

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041919\
 Data File : VX009079.D
 Acq On : 19 Apr 2019 18:38
 Operator : JC/SP
 Sample : K2487-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MSD

Quant Time: Apr 20 00:41:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	181665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	309141	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	268967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122893	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	143753	56.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.30%	
35) Dibromofluoromethane	5.50	113	106336	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
50) Toluene-d8	8.71	98	408590	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
62) 4-Bromofluorobenzene	11.14	95	142259	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	108960	52.073	ug/l	98
3) Chloromethane	1.32	50	125523	48.864	ug/l	97
4) Vinyl Chloride	1.41	62	127252	50.896	ug/l	100
5) Bromomethane	1.64	94	68857	44.443	ug/l	98
6) Chloroethane	1.71	64	78959	53.705	ug/l	96
7) Trichlorofluoromethane	1.92	101	150232	51.464	ug/l	96
8) Diethyl Ether	2.19	74	71427	53.503	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	92815	49.729	ug/l	99
10) Methyl Iodide	2.51	142	80654	40.448	ug/l	99
11) Tert butyl alcohol	3.06	59	167579	294.883	ug/l	98
12) 1,1-Dichloroethene	2.37	96	96053	49.305	ug/l	96
13) Acrolein	2.29	56	131848	268.516	ug/l	99
14) Allyl chloride	2.73	41	233171	54.860	ug/l	99
15) Acrylonitrile	3.15	53	424248	294.087	ug/l	100
16) Acetone	2.45	43	366811	276.286	ug/l	99
17) Carbon Disulfide	2.56	76	265492	46.467	ug/l	99
18) Methyl Acetate	2.78	43	180471	54.465	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	386077	55.619	ug/l	99
20) Methylene Chloride	2.85	84	115683	50.952	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	104365	50.226	ug/l	94
22) Diisopropyl ether	3.86	45	461176	55.839	ug/l	89
23) Vinyl Acetate	3.82	43	1864525	256.822	ug/l	99
24) 1,1-Dichloroethane	3.70	63	225914	54.491	ug/l	100
25) 2-Butanone	4.68	43	627061	295.483	ug/l	99
26) 2,2-Dichloropropane	4.59	77	128807	41.448	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	124697	52.855	ug/l	99
28) Bromochloromethane	5.02	49	99358	58.007	ug/l	99
29) Tetrahydrofuran	5.13	42	419490	295.332	ug/l	98
30) Chloroform	5.21	83	203580	54.874	ug/l	99
31) Cyclohexane	5.58	56	211361	51.833	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	164998	53.661	ug/l	99
36) 1,1-Dichloropropene	5.80	75	151780	47.473	ug/l	100
37) Ethyl Acetate	4.84	43	213854	51.981	ug/l	99
38) Carbon Tetrachloride	5.79	117	137441	50.707	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	181828	46.710	ug/l	97
40) Benzene	6.14	78	479760	50.866	ug/l	100
41) Methacrylonitrile	5.05	41	133662	56.608	ug/l	99
42) 1,2-Dichloroethane	6.20	62	173333	51.878	ug/l	99
43) Isopropyl Acetate	6.45	43	343182	51.763	ug/l	99
44) Trichloroethene	7.21	130	110190	47.681	ug/l	99
45) 1,2-Dichloropropane	7.51	63	139639	53.365	ug/l	99
46) Dibromomethane	7.66	93	78011	51.228	ug/l	99
47) Bromodichloromethane	7.90	83	157214	52.636	ug/l	99
48) Methyl methacrylate	7.77	41	180502	55.101	ug/l	99
49) 1,4-Dioxane	7.74	88	61399	1001.390	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1193696	282.619	ug/l	99
52) Toluene	8.79	92	277791	49.143	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	174266	50.697	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	194906	50.639	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	116618	52.054	ug/l	98
56) Ethyl methacrylate	9.18	69	214123	53.303	ug/l	99
57) 1,3-Dichloropropane	9.37	76	208721	52.325	ug/l	100
59) 2-Hexanone	9.49	43	923031	283.454	ug/l	99
60) Dibromochloromethane	9.59	129	114935	53.529	ug/l	99
61) 1,2-Dibromoethane	9.67	107	120365	52.056	ug/l	100
64) Tetrachloroethene	9.34	164	94465	46.232	ug/l	97
65) Chlorobenzene	10.14	112	281131	49.519	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	105941	52.971	ug/l	99
67) Ethyl Benzene	10.25	91	525364	50.622	ug/l	99
68) m/p-Xylenes	10.36	106	378778	100.428	ug/l	99
69) o-Xylene	10.70	106	186712	50.877	ug/l	99
70) Stvrene	10.71	104	319104	50.177	ug/l	99
71) Bromoform	10.86	173	84068	52.762	ug/l #	97
73) Isopropylbenzene	11.02	105	492792	52.902	ug/l	100
74) N-amyl acetate	10.90	43	279063	52.175	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	191691	56.321	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	222199	74.046	ug/l	79
77) Bromobenzene	11.26	156	119028	50.644	ug/l	97
78) n-propylbenzene	11.36	91	562108	52.574	ug/l	100
79) 2-Chlorotoluene	11.42	91	333525	51.767	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	413541	52.904	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	60131	51.444	ug/l	96
82) 4-Chlorotoluene	11.51	91	381846	51.031	ug/l	100
83) tert-Butylbenzene	11.77	119	408653	54.452	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	418476	52.593	ug/l	100
85) sec-Butylbenzene	11.94	105	467614	52.243	ug/l	100
86) p-Isopropyltoluene	12.07	119	424845	51.626	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	204539	49.723	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	203233	48.738	ug/l	100
89) n-Butylbenzene	12.39	91	377583	49.267	ug/l	100
90) Hexachloroethane	12.60	117	72200	53.188	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	210151	51.736	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45247	58.388	ug/l	100
93) 1,2,4-Trichlorobenzene	13.65	180	139760	47.664	ug/l	98

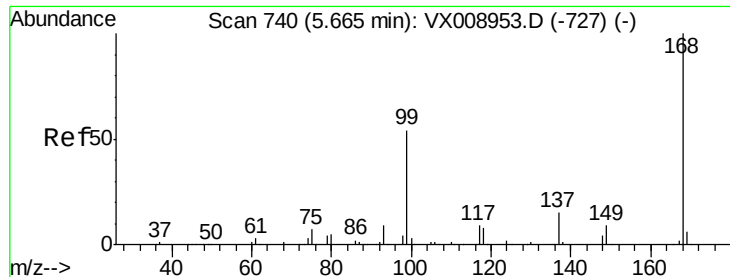
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	67801	46.362	ug/l	99
95) Naphthalene	13.83	128	488948	52.048	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	143973	49.764	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

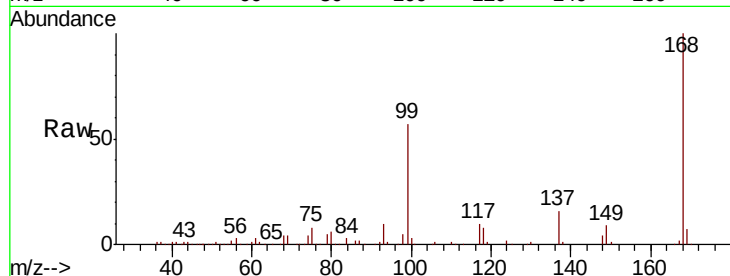
GMW-7MSD

Tot Ion:168 Resp: 181665

Ion Ratio Lower Upper

168 100

99 56.5 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

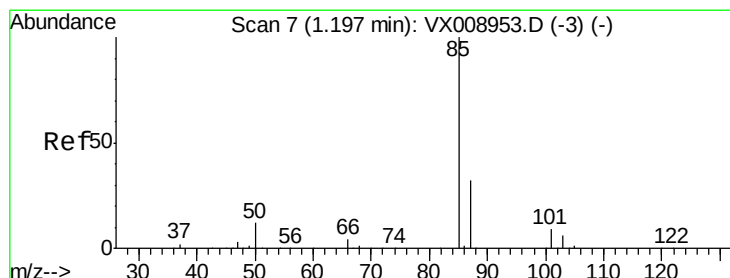
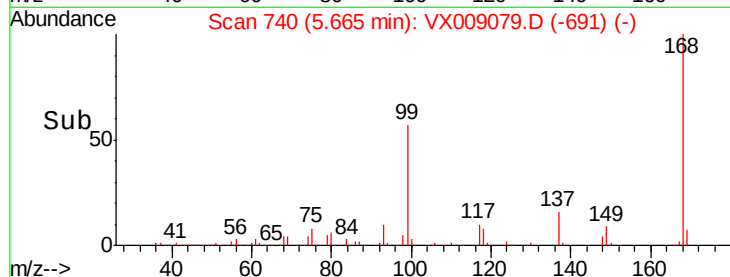
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 52.073 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009079.D

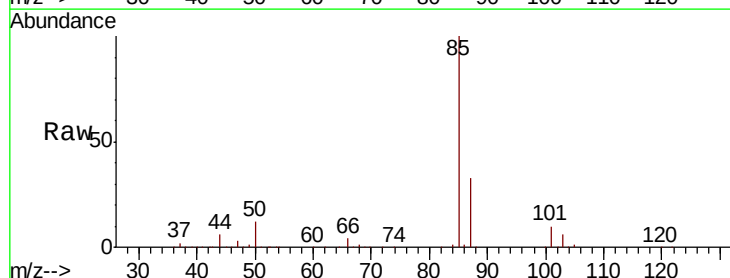
Acq: 19 Apr 2019 18:38

Tgt Ion: 85 Resp: 108960

Ion Ratio Lower Upper

85 100

87 33.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

60000

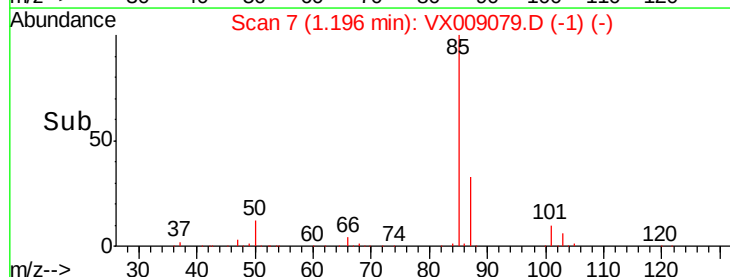
40000

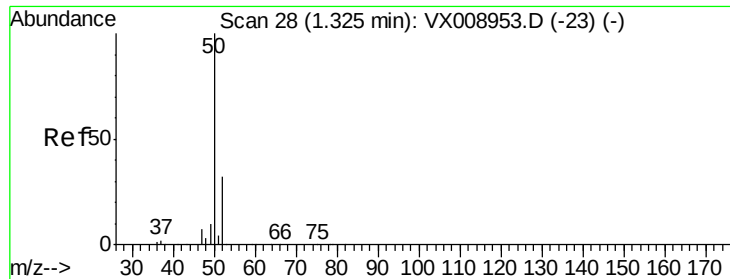
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 48.864 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

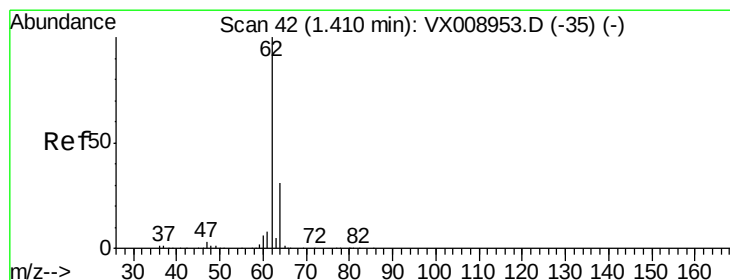
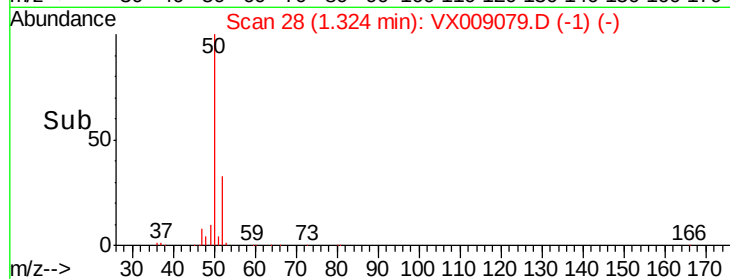
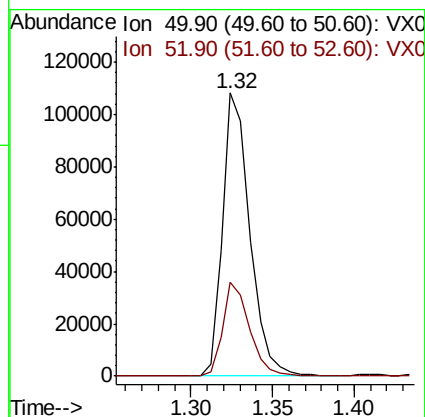
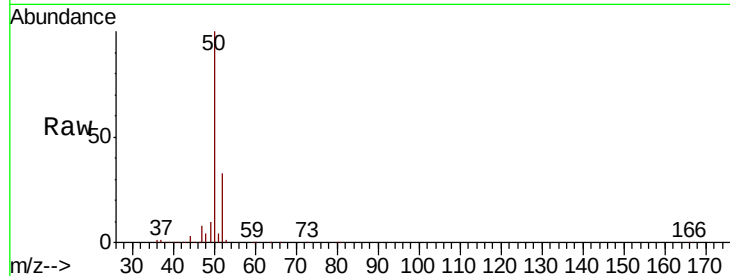
GMW-7MSD

Tot Ion: 50 Resp: 125523

Ion Ratio Lower Upper

50 100

52 33.3 25.5 38.3



#4

Vinyl Chloride

Concen: 50.896 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009079.D

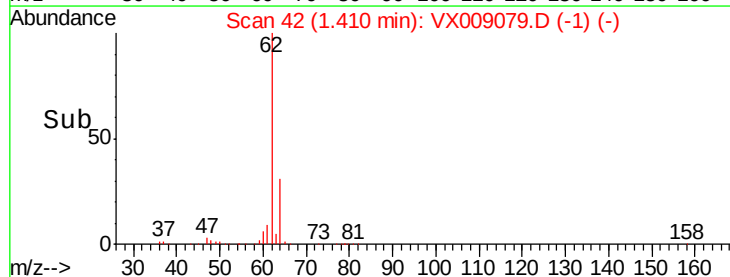
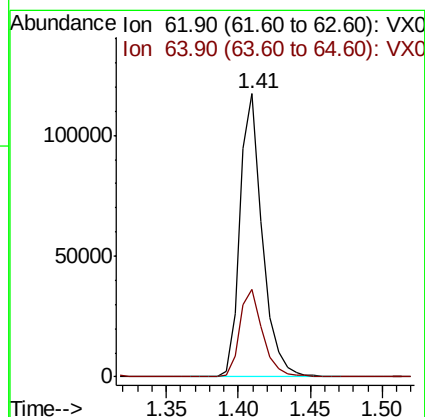
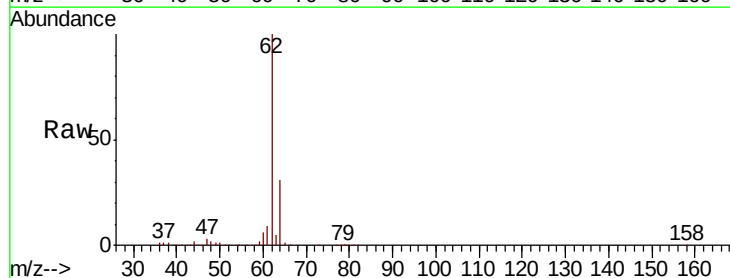
Acq: 19 Apr 2019 18:38

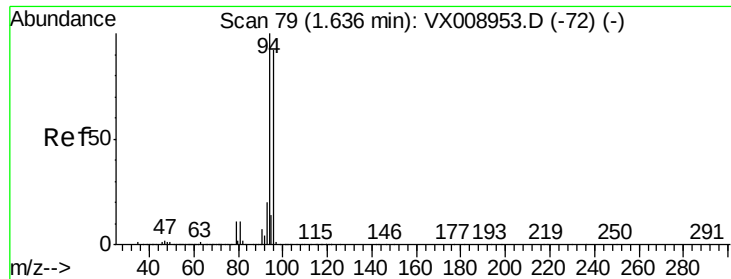
Tgt Ion: 62 Resp: 127252

Ion Ratio Lower Upper

62 100

64 31.0 25.0 37.4





#5

Bromomethane

Concen: 44.443 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

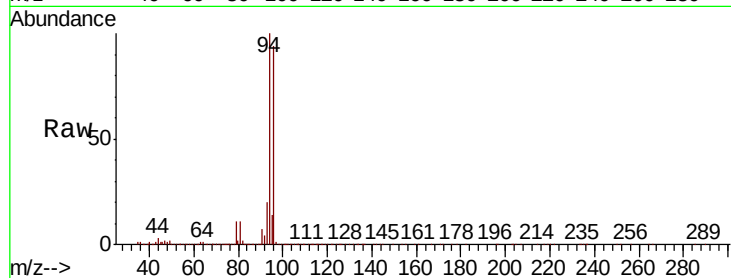
GMW-7MSD

Tot Ion: 94 Resp: 68857

Ion Ratio Lower Upper

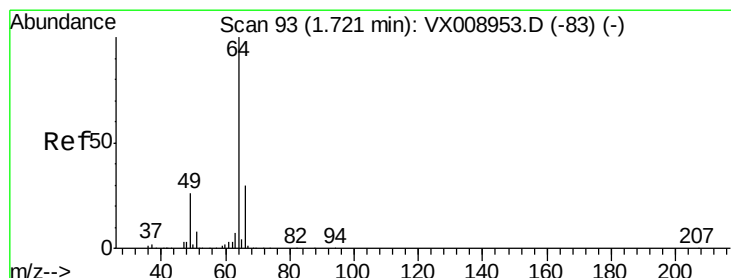
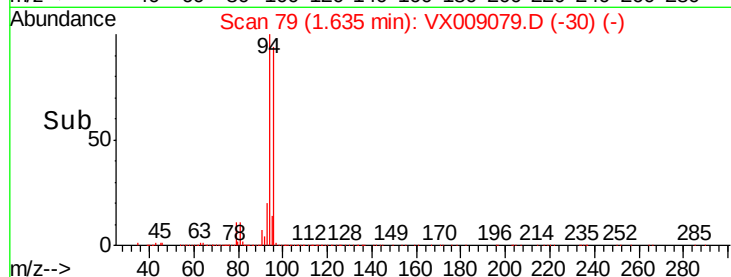
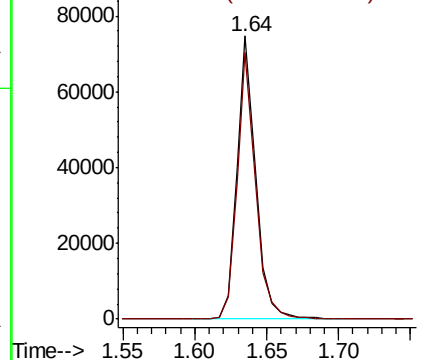
94 100

96 94.2 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.705 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX009079.D

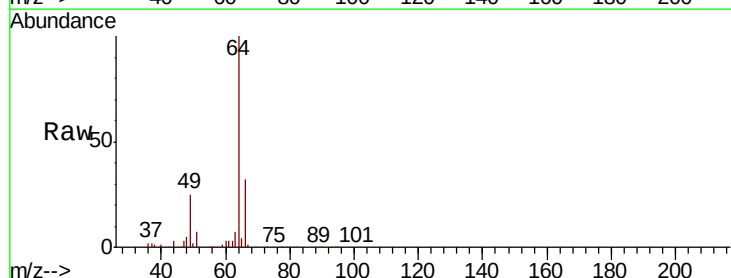
Acq: 19 Apr 2019 18:38

Tgt Ion: 64 Resp: 78959

Ion Ratio Lower Upper

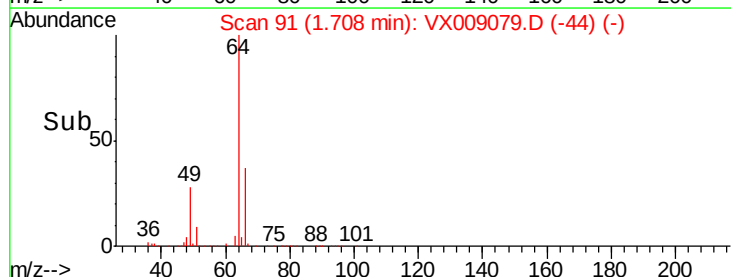
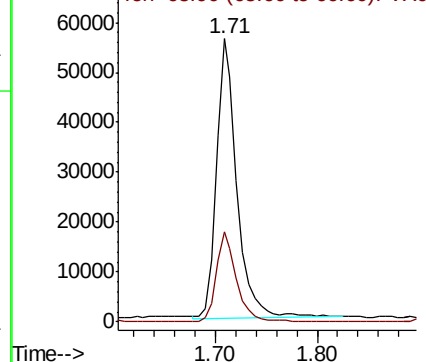
64 100

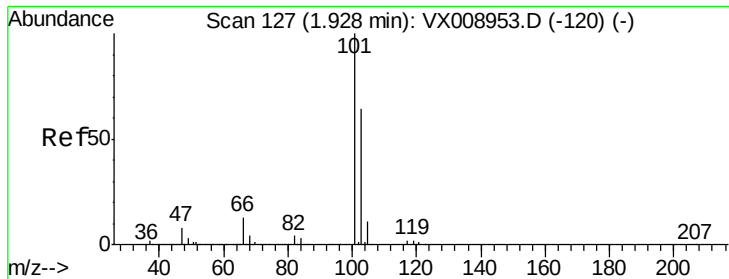
66 32.1 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



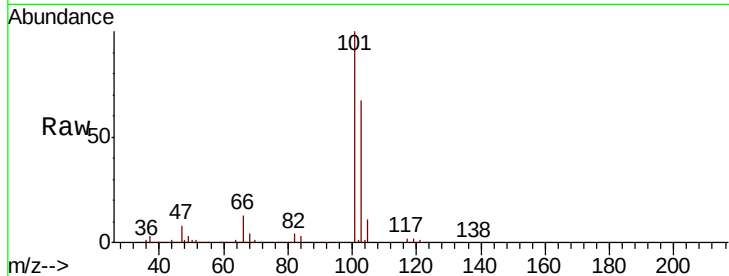


#7

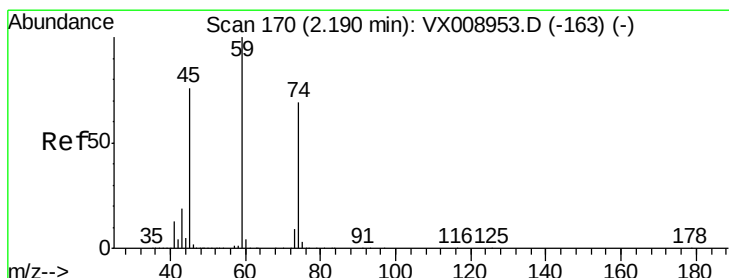
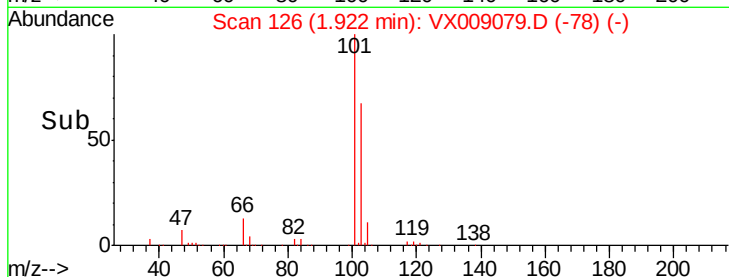
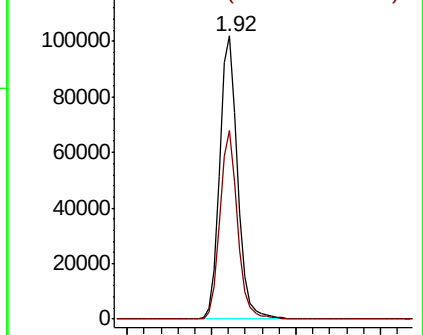
Trichlorofluoromethane
 Concen: 51.464 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Instrument :
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Tot Ion:101 Resp: 150232
 Ion Ratio Lower Upper
 101 100
 103 66.8 51.0 76.6



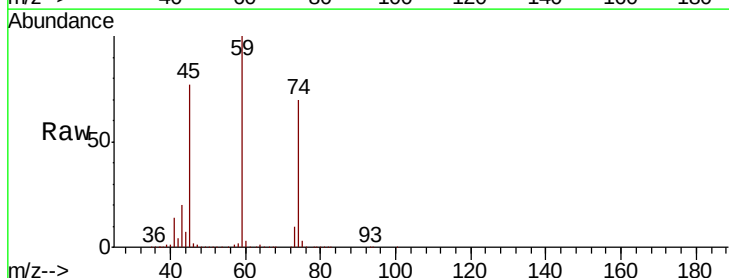
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



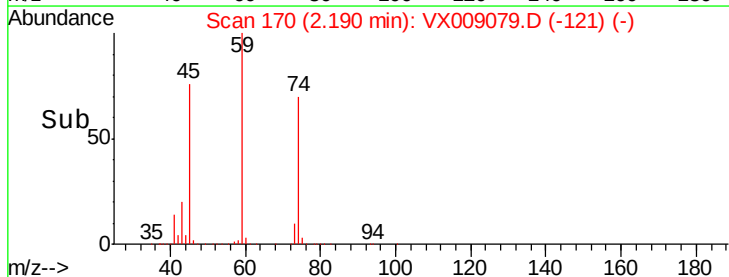
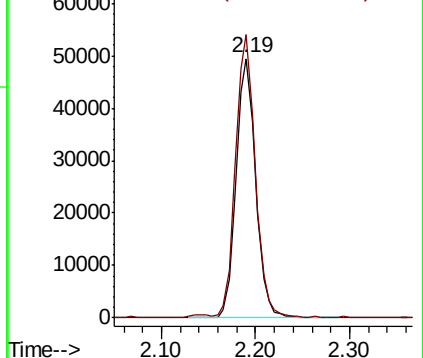
#8

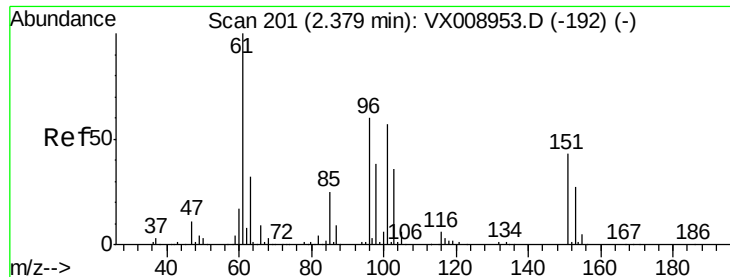
Diethyl Ether
 Concen: 53.503 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Tgt Ion: 74 Resp: 71427
 Ion Ratio Lower Upper
 74 100
 45 108.9 54.9 164.8



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.729 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MSD

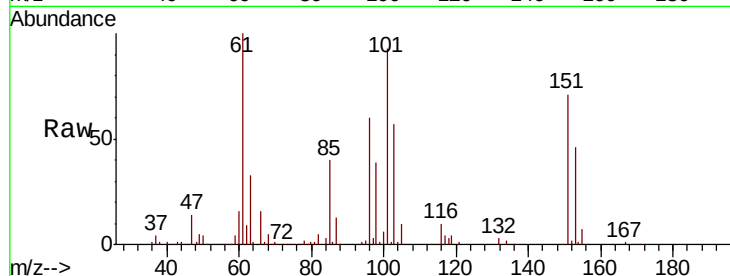
Tot Ion:101 Resp: 92815

Ion Ratio Lower Upper

101 100

85 44.9 35.7 53.5

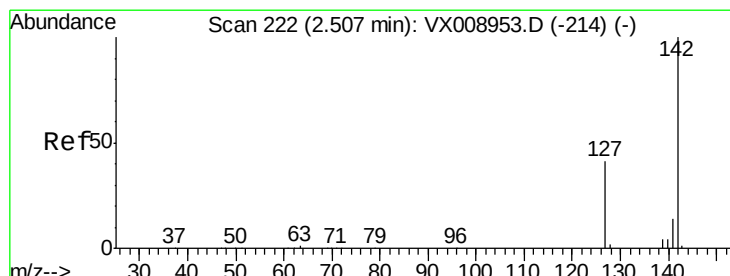
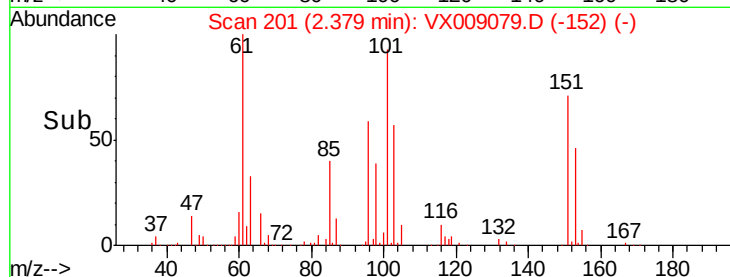
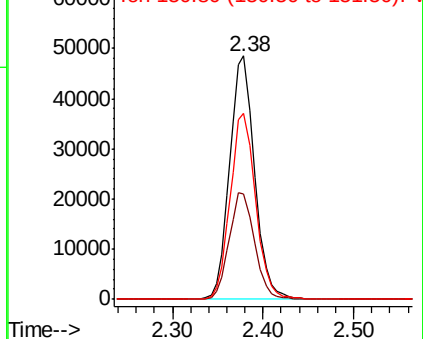
151 77.9 62.7 94.1



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: 40.448 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

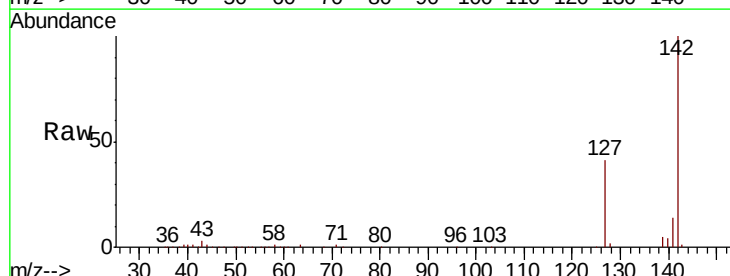
Tgt Ion:142 Resp: 80654

Ion Ratio Lower Upper

142 100

127 40.5 32.8 49.2

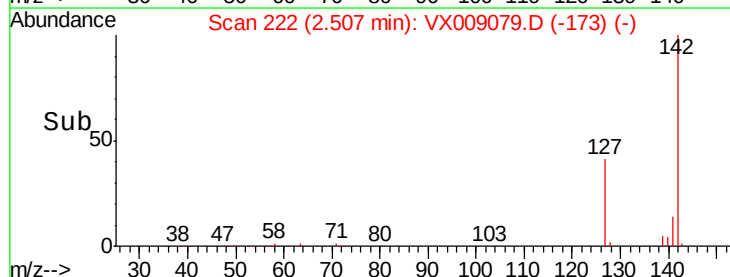
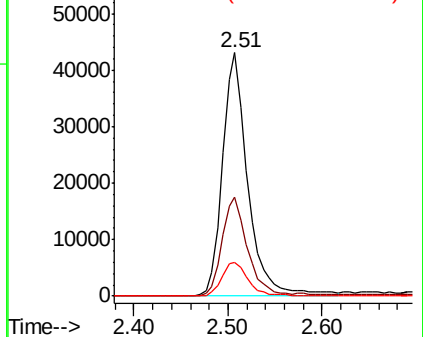
141 14.7 11.4 17.2

