

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041619\
 Data File : VX009000.D
 Acq On : 16 Apr 2019 20:07
 Operator : JC/SP
 Sample : K2387-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW318-190410MSD

Quant Time: Apr 17 04:20:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 09:35:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	204373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	336608	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	303857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143085	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	143647	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
35) Dibromofluoromethane	5.50	113	104947	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
50) Toluene-d8	8.71	98	426938	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.13	95	155774	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	124864	53.044	ug/l	99
3) Chloromethane	1.32	50	154521	53.469	ug/l	98
4) Vinyl Chloride	1.41	62	188537	67.029	ug/l	98
5) Bromomethane	1.64	94	87392	49.645	ug/l	100
6) Chloroethane	1.71	64	87356	52.815	ug/l	98
7) Trichlorofluoromethane	1.93	101	165369	50.355	ug/l	97
8) Diethyl Ether	2.19	74	76152	50.704	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	102761	48.940	ug/l	99
10) Methyl Iodide	2.51	142	127021	54.858	ug/l	100
11) Tert butyl alcohol	3.05	59	157506	246.362	ug/l	99
12) 1,1-Dichloroethene	2.37	96	109108	49.783	ug/l	96
13) Acrolein	2.29	56	54222	98.157	ug/l	100
14) Allyl chloride	2.73	41	240556	50.309	ug/l	99
15) Acrylonitrile	3.14	53	424273	261.426	ug/l	100
16) Acetone	2.45	43	351277	235.188	ug/l	100
17) Carbon Disulfide	2.57	76	322113	50.015	ug/l	99
18) Methyl Acetate	2.77	43	181322	48.642	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	404968	51.858	ug/l	100
20) Methylene Chloride	2.85	84	127059	49.744	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	116964	50.035	ug/l	99
22) Diisopropyl ether	3.85	45	472623	50.867	ug/l #	77
23) Vinyl Acetate	3.85	43	226259	27.702	ug/l #	75
24) 1,1-Dichloroethane	3.70	63	236981	50.809	ug/l	100
25) 2-Butanone	4.67	43	612629	256.607	ug/l	98
26) 2,2-Dichloropropane	4.58	77	154466	44.182	ug/l	84
27) cis-1,2-Dichloroethene	4.59	96	443599	167.136	ug/l	93
28) Bromochloromethane	5.02	49	108119	56.043	ug/l	100
29) Tetrahydrofuran	5.13	42	415196	259.831	ug/l	99
30) Chloroform	5.21	83	214634	51.425	ug/l	99
31) Cyclohexane	5.58	56	232960	50.782	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	177325	51.262	ug/l	99
36) 1,1-Dichloropropene	5.80	75	166984	47.967	ug/l	99
37) Ethyl Acetate	4.83	43	230311	51.414	ug/l	99
38) Carbon Tetrachloride	5.78	117	148115	50.186	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 09:35:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	205126	48.395	ug/l	99
40) Benzene	6.14	78	518555	50.492	ug/l	99
41) Methacrylonitrile	5.04	41	135703	52.783	ug/l	99
42) 1,2-Dichloroethane	6.19	62	184275	50.653	ug/l	99
43) Isopropyl Acetate	6.45	43	369790	51.225	ug/l	100
44) Trichloroethene	7.21	130	270920	107.664	ug/l	99
45) 1,2-Dichloropropane	7.51	63	145387	51.028	ug/l	99
46) Dibromomethane	7.66	93	82726	49.891	ug/l	99
47) Bromodichloromethane	7.90	83	167486	51.499	ug/l	99
48) Methyl methacrylate	7.77	41	191226	53.611	ug/l	99
49) 1,4-Dioxane	7.74	88	58995	883.668	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1208976	262.880	ug/l	100
52) Toluene	8.79	92	314159	51.042	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	193195	51.617	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	211061	50.361	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	124373	50.985	ug/l	99
56) Ethyl methacrylate	9.18	69	235157	53.762	ug/l	99
57) 1,3-Dichloropropane	9.37	76	222790	51.295	ug/l	100
59) 2-Hexanone	9.49	43	910328	256.741	ug/l	100
60) Dibromochloromethane	9.58	129	124383	53.202	ug/l	99
61) 1,2-Dibromoethane	9.67	107	128417	51.006	ug/l	99
64) Tetrachloroethene	9.34	164	618833	268.085	ug/l	98
65) Chlorobenzene	10.14	112	321413	50.114	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	116023	51.351	ug/l	99
67) Ethyl Benzene	10.25	91	598283	51.029	ug/l	99
68) m/p-Xylenes	10.36	106	429479	100.795	ug/l	99
69) o-Xylene	10.69	106	210669	50.813	ug/l	98
70) Styrene	10.69	104	10684	1.487	ug/l #	1
71) Bromoform	10.85	173	92410	51.338	ug/l #	98
73) Isopropylbenzene	11.02	105	558298	51.476	ug/l	99
74) N-amyl acetate	10.90	43	322959	51.861	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	200024	50.476	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	237367	67.938	ug/l	81
77) Bromobenzene	11.26	156	138501	50.613	ug/l	99
78) n-propylbenzene	11.36	91	642840	51.640	ug/l	100
79) 2-Chlorotoluene	11.42	91	385517	51.393	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	469025	51.534	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	67244	49.411	ug/l	96
82) 4-Chlorotoluene	11.51	91	445482	51.134	ug/l	100
83) tert-Butylbenzene	11.77	119	451343	51.653	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	474306	51.197	ug/l	99
85) sec-Butylbenzene	11.94	105	536919	51.520	ug/l	100
86) p-Isopropyltoluene	12.06	119	487423	50.872	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	239611	50.029	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	239532	49.337	ug/l	100
89) n-Butylbenzene	12.38	91	446475	50.035	ug/l	100
90) Hexachloroethane	12.60	117	81798	51.755	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	237278	50.171	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45178	50.072	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	168376	49.320	ug/l	100

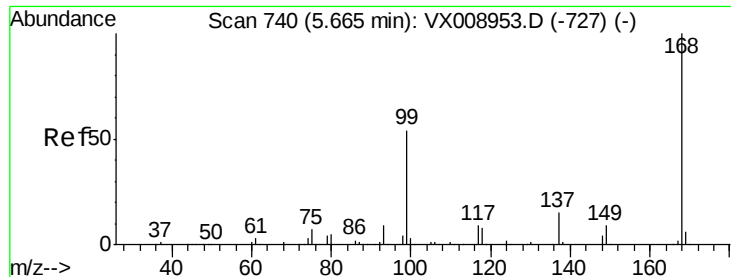
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	81133	47.649	ug/l	99
95) Naphthalene	13.83	128	546842	49.996	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	165710	49.194	ug/l	100

(#) = 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: VX009000.D

Acq: 16 Apr 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

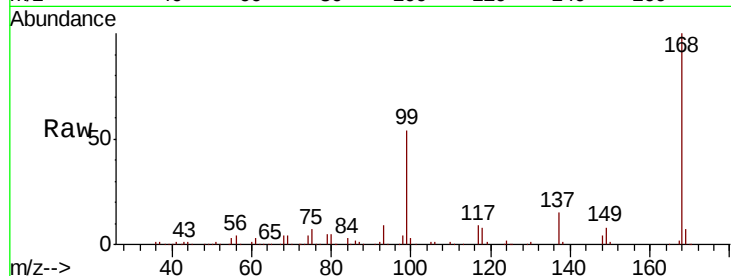
SS040MW318-190410MSD

Tot Ion:168 Resp: 204373

Ion Ratio Lower Upper

168 100

99 53.7 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

80000

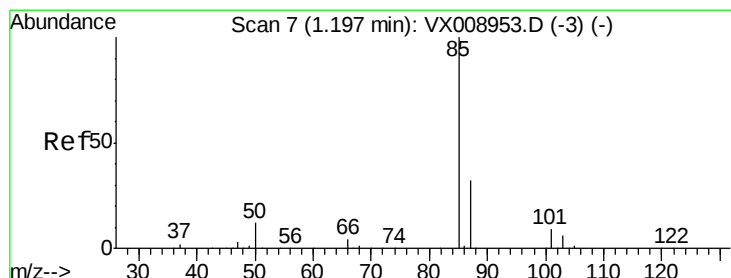
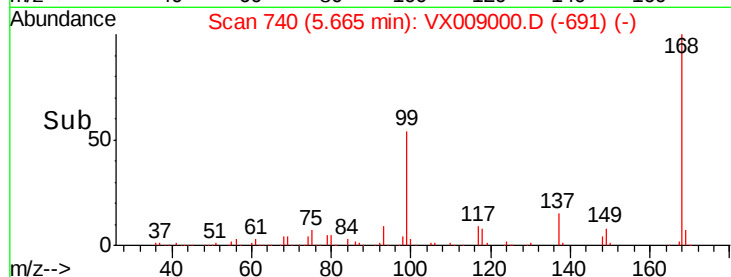
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 53.044 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009000.D

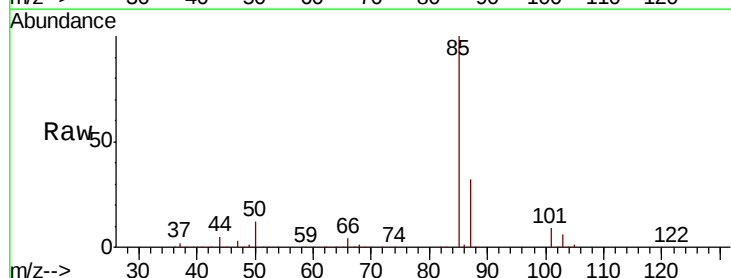
Acq: 16 Apr 2019 20:07

Tgt Ion: 85 Resp: 124864

Ion Ratio Lower Upper

85 100

87 32.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

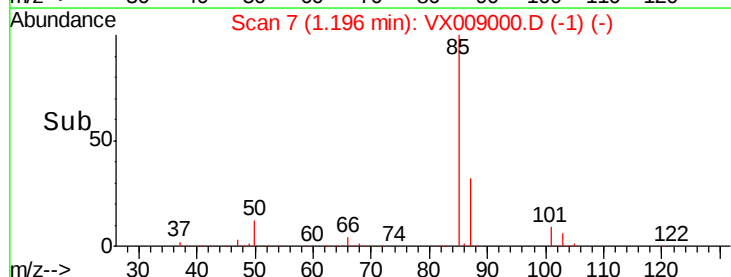
1.20

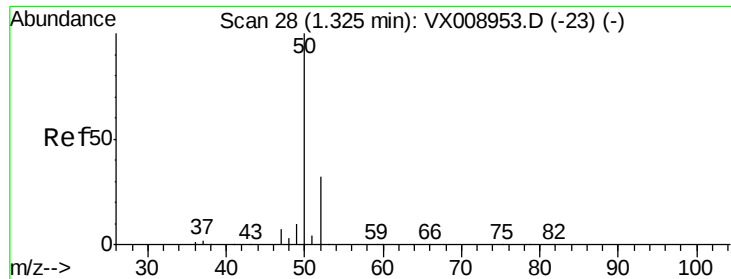
100000

50000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 53.469 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

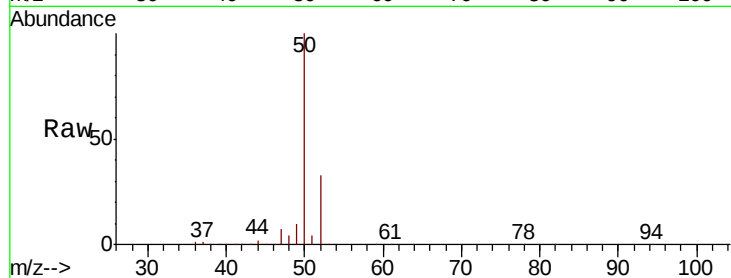
SS040MW318-190410MSD

Tot Ion: 50 Resp: 154521

Ion Ratio Lower Upper

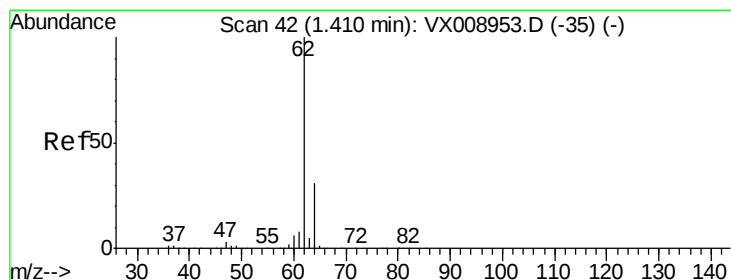
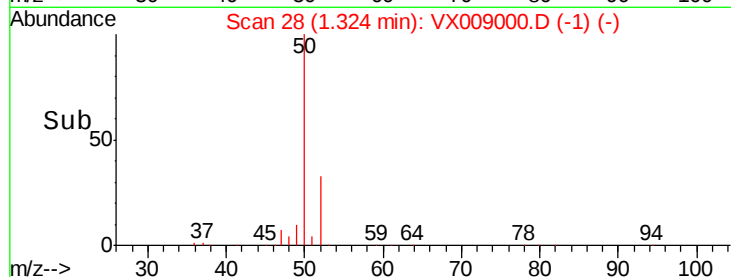
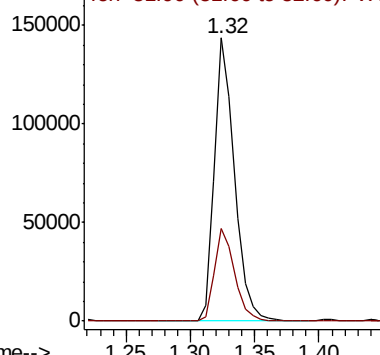
50 100

52 32.8 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 67.029 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009000.D

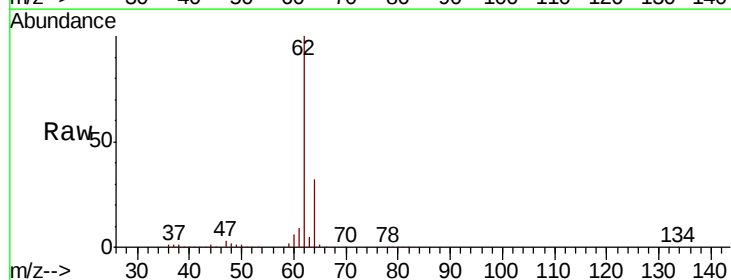
Acq: 16 Apr 2019 20:07

Tgt Ion: 62 Resp: 188537

Ion Ratio Lower Upper

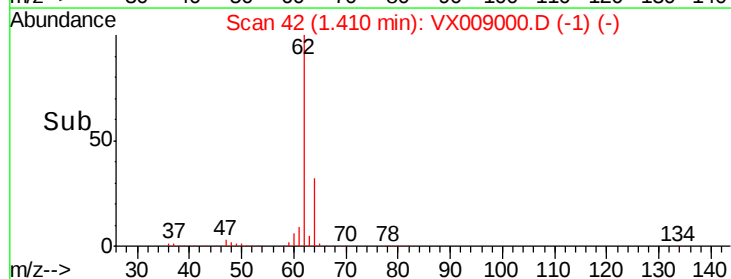
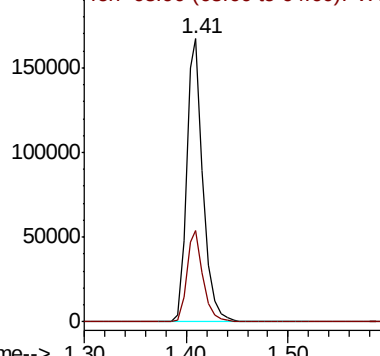
62 100

64 32.1 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.645 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

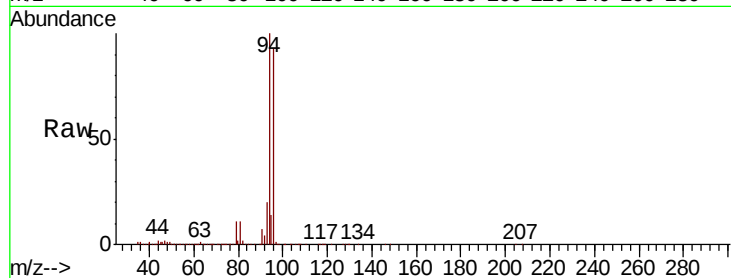
SS040MW318-190410MSD

Tot Ion: 94 Resp: 87392

Ion Ratio Lower Upper

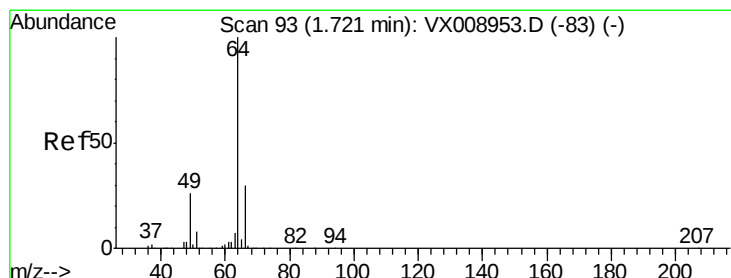
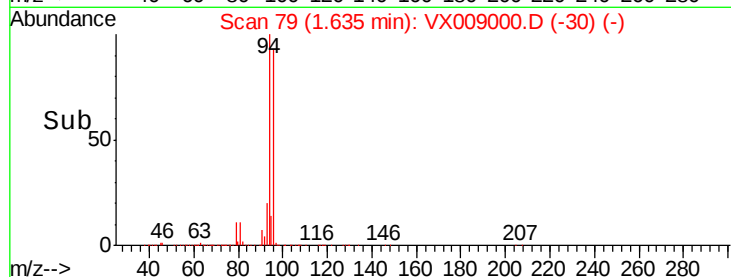
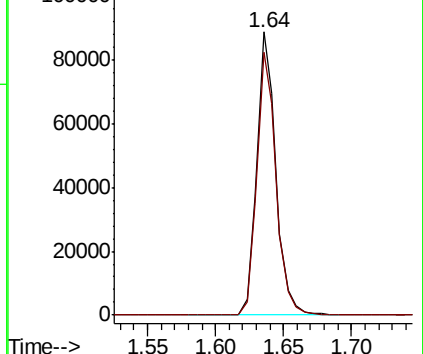
94 100

96 92.8 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: 52.815 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX009000.D

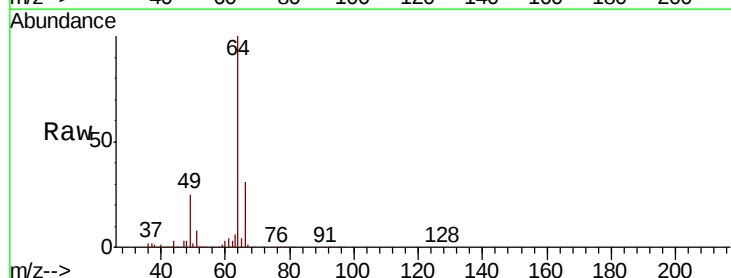
Acq: 16 Apr 2019 20:07

Tgt Ion: 64 Resp: 87356

Ion Ratio Lower Upper

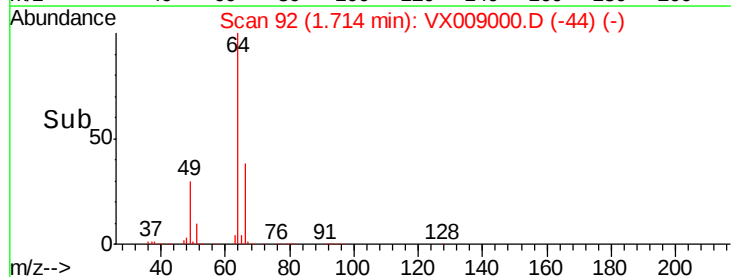
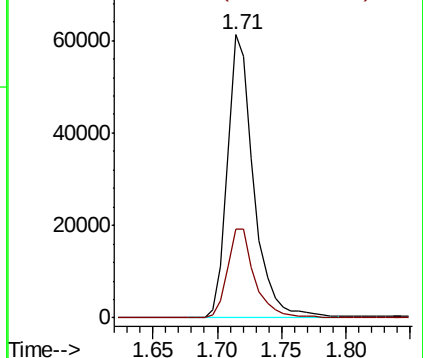
64 100

66 31.3 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



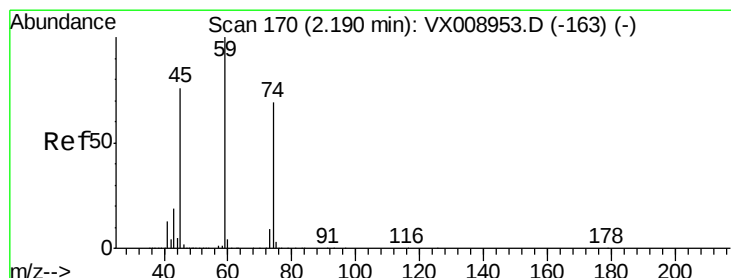
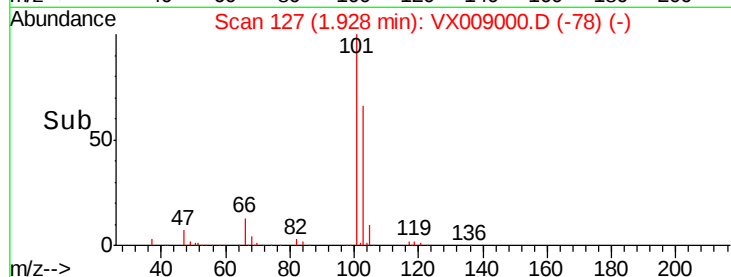
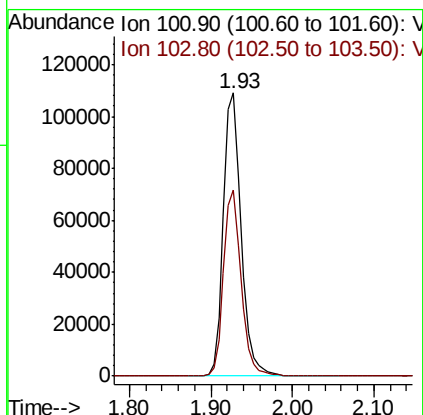
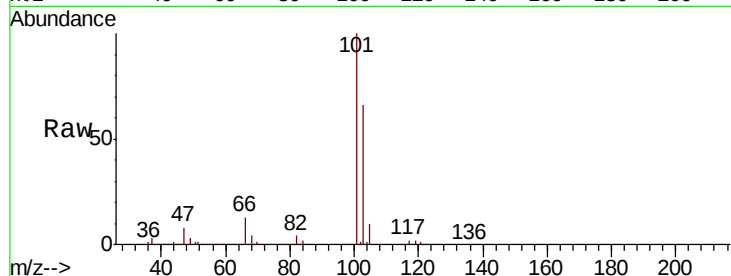


#7

Trichlorofluoromethane
 Concen: 50.355 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX009000.D
 Acq: 16 Apr 2019 20:07

Instrument :
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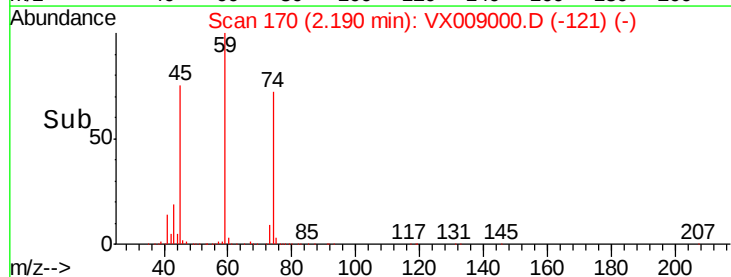
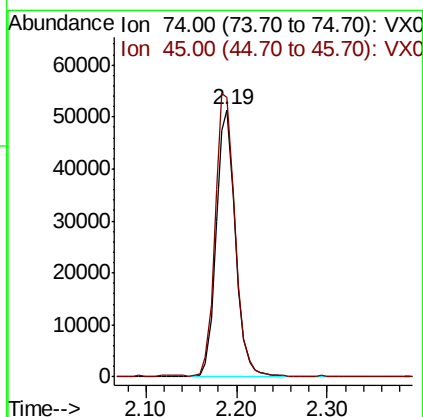
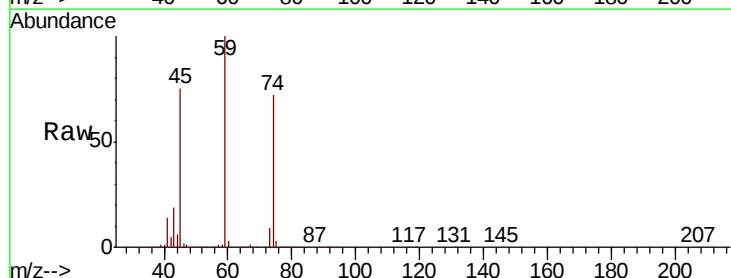
Tot Ion:101 Resp: 165369
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.0 76.6

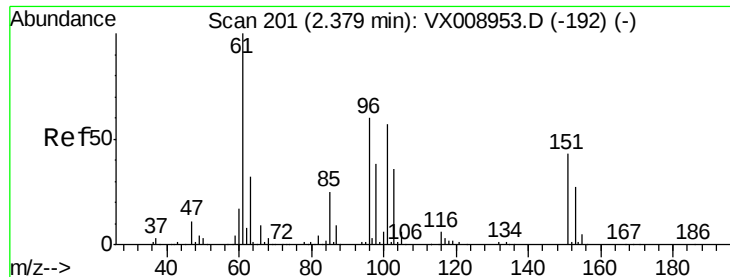


#8

Diethyl Ether
 Concen: 50.704 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX009000.D
 Acq: 16 Apr 2019 20:07

Tgt Ion: 74 Resp: 76152
 Ion Ratio Lower Upper
 74 100
 45 109.7 54.9 164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.940 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

SS040MW318-190410MSD

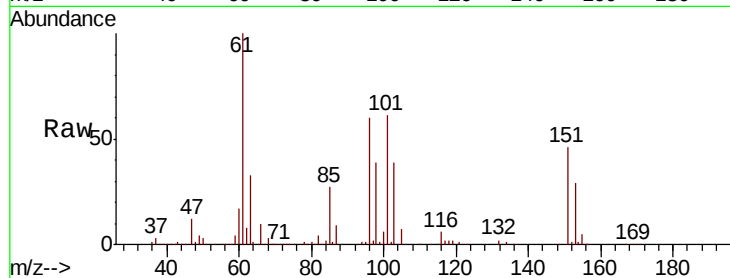
Tot Ion:101 Resp: 102761

Ion Ratio Lower Upper

101 100

85 43.8 35.7 53.5

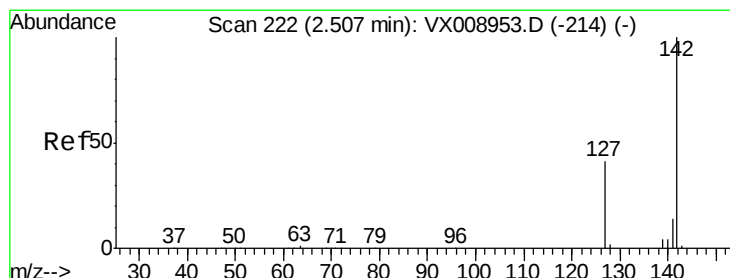
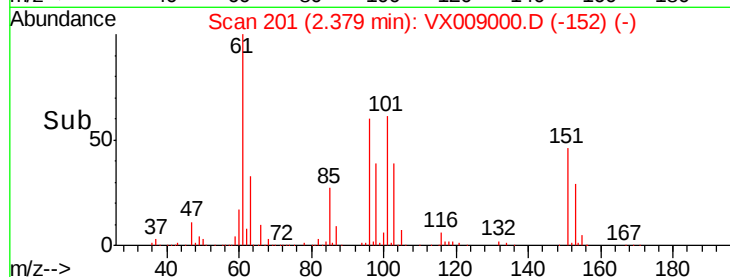
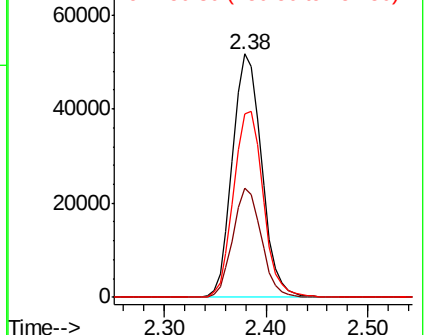
151 77.6 62.7 94.1



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: 54.858 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

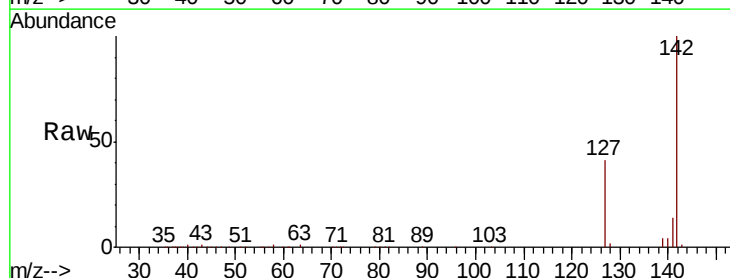
Tgt Ion:142 Resp: 127021

Ion Ratio Lower Upper

142 100

127 41.0 32.8 49.2

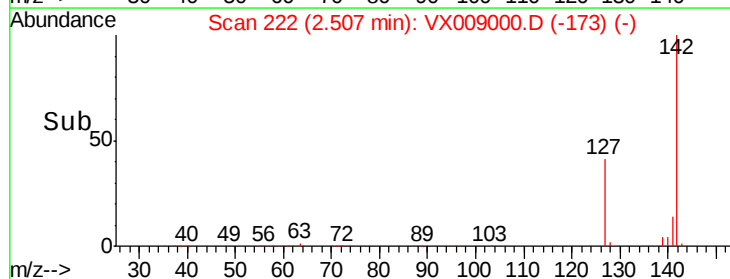
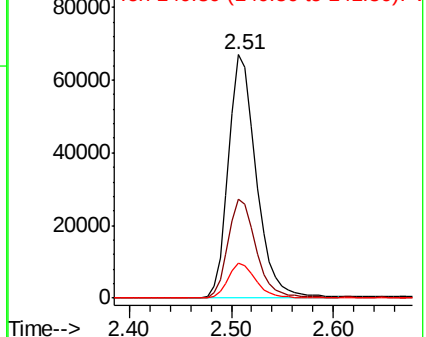
141 14.3 11.4 17.2

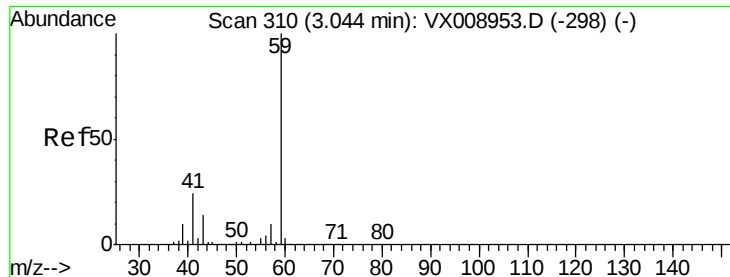


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



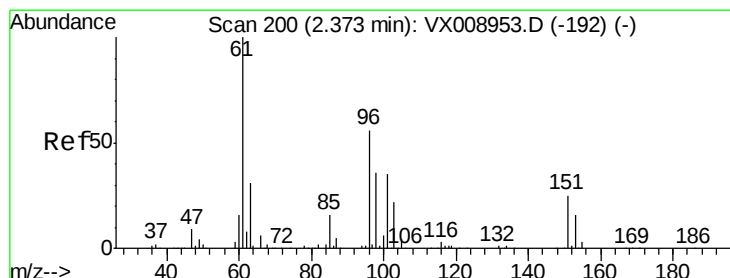
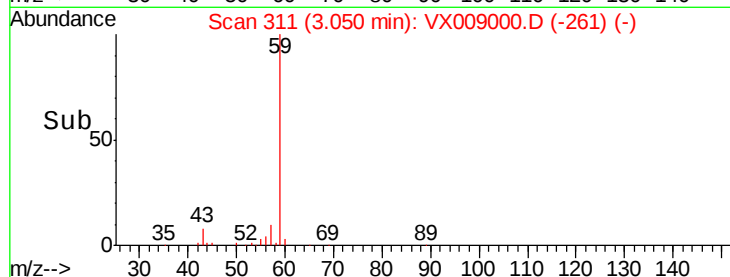
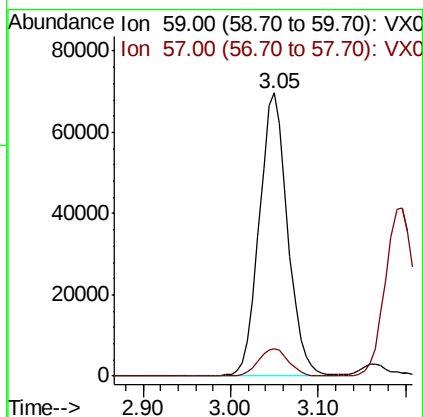
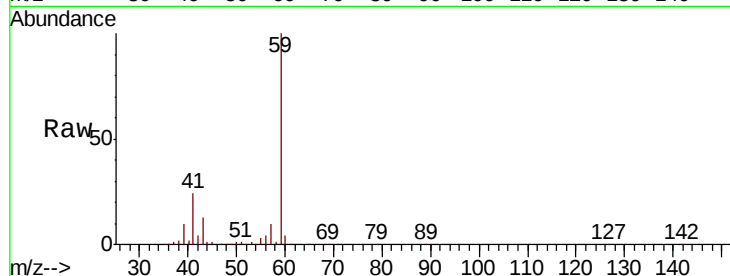


