

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX040419\
 Data File : VX008668.D
 Acq On : 05 Apr 2019 04:32
 Operator : JC/SP
 Sample : K2274-09MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MS

Quant Time: Apr 05 07:15:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	177570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	303472	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	274108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128528	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	124029	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
35) Dibromofluoromethane	5.50	113	92350	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
50) Toluene-d8	8.71	98	376190	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
62) 4-Bromofluorobenzene	11.13	95	136355	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	89659	43.865	ug/l	98
3) Chloromethane	1.32	50	124014	49.489	ug/l	100
4) Vinyl Chloride	1.40	62	561081	203.063	ug/l	99
5) Bromomethane	1.64	94	53204	39.500	ug/l	99
6) Chloroethane	1.71	64	74383	49.247	ug/l	99
7) Trichlorofluoromethane	1.93	101	139329	45.616	ug/l	99
8) Diethyl Ether	2.18	74	66725	46.067	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	88868	45.191	ug/l	100
10) Methyl Iodide	2.51	142	69790	39.851	ug/l	99
11) Tert butyl alcohol	3.05	59	132866	219.127	ug/l	100
12) 1,1-Dichloroethene	2.37	96	102138	49.754	ug/l	100
13) Acrolein	2.29	56	50849	169.127	ug/l	99
14) Allyl chloride	2.73	41	208153	44.292	ug/l	99
15) Acrylonitrile	3.14	53	369762	230.194	ug/l	100
16) Acetone	2.45	43	307455	206.105	ug/l	100
17) Carbon Disulfide	2.57	76	274761	46.294	ug/l	100
18) Methyl Acetate	2.78	43	147622	40.803	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	349204	47.632	ug/l	93
20) Methylene Chloride	2.85	84	111376	44.604	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	110477	49.753	ug/l	95
22) Diisopropyl ether	3.85	45	420173	46.388	ug/l	93
23) Vinyl Acetate	3.81	43	1707761	216.727	ug/l	99
24) 1,1-Dichloroethane	3.70	63	216265	48.223	ug/l	99
25) 2-Butanone	4.68	43	519748	220.443	ug/l	99
26) 2,2-Dichloropropane	4.59	77	105283	33.332	ug/l #	1
27) cis-1,2-Dichloroethene	4.60	96	5746198	2250.792	ug/l	88
28) Bromochloromethane	5.02	49	96862	51.815	ug/l	100
29) Tetrahydrofuran	5.13	42	347086	221.796	ug/l	99
30) Chloroform	5.21	83	184077	45.956	ug/l	99
31) Cyclohexane	5.58	56	215494	48.156	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	196325	60.653	ug/l	100
36) 1,1-Dichloropropene	5.80	75	144345	43.513	ug/l	99
37) Ethyl Acetate	4.84	43	183617	41.469	ug/l #	81
38) Carbon Tetrachloride	5.79	117	124458	45.331	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	243829	59.501	ug/l	97
40) Benzene	6.15	78	448992	45.433	ug/l	98
41) Methacrylonitrile	5.04	41	114374	44.938	ug/l	99
42) 1,2-Dichloroethane	6.19	62	157042	44.326	ug/l	100
43) Isopropyl Acetate	6.45	43	308696	44.505	ug/l	100
44) Trichloroethene	7.21	130	1723058	748.603	ug/l	99
45) 1,2-Dichloropropane	7.51	63	127178	45.087	ug/l	98
46) Dibromomethane	7.66	93	72394	44.252	ug/l	99
47) Bromodichloromethane	7.90	83	147371	47.776	ug/l	98
48) Methyl methacrylate	7.77	41	159626	45.494	ug/l	98
49) 1,4-Dioxane	7.74	88	51671	786.138	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1063723	238.230	ug/l	100
52) Toluene	8.79	92	266299	45.707	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	156884	45.404	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	175283	44.396	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	105912	45.287	ug/l	98
56) Ethyl methacrylate	9.18	69	213621	50.484	ug/l	95
57) 1,3-Dichloropropane	9.37	76	190310	45.317	ug/l	99
59) 2-Hexanone	9.49	43	782995	225.644	ug/l	99
60) Dibromochloromethane	9.58	129	105471	47.859	ug/l	99
61) 1,2-Dibromoethane	9.67	107	111371	45.744	ug/l	98
64) Tetrachloroethene	9.34	164	2082394	1025.379	ug/l	99
65) Chlorobenzene	10.14	112	277920	45.740	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	97424	45.704	ug/l	99
67) Ethyl Benzene	10.25	91	514496	45.410	ug/l	100
68) m/p-Xylenes	10.36	106	368688	90.504	ug/l	99
69) o-Xylene	10.69	106	180250	45.657	ug/l	99
70) Styrene	10.71	104	317494	46.654	ug/l	99
71) Bromoform	10.85	173	78461	48.194	ug/l #	98
73) Isopropylbenzene	11.02	105	476640	44.749	ug/l	100
74) N-amyl acetate	10.90	43	271760	43.366	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	183496	45.297	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	204261	57.851	ug/l	81
77) Bromobenzene	11.26	156	116972	45.681	ug/l	99
78) n-propylbenzene	11.36	91	553421	44.622	ug/l	100
79) 2-Chlorotoluene	11.42	91	332142	44.254	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	402532	45.021	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	53651	41.886	ug/l	97
82) 4-Chlorotoluene	11.51	91	384879	44.302	ug/l	99
83) tert-Butylbenzene	11.77	119	397095	46.163	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	408808	45.155	ug/l	100
85) sec-Butylbenzene	11.94	105	474572	46.447	ug/l	98
86) p-Isopropyltoluene	12.06	119	413530	45.092	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	204790	44.674	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	207115	44.618	ug/l	99
89) n-Butylbenzene	12.38	91	390023	45.349	ug/l	100
90) Hexachloroethane	12.60	117	70460	46.323	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	205067	45.055	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39236	44.030	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	142629	45.070	ug/l	97

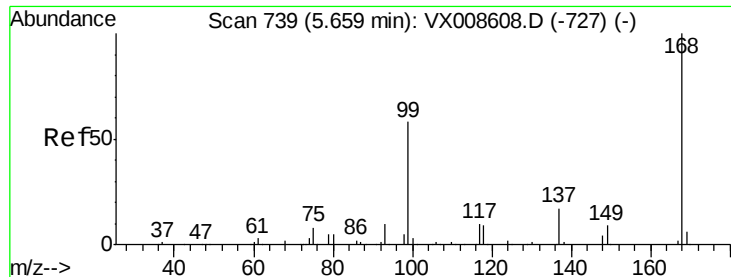
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	66198	43.618	ug/l	100
95) Naphthalene	13.83	128	478929	45.281	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	141021	44.601	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

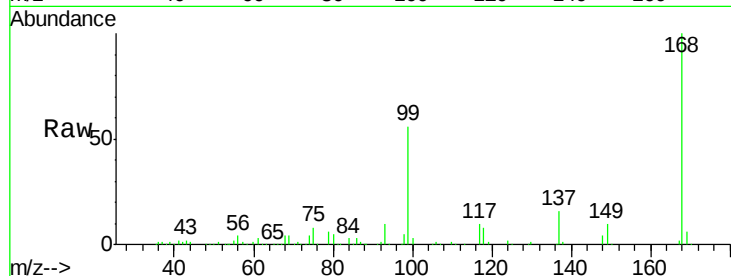
ST006RW149-190402MS

Tgt Ion:168 Resp: 177570

Ion Ratio Lower Upper

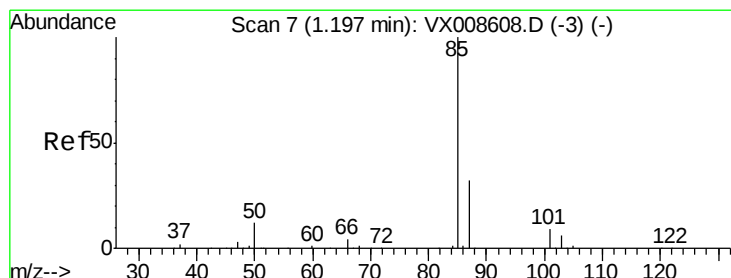
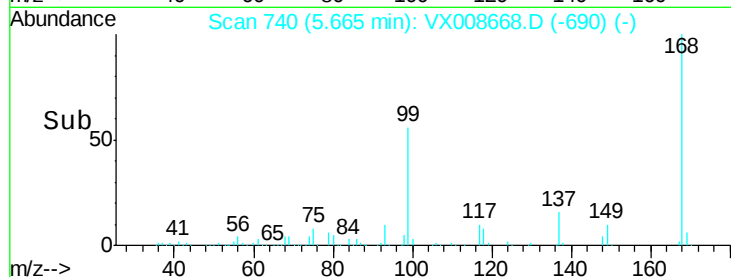
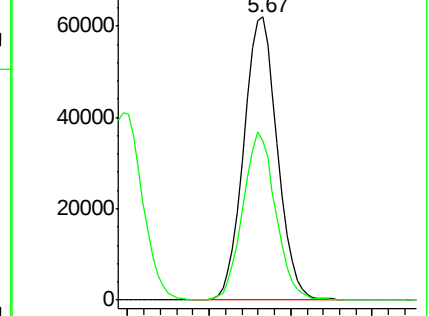
168 100

99 56.2 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 43.865 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008668.D

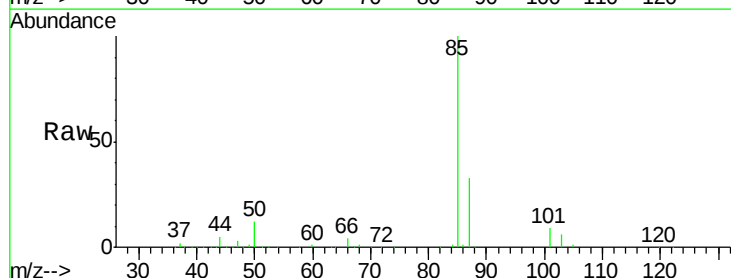
Acq: 05 Apr 2019 04:32

Tgt Ion: 85 Resp: 89659

Ion Ratio Lower Upper

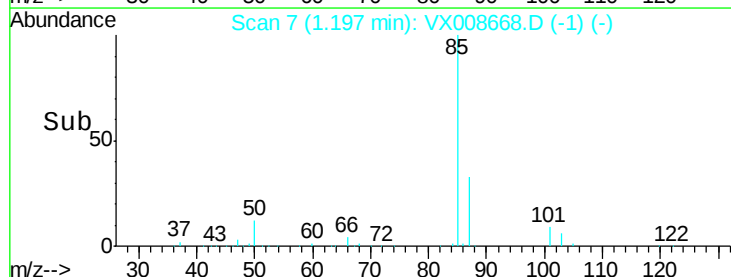
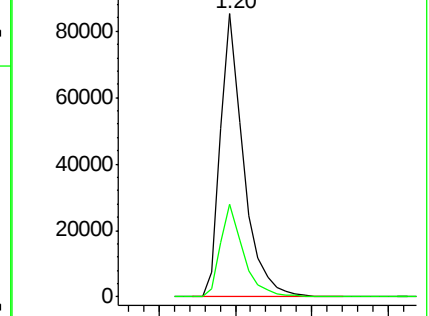
85 100

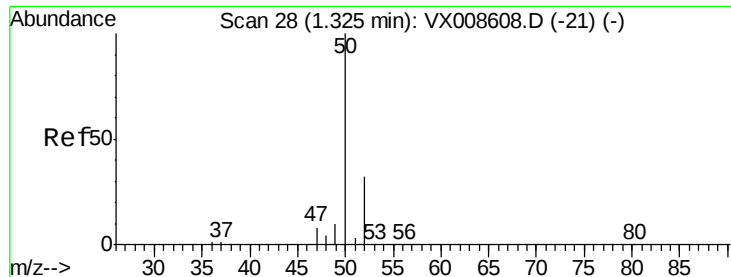
87 32.7 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 49.489 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

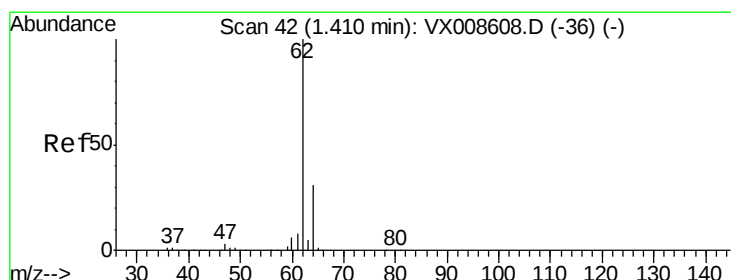
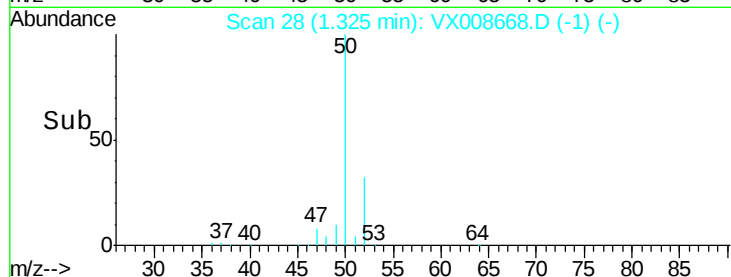
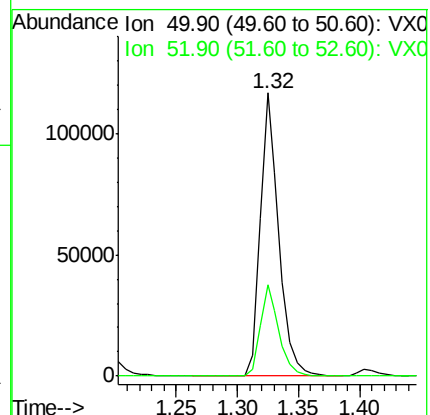
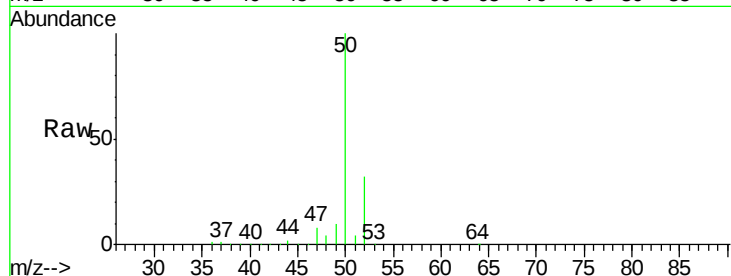
ST006RW149-190402MS

Tgt Ion: 50 Resp: 124014

Ion Ratio Lower Upper

50 100

52 32.4 25.8 38.8



#4

Vinyl Chloride

Concen: 203.063 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008668.D

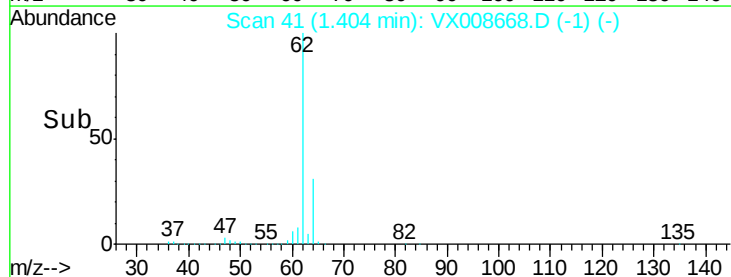
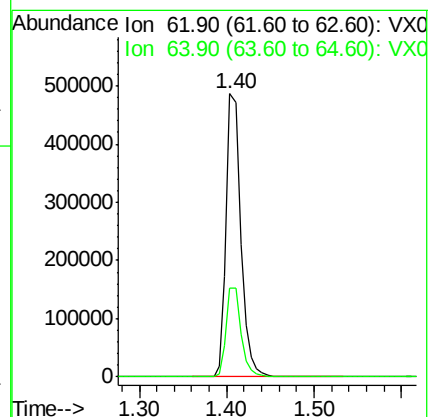
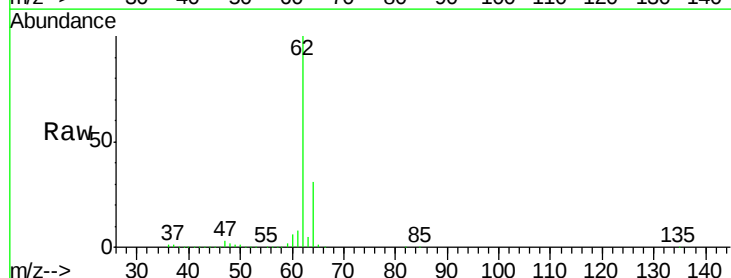
Acq: 05 Apr 2019 04:32

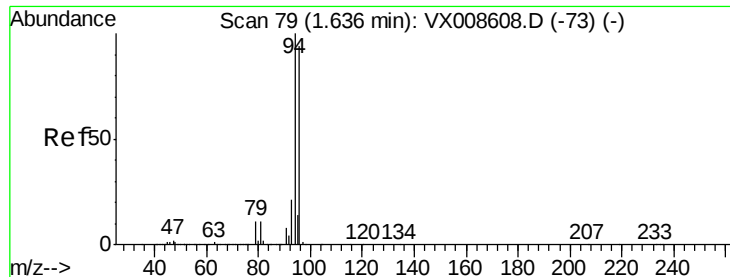
Tgt Ion: 62 Resp: 561081

Ion Ratio Lower Upper

62 100

64 31.2 24.7 37.1





#5

Bromomethane

Concen: 39.500 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

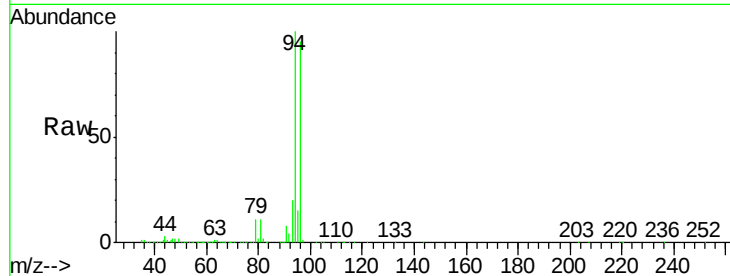
ST006RW149-190402MS

Tgt Ion: 94 Resp: 53204

Ion Ratio Lower Upper

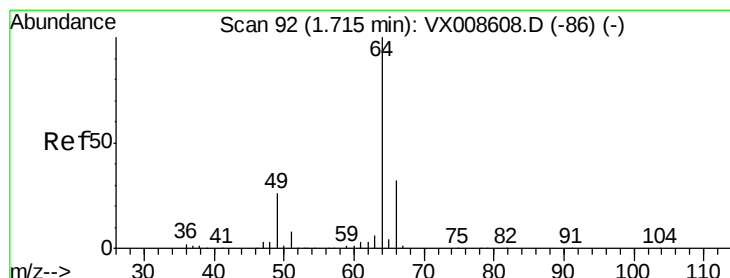
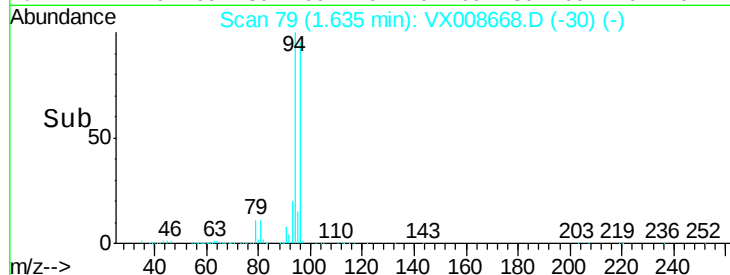
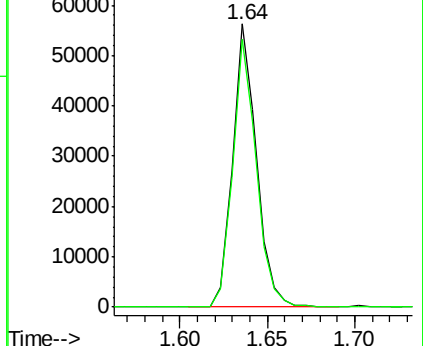
94 100

96 95.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.247 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008668.D

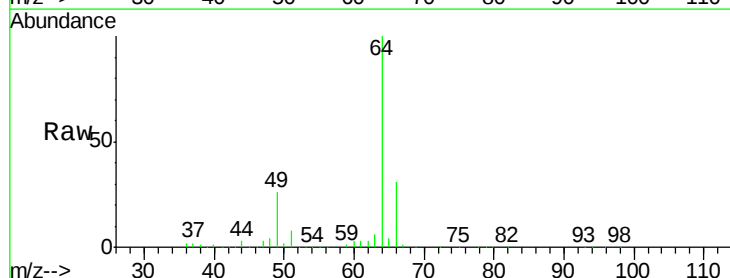
Acq: 05 Apr 2019 04:32

Tgt Ion: 64 Resp: 74383

Ion Ratio Lower Upper

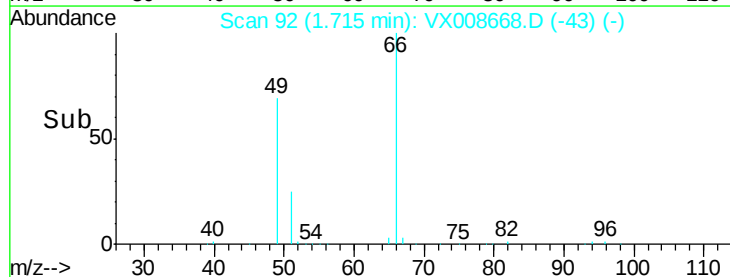
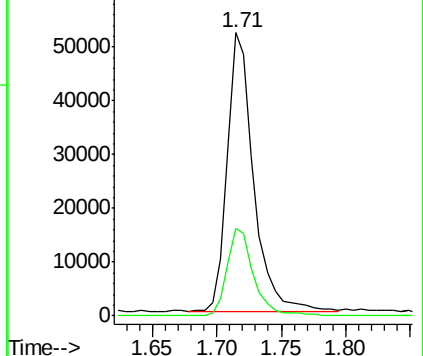
64 100