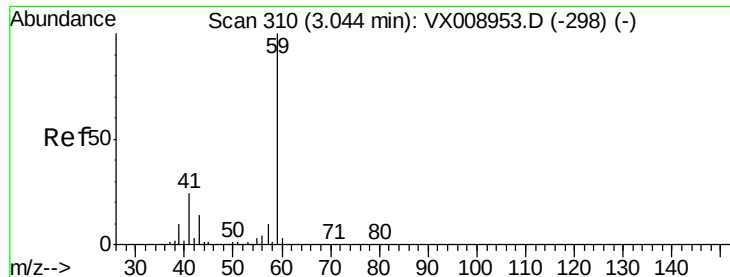


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



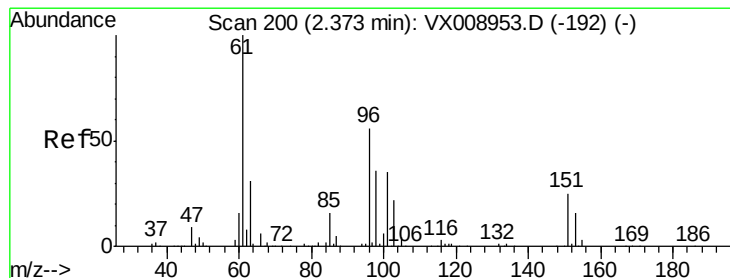
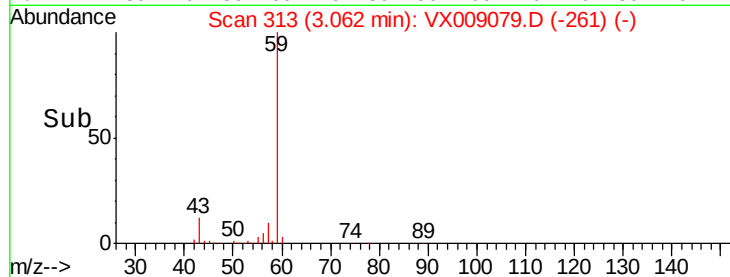
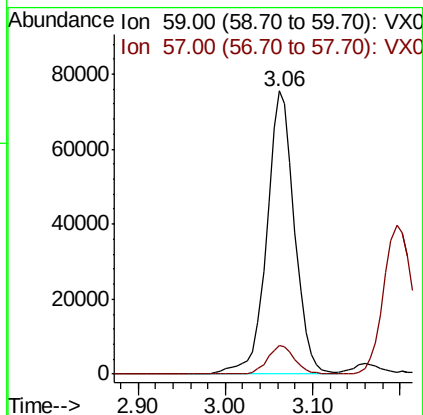
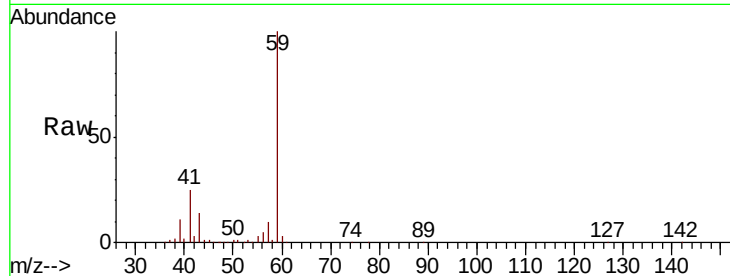


#11

Tert butyl alcohol
 Concen: 294.883 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. 0.02 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MSD

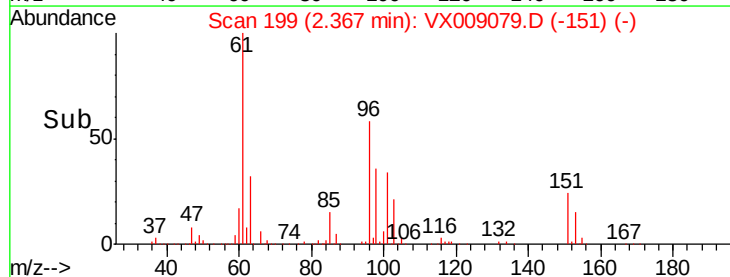
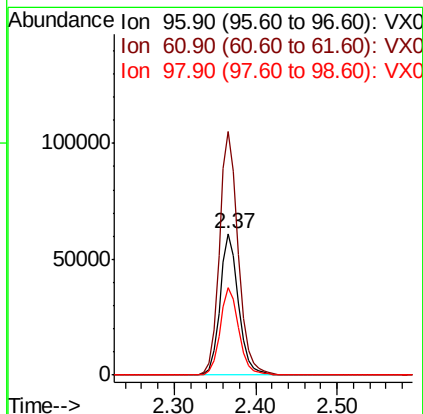
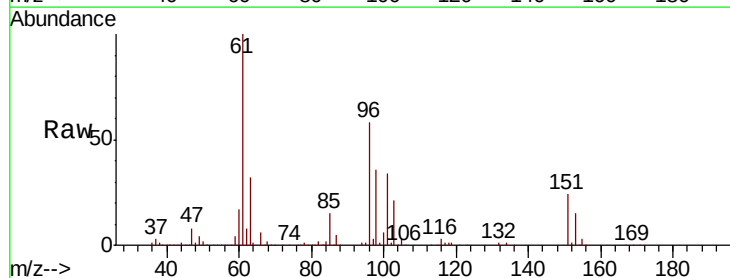
Tot Ion: 59 Resp: 167579
 Ion Ratio Lower Upper
 59 100
 57 9.6 8.4 12.6

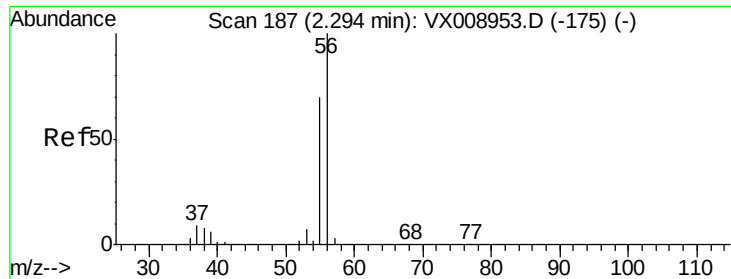


#12

1,1-Dichloroethene
 Concen: 49.305 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Tgt Ion: 96 Resp: 96053
 Ion Ratio Lower Upper
 96 100
 61 171.6 142.2 213.2
 98 61.8 50.9 76.3





#13

Acrolein

Concen: 268.516 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

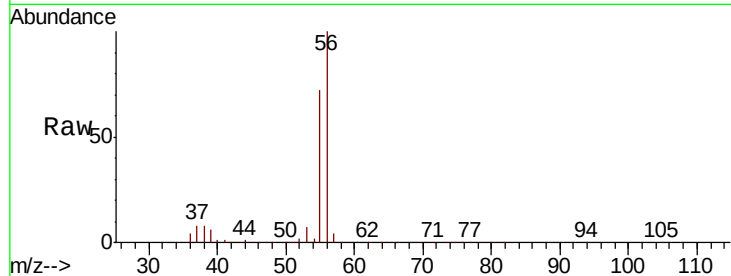
GMW-7MSD

Tot Ion: 56 Resp: 131848

Ion Ratio Lower Upper

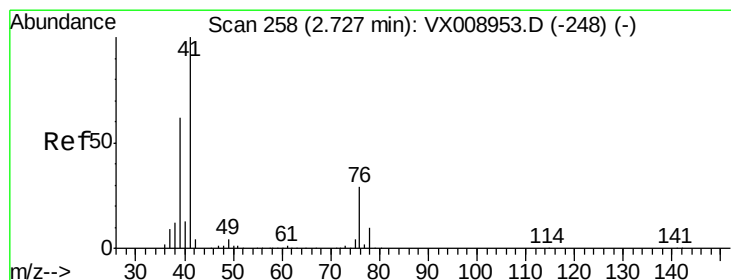
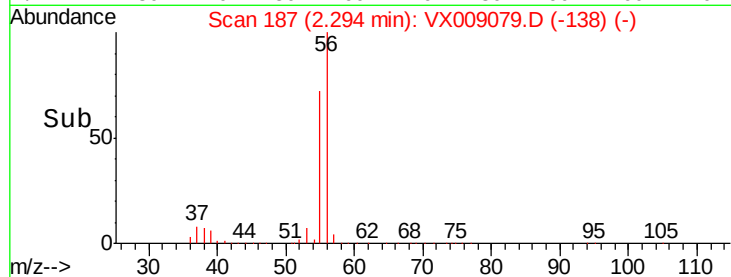
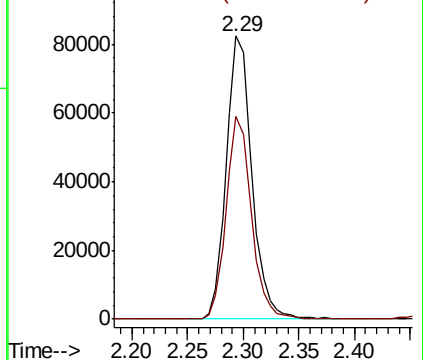
56 100

55 71.2 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 54.860 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

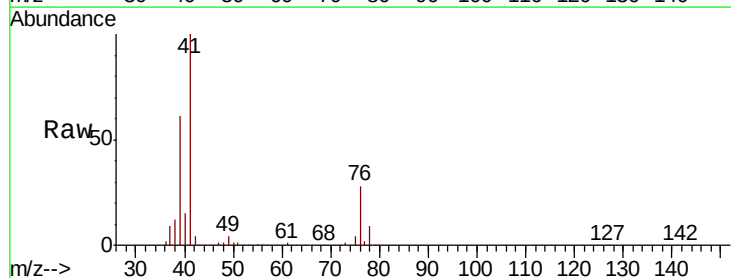
Tgt Ion: 41 Resp: 233171

Ion Ratio Lower Upper

41 100

39 58.7 46.7 70.1

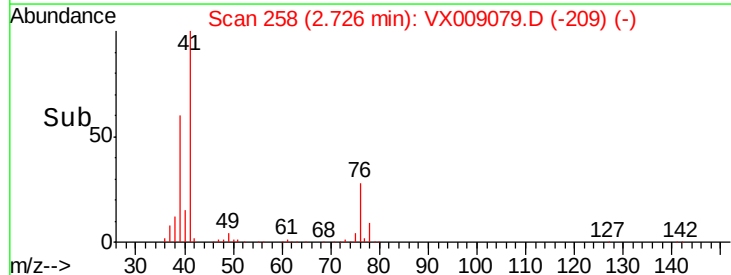
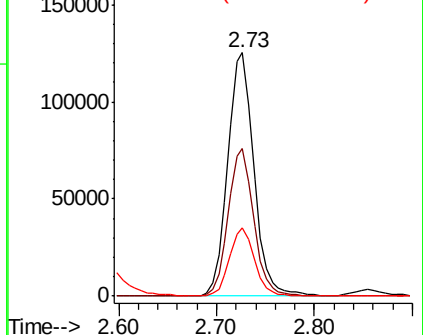
76 26.9 22.0 33.0

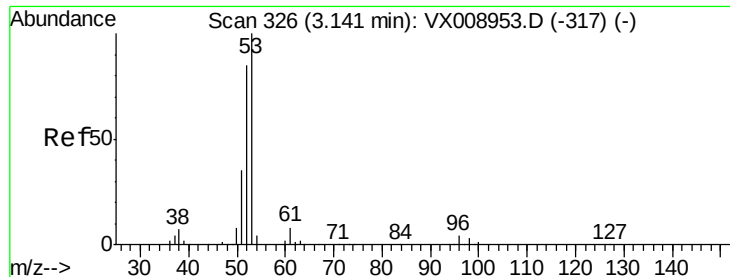


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 294.087 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MSD

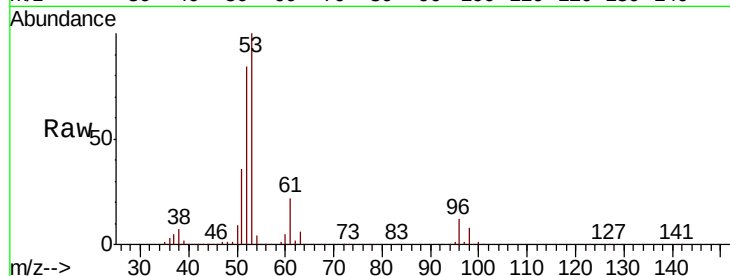
Tot Ion: 53 Resp: 424248

Ion Ratio Lower Upper

53 100

52 82.8 66.6 100.0

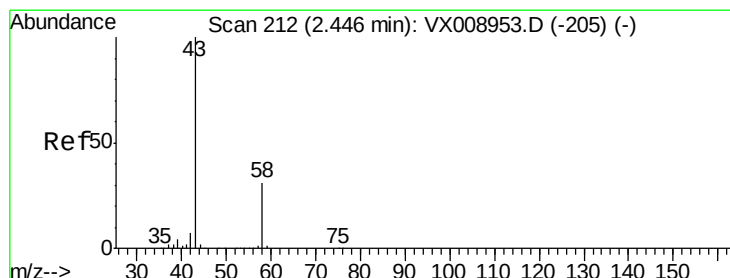
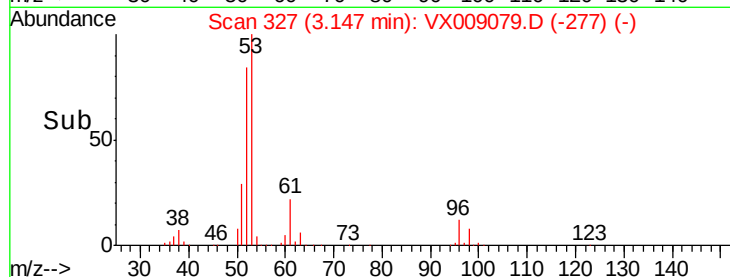
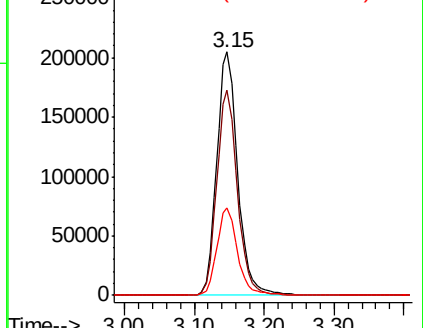
51 35.5 28.3 42.5



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: 276.286 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX009079.D

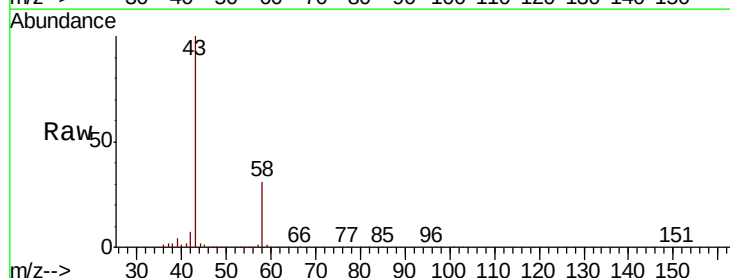
Acq: 19 Apr 2019 18:38

Tgt Ion: 43 Resp: 366811

Ion Ratio Lower Upper

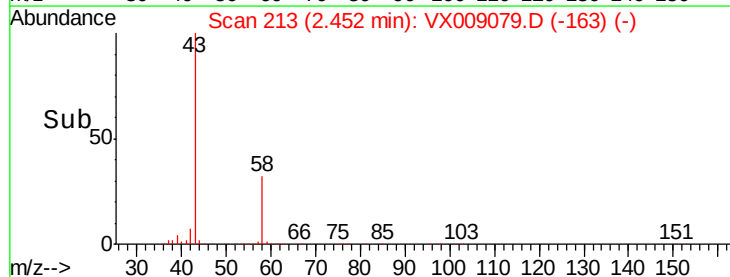
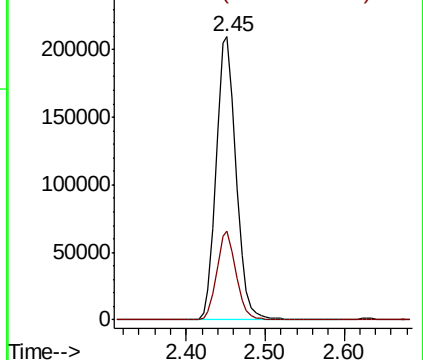
43 100

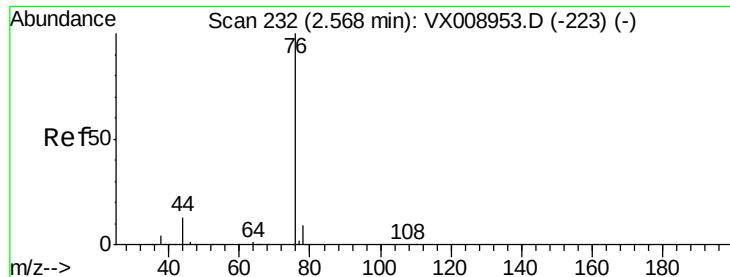
58 31.5 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

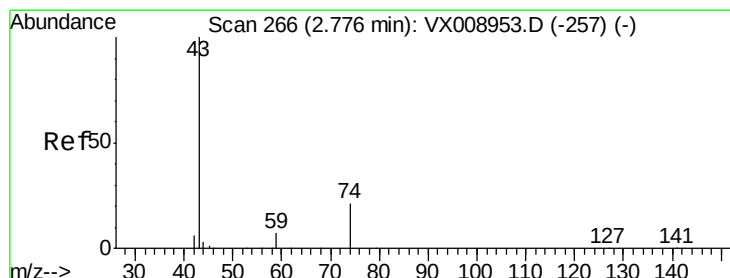
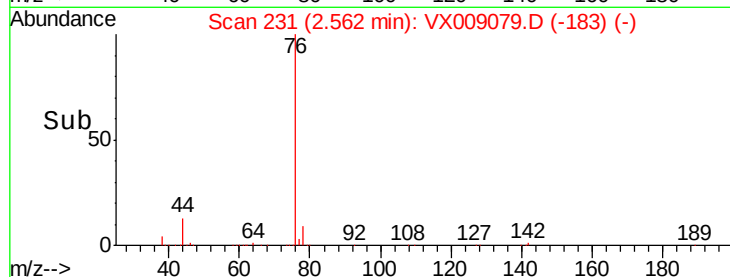
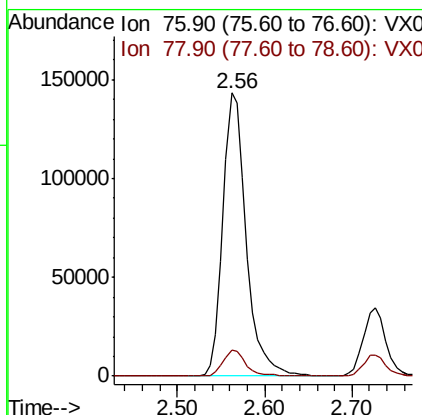
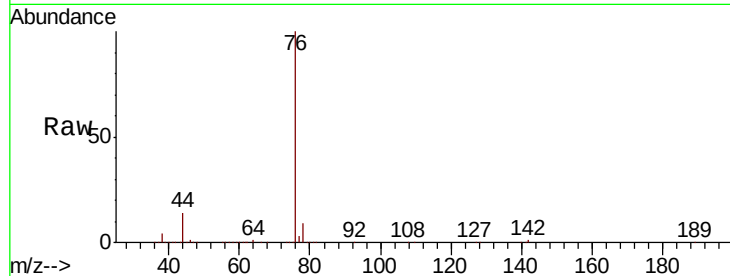




#17
Carbon Disulfide
Concen: 46.467 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

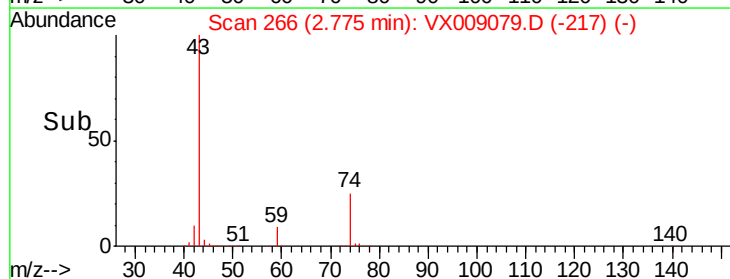
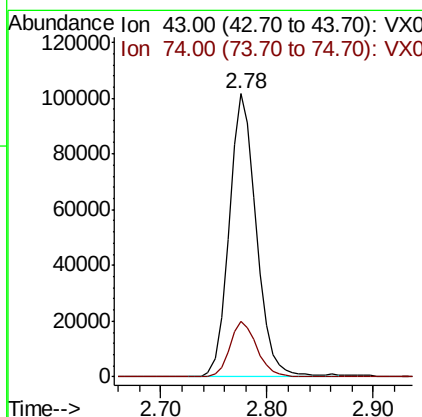
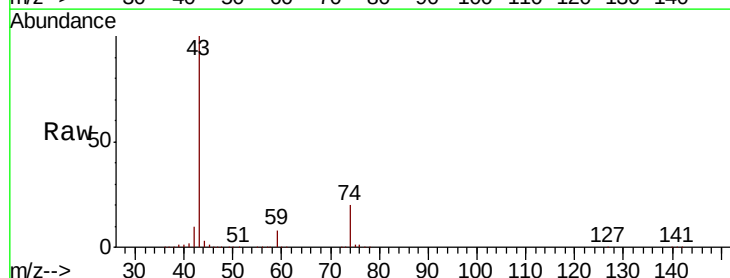
Instrument :
MSVOA_X
ClientSampleId :
GMW-7MSD

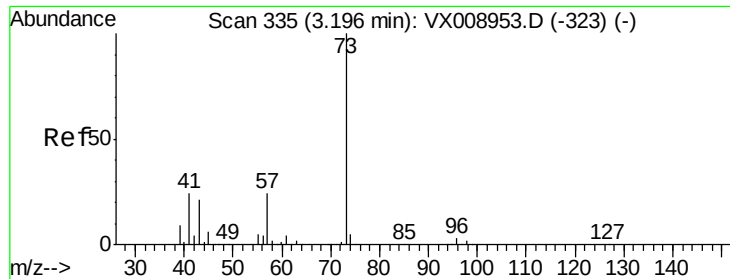
Tot Ion: 76 Resp: 265492
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 54.465 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Tgt Ion: 43 Resp: 180471
Ion Ratio Lower Upper
43 100
74 19.9 16.6 25.0

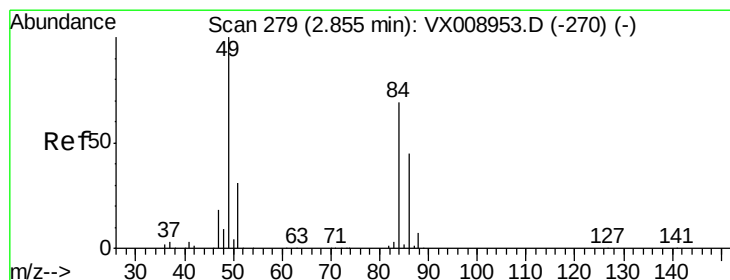
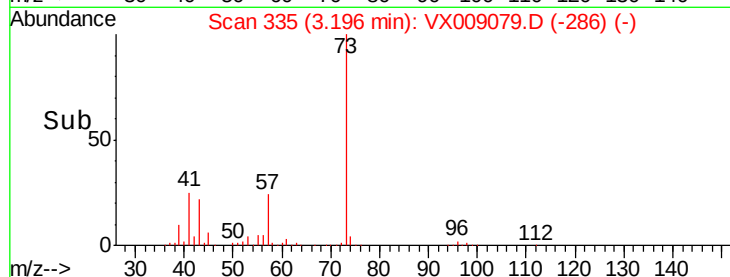
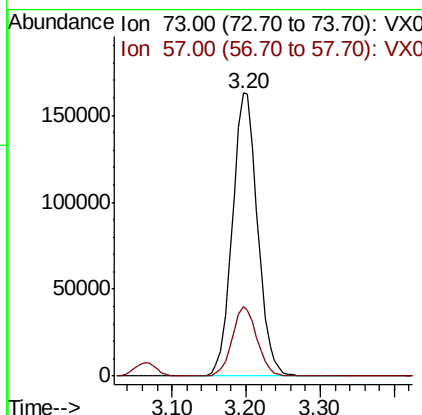
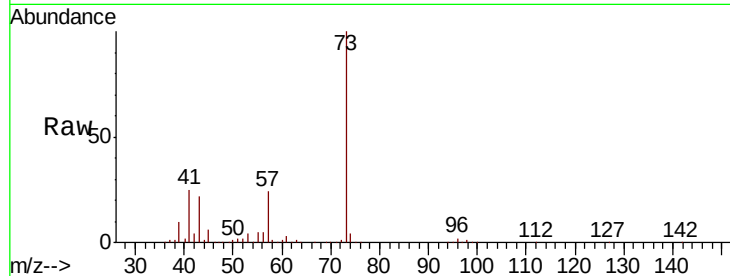




#19
Methyl tert-butyl Ether
Concen: 55.619 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

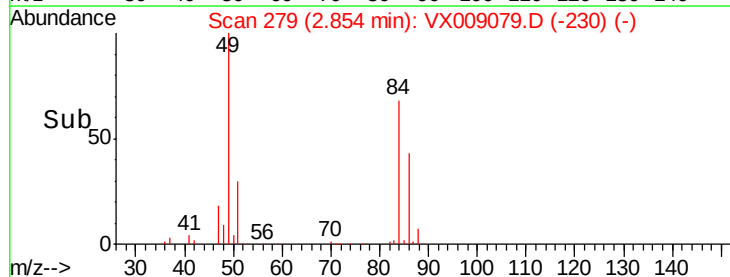
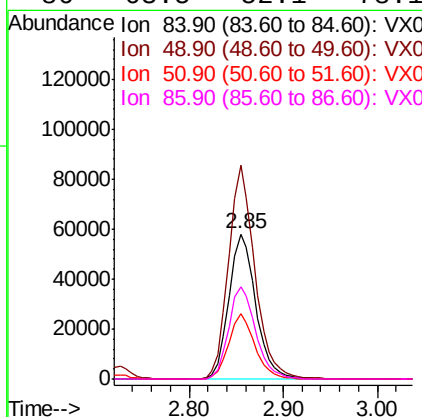
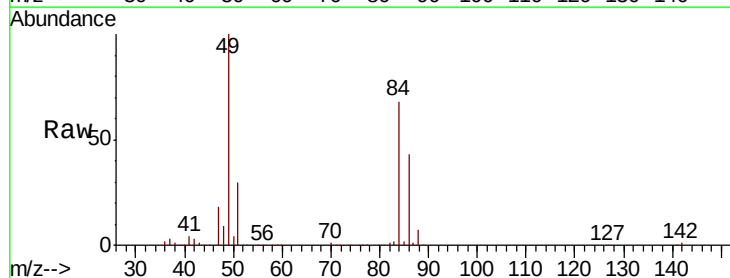
Instrument :
MSVOA_X
ClientSampleId :
GMW-7MSD

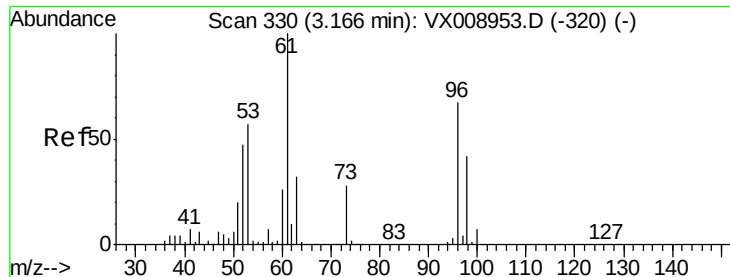
Tot Ion: 73 Resp: 386077
Ion Ratio Lower Upper
73 100
57 24.3 19.2 28.8



#20
Methylene Chloride
Concen: 50.952 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Tgt Ion: 84 Resp: 115683
Ion Ratio Lower Upper
84 100
49 147.7 115.4 173.0
51 44.6 35.8 53.6
86 63.5 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 50.226 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MSD

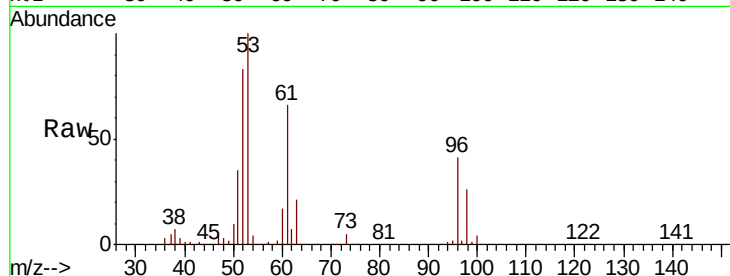
Tot Ion: 96 Resp: 104365

Ion Ratio Lower Upper

96 100

61 161.2 120.3 180.5

98 62.7 50.2 75.2

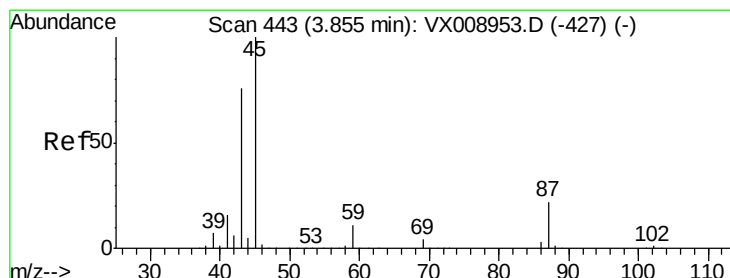
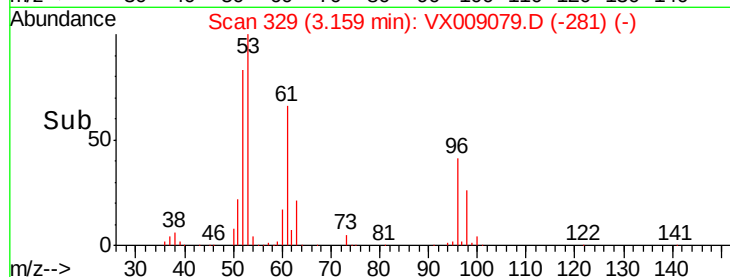
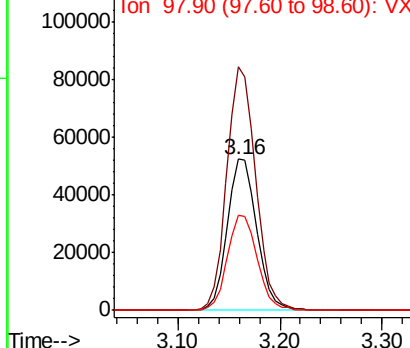


Abundance

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: 55.839 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Tgt Ion: 45 Resp: 461176

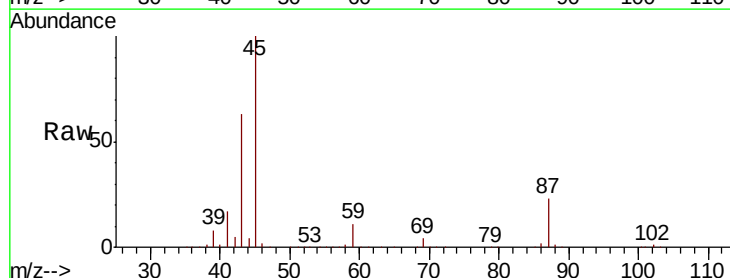
Ion Ratio Lower Upper

45 100

43 62.9 60.6 91.0

87 23.1 17.8 26.8

59 10.7 8.7 13.1



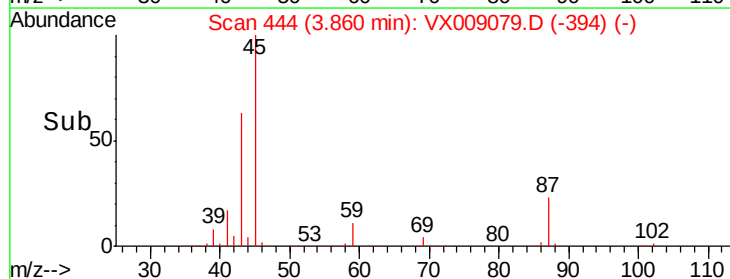
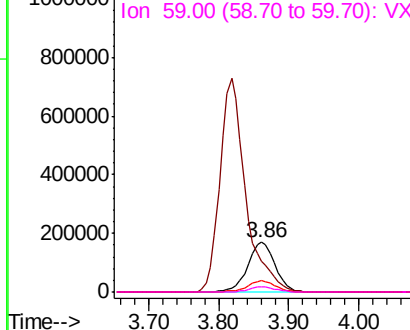
Abundance

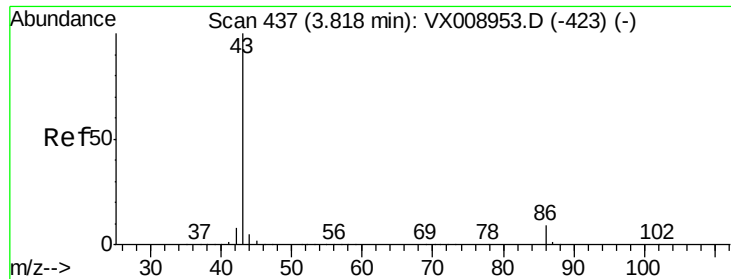
Ion 45.00 (44.70 to 45.70): VX0

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: 256.822 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