#11

Tert butyl alcohol
Concen: 246.362 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.01 min
Lab File: VX009000.D
Acq: 16 Apr 2019 20:07

Instrument :
MSVOA_X
ClientSampleId :
SS040MW318-190410MSD

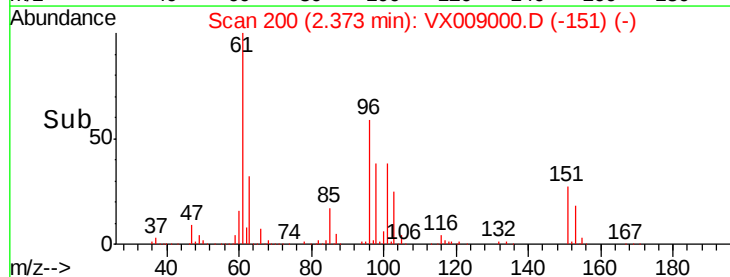
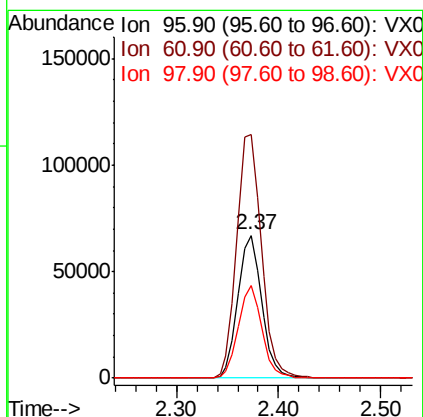
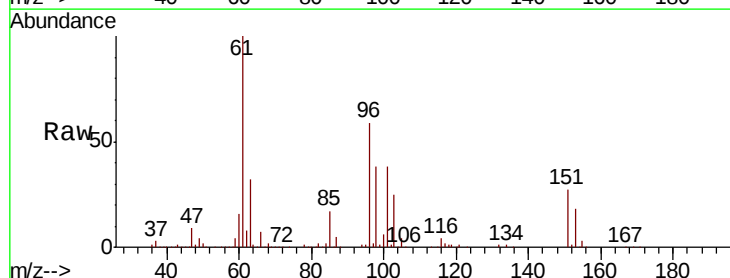
Tot Ion: 59 Resp: 157506
Ion Ratio Lower Upper
59 100
57 10.3 8.4 12.6

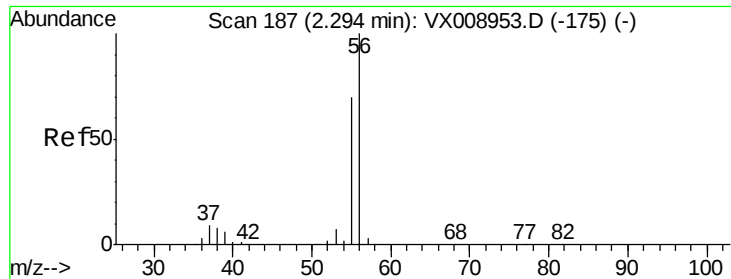


#12

1,1-Dichloroethene
Concen: 49.783 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX009000.D
Acq: 16 Apr 2019 20:07

Tgt Ion: 96 Resp: 109108
Ion Ratio Lower Upper
96 100
61 170.6 142.2 213.2
98 64.7 50.9 76.3





#13

Acrolein

Concen: 98.157 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

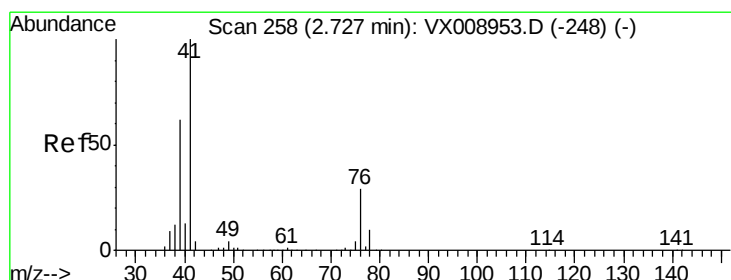
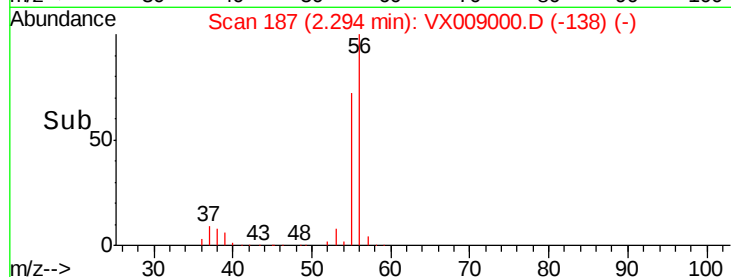
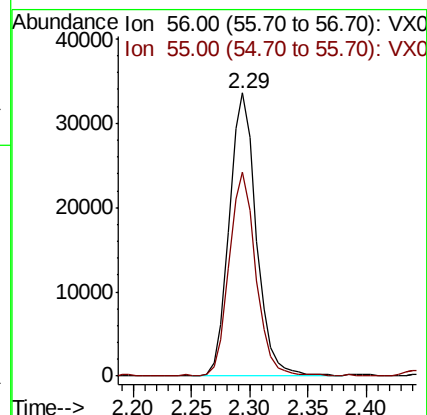
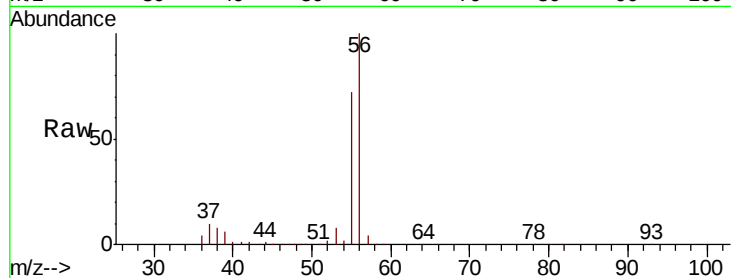
SS040MW318-190410MSD

Tot Ion: 56 Resp: 54222

Ion Ratio Lower Upper

56 100

55 70.5 56.6 84.8



#14

Allyl chloride

Concen: 50.309 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

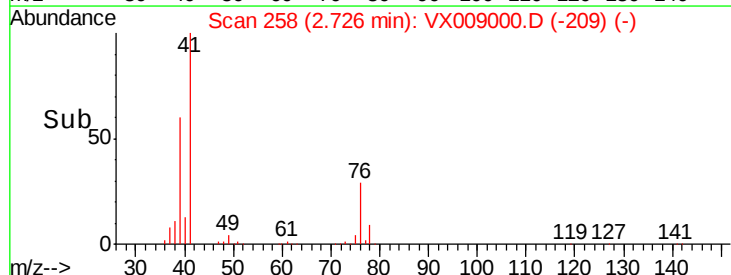
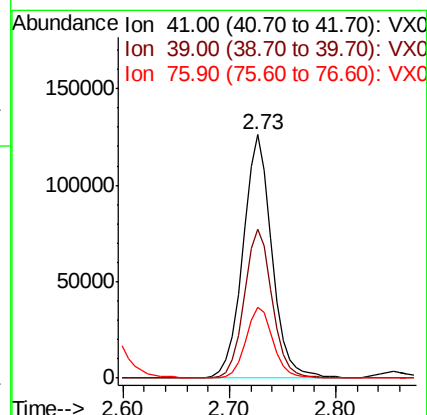
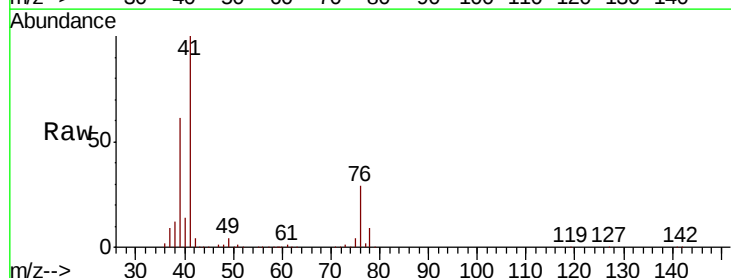
Tgt Ion: 41 Resp: 240556

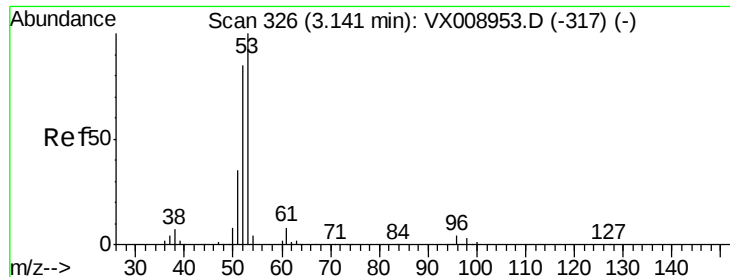
Ion Ratio Lower Upper

41 100

39 59.1 46.7 70.1

76 27.3 22.0 33.0





#15

Acrylonitrile

Concen: 261.426 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

SS040MW318-190410MSD

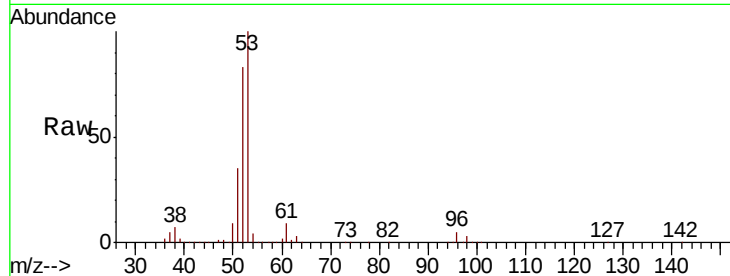
Tot Ion: 53 Resp: 424273

Ion Ratio Lower Upper

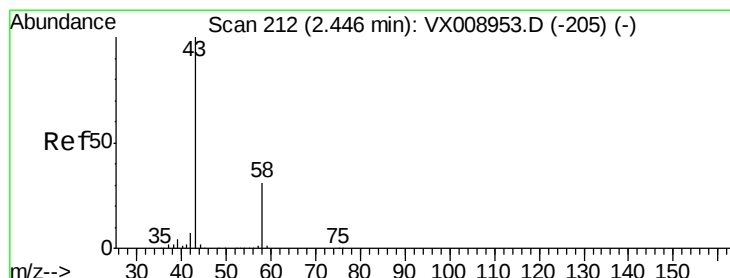
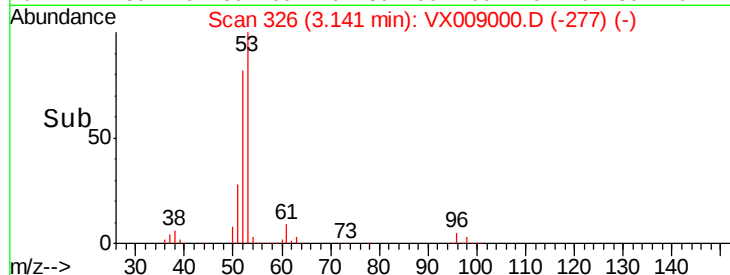
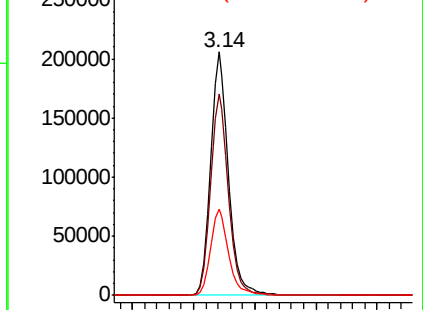
53 100

52 83.2 66.6 100.0

51 36.0 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: 235.188 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009000.D

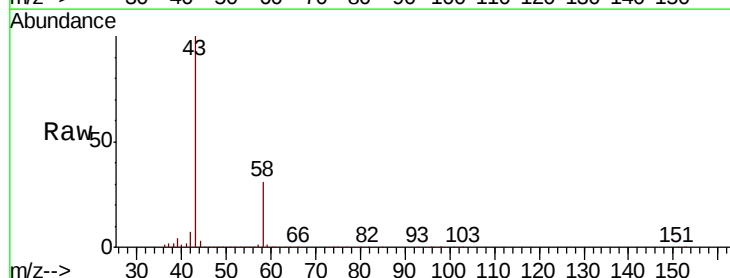
Acq: 16 Apr 2019 20:07

Tgt Ion: 43 Resp: 351277

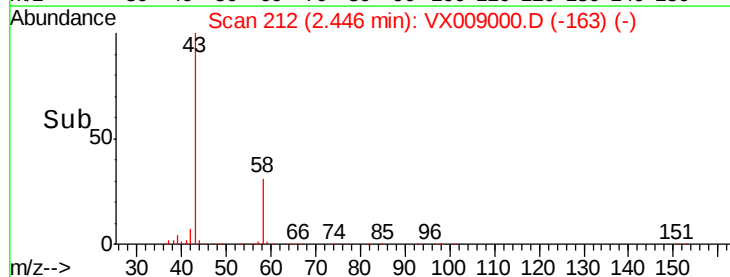
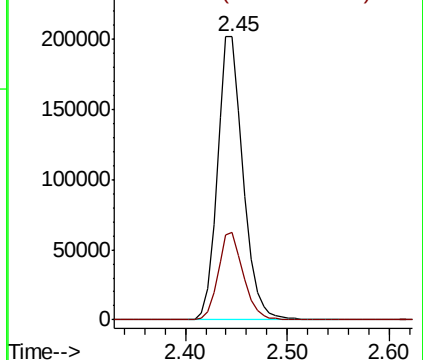
Ion Ratio Lower Upper

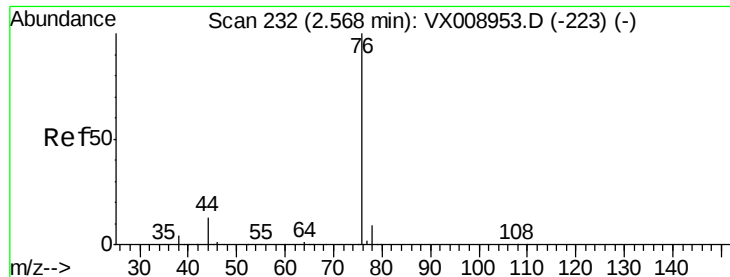
43 100

58 30.7 24.8 37.2



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

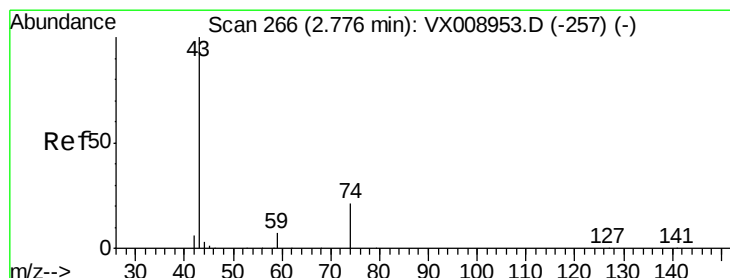
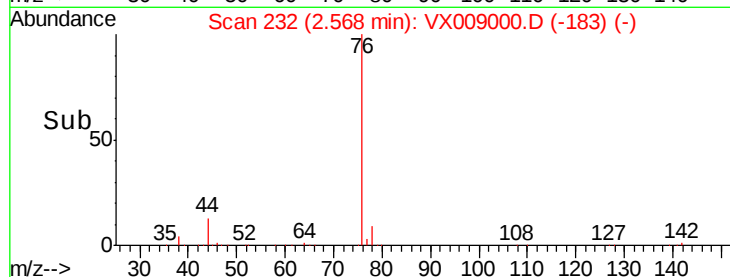
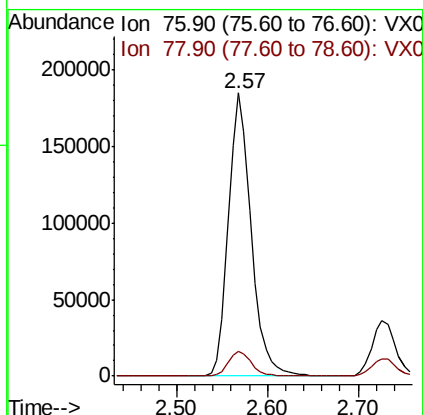
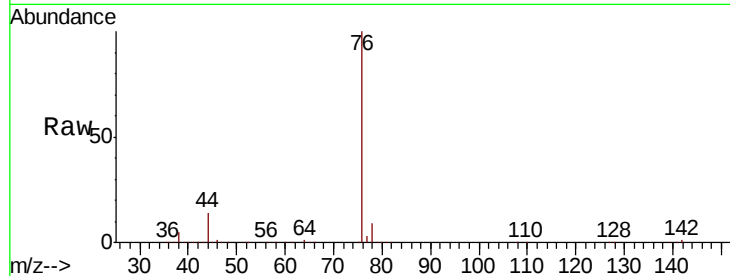




#17
Carbon Disulfide
Concen: 50.015 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX009000.D
Acq: 16 Apr 2019 20:07

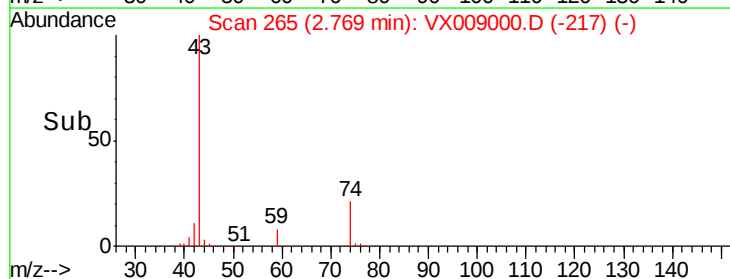
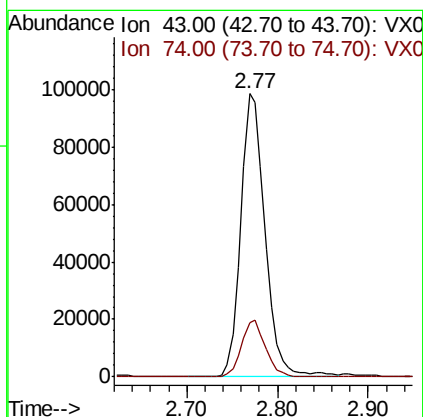
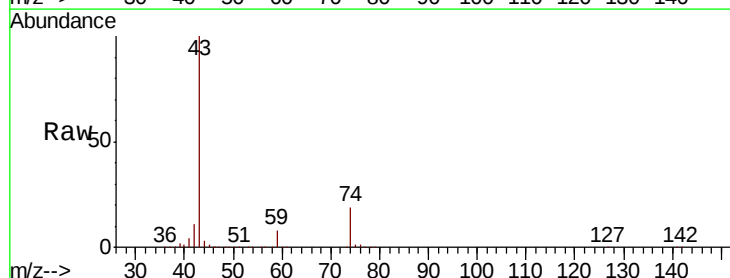
Instrument :
MSVOA_X
ClientSampleId :
SS040MW318-190410MSD

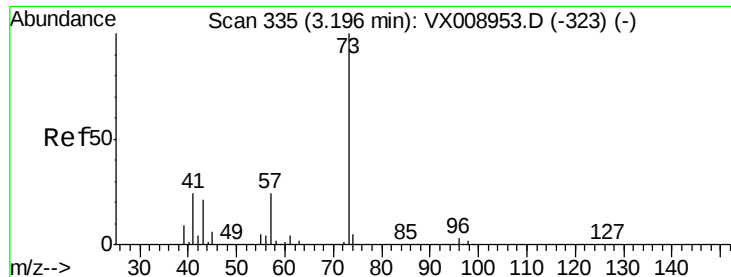
Tot Ion: 76 Resp: 322113
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 48.642 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009000.D
Acq: 16 Apr 2019 20:07

Tgt Ion: 43 Resp: 181322
Ion Ratio Lower Upper
43 100
74 20.3 16.6 25.0



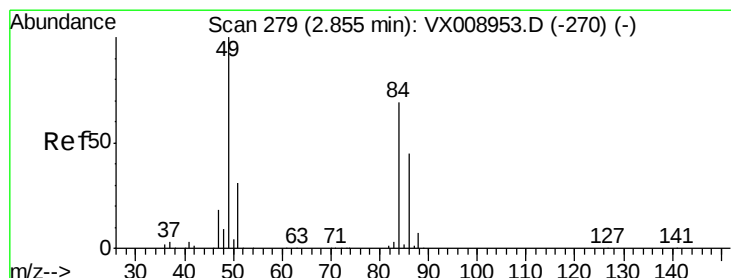
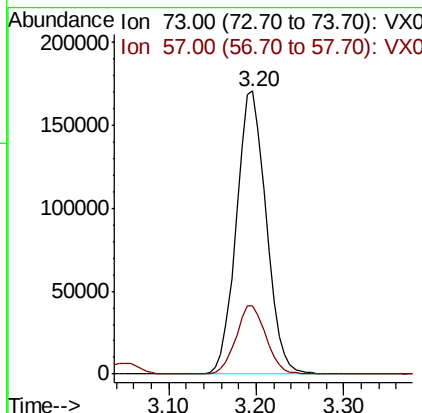
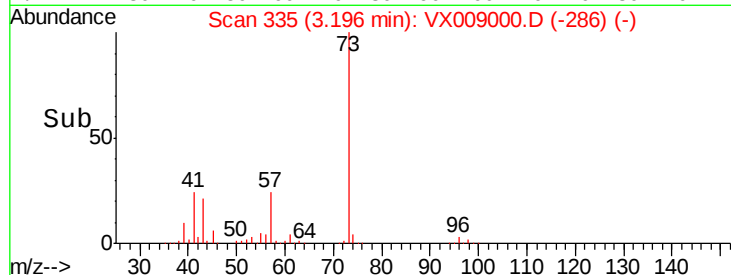
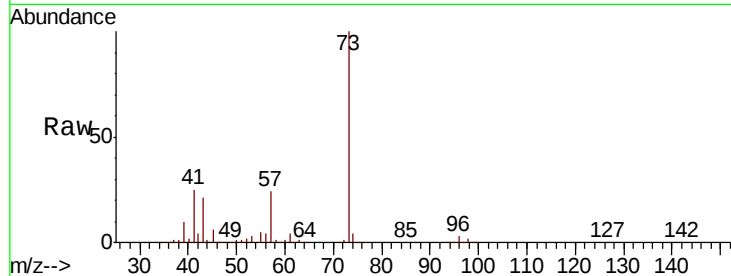


#19

Methyl tert-butyl Ether
 Concen: 51.858 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX009000.D
 Acq: 16 Apr 2019 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW318-190410MSD

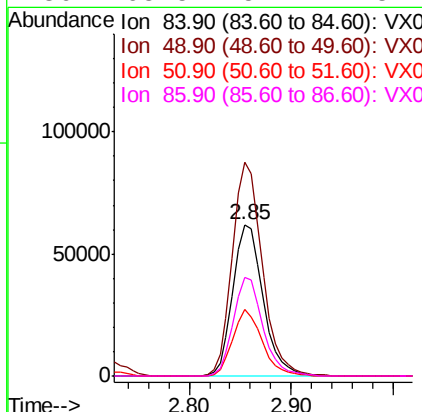
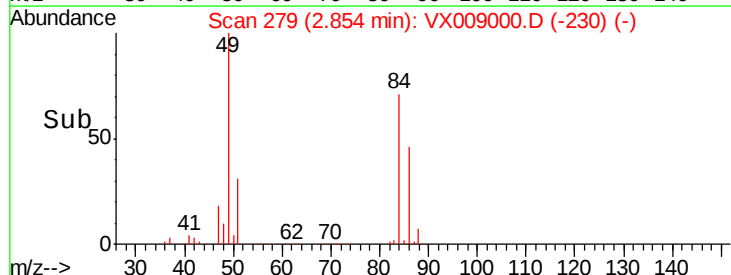
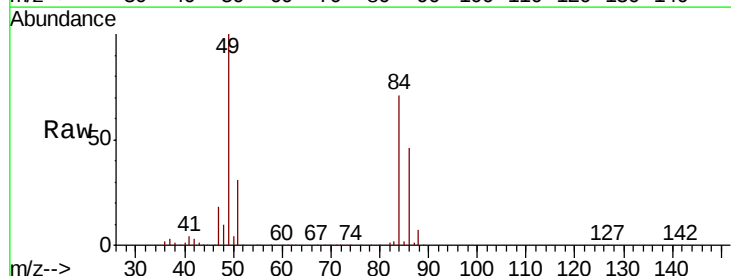
Tot Ion: 73 Resp: 404968
 Ion Ratio Lower Upper
 73 100
 57 24.2 19.2 28.8

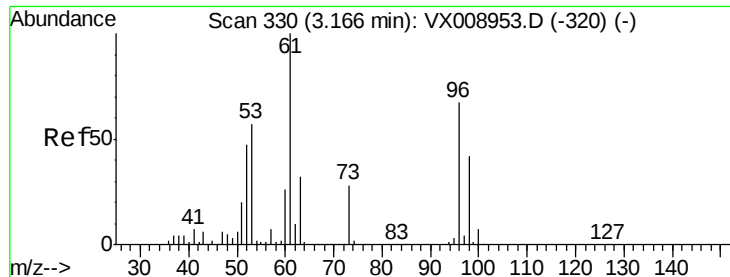


#20

Methylene Chloride
 Concen: 49.744 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009000.D
 Acq: 16 Apr 2019 20:07

Tgt Ion: 84 Resp: 127059
 Ion Ratio Lower Upper
 84 100
 49 140.8 115.4 173.0
 51 44.3 35.8 53.6
 86 65.5 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 50.035 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

SS040MW318-190410MSD

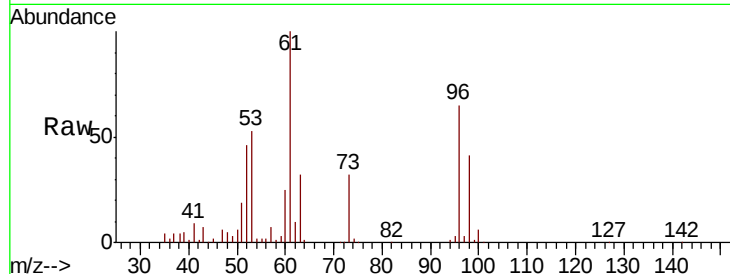
Tot Ion: 96 Resp: 116964

Ion Ratio Lower Upper

96 100

61 152.7 120.3 180.5

98 62.3 50.2 75.2

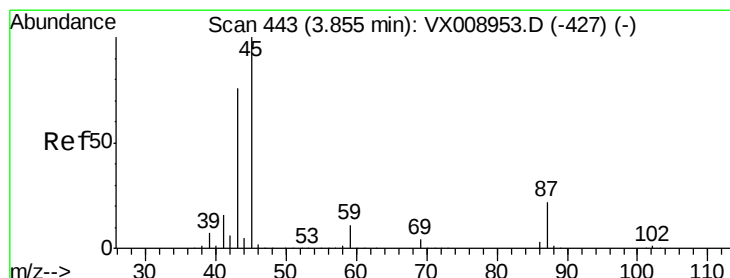
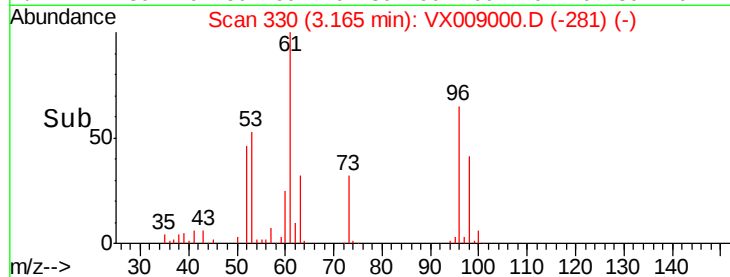
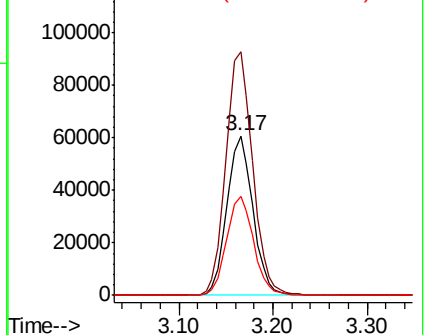


Abundance

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: 50.867 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

Tgt Ion: 45 Resp: 472623

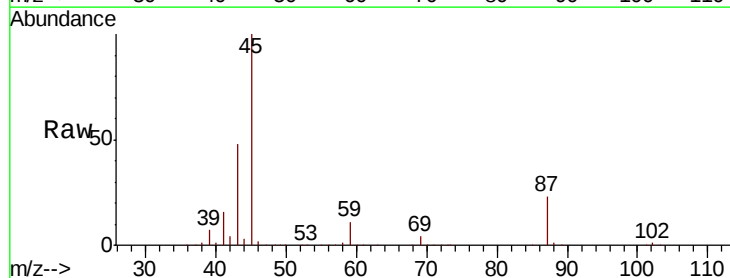
Ion Ratio Lower Upper

45 100

43 48.0 60.6 91.0#

87 23.1 17.8 26.8

59 10.7 8.7 13.1



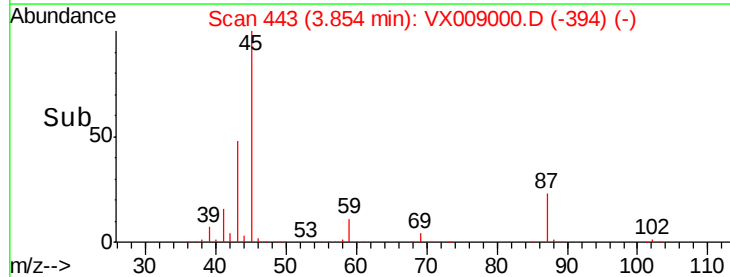
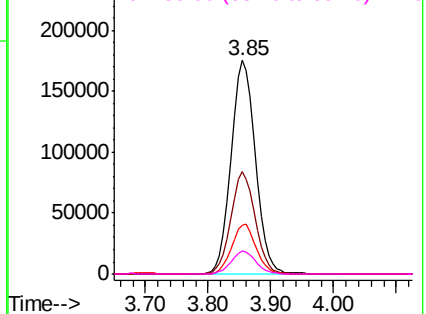
Abundance

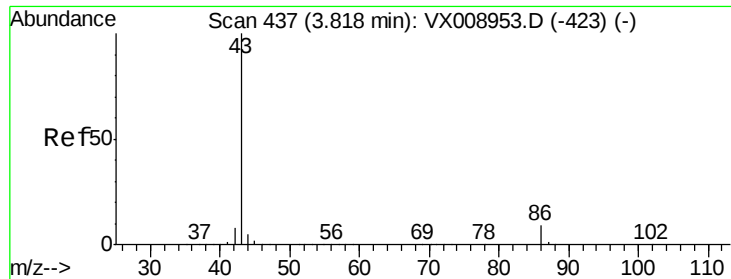
Ion 45.00 (44.70 to 45.70): VX0

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: 27.702 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.04 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

