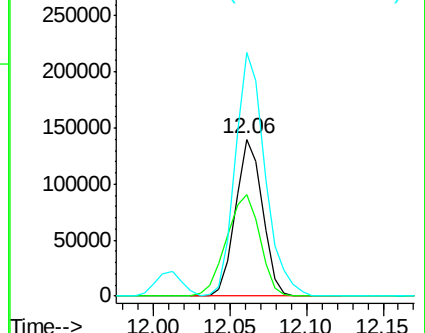
152 100

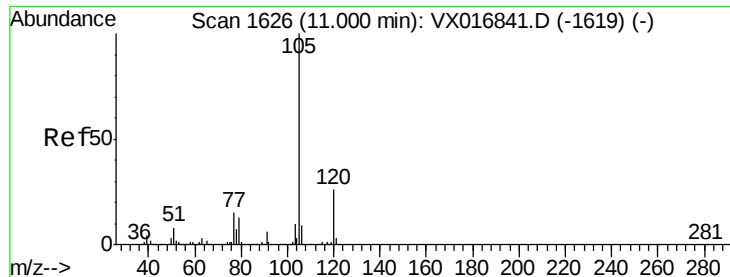
115 80.3 40.9 122.8

150 171.9 0.0 344.2



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: 53.436 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampled :

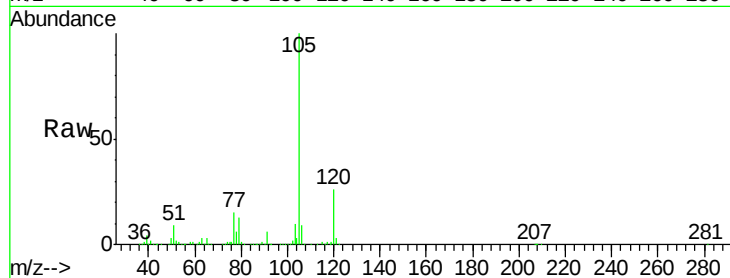
MW-23MSD

Tgt Ion:105 Resp: 587563

Ion Ratio Lower Upper

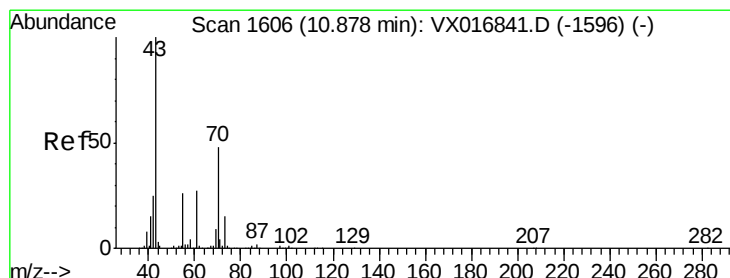
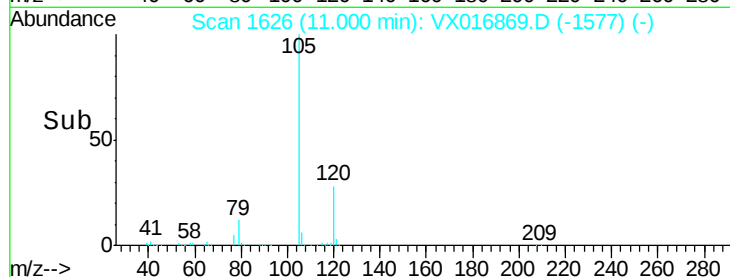
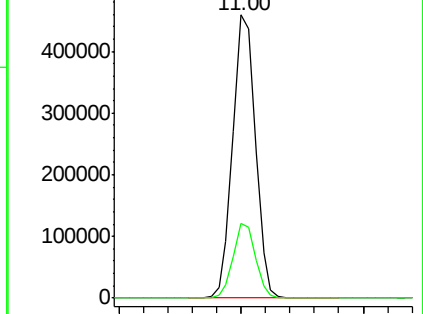
105 100

120 26.1 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 59.176 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Tgt Ion: 43 Resp: 227210

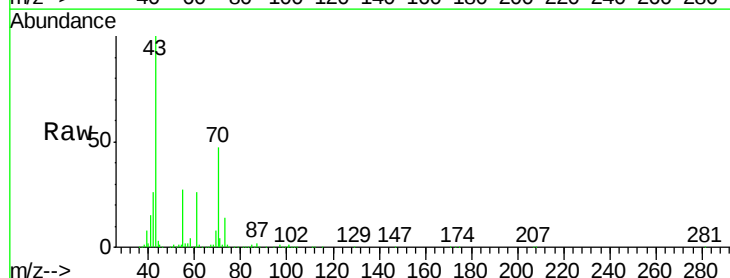
Ion Ratio Lower Upper

43 100

70 49.2 39.9 59.9

55 27.2 21.8 32.6

61 27.4 22.2 33.4

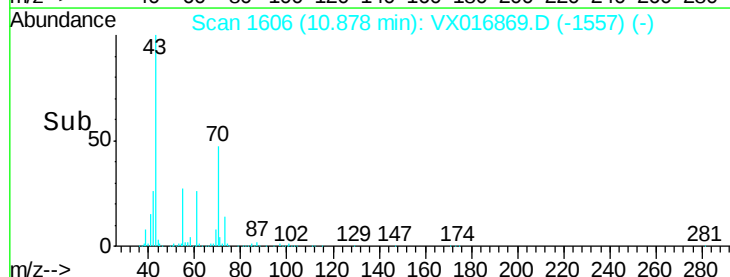
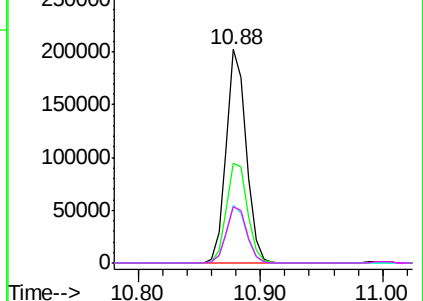


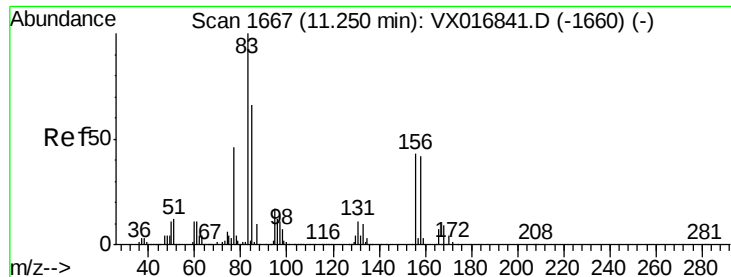
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 54.846 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