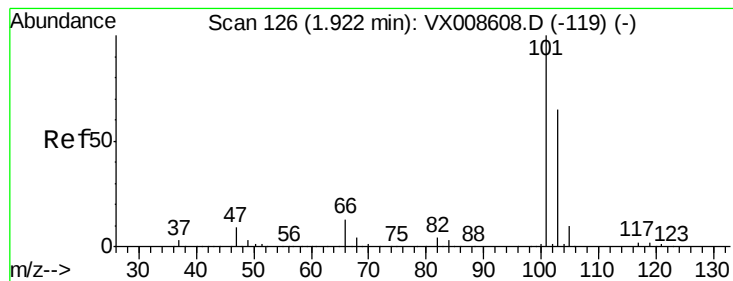
66 31.2 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



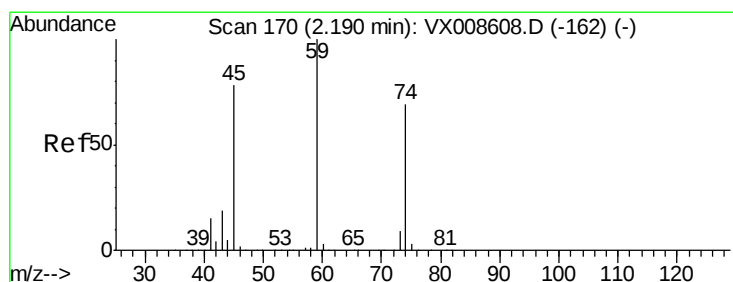
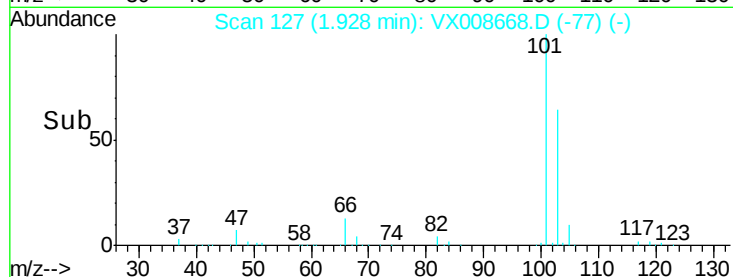
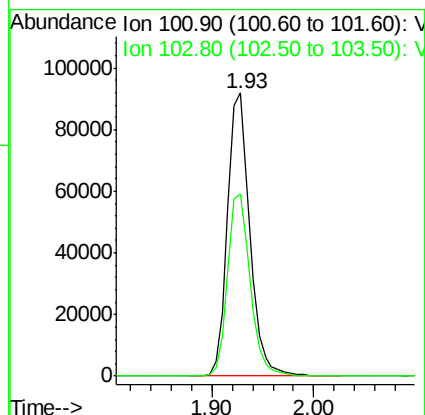
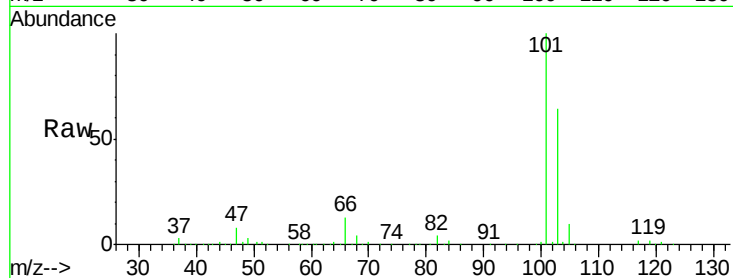


#7

Trichlorofluoromethane
 Concen: 45.616 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

Instrument :
 MSVOA_X
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 ST006RW149-190402MS

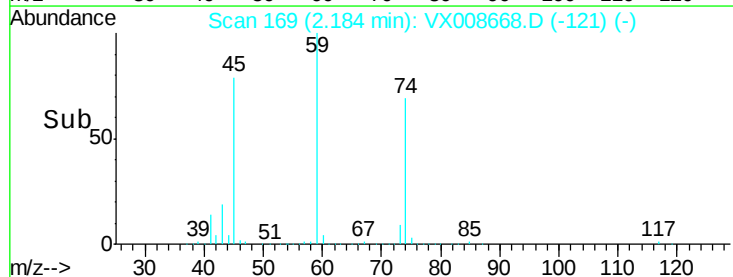
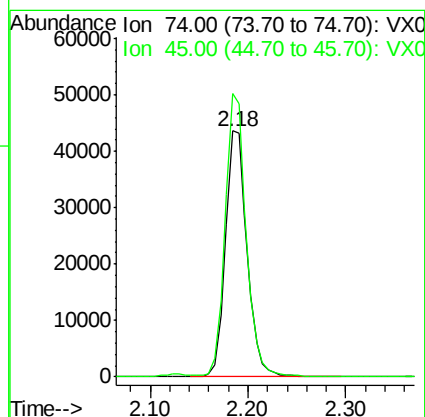
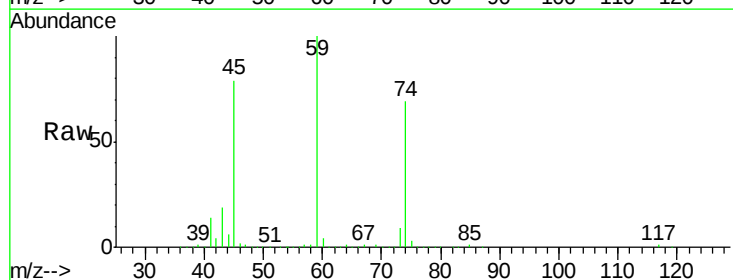
Tgt Ion: 101 Resp: 139329
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.3 78.5

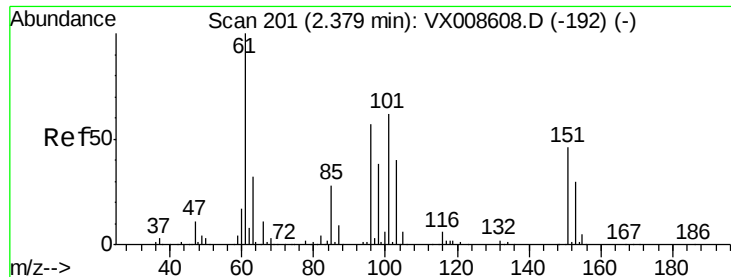


#8

Diethyl Ether
 Concen: 46.067 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

Tgt Ion: 74 Resp: 66725
 Ion Ratio Lower Upper
 74 100
 45 111.0 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.191 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MS

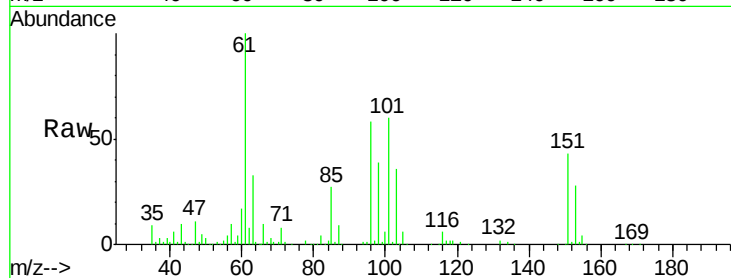
Tgt Ion:101 Resp: 88868

Ion Ratio Lower Upper

101 100

85 44.4 36.0 54.0

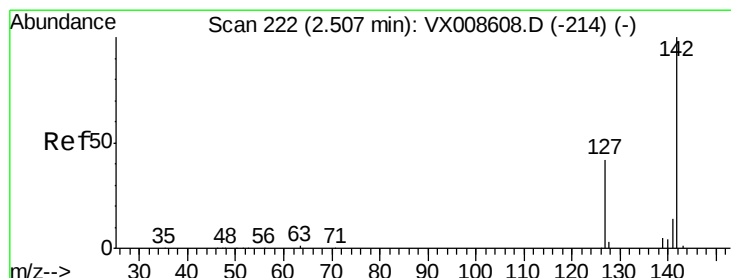
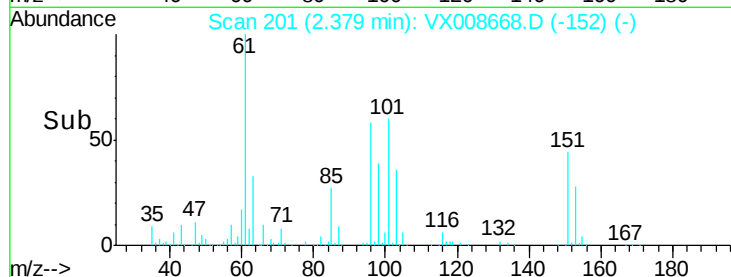
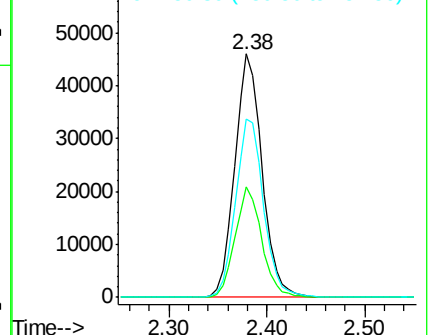
151 75.0 59.9 89.9



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: 39.851 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

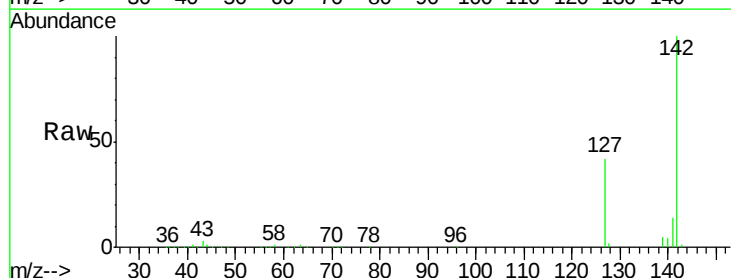
Tgt Ion:142 Resp: 69790

Ion Ratio Lower Upper

142 100

127 41.6 33.0 49.6

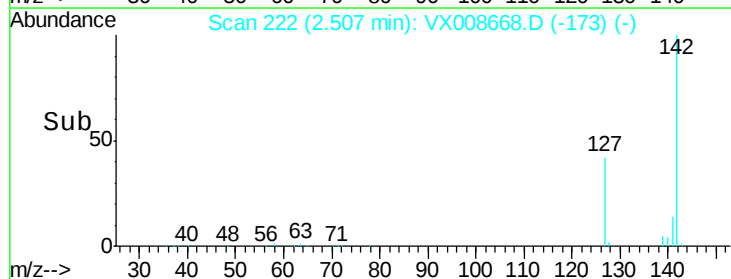
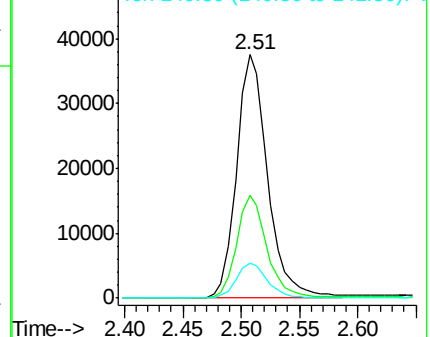
141 14.6 11.4 17.2

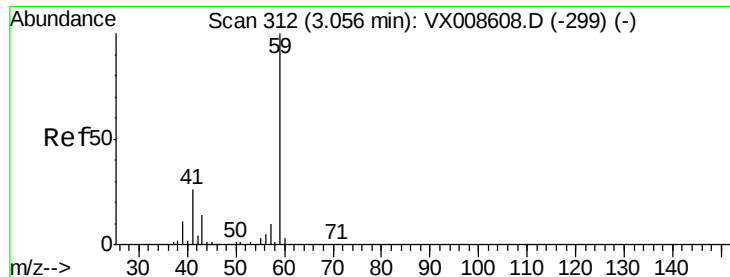


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



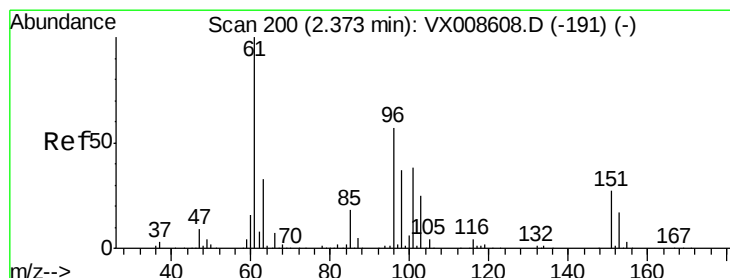
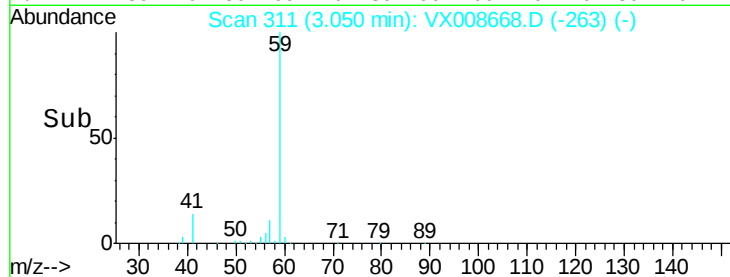
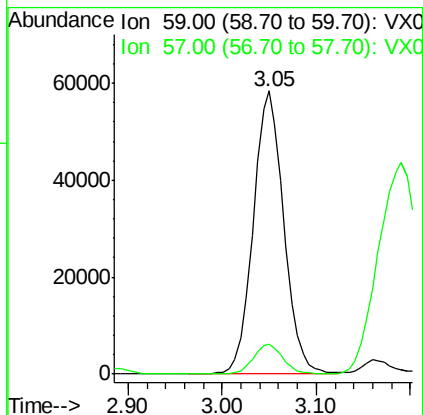
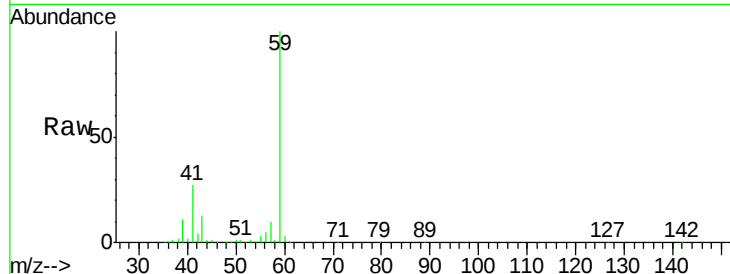


#11

Tert butyl alcohol
 Concen: 219.127 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.01 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MS

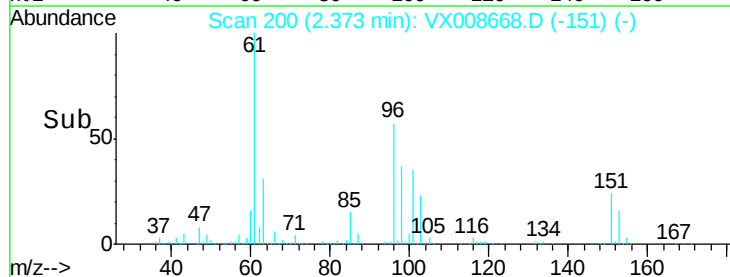
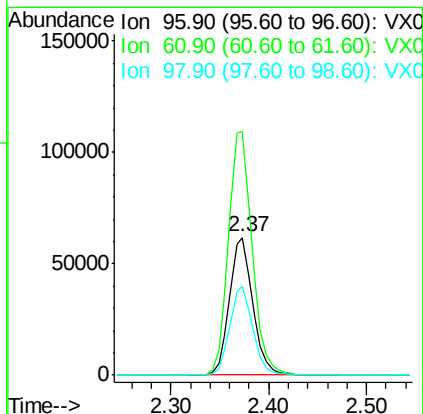
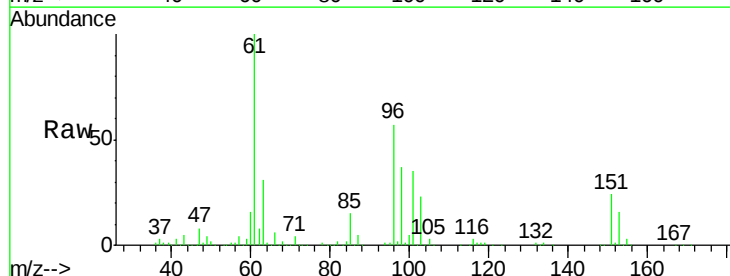
Tgt Ion: 59 Resp: 132866
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.3 12.5

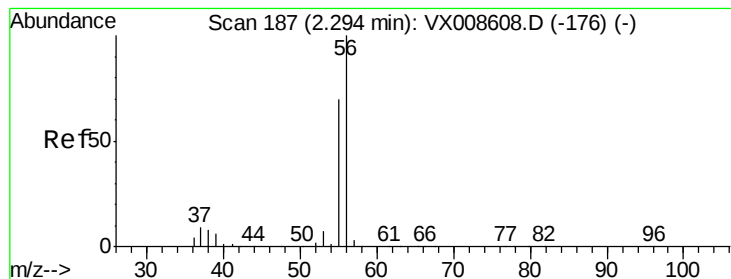


#12

1,1-Dichloroethene
 Concen: 49.754 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

Tgt Ion: 96 Resp: 102138
 Ion Ratio Lower Upper
 96 100
 61 176.7 140.9 211.3
 98 64.7 52.1 78.1





#13

Acrolein

Concen: 169.127 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

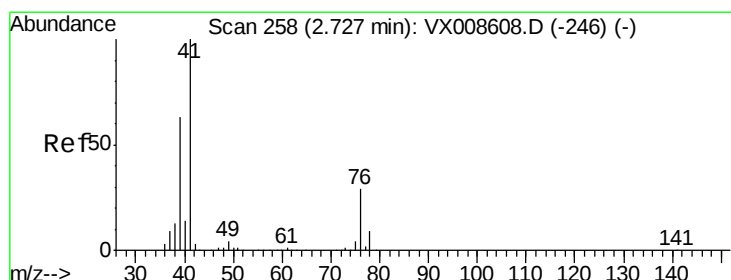
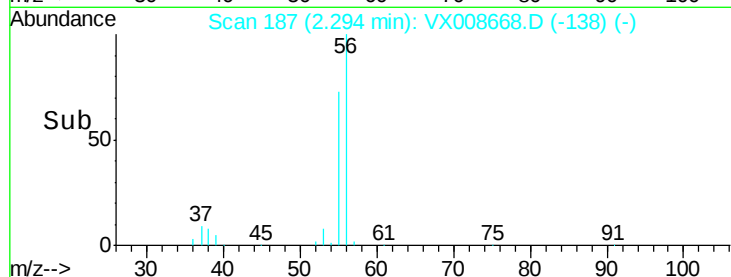
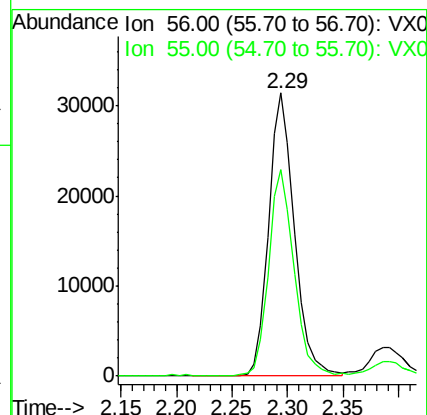
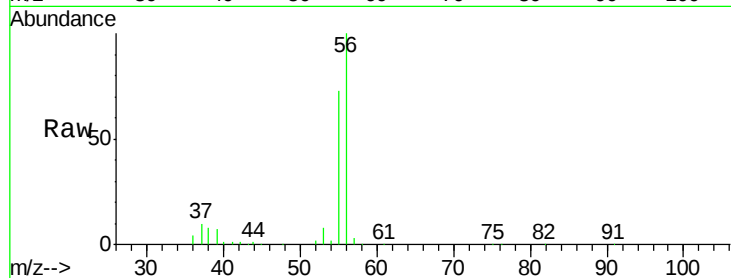
ST006RW149-190402MS

Tgt Ion: 56 Resp: 50849

Ion Ratio Lower Upper

56 100

55 71.7 58.0 87.0



#14

Allyl chloride

Concen: 44.292 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

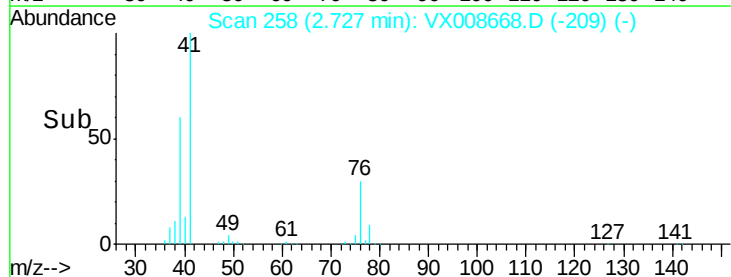
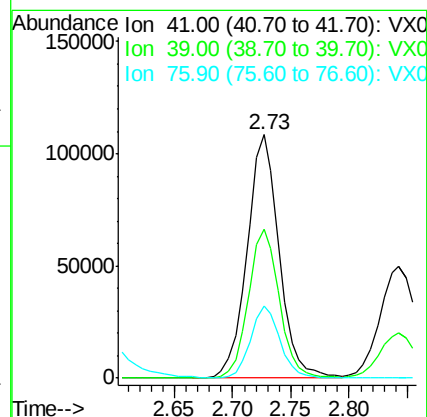
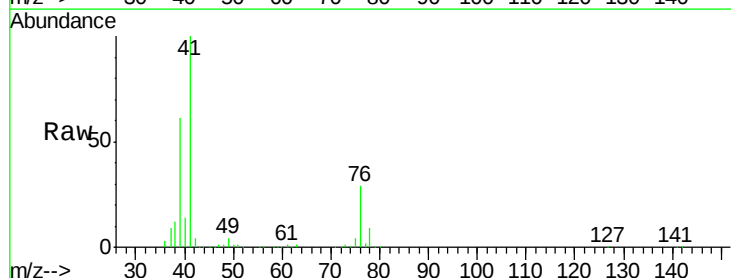
Tgt Ion: 41 Resp: 208153