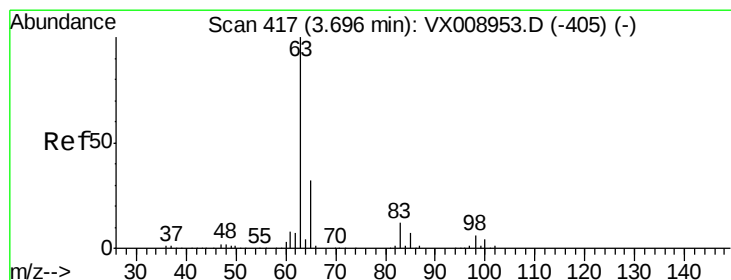
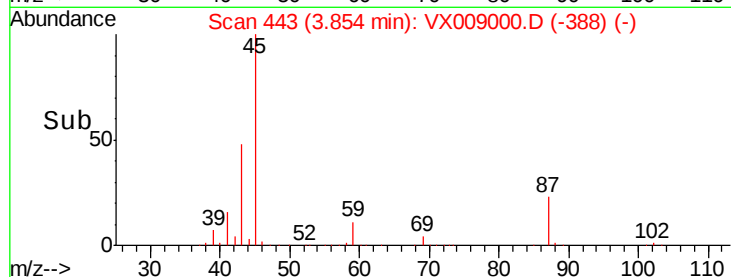
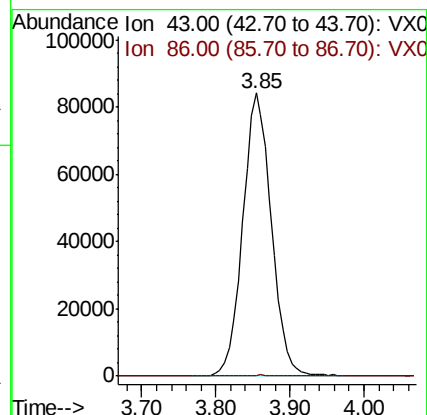
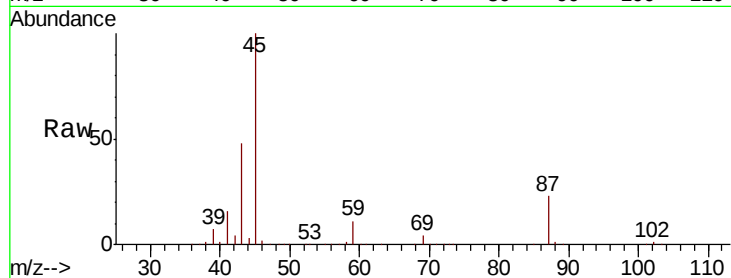
SS040MW318-190410MSD

Tot Ion: 43 Resp: 226259

Ion Ratio Lower Upper

43 100

86 0.0 7.1 10.7#



#24

1,1-Dichloroethane

Concen: 50.809 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

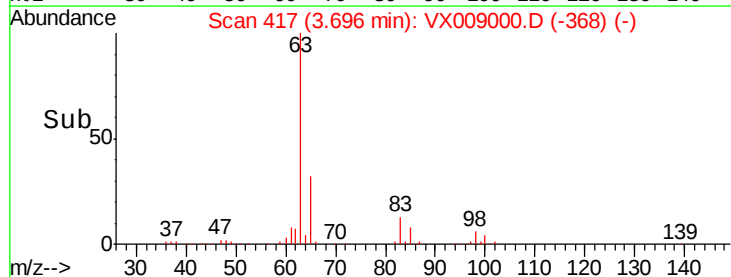
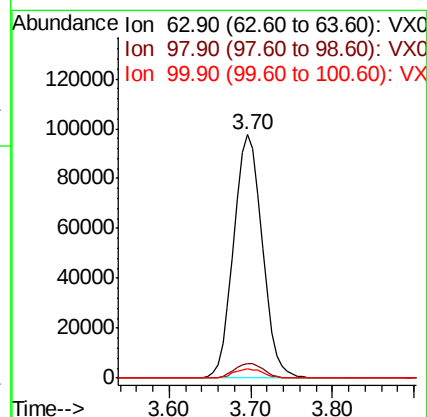
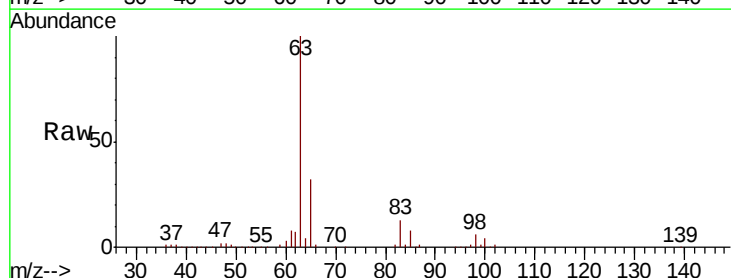
Tgt Ion: 63 Resp: 236981

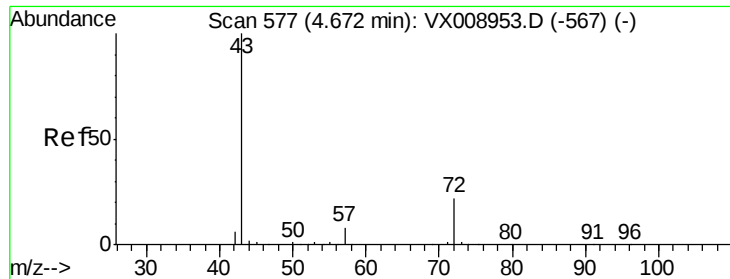
Ion Ratio Lower Upper

63 100

98 6.1 3.1 9.3

100 3.9 1.9 5.7





#25

2-Butanone

Concen: 256.607 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

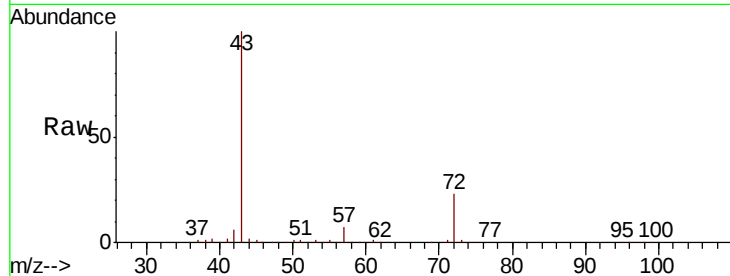
SS040MW318-190410MSD

Tot Ion: 43 Resp: 612629

Ion Ratio Lower Upper

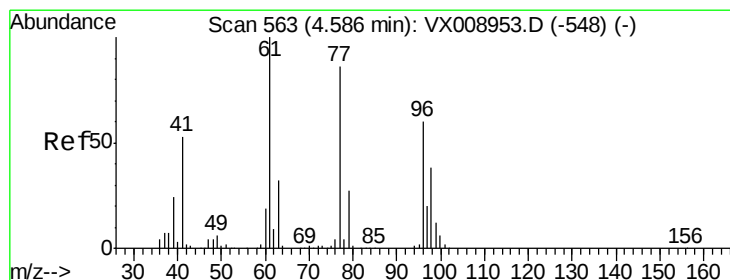
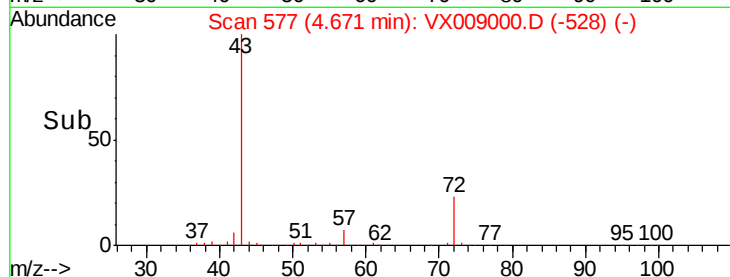
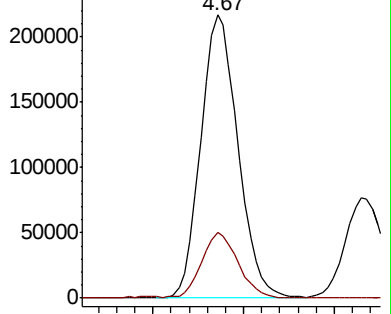
43 100

72 23.0 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 44.182 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX009000.D

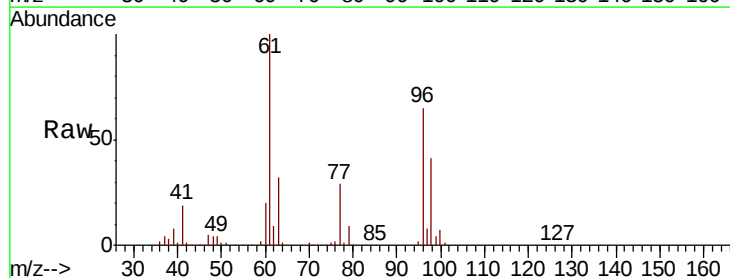
Acq: 16 Apr 2019 20:07

Tgt Ion: 77 Resp: 154466

Ion Ratio Lower Upper

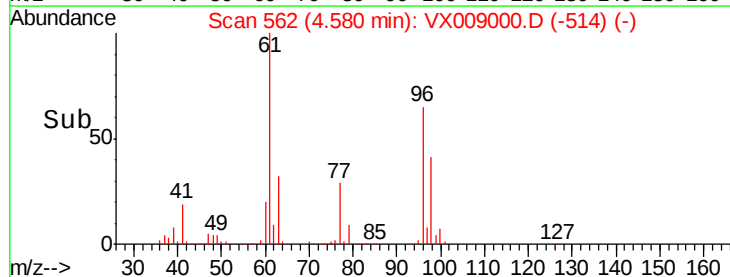
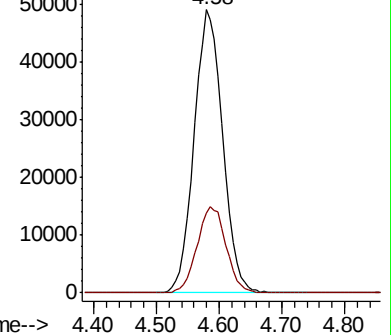
77 100

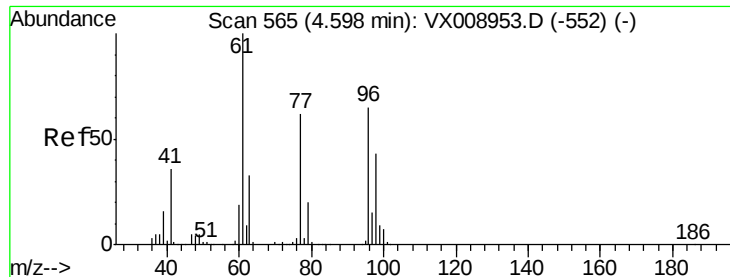
97 31.0 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



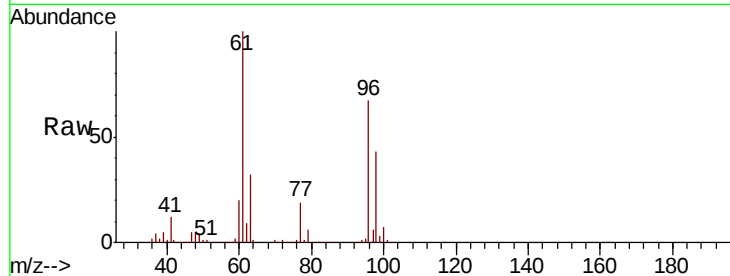


#27

cis-1,2-Dichloroethene
Concen: 167.136 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX009000.D
Acq: 16 Apr 2019 20:07

Instrument :
MSVOA_X
ClientSampleId :
SS040MW318-190410MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.9	0.0	322.0
98	64.2	0.0	128.4

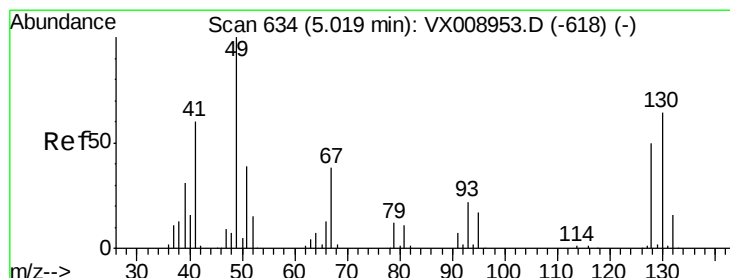
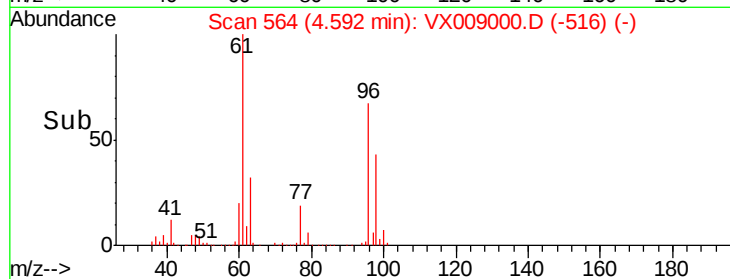
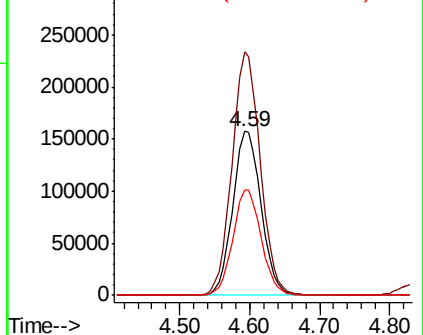


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

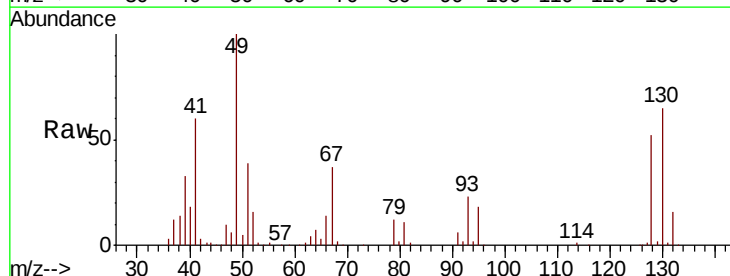
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 56.043 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX009000.D
Acq: 16 Apr 2019 20:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.6
130	63.3	50.4	75.6

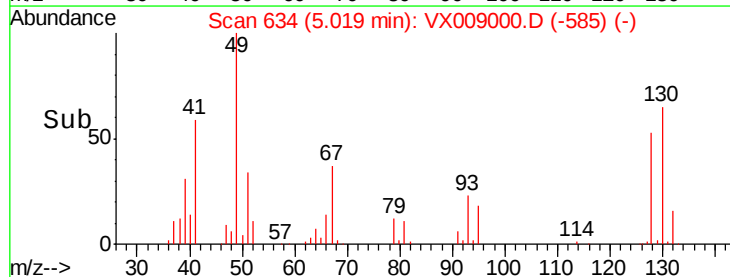
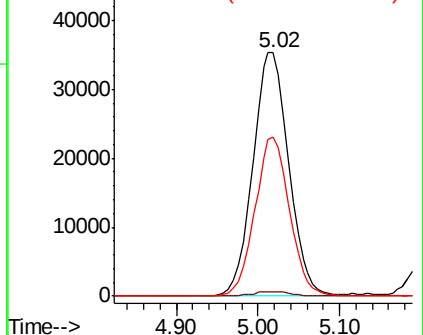


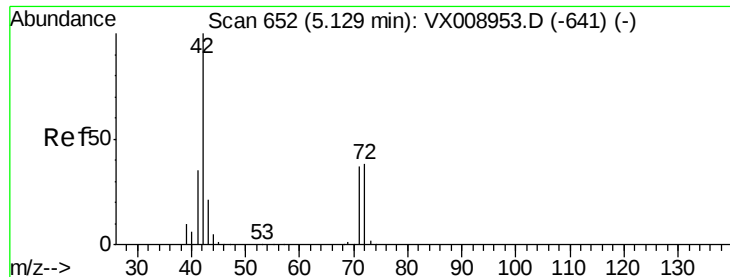
Abundance

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: 259.831 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

SS040MW318-190410MSD

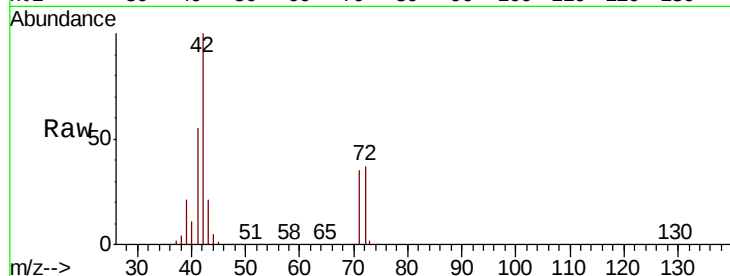
Tot Ion: 42 Resp: 415196

Ion Ratio Lower Upper

42 100

72 37.3 30.6 45.8

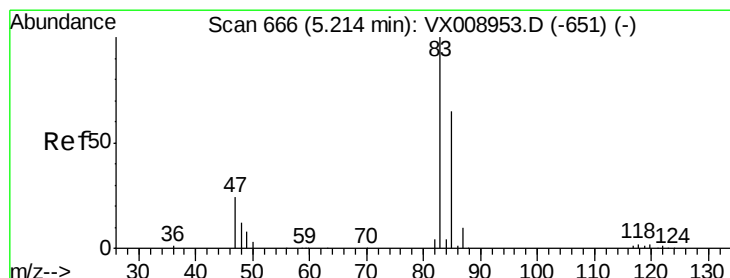
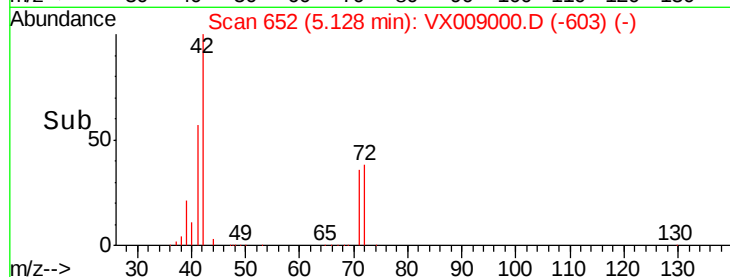
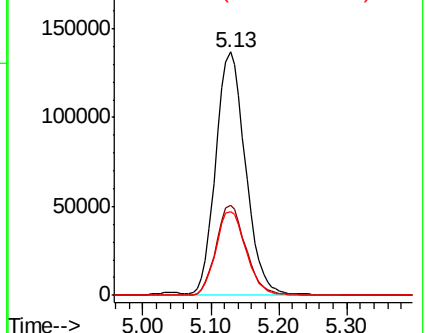
71 35.2 28.8 43.2



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: 51.425 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX009000.D

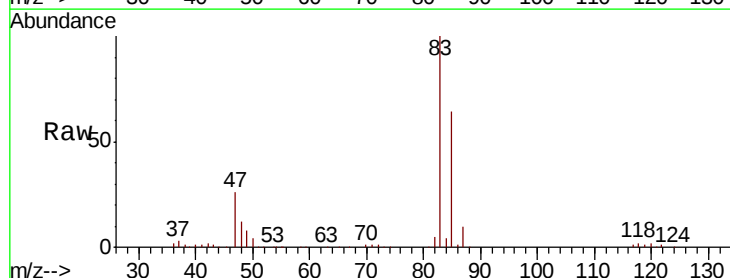
Acq: 16 Apr 2019 20:07

Tgt Ion: 83 Resp: 214634

Ion Ratio Lower Upper

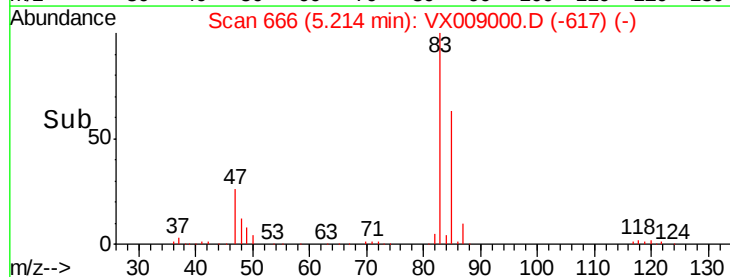
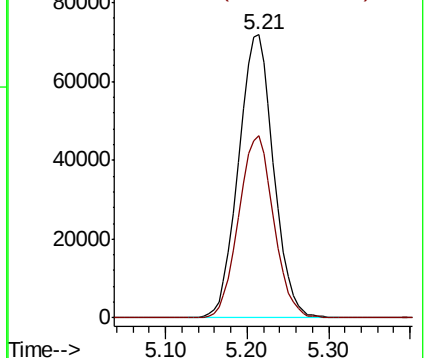
83 100

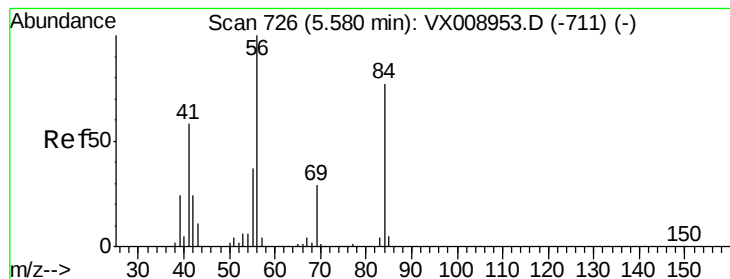
85 64.4 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 50.782 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

SS040MW318-190410MSD

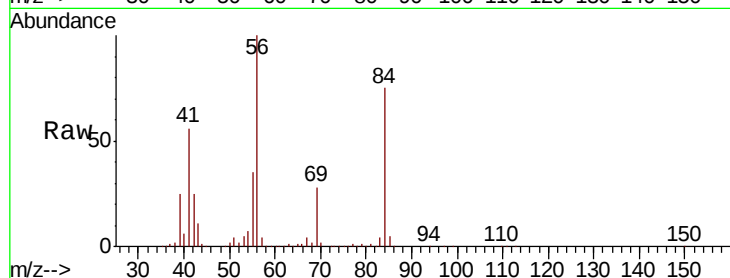
Tot Ion: 56 Resp: 232960

Ion Ratio Lower Upper

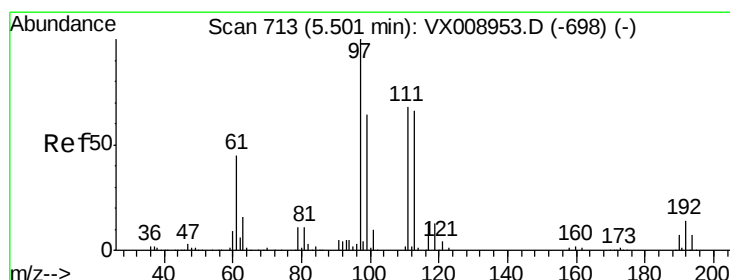
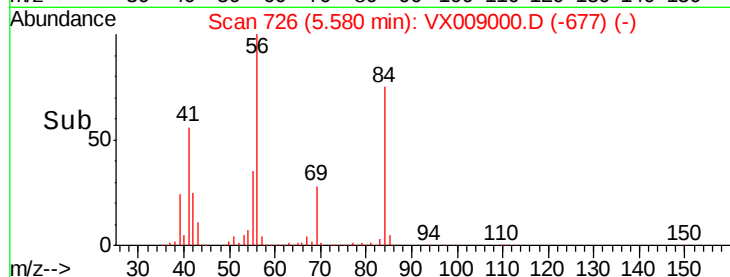
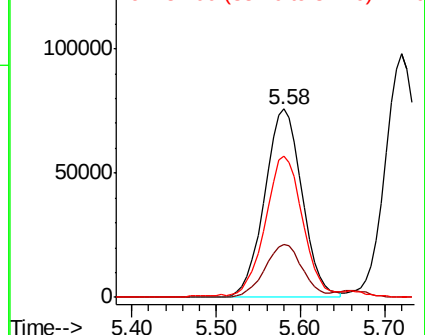
56 100

69 28.3 23.3 34.9

84 74.5 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: 51.262 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

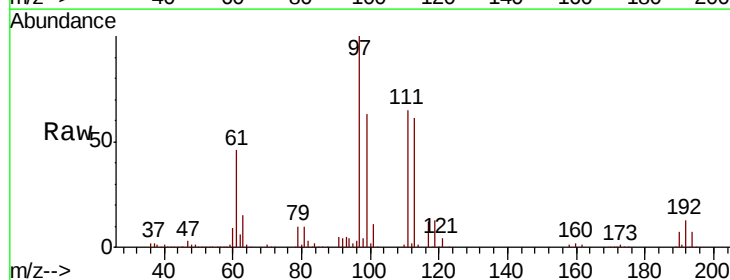
Tgt Ion: 97 Resp: 177325

Ion Ratio Lower Upper

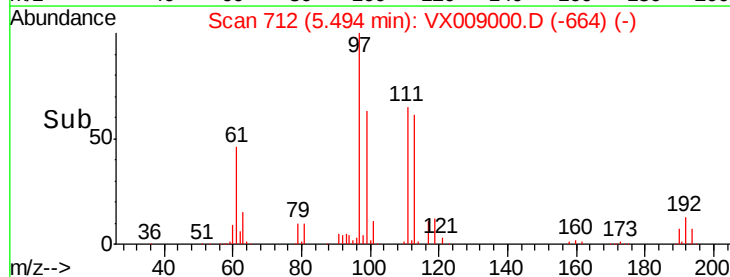
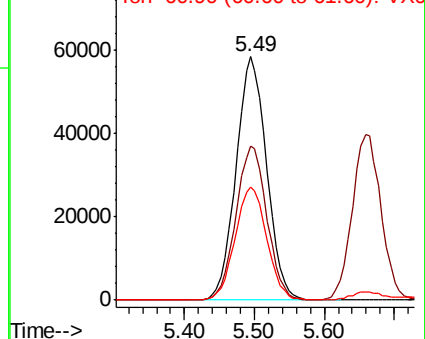
97 100

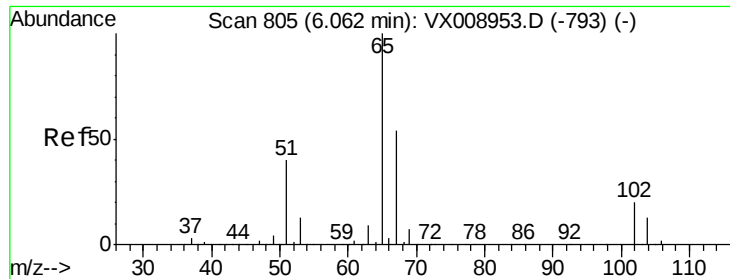
99 64.1 51.6 77.4

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

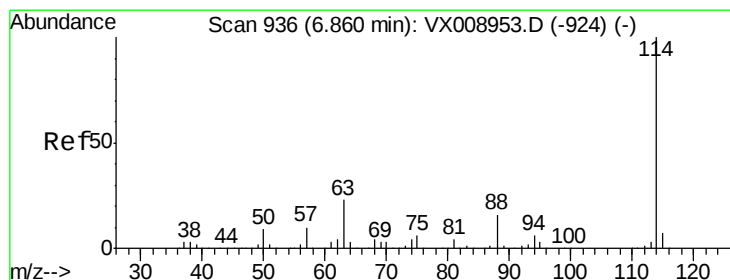
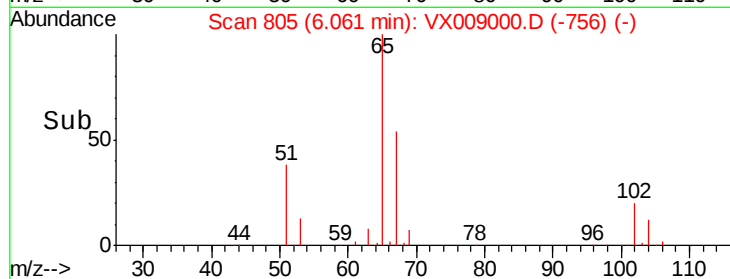
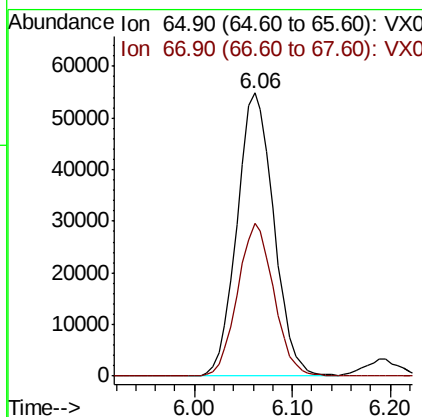
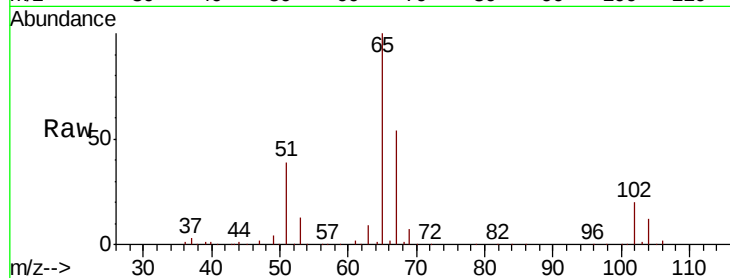




#33
 1,2-Dichloroethane-d4
 Concen: 49.874 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009000.D
 Acq: 16 Apr 2019 20:07

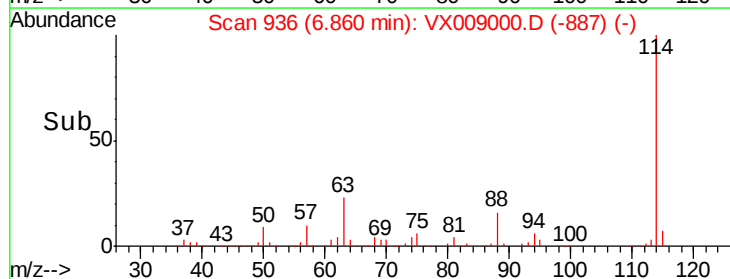
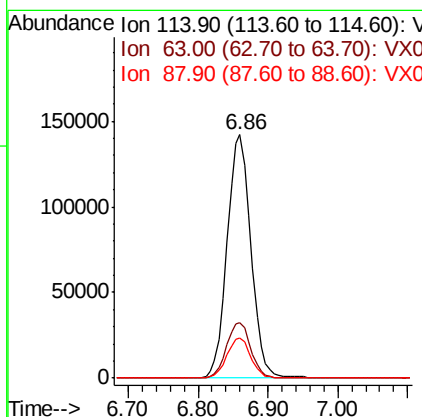
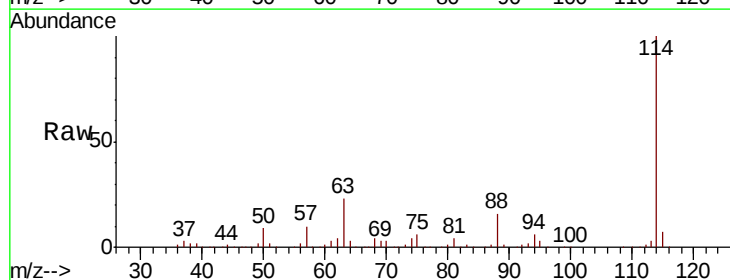
Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW318-190410MSD

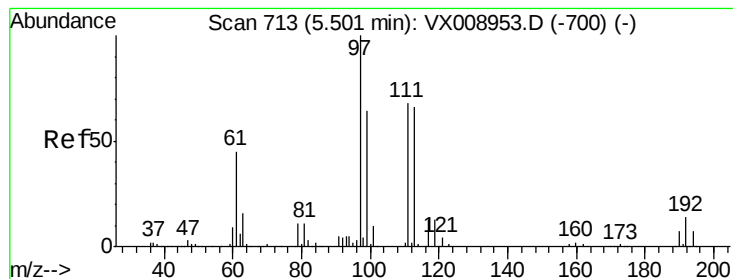
Tot Ion: 65 Resp: 143647
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009000.D
 Acq: 16 Apr 2019 20:07

Tgt Ion: 114 Resp: 336608
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 46.0
 88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.581 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