MW-23MSD

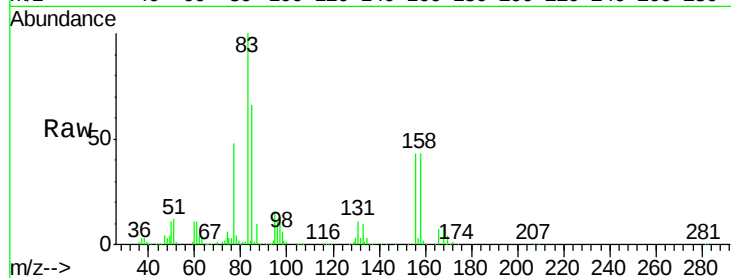
Tgt Ion: 83 Resp: 170289

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.1

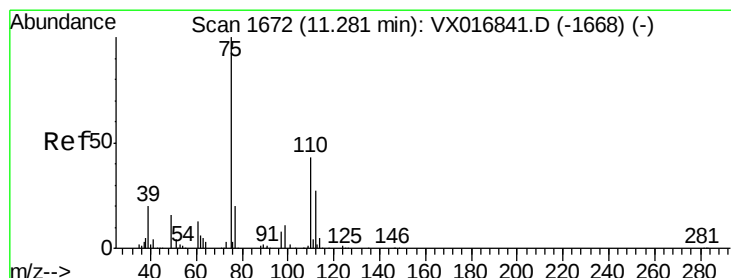
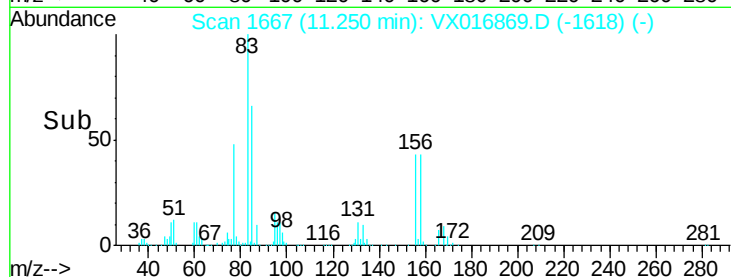
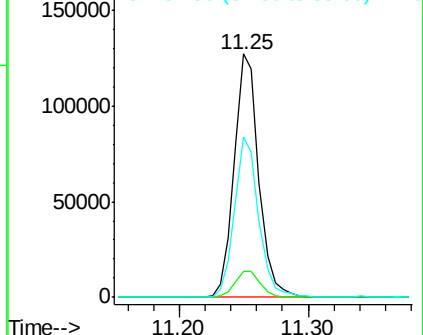
85 64.9 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 70.077 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016869.D

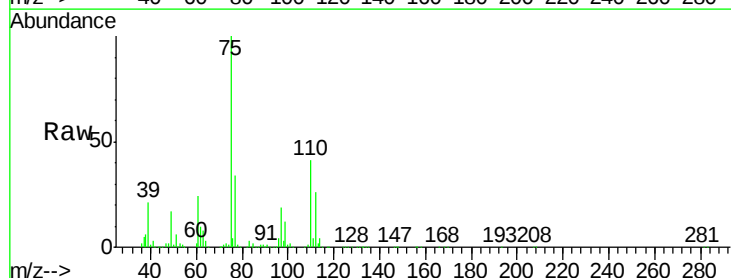
Acq: 19 Jun 2020 03:41

Tgt Ion: 75 Resp: 218569

Ion Ratio Lower Upper

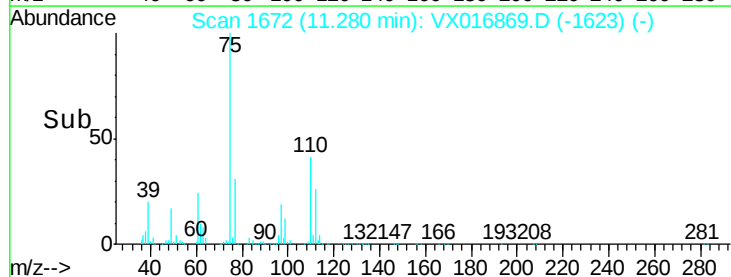
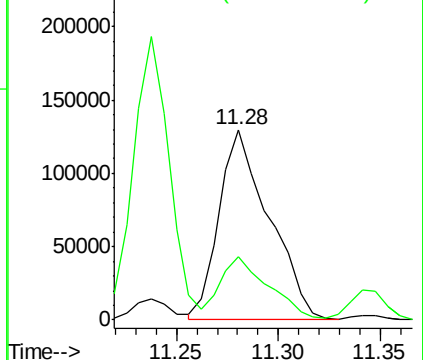
75 100

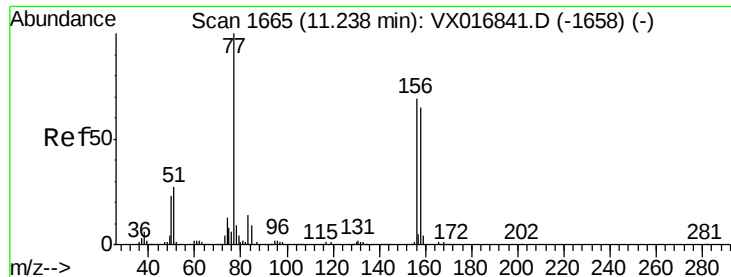
77 32.5 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.777 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

MW-23MSD

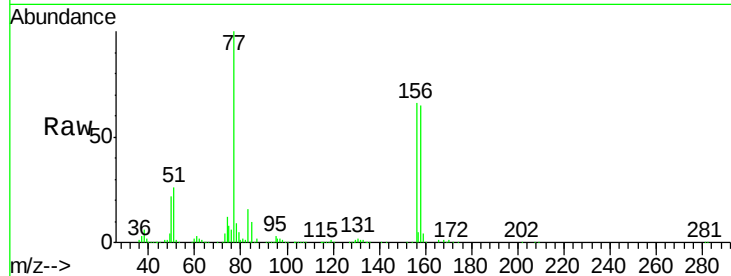
Tgt Ion:156 Resp: 161265

Ion Ratio Lower Upper

156 100

77 147.4 73.4 220.2

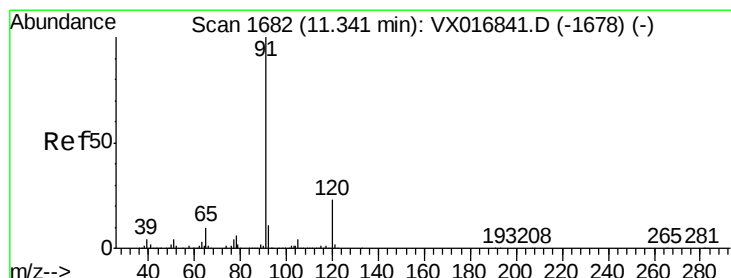
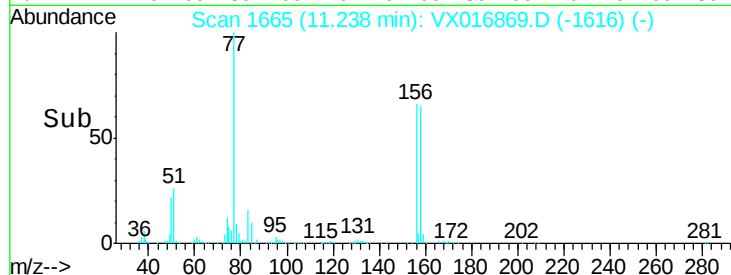
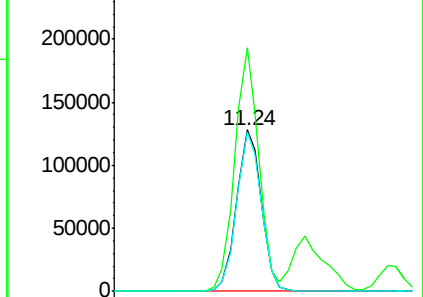
158 98.2 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.092 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016869.D

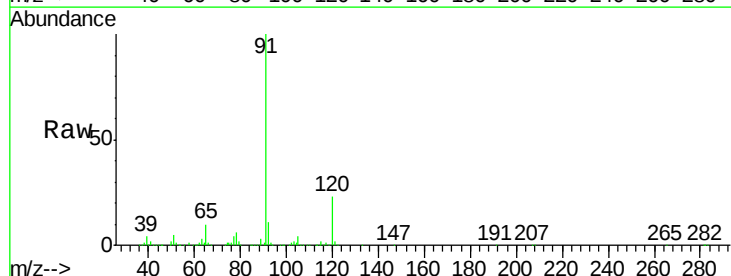
Acq: 19 Jun 2020 03:41

Tgt Ion: 91 Resp: 663788

Ion Ratio Lower Upper

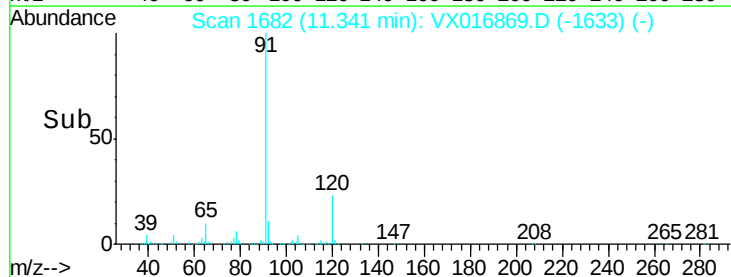
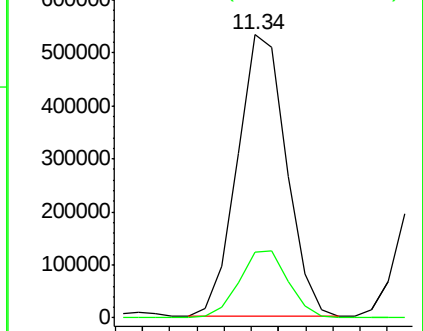
91 100