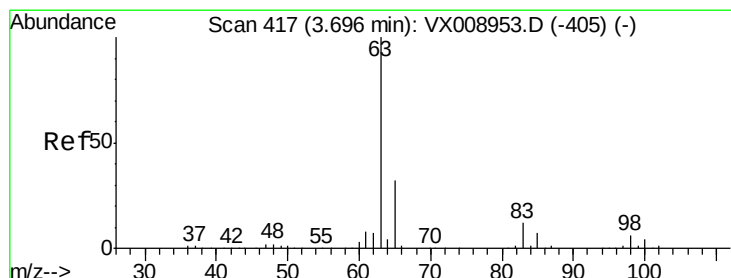
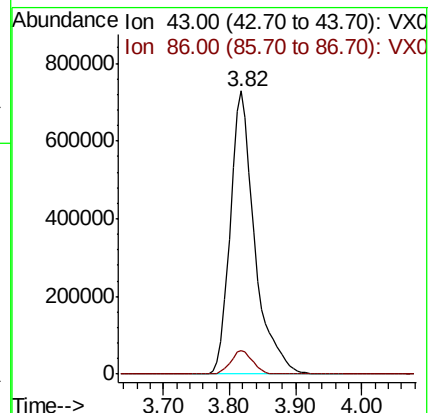
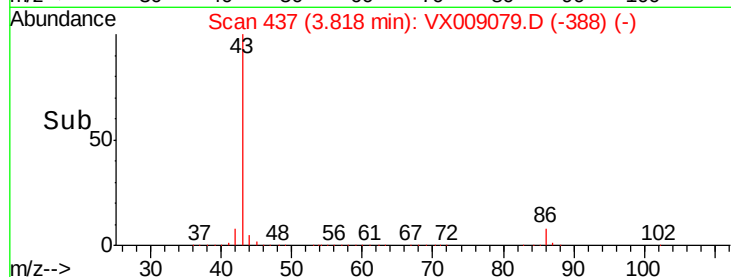
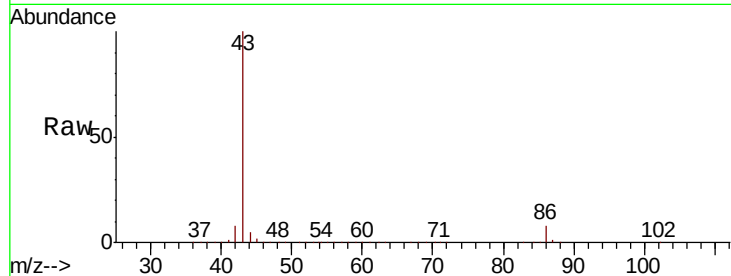
GMW-7MSD

Tot Ion: 43 Resp: 1864525

Ion Ratio Lower Upper

43 100

86 8.5 7.1 10.7



#24

1,1-Dichloroethane

Concen: 54.491 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

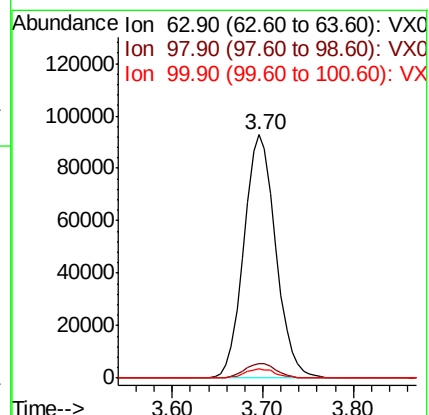
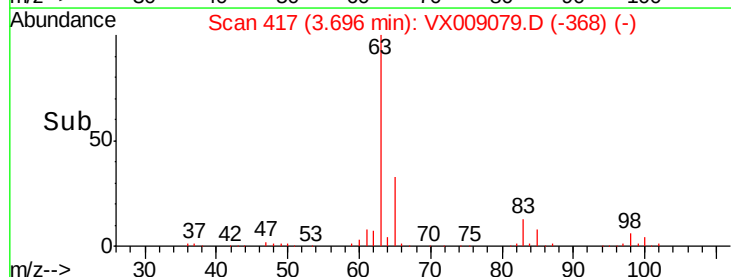
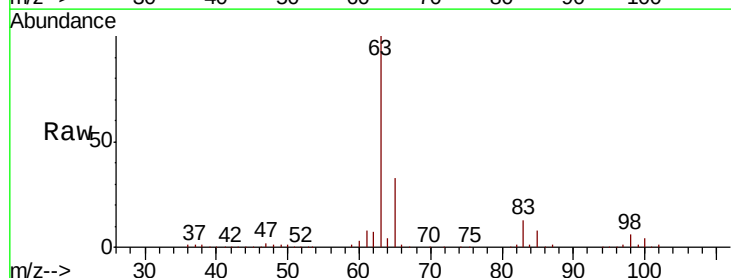
Tgt Ion: 63 Resp: 225914

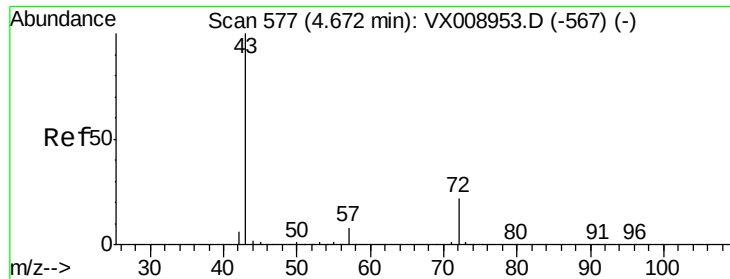
Ion Ratio Lower Upper

63 100

98 6.2 3.1 9.3

100 4.1 1.9 5.7





#25

2-Butanone

Concen: 295.483 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

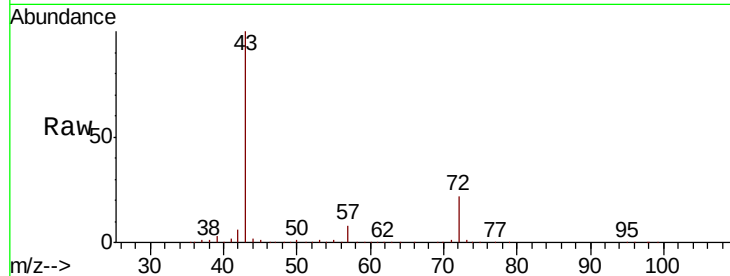
GMW-7MSD

Tot Ion: 43 Resp: 627061

Ion Ratio Lower Upper

43 100

72 22.2 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.68

250000

200000

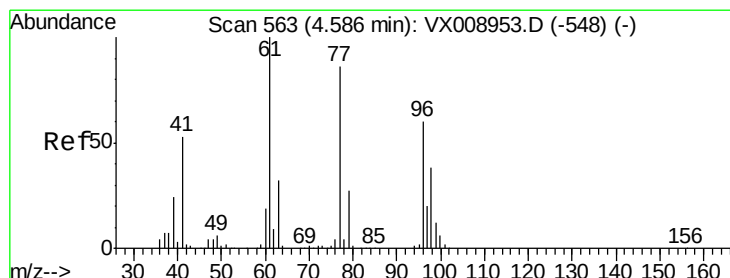
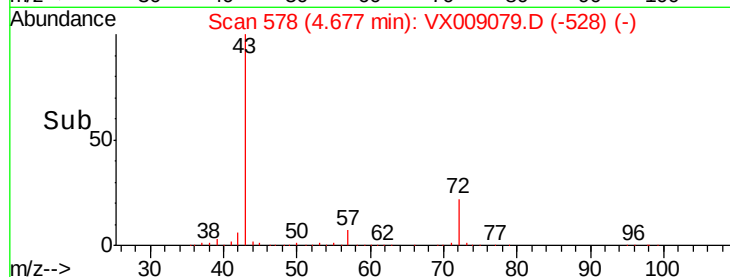
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 41.448 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX009079.D

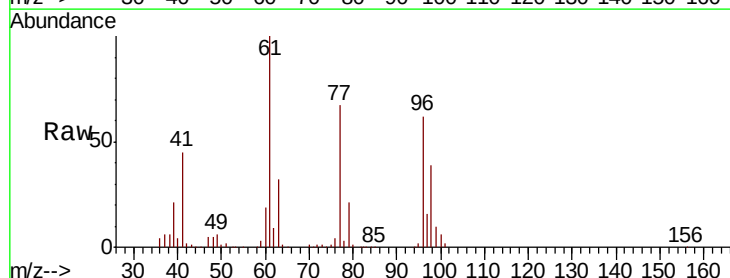
Acq: 19 Apr 2019 18:38

Tgt Ion: 77 Resp: 128807

Ion Ratio Lower Upper

77 100

97 24.0 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

40000

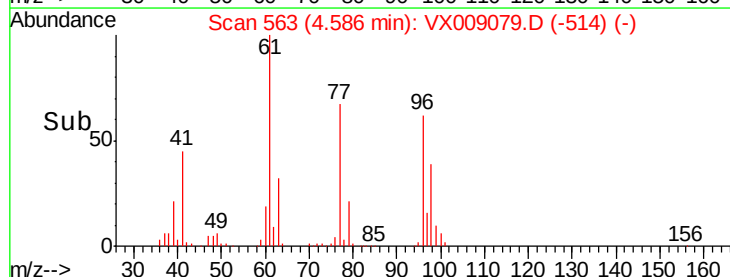
30000

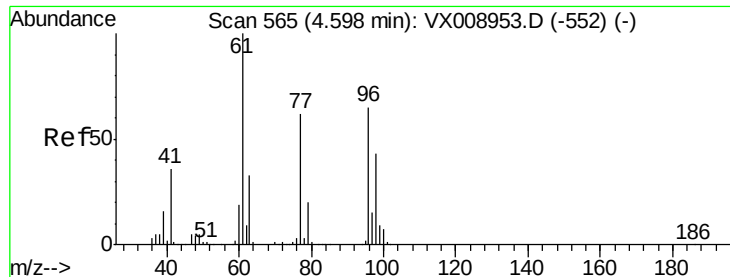
20000

10000

0

Time-->



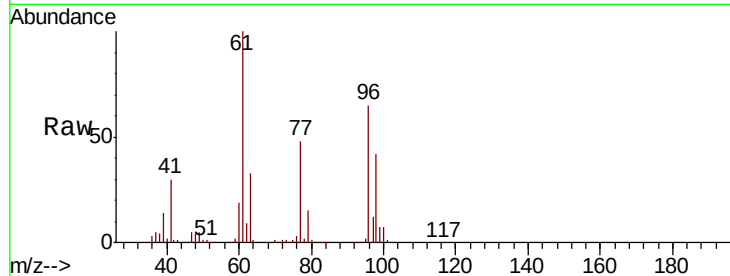


#27

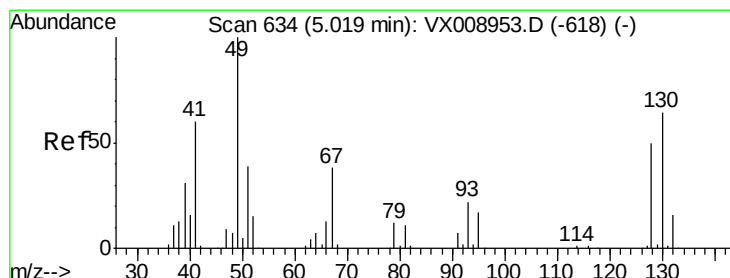
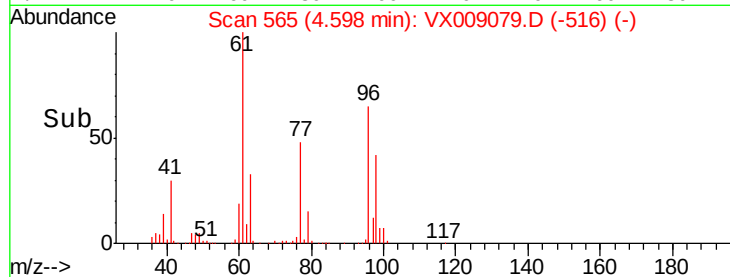
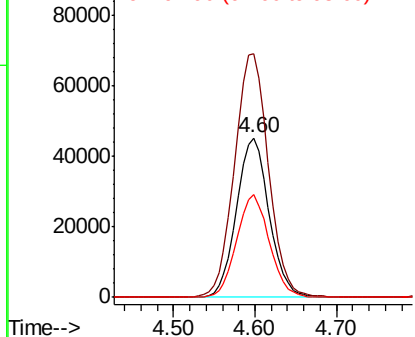
cis-1,2-Dichloroethene
 Concen: 52.855 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	159.8	0.0	322.0
98	64.8	0.0	128.4



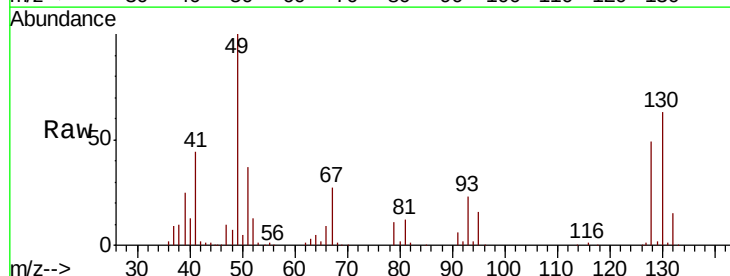
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



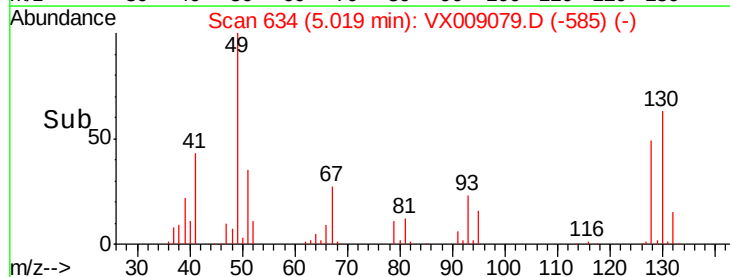
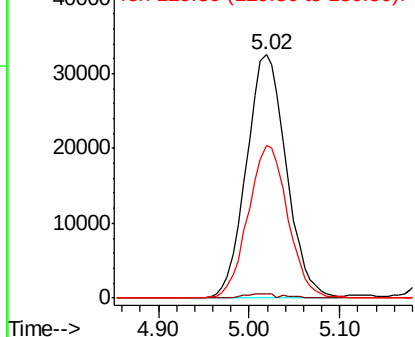
#28

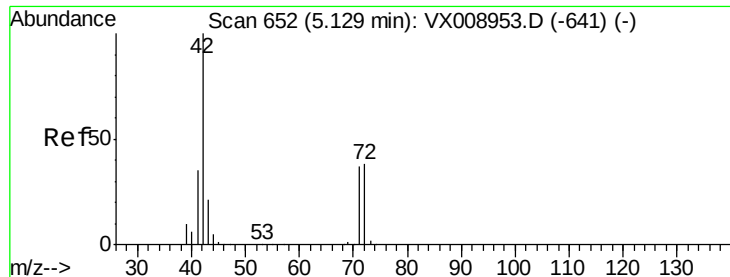
Bromochloromethane
 Concen: 58.007 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.6
130	62.1	50.4	75.6



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 295.332 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MSD

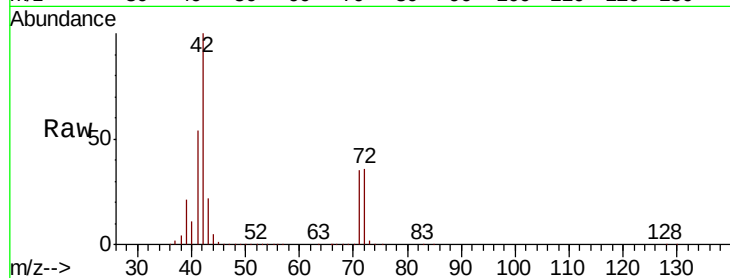
Tot Ion: 42 Resp: 419490

Ion Ratio Lower Upper

42 100

72 37.1 30.6 45.8

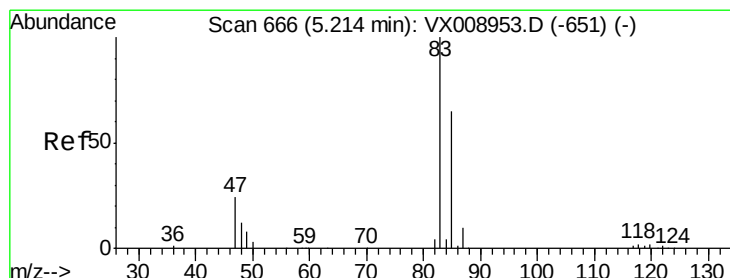
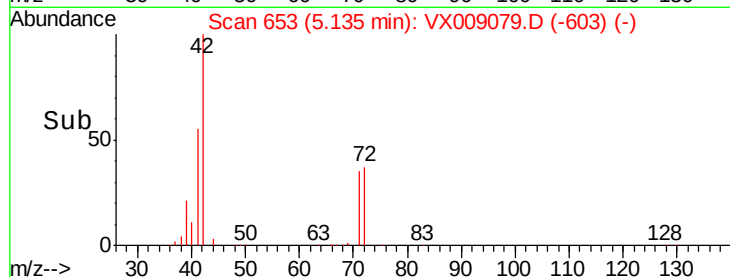
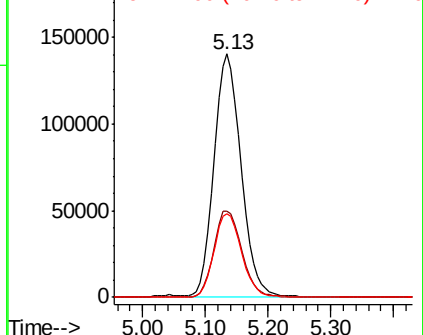
71 35.2 28.8 43.2



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: 54.874 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX009079.D

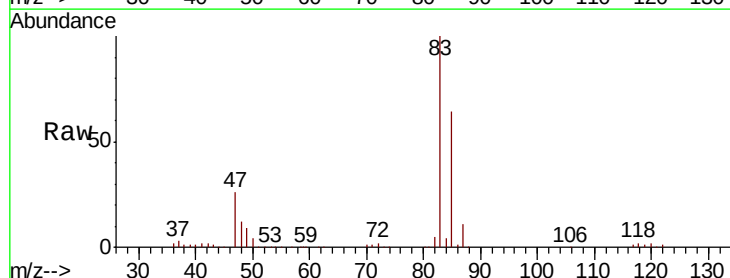
Acq: 19 Apr 2019 18:38

Tgt Ion: 83 Resp: 203580

Ion Ratio Lower Upper

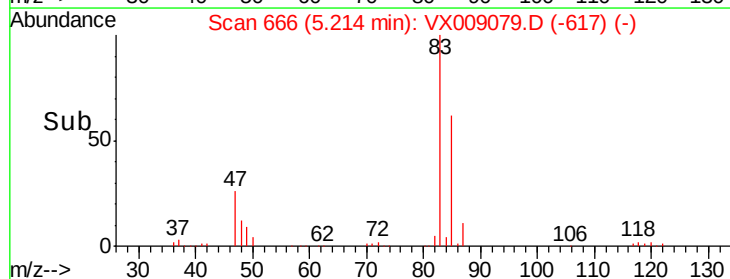
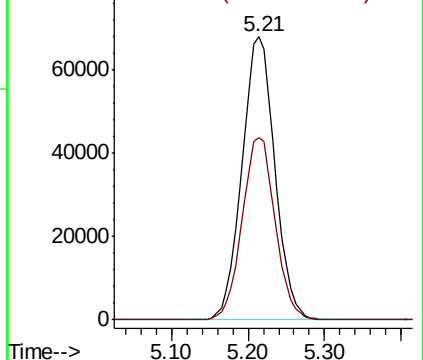
83 100

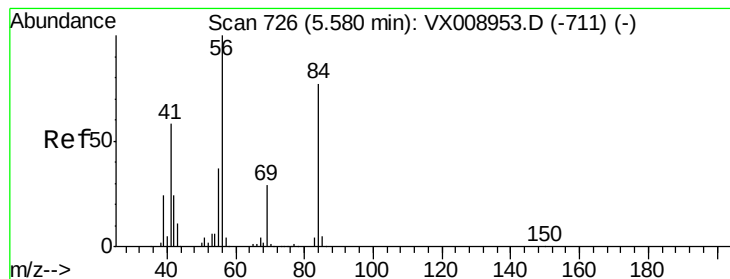
85 64.2 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 51.833 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MSD

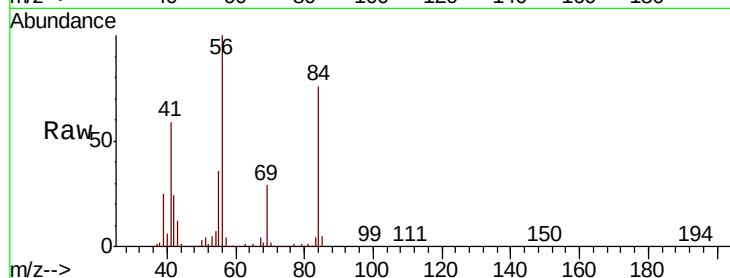
Tot Ion: 56 Resp: 211361

Ion Ratio Lower Upper

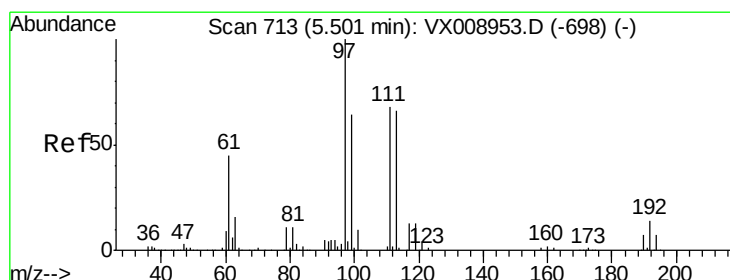
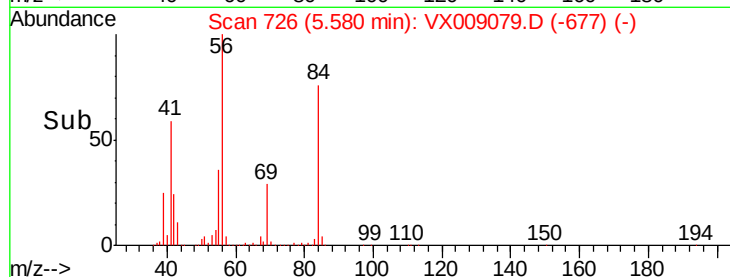
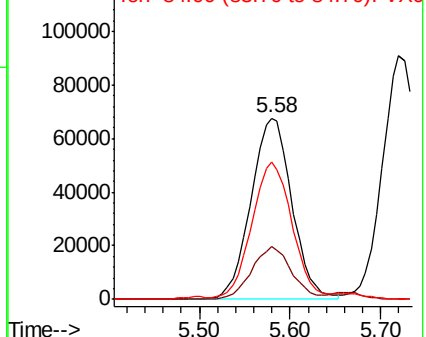
56 100

69 29.2 23.3 34.9

84 74.7 61.7 92.5



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



#32

1,1,1-Trichloroethane

Concen: 53.661 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

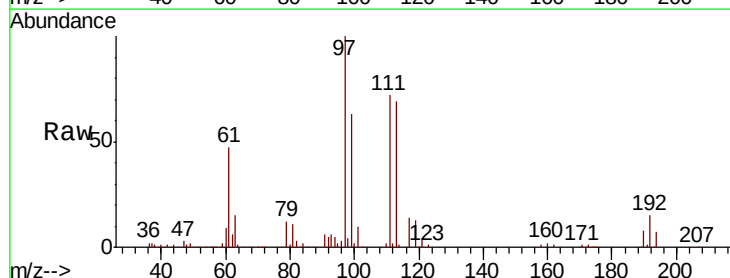
Tgt Ion: 97 Resp: 164998

Ion Ratio Lower Upper

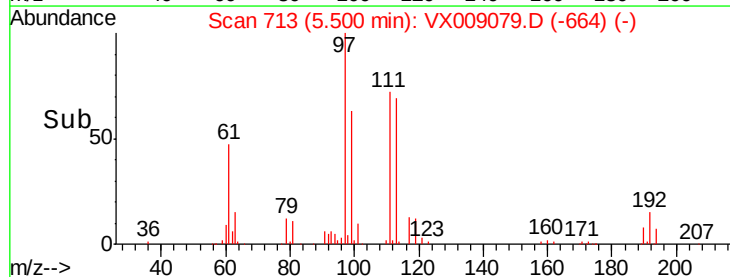
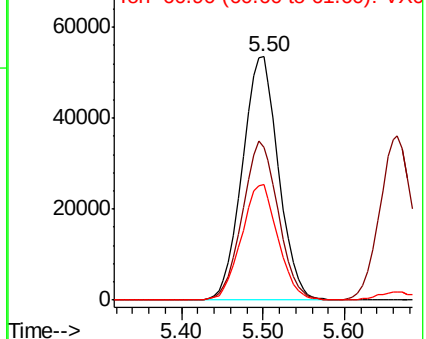
97 100

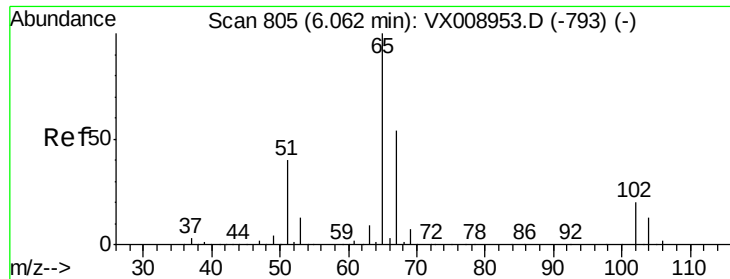
99 64.9 51.6 77.4

61 48.1 37.9 56.9



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

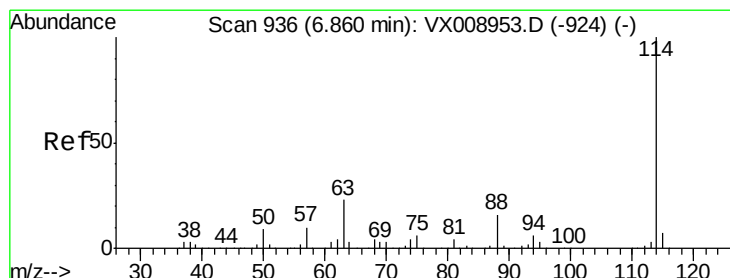
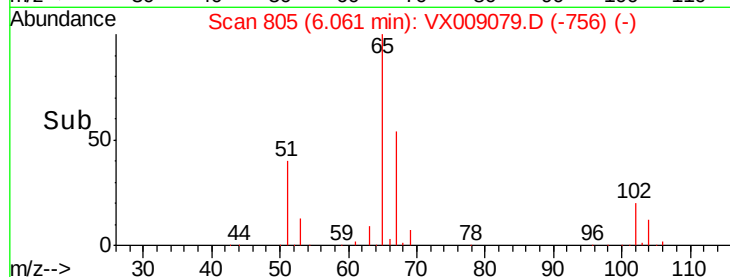
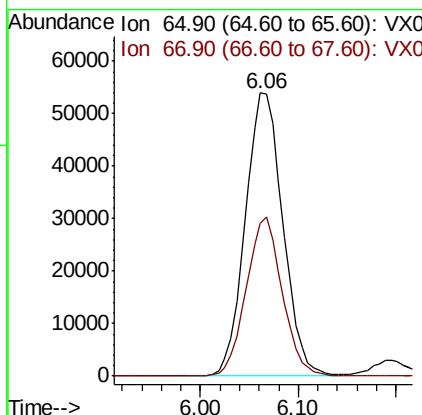
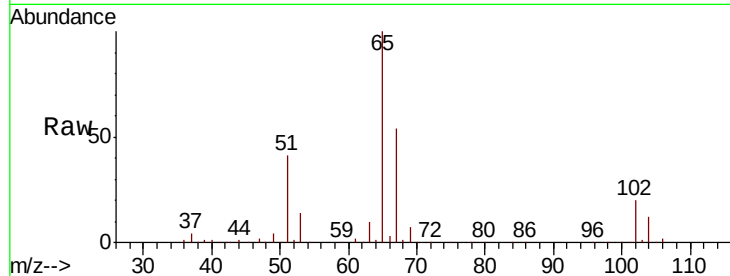




#33
 1,2-Dichloroethane-d4
 Concen: 56.150 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

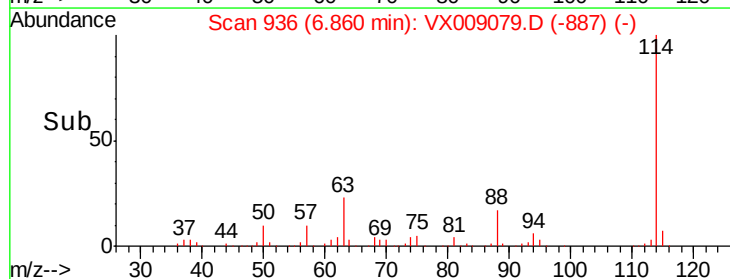
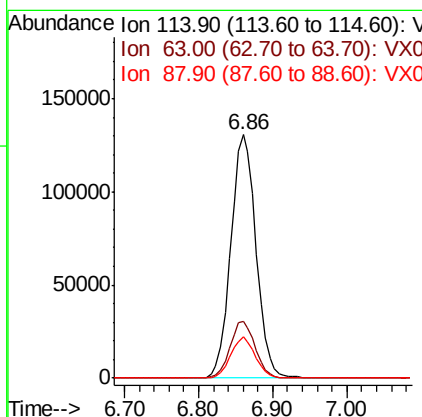
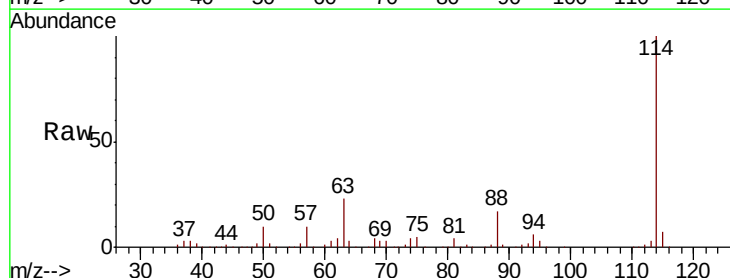
Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MSD

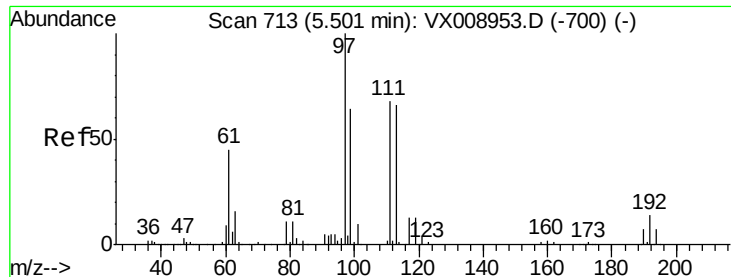
Tot Ion: 65 Resp: 143753
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Tgt Ion: 114 Resp: 309141
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 46.0
 88 16.9 0.0 32.6

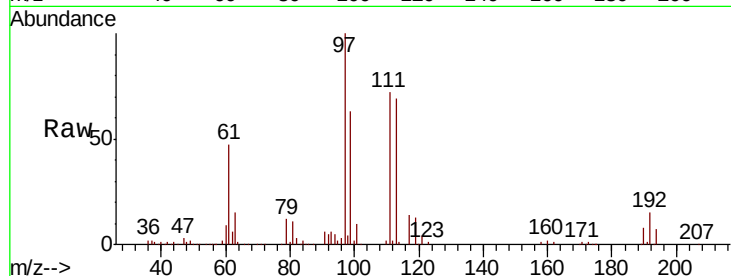




#35
 Dibromofluoromethane
 Concen: 53.597 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MSD