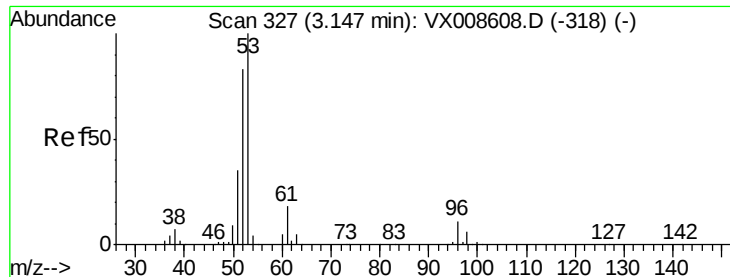
Ion Ratio Lower Upper

41 100

39 59.5 48.0 72.0

76 27.2 22.0 33.0





#15

Acrylonitrile

Concen: 230.194 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MS

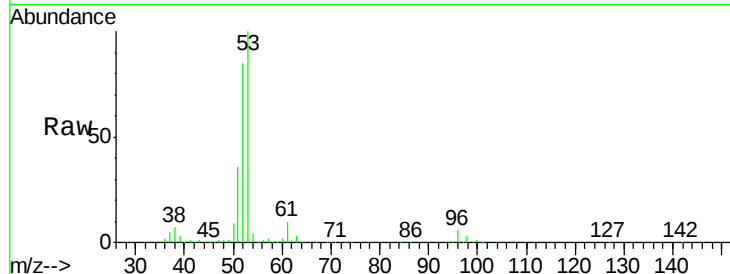
Tgt Ion: 53 Resp: 369762

Ion Ratio Lower Upper

53 100

52 83.2 66.5 99.7

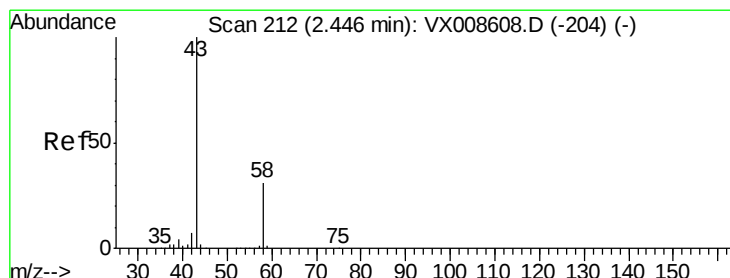
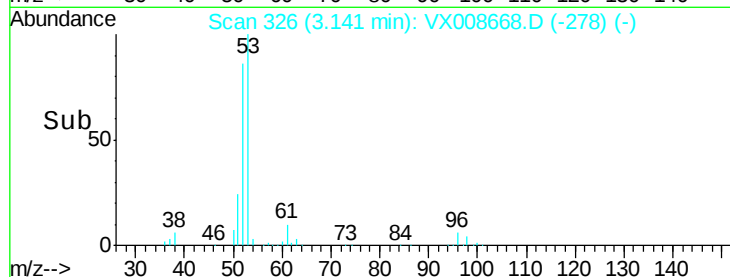
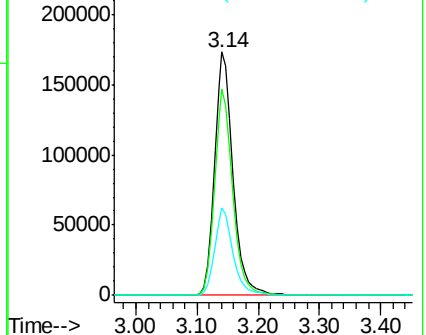
51 35.8 28.6 42.8



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: 206.105 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008668.D

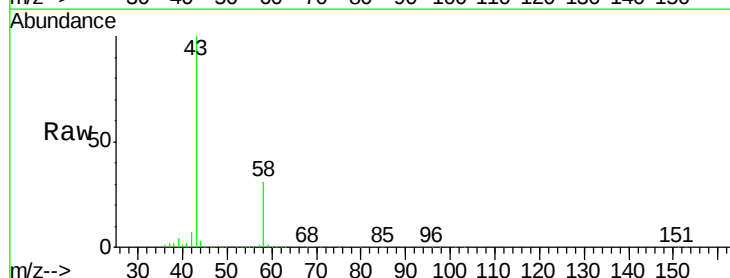
Acq: 05 Apr 2019 04:32

Tgt Ion: 43 Resp: 307455

Ion Ratio Lower Upper

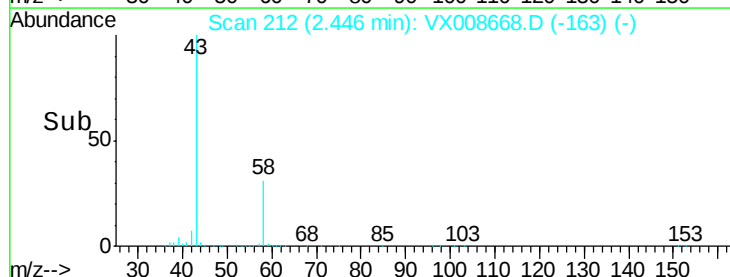
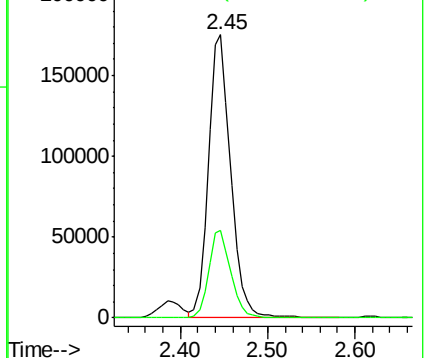
43 100

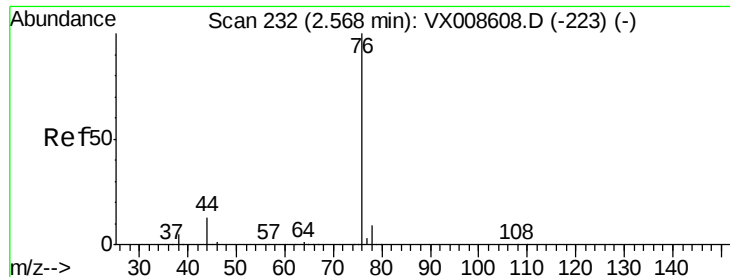
58 31.1 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

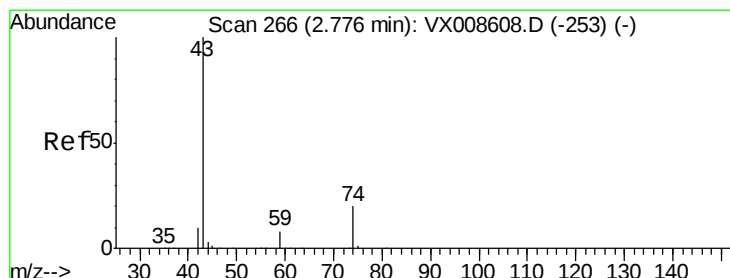
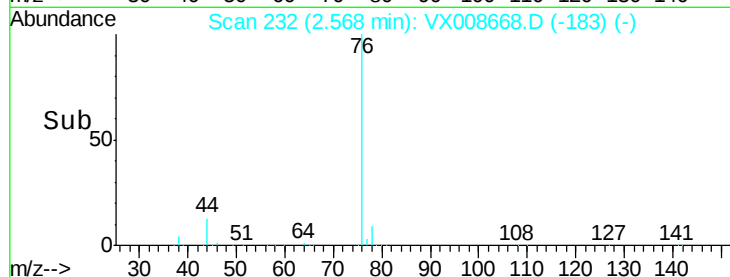
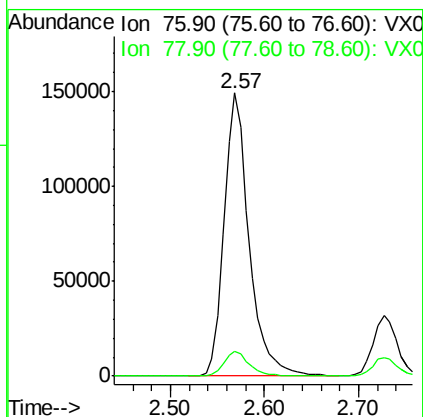
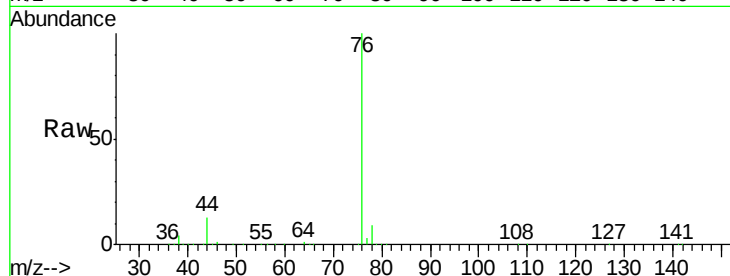




#17
Carbon Disulfide
Concen: 46.294 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

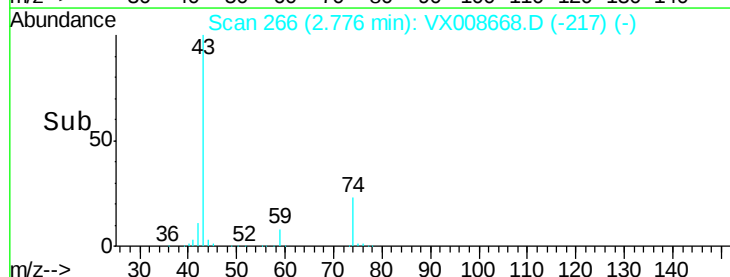
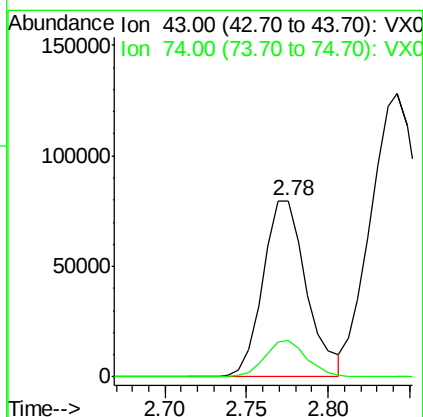
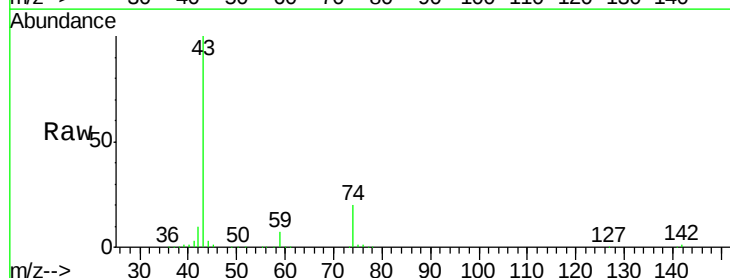
Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MS

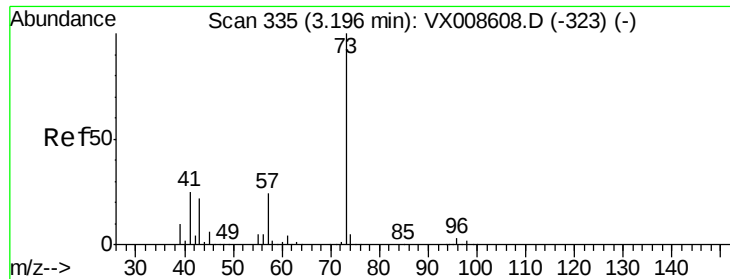
Tgt Ion: 76 Resp: 274761
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 40.803 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Tgt Ion: 43 Resp: 147622
Ion Ratio Lower Upper
43 100
74 20.6 16.5 24.7

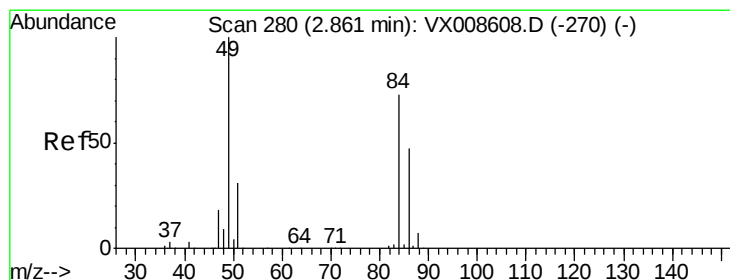
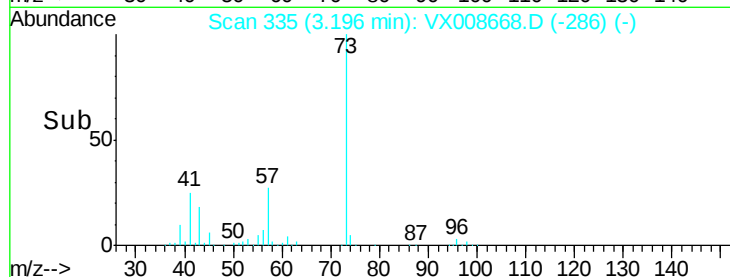
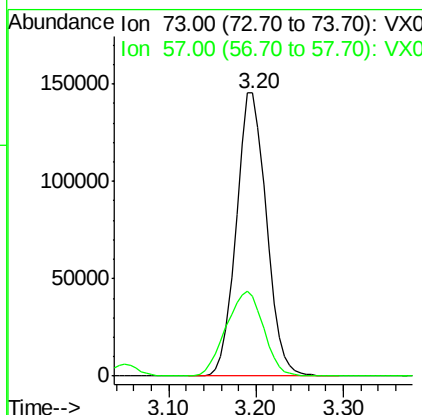
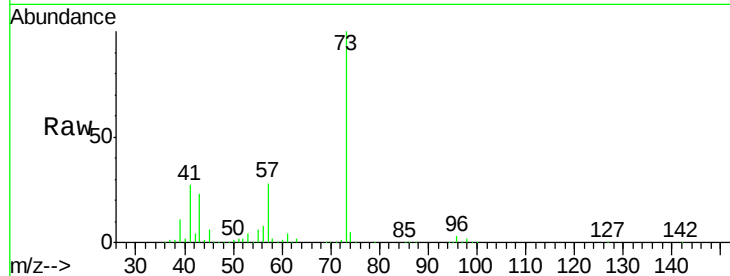




#19
Methyl tert-butyl Ether
Concen: 47.632 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

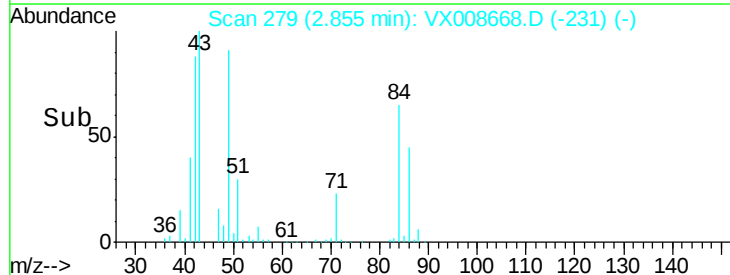
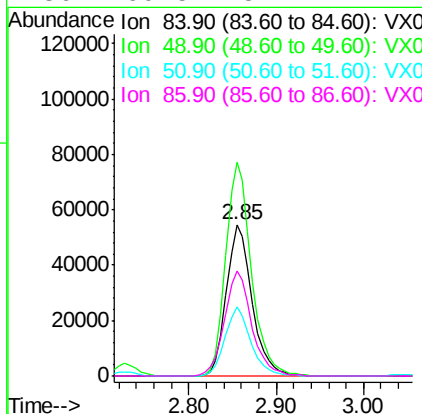
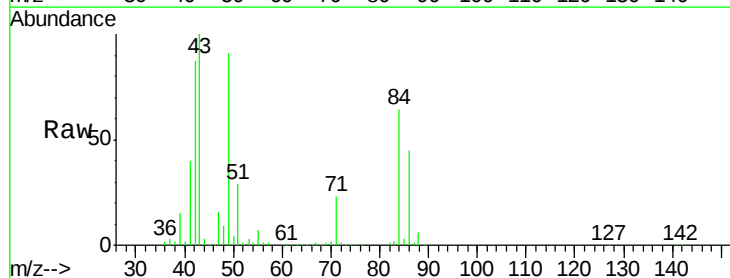
Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MS

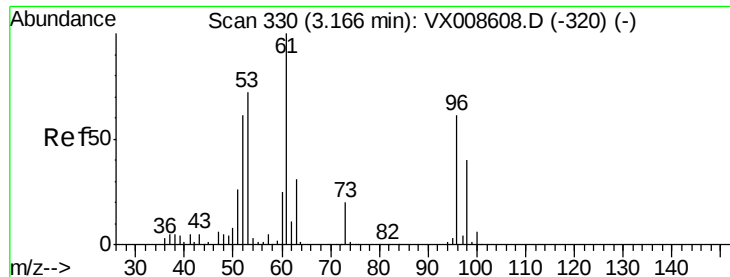
Tgt Ion: 73 Resp: 349204
Ion Ratio Lower Upper
73 100
57 28.0 19.5 29.3



#20
Methylene Chloride
Concen: 44.604 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Tgt Ion: 84 Resp: 111376
Ion Ratio Lower Upper
84 100
49 141.0 109.7 164.5
51 45.8 33.6 50.4
86 69.5 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 49.753 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MS

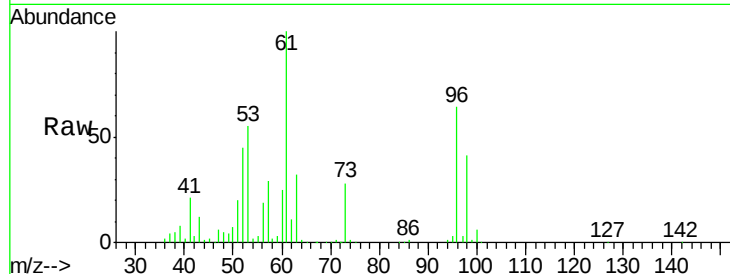
Tgt Ion: 96 Resp: 110477

Ion Ratio Lower Upper

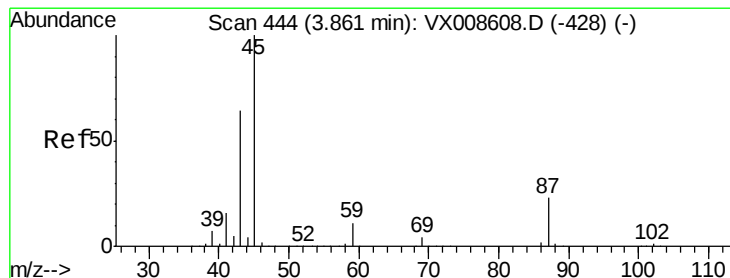
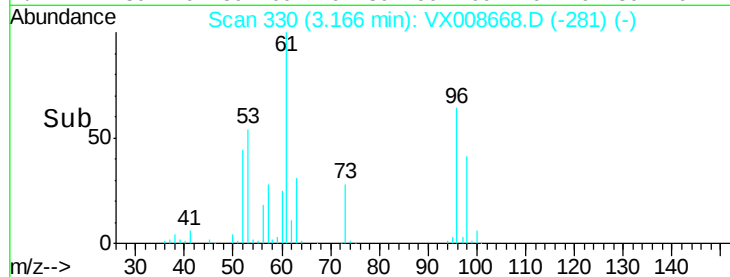
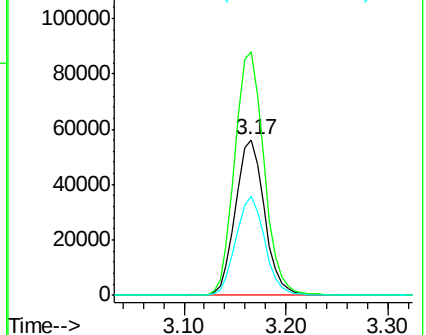
96 100

61 156.7 132.1 198.1

98 64.0 52.2 78.2



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: 46.388 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Tgt Ion: 45 Resp: 420173