120 24.1 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: 53.765 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

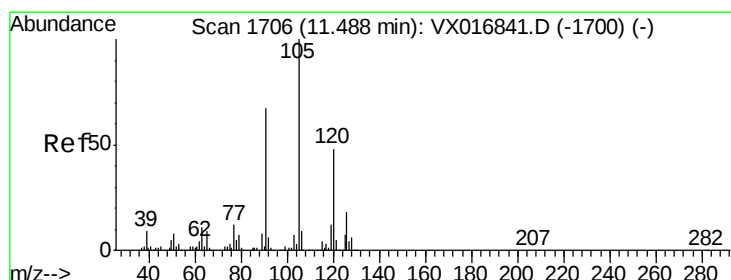
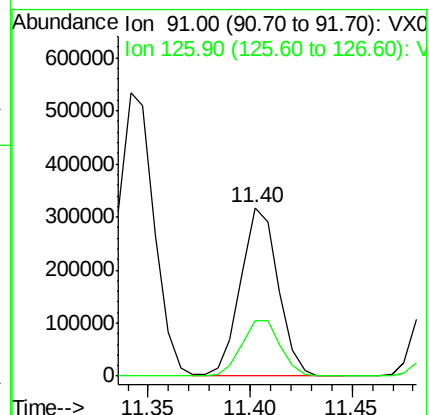
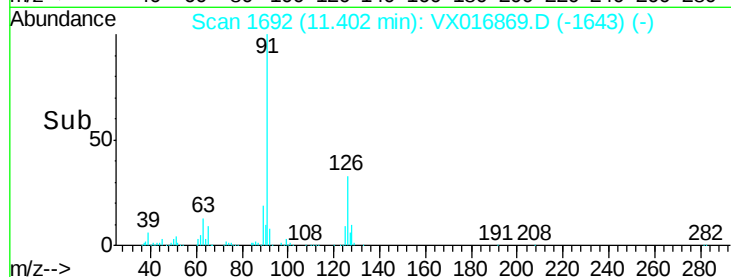
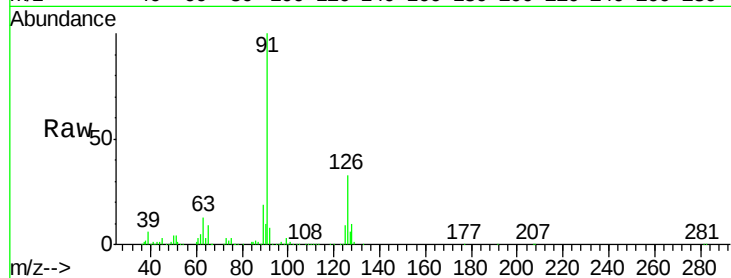
MW-23MSD

Tgt Ion: 91 Resp: 403672

Ion Ratio Lower Upper

91 100

126 34.3 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 53.847 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016869.D

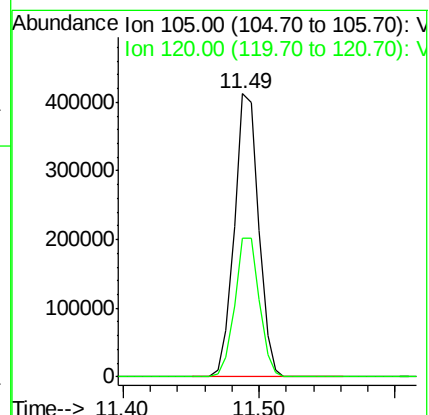
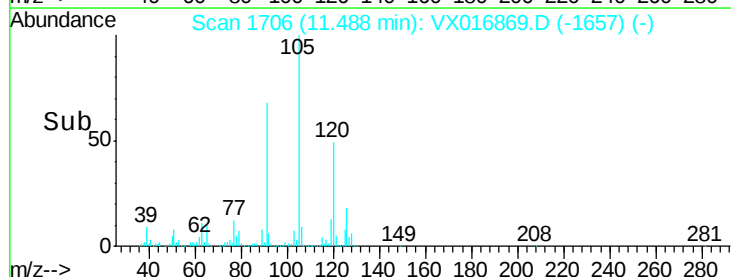
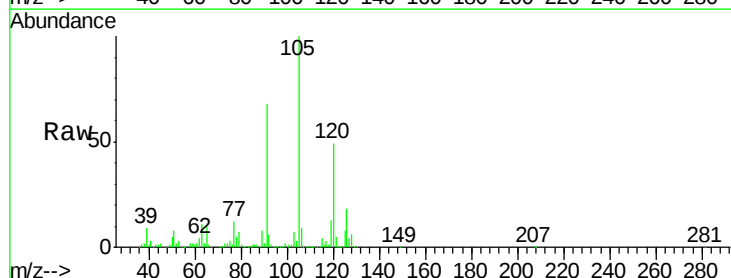
Acq: 19 Jun 2020 03:41

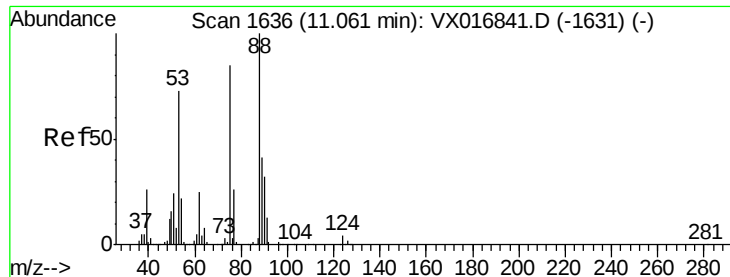
Tgt Ion: 105 Resp: 510854

Ion Ratio Lower Upper

105 100

120 49.8 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 52.475 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

MW-23MSD

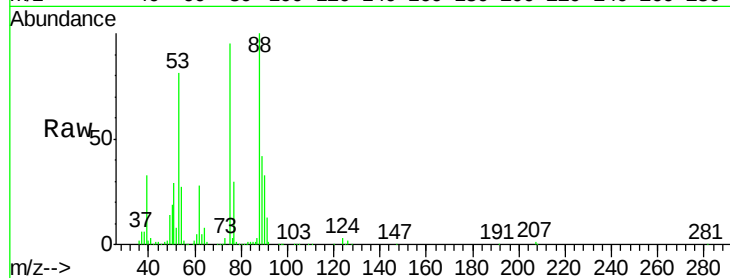
Tgt Ion: 75 Resp: 66835

Ion Ratio Lower Upper

75 100

53 87.5 69.8 104.8

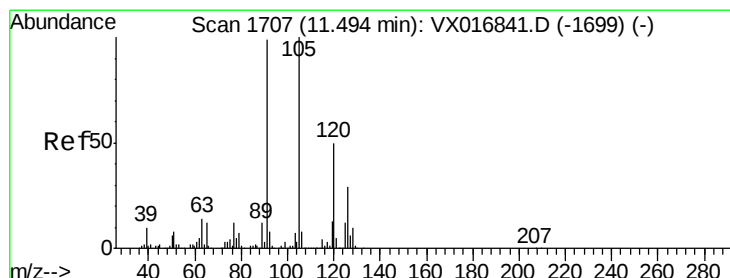
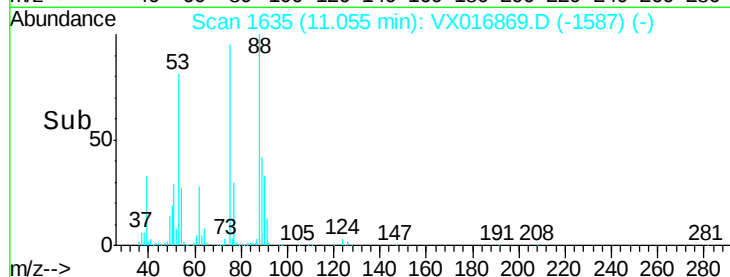
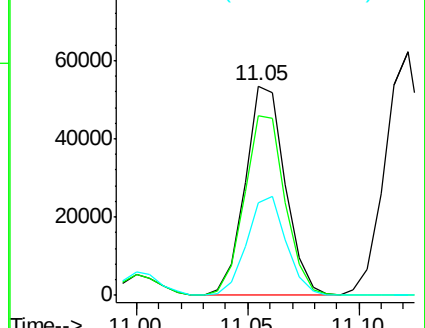
89 46.7 38.3 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.283 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016869.D