SS040MW318-190410MSD

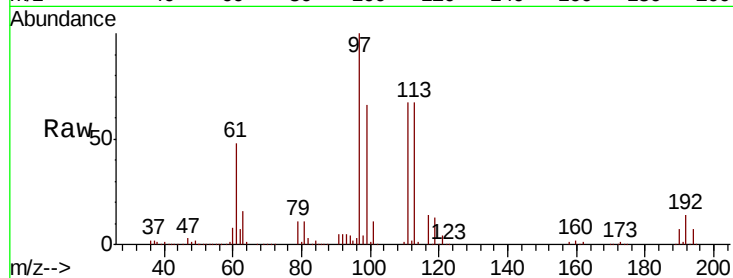
Tot Ion:113 Resp: 104947

Ion Ratio Lower Upper

113 100

111 102.3 82.9 124.3

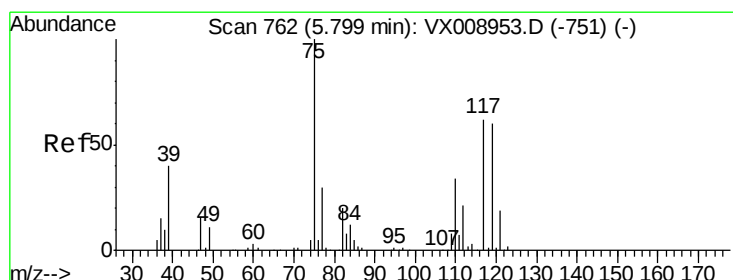
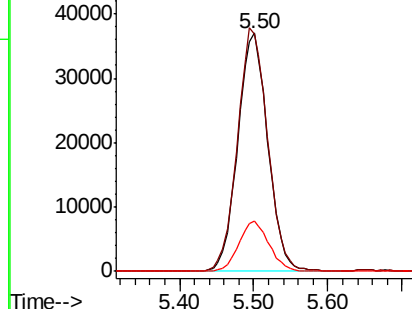
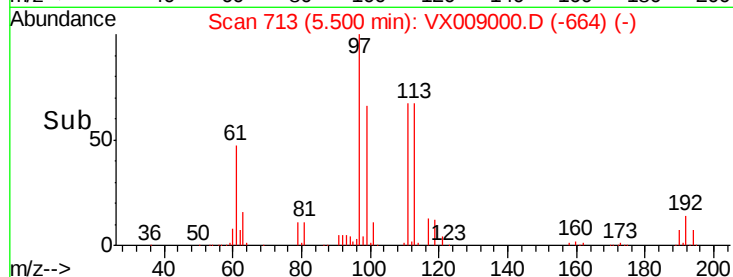
192 21.0 17.4 26.0



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: 47.967 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

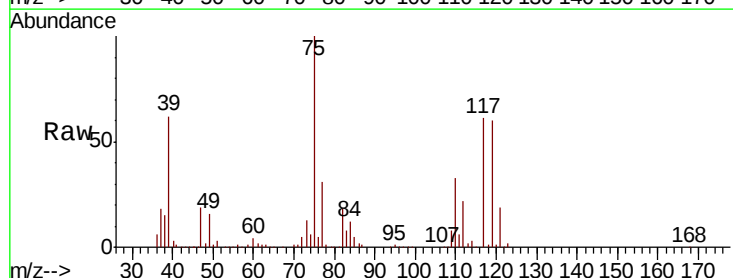
Tgt Ion: 75 Resp: 166984

Ion Ratio Lower Upper

75 100

110 33.2 16.9 50.7

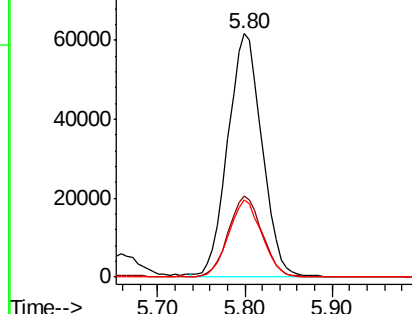
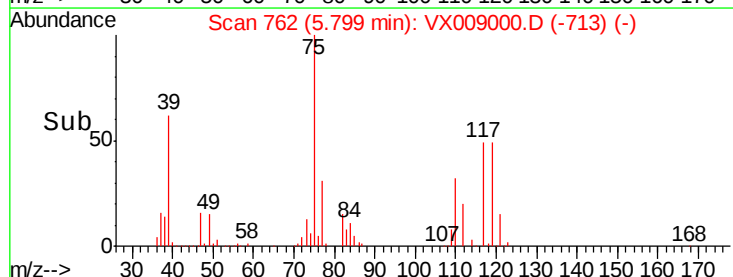
77 31.0 25.0 37.4

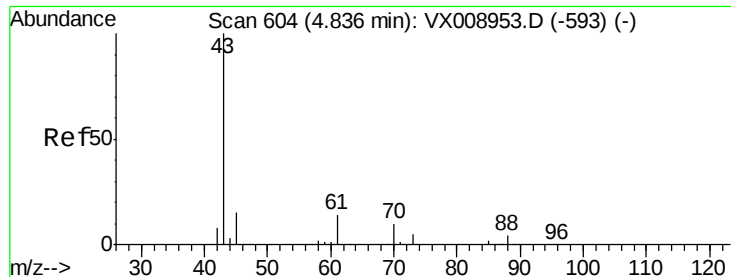


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

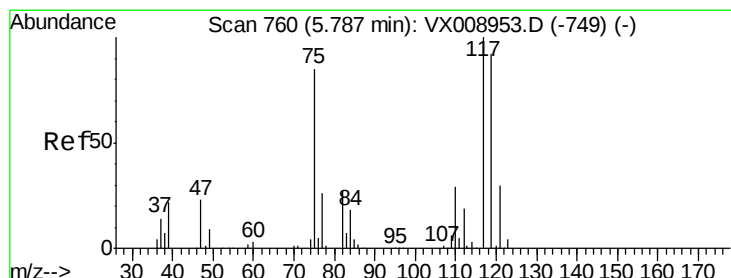
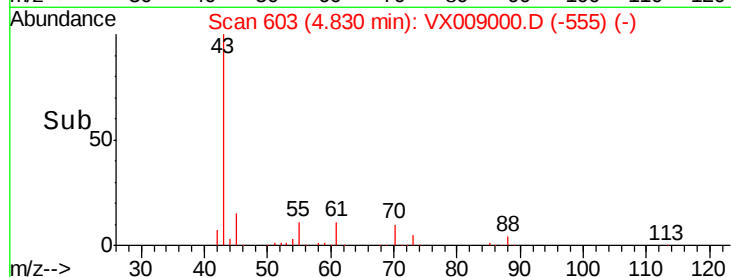
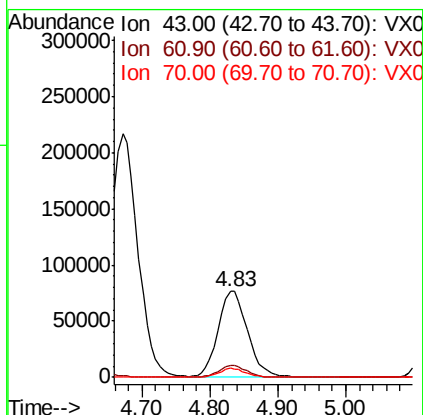
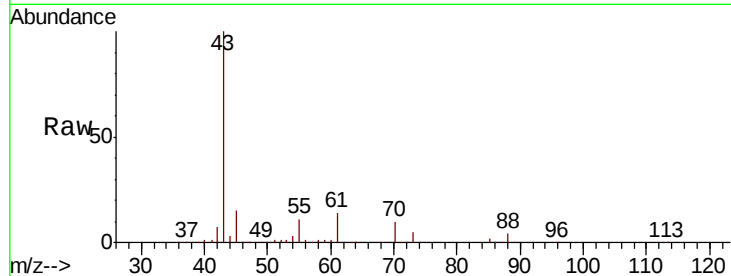




#37
Ethyl Acetate
Concen: 51.414 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX009000.D
Acq: 16 Apr 2019 20:07

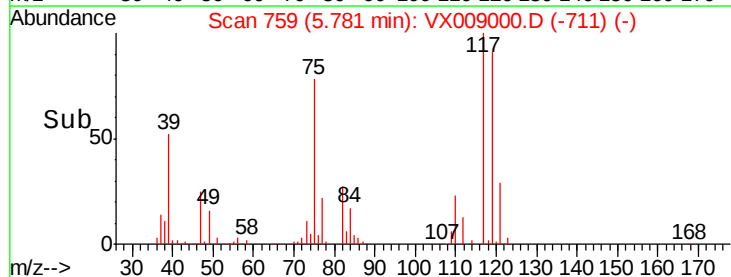
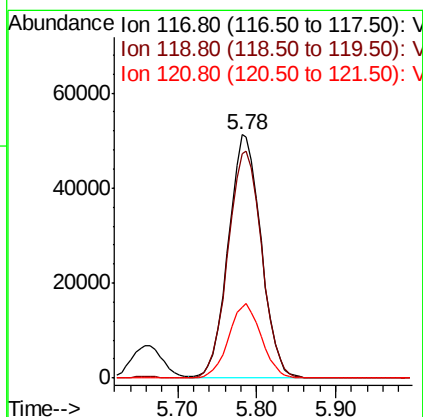
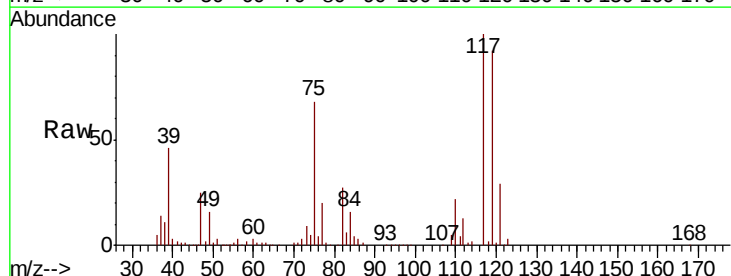
Instrument :
MSVOA_X
ClientSampleId :
SS040MW318-190410MSD

Tot Ion: 43 Resp: 230311
Ion Ratio Lower Upper
43 100
61 12.8 10.6 15.8
70 9.7 7.7 11.5



#38
Carbon Tetrachloride
Concen: 50.186 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX009000.D
Acq: 16 Apr 2019 20:07

Tgt Ion: 117 Resp: 148115
Ion Ratio Lower Upper
117 100
119 91.9 73.8 110.8
121 29.1 23.6 35.4

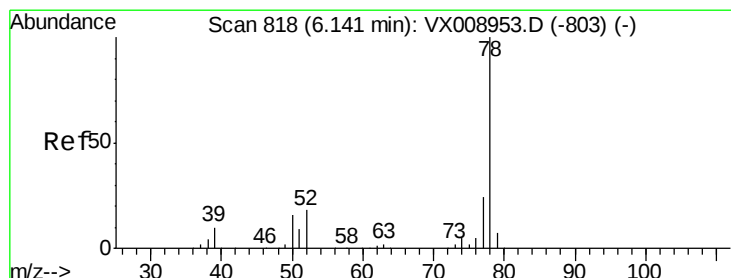
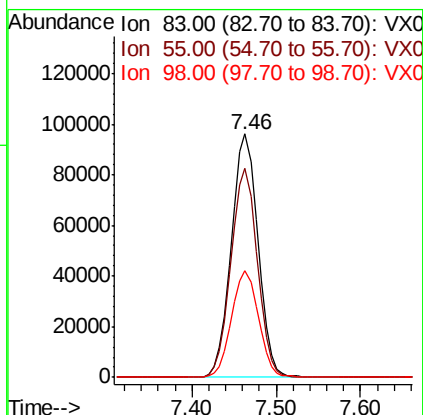
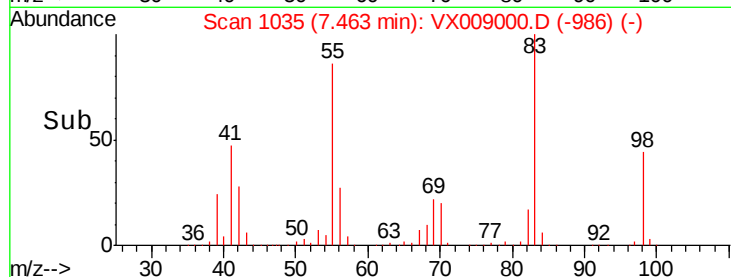
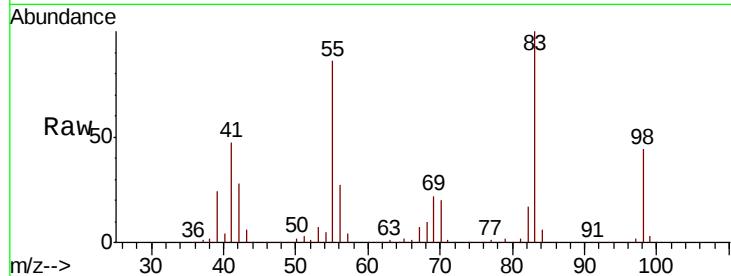




#39
Methylvlcvclohexane
Concen: 48.395 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009000.D
Acq: 16 Apr 2019 20:07

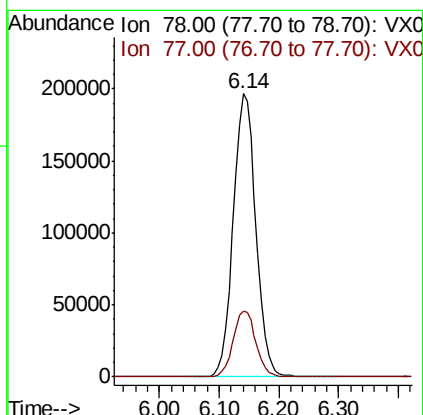
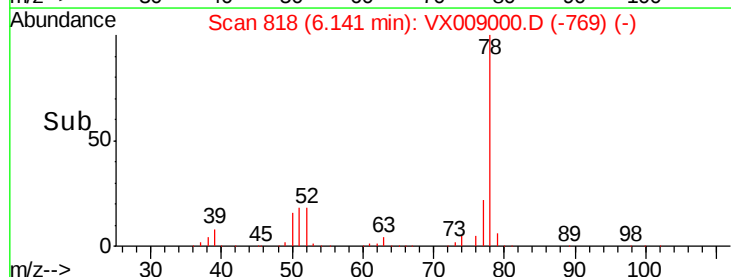
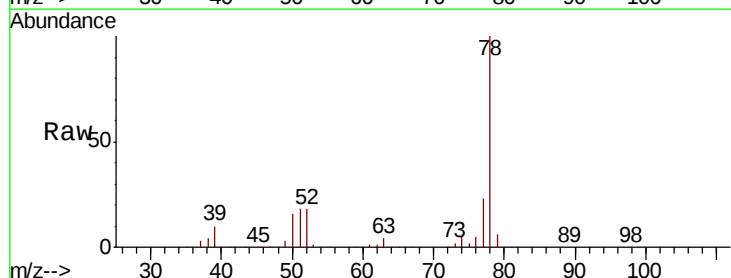
Instrument :
MSVOA_X
ClientSampleId :
SS040MW318-190410MSD

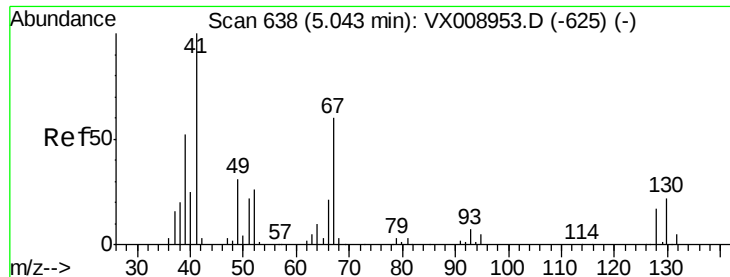
Tot Ion: 83 Resp: 205126
Ion Ratio Lower Upper
83 100
55 85.7 67.1 100.7
98 44.0 35.1 52.7



#40
Benzene
Concen: 50.492 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009000.D
Acq: 16 Apr 2019 20:07

Tgt Ion: 78 Resp: 518555
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6

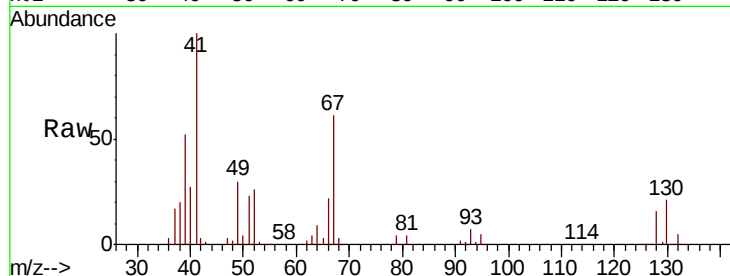




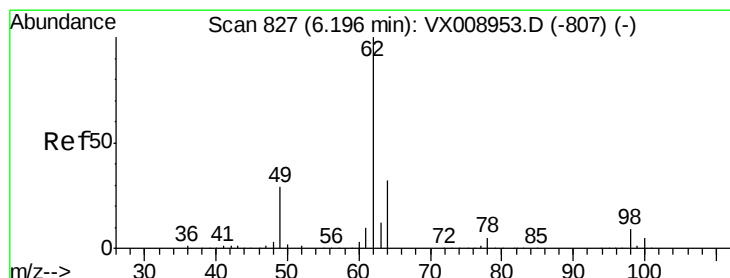
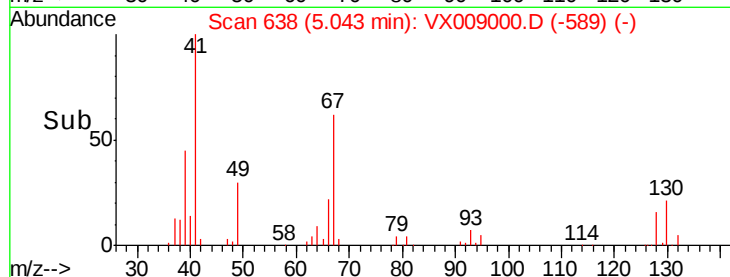
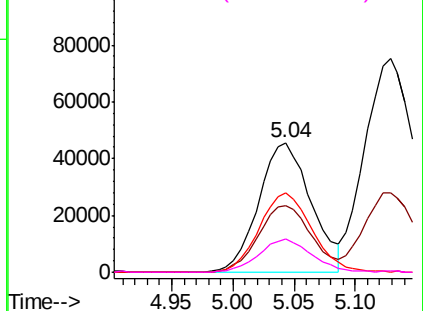
#41
Methacrylonitrile
Concen: 52.783 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009000.D
Acq: 16 Apr 2019 20:07

Instrument :
MSVOA_X
ClientSampleId :
SS040MW318-190410MSD

Tot Ion:	41	Resp:	135703
Ion	Ratio	Lower	Upper
41	100		
39	52.2	41.8	62.6
67	62.2	50.2	75.4
52	25.6	21.1	31.7

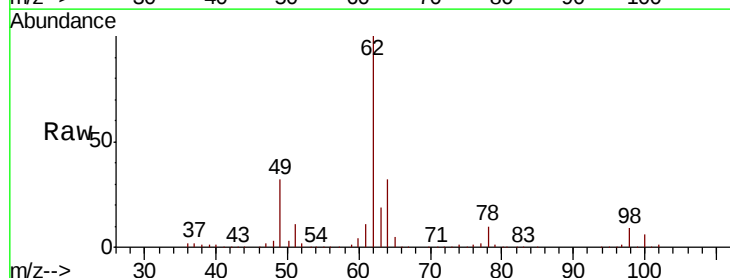


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

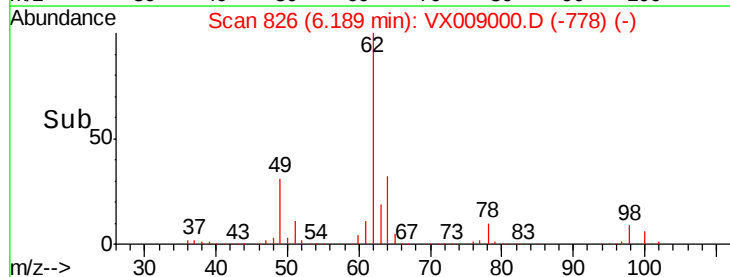
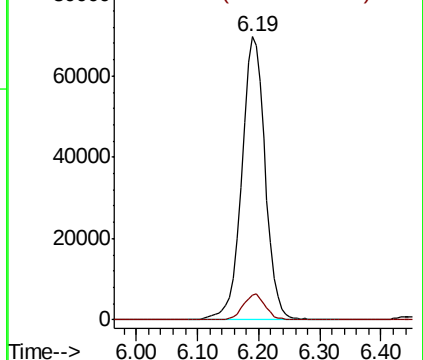


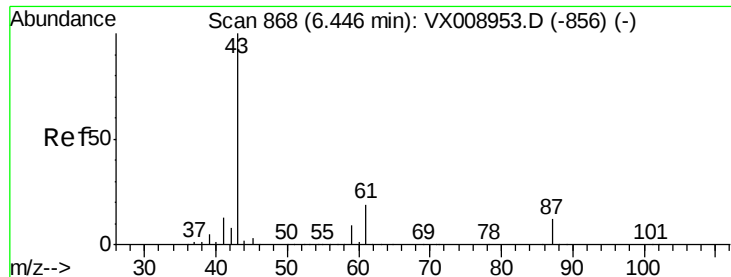
#42
1,2-Dichloroethane
Concen: 50.653 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX009000.D
Acq: 16 Apr 2019 20:07

Tgt Ion:	62	Resp:	184275
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.4



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



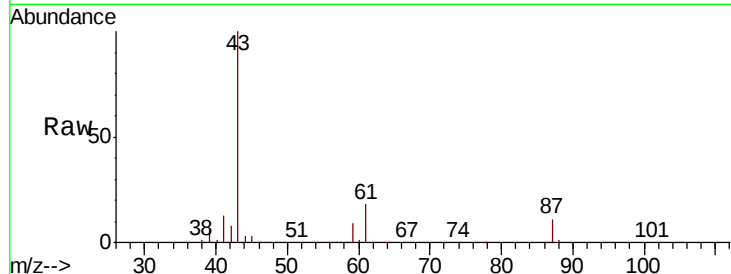


#43

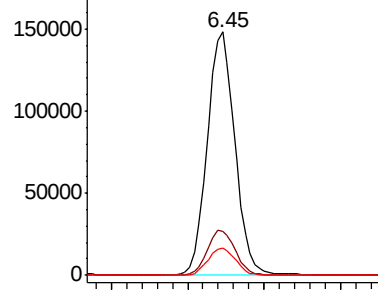
Isopropyl Acetate
 Concen: 51.225 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009000.D
 Acq: 16 Apr 2019 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW318-190410MSD

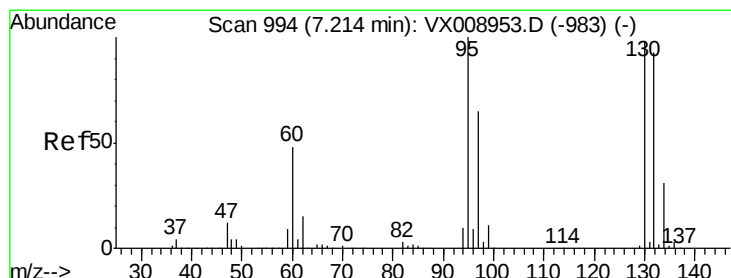
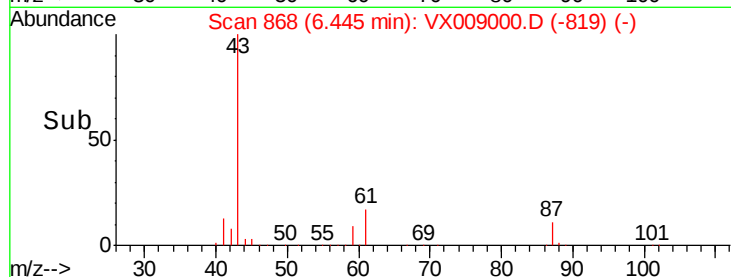
Tot Ion	43	61	87
Resp	369790		
Ratio	100	19.0	11.4
Lower		15.4	9.0
Upper		23.0	13.4



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



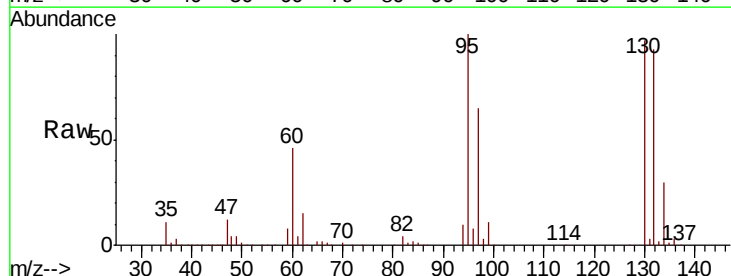
Time-->



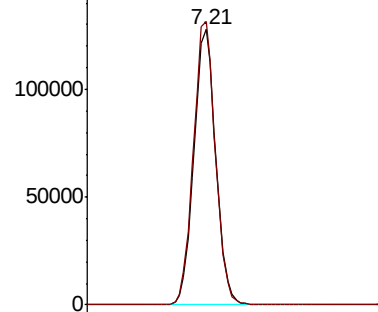
#44

Trichloroethene
 Concen: 107.664 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009000.D
 Acq: 16 Apr 2019 20:07

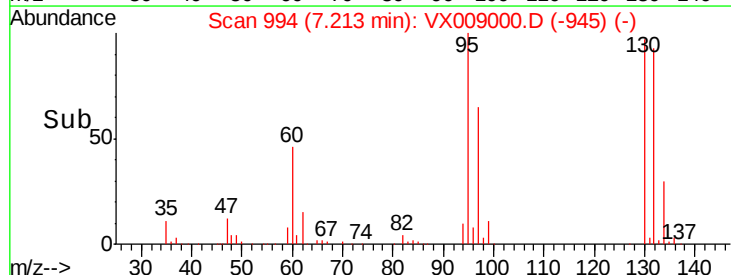
Tgt Ion	130	95
Resp	270920	
Ratio	100	102.9
Lower		0.0
Upper		203.2

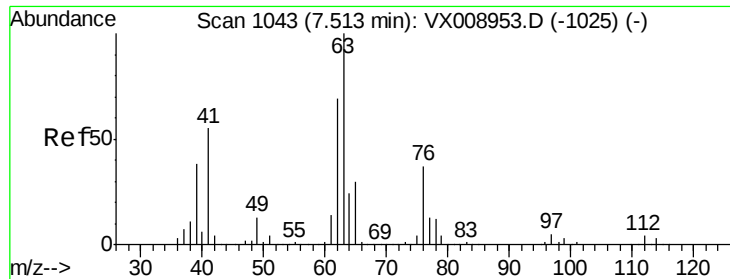


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0



Time-->





#45

1,2-Dichloropropane

Concen: 51.028 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

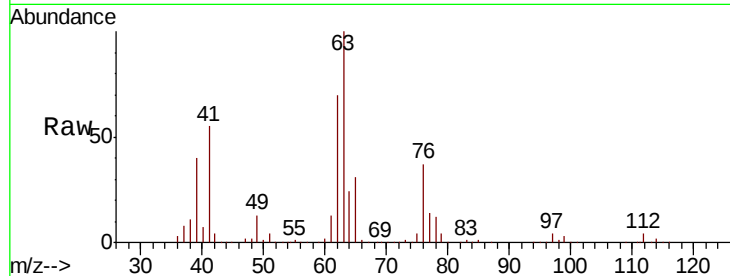
SS040MW318-190410MSD

Tot Ion: 63 Resp: 145387

Ion Ratio Lower Upper

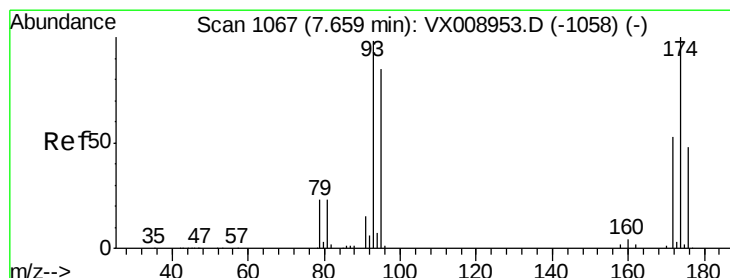
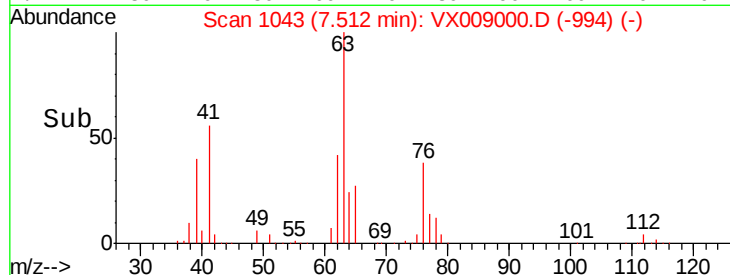
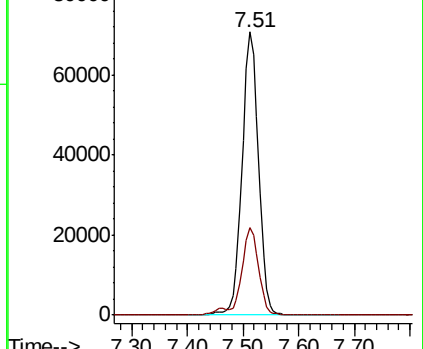
63 100

65 30.7 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.891 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

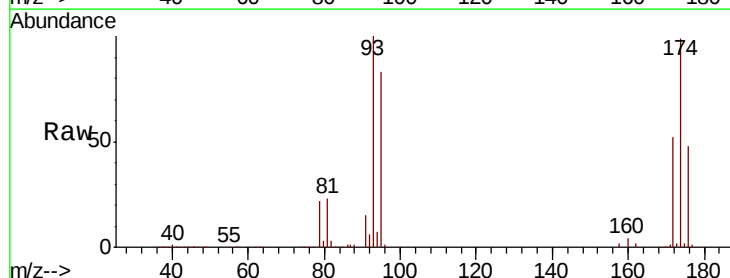
Tgt Ion: 93 Resp: 82726

Ion Ratio Lower Upper

93 100

95 83.1 67.0 100.4

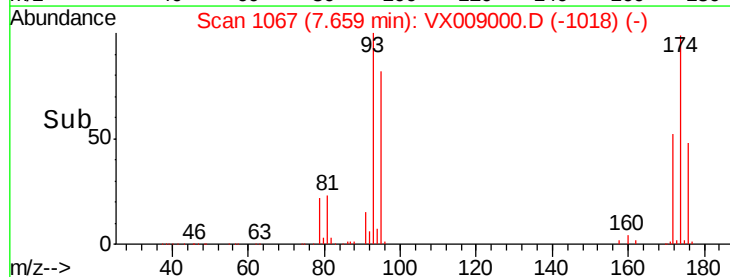
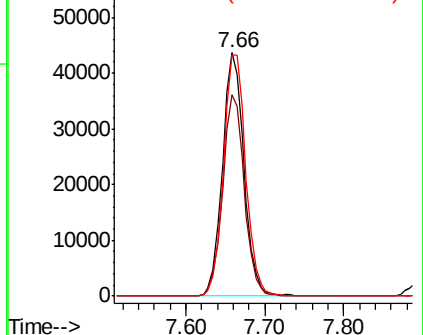
174 102.8 81.6 122.4

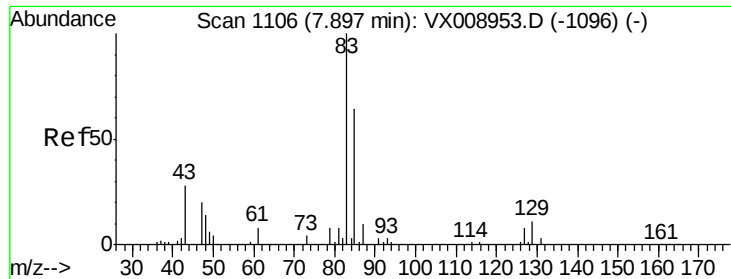


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.499 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

SS040MW318-190410MSD

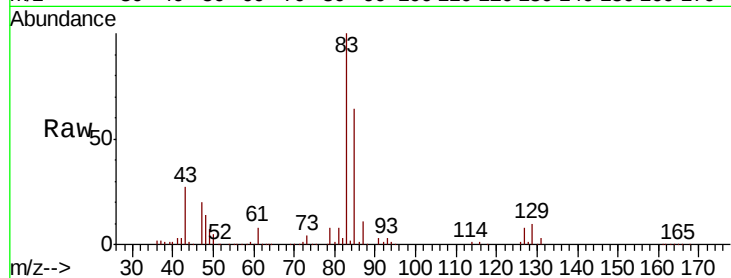
Tot Ion: 83 Resp: 167486

Ion Ratio Lower Upper

83 100

85 64.4 50.8 76.2

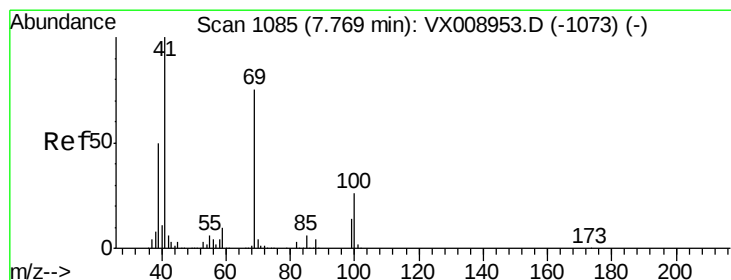
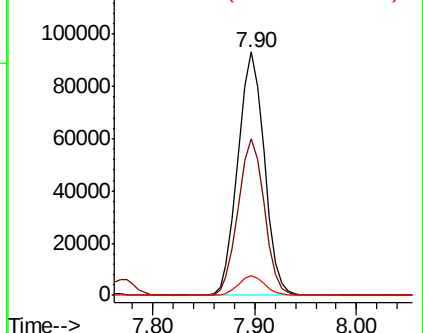
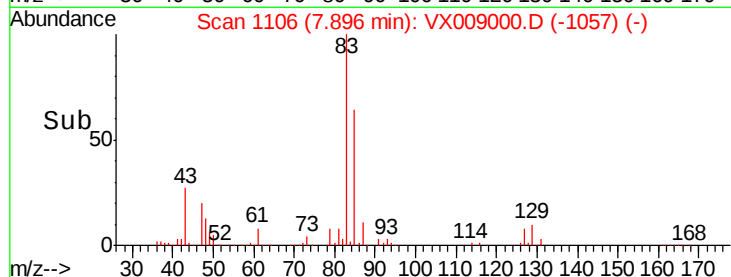
127 8.0 6.4 9.6