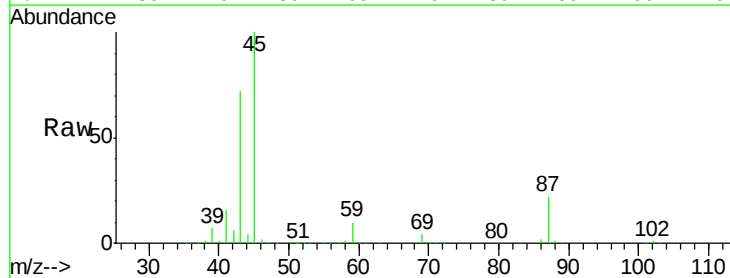
Ion Ratio Lower Upper

45 100

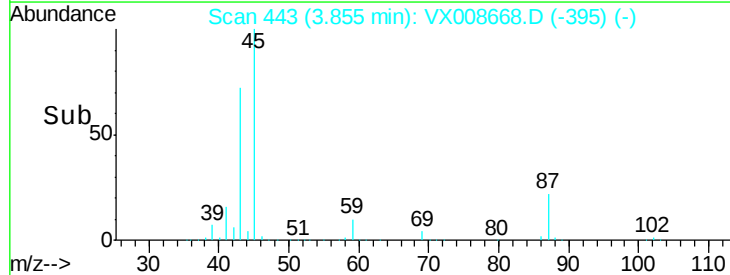
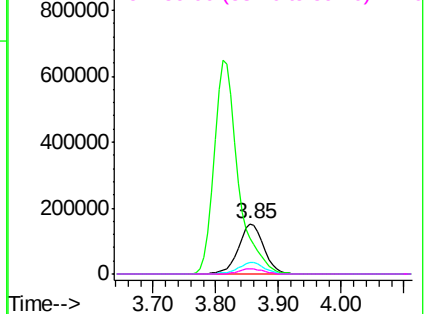
43 71.8 51.3 76.9

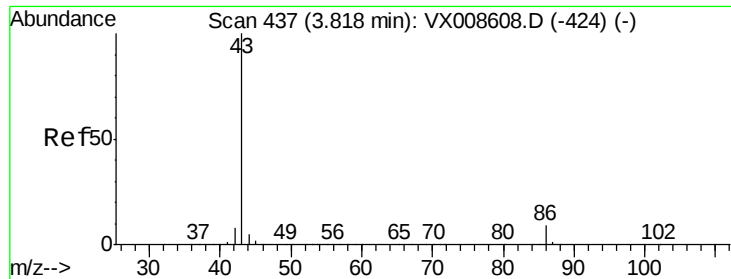
87 22.0 18.1 27.1

59 10.3 8.6 13.0



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: 216.727 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

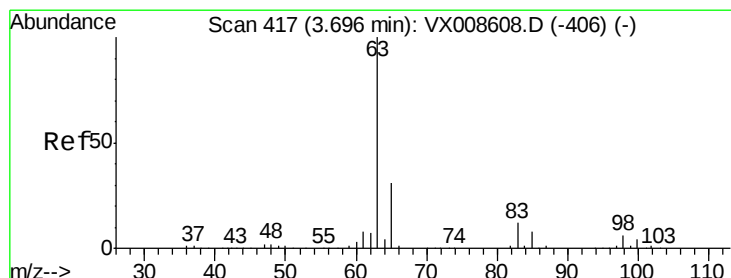
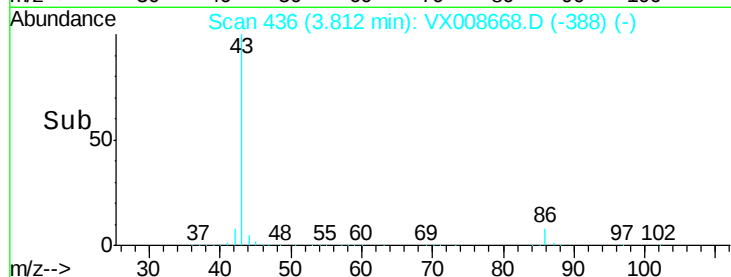
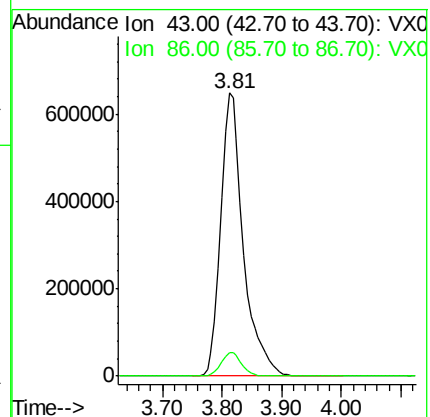
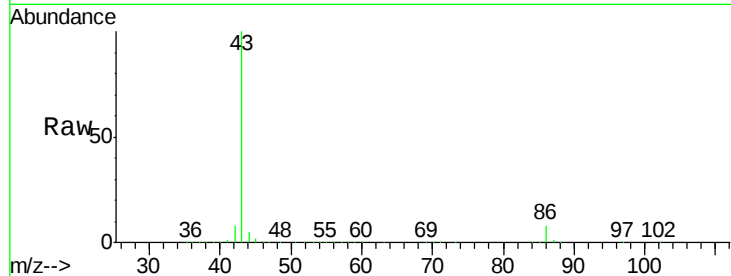
ST006RW149-190402MS

Tgt Ion: 43 Resp: 1707761

Ion Ratio Lower Upper

43 100

86 8.5 7.0 10.6



#24

1,1-Dichloroethane

Concen: 48.223 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

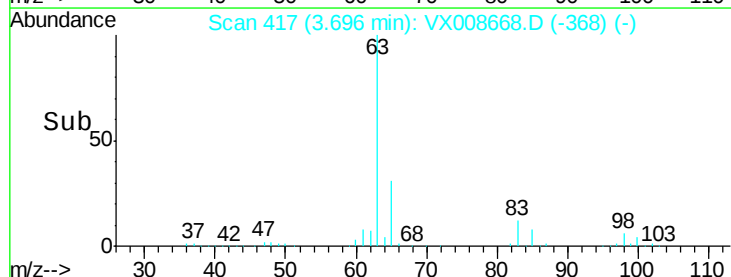
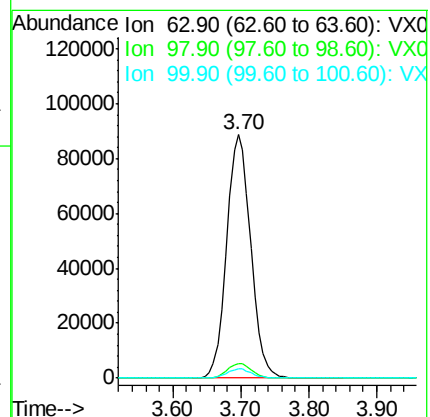
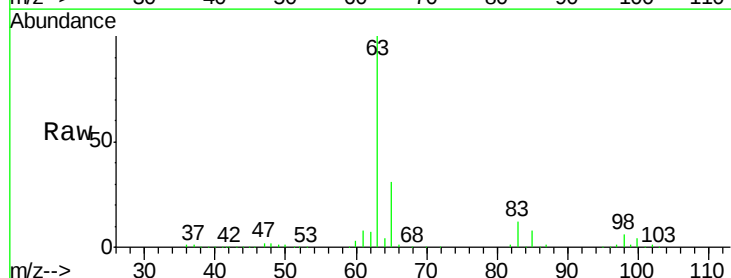
Tgt Ion: 63 Resp: 216265

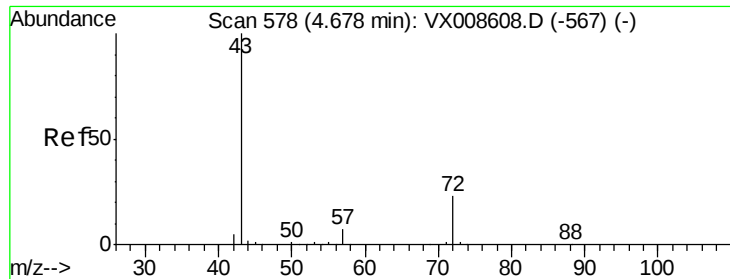
Ion Ratio Lower Upper

63 100

98 6.0 2.8 8.4

100 3.8 1.8 5.5





#25

2-Butanone

Concen: 220.443 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

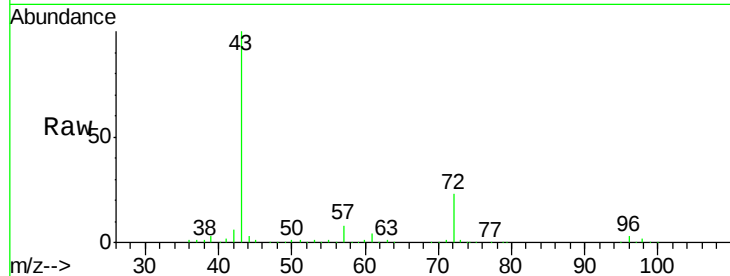
ST006RW149-190402MS

Tgt Ion: 43 Resp: 519748

Ion Ratio Lower Upper

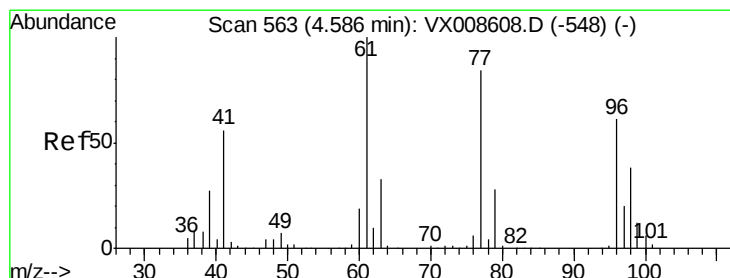
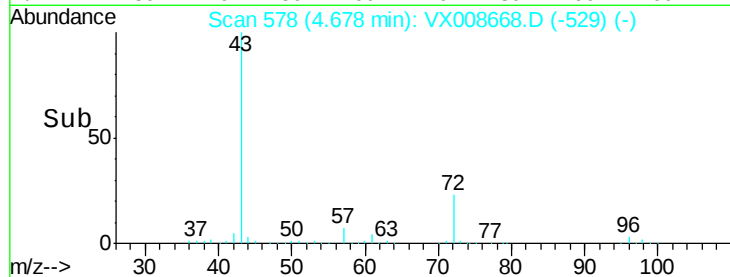
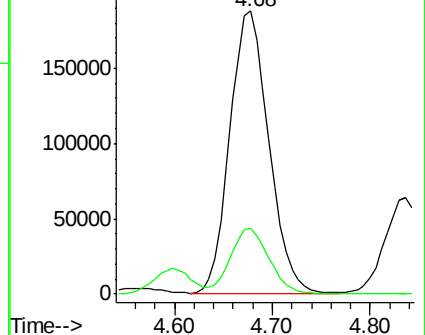
43 100

72 23.0 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 33.332 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX008668.D

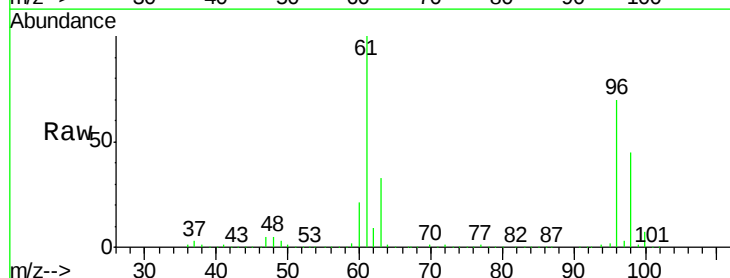
Acq: 05 Apr 2019 04:32

Tgt Ion: 77 Resp: 105283

Ion Ratio Lower Upper

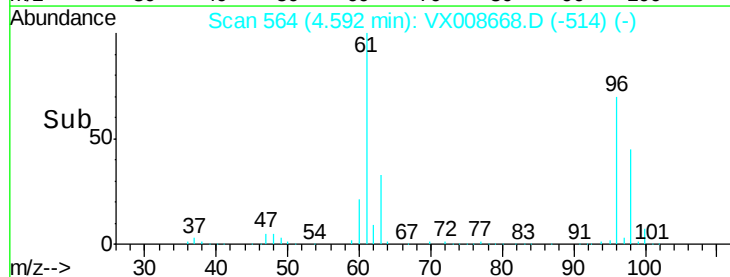
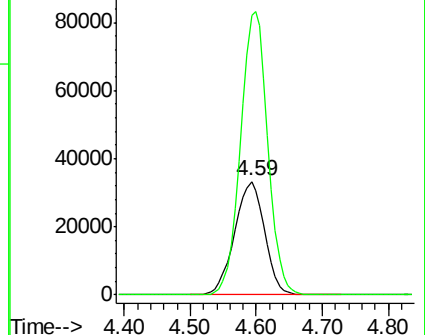
77 100

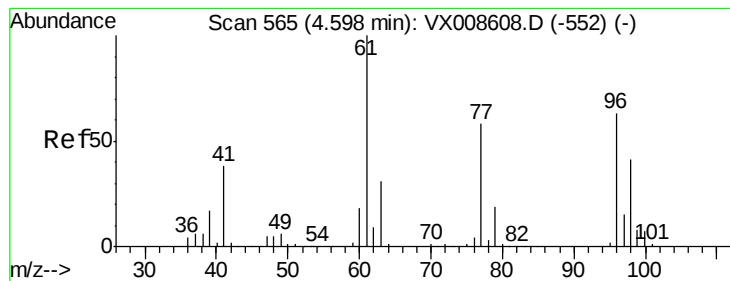
97 225.2 11.5 34.5#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



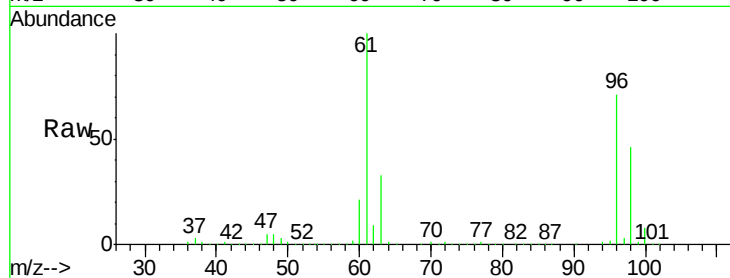


#27

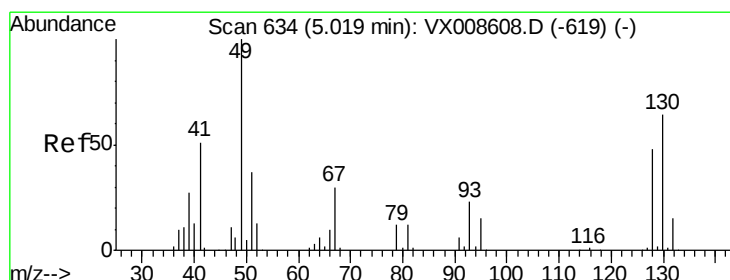
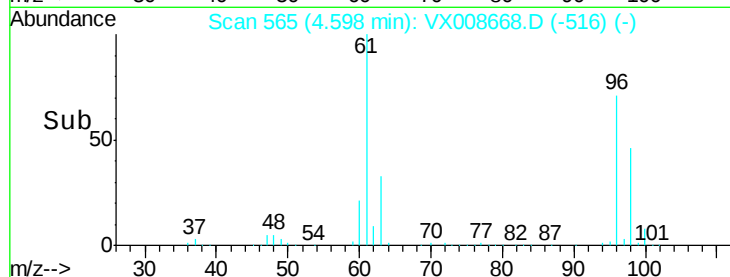
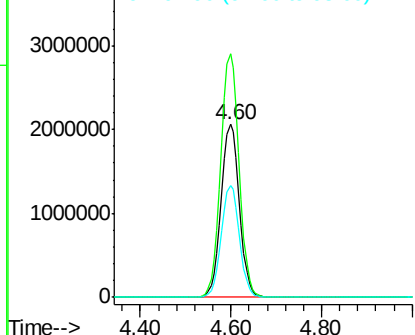
cis-1,2-Dichloroethene
 Concen: 2250.792 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MS

Tgt Ion: 96 Resp: 5746198
 Ion Ratio Lower Upper
 96 100
 61 141.9 0.0 327.6
 98 64.6 0.0 128.6



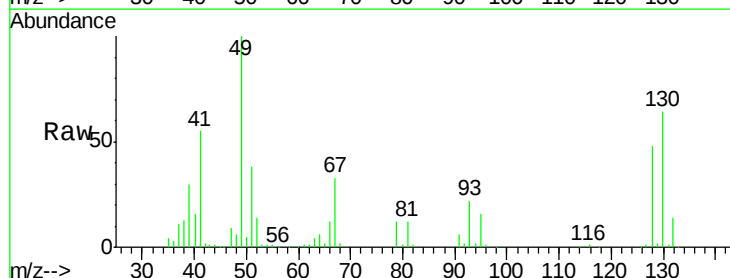
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



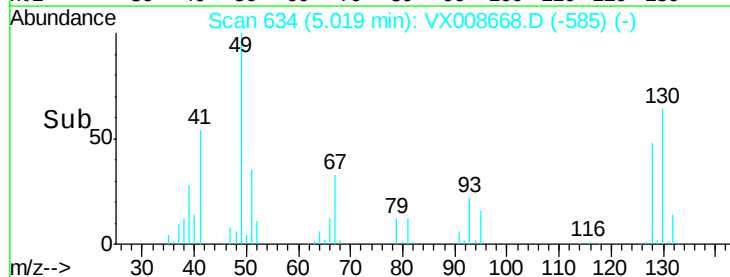
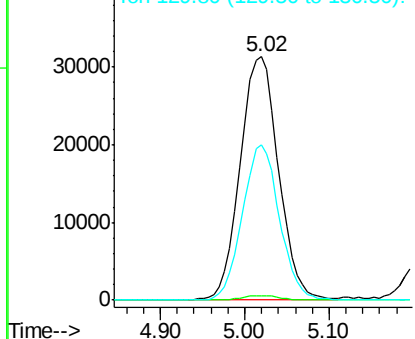
#28

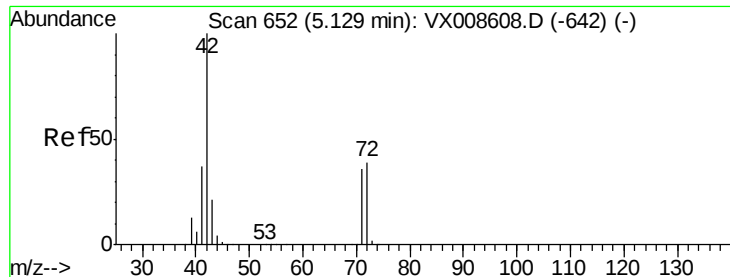
Bromochloromethane
 Concen: 51.815 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

Tgt Ion: 49 Resp: 96862
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.6
 130 61.5 49.3 73.9



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: 221.796 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MS

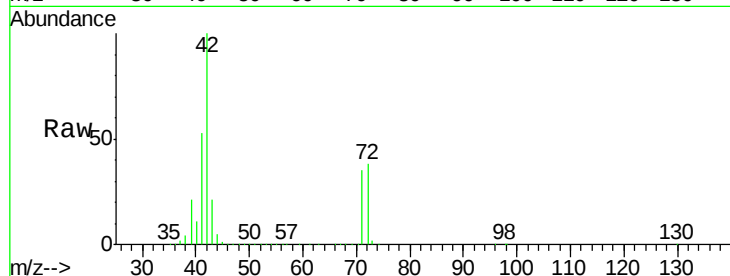
Tgt Ion: 42 Resp: 347086

Ion Ratio Lower Upper

42 100

72 37.5 30.5 45.7

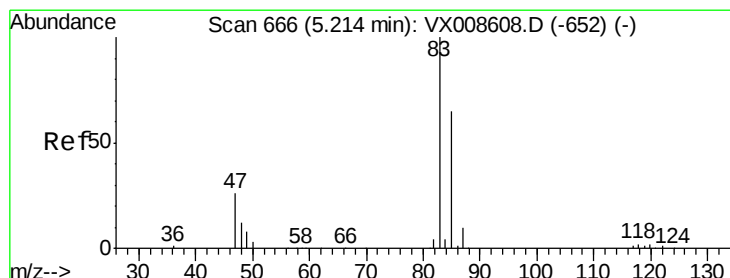
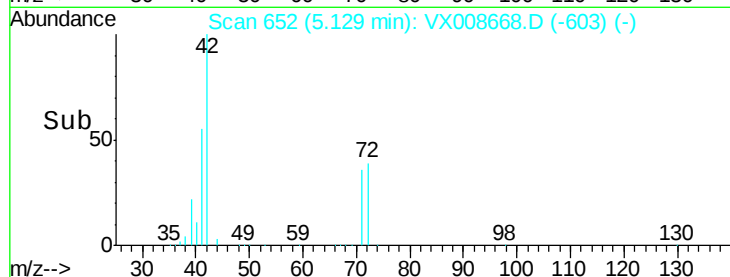
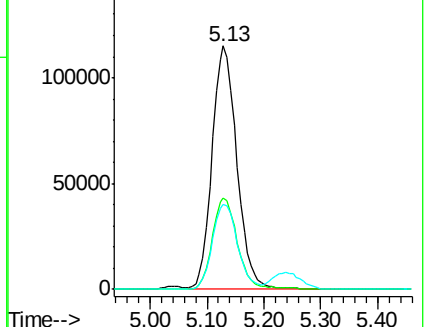
71 35.8 28.6 43.0



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: 45.956 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX008668.D