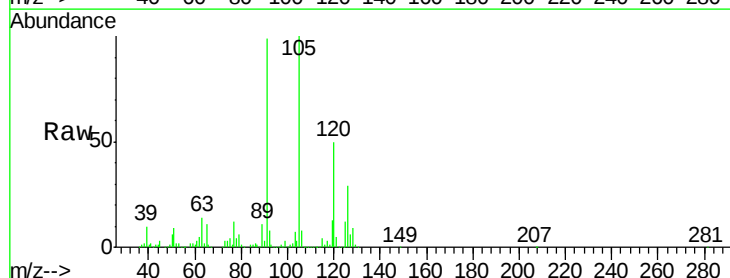
Acq: 19 Jun 2020 03:41

Tgt Ion: 91 Resp: 479947

Ion Ratio Lower Upper

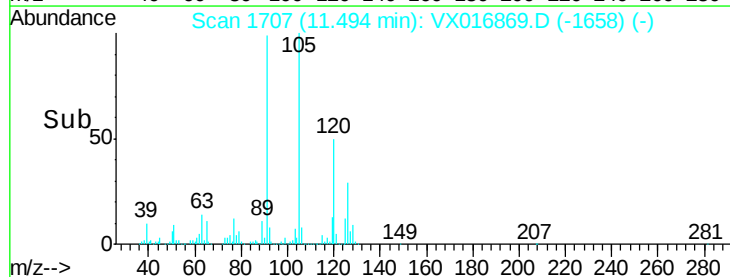
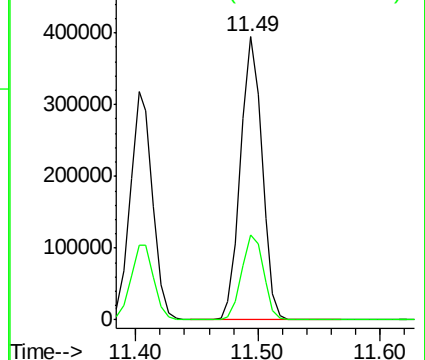
91 100

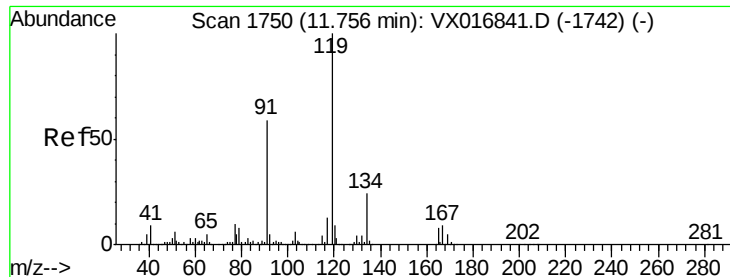
126 30.4 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

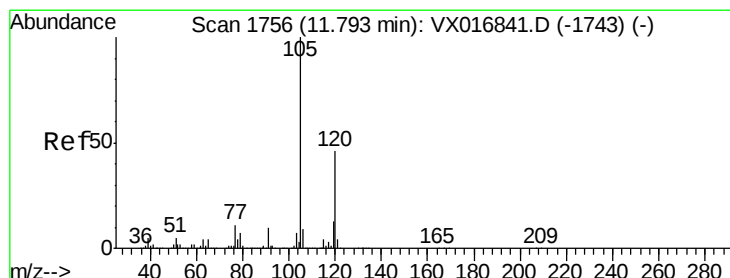
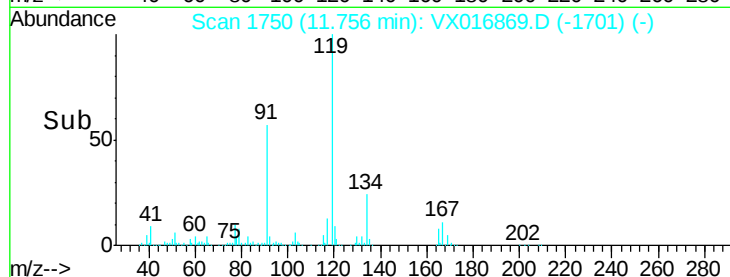
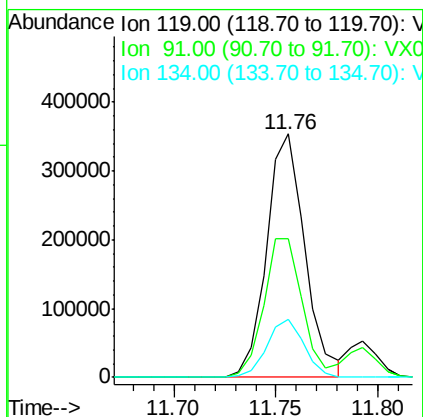
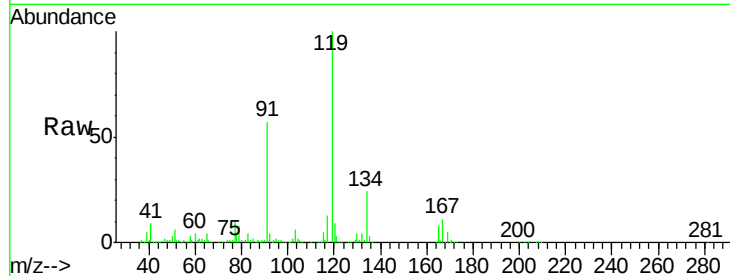




#83
 tert-Butylbenzene
 Concen: 49.077 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016869.D
 Acq: 19 Jun 2020 03:41

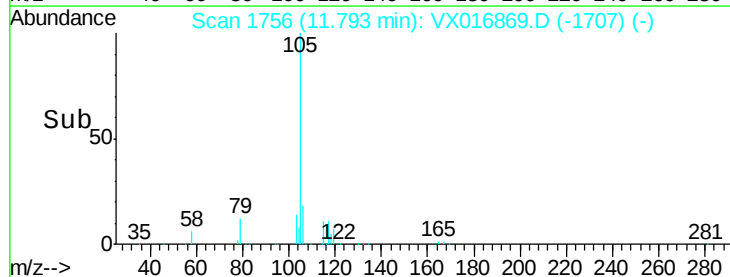
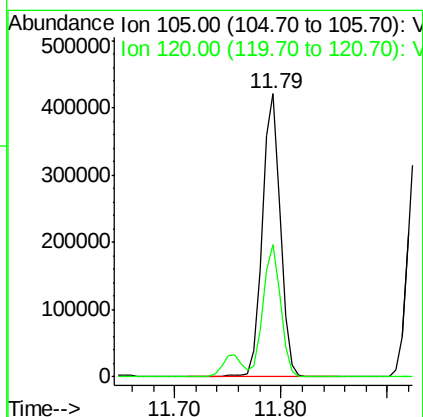
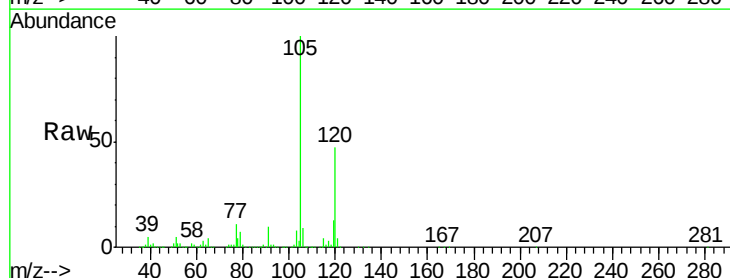
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23MSD