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.9	124.3
192	20.9	17.4	26.0

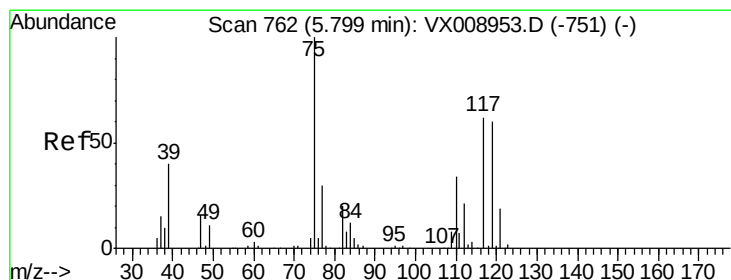
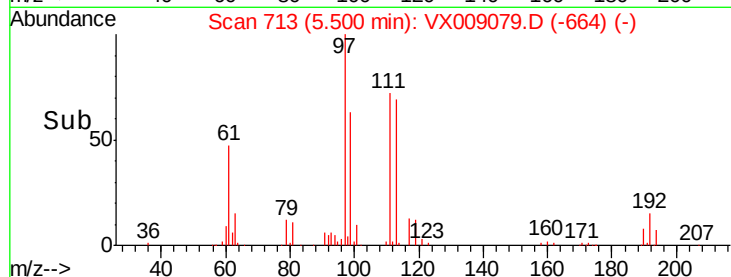
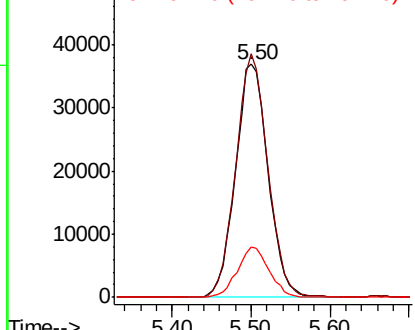


Abundance

Ion 112.80 (112.50 to 113.50): V

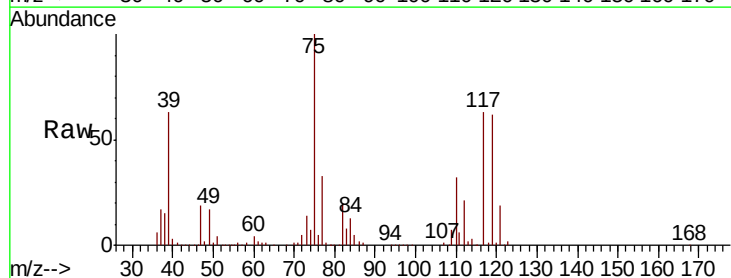
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 47.473 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.9	50.7
77	31.6	25.0	37.4

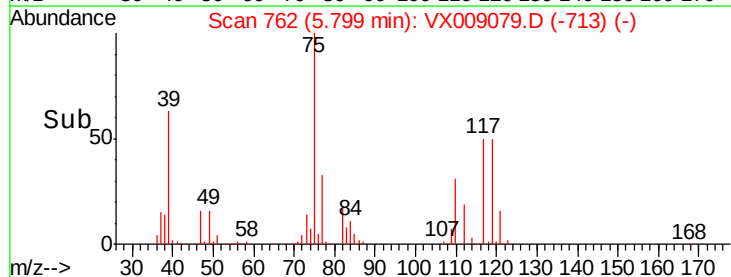
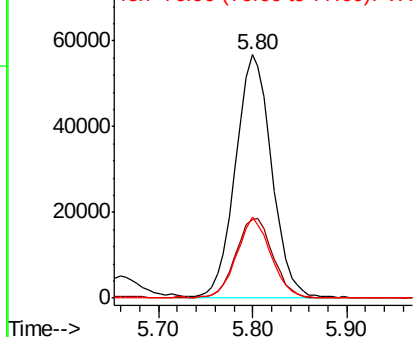


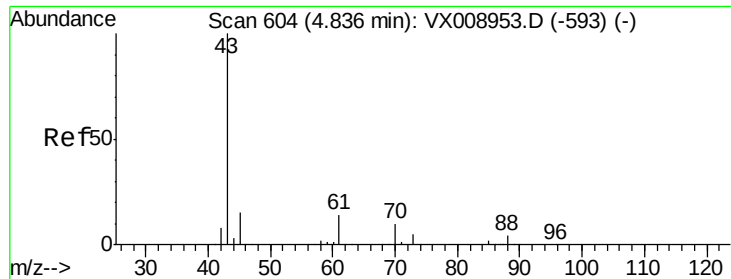
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 51.981 ug/l

RT: 4.84 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampled :

GMW-7MSD

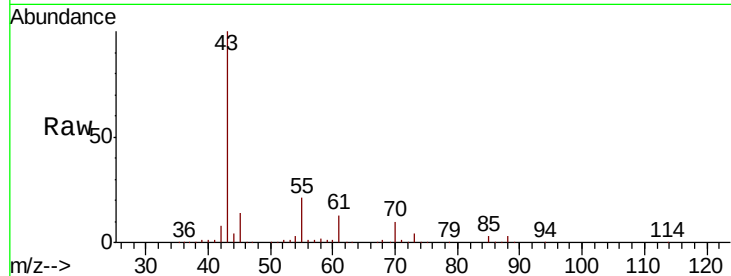
Tot Ion: 43 Resp: 213854

Ion Ratio Lower Upper

43 100

61 12.6 10.6 15.8

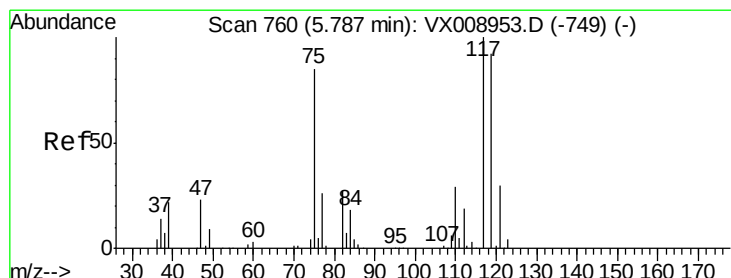
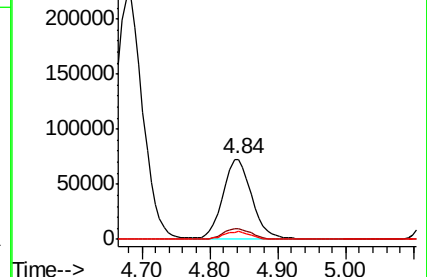
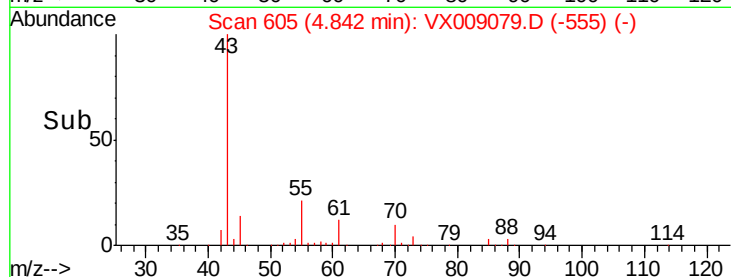
70 9.4 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX008953.D (-593) (-)

Ion 60.90 (60.60 to 61.60): VX008953.D (-593) (-)

Ion 70.00 (69.70 to 70.70): VX008953.D (-593) (-)



#38

Carbon Tetrachloride

Concen: 50.707 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

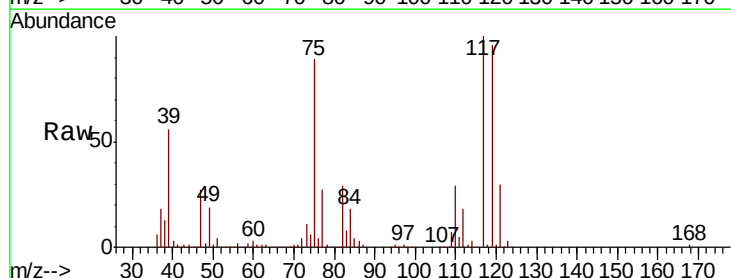
Tgt Ion: 117 Resp: 137441

Ion Ratio Lower Upper

117 100

119 96.0 73.8 110.8

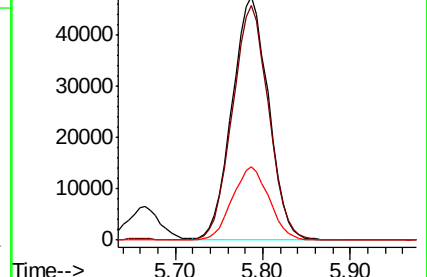
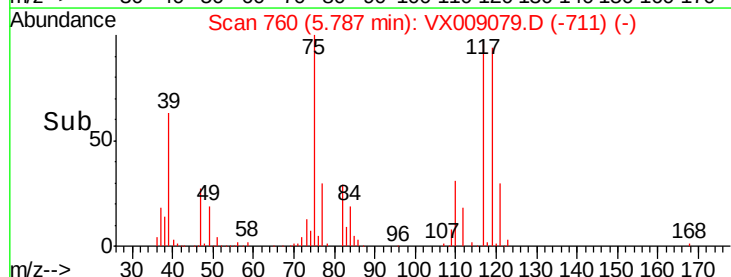
121 30.3 23.6 35.4

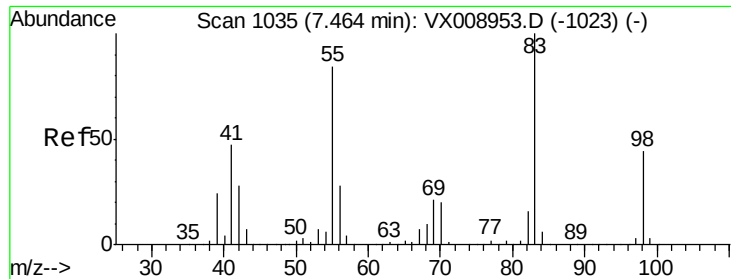


Abundance Ion 116.80 (116.50 to 117.50): VX008953.D (-749) (-)

Ion 118.80 (118.50 to 119.50): VX008953.D (-749) (-)

Ion 120.80 (120.50 to 121.50): VX008953.D (-749) (-)

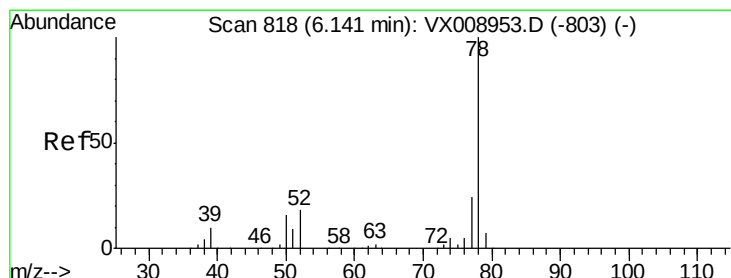
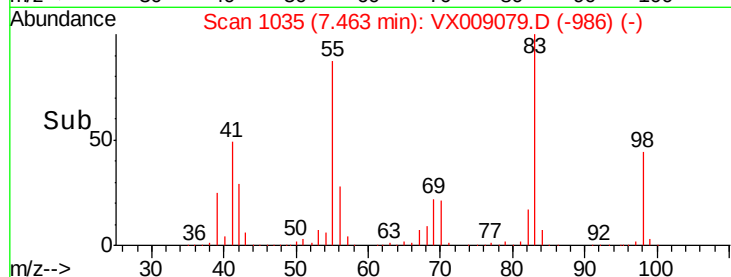
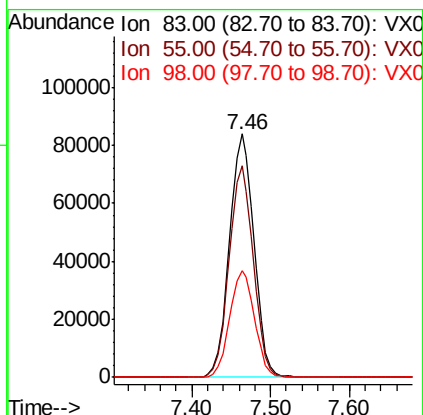
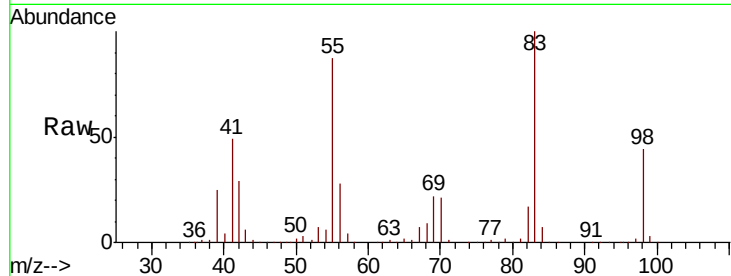




#39
Methylvlcyclohexane
Concen: 46.710 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

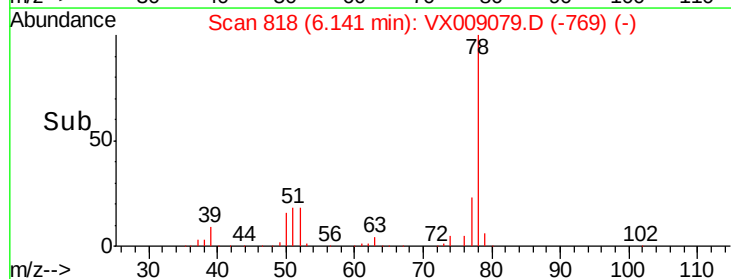
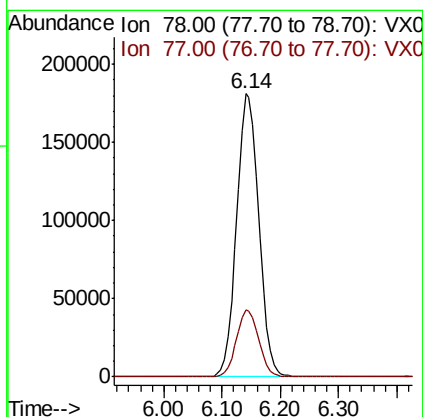
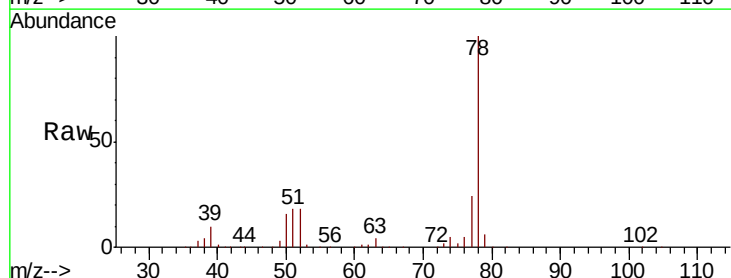
Instrument :
MSVOA_X
ClientSampled :
GMW-7MSD

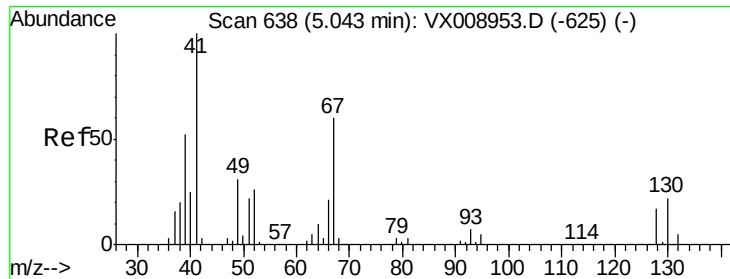
Tot Ion: 83 Resp: 181828
Ion Ratio Lower Upper
83 100
55 87.2 67.1 100.7
98 43.7 35.1 52.7



#40
Benzene
Concen: 50.866 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Tgt Ion: 78 Resp: 479760
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6





#41

Methacrylonitrile

Concen: 56.608 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MSD

Tot Ion: 41 Resp: 133662

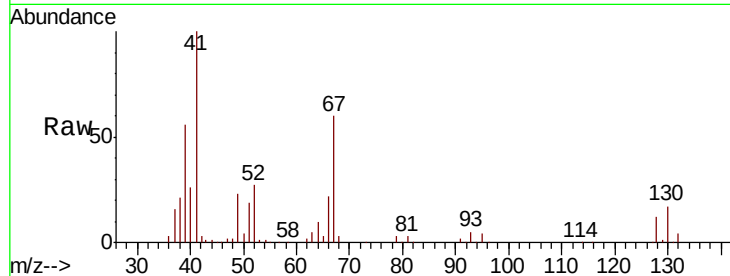
Ion Ratio Lower Upper

41 100

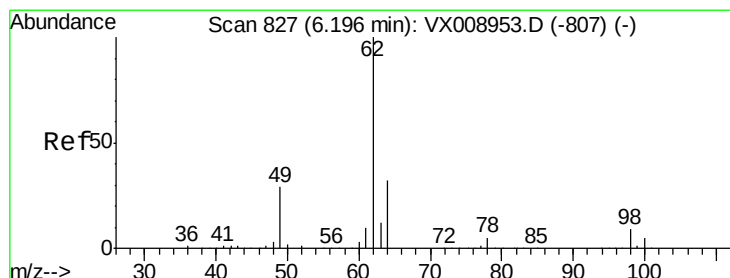
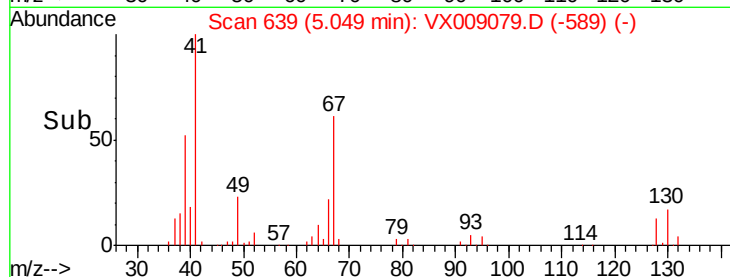
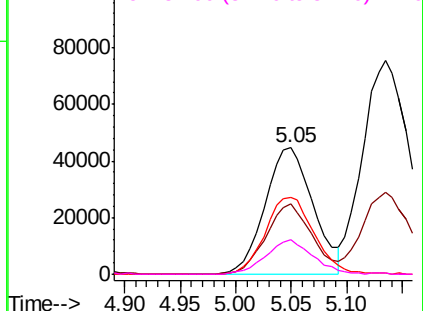
39 53.2 41.8 62.6

67 62.0 50.2 75.4

52 25.7 21.1 31.7



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: 51.878 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX009079.D

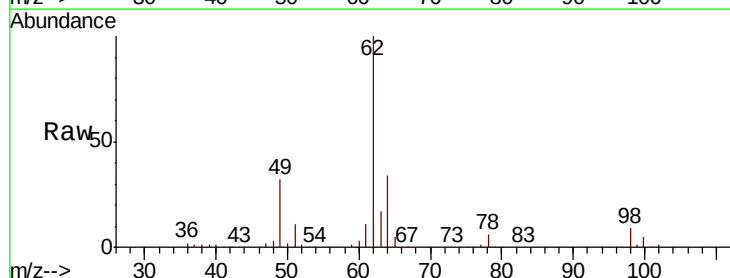
Acq: 19 Apr 2019 18:38

Tgt Ion: 62 Resp: 173333

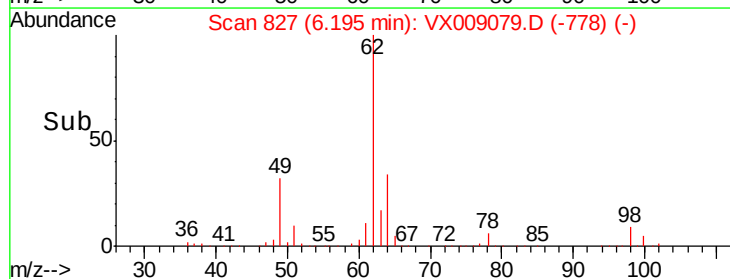
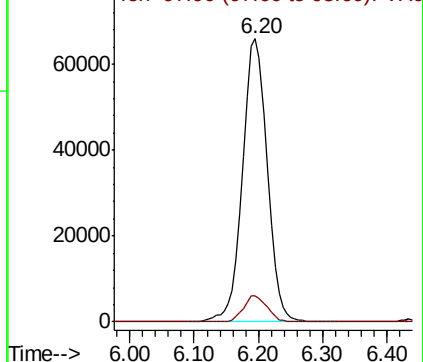
Ion Ratio Lower Upper

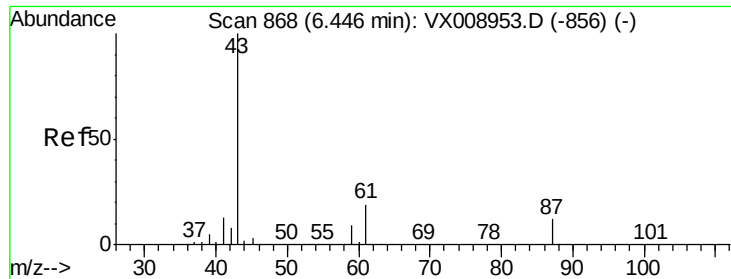
62 100

98 9.0 0.0 18.4



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





#43

Isopropyl Acetate

Concen: 51.763 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MSD

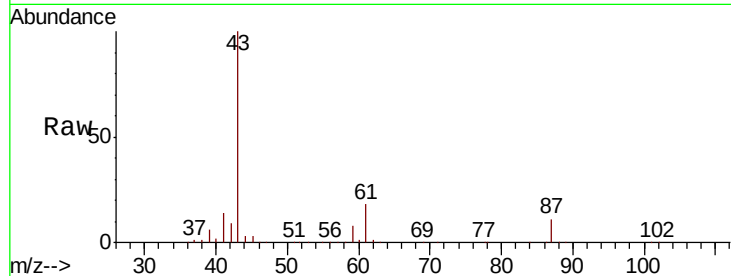
Tot Ion: 43 Resp: 343182

Ion Ratio Lower Upper

43 100

61 18.6 15.4 23.0

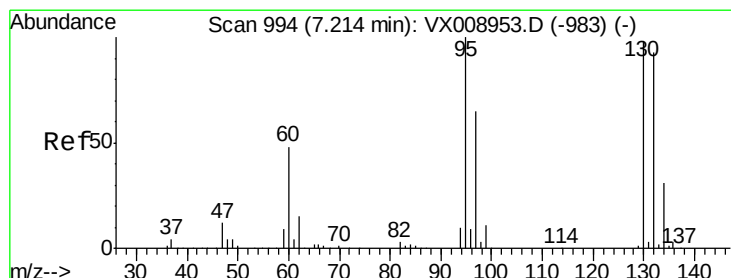
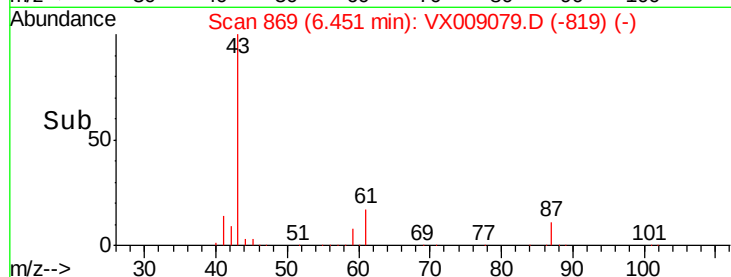
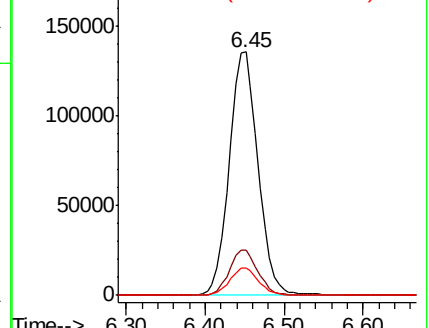
87 11.1 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.681 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009079.D

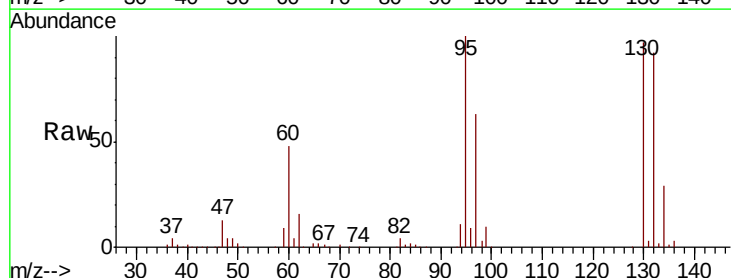
Acq: 19 Apr 2019 18:38

Tgt Ion:130 Resp: 110190

Ion Ratio Lower Upper

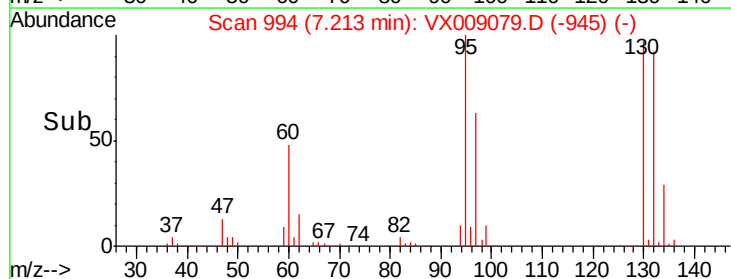
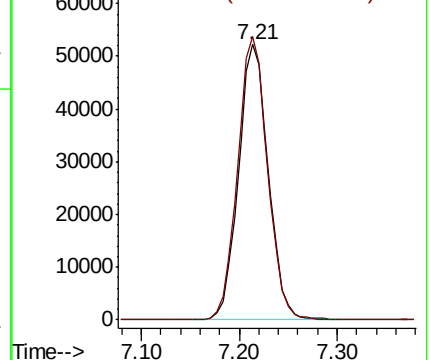
130 100

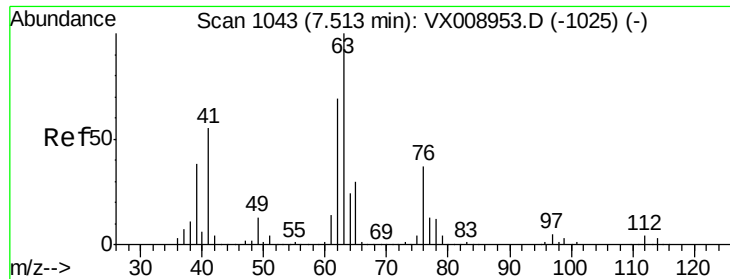
95 102.8 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

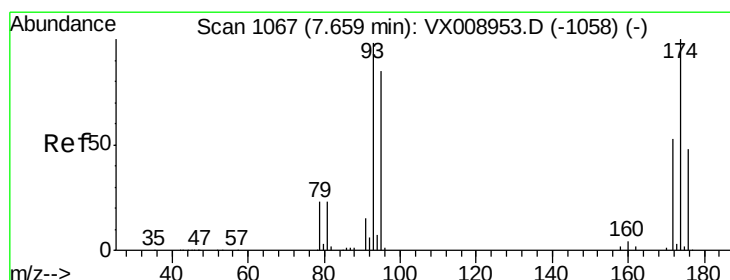
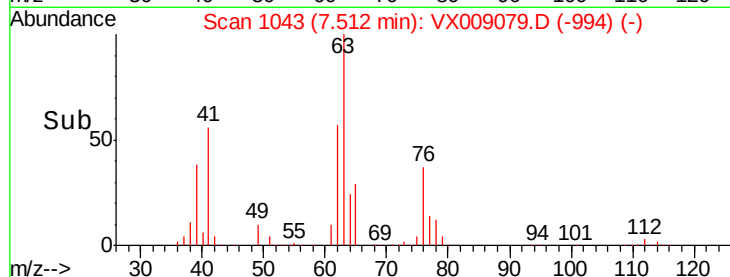
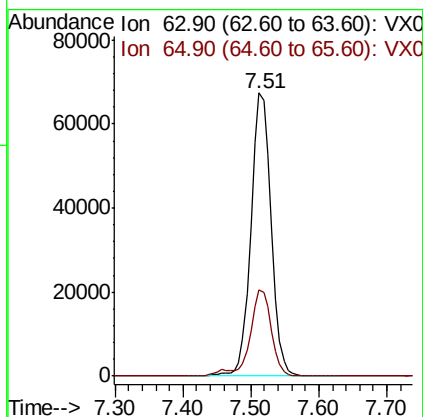
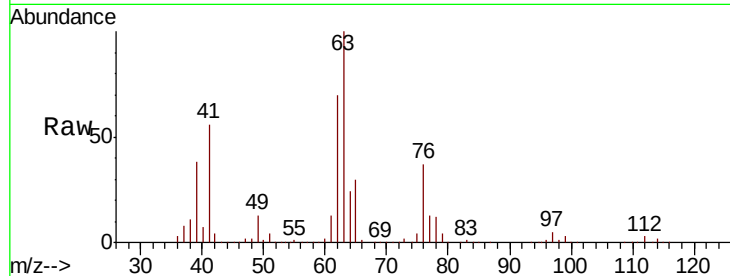




#45
 1,2-Dichloropropane
 Concen: 53.365 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

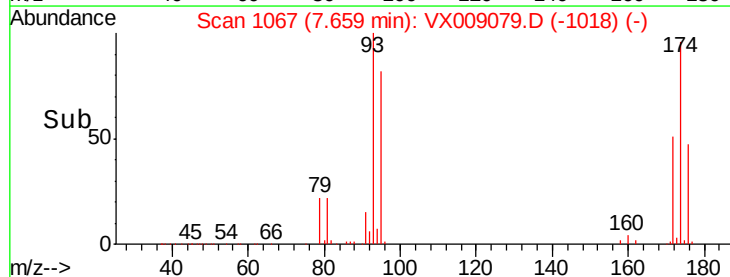
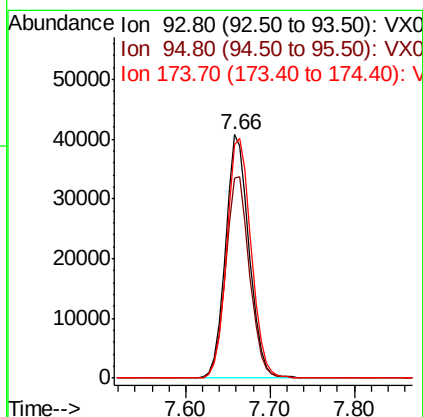
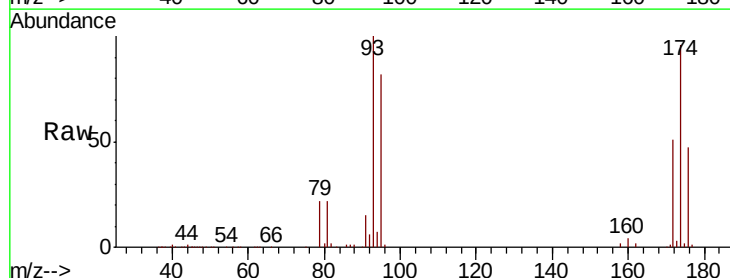
Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MSD

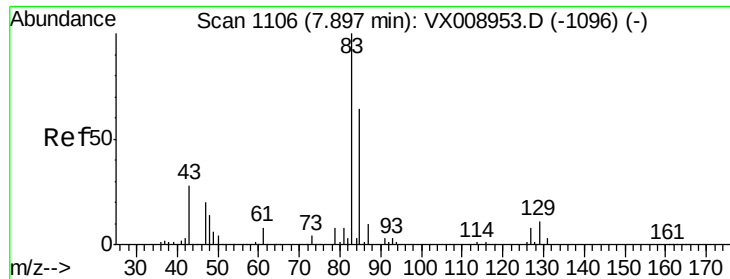
Tot Ion: 63 Resp: 139639
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.1 36.1



#46
 Dibromomethane
 Concen: 51.228 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Tgt Ion: 93 Resp: 78011
 Ion Ratio Lower Upper
 93 100
 95 84.2 67.0 100.4
 174 101.3 81.6 122.4





#47

Bromodichloromethane

Concen: 52.636 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampled :

GMW-7MSD

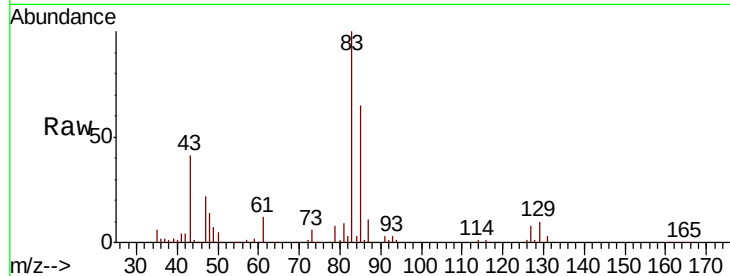
Tot Ion: 83 Resp: 157214

Ion Ratio Lower Upper

83 100

85 64.7 50.8 76.2

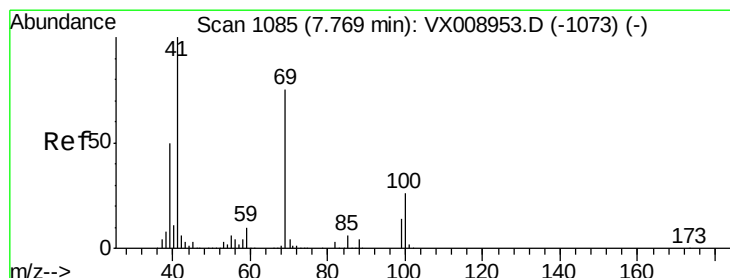
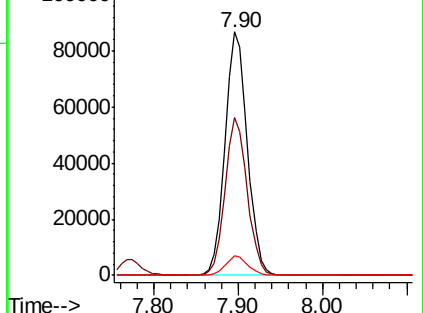
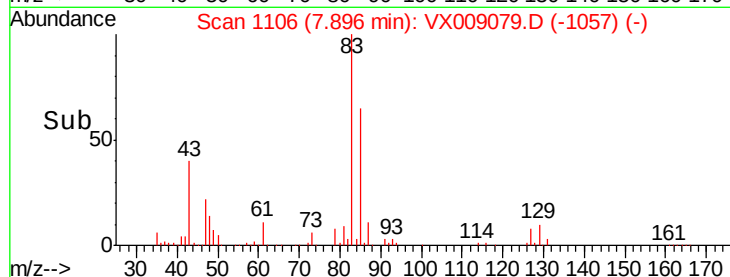
127 8.1 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 55.101 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