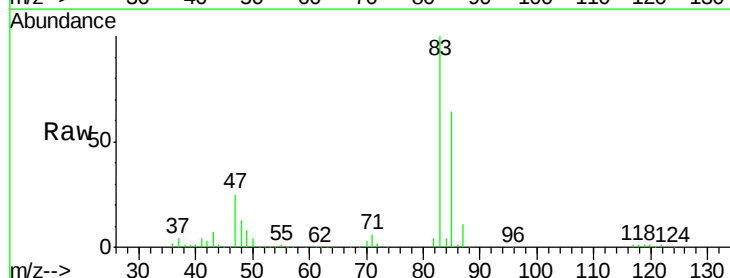
Acq: 05 Apr 2019 04:32

Tgt Ion: 83 Resp: 184077

Ion Ratio Lower Upper

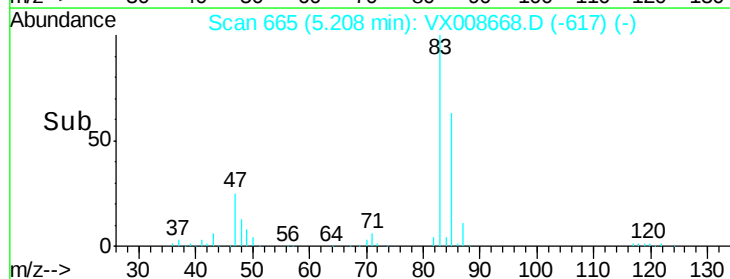
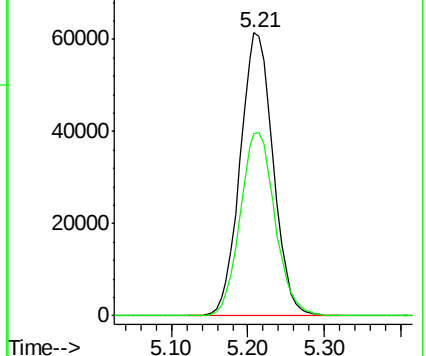
83 100

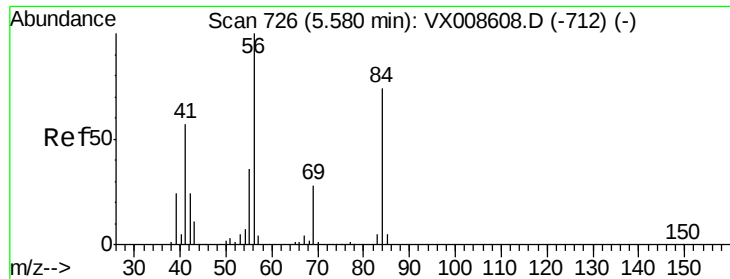
85 64.5 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

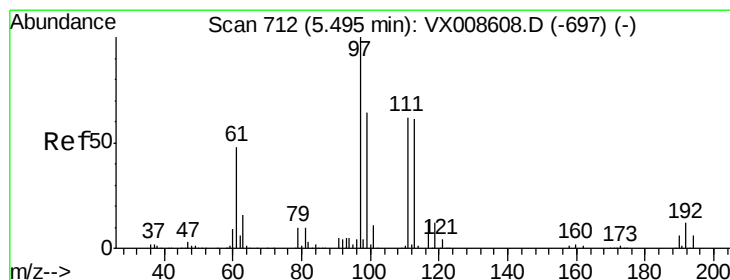
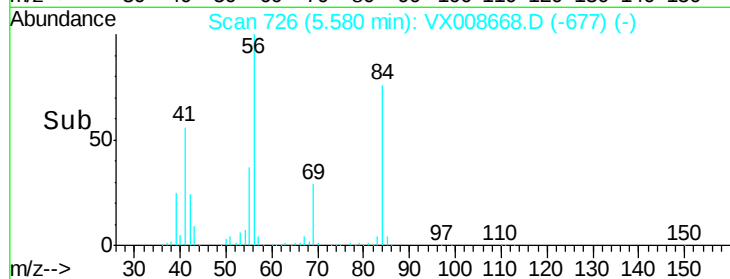
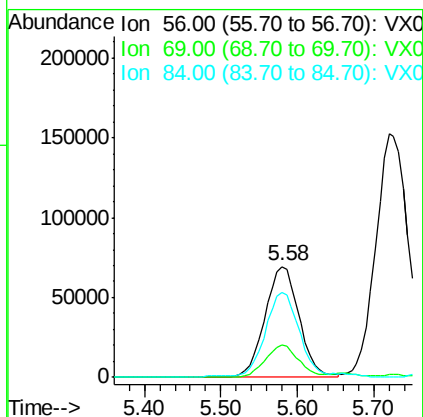
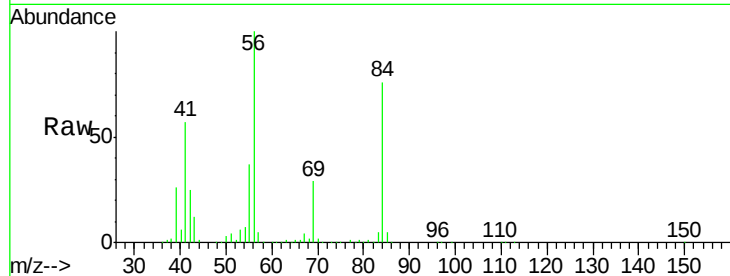




#31
Cyclohexane
Concen: 48.156 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

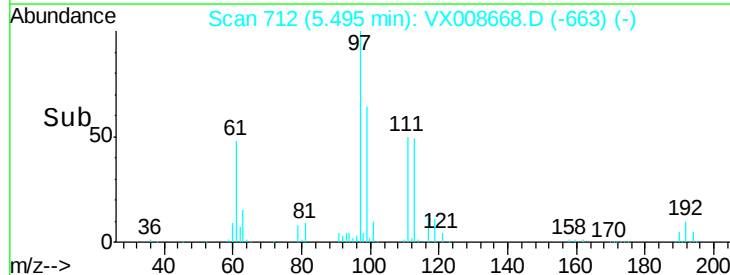
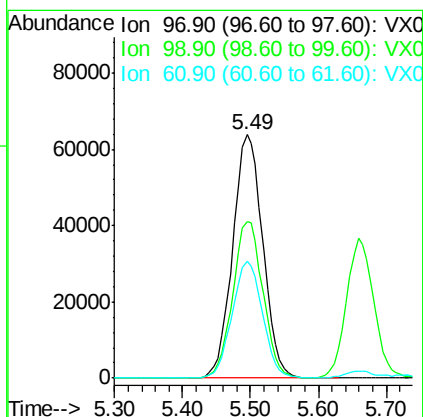
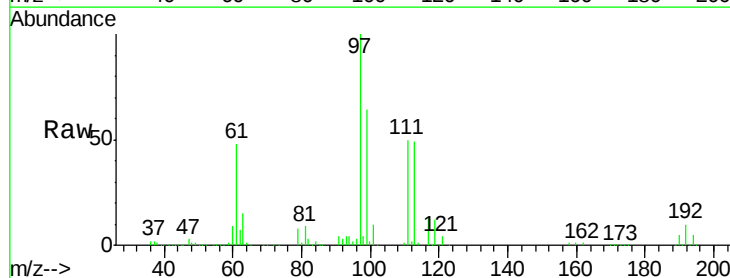
Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MS

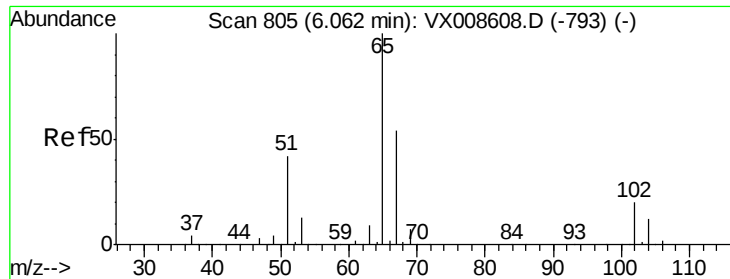
Tgt Ion: 56 Resp: 215494
Ion Ratio Lower Upper
56 100
69 28.7 22.6 33.8
84 75.8 59.3 88.9



#32
1,1,1-Trichloroethane
Concen: 60.653 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Tgt Ion: 97 Resp: 196325
Ion Ratio Lower Upper
97 100
99 64.3 51.3 76.9
61 48.2 38.9 58.3





#33

1,2-Dichloroethane-d4

Concen: 47.888 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

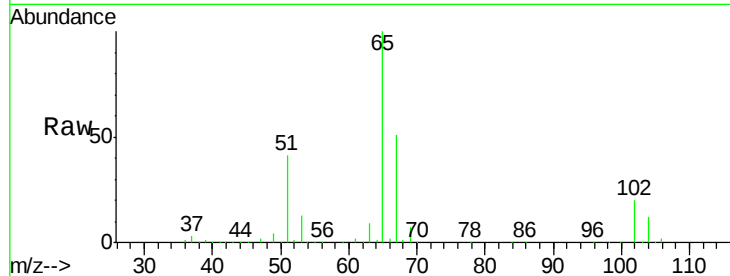
ST006RW149-190402MS

Tgt Ion: 65 Resp: 124029

Ion Ratio Lower Upper

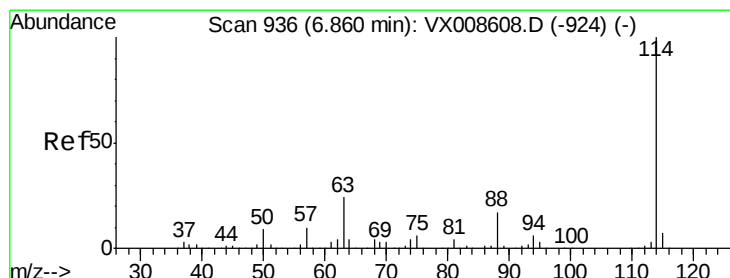
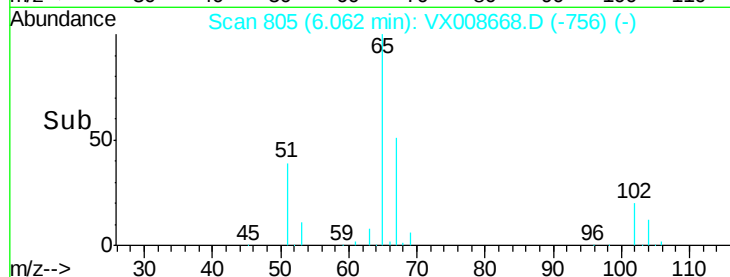
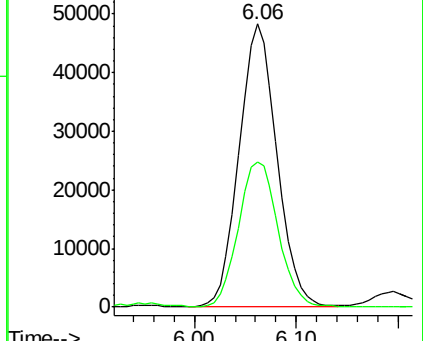
65 100

67 53.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

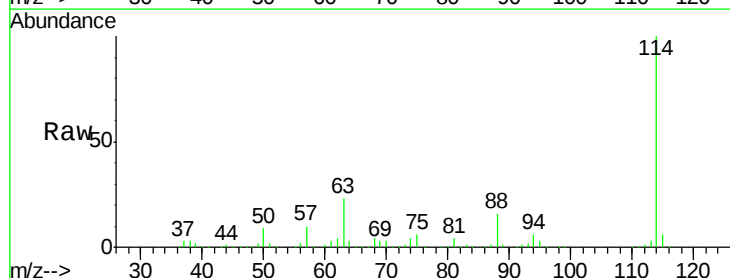
Tgt Ion: 114 Resp: 303472

Ion Ratio Lower Upper

114 100

63 23.0 0.0 47.2

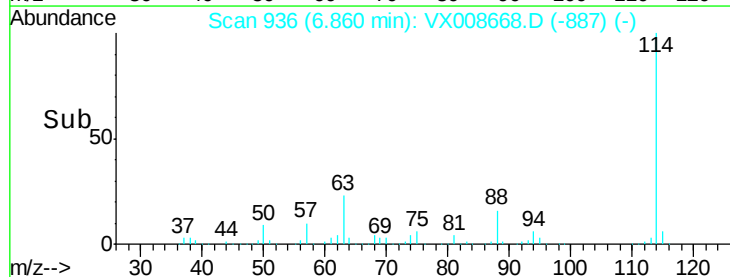
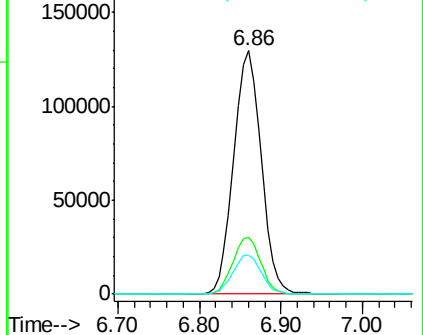
88 16.2 0.0 34.0

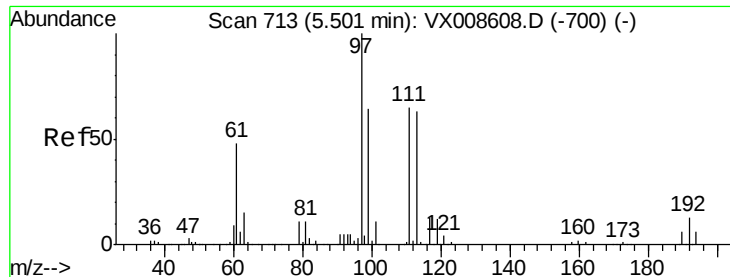


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

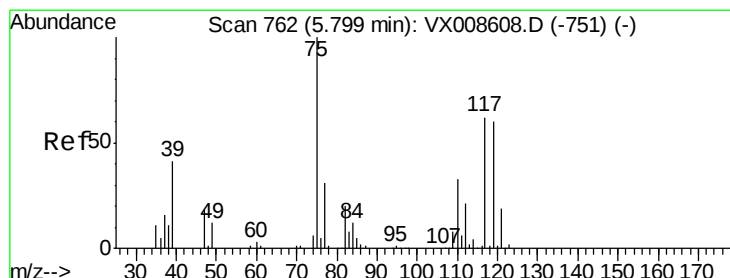
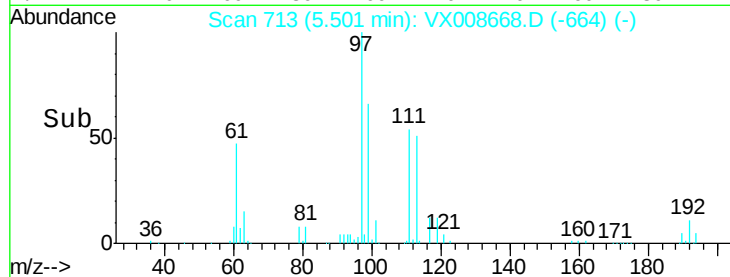
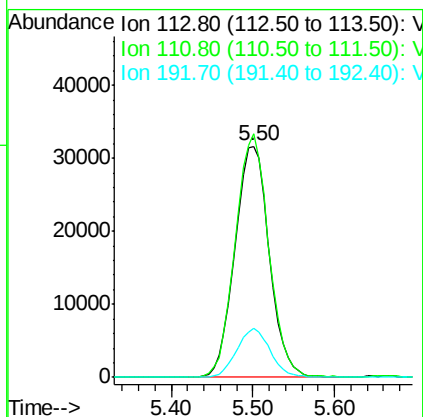
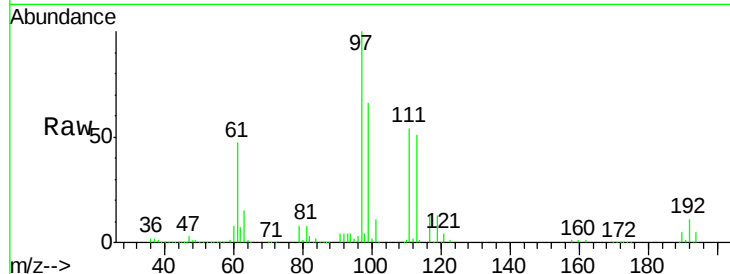




#35
 Dibromofluoromethane
 Concen: 47.596 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

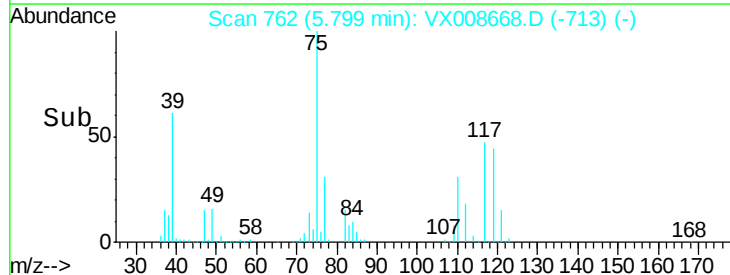
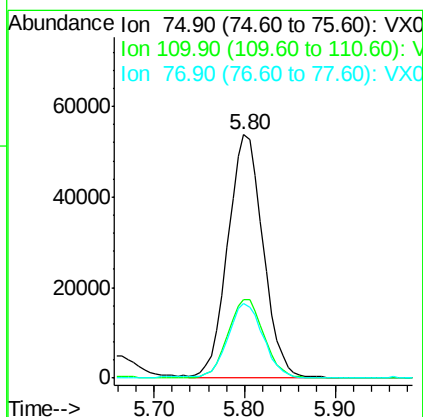
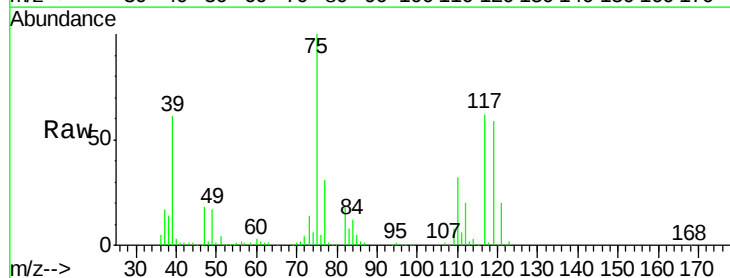
Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MS

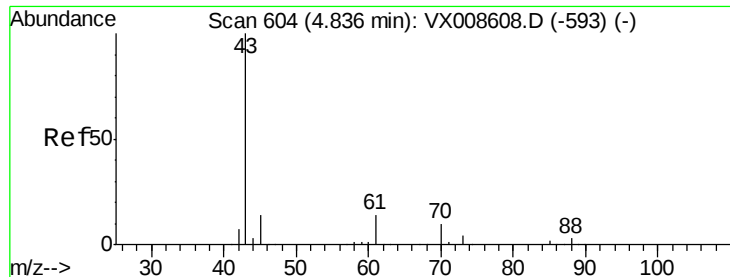
Tgt Ion:113 Resp: 92350
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.4 125.2
 192 20.6 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 43.513 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

Tgt Ion: 75 Resp: 144345
 Ion Ratio Lower Upper
 75 100
 110 33.4 16.4 49.2
 77 31.1 24.7 37.1

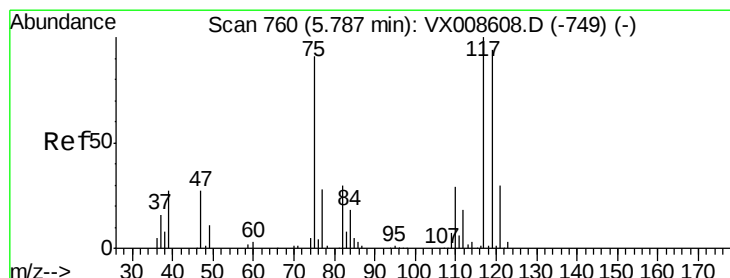
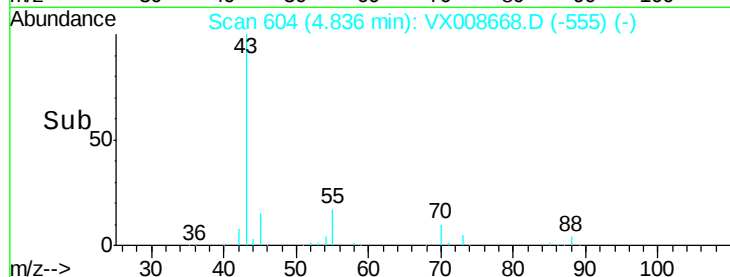
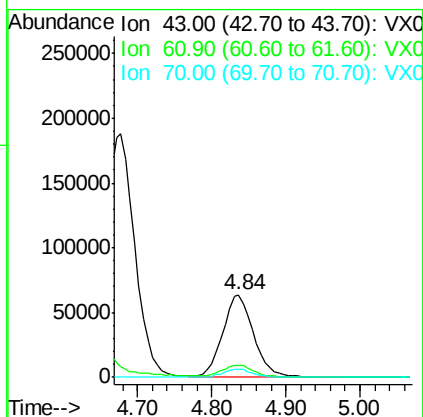
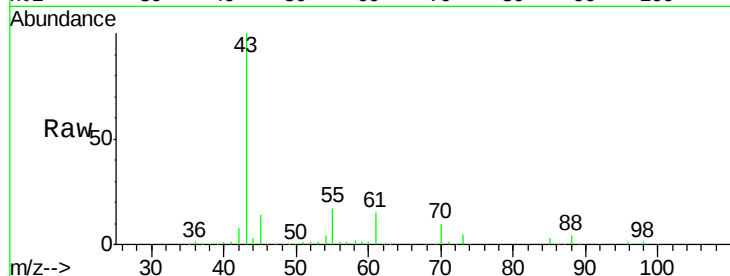




#37
Ethyl Acetate
Concen: 41.469 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