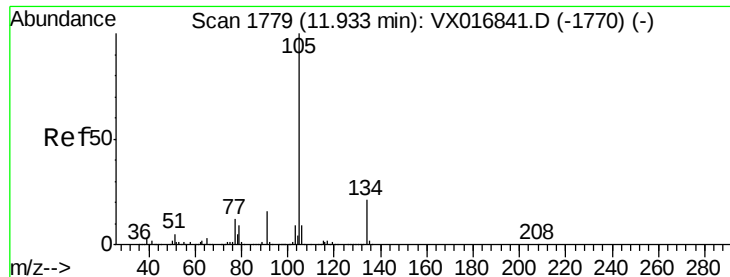
Tgt Ion:119 Resp: 460674
 Ion Ratio Lower Upper
 119 100
 91 57.3 28.5 85.5
 134 23.2 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.054 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016869.D
 Acq: 19 Jun 2020 03:41

Tgt Ion:105 Resp: 498938
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.3 66.9

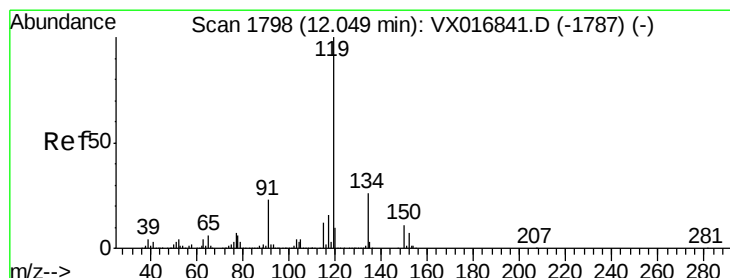
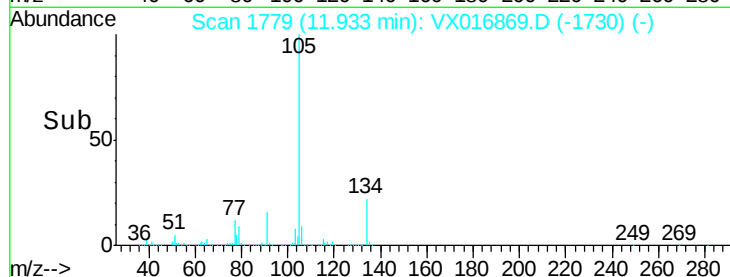
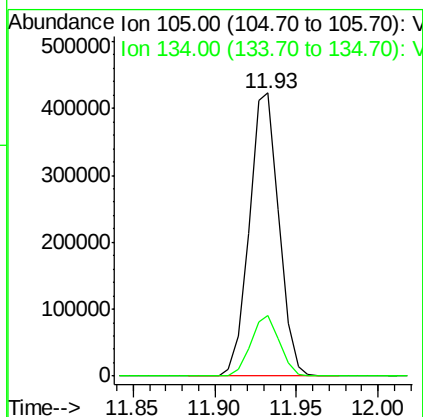
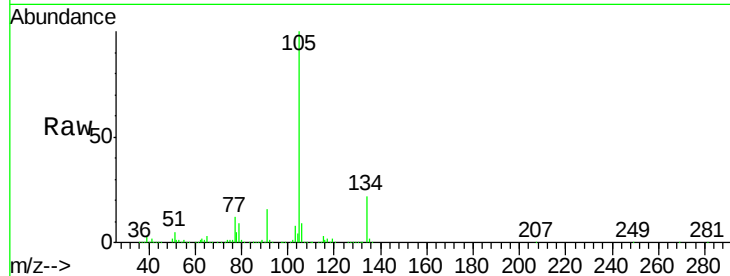




#85
 sec-Butylbenzene
 Concen: 49.071 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016869.D
 Acq: 19 Jun 2020 03:41

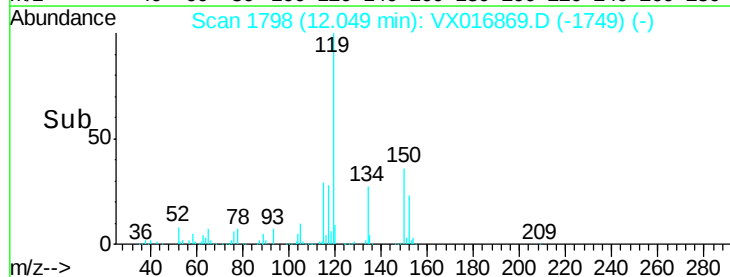
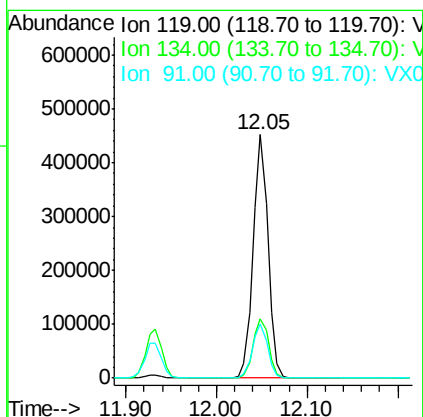
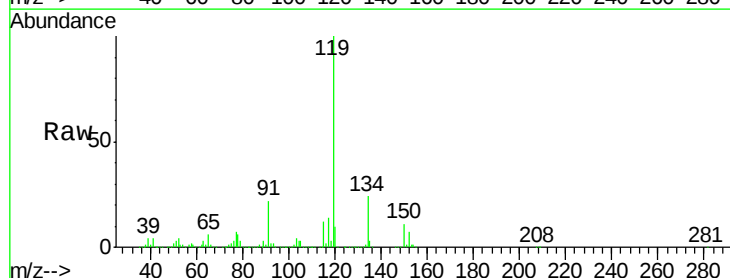
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23MSD

Tgt Ion:105 Resp: 534952
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 51.301 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016869.D
 Acq: 19 Jun 2020 03:41

Tgt Ion:119 Resp: 512418
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.7
 91 23.1 11.6 34.8

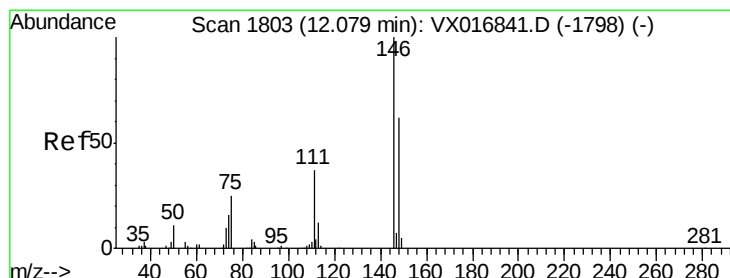
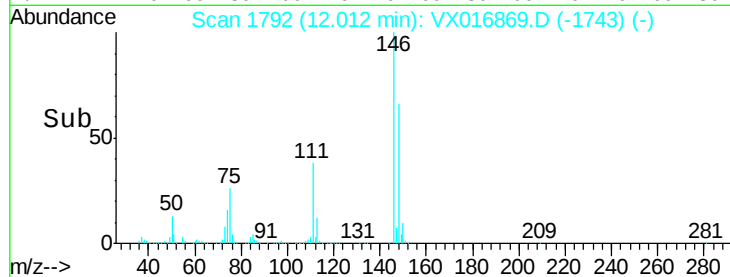
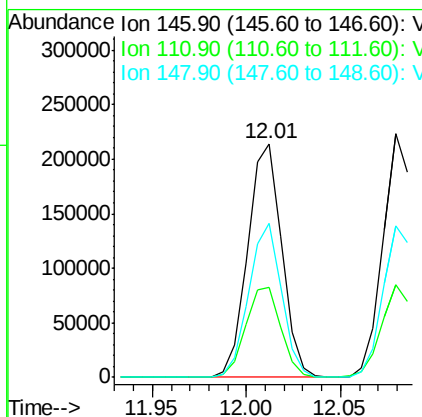
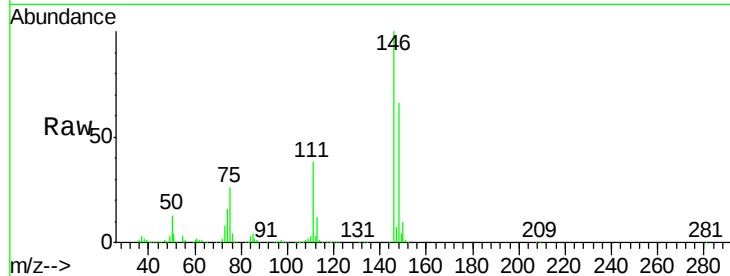