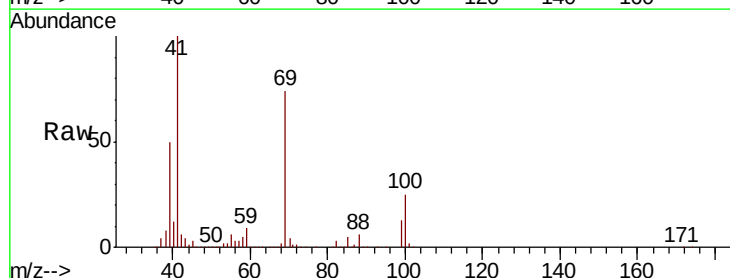
Tgt Ion: 41 Resp: 180502

Ion Ratio Lower Upper

41 100

69 73.5 59.4 89.2

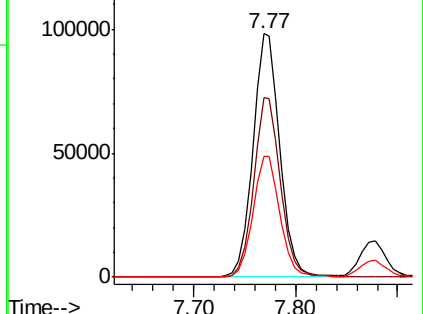
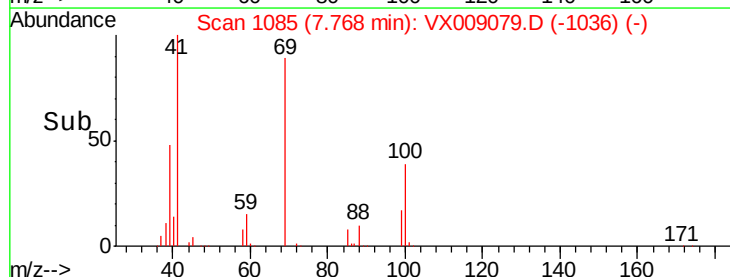
39 49.7 39.8 59.6

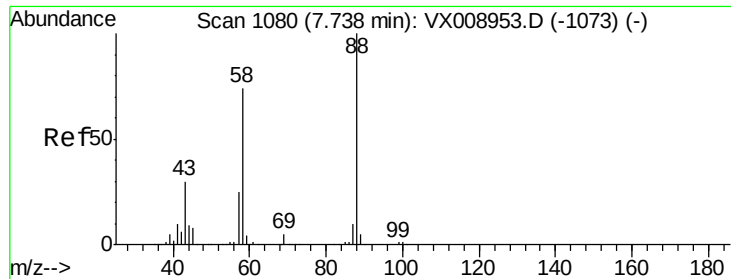


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

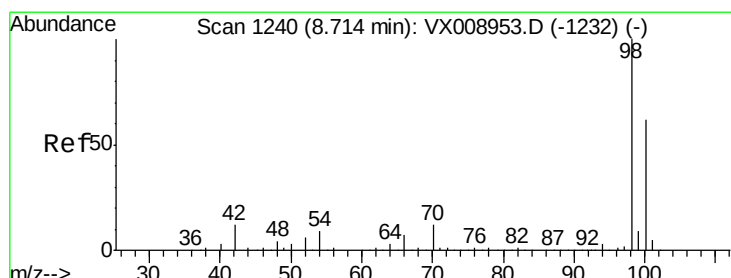
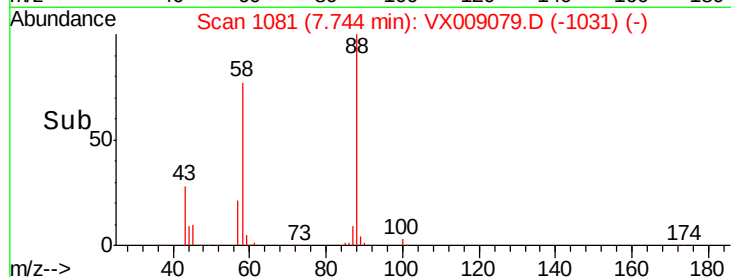
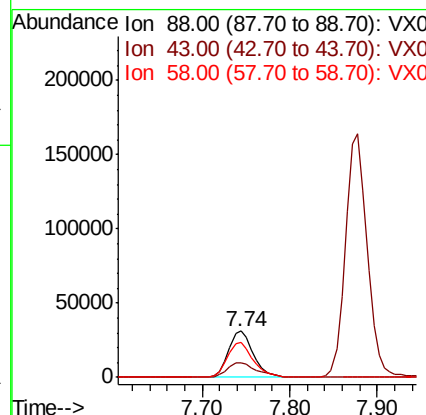
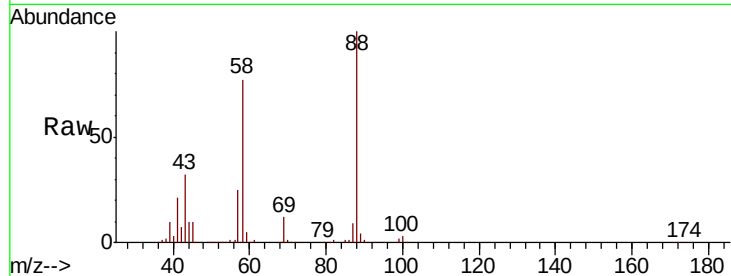




#49
1,4-Dioxane
Concen: 1001.390 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

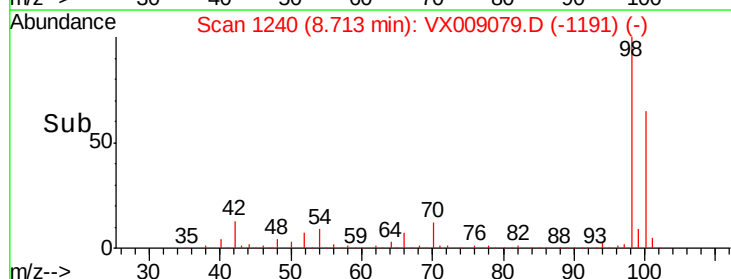
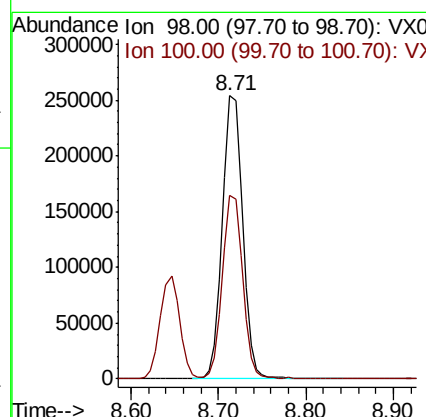
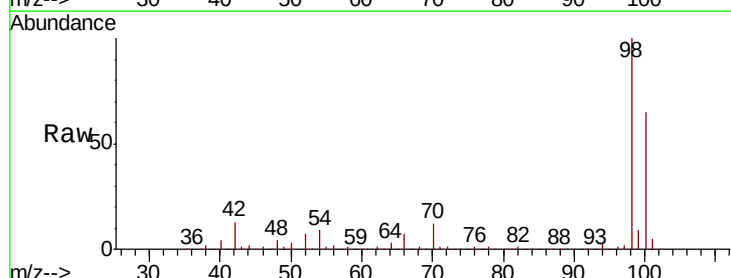
Instrument :
MSVOA_X
ClientSampleId :
GMW-7MSD

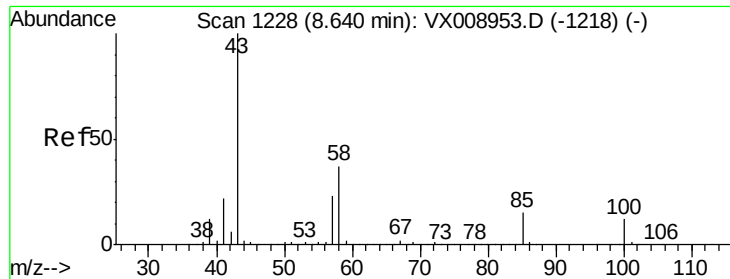
Tot Ion: 88 Resp: 61399
Ion Ratio Lower Upper
88 100
43 37.7 29.3 43.9
58 78.5 62.6 93.8



#50
Toluene-d8
Concen: 51.640 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Tgt Ion: 98 Resp: 408590
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.2

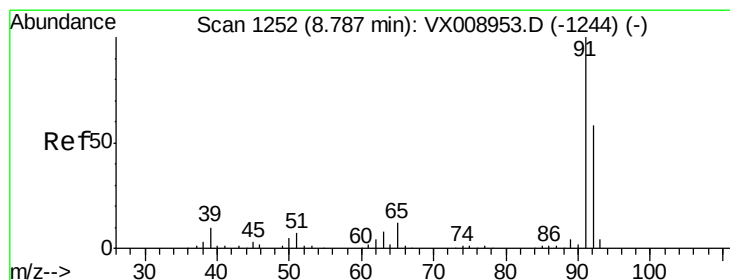
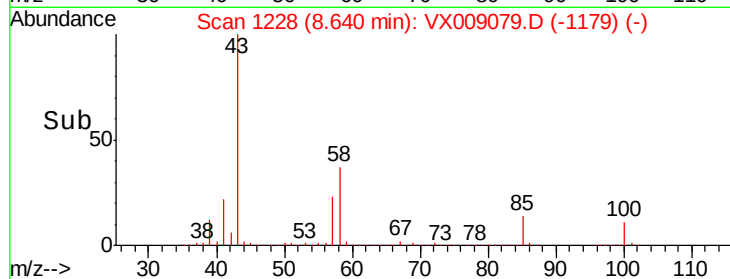
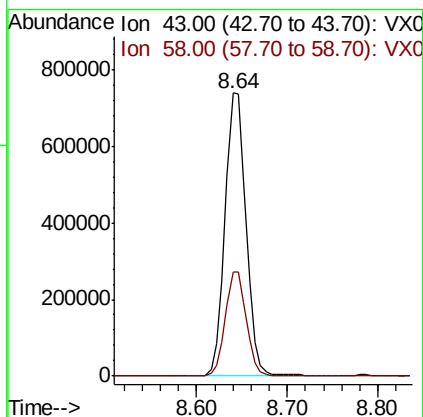
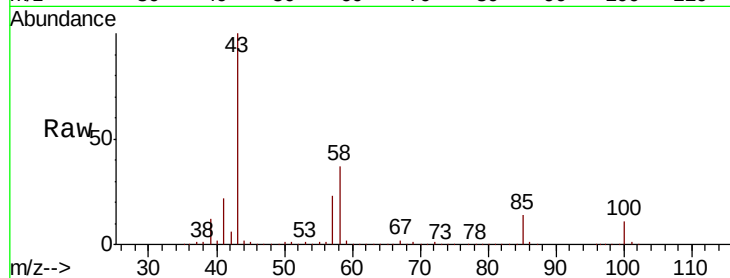




#51
 4-Methyl-2-Pentanone
 Concen: 282.619 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

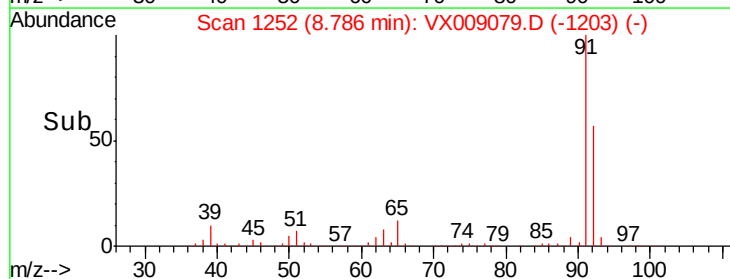
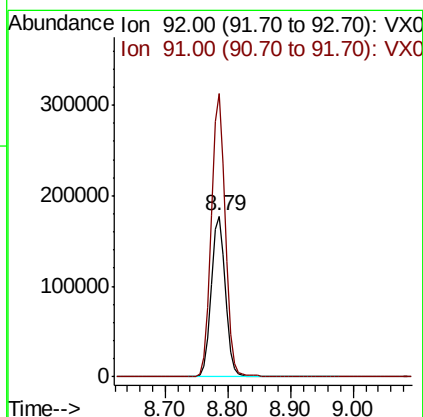
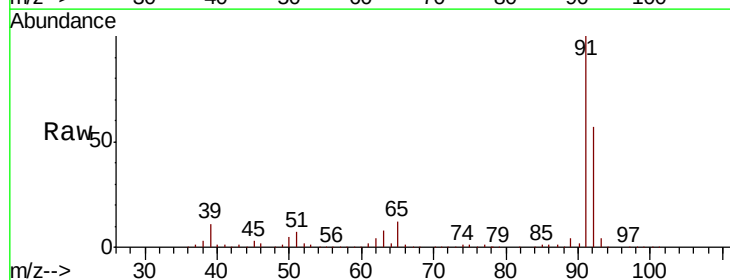
Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MSD

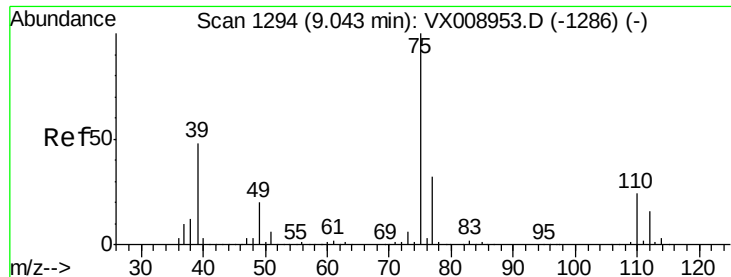
Tot Ion: 43 Resp: 1193696
 Ion Ratio Lower Upper
 43 100
 58 36.6 29.8 44.6



#52
 Toluene
 Concen: 49.143 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Tgt Ion: 92 Resp: 277791
 Ion Ratio Lower Upper
 92 100
 91 174.3 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 50.697 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampled :

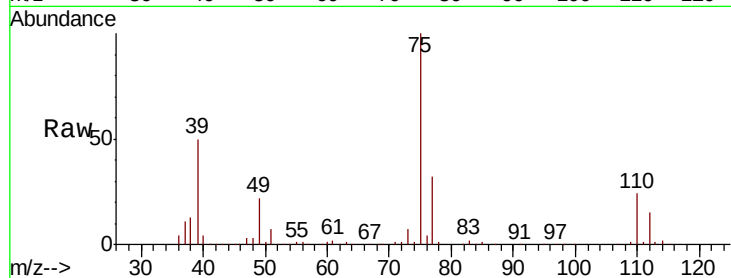
GMW-7MSD

Tot Ion: 75 Resp: 174266

Ion Ratio Lower Upper

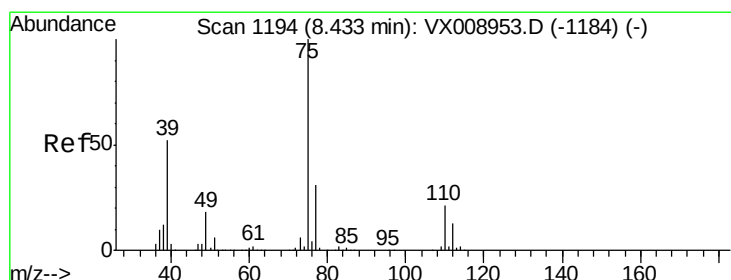
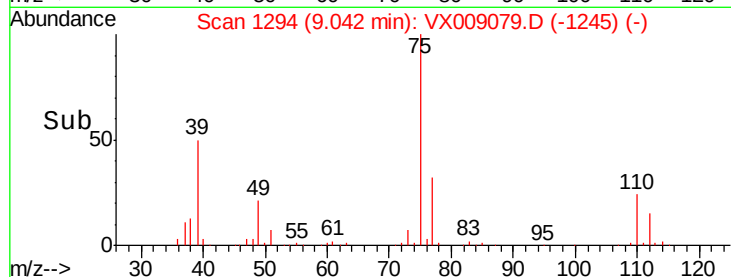
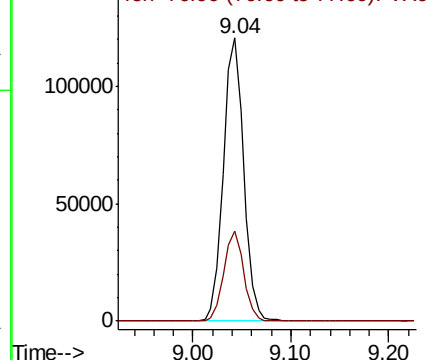
75 100

77 31.9 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 50.639 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

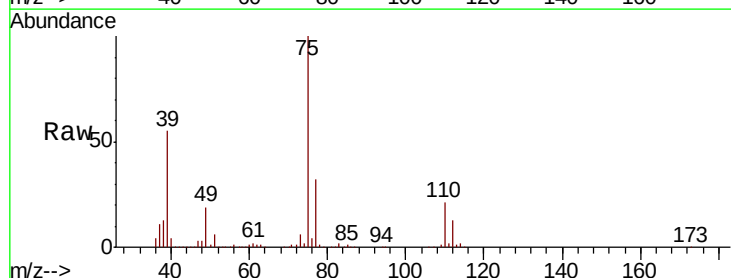
Tgt Ion: 75 Resp: 194906

Ion Ratio Lower Upper

75 100

77 31.8 24.8 37.2

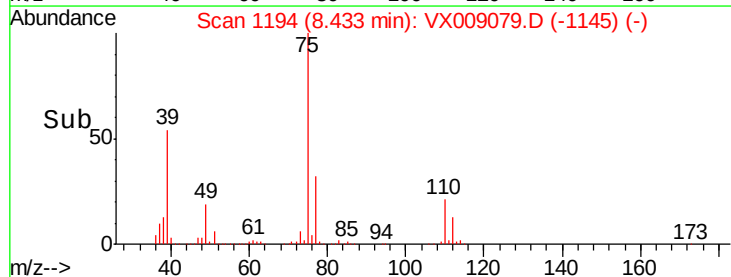
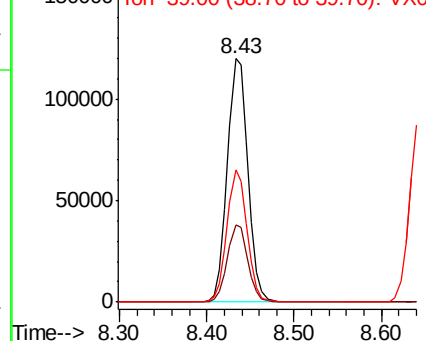
39 54.5 41.8 62.6

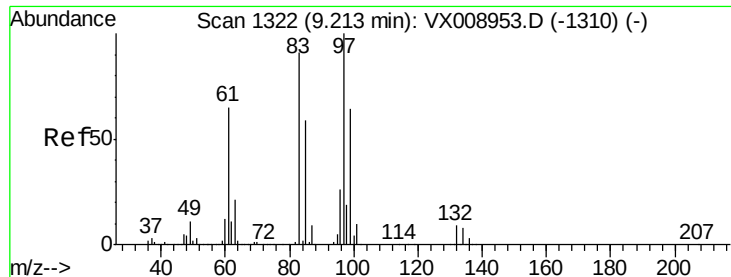


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



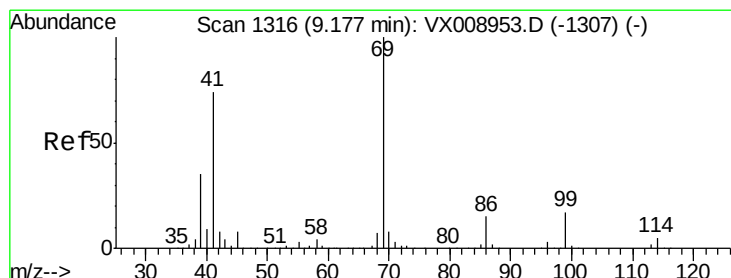
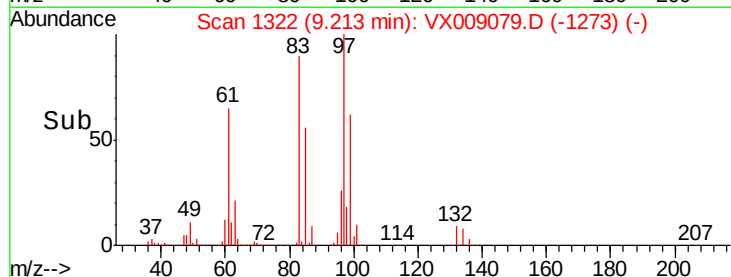
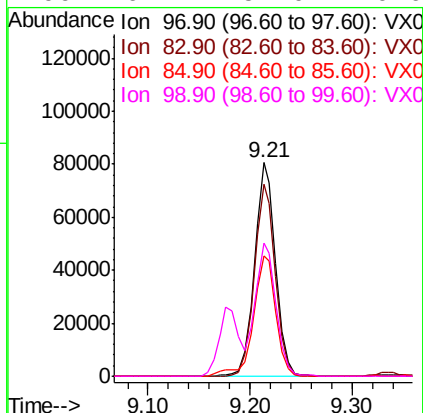
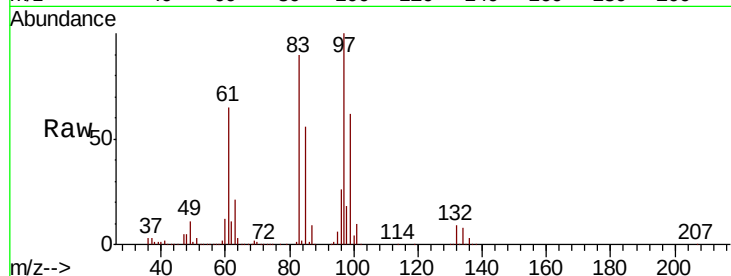


#55
 1,1,2-Trichloroethane
 Concen: 52.054 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MSD

Tot Ion: 97 Resp: 116618

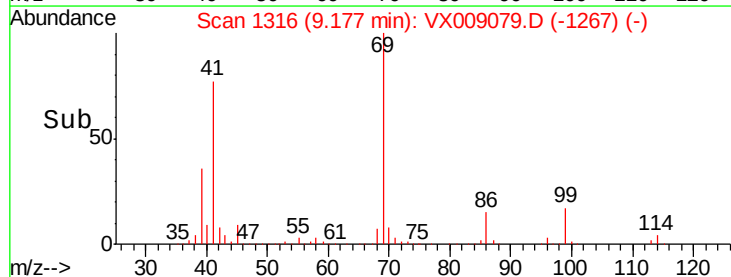
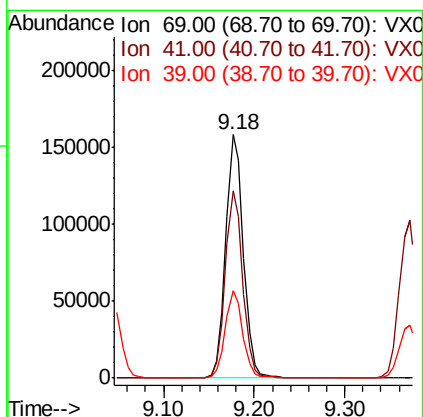
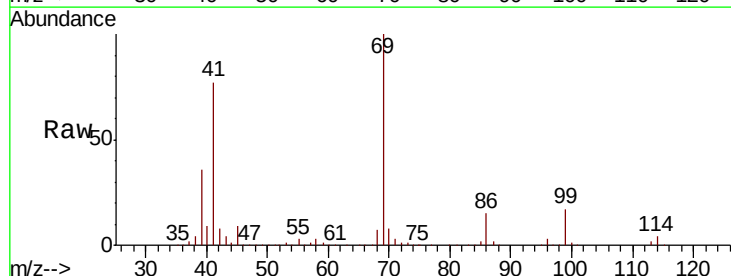
Ion	Ratio	Lower	Upper
97	100		
83	90.0	72.6	108.8
85	56.1	46.9	70.3
99	62.4	51.0	76.6

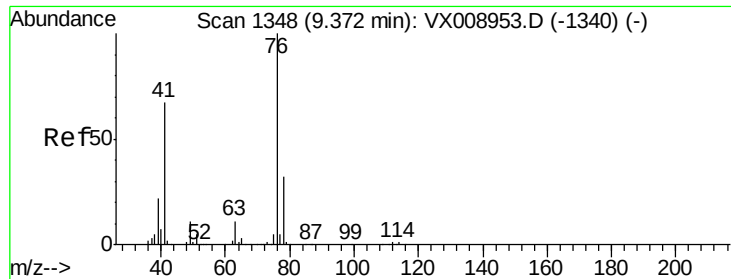


#56
 Ethyl methacrylate
 Concen: 53.303 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Tgt Ion: 69 Resp: 214123

Ion	Ratio	Lower	Upper
69	100		
41	76.3	60.2	90.2
39	35.5	27.9	41.9

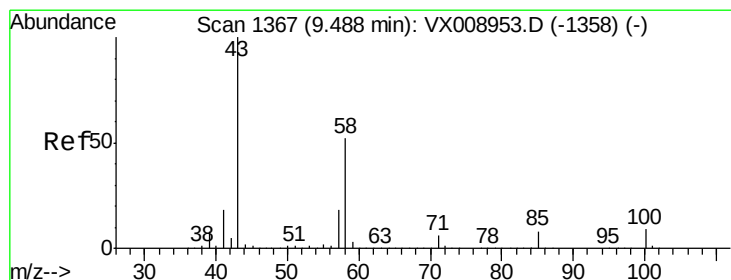
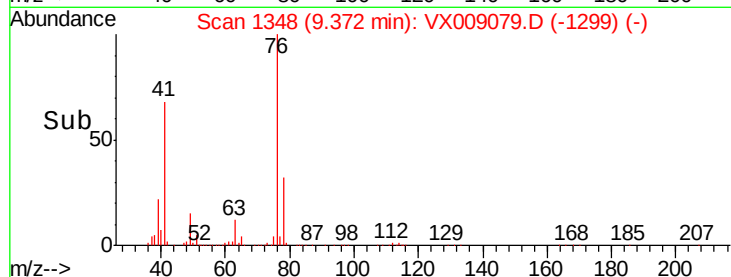
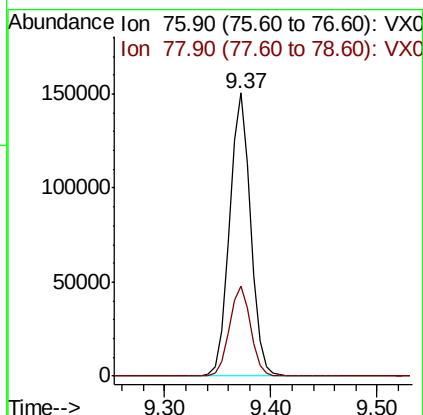
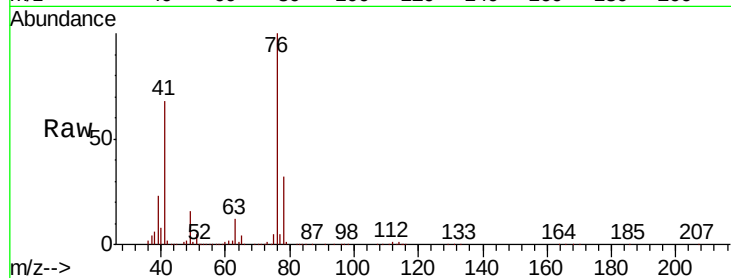




#57
 1,3-Dichloropropane
 Concen: 52.325 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

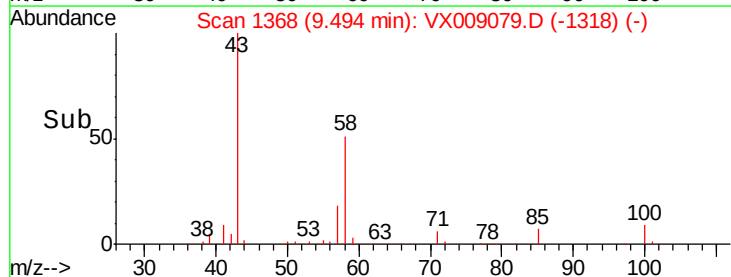
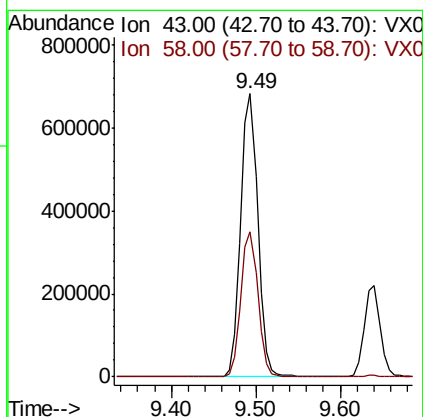
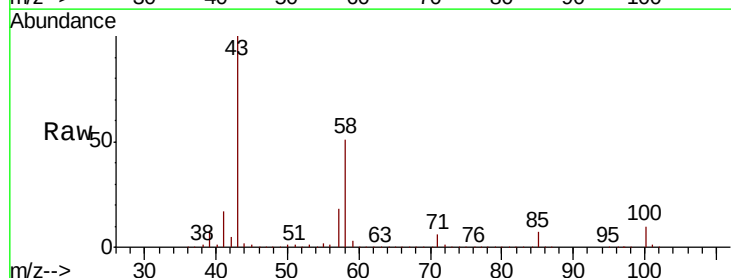
Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MSD

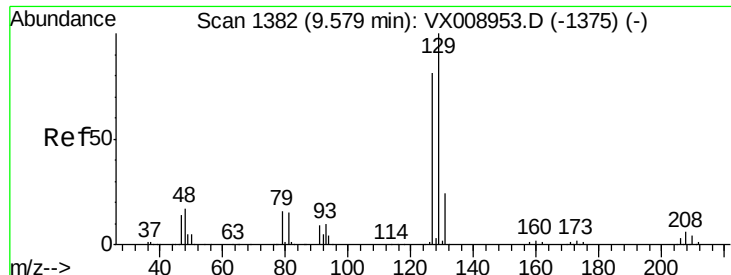
Tot Ion: 76 Resp: 208721
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5



#59
 2-Hexanone
 Concen: 283.454 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Tgt Ion: 43 Resp: 923031
 Ion Ratio Lower Upper
 43 100
 58 51.3 25.9 77.8





#60

Dibromochloromethane

Concen: 53.529 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

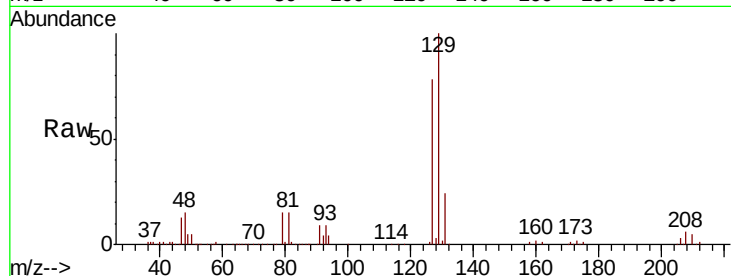
GMW-7MSD

Tot Ion:129 Resp: 114935

Ion Ratio Lower Upper

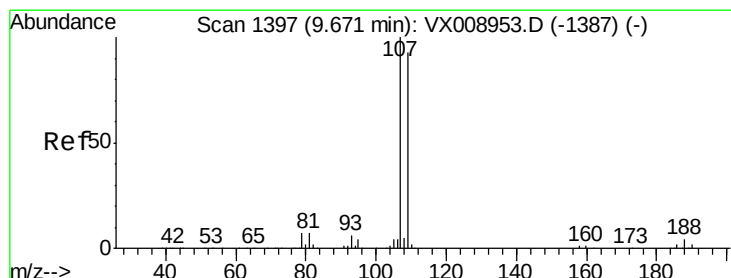
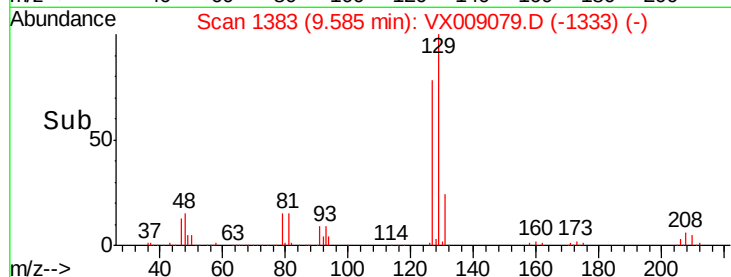
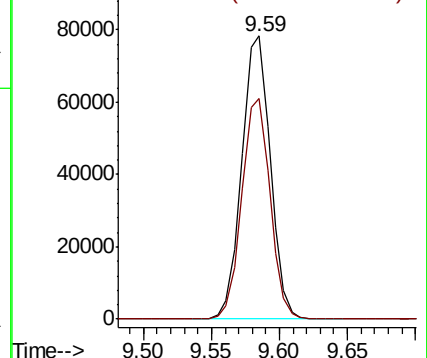
129 100