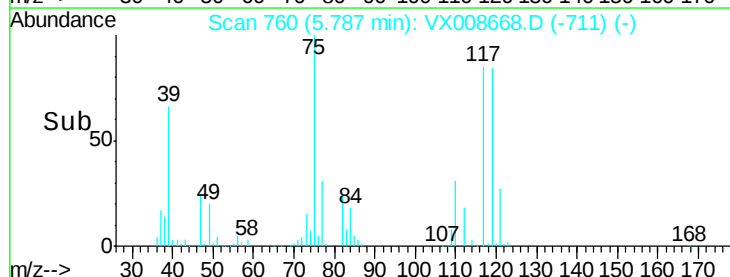
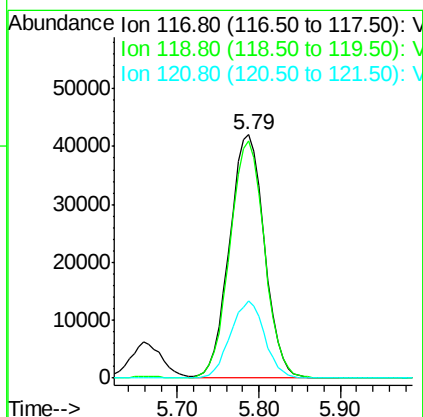
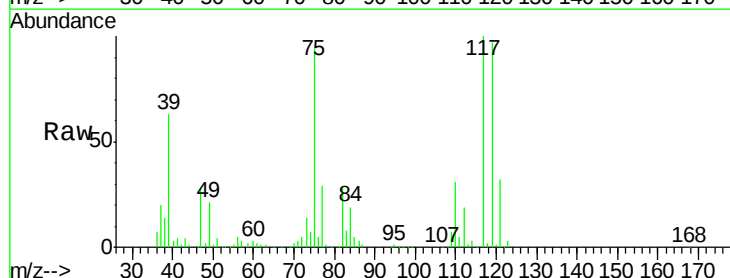
Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MS

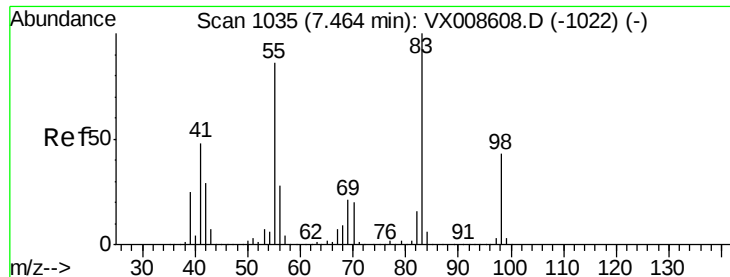
Tgt Ion: 43 Resp: 183617
Ion Ratio Lower Upper
43 100
61 0.0 10.3 15.5#
70 9.8 7.6 11.4



#38
Carbon Tetrachloride
Concen: 45.331 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Tgt Ion: 117 Resp: 124458
Ion Ratio Lower Upper
117 100
119 97.3 75.0 112.6
121 31.9 24.3 36.5

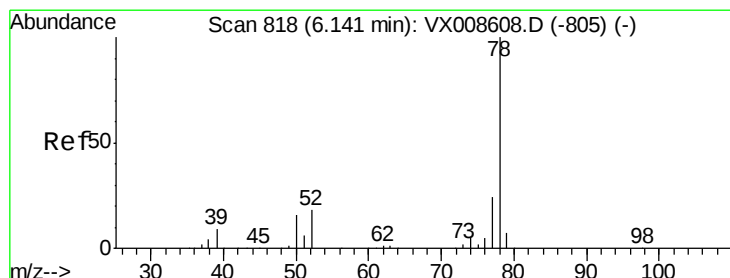
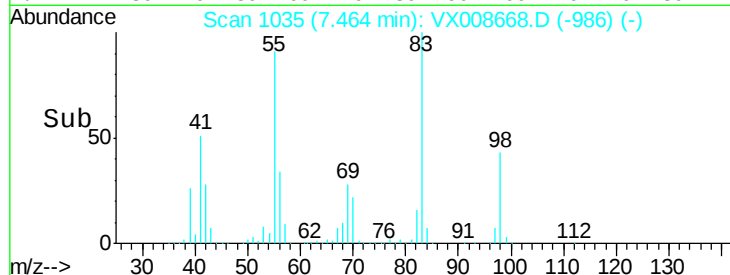
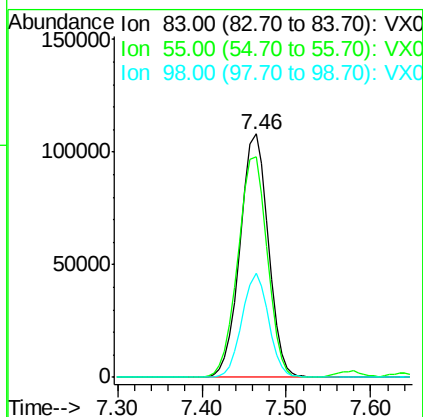
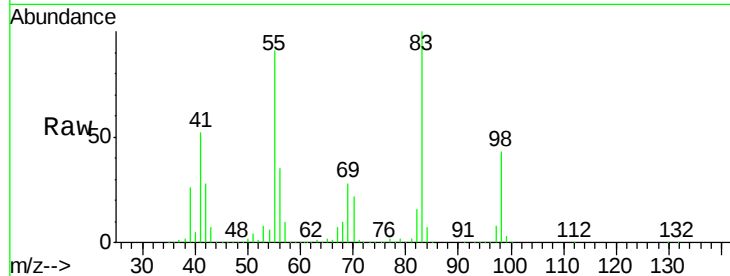




#39
Methylcyclohexane
Concen: 59.501 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

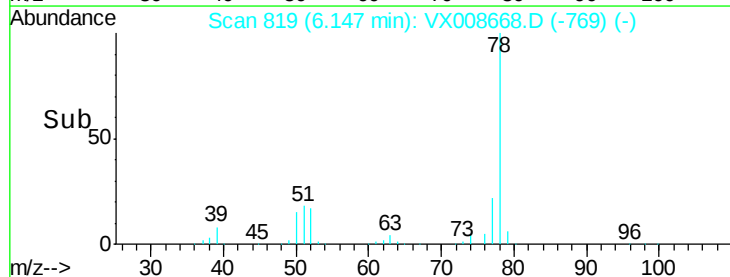
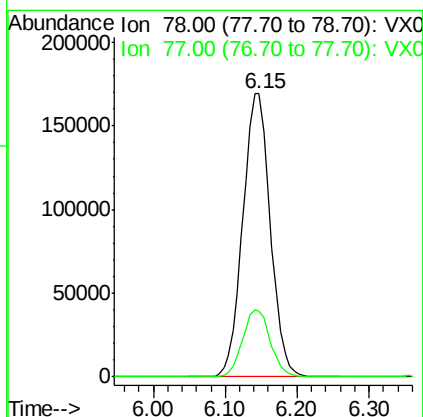
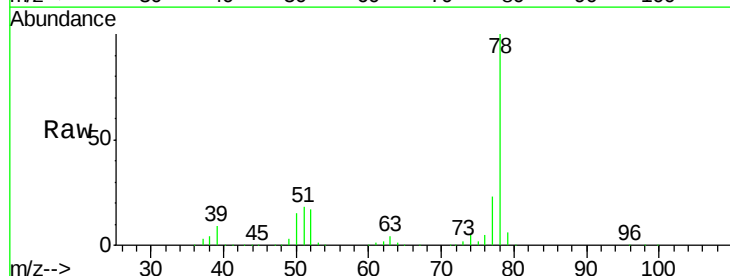
Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MS

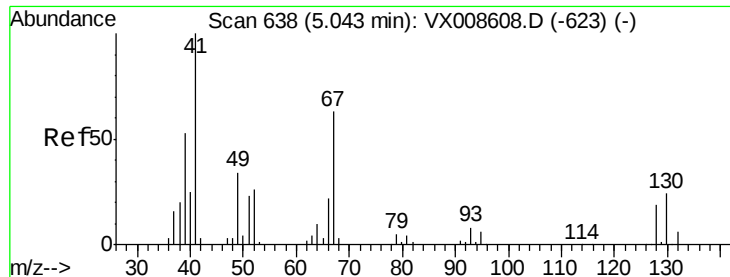
Tgt Ion: 83 Resp: 243829
Ion Ratio Lower Upper
83 100
55 90.6 69.0 103.6
98 42.5 34.4 51.6



#40
Benzene
Concen: 45.433 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Tgt Ion: 78 Resp: 448992
Ion Ratio Lower Upper
78 100
77 23.1 19.1 28.7





#41

Methacrylonitrile

Concen: 44.938 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MS

Tgt Ion: 41 Resp: 114374

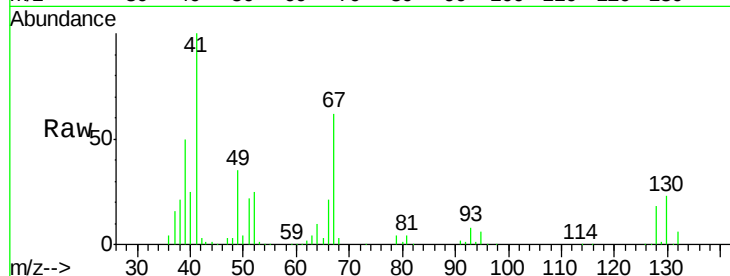
Ion Ratio Lower Upper

41 100

39 51.6 42.1 63.1

67 63.4 51.0 76.6

52 26.4 21.4 32.0

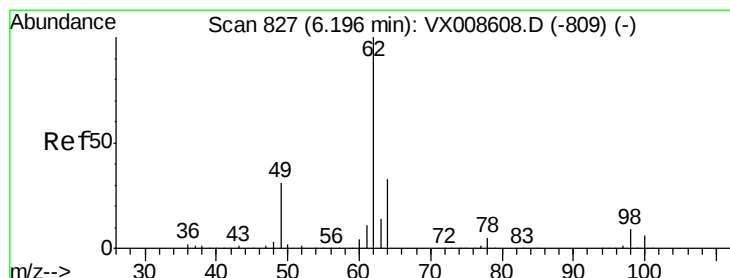
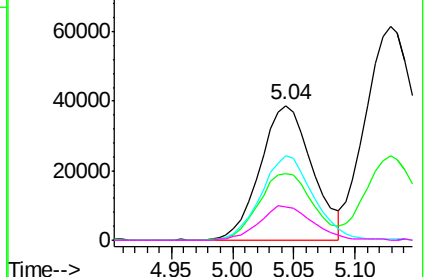
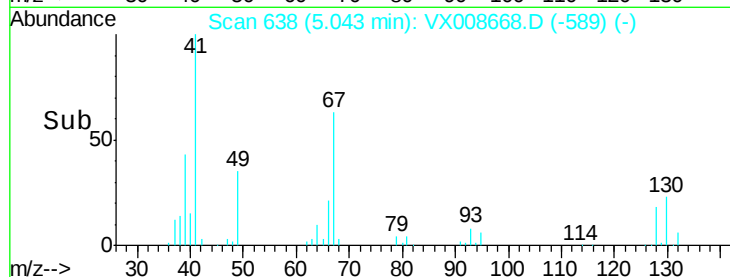


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 44.326 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX008668.D

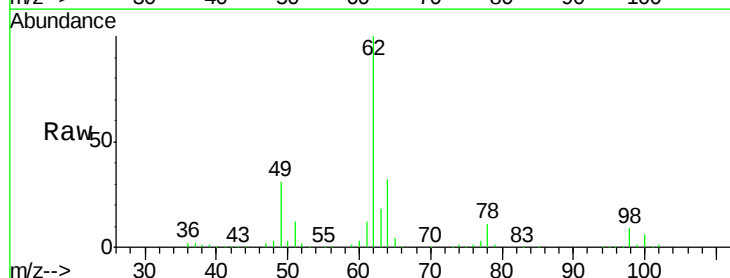
Acq: 05 Apr 2019 04:32

Tgt Ion: 62 Resp: 157042

Ion Ratio Lower Upper

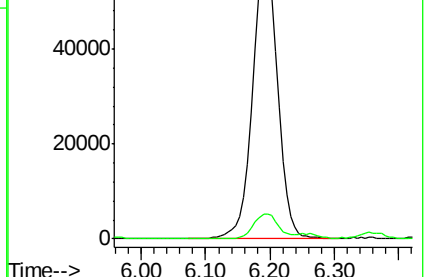
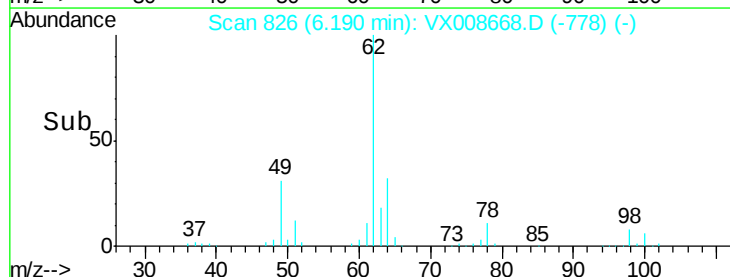
62 100

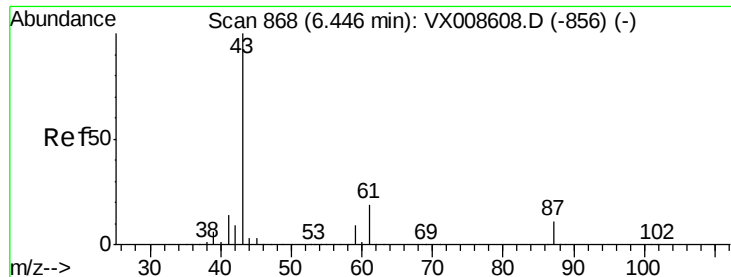
98 9.0 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 44.505 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MS

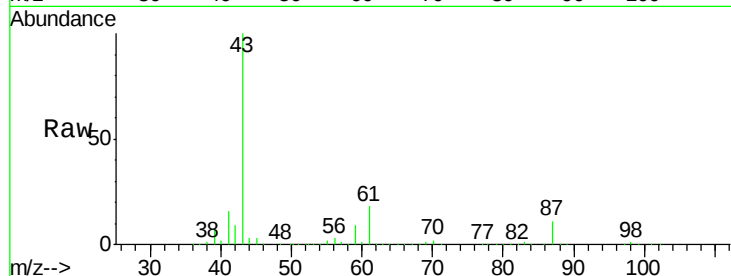
Tgt Ion: 43 Resp: 308696

Ion Ratio Lower Upper

43 100

61 18.9 15.3 22.9

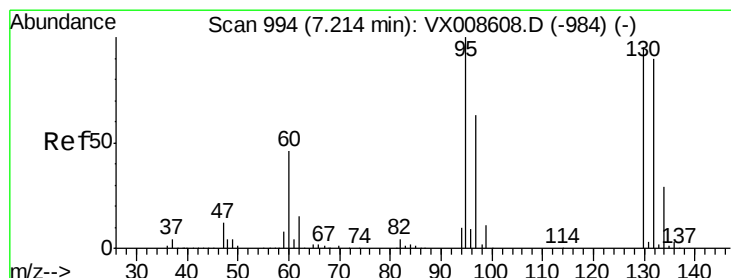
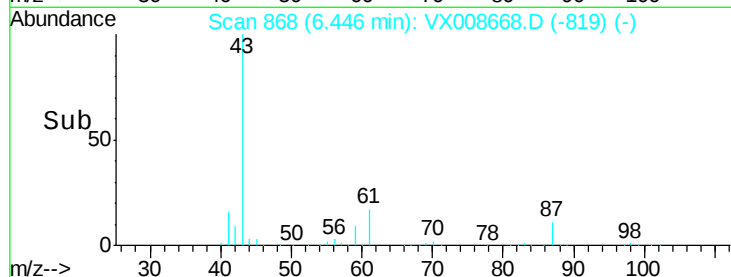
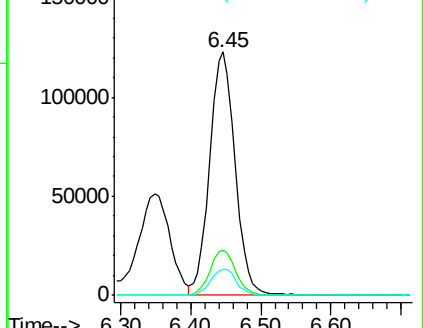
87 11.1 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 748.603 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008668.D

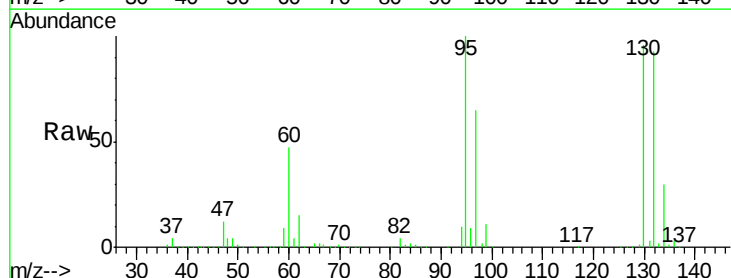
Acq: 05 Apr 2019 04:32

Tgt Ion: 130 Resp: 1723058

Ion Ratio Lower Upper

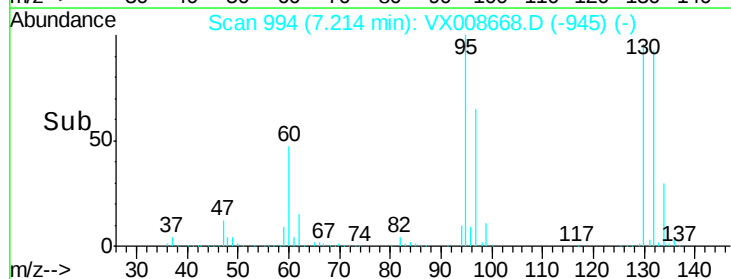
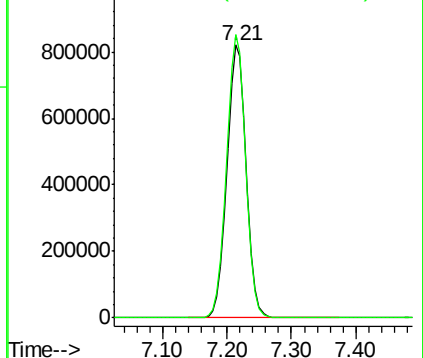
130 100

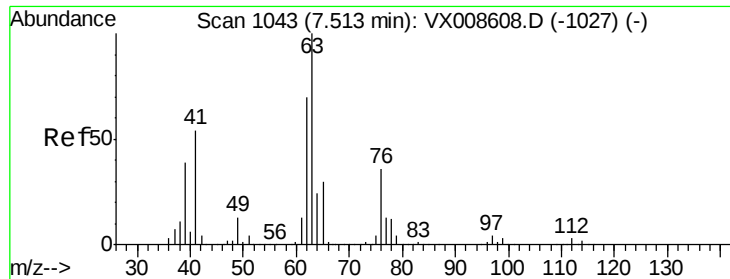
95 103.7 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

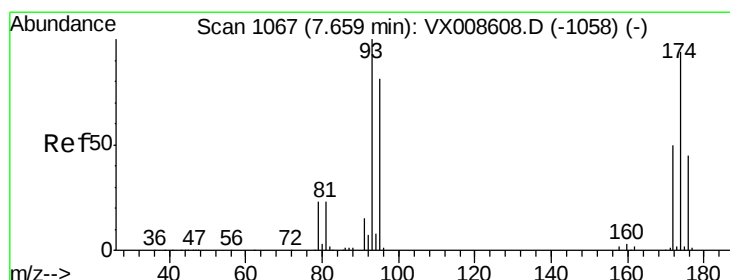
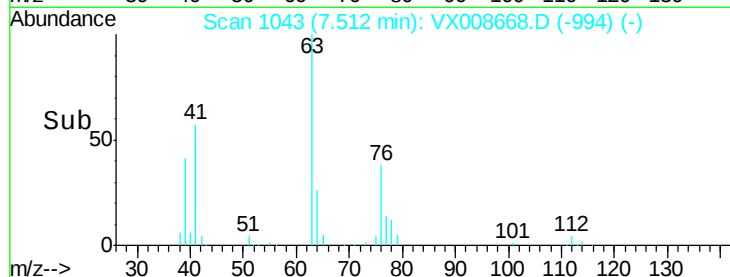
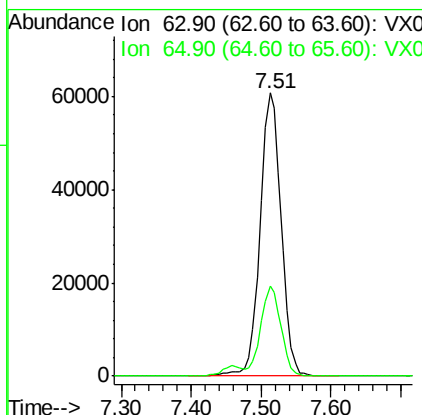
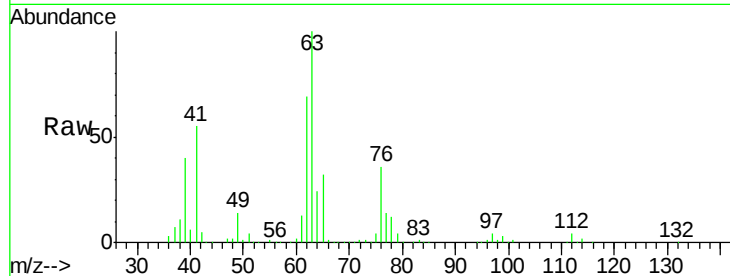




#45
 1,2-Dichloropropane
 Concen: 45.087 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