#87
 1,3-Dichlorobenzene
 Concen: 48.982 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016869.D
 Acq: 19 Jun 2020 03:41

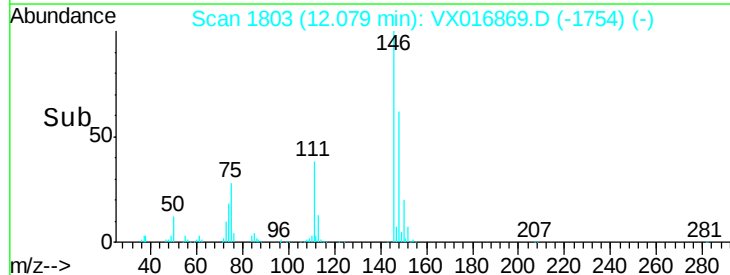
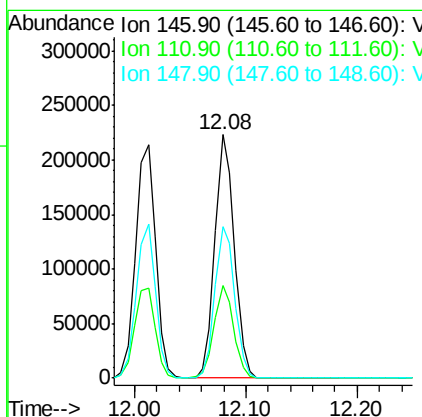
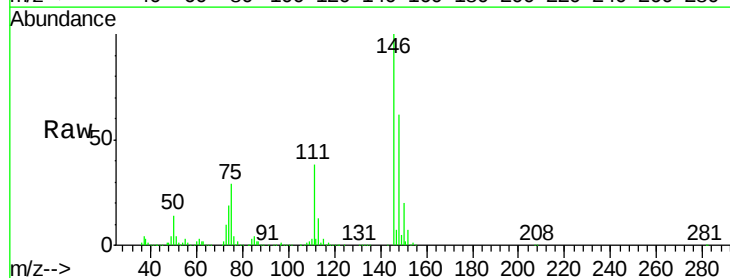
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23MSD

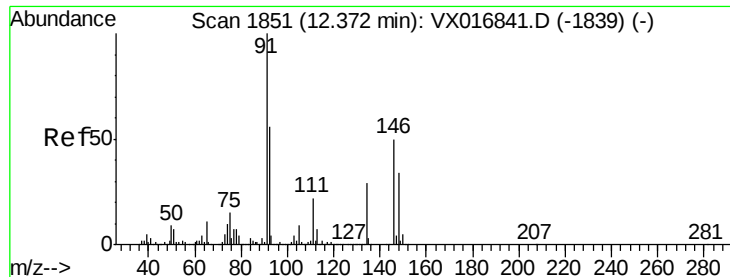
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.4	58.2
148	63.7	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 48.814 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016869.D
 Acq: 19 Jun 2020 03:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.0	57.0
148	63.2	31.6	95.0

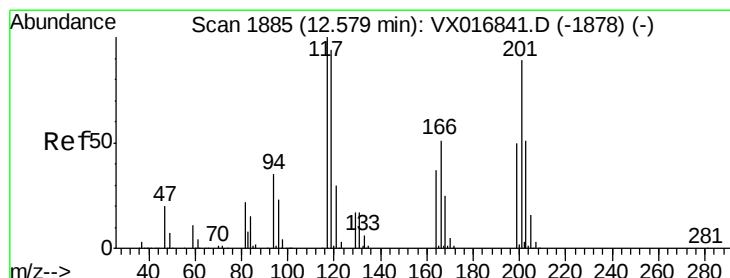
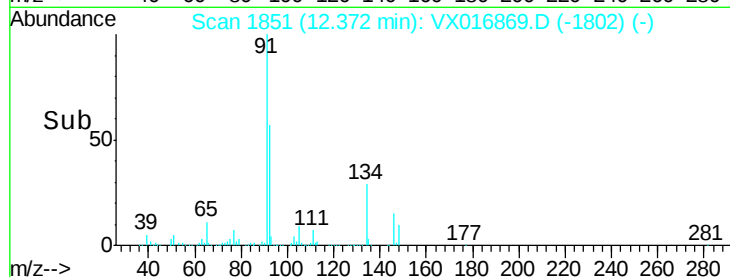
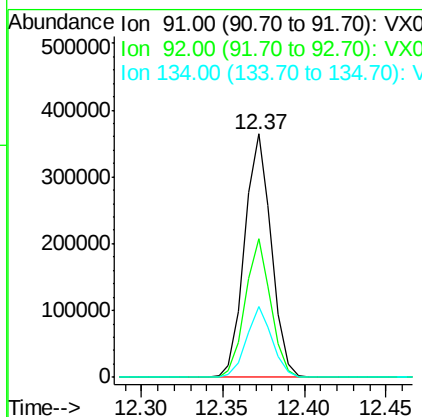
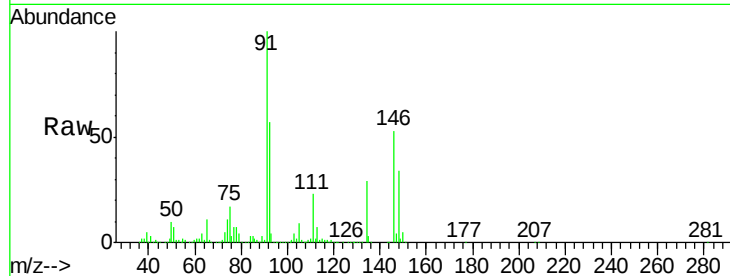




#89
n-Butylbenzene
Concen: 48.428 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

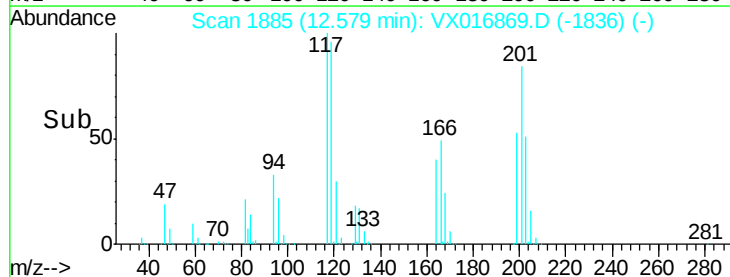
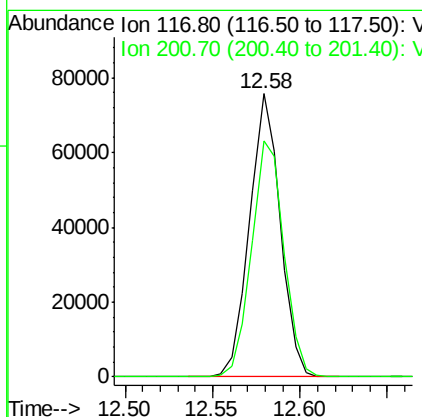
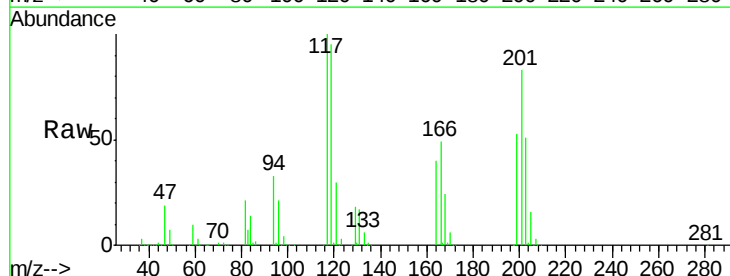
Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