127 77.1 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 52.056 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009079.D

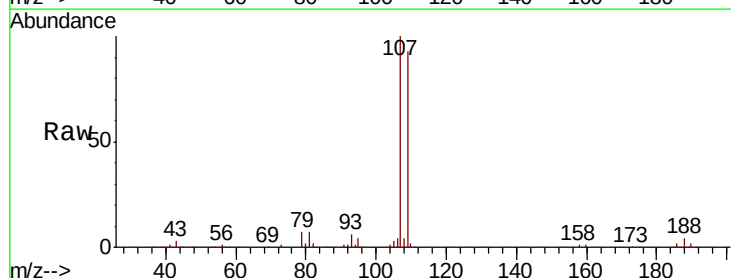
Acq: 19 Apr 2019 18:38

Tgt Ion:107 Resp: 120365

Ion Ratio Lower Upper

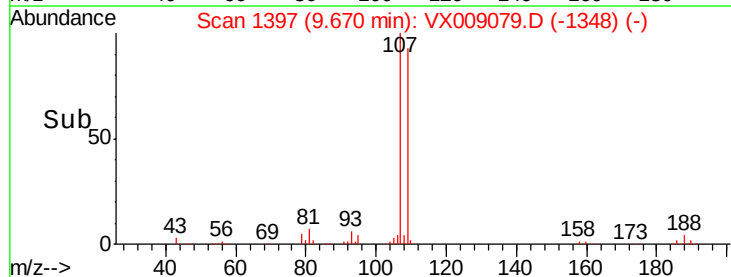
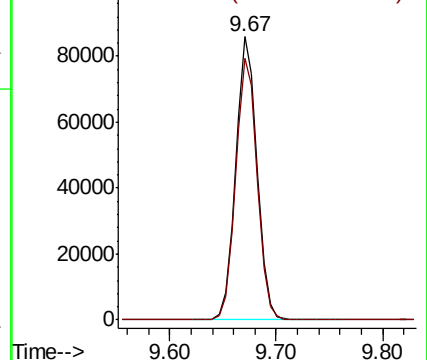
107 100

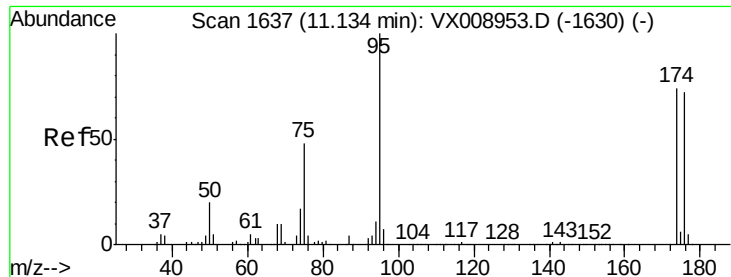
109 93.3 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 50.933 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MSD

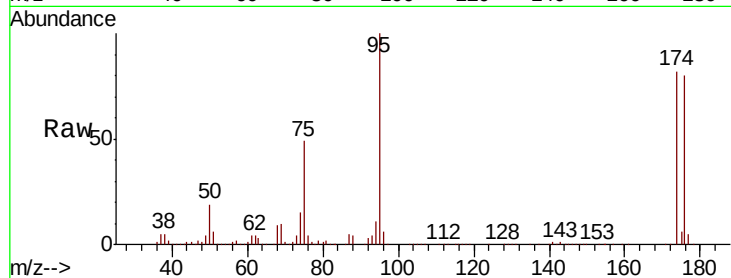
Tot Ion: 95 Resp: 142259

Ion Ratio Lower Upper

95 100

174 79.6 0.0 159.6

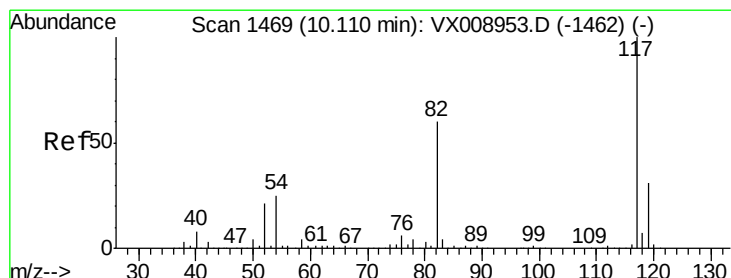
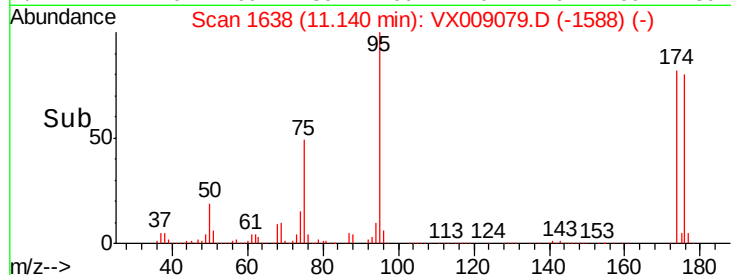
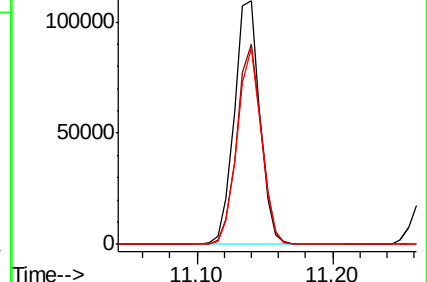
176 77.0 0.0 154.8



Abundance Ion 94.90 (94.60 to 95.60): VX008953.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008953.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008953.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

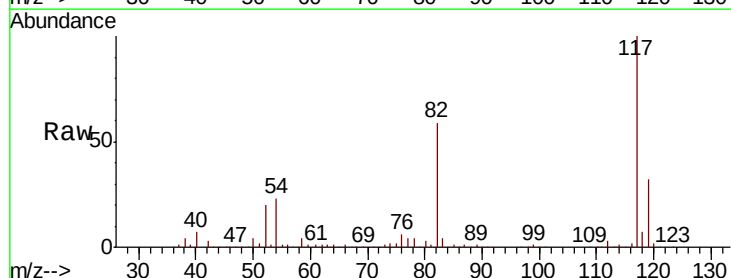
Tgt Ion: 117 Resp: 268967

Ion Ratio Lower Upper

117 100

82 58.8 48.2 72.4

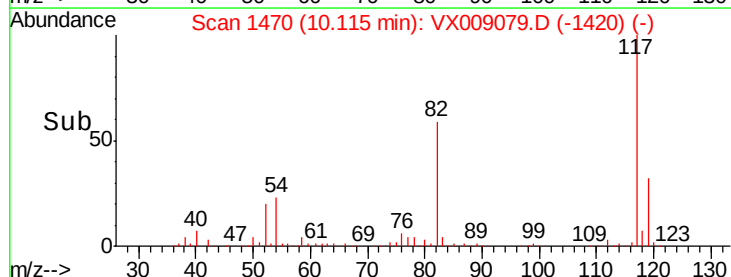
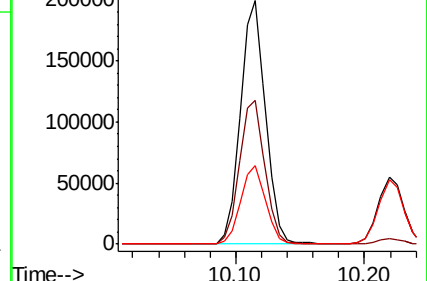
119 32.3 25.0 37.6

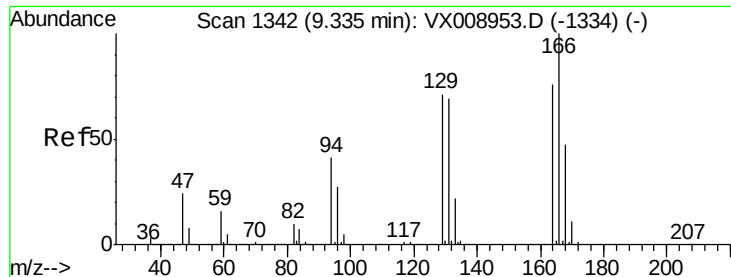


Abundance Ion 116.90 (116.60 to 117.60): VX008953.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008953.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008953.D (-1462) (-)

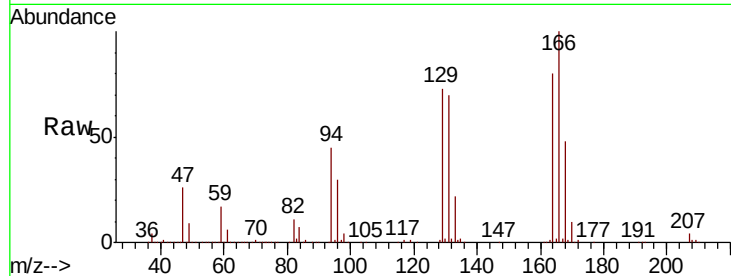




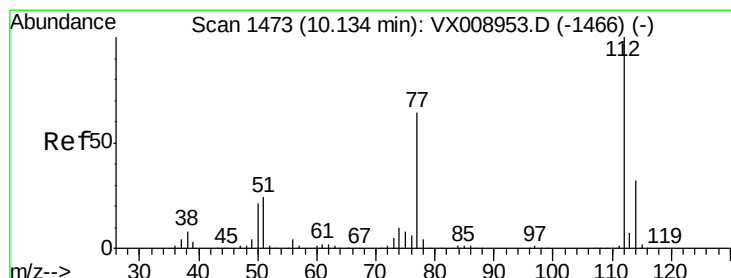
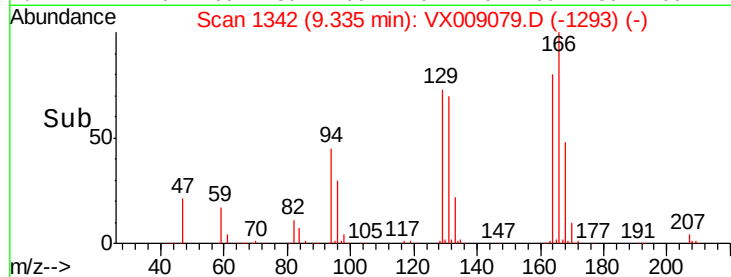
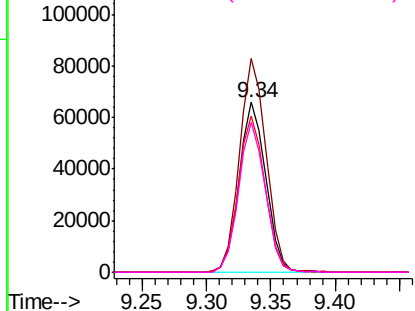
#64
Tetrachloroethene
Concen: 46.232 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Instrument :
MSVOA_X
ClientSampleId :
GMW-7MSD

Tot Ion:164 Resp: 94465
Ion Ratio Lower Upper
164 100
166 125.6 105.0 157.4
129 91.6 74.2 111.4
131 88.0 72.2 108.2

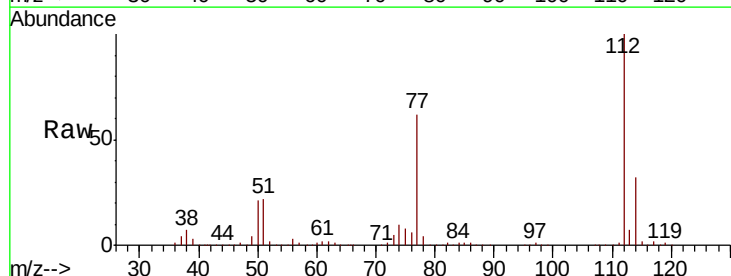


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

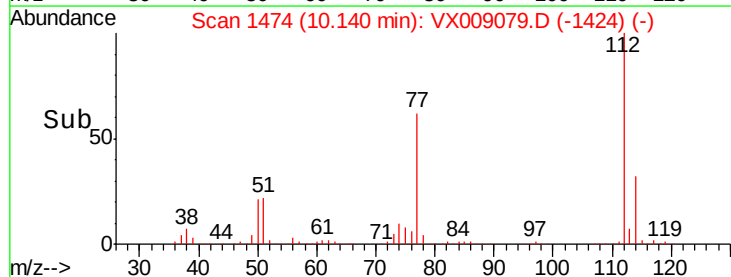
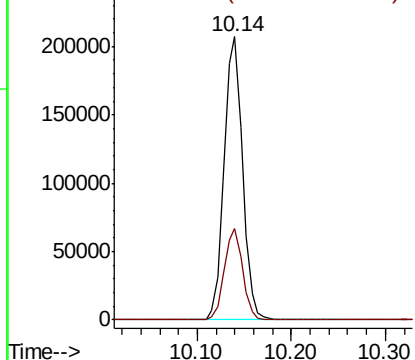


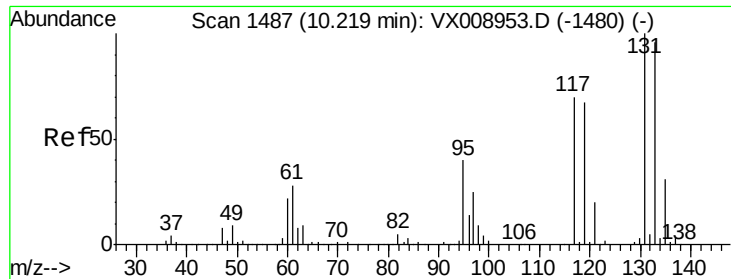
#65
Chlorobenzene
Concen: 49.519 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Tgt Ion:112 Resp: 281131
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

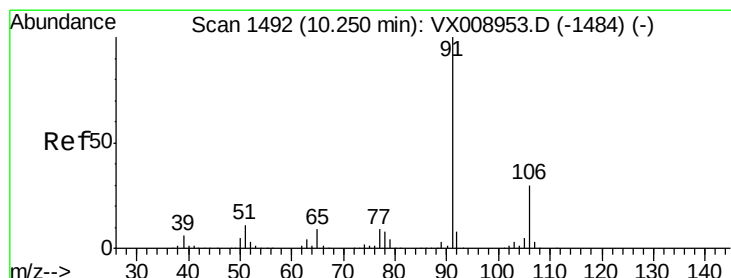
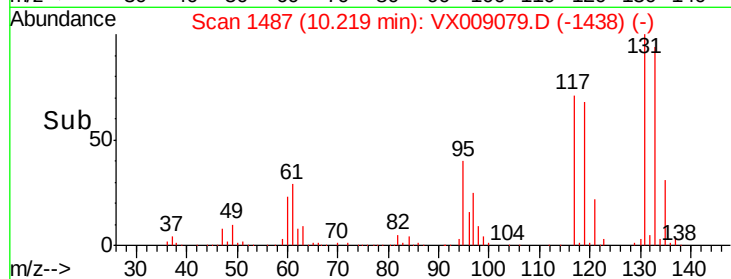
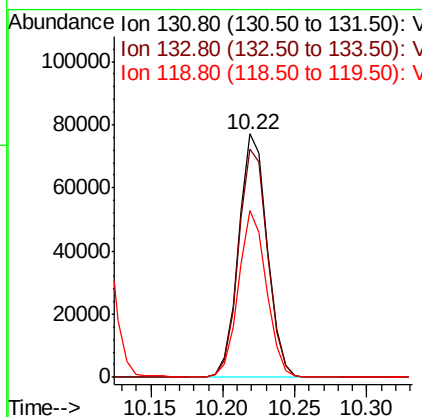
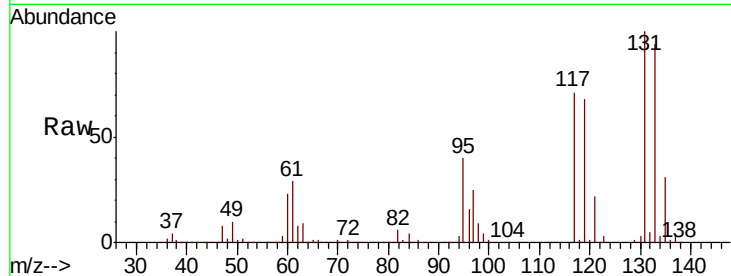




#66
 1,1,1,2-Tetrachloroethane
 Concen: 52.971 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

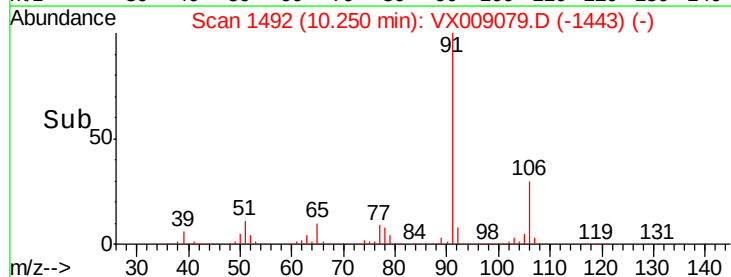
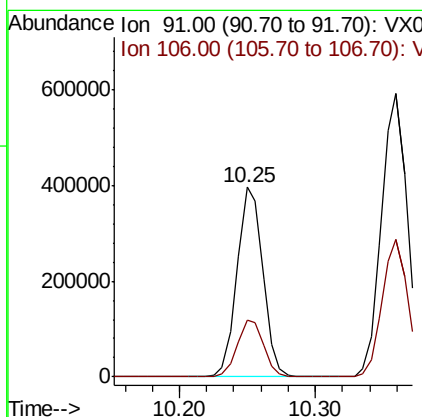
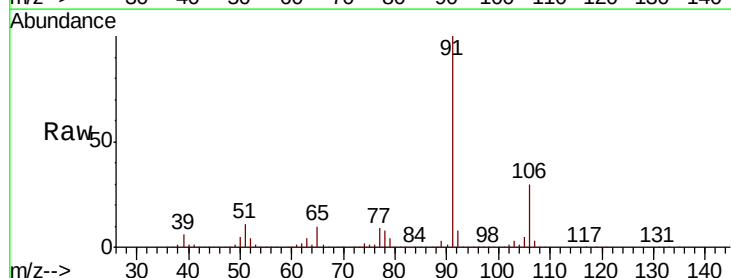
Instrument :
 MSVOA_X
 ClientSampled :
 GMW-7MSD

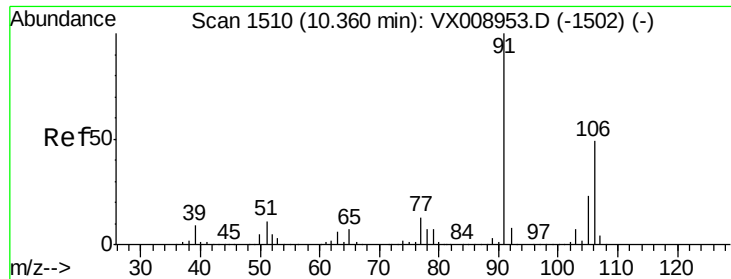
Tot Ion:131 Resp: 105941
 Ion Ratio Lower Upper
 131 100
 133 95.3 48.0 144.2
 119 67.1 33.7 101.1



#67
 Ethyl Benzene
 Concen: 50.622 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Tgt Ion: 91 Resp: 525364
 Ion Ratio Lower Upper
 91 100
 106 29.7 24.3 36.5

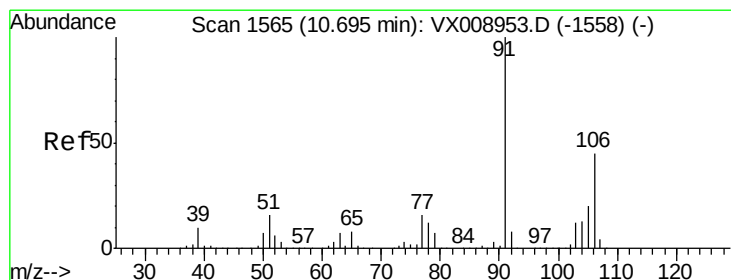
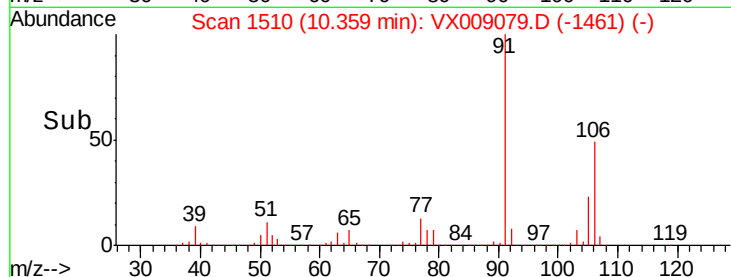
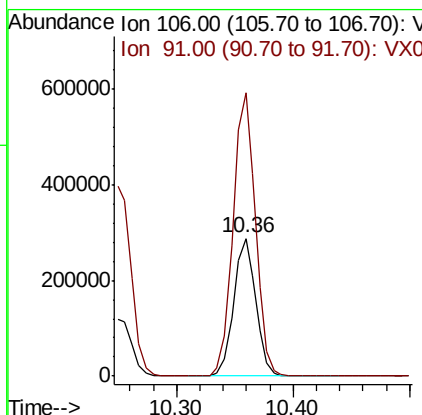
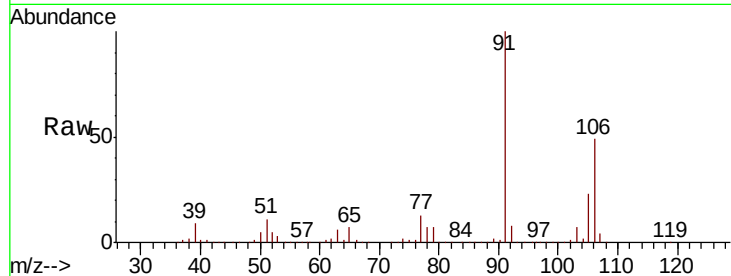




#68
m/p-Xylenes
Concen: 100.428 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

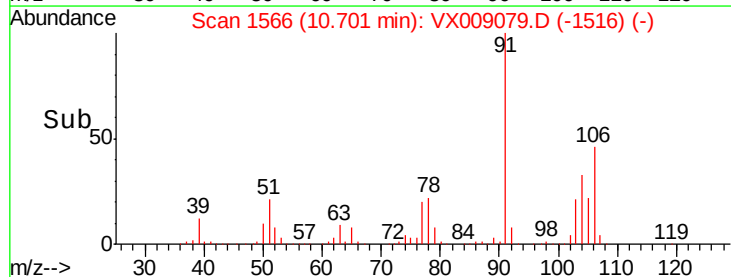
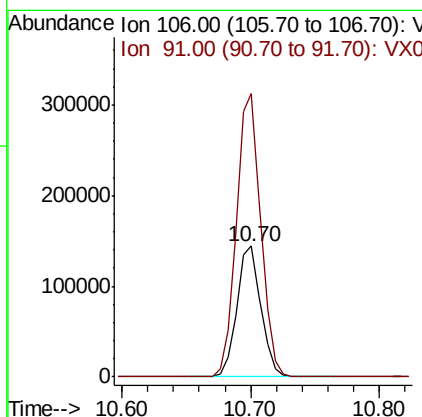
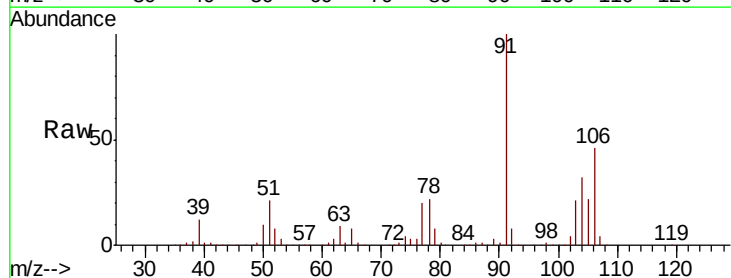
Instrument :
MSVOA_X
ClientSampleId :
GMW-7MSD

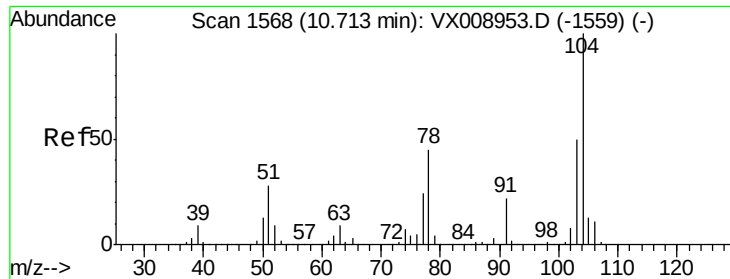
Tot Ion:106 Resp: 378778
Ion Ratio Lower Upper
106 100
91 208.7 165.4 248.2



#69
o-Xylene
Concen: 50.877 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Tgt Ion:106 Resp: 186712
Ion Ratio Lower Upper
106 100
91 219.2 108.9 326.7

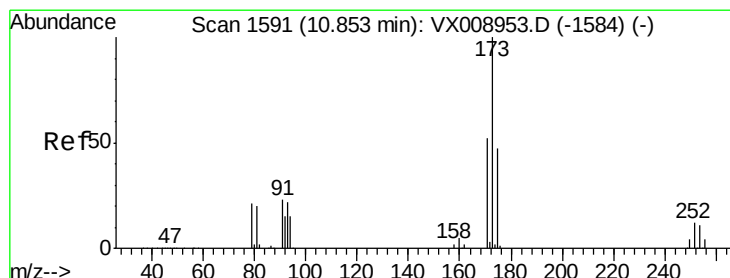
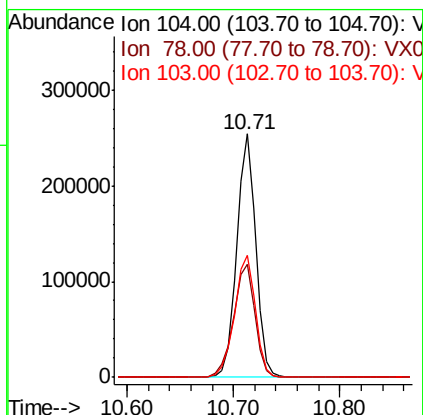
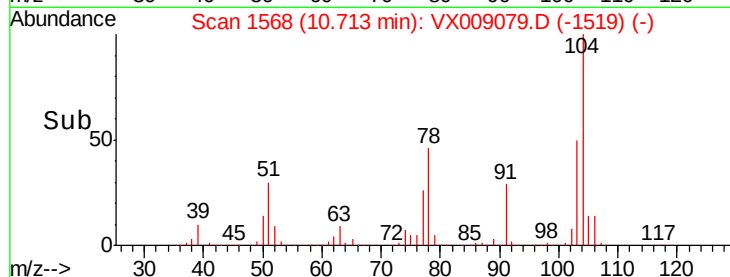
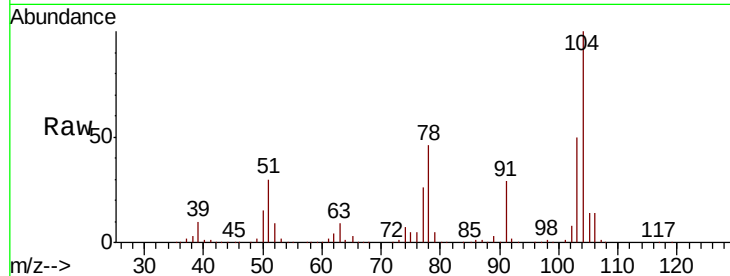




#70
Stvrene
Concen: 50.177 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

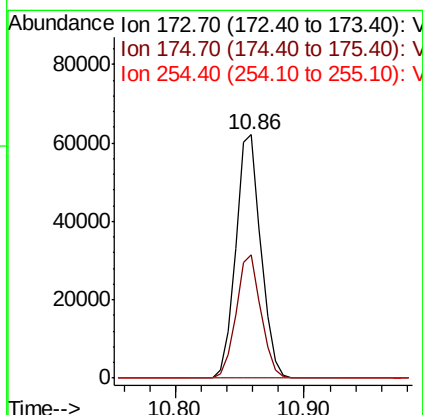
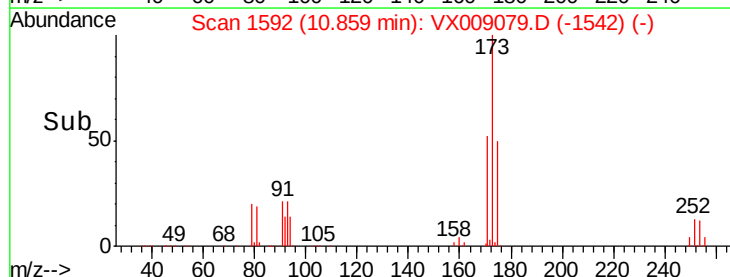
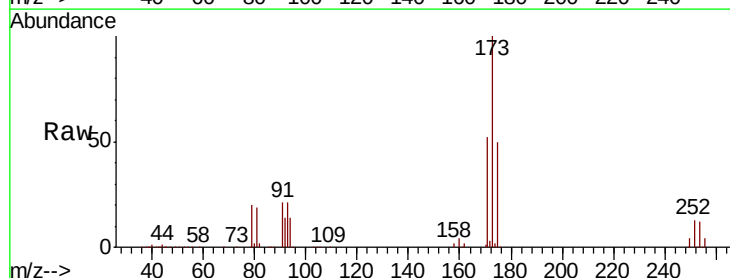
Instrument :
MSVOA_X
ClientSampled :
GMW-7MSD

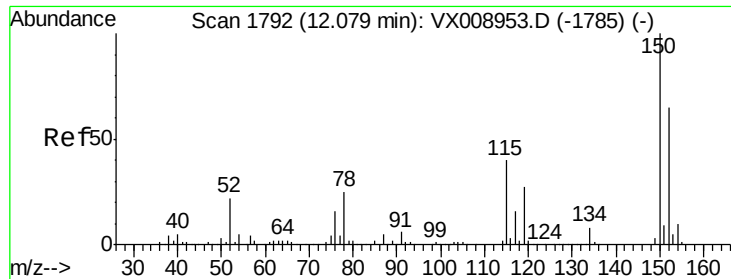
Tot Ion:104 Resp: 319104
Ion Ratio Lower Upper
104 100
78 52.5 41.2 61.8
103 55.5 43.9 65.9



#71
Bromoform
Concen: 52.762 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.01 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Tgt Ion:173 Resp: 84068
Ion Ratio Lower Upper
173 100
175 50.0 23.9 71.8
254 0.2 0.2 0.4#