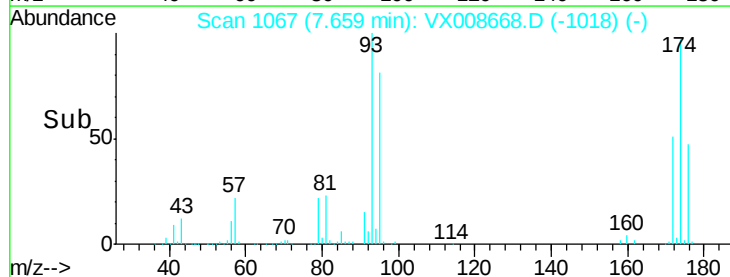
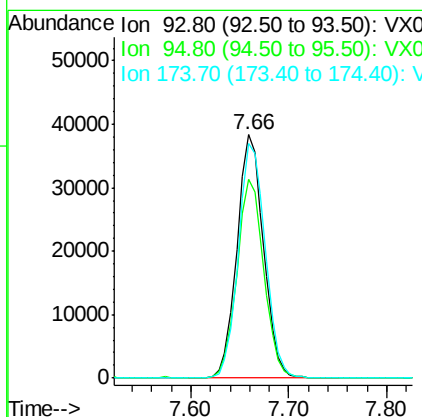
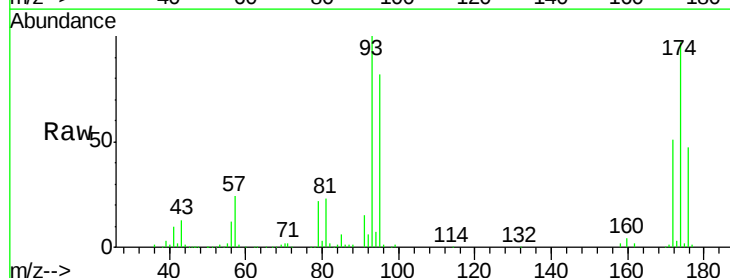
Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MS

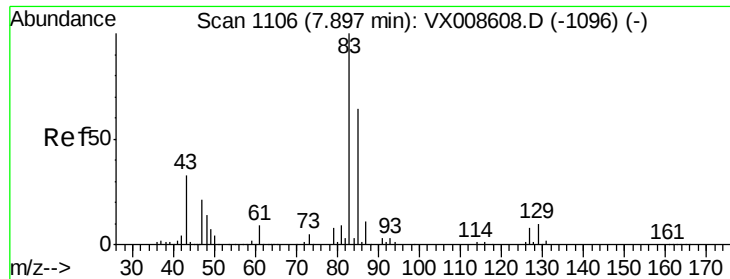
Tgt Ion: 63 Resp: 127178
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.2 36.4



#46
 Dibromomethane
 Concen: 44.252 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

Tgt Ion: 93 Resp: 72394
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.6 99.8
 174 97.8 77.7 116.5





#47

Bromodichloromethane

Concen: 47.776 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MS

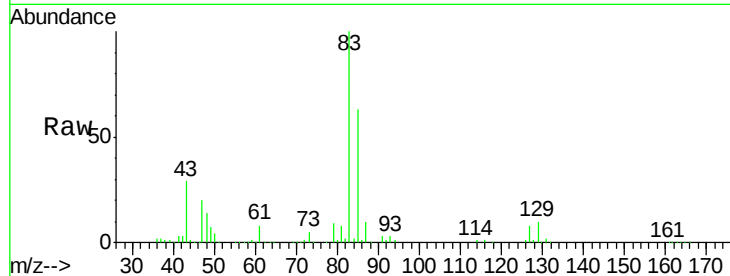
Tgt Ion: 83 Resp: 147371

Ion Ratio Lower Upper

83 100

85 62.7 51.2 76.8

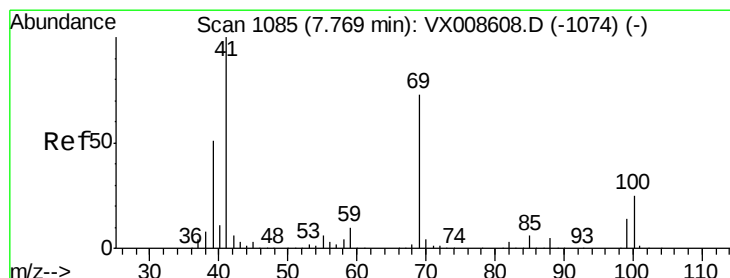
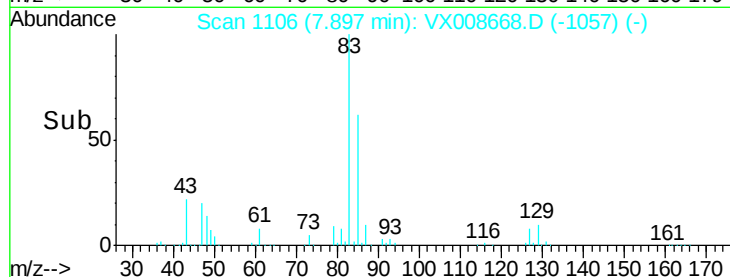
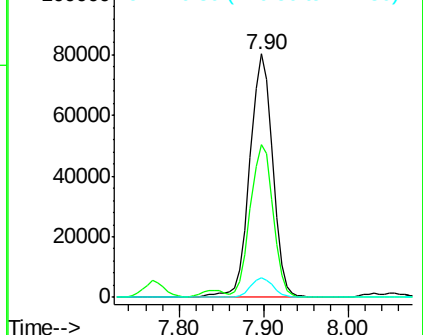
127 7.9 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 45.494 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

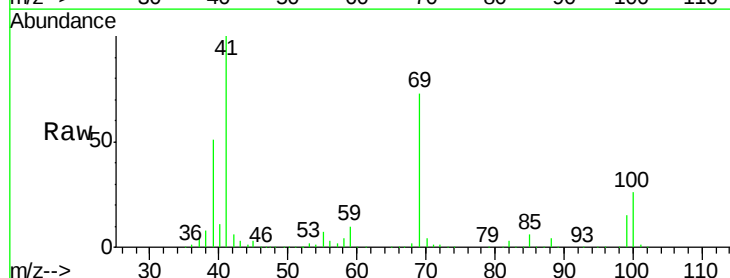
Tgt Ion: 41 Resp: 159626

Ion Ratio Lower Upper

41 100

69 75.9 59.0 88.4

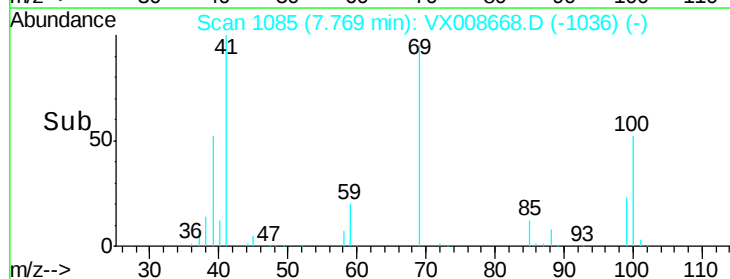
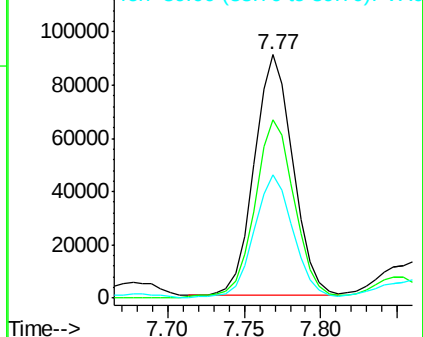
39 50.7 41.0 61.4

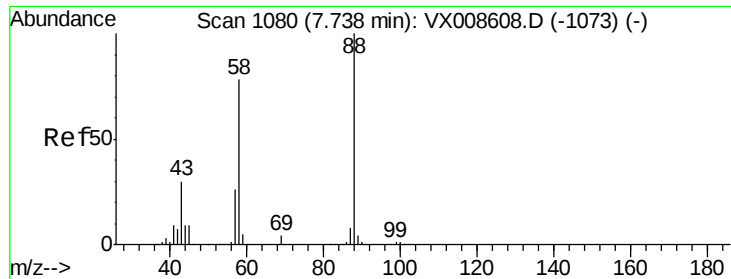


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

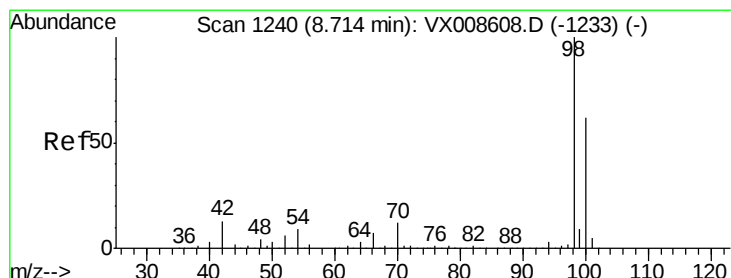
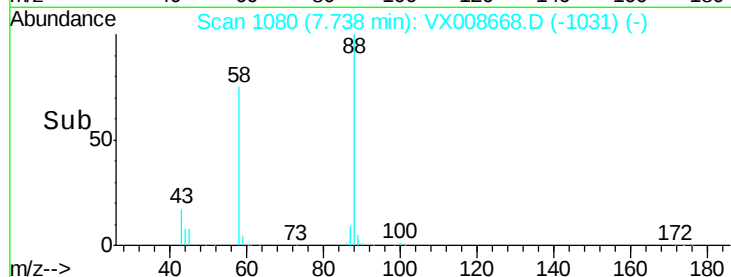
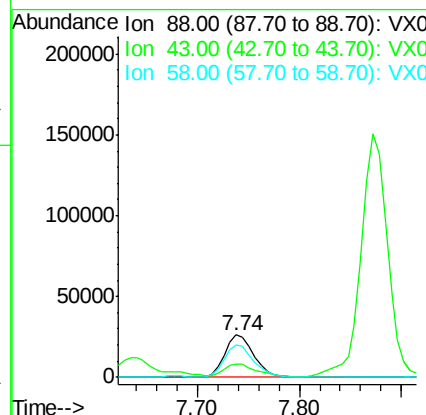
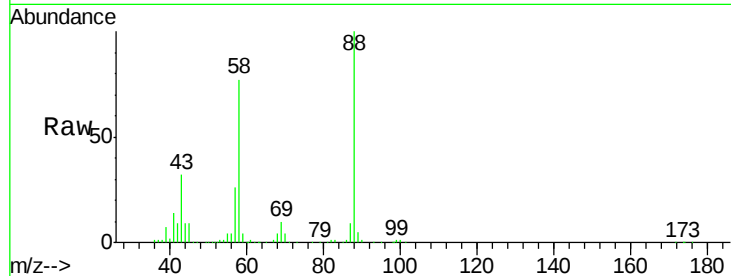




#49
 1,4-Dioxane
 Concen: 786.138 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

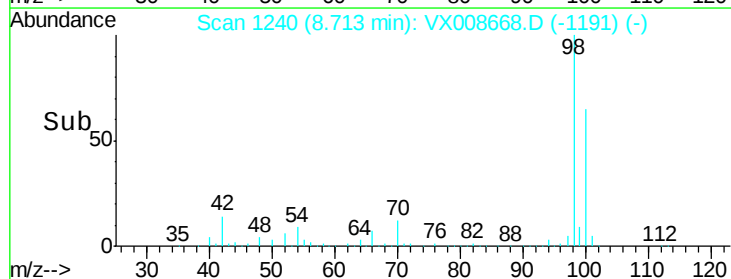
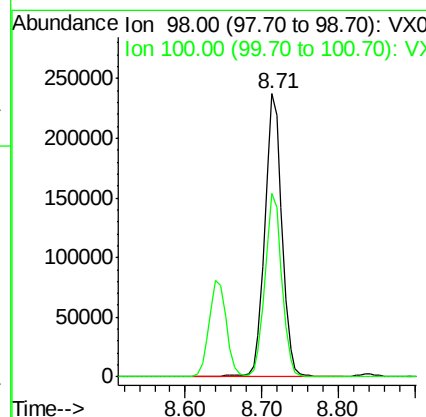
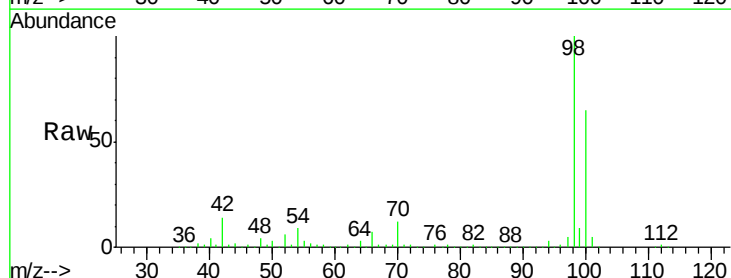
Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MS

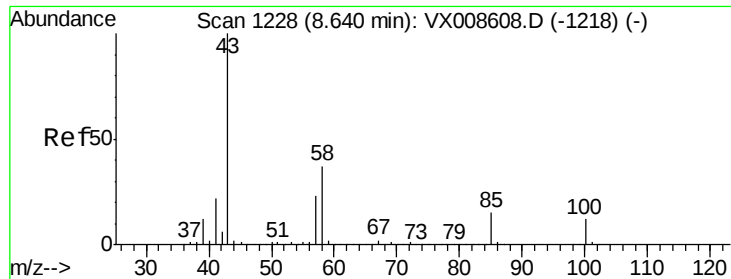
Tgt Ion: 88 Resp: 51671
 Ion Ratio Lower Upper
 88 100
 43 35.6 28.6 43.0
 58 79.3 62.2 93.2



#50
 Toluene-d8
 Concen: 48.693 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

Tgt Ion: 98 Resp: 376190
 Ion Ratio Lower Upper
 98 100
 100 63.6 51.4 77.0

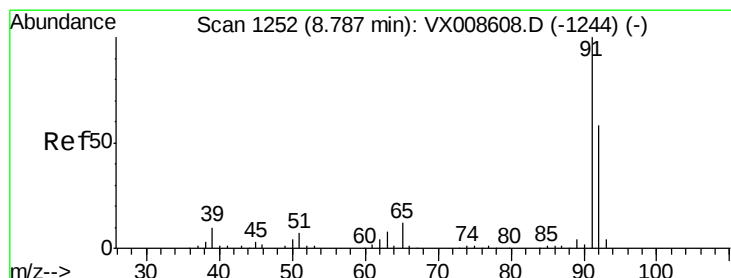
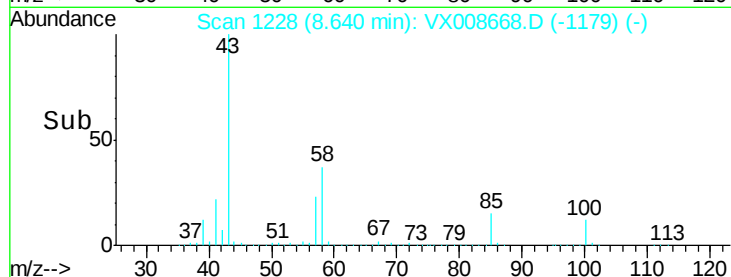
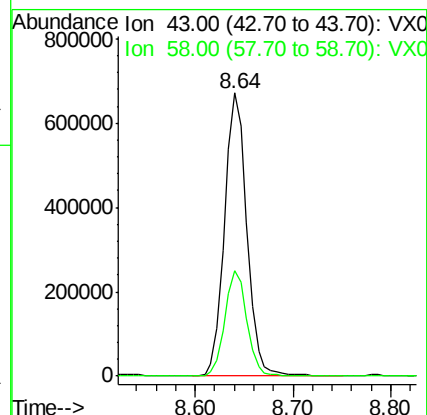
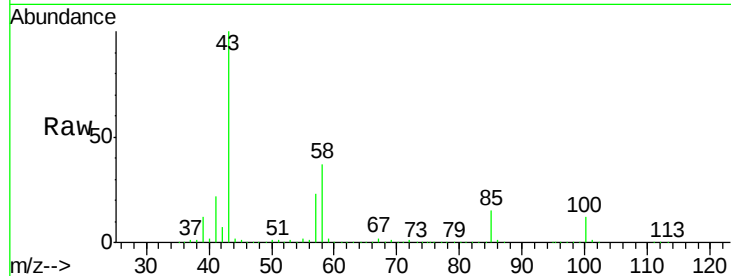




#51
 4-Methyl-2-Pentanone
 Concen: 238.230 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

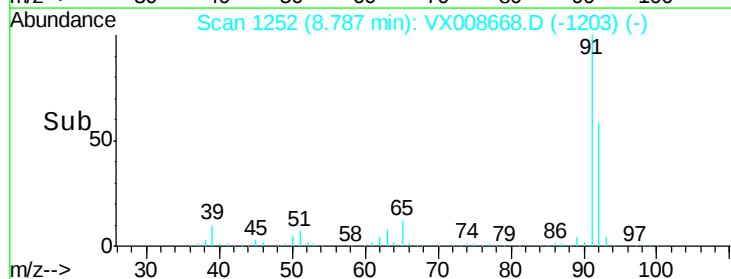
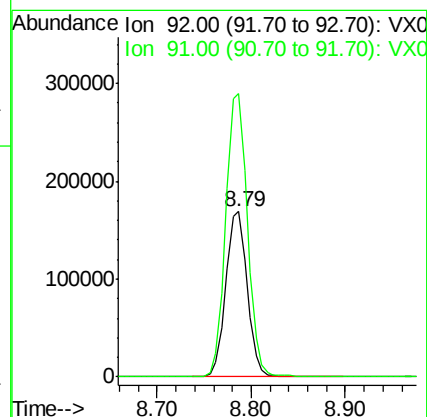
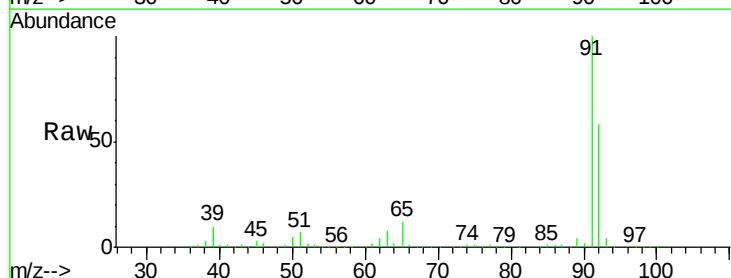
Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MS

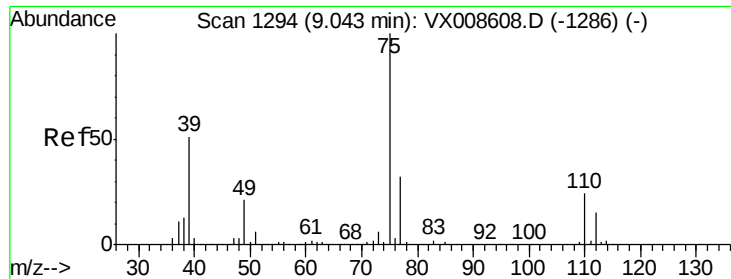
Tgt Ion: 43 Resp: 1063723
 Ion Ratio Lower Upper
 43 100
 58 36.8 29.5 44.3



#52
 Toluene
 Concen: 45.707 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

Tgt Ion: 92 Resp: 266299
 Ion Ratio Lower Upper
 92 100
 91 173.6 138.5 207.7

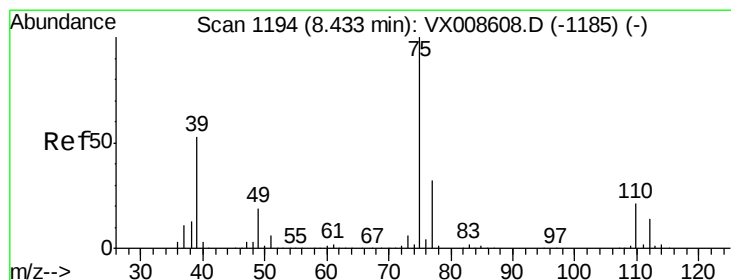
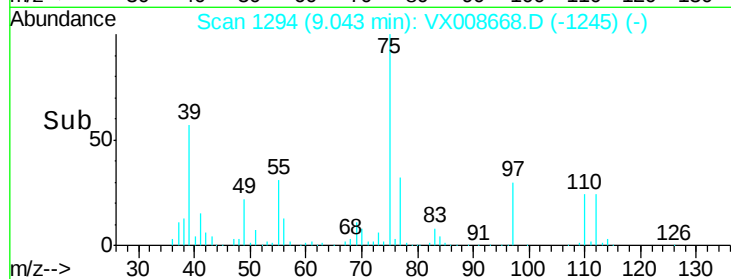
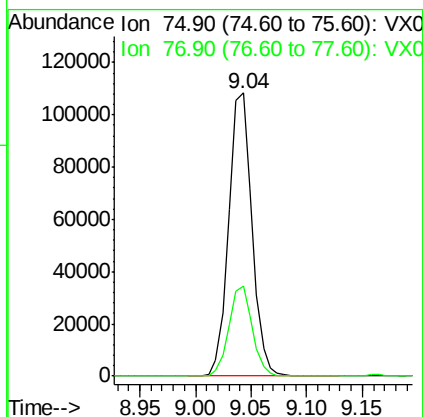
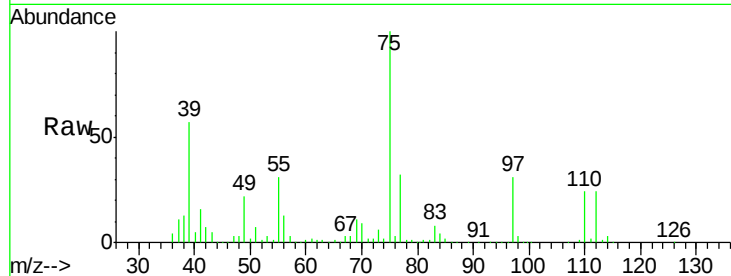




#53
 t-1,3-Dichloropropene
 Concen: 45.404 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