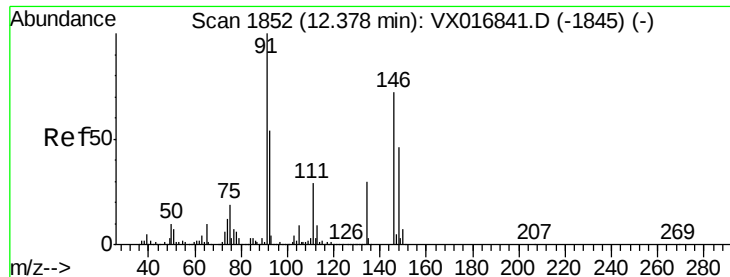
Tgt Ion: 91 Resp: 414804
Ion Ratio Lower Upper
91 100
92 54.7 27.4 82.2
134 27.6 13.9 41.6



#90
Hexachloroethane
Concen: 51.455 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion: 117 Resp: 92581
Ion Ratio Lower Upper
117 100
201 87.7 44.9 134.5





#91

1,2-Dichlorobenzene

Concen: 48.821 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

MW-23MSD

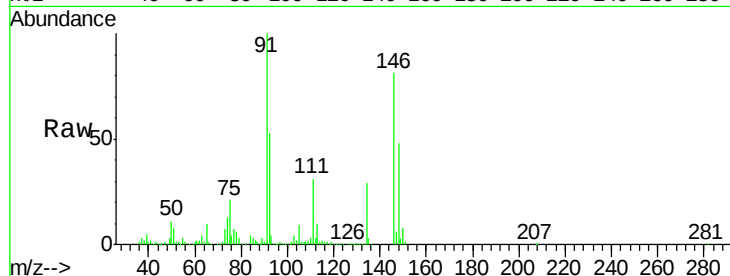
Tgt Ion:146 Resp: 258212

Ion Ratio Lower Upper

146 100

111 41.1 20.9 62.7

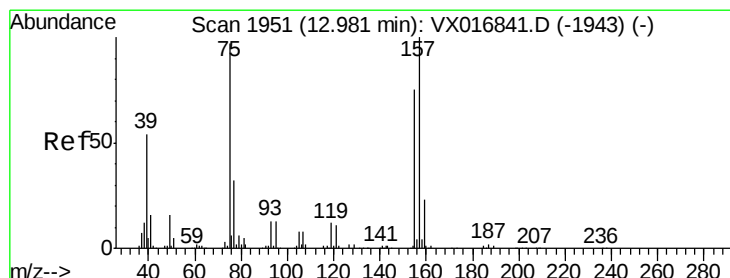
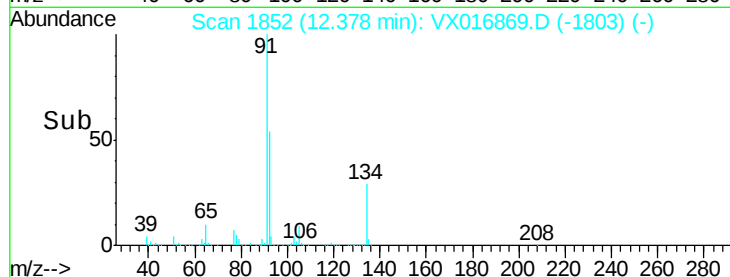
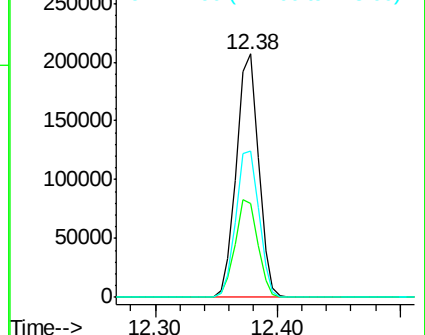
148 62.8 32.9 98.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.093 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

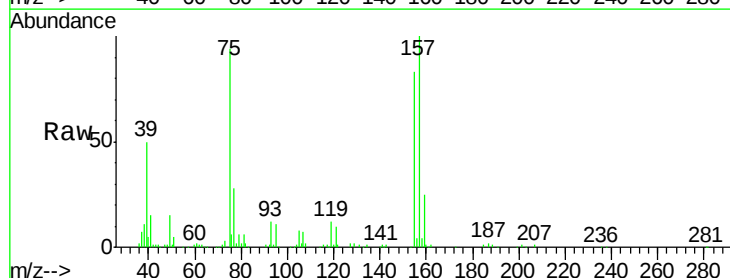
Tgt Ion: 75 Resp: 41295

Ion Ratio Lower Upper

75 100

155 96.5 46.4 139.1

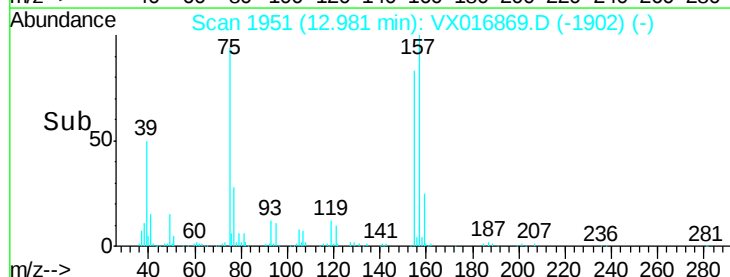
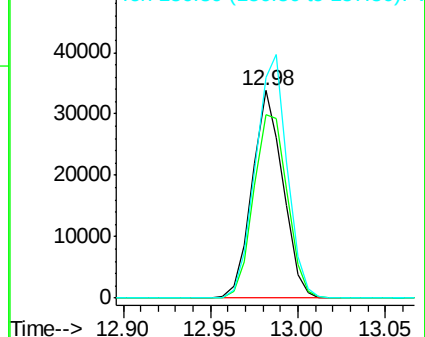
157 120.5 58.6 175.8

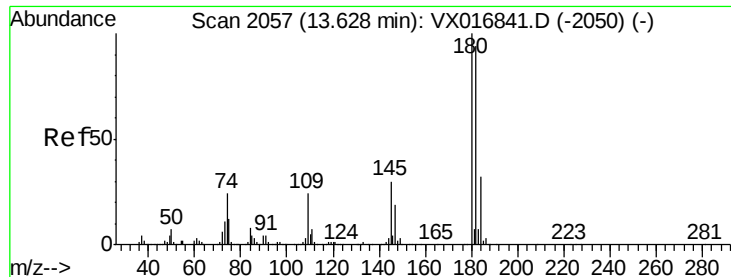


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 54.491 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