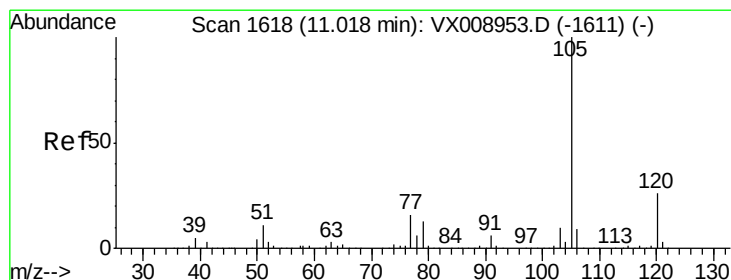
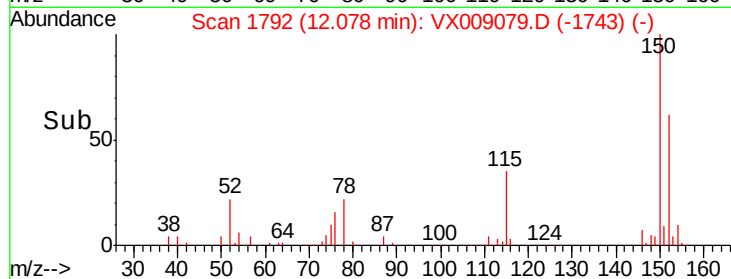
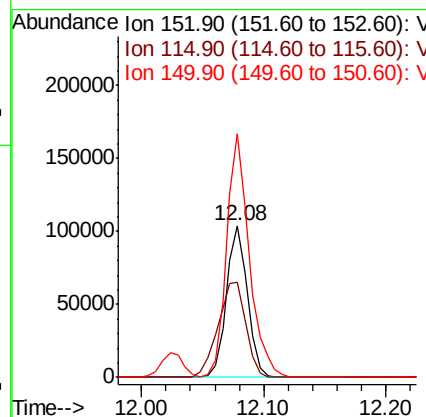
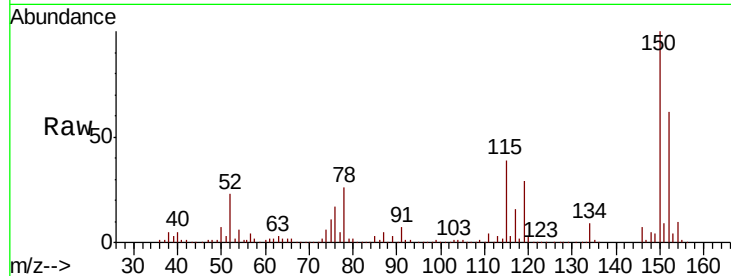


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Instrument :
MSVOA_X
ClientSampleId :
GMW-7MSD

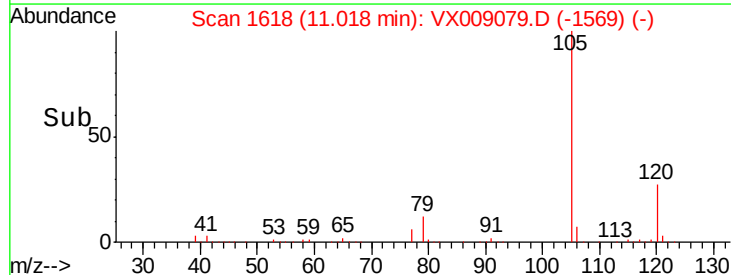
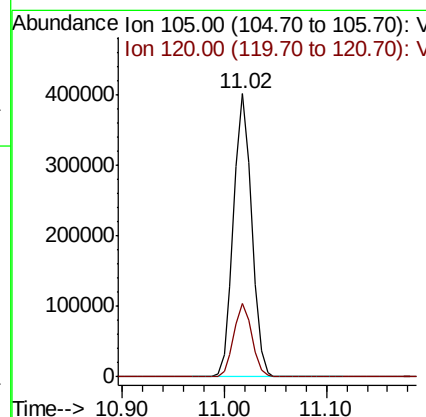
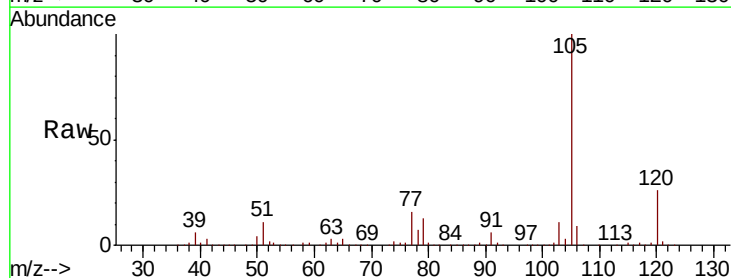
Tot Ion:152 Resp: 122893
Ion Ratio Lower Upper
152 100
115 84.2 41.4 124.2
150 173.9 0.0 349.8

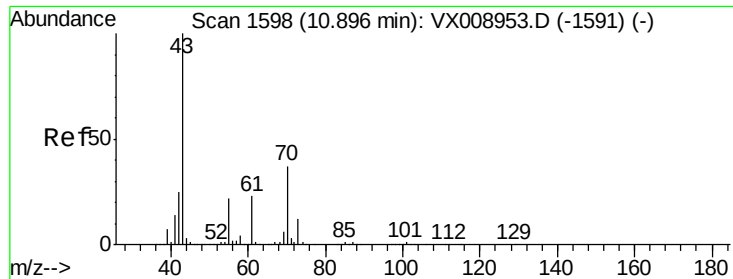


#73

Isopropylbenzene
Concen: 52.902 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Tgt Ion:105 Resp: 492792
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7





#74

N-amvl acetate

Concen: 52.175 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MSD

Tot Ion: 43 Resp: 279063

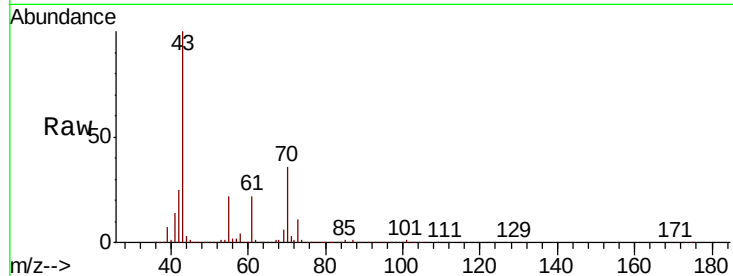
Ion Ratio Lower Upper

43 100

70 37.0 29.9 44.9

55 22.4 17.8 26.8

61 22.4 18.3 27.5

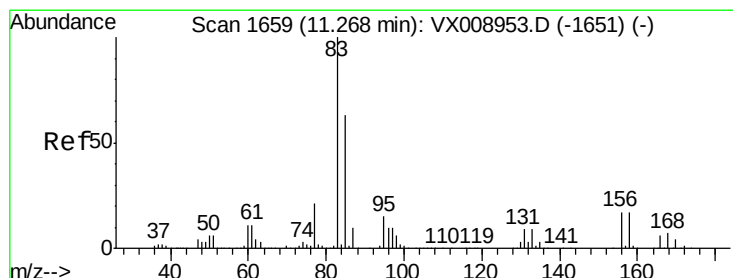
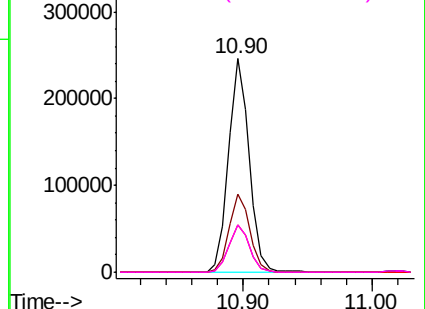
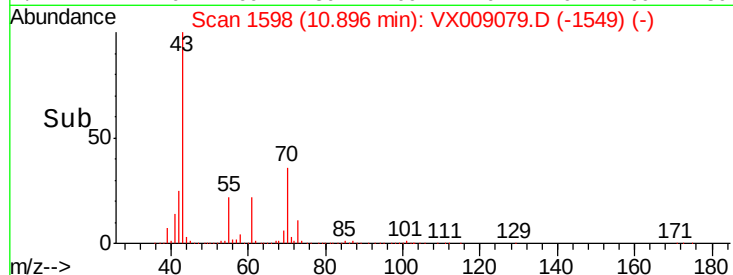


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 56.321 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

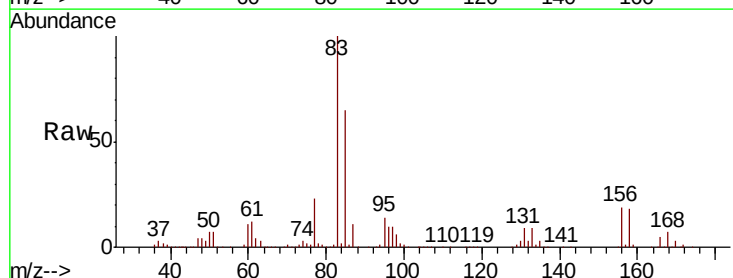
Tgt Ion: 83 Resp: 191691

Ion Ratio Lower Upper

83 100

131 9.2 4.7 14.0

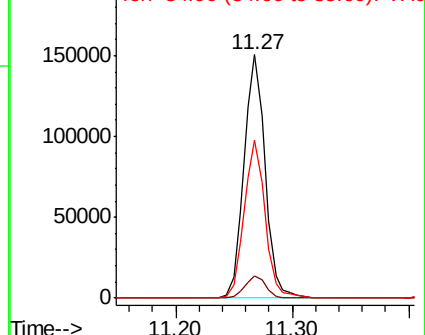
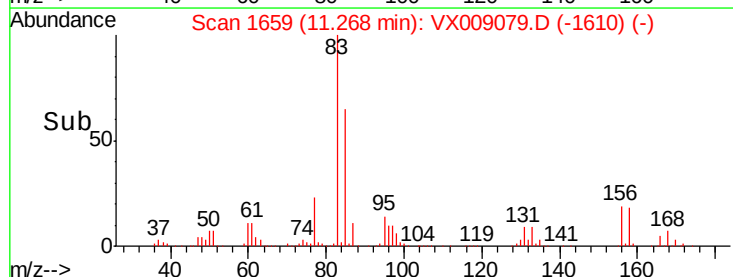
85 64.2 31.9 95.9

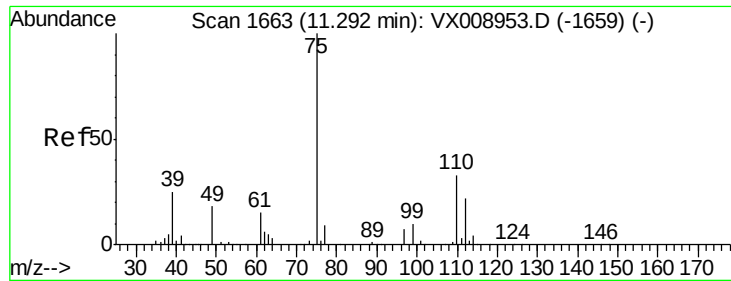


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

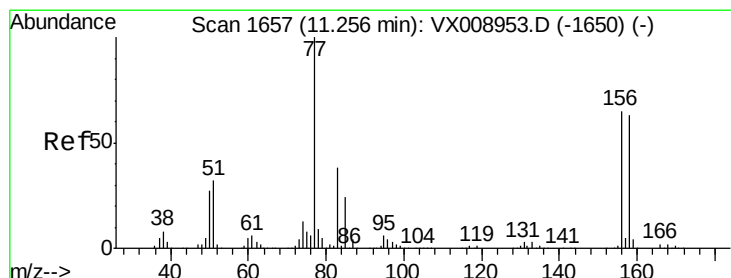
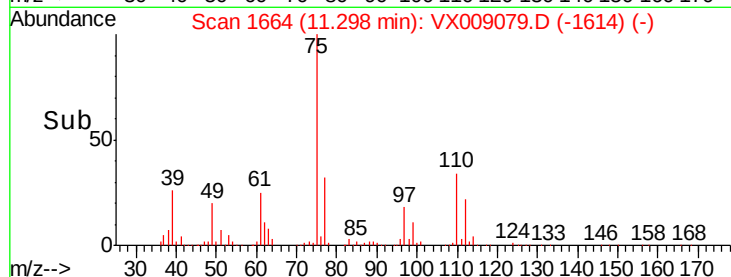
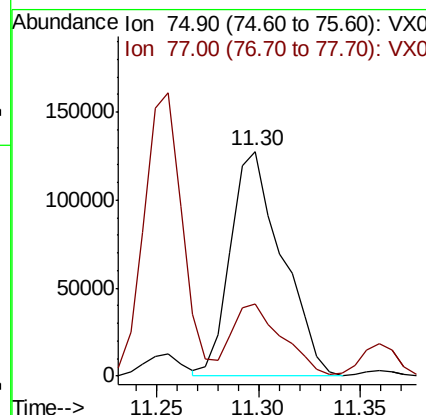
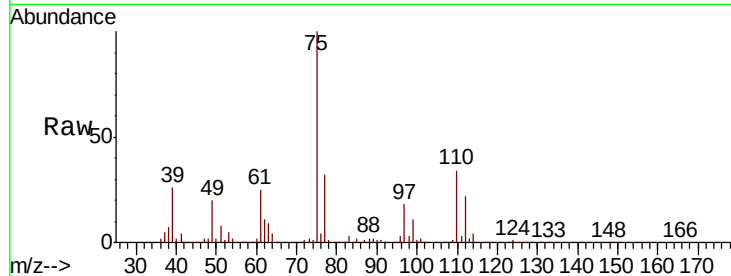




#76
 1,2,3-Trichloropropane
 Concen: 74.046 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

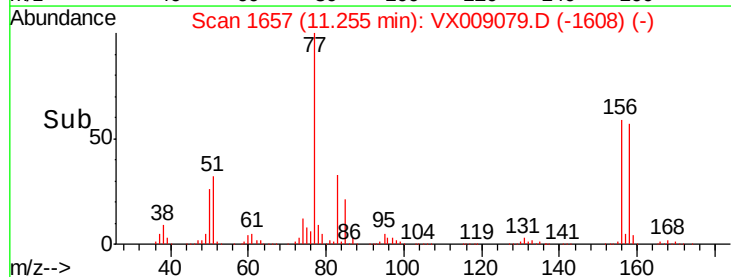
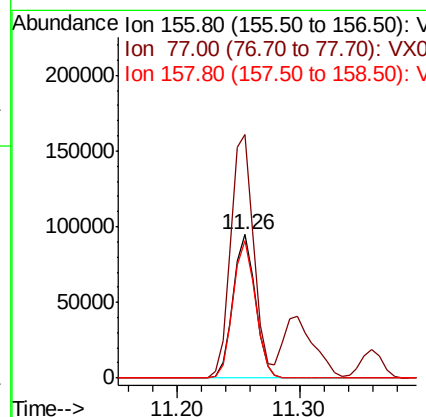
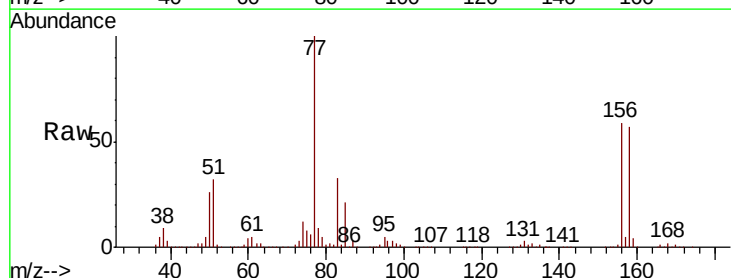
Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MSD

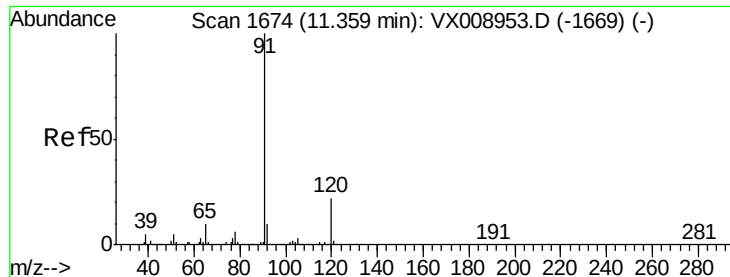
Tot Ion: 75 Resp: 222199
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.7 68.0



#77
 Bromobenzene
 Concen: 50.644 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Tgt Ion: 156 Resp: 119028
 Ion Ratio Lower Upper
 156 100
 77 177.0 85.4 256.1
 158 96.4 48.8 146.4





#78

n-propylbenzene

Concen: 52.574 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampled :

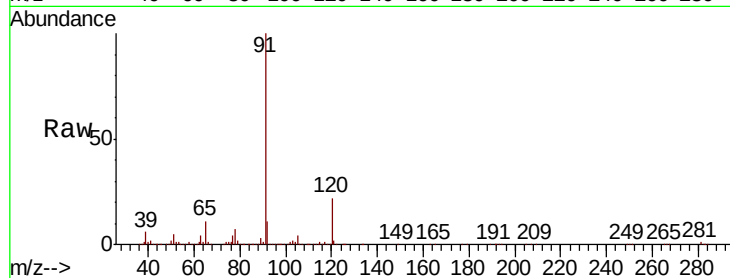
GMW-7MSD

Tot Ion: 91 Resp: 562108

Ion Ratio Lower Upper

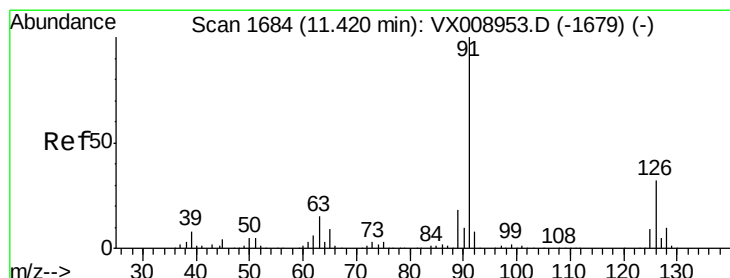
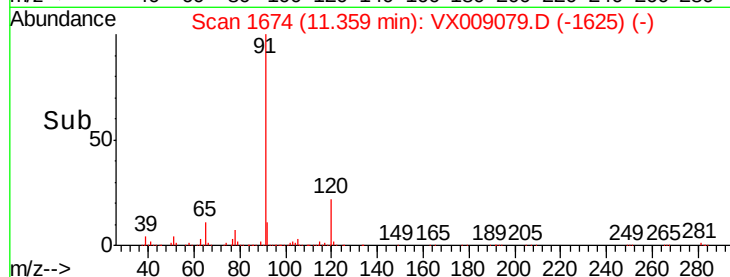
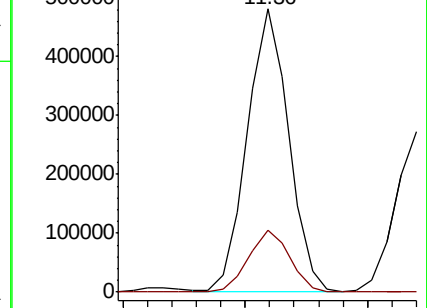
91 100

120 22.0 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 51.767 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009079.D

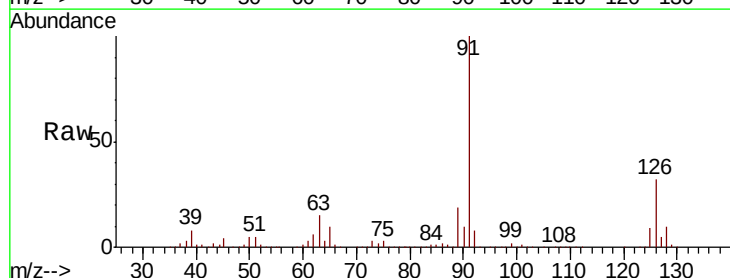
Acq: 19 Apr 2019 18:38

Tgt Ion: 91 Resp: 333525

Ion Ratio Lower Upper

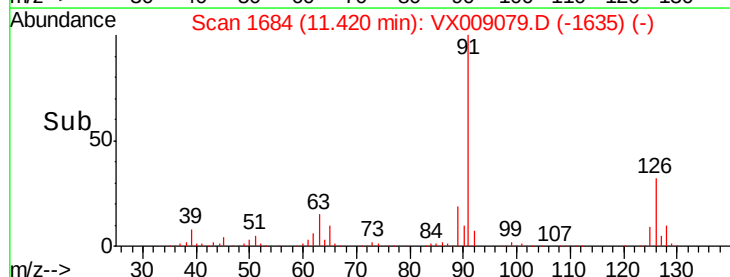
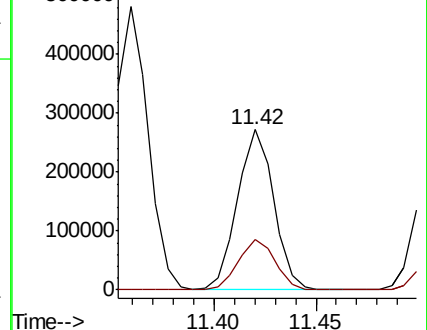
91 100

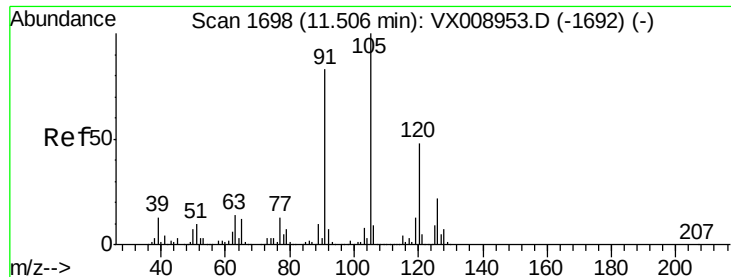
126 32.3 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

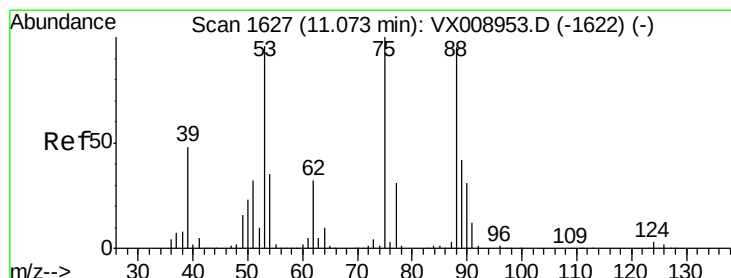
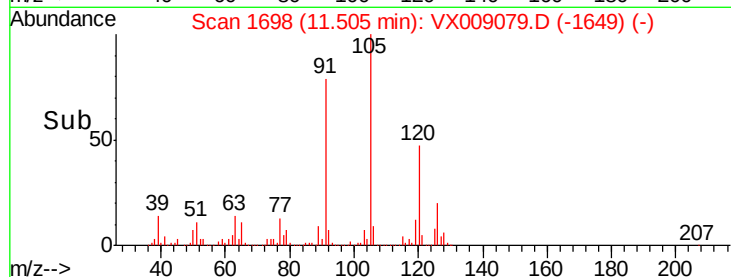
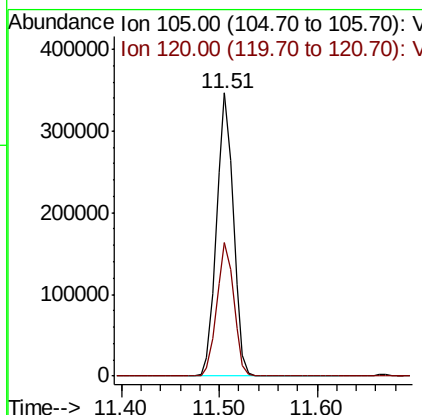
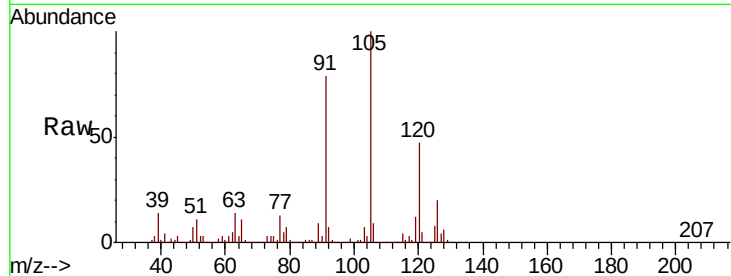




#80
 1,3,5-Trimethylbenzene
 Concen: 52.904 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

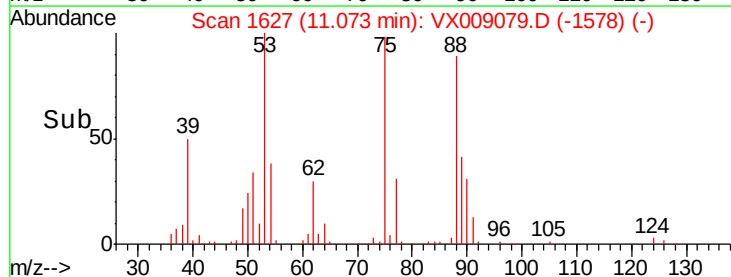
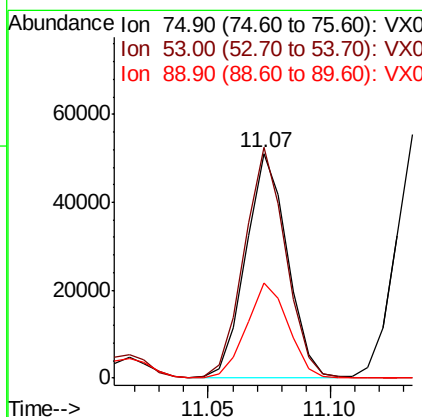
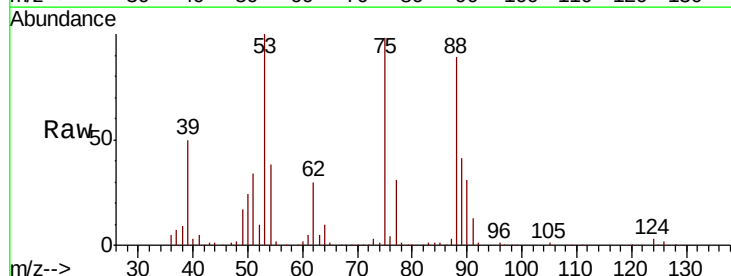
Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MSD

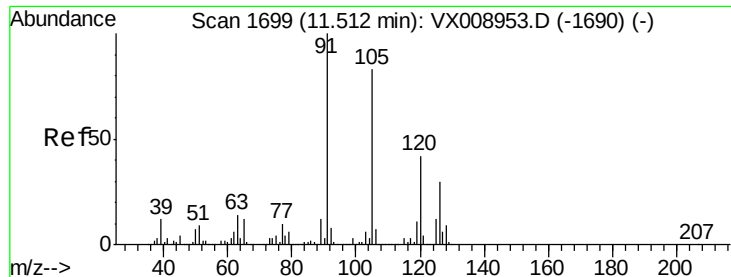
Tot Ion:105 Resp: 413541
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.1 72.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.444 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Tgt Ion: 75 Resp: 60131
 Ion Ratio Lower Upper
 75 100
 53 102.2 78.2 117.4
 89 42.9 36.0 54.0

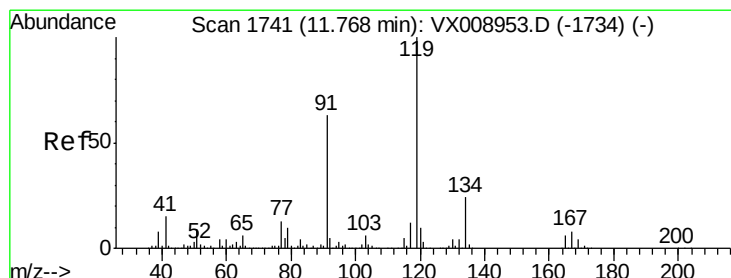
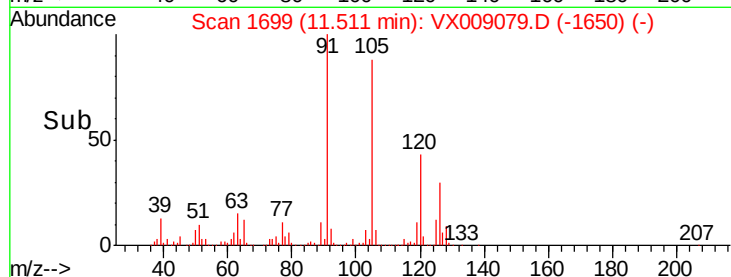
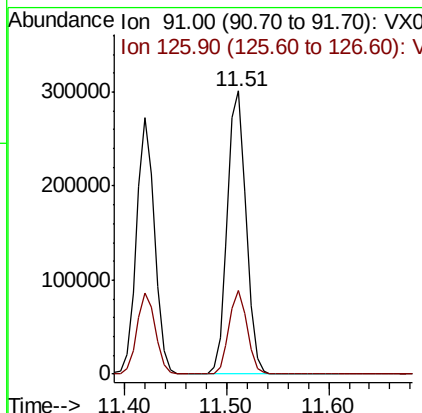
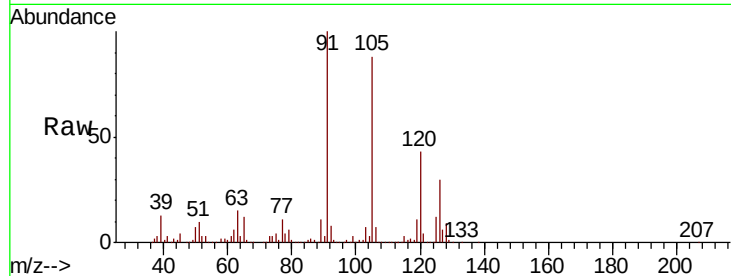




#82
4-Chlorotoluene
Concen: 51.031 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

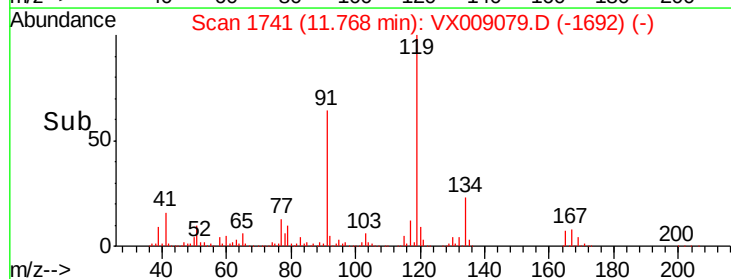
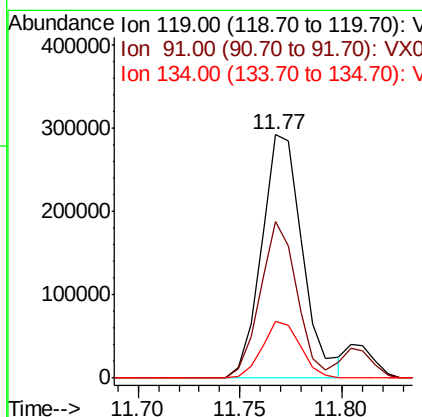
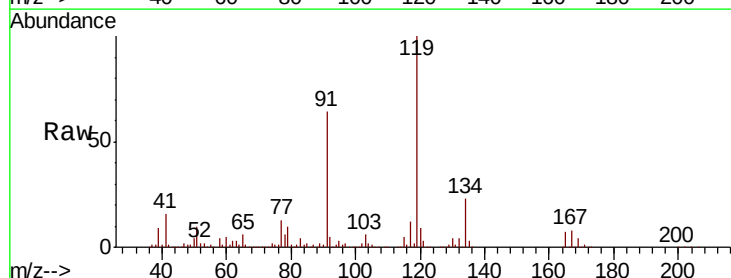
Instrument :
MSVOA_X
ClientSampled :
GMW-7MSD

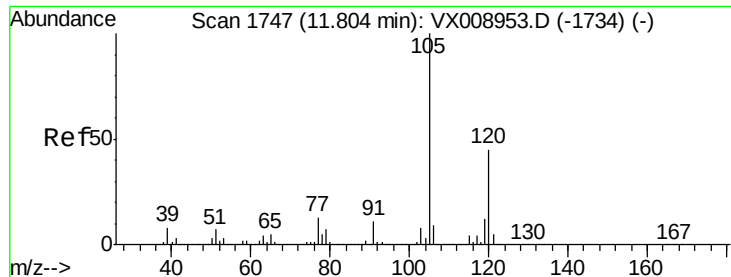
Tot Ion: 91 Resp: 381846
Ion Ratio Lower Upper
91 100
126 28.7 14.3 42.9



#83
tert-Butylbenzene
Concen: 54.452 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Tgt Ion: 119 Resp: 408653
Ion Ratio Lower Upper
119 100
91 57.9 29.7 89.1
134 21.8 11.2 33.5