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: 53.611 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

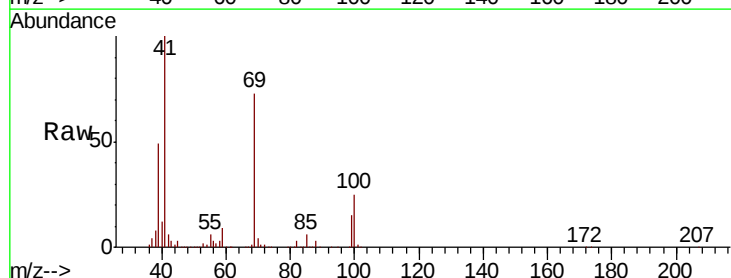
Tgt Ion: 41 Resp: 191226

Ion Ratio Lower Upper

41 100

69 73.0 59.4 89.2

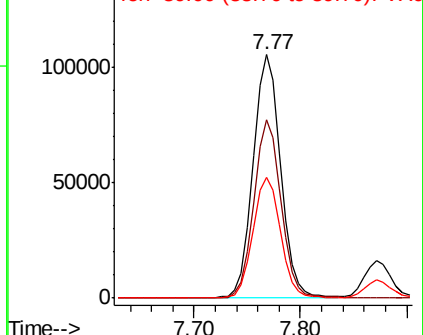
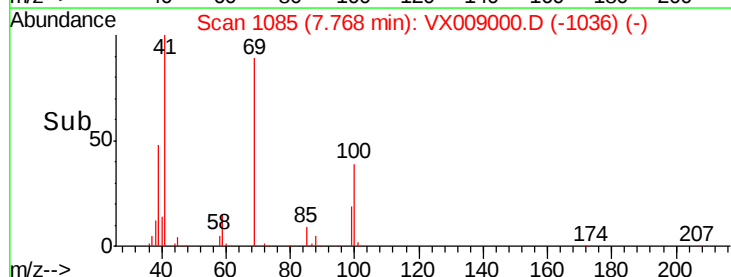
39 49.7 39.8 59.6

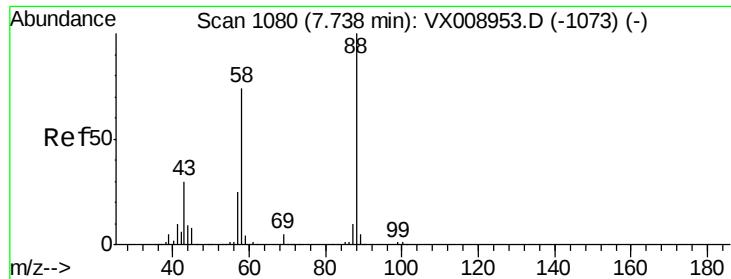


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 883.668 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

SS040MW318-190410MSD

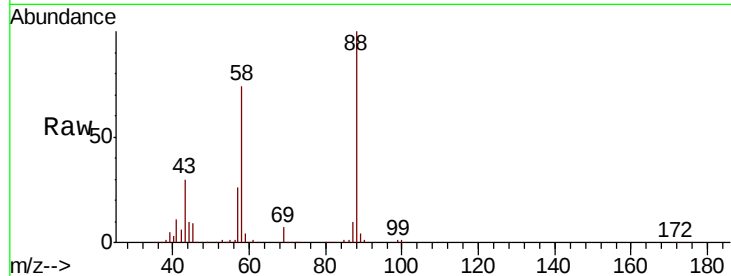
Tot Ion: 88 Resp: 58995

Ion Ratio Lower Upper

88 100

43 37.2 29.3 43.9

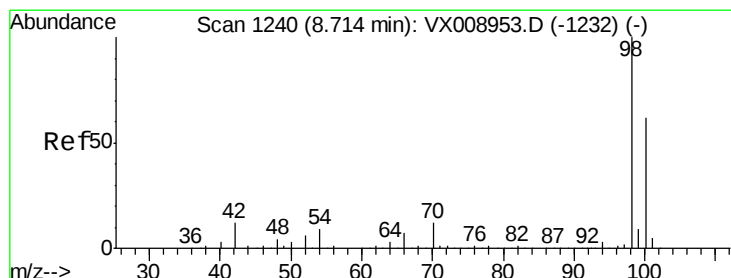
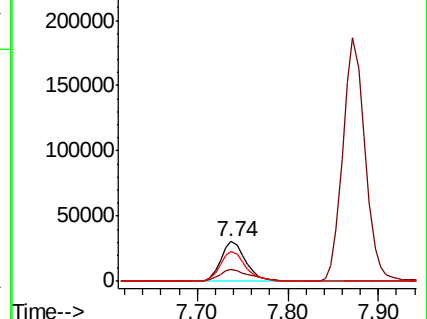
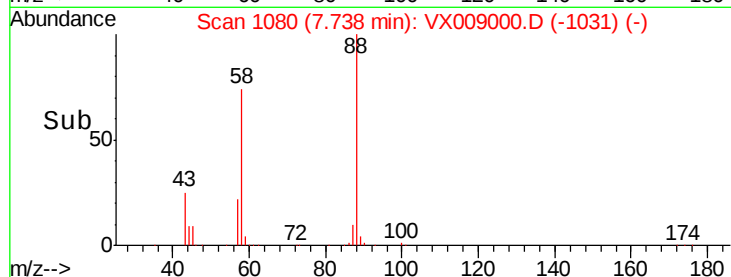
58 77.5 62.6 93.8



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.556 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009000.D

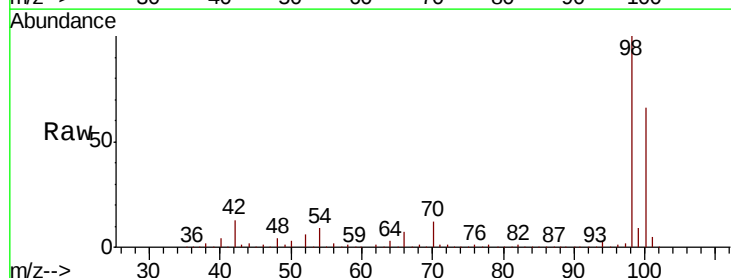
Acq: 16 Apr 2019 20:07

Tgt Ion: 98 Resp: 426938

Ion Ratio Lower Upper

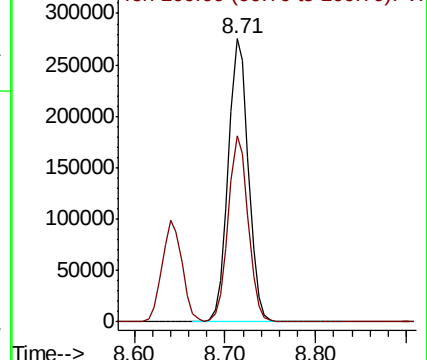
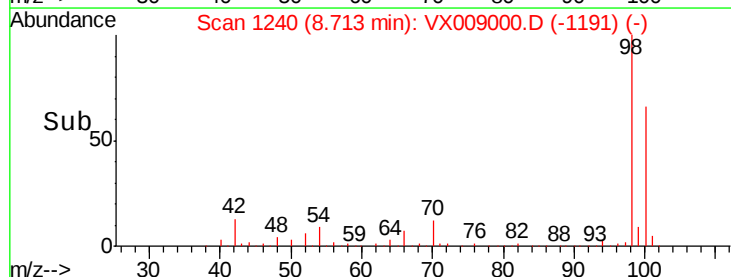
98 100

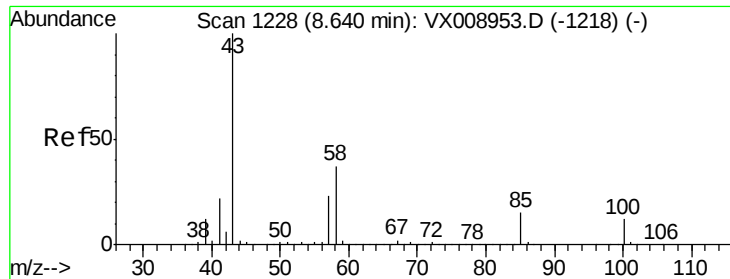
100 65.2 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

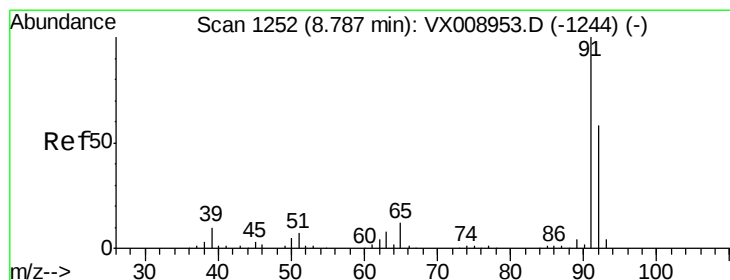
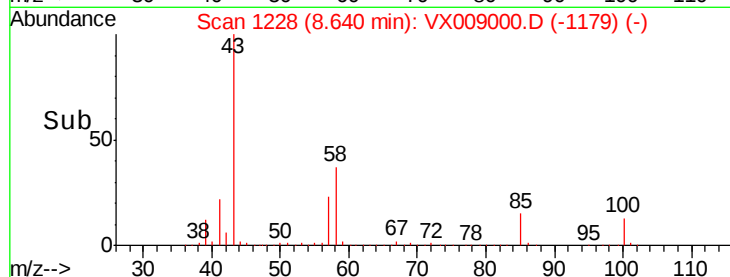
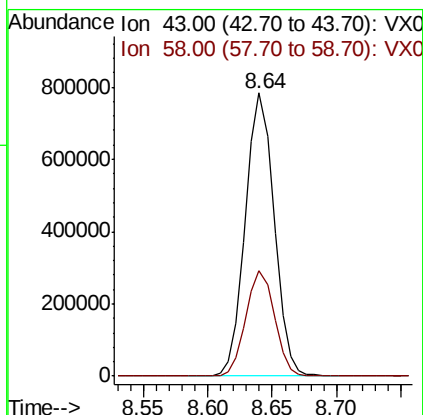
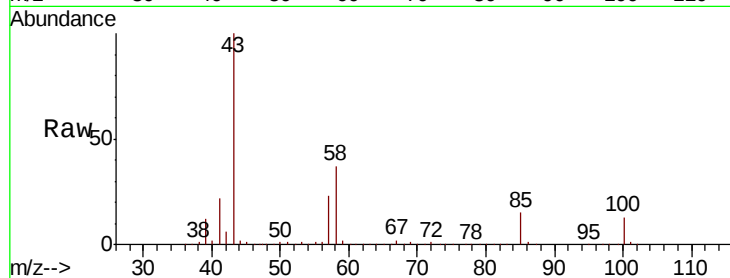




#51
4-Methyl-2-Pentanone
Concen: 262.880 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009000.D
Acq: 16 Apr 2019 20:07

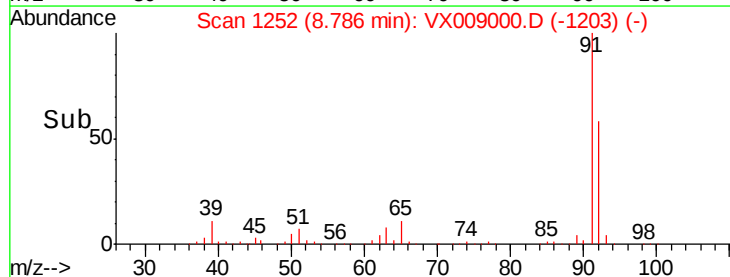
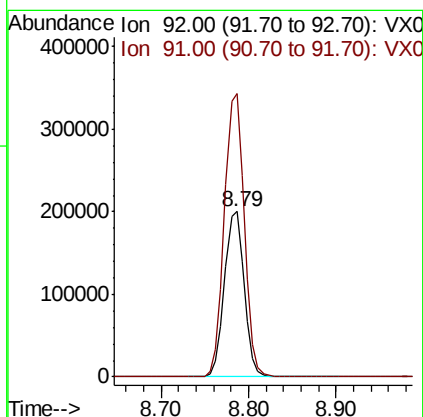
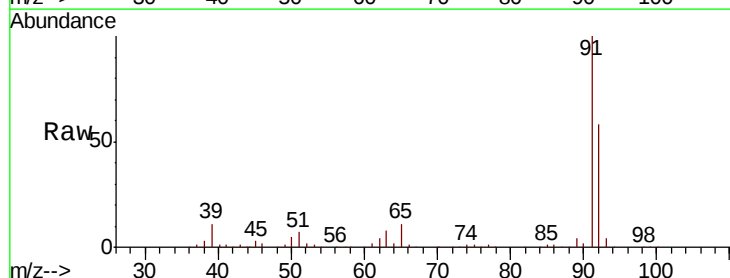
Instrument :
MSVOA_X
ClientSampleId :
SS040MW318-190410MSD

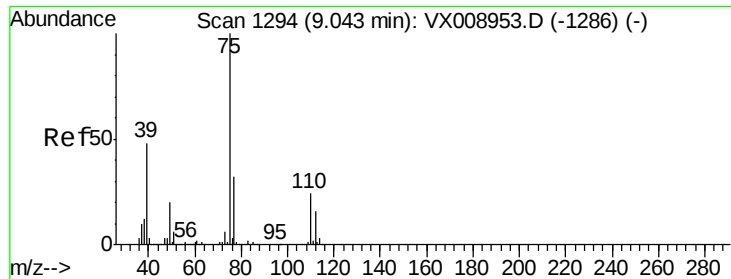
Tot Ion: 43 Resp: 1208976
Ion Ratio Lower Upper
43 100
58 37.1 29.8 44.6



#52
Toluene
Concen: 51.042 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX009000.D
Acq: 16 Apr 2019 20:07

Tgt Ion: 92 Resp: 314159
Ion Ratio Lower Upper
92 100
91 172.3 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 51.617 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

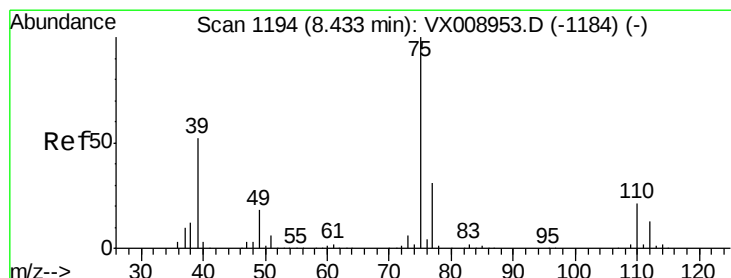
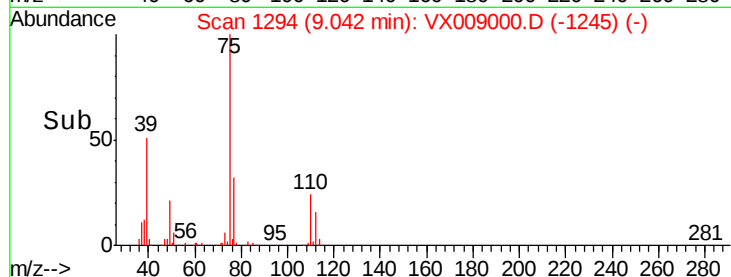
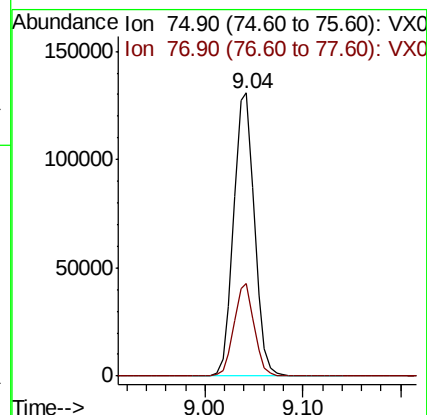
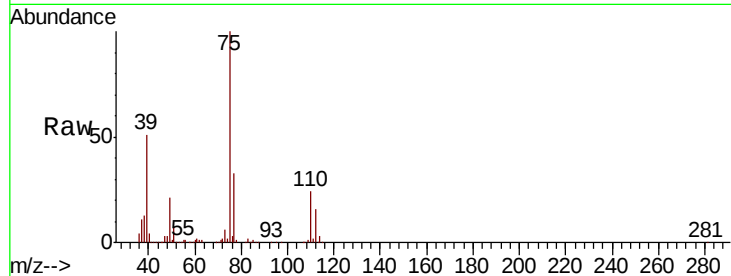
SS040MW318-190410MSD

Tot Ion: 75 Resp: 193195

Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 50.361 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

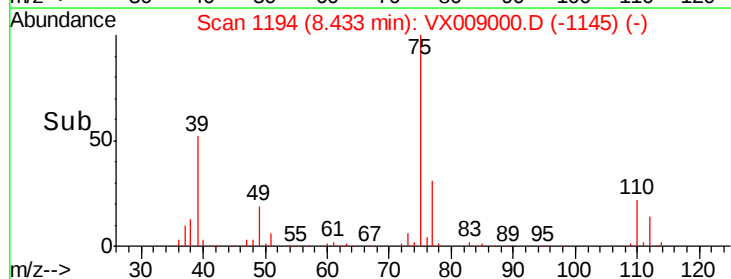
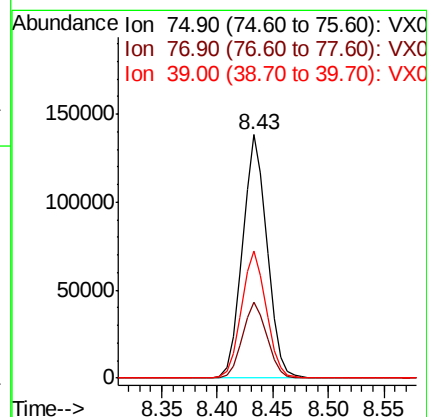
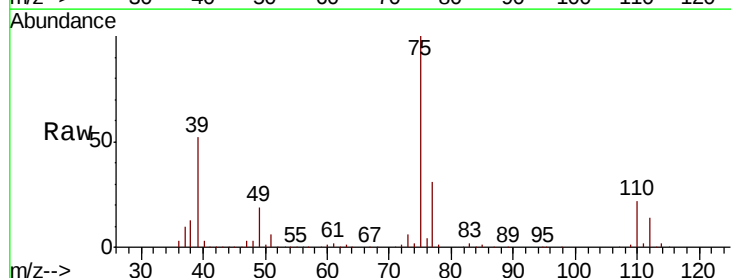
Tgt Ion: 75 Resp: 211061

Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2

39 52.3 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 50.985 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

SS040MW318-190410MSD

Tot Ion: 97 Resp: 124373

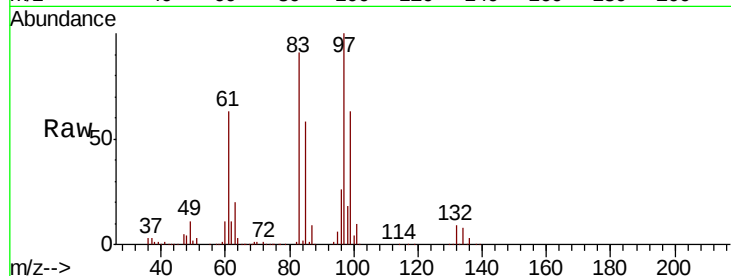
Ion Ratio Lower Upper

97 100

83 90.5 72.6 108.8

85 57.8 46.9 70.3

99 62.8 51.0 76.6

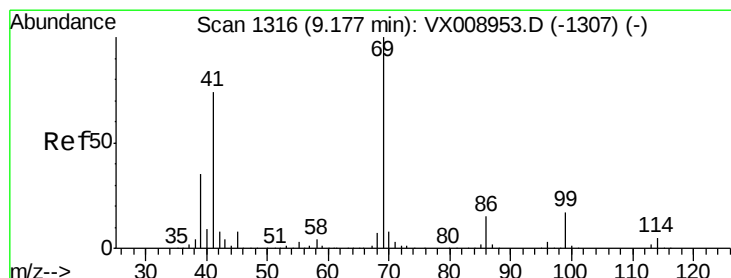
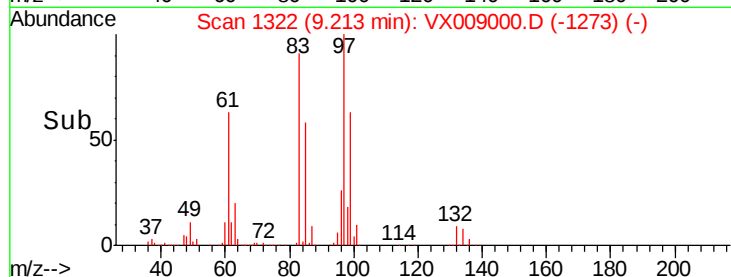
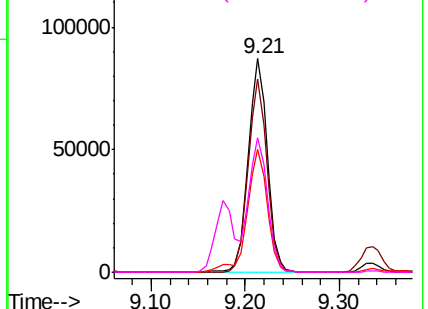


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 53.762 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

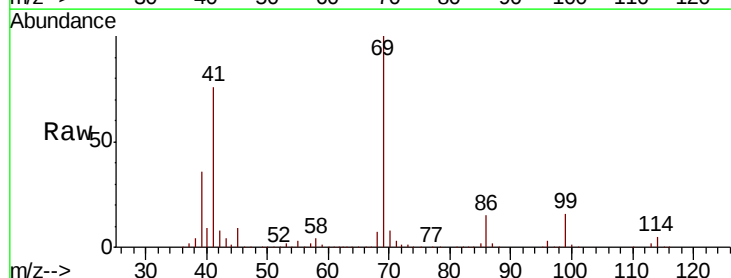
Tgt Ion: 69 Resp: 235157

Ion Ratio Lower Upper

69 100

41 75.7 60.2 90.2

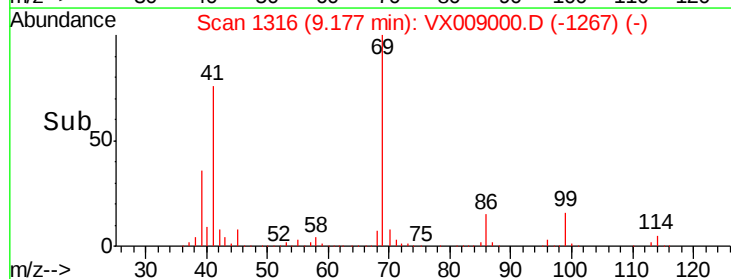
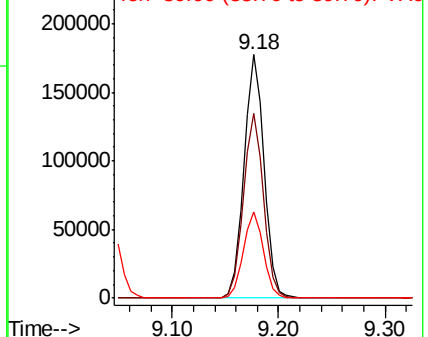
39 35.6 27.9 41.9

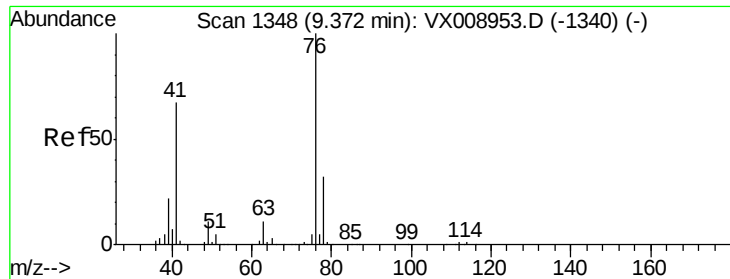


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

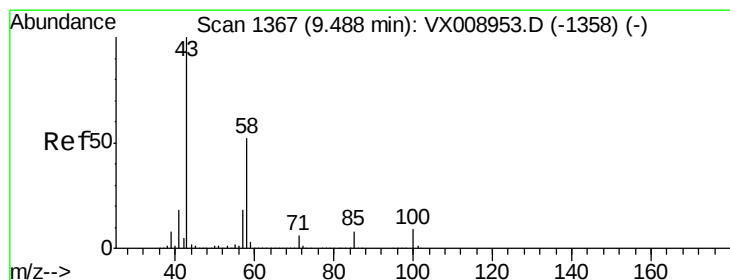
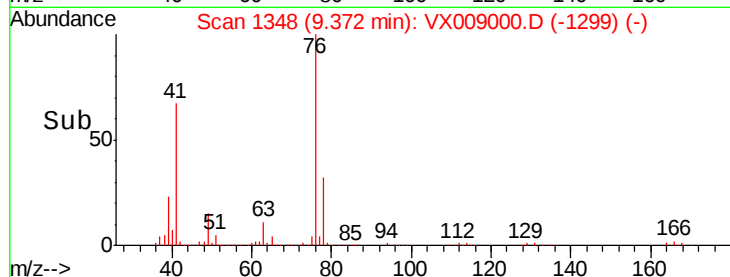
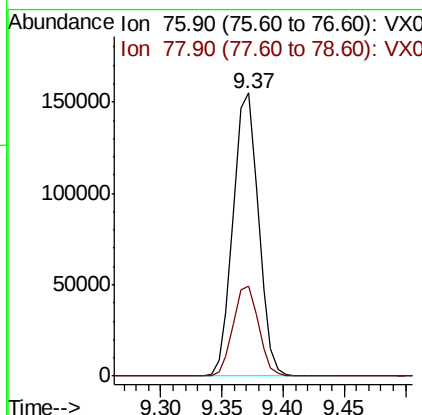
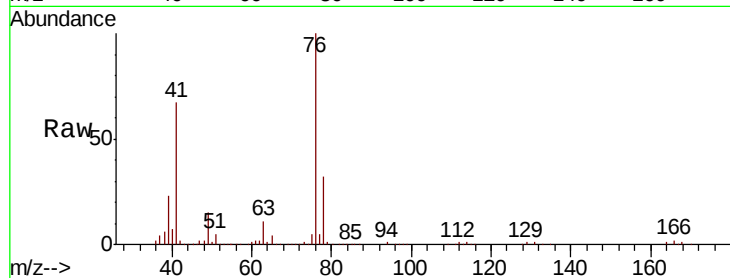




#57
 1,3-Dichloropropane
 Concen: 51.295 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009000.D
 Acq: 16 Apr 2019 20:07

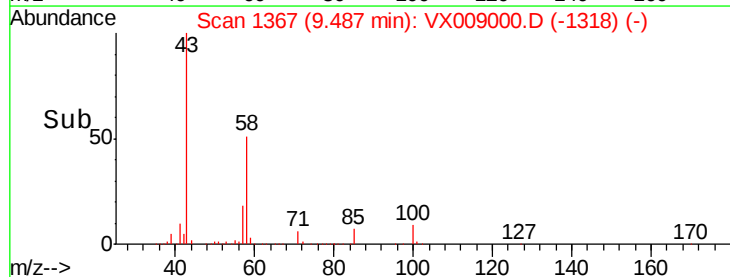
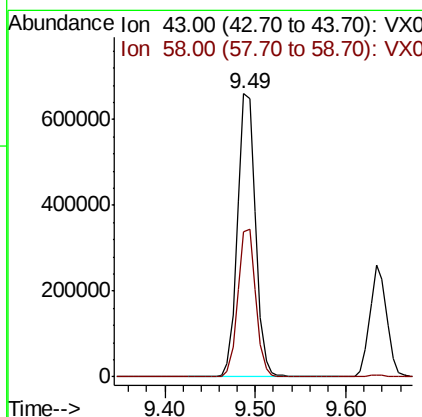
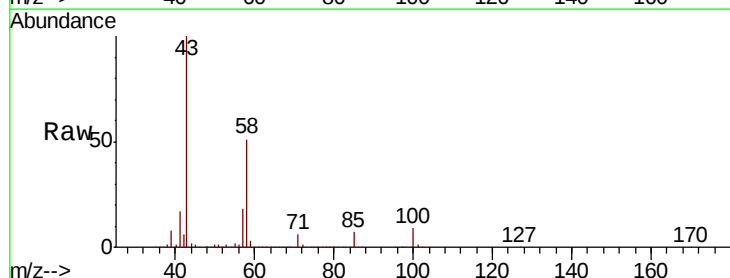
Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW318-190410MSD

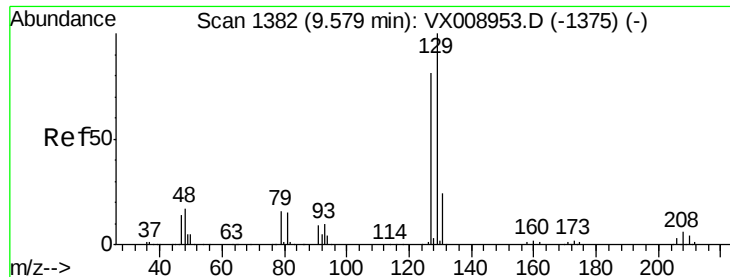
Tot Ion: 76 Resp: 222790
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.7 38.5



#59
 2-Hexanone
 Concen: 256.741 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VX009000.D
 Acq: 16 Apr 2019 20:07

Tgt Ion: 43 Resp: 910328
 Ion Ratio Lower Upper
 43 100
 58 51.8 25.9 77.8





#60

Dibromochloromethane

Concen: 53.202 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

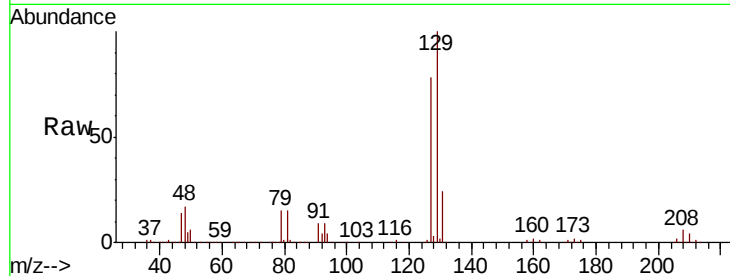
SS040MW318-190410MSD

Tot Ion:129 Resp: 124383

Ion Ratio Lower Upper

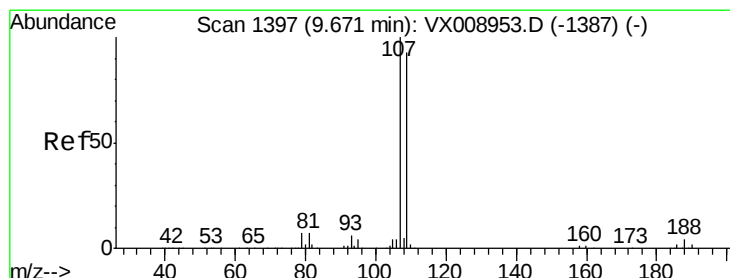
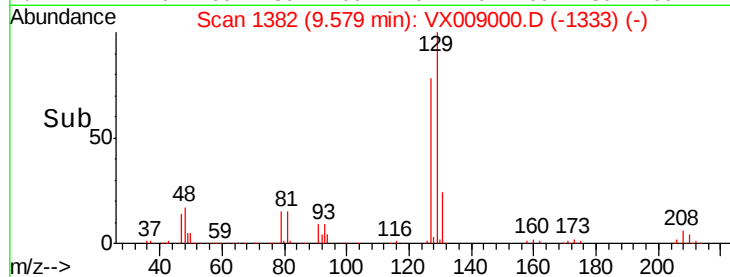
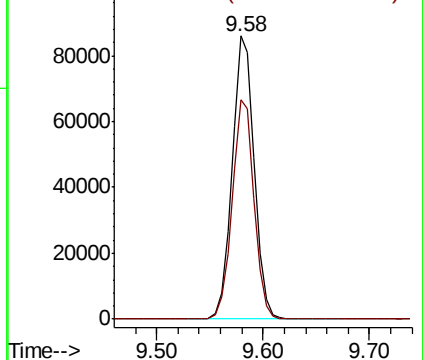
129 100