MW-23MSD

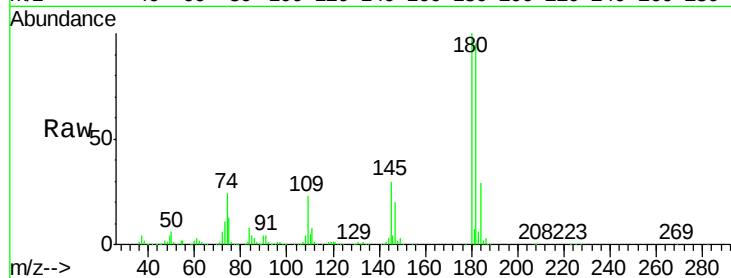
Tgt Ion:180 Resp: 193529

Ion Ratio Lower Upper

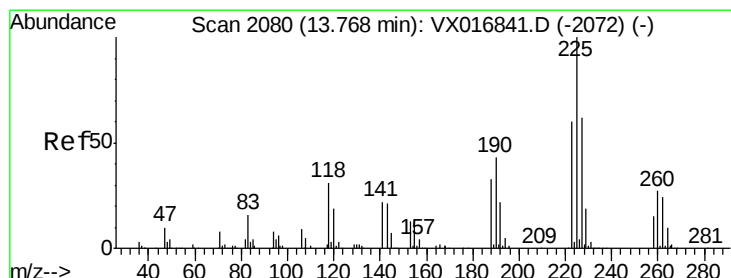
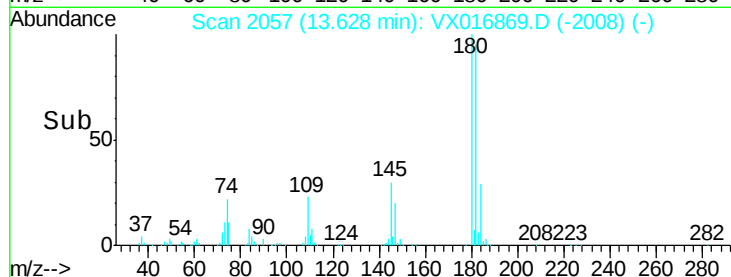
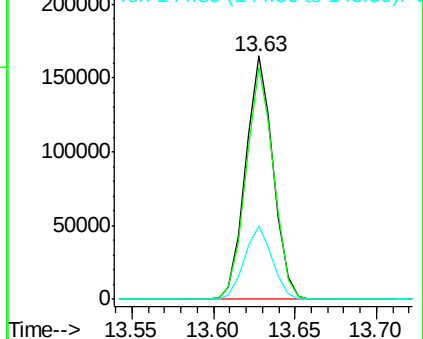
180 100

182 95.6 47.7 143.1

145 30.6 15.0 45.1



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



#94

Hexachlorobutadiene

Concen: 49.177 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

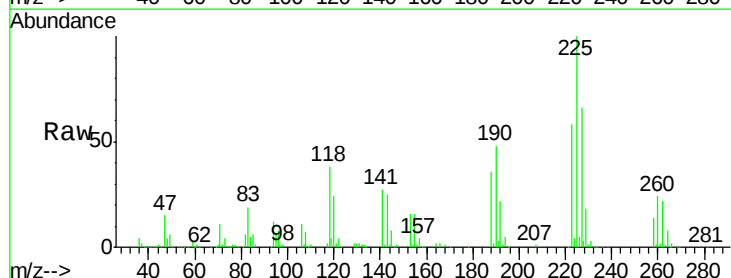
Tgt Ion:225 Resp: 78813

Ion Ratio Lower Upper

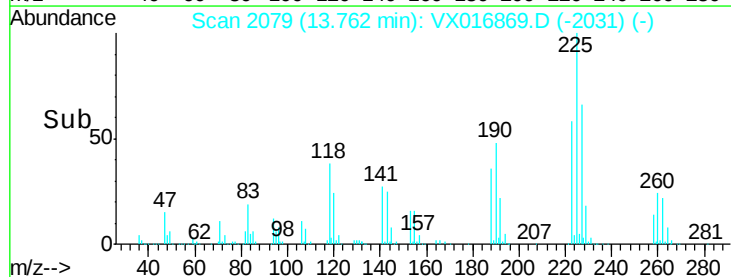
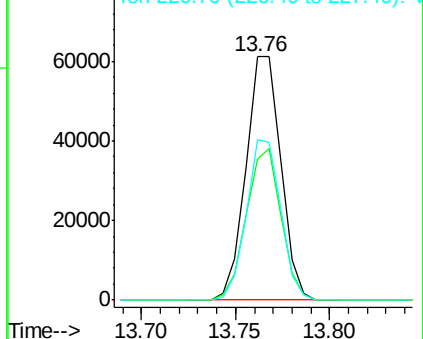
225 100

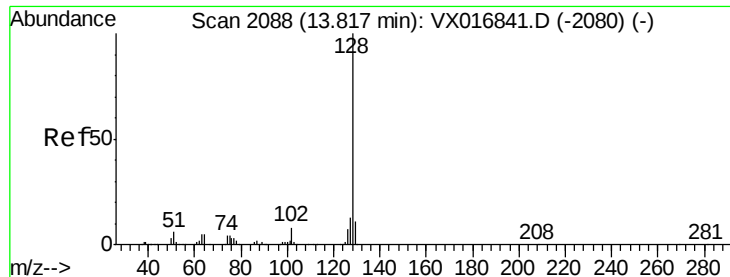
223 61.9 32.1 96.5

227 64.6 32.3 96.8



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

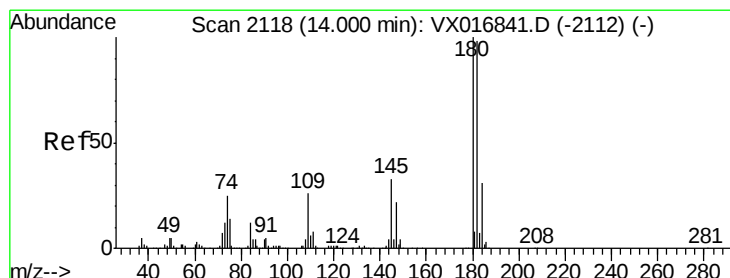
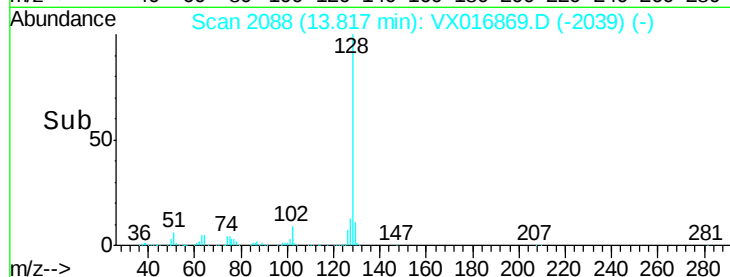
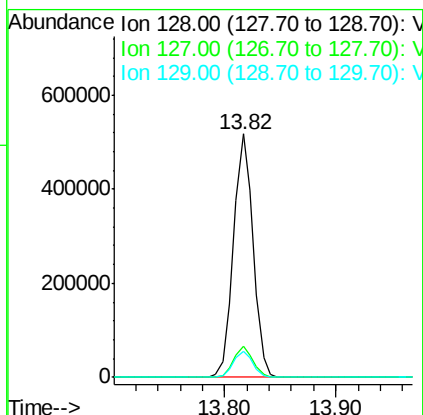
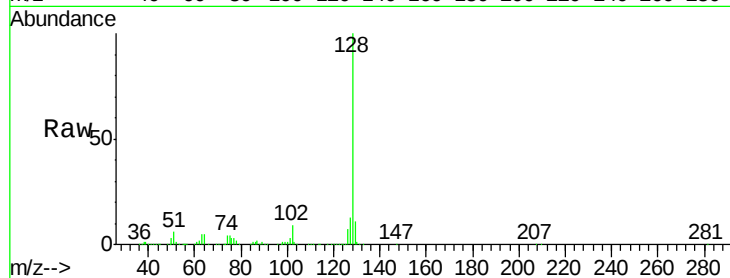




#95
Naphthalene
Concen: 60.182 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

Tgt Ion:128 Resp: 627513
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 56.330 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion:180 Resp: 199512
Ion Ratio Lower Upper
180 100
182 95.7 47.4 142.3
145 32.0 16.0 48.0