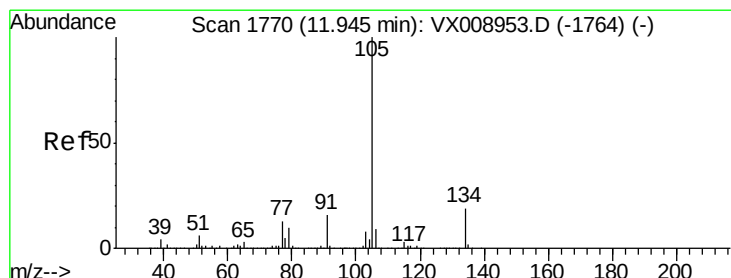
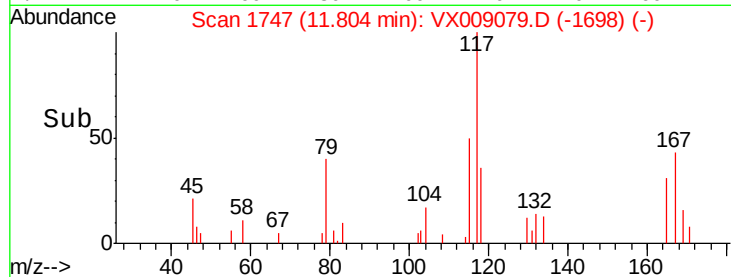
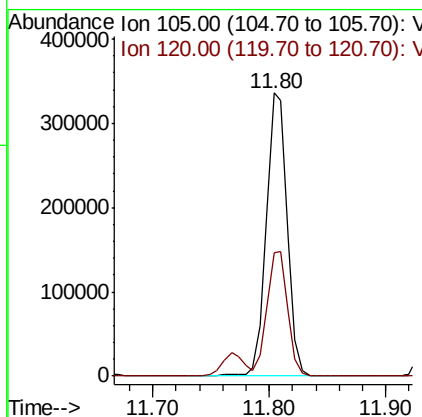
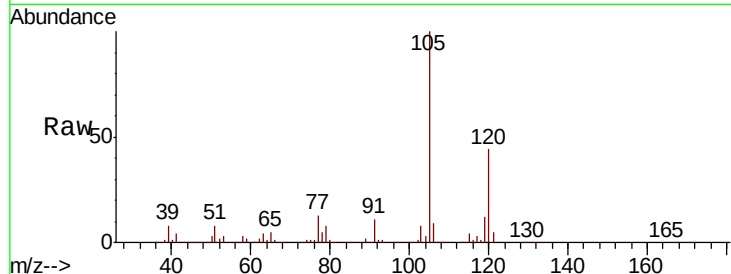




#84
 1,2,4-Trimethylbenzene
 Concen: 52.593 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

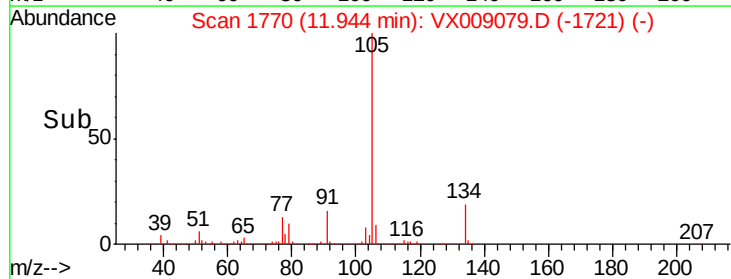
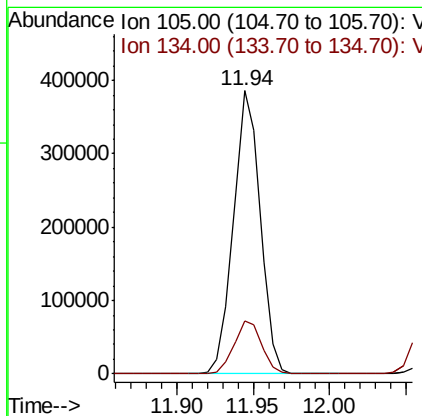
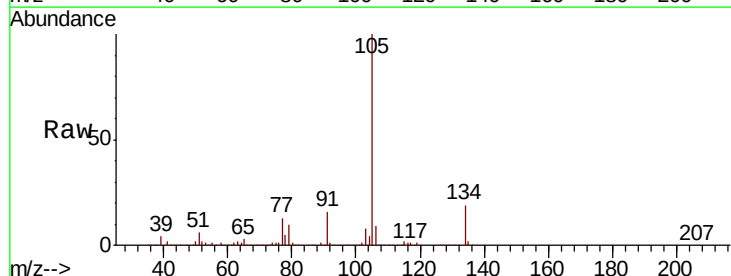
Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MSD

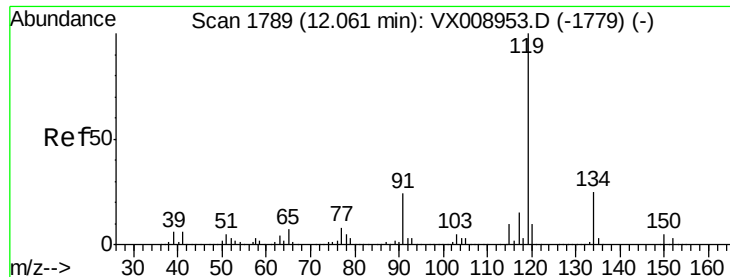
Tot Ion:105 Resp: 418476
 Ion Ratio Lower Upper
 105 100
 120 43.7 21.9 65.8



#85
 sec-Butylbenzene
 Concen: 52.243 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Tgt Ion:105 Resp: 467614
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.6

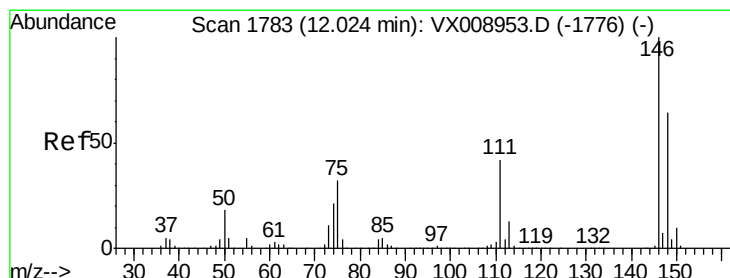
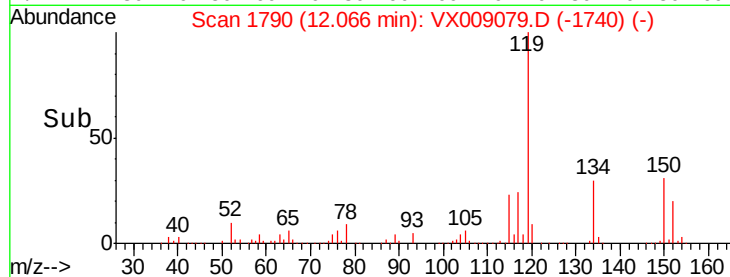
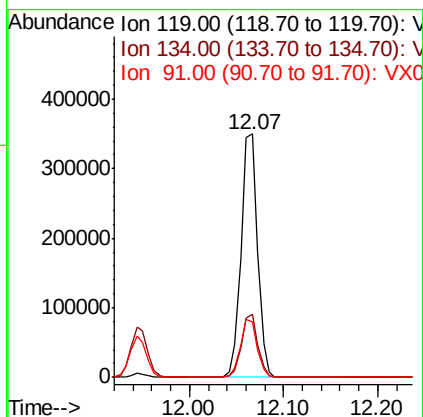
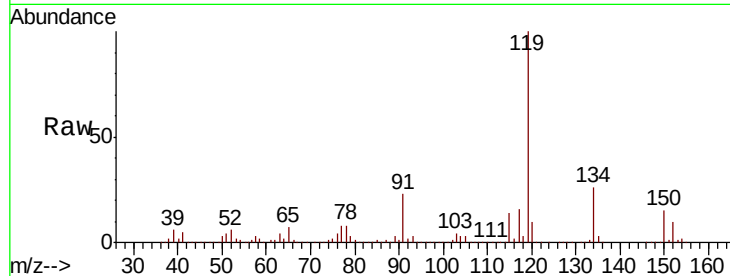




#86
p-Isopropyltoluene
Concen: 51.626 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.01 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

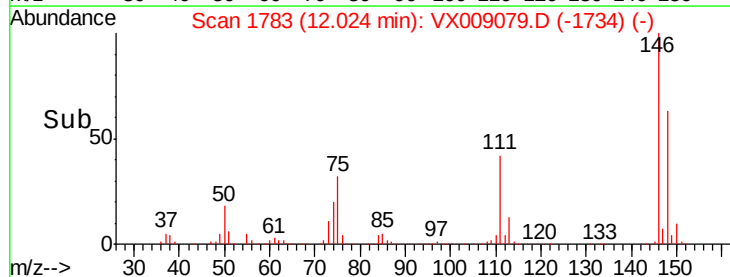
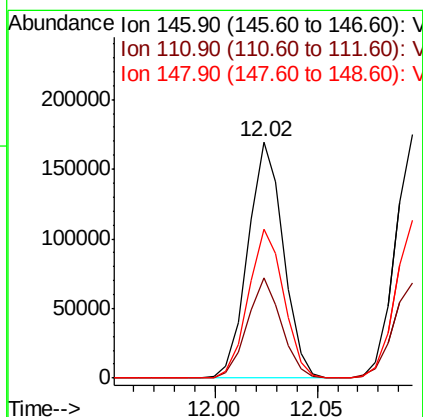
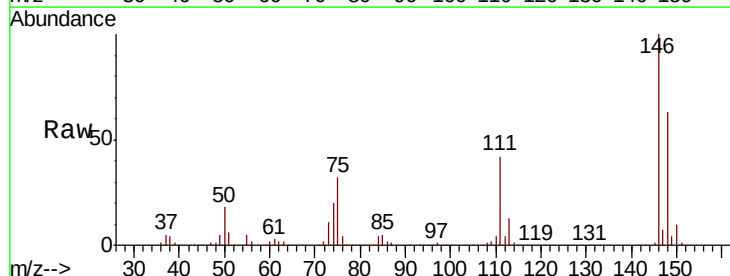
Instrument :
MSVOA_X
ClientSampleId :
GMW-7MSD

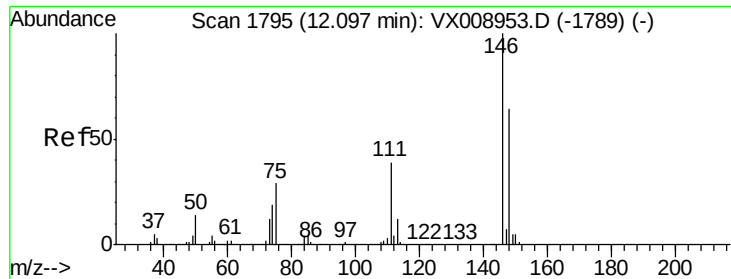
Tot Ion:119 Resp: 424845
Ion Ratio Lower Upper
119 100
134 25.6 12.9 38.6
91 23.9 11.9 35.5



#87
1,3-Dichlorobenzene
Concen: 49.723 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX009079.D
Acq: 19 Apr 2019 18:38

Tgt Ion:146 Resp: 204539
Ion Ratio Lower Upper
146 100
111 40.8 20.5 61.6
148 63.3 32.2 96.6

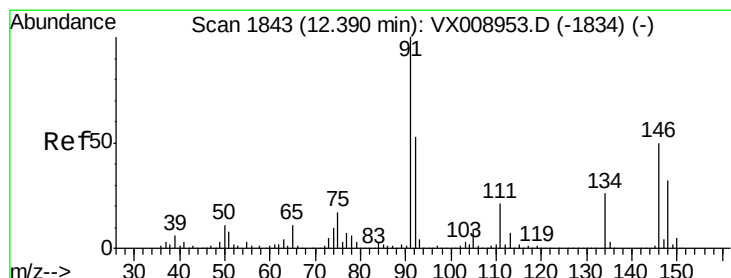
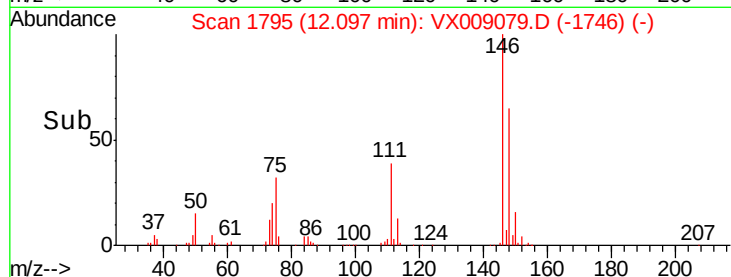
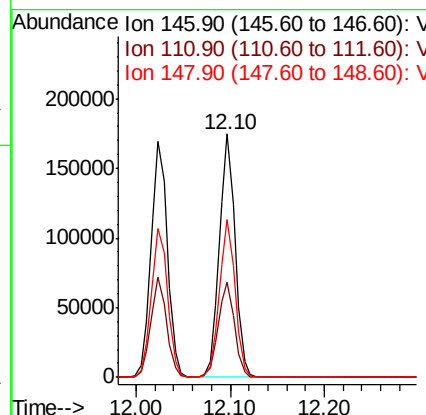
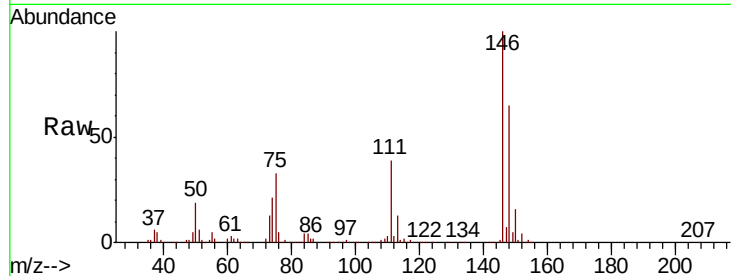




#88
 1,4-Dichlorobenzene
 Concen: 48.738 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

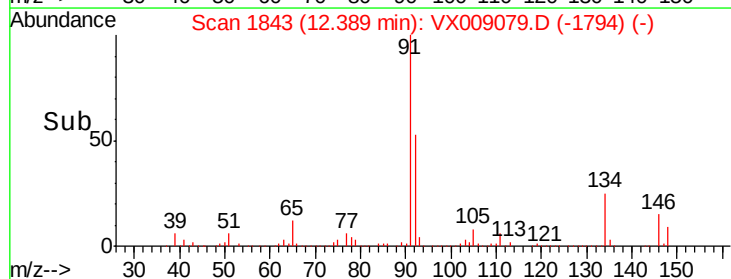
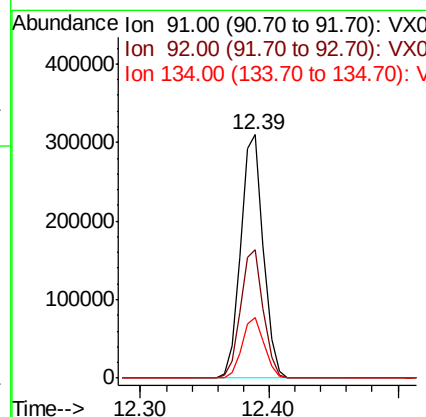
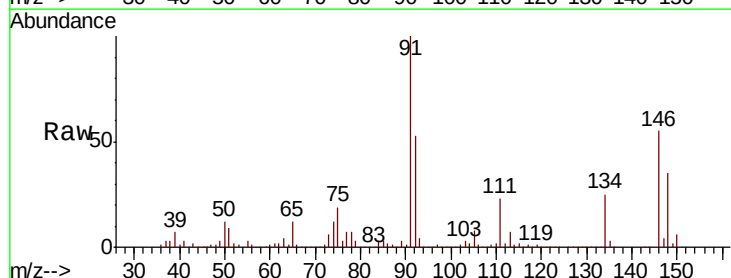
Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MSD

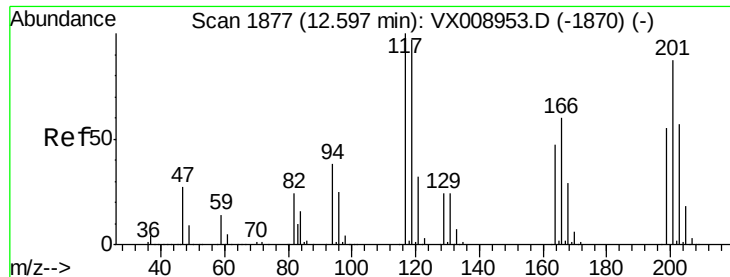
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	59.9
148	64.4	32.2	96.6



#89
 n-Butylbenzene
 Concen: 49.267 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.6	79.8
134	24.5	12.4	37.2





#90

Hexachloroethane

Concen: 53.188 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

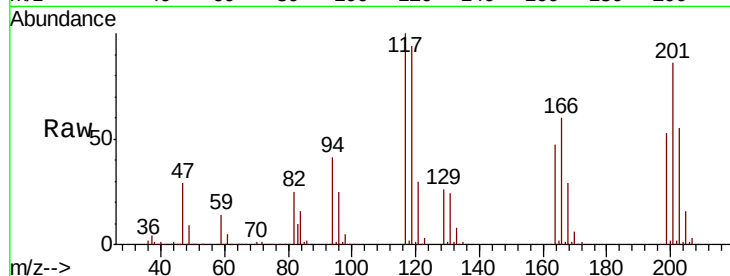
GMW-7MSD

Tot Ion:117 Resp: 72200

Ion Ratio Lower Upper

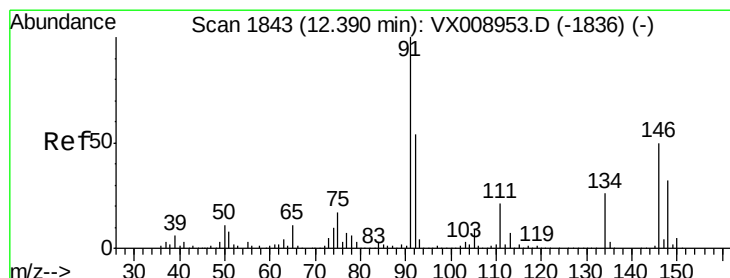
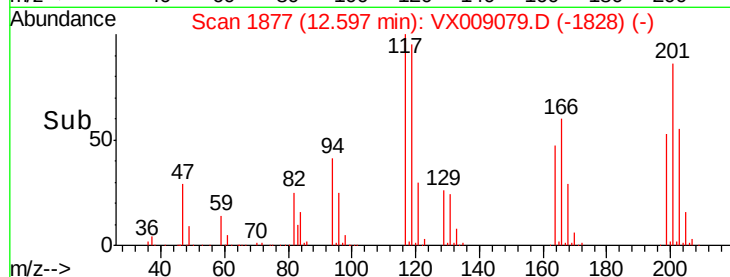
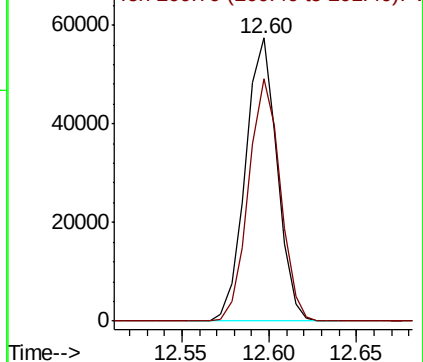
117 100

201 85.7 43.0 129.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 51.736 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

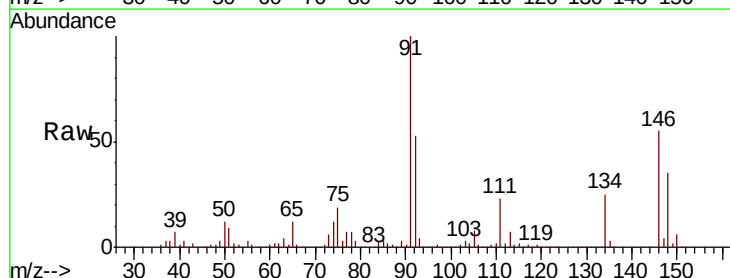
Tgt Ion:146 Resp: 210151

Ion Ratio Lower Upper

146 100

111 42.2 20.6 61.9

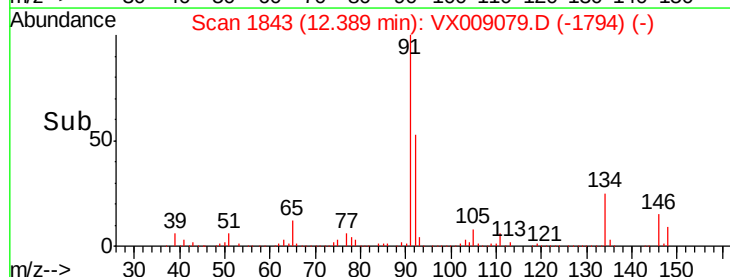
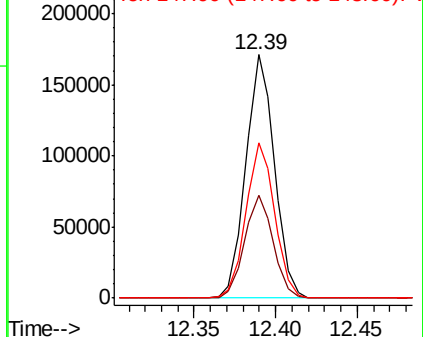
148 63.8 32.0 96.2

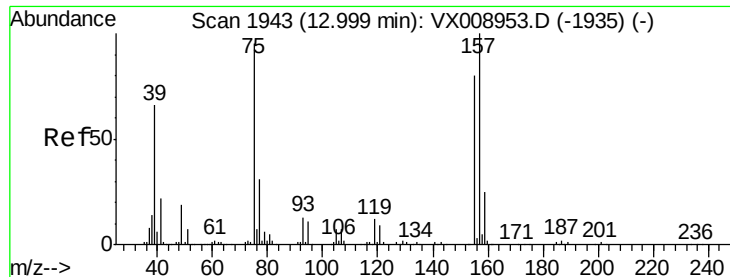


Abundance Ion 145.90 (145.60 to 146.60): V

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: 58.388 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MSD

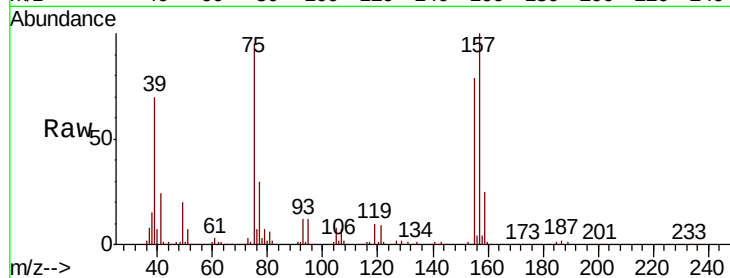
Tot Ion: 75 Resp: 45247

Ion	Ratio	Lower	Upper
75	100		
155	82.9	41.2	123.6
157	105.0	52.5	157.6

75 100

155 82.9 41.2 123.6

157 105.0 52.5 157.6

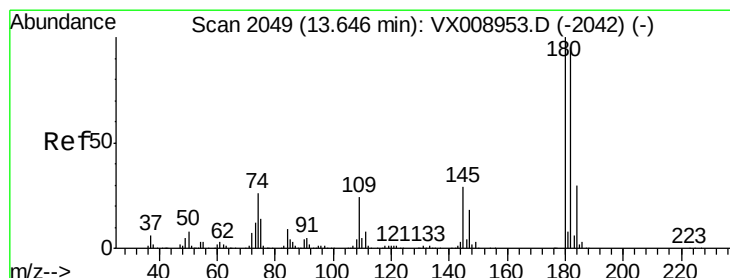
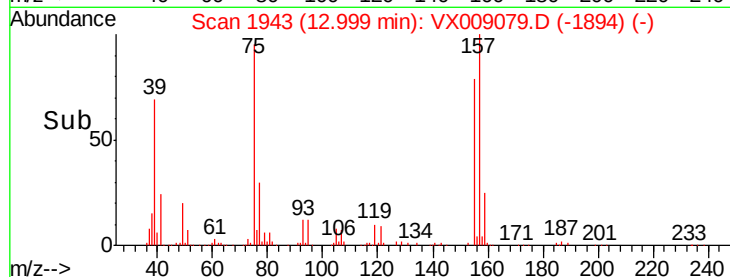
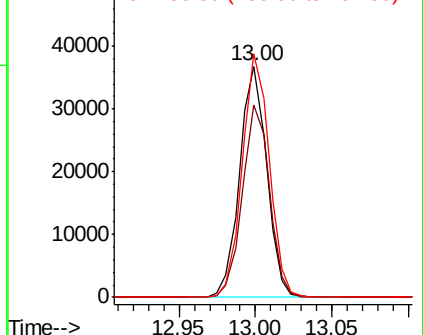


Abundance

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: 47.664 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

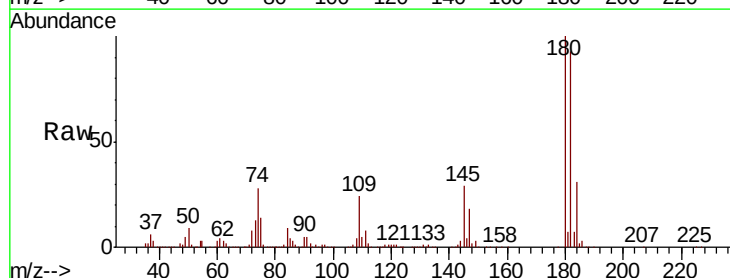
Tgt Ion:180 Resp: 139760

Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.6	142.9
145	31.3	14.8	44.4

180 100

182 93.7 47.6 142.9

145 31.3 14.8 44.4

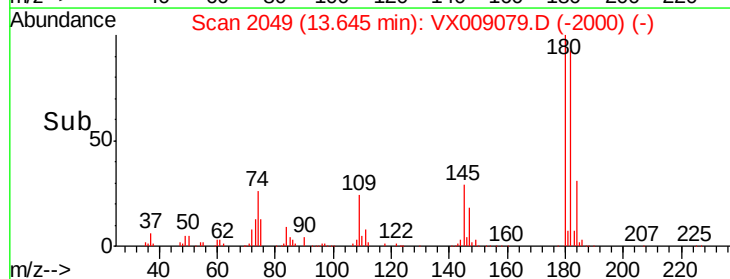
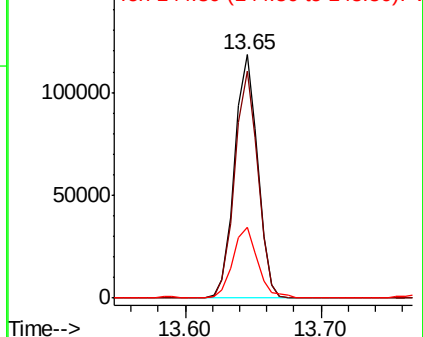


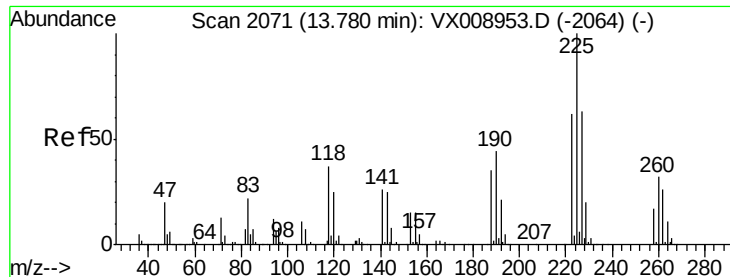
Abundance

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: 46.362 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

GMW-7MSD

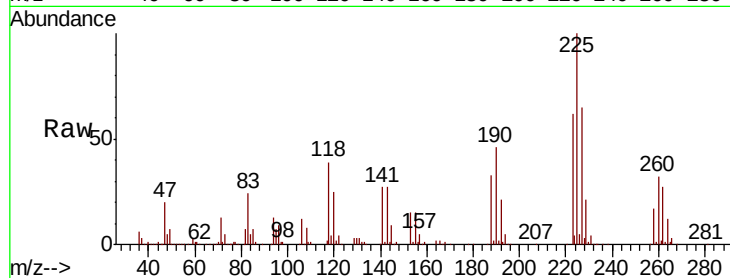
Tot Ion:225 Resp: 67801

Ion Ratio Lower Upper

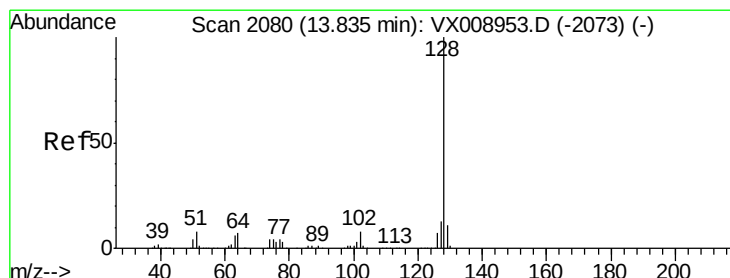
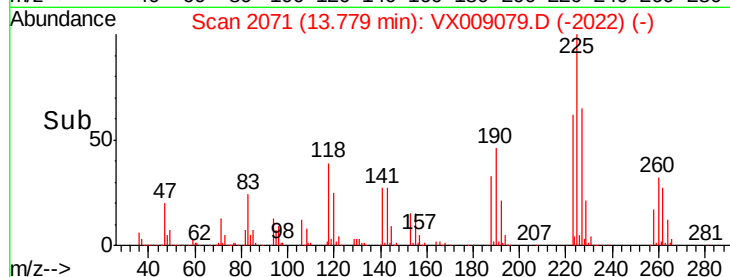
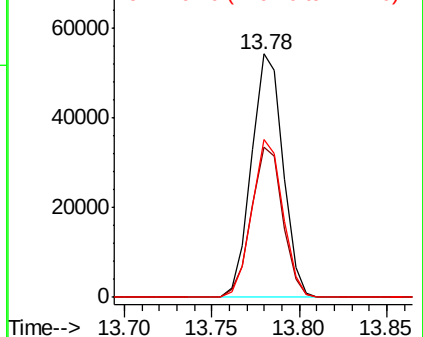
225 100

223 61.4 31.1 93.2

227 63.6 32.0 96.2



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



#95

Naphthalene

Concen: 52.048 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009079.D

Acq: 19 Apr 2019 18:38

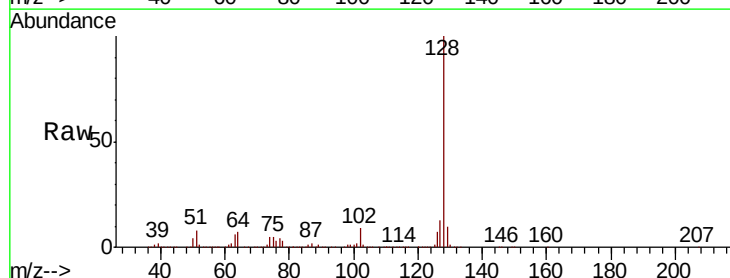
Tgt Ion:128 Resp: 488948

Ion Ratio Lower Upper

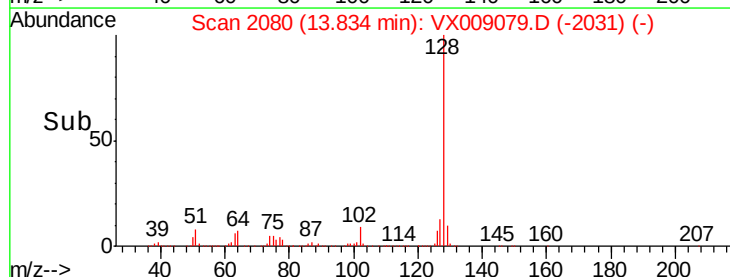
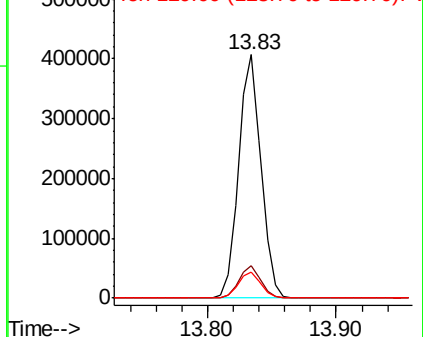
128 100

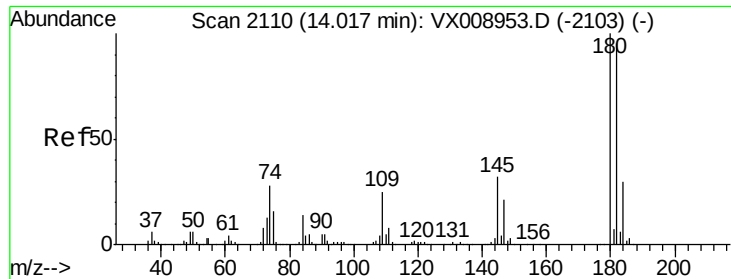
127 13.2 10.6 16.0

129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

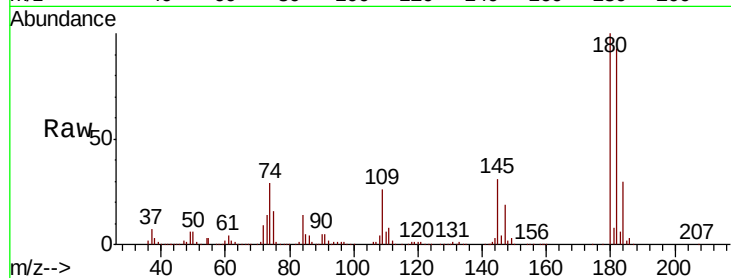




#96
 1,2,3-Trichlorobenzene
 Concen: 49.764 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX009079.D
 Acq: 19 Apr 2019 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.8	143.4
145	32.4	15.8	47.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