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: 51.006 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009000.D

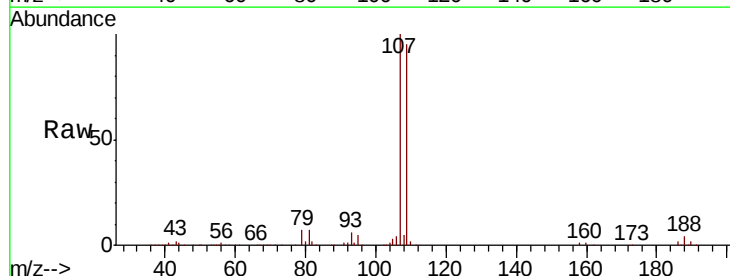
Acq: 16 Apr 2019 20:07

Tgt Ion:107 Resp: 128417

Ion Ratio Lower Upper

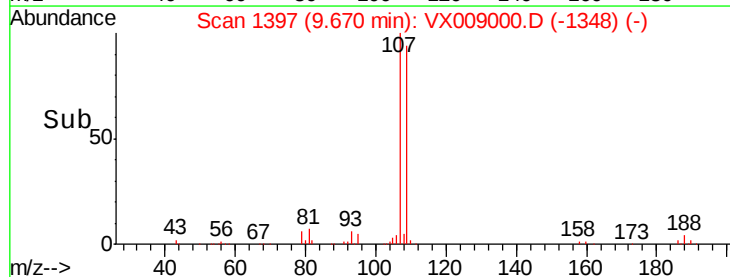
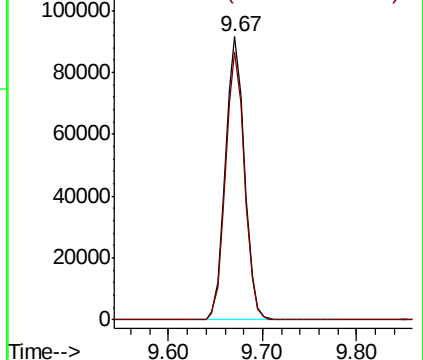
107 100

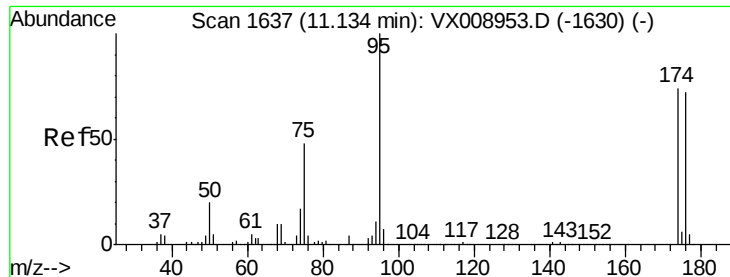
109 94.4 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 51.221 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

SS040MW318-190410MSD

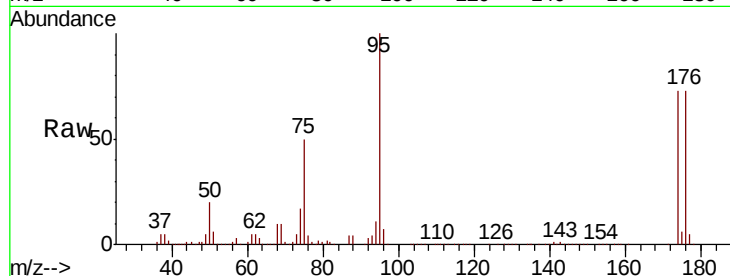
Tot Ion: 95 Resp: 155774

Ion Ratio Lower Upper

95 100

174 78.6 0.0 159.6

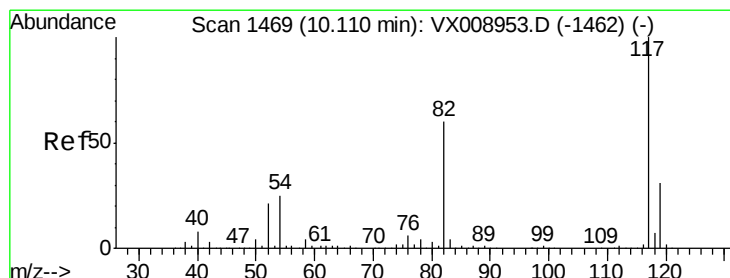
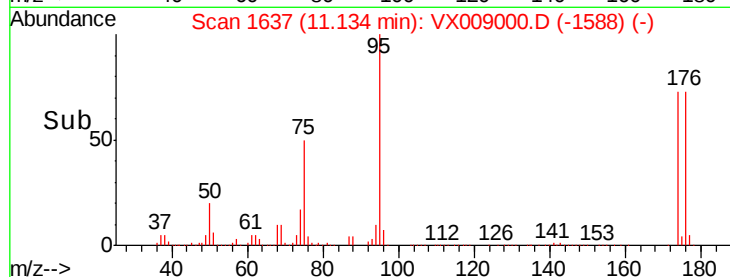
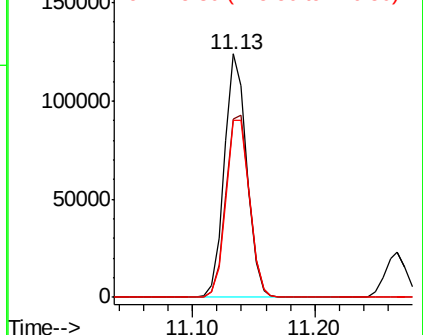
176 76.8 0.0 154.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

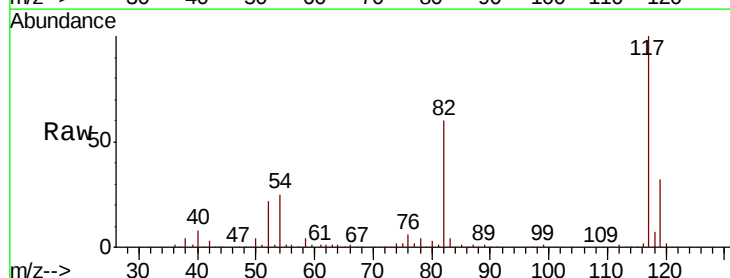
Tgt Ion: 117 Resp: 303857

Ion Ratio Lower Upper

117 100

82 59.7 48.2 72.4

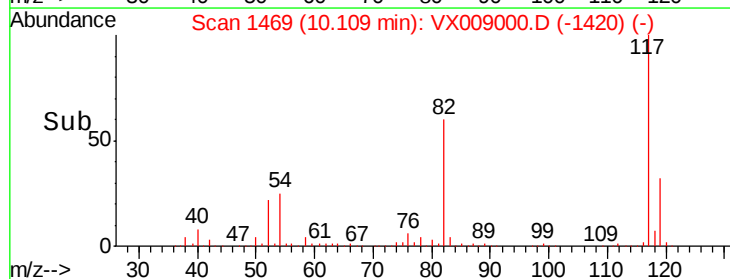
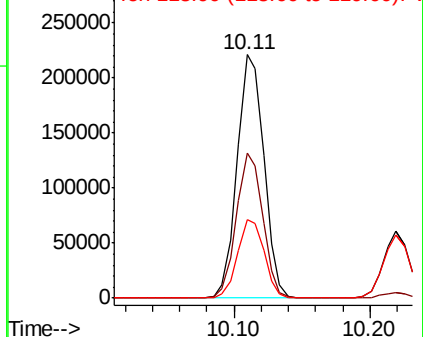
119 32.1 25.0 37.6

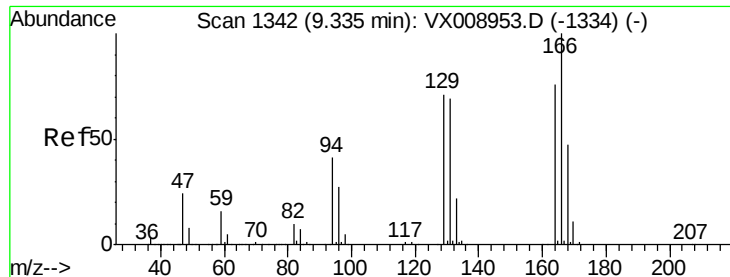


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 268.085 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

SS040MW318-190410MSD

Tot Ion:164 Resp: 618833

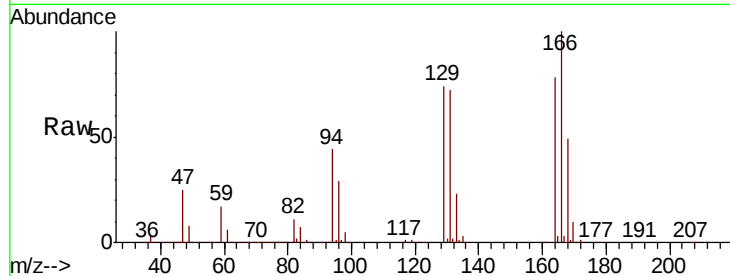
Ion Ratio Lower Upper

164 100

166 128.5 105.0 157.4

129 94.7 74.2 111.4

131 92.4 72.2 108.2

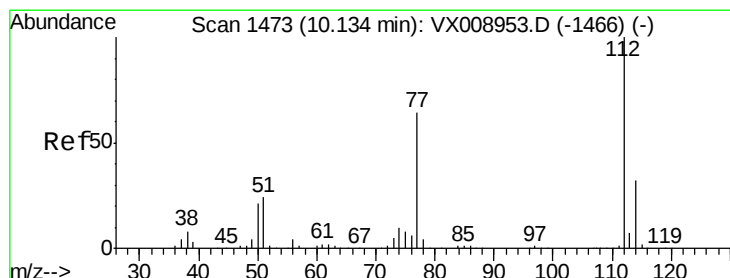
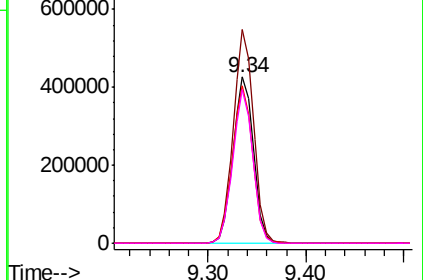
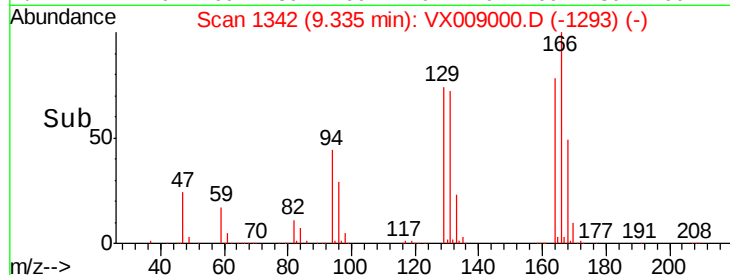


Abundance Ion 163.80 (163.50 to 164.50): V

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: 50.114 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX009000.D

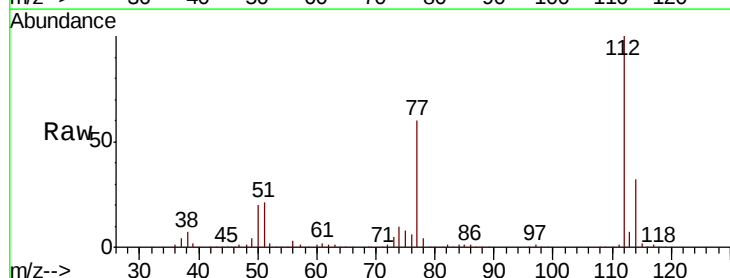
Acq: 16 Apr 2019 20:07

Tgt Ion:112 Resp: 321413

Ion Ratio Lower Upper

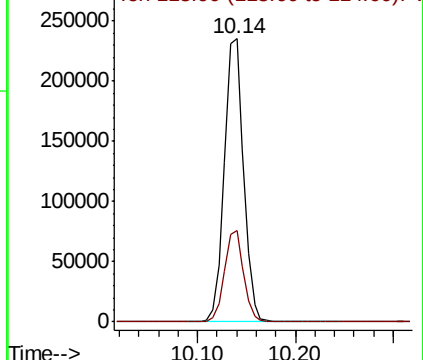
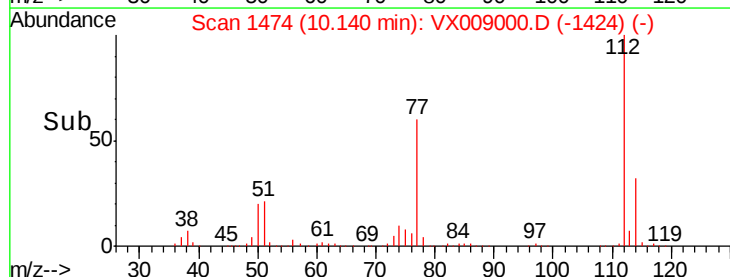
112 100

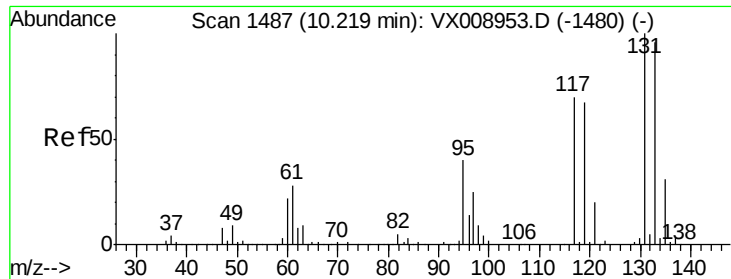
114 32.2 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

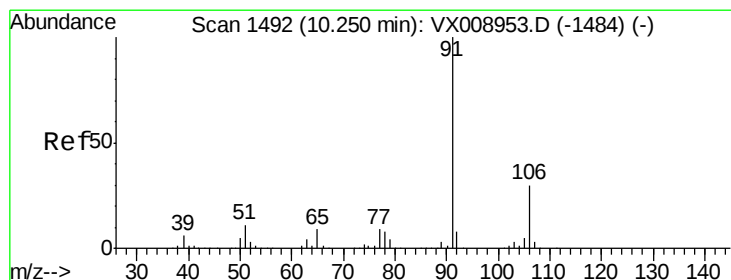
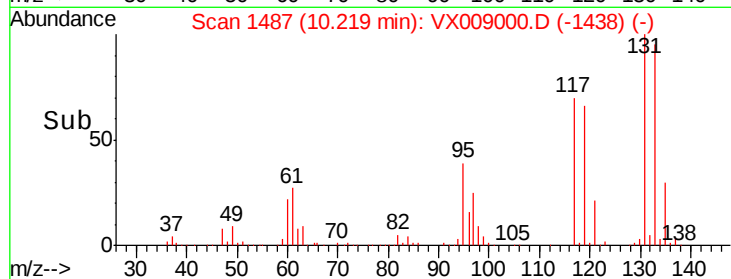
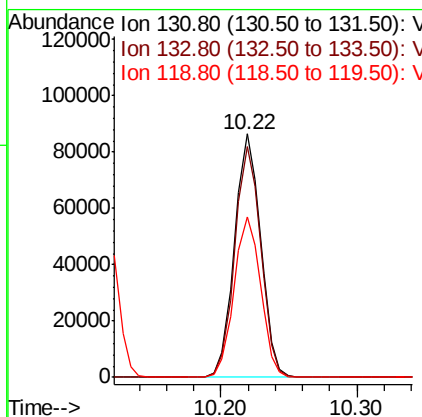
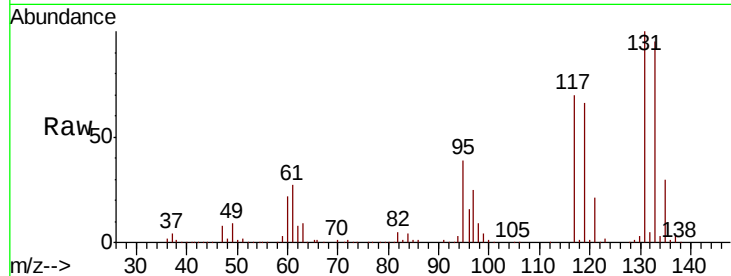




#66
 1,1,1,2-Tetrachloroethane
 Concen: 51.351 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX009000.D
 Acq: 16 Apr 2019 20:07

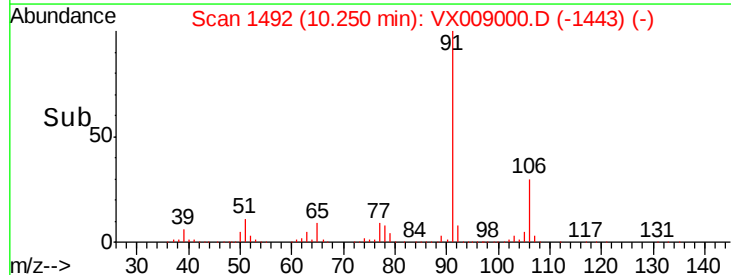
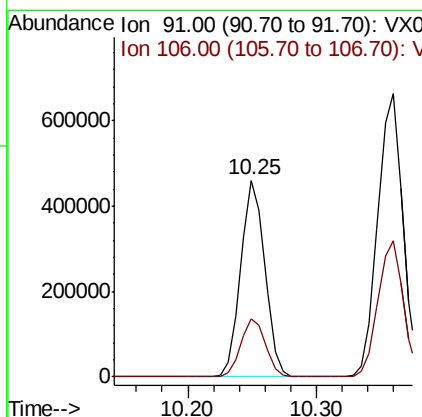
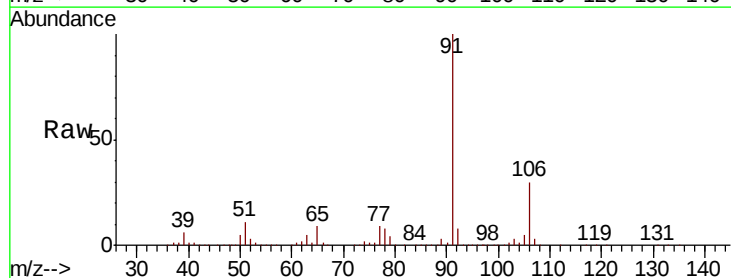
Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW318-190410MSD

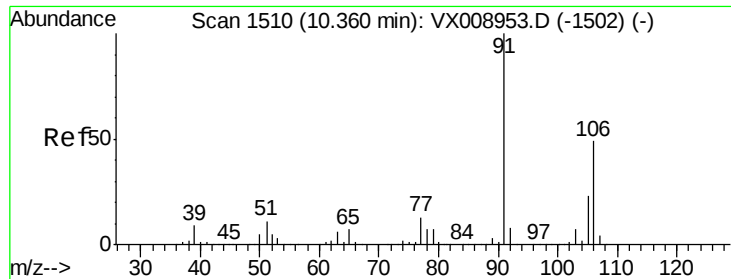
Tot Ion:131 Resp: 116023
 Ion Ratio Lower Upper
 131 100
 133 94.4 48.0 144.2
 119 66.8 33.7 101.1



#67
 Ethyl Benzene
 Concen: 51.029 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX009000.D
 Acq: 16 Apr 2019 20:07

Tgt Ion: 91 Resp: 598283
 Ion Ratio Lower Upper
 91 100
 106 29.8 24.3 36.5

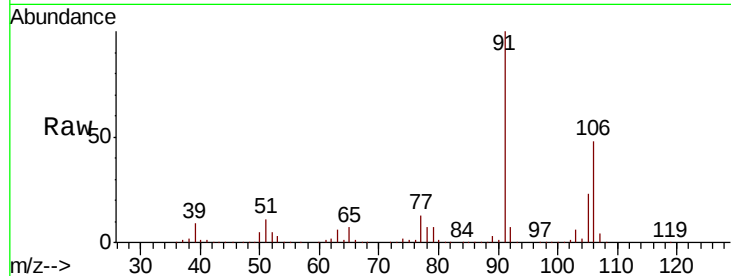




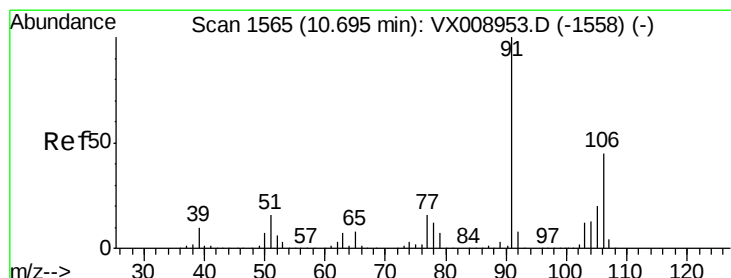
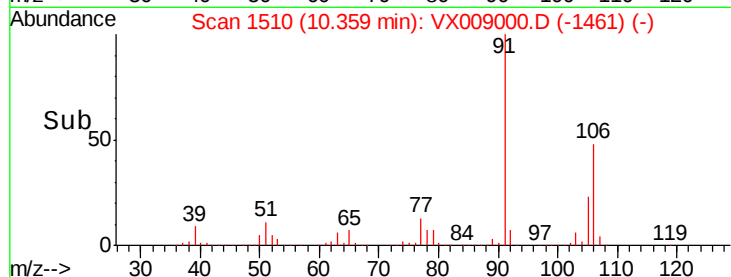
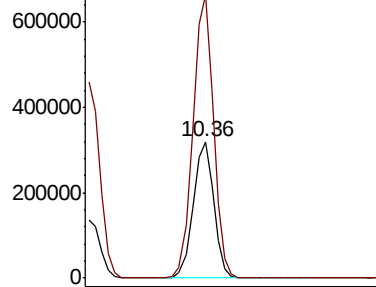
#68
m/p-Xylenes
Concen: 100.795 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009000.D
Acq: 16 Apr 2019 20:07

Instrument :
MSVOA_X
ClientSampleId :
SS040MW318-190410MSD

Tot Ion:106 Resp: 429479
Ion Ratio Lower Upper
106 100
91 207.9 165.4 248.2

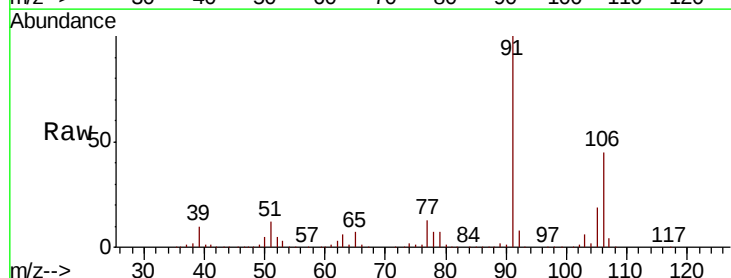


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

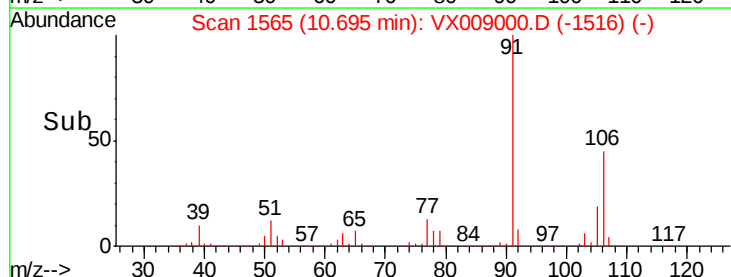
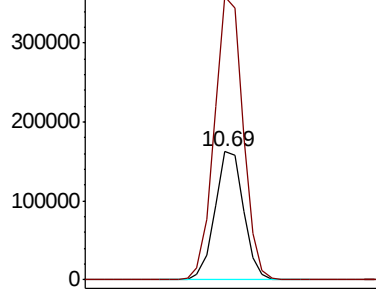


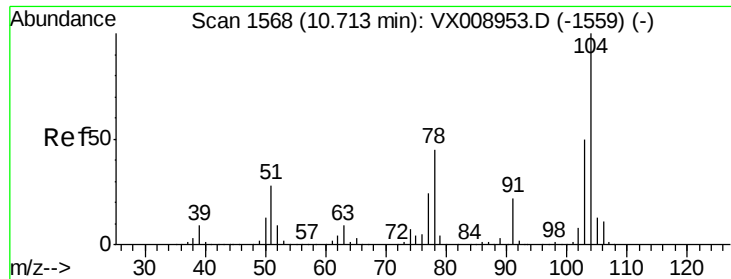
#69
o-Xylene
Concen: 50.813 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009000.D
Acq: 16 Apr 2019 20:07

Tgt Ion:106 Resp: 210669
Ion Ratio Lower Upper
106 100
91 221.5 108.9 326.7



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

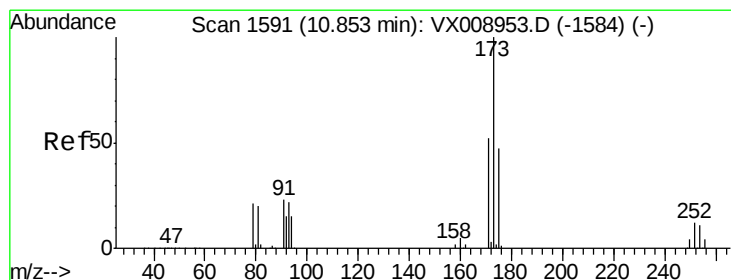
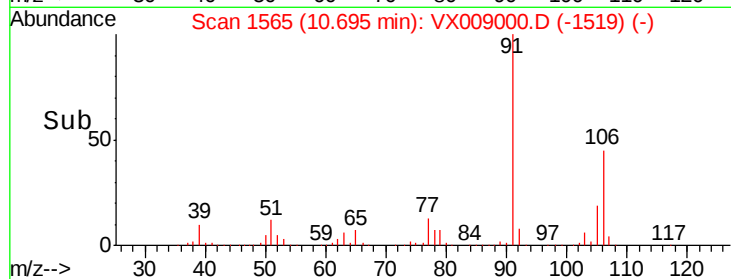
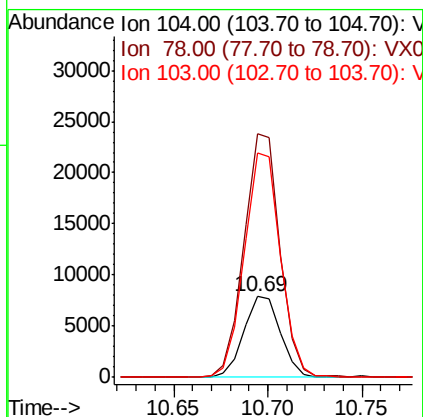
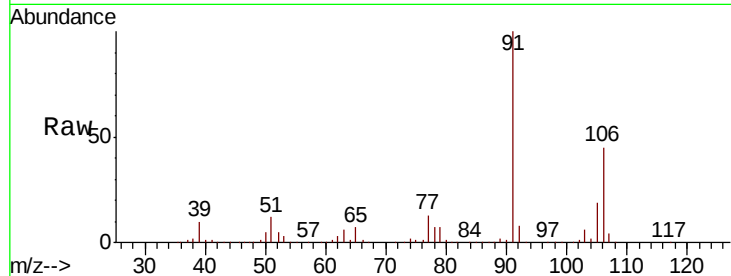




#70
Stvrene
Concen: 1.487 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.02 min
Lab File: VX009000.D
Acq: 16 Apr 2019 20:07

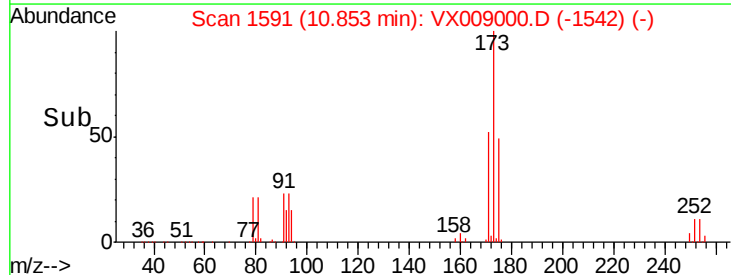
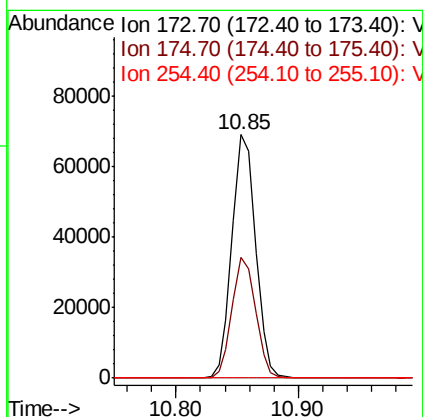
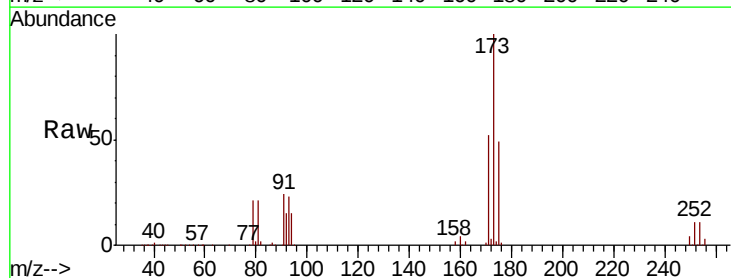
Instrument :
MSVOA_X
ClientSampleId :
SS040MW318-190410MSD

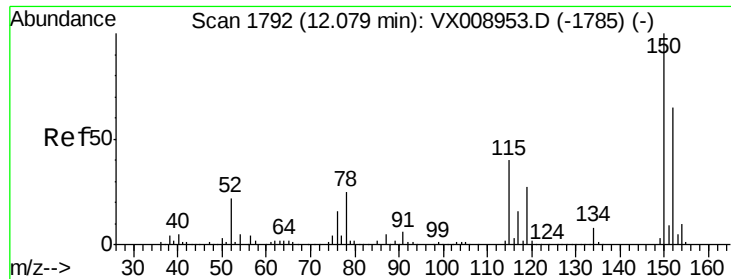
Tot Ion:104 Resp: 10684
Ion Ratio Lower Upper
104 100
78 294.6 41.2 61.8#
103 273.7 43.9 65.9#



#71
Bromoform
Concen: 51.338 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX009000.D
Acq: 16 Apr 2019 20:07

Tgt Ion:173 Resp: 92410
Ion Ratio Lower Upper
173 100
175 49.5 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: VX009000.D

Acq: 16 Apr 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

SS040MW318-190410MSD

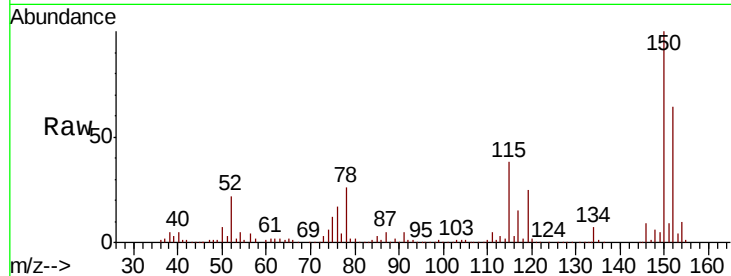
Tot Ion:152 Resp: 143085

Ion Ratio Lower Upper

152 100

115 83.7 41.4 124.2

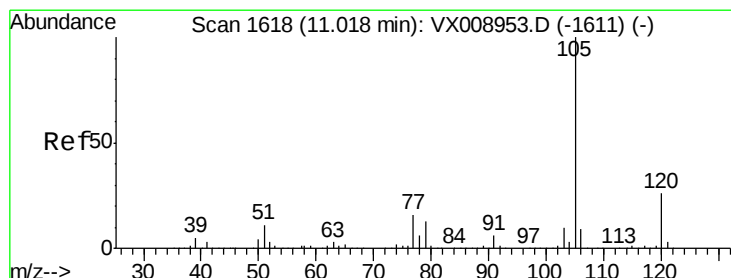
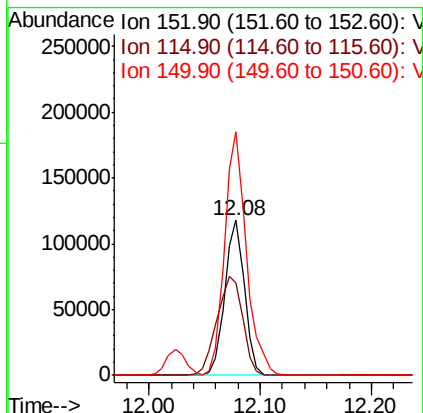
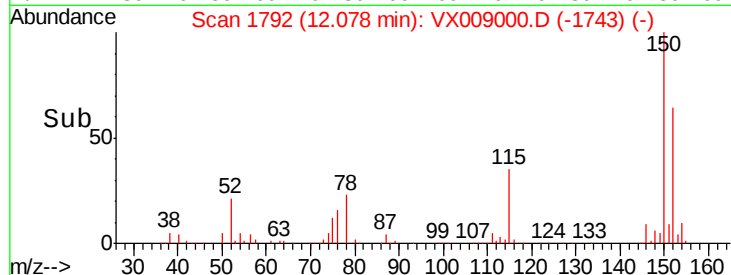
150 173.9 0.0 349.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 51.476 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009000.D

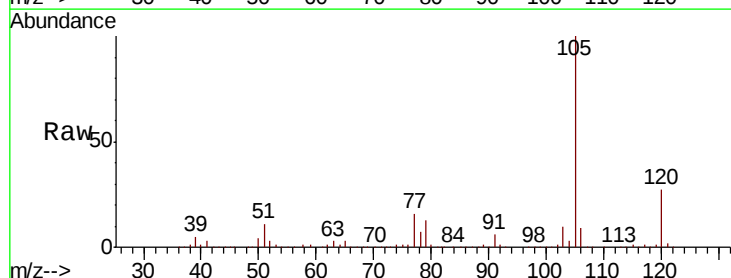
Acq: 16 Apr 2019 20:07

Tgt Ion:105 Resp: 558298

Ion Ratio Lower Upper

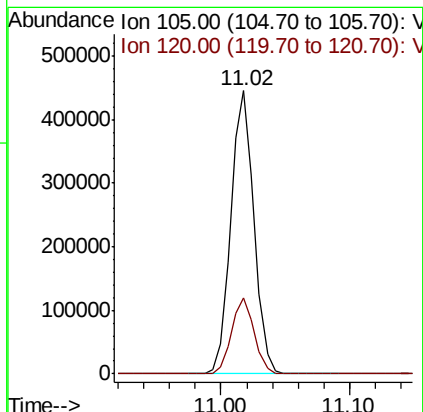
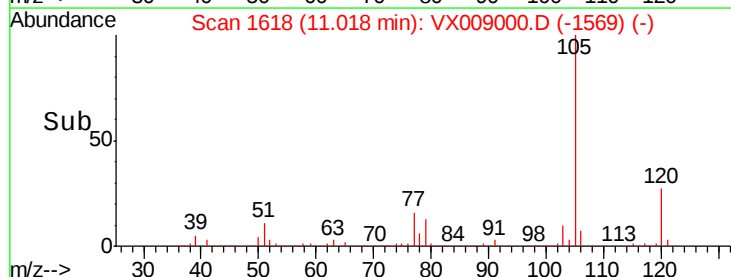
105 100

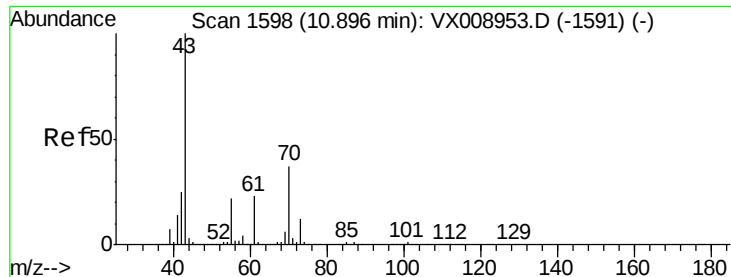
120 26.2 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 51.861 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

SS040MW318-190410MSD

Tot Ion: 43 Resp: 322959

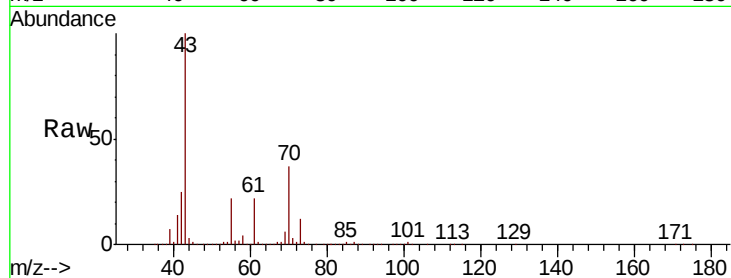
Ion Ratio Lower Upper

43 100

70 37.3 29.9 44.9

55 22.5 17.8 26.8

61 22.4 18.3 27.5

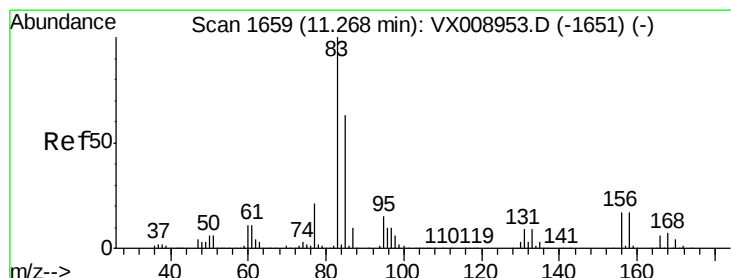
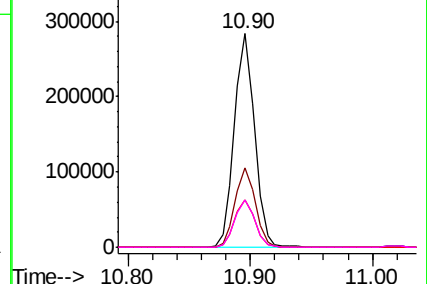
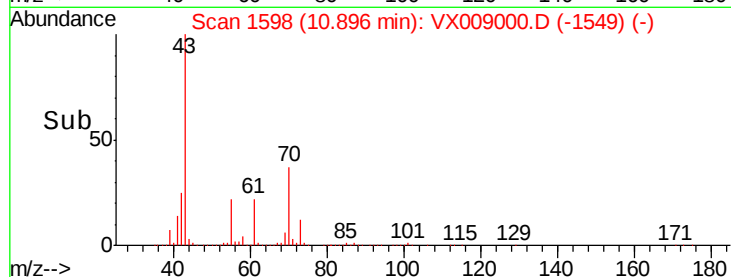


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.476 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

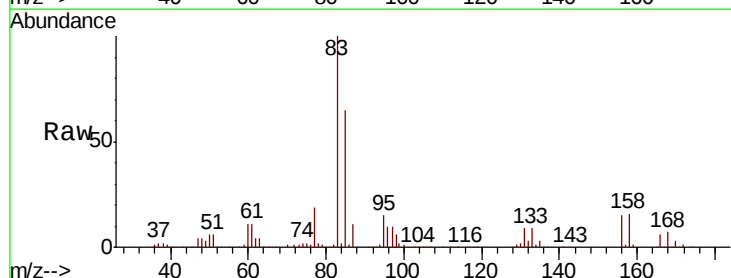
Tgt Ion: 83 Resp: 200024

Ion Ratio Lower Upper

83 100

131 9.4 4.7 14.0

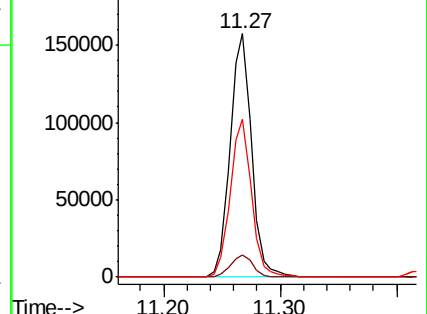
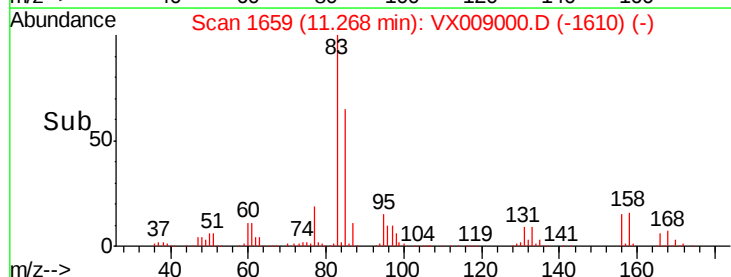
85 64.6 31.9 95.9

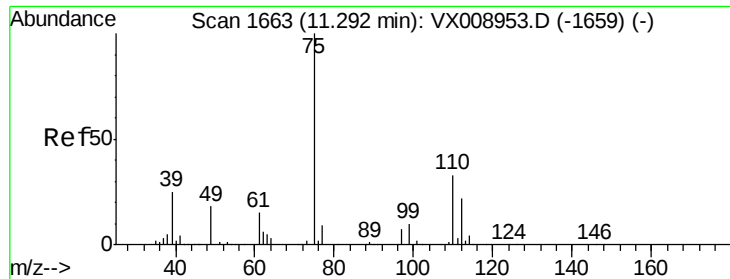


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

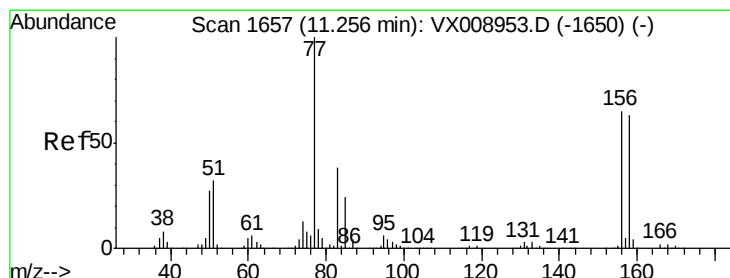
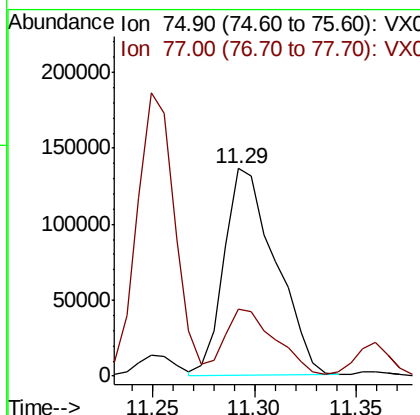
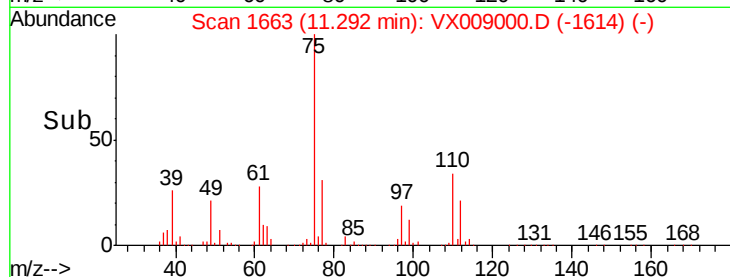
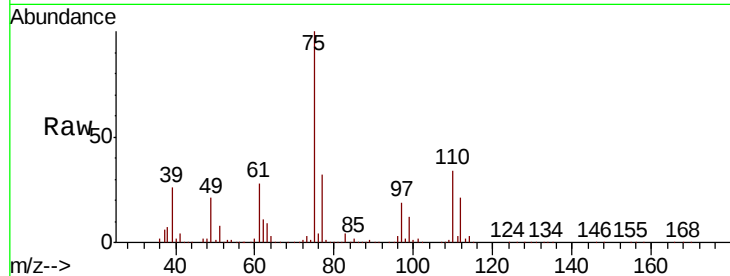




#76
 1,2,3-Trichloropropane
 Concen: 67.938 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX009000.D
 Acq: 16 Apr 2019 20:07

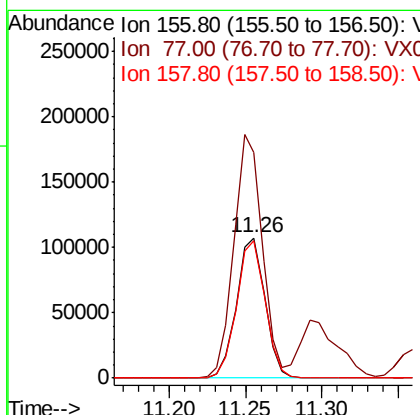
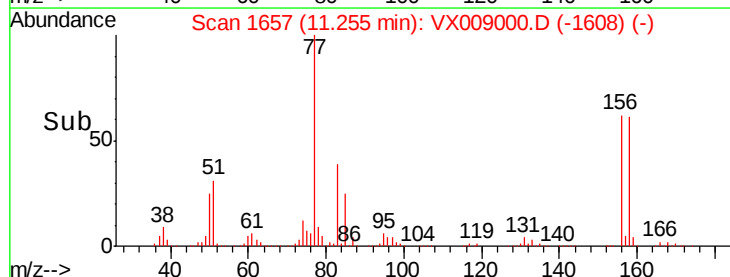
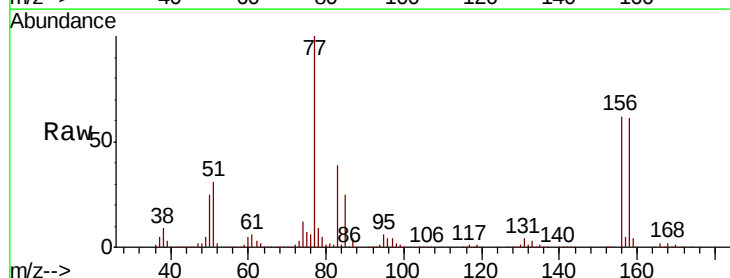
Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW318-190410MSD

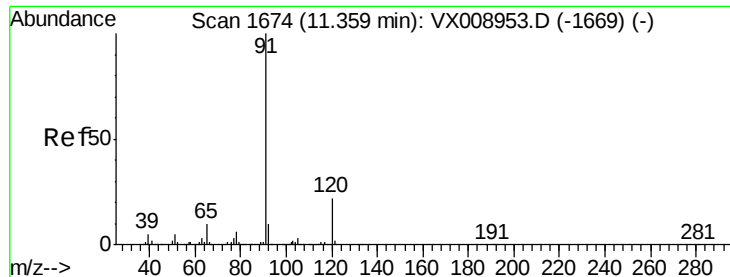
Tot Ion: 75 Resp: 237367
 Ion Ratio Lower Upper
 75 100
 77 32.6 22.7 68.0



#77
 Bromobenzene
 Concen: 50.613 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX009000.D
 Acq: 16 Apr 2019 20:07

Tgt Ion: 156 Resp: 138501
 Ion Ratio Lower Upper
 156 100
 77 172.9 85.4 256.1
 158 98.0 48.8 146.4





#78

n-propylbenzene

Concen: 51.640 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

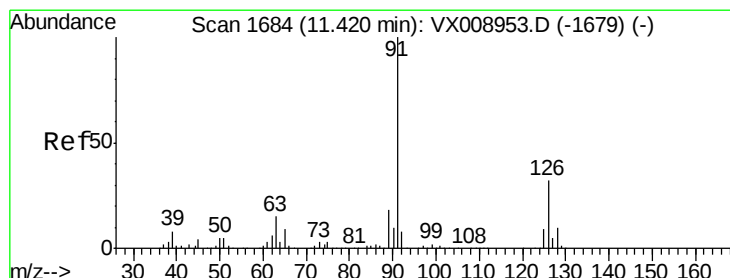
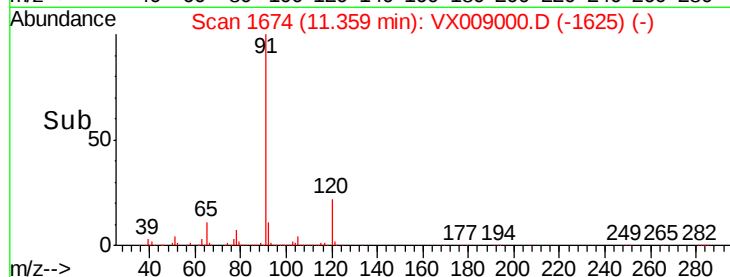
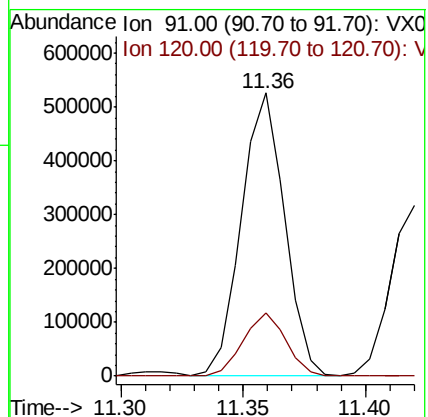
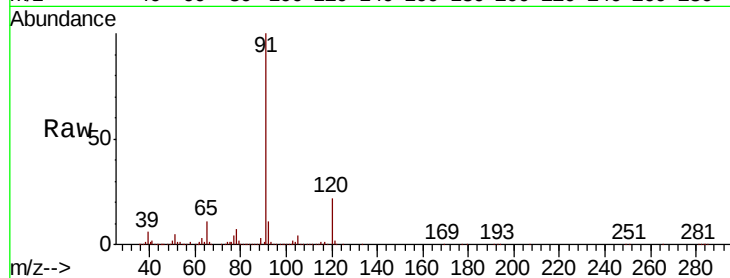
SS040MW318-190410MSD

Tot Ion: 91 Resp: 642840

Ion Ratio Lower Upper

91 100

120 22.1 10.9 32.9



#79

2-Chlorotoluene

Concen: 51.393 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009000.D

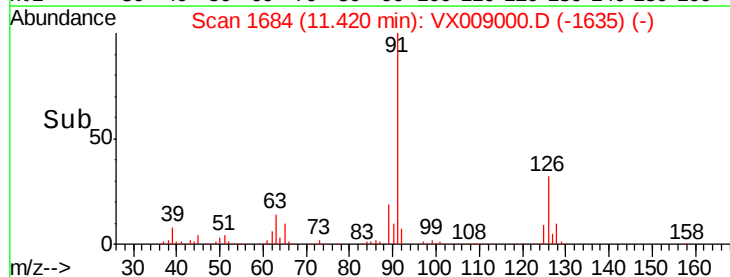
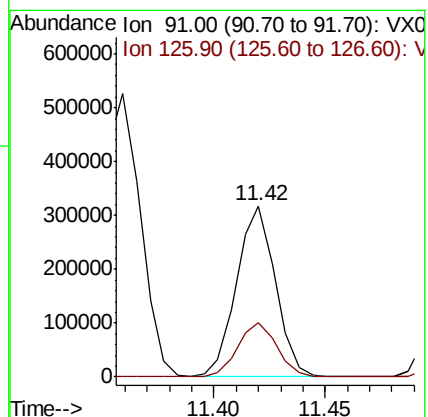
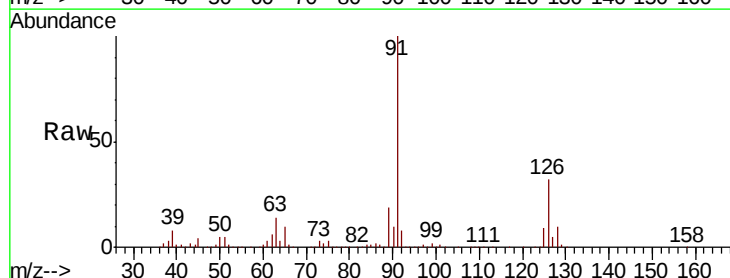
Acq: 16 Apr 2019 20:07

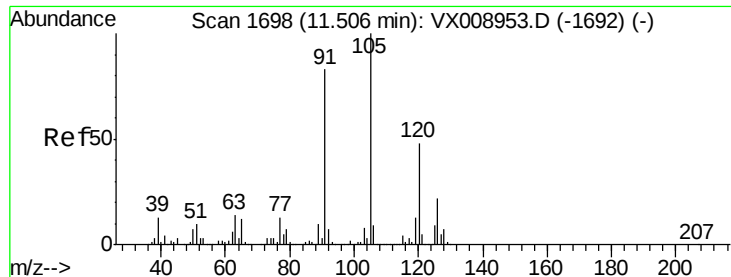
Tgt Ion: 91 Resp: 385517

Ion Ratio Lower Upper

91 100

126 32.2 16.3 48.9

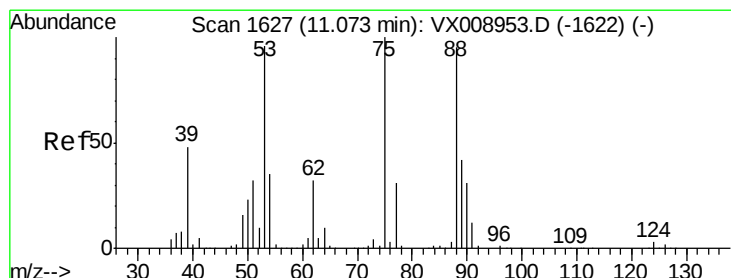
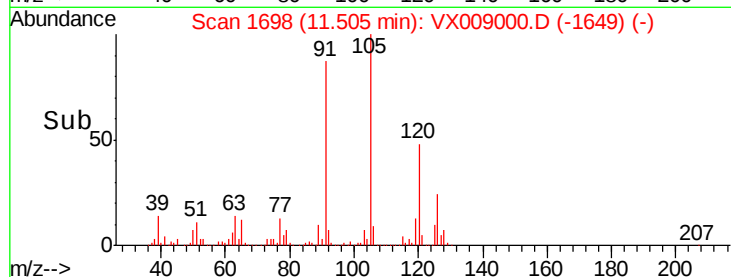
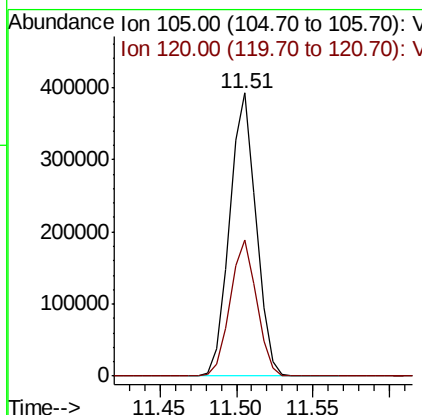
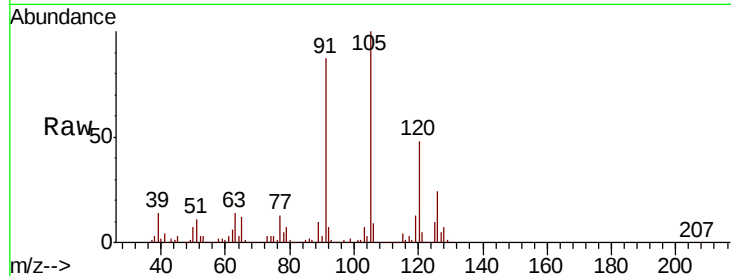




#80
 1,3,5-Trimethylbenzene
 Concen: 51.534 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009000.D
 Acq: 16 Apr 2019 20:07

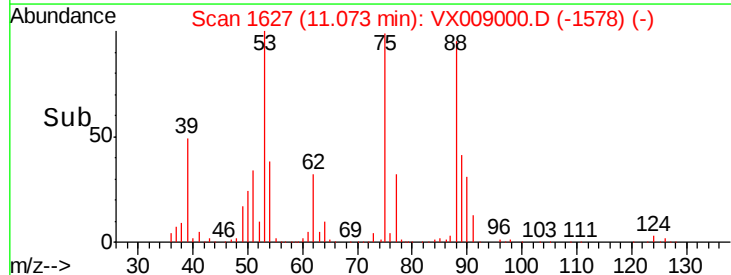
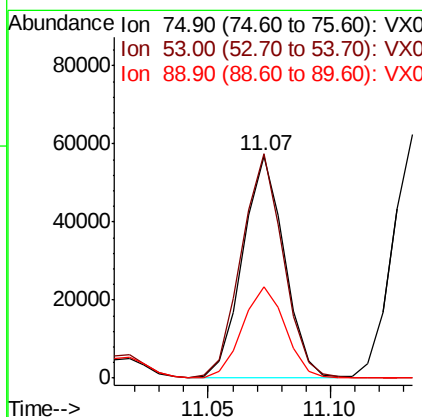
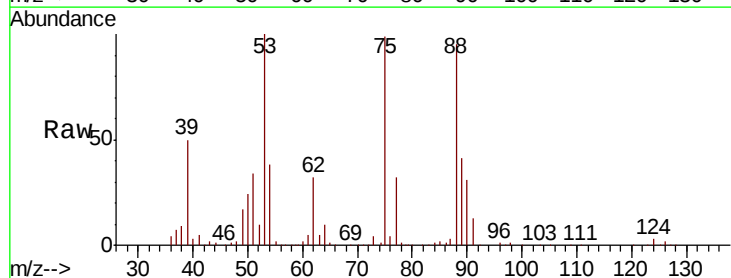
Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW318-190410MSD

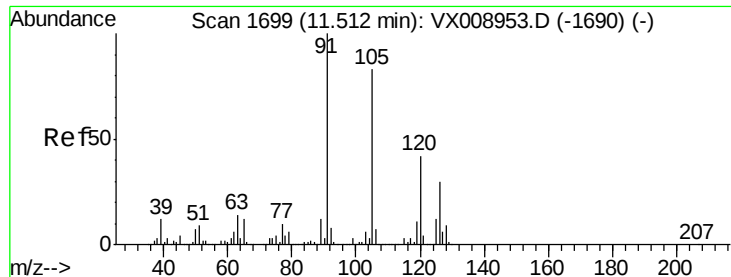
Tot Ion:105 Resp: 469025
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.1 72.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.411 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX009000.D
 Acq: 16 Apr 2019 20:07

Tgt Ion: 75 Resp: 67244
 Ion Ratio Lower Upper
 75 100
 53 101.6 78.2 117.4
 89 42.5 36.0 54.0





#82

4-Chlorotoluene

Concen: 51.134 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

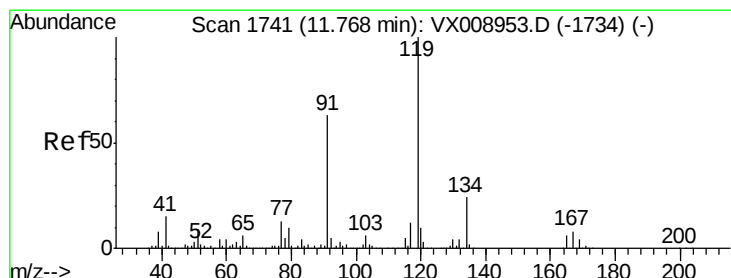
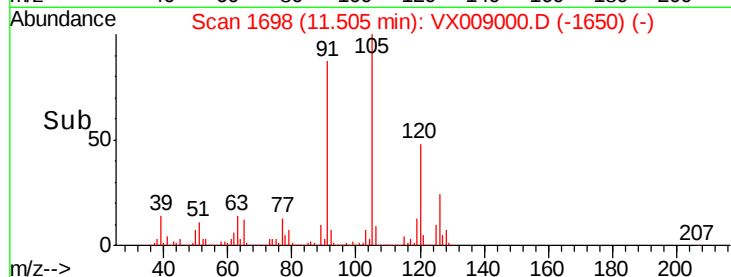
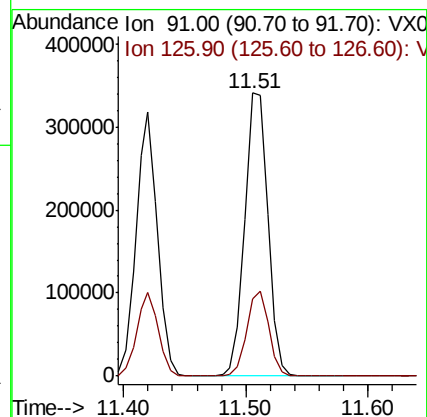
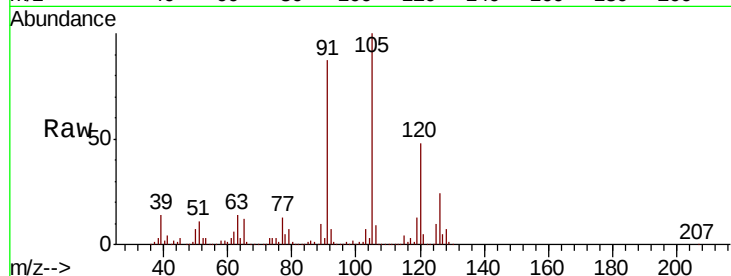
SS040MW318-190410MSD

Tot Ion: 91 Resp: 445482

Ion Ratio Lower Upper

91 100

126 28.5 14.3 42.9



#83

tert-Butylbenzene

Concen: 51.653 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

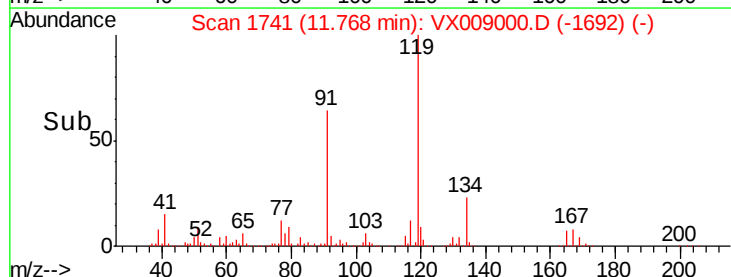
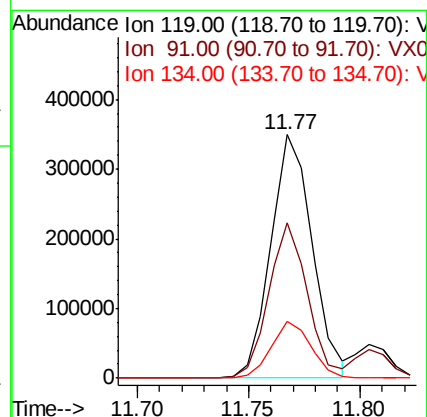
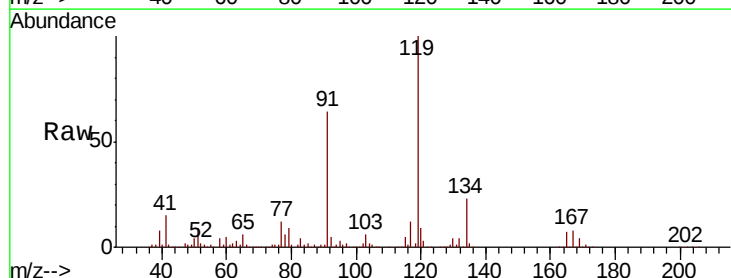
Tgt Ion: 119 Resp: 451343

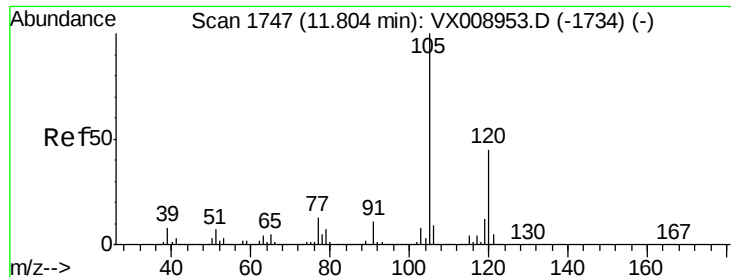
Ion Ratio Lower Upper

119 100

91 59.4 29.7 89.1

134 22.3 11.2 33.5

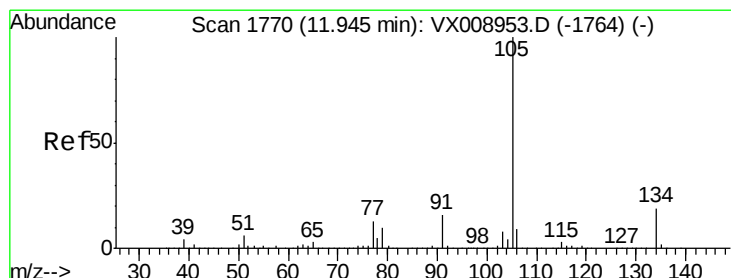
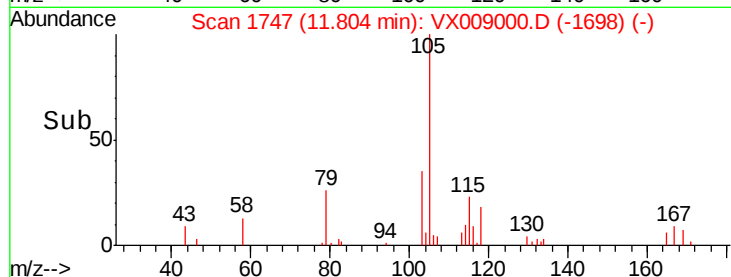
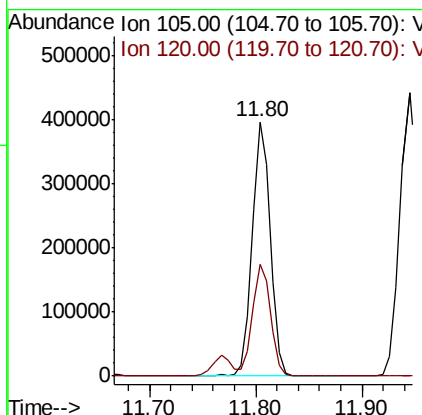
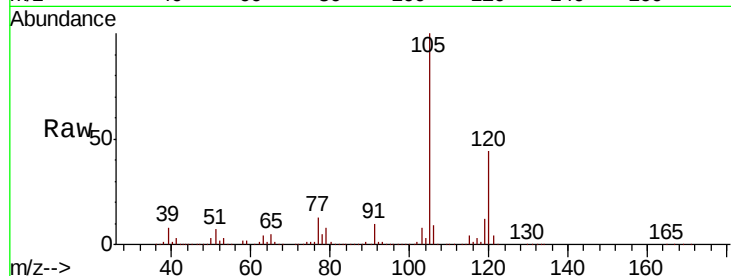




#84
 1,2,4-Trimethylbenzene
 Concen: 51.197 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009000.D
 Acq: 16 Apr 2019 20:07

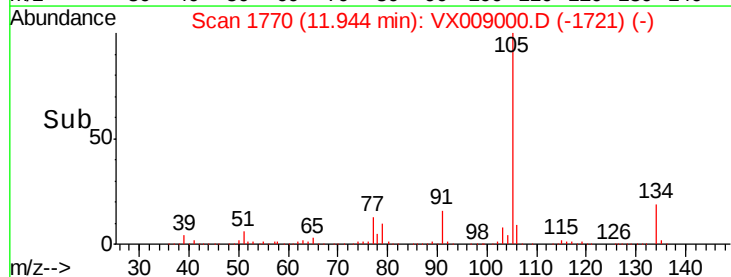
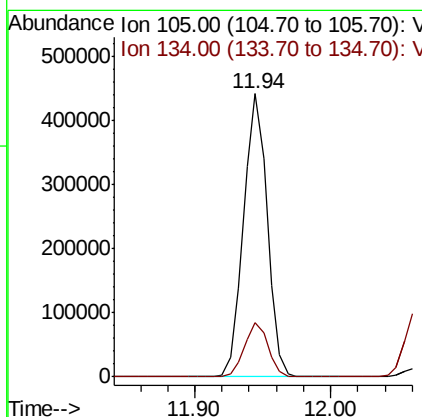
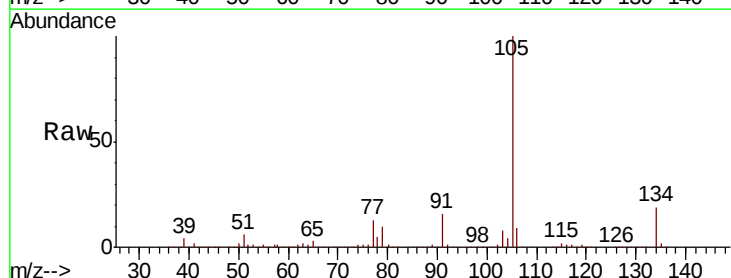
Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW318-190410MSD

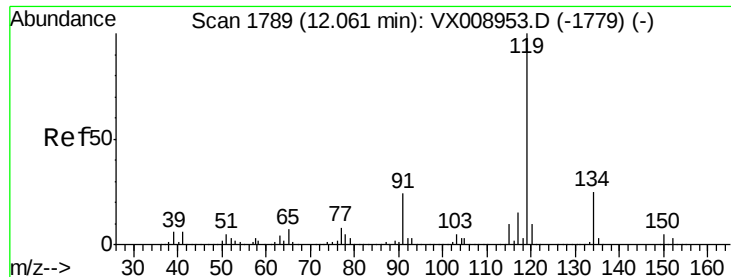
Tot Ion:105 Resp: 474306
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.9 65.8



#85
 sec-Butylbenzene
 Concen: 51.520 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009000.D
 Acq: 16 Apr 2019 20:07

Tgt Ion:105 Resp: 536919
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.6

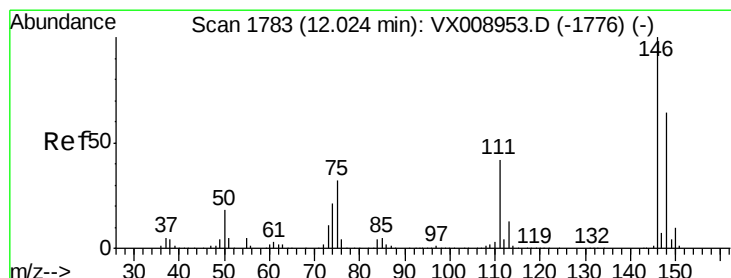
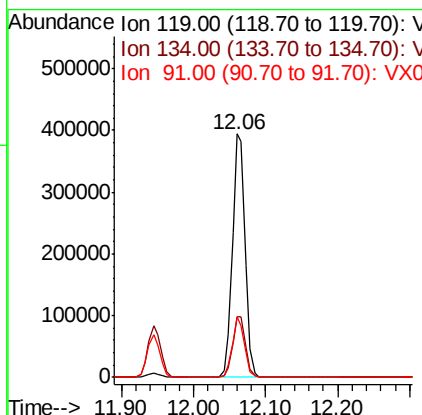
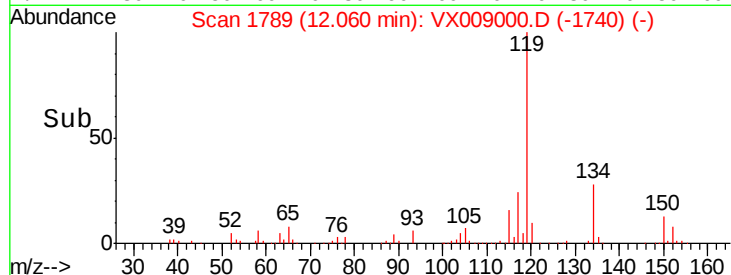
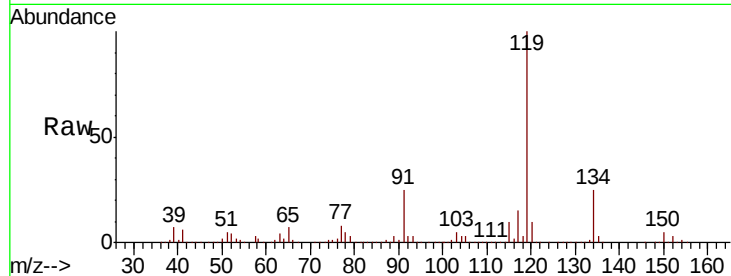




#86
 p-Isopropyltoluene
 Concen: 50.872 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX009000.D
 Acq: 16 Apr 2019 20:07

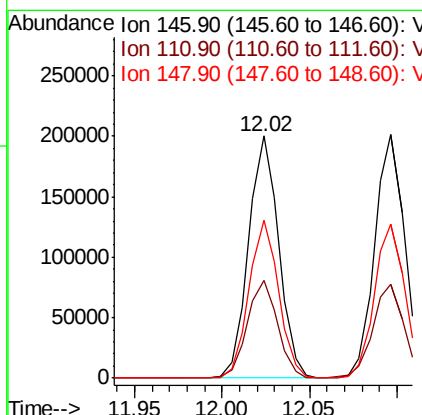
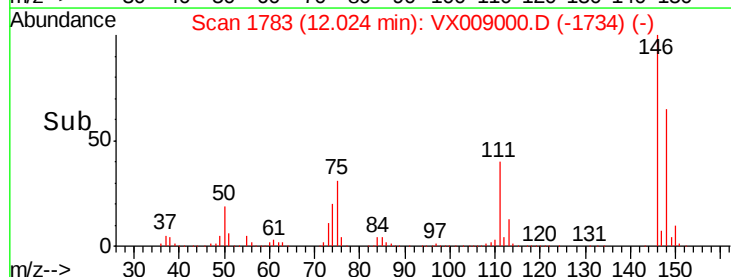
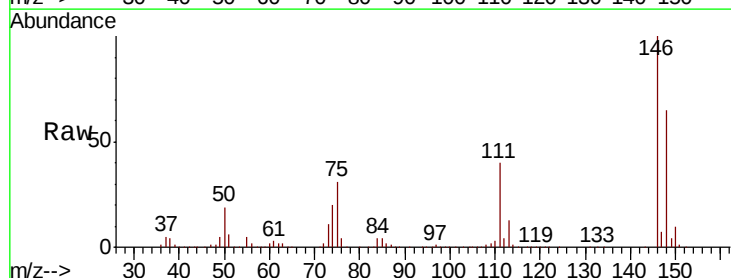
Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW318-190410MSD

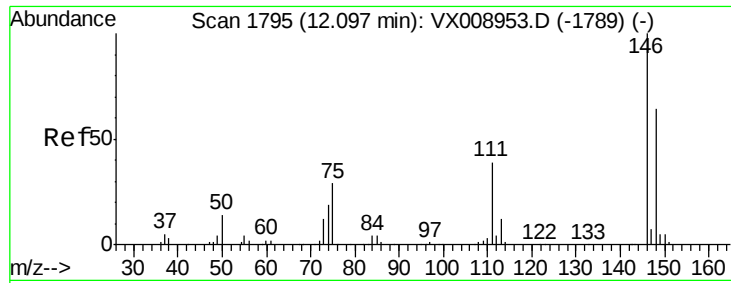
Tot Ion:119 Resp: 487423
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.9 38.6
 91 23.8 11.9 35.5



#87
 1,3-Dichlorobenzene
 Concen: 50.029 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009000.D
 Acq: 16 Apr 2019 20:07

Tgt Ion:146 Resp: 239611
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.5 61.6
 148 64.2 32.2 96.6

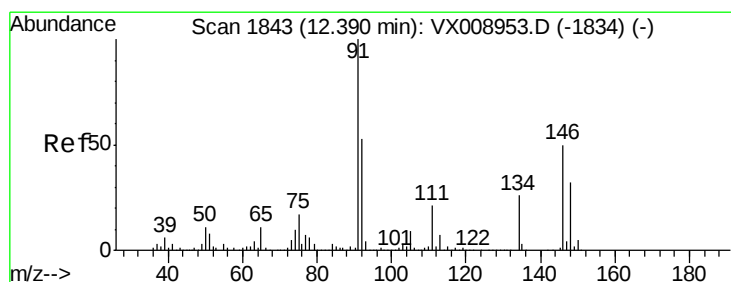
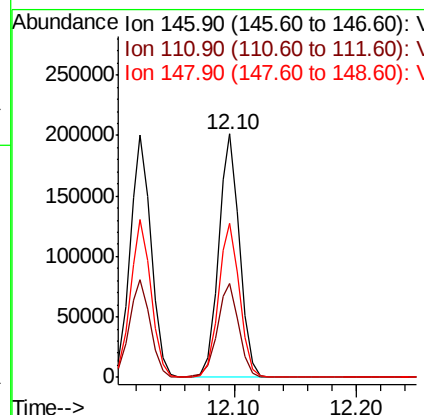
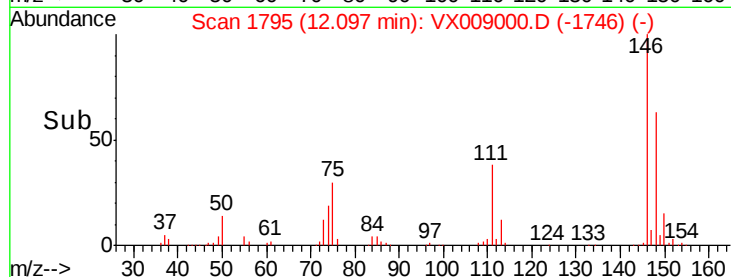
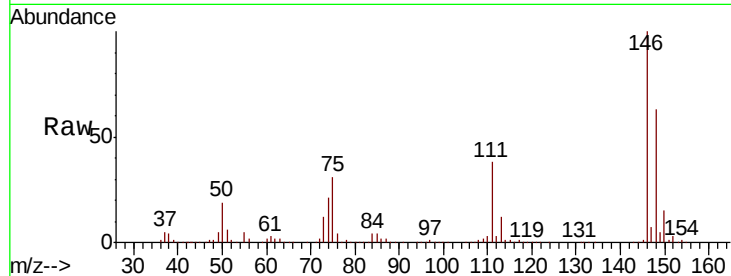




#88
 1,4-Dichlorobenzene
 Concen: 49.337 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009000.D
 Acq: 16 Apr 2019 20:07

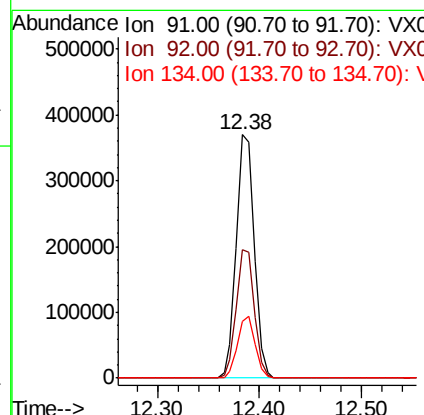
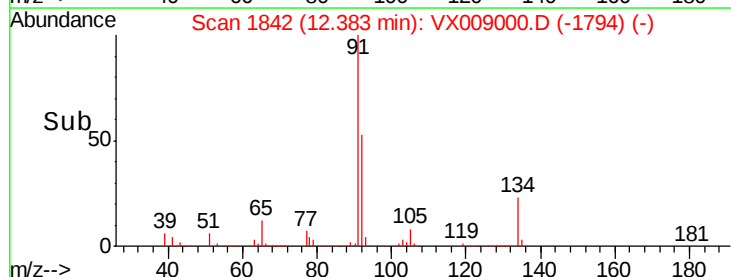
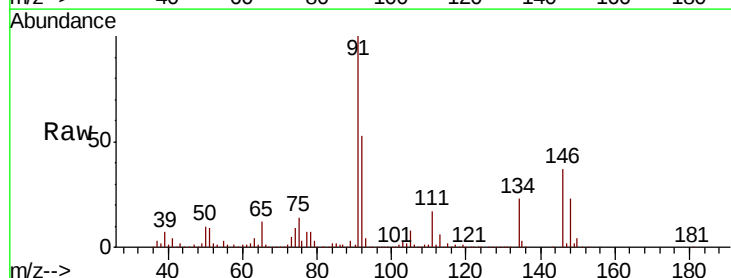
Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW318-190410MSD

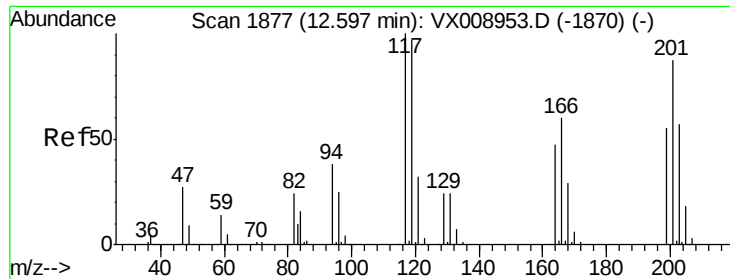
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.0	59.9
148	64.0	32.2	96.6



#89
 n-Butylbenzene
 Concen: 50.035 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: VX009000.D
 Acq: 16 Apr 2019 20:07

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.6	79.8
134	24.7	12.4	37.2





#90

Hexachloroethane

Concen: 51.755 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

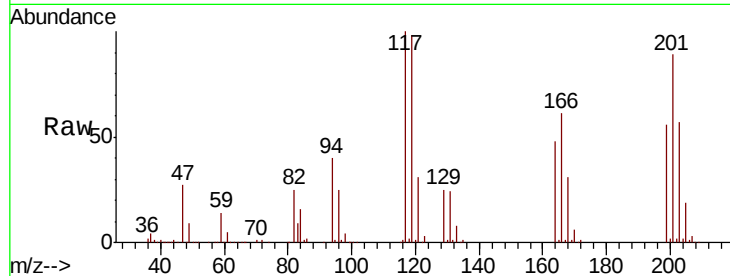
SS040MW318-190410MSD

Tot Ion:117 Resp: 81798

Ion Ratio Lower Upper

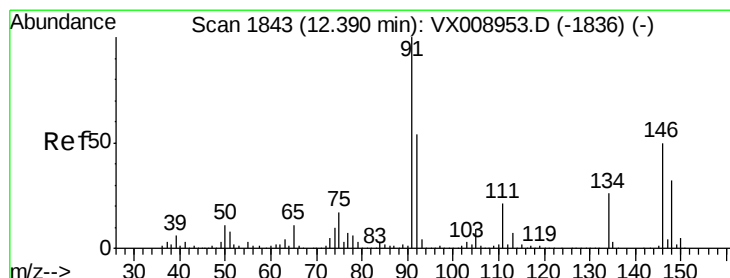
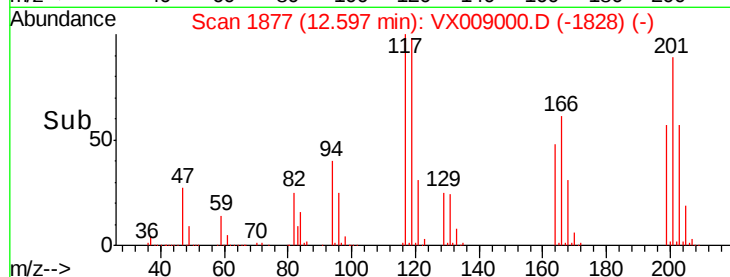
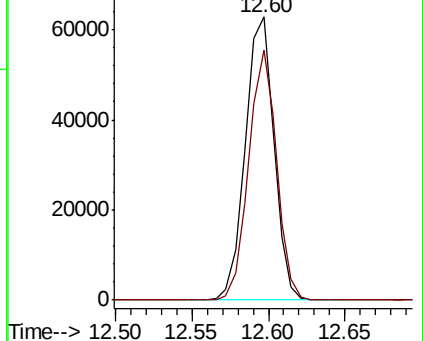
117 100

201 85.9 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: 50.171 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

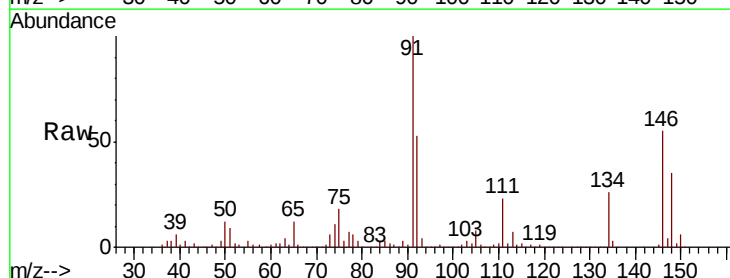
Tgt Ion:146 Resp: 237278

Ion Ratio Lower Upper

146 100

111 41.7 20.6 61.9

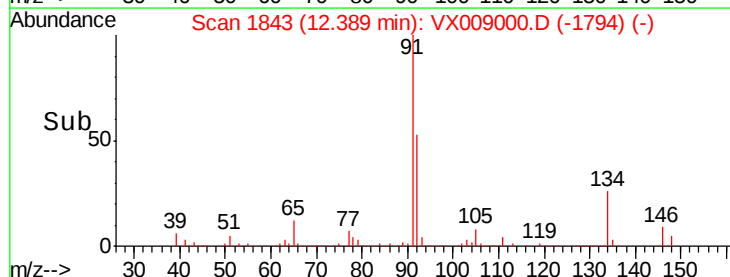
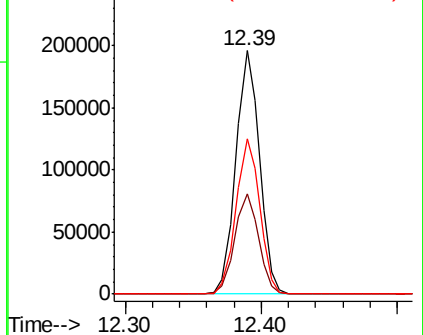
148 64.0 32.0 96.2

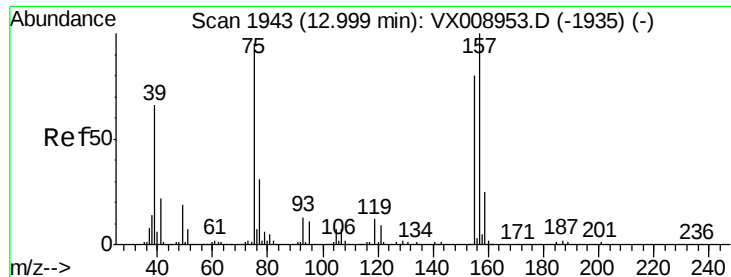


Abundance Ion 145.90 (145.60 to 146.60): V

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: 50.072 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

SS040MW318-190410MSD

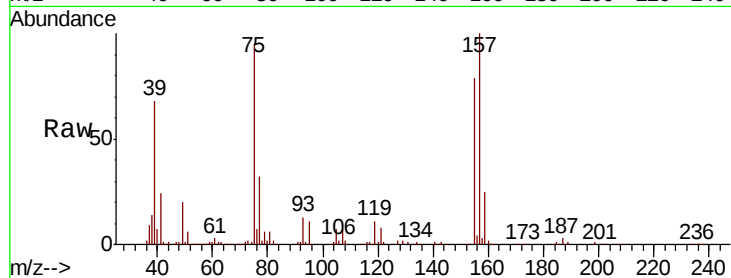
Tot Ion: 75 Resp: 45178

Ion Ratio Lower Upper

75 100

155 80.5 41.2 123.6

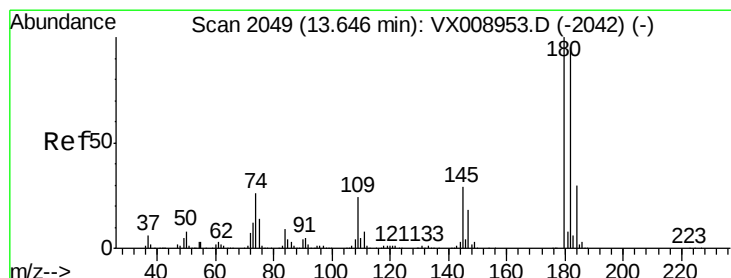
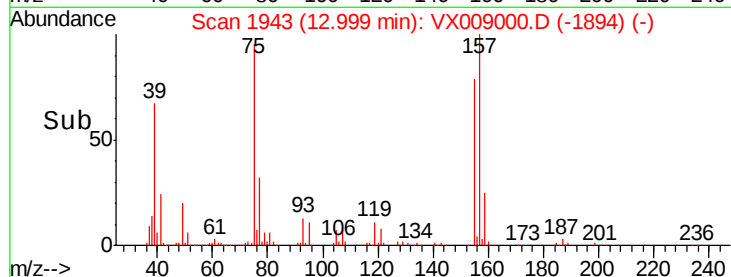
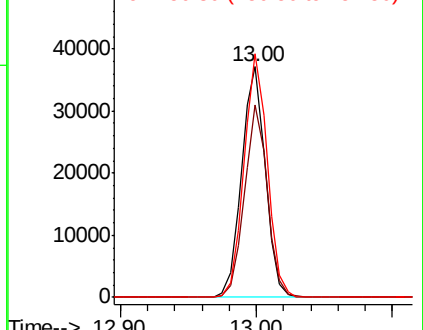
157 103.7 52.5 157.6



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: 49.320 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

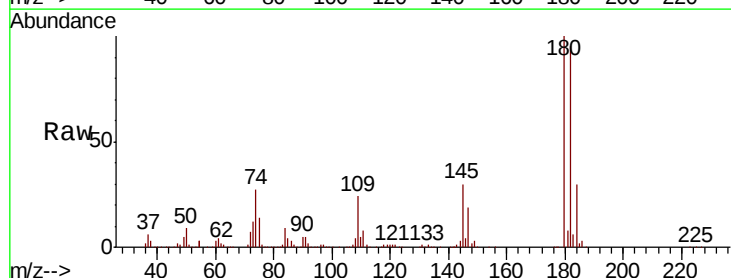
Tgt Ion:180 Resp: 168376

Ion Ratio Lower Upper

180 100

182 94.9 47.6 142.9

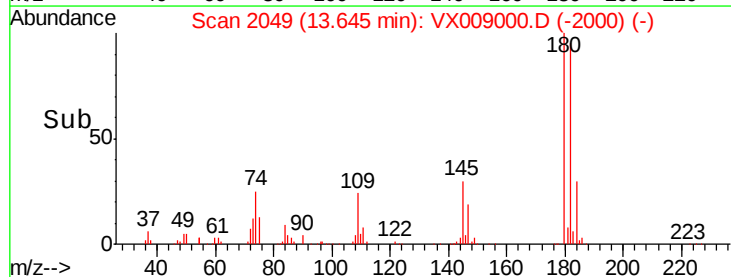
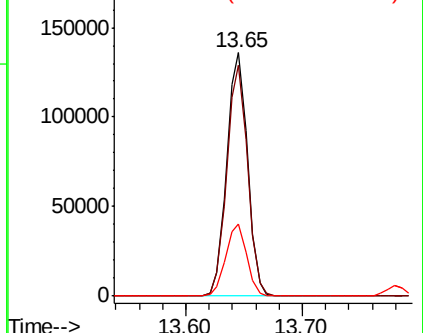
145 29.5 14.8 44.4

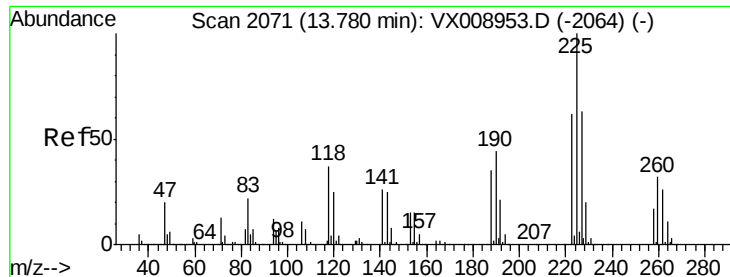


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 47.649 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

SS040MW318-190410MSD

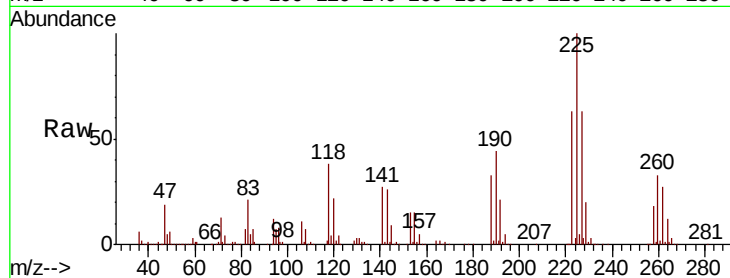
Tot Ion:225 Resp: 81133

Ion Ratio Lower Upper

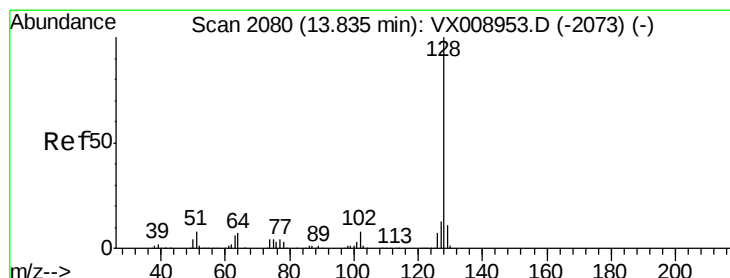
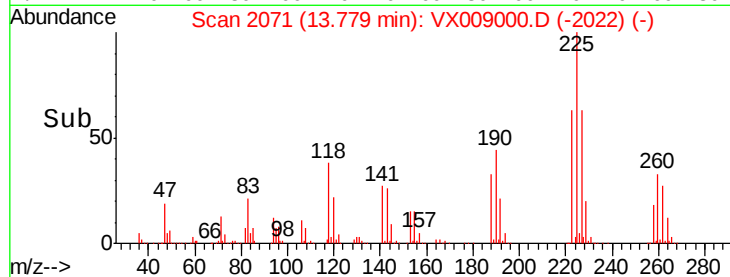
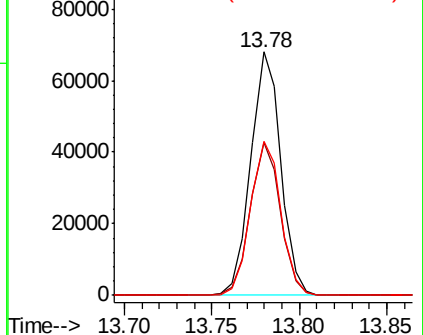
225 100

223 62.8 31.1 93.2

227 64.2 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: 49.996 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009000.D

Acq: 16 Apr 2019 20:07

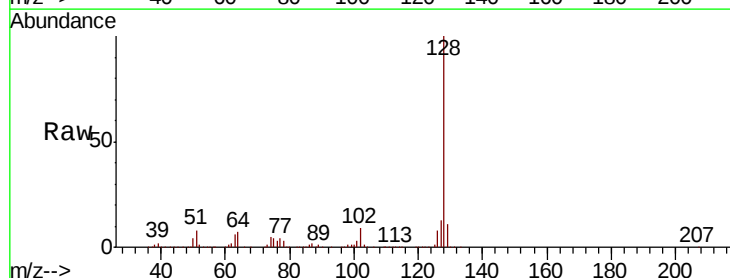
Tgt Ion:128 Resp: 546842

Ion Ratio Lower Upper

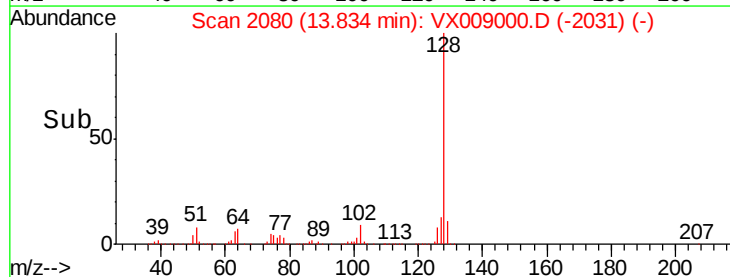
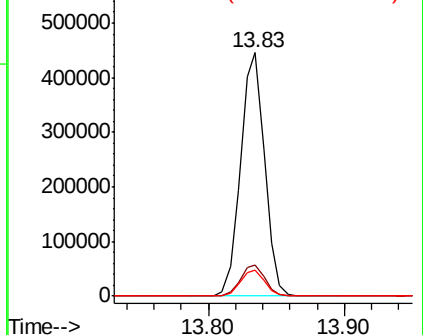
128 100

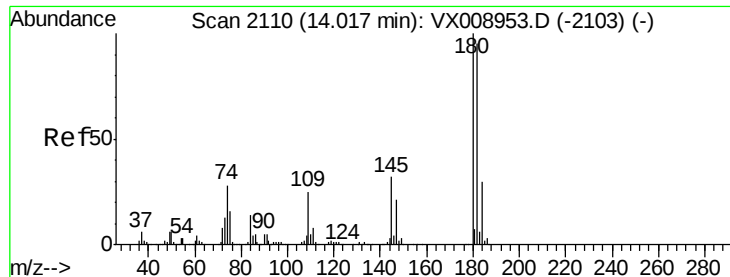
127 13.0 10.6 16.0

129 10.7 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

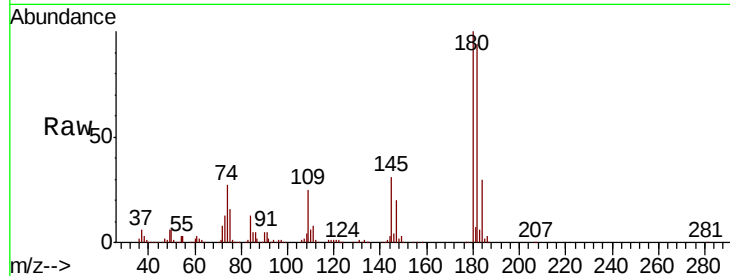




#96
 1,2,3-Trichlorobenzene
 Concen: 49.194 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX009000.D
 Acq: 16 Apr 2019 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW318-190410MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.8	143.4
145	30.9	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