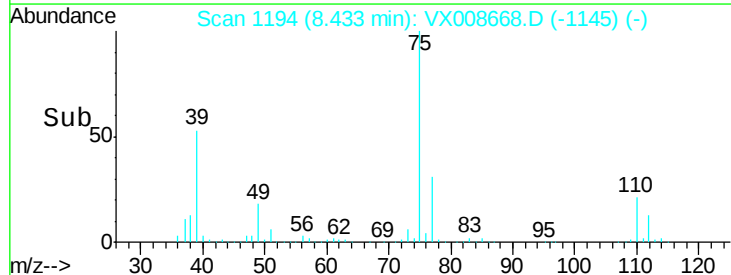
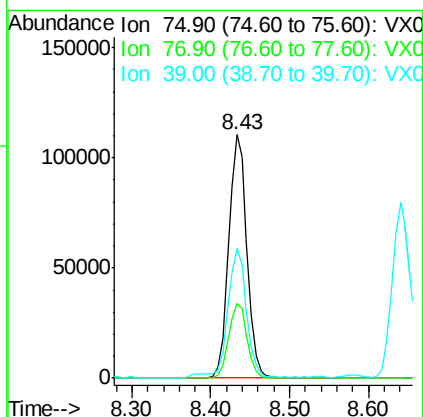
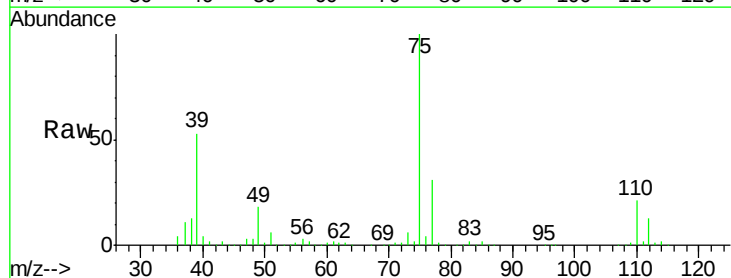
Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MS

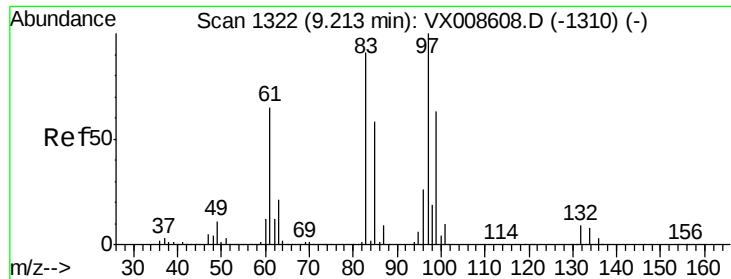
Tgt Ion: 75 Resp: 156884
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 44.396 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

Tgt Ion: 75 Resp: 175283
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.3 37.9
 39 52.9 42.6 63.8

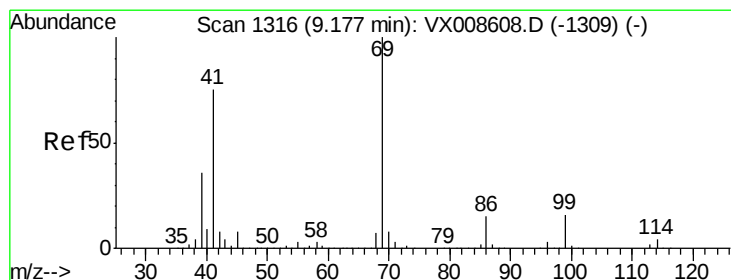
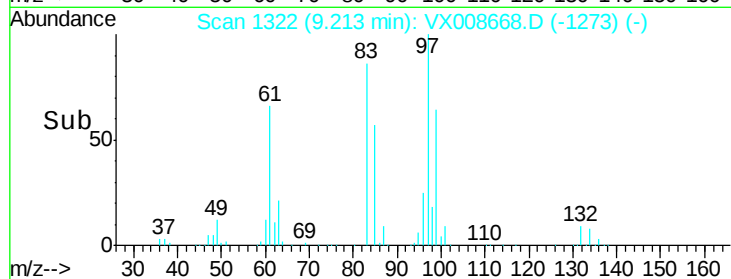
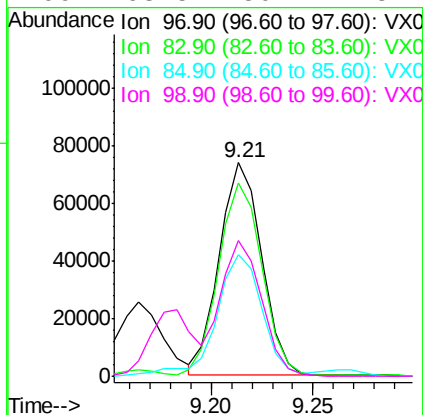
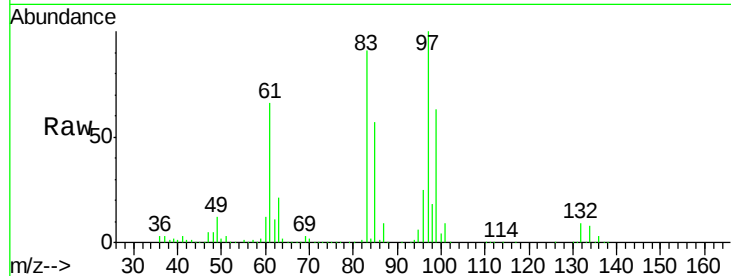




#55
 1,1,2-Trichloroethane
 Concen: 45.287 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

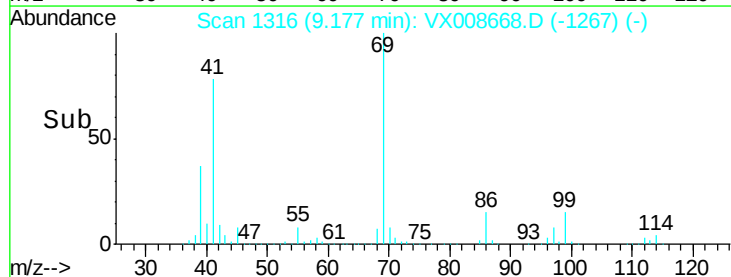
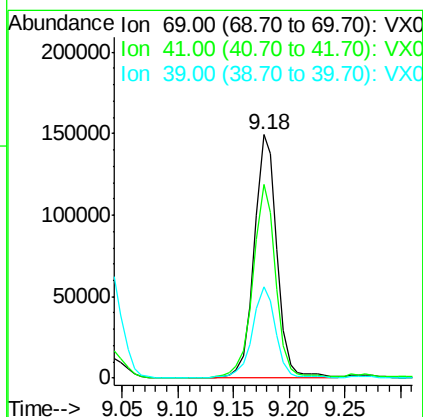
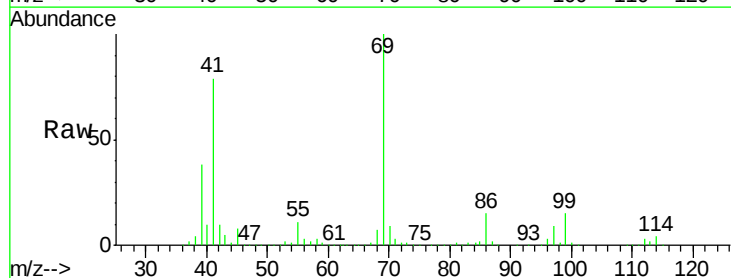
Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MS

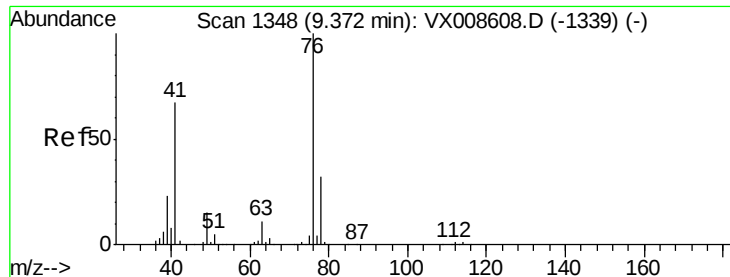
Tgt Ion:	97	Resp:	105912
Ion	Ratio	Lower	Upper
97	100		
83	90.8	73.2	109.8
85	54.0	46.6	69.8
99	63.5	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 50.484 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

Tgt Ion:	69	Resp:	213621
Ion	Ratio	Lower	Upper
69	100		
41	79.9	60.1	90.1
39	38.3	28.9	43.3





#57

1,3-Dichloropropane

Concen: 45.317 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

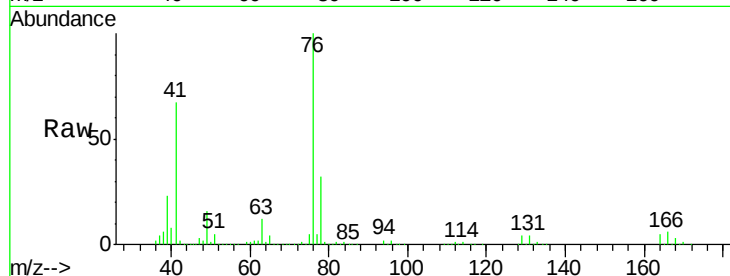
ST006RW149-190402MS

Tgt Ion: 76 Resp: 190310

Ion Ratio Lower Upper

76 100

78 32.5 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

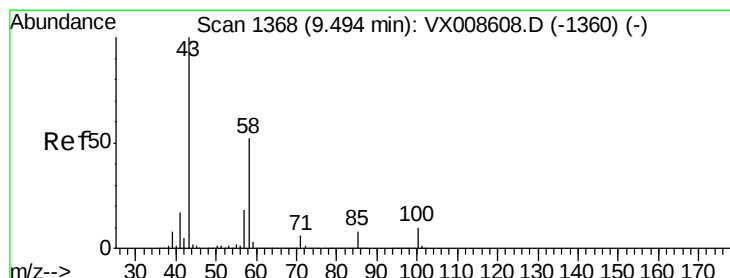
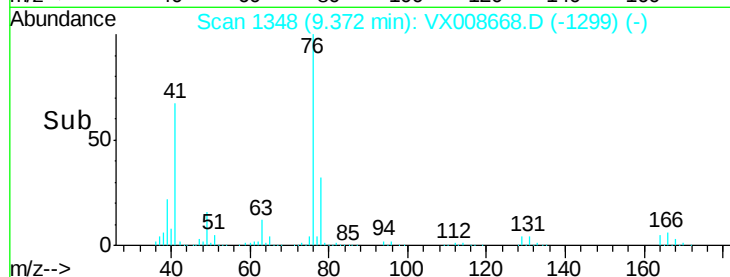
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 225.644 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VX008668.D

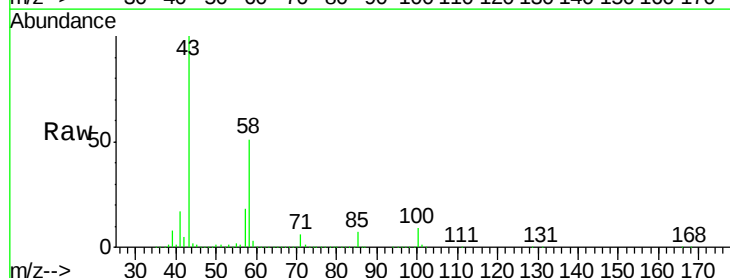
Acq: 05 Apr 2019 04:32

Tgt Ion: 43 Resp: 782995

Ion Ratio Lower Upper

43 100

58 52.8 25.9 77.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

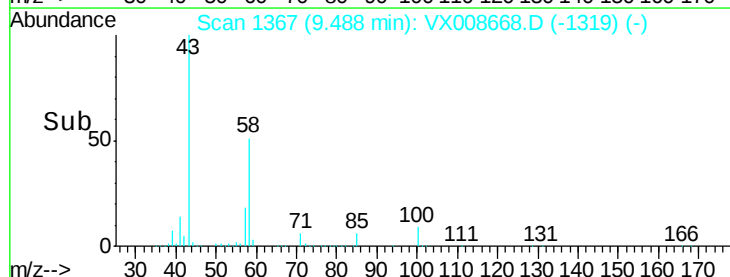
600000

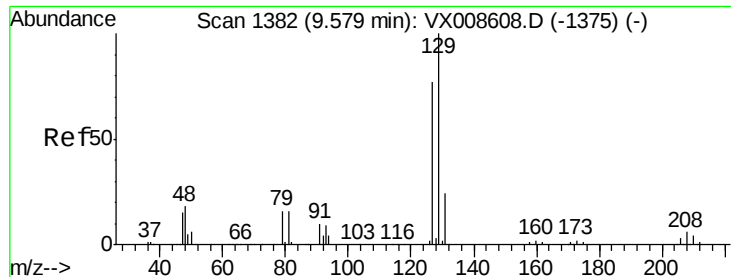
400000

200000

0

Time-->





#60

Dibromochloromethane

Concen: 47.859 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

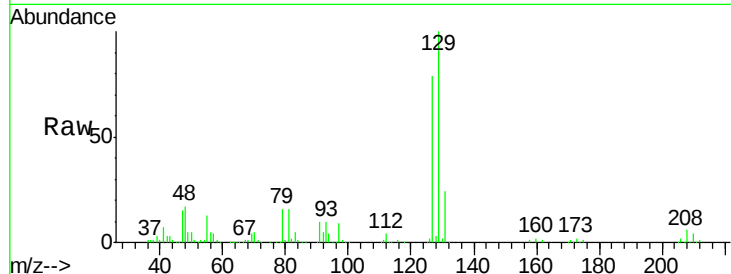
ST006RW149-190402MS

Tgt Ion:129 Resp: 105471

Ion Ratio Lower Upper

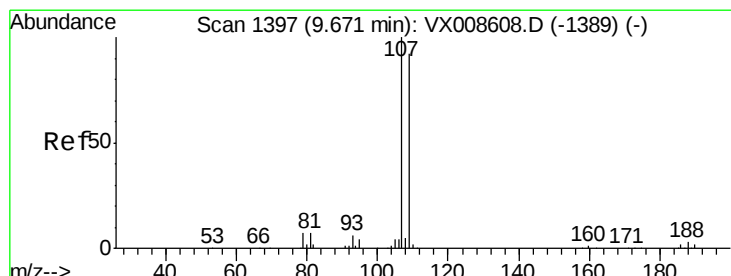
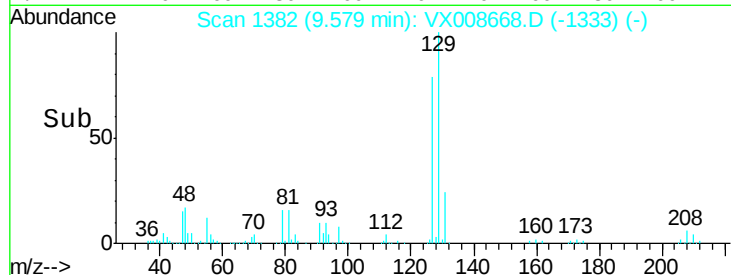
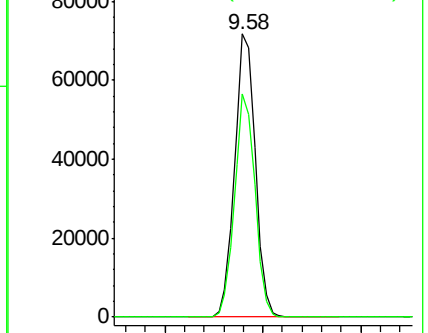
129 100

127 77.9 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 45.744 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008668.D

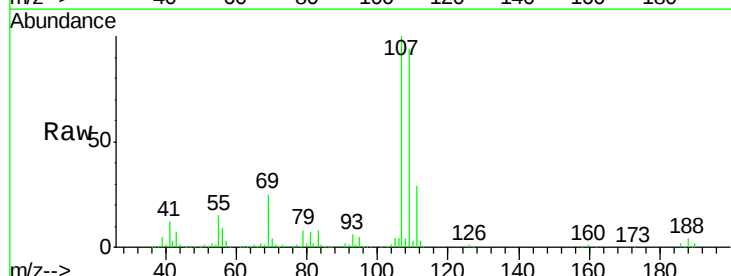
Acq: 05 Apr 2019 04:32

Tgt Ion:107 Resp: 111371

Ion Ratio Lower Upper

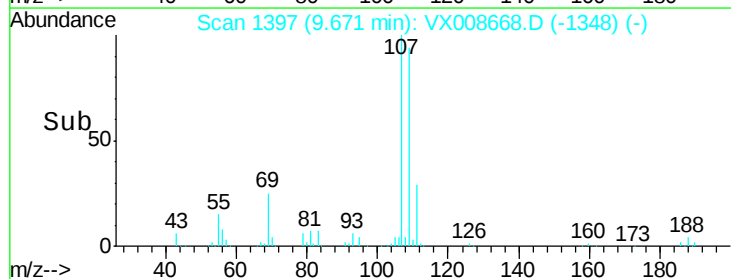
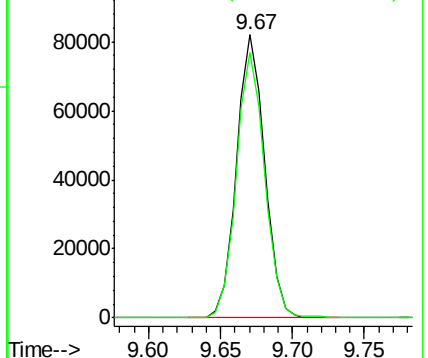
107 100

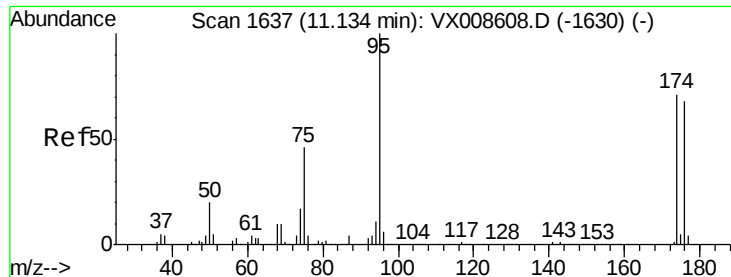
109 94.9 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 49.771 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MS

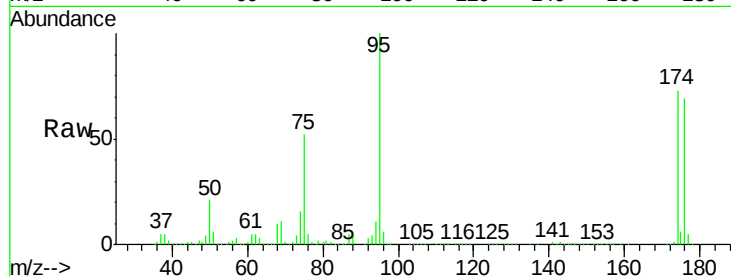
Tgt Ion: 95 Resp: 136355

Ion Ratio Lower Upper

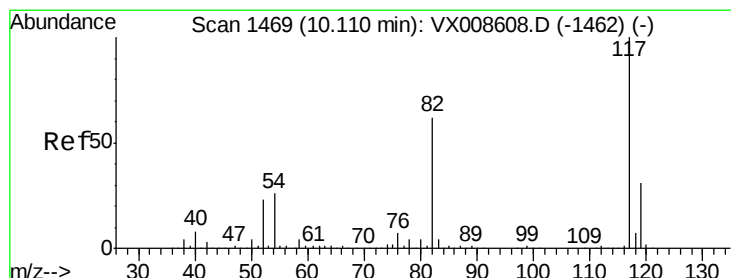
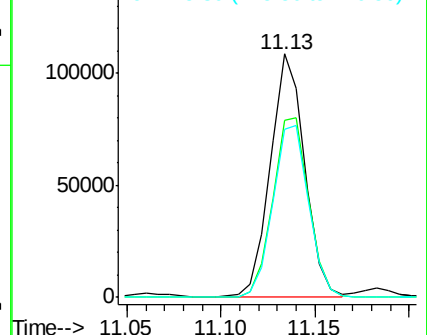
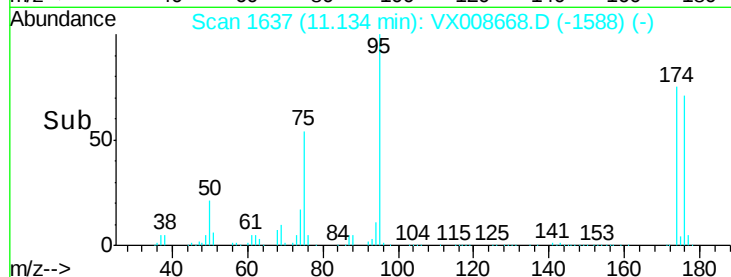
95 100

174 77.5 0.0 151.8

176 74.2 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008668.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

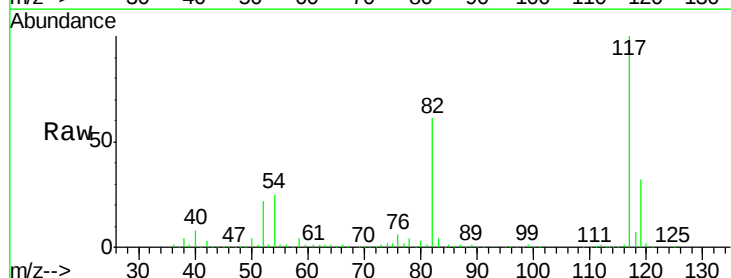
Tgt Ion: 117 Resp: 274108

Ion Ratio Lower Upper

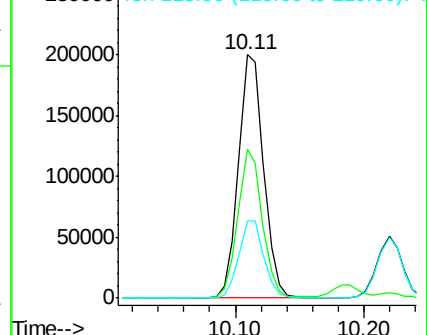
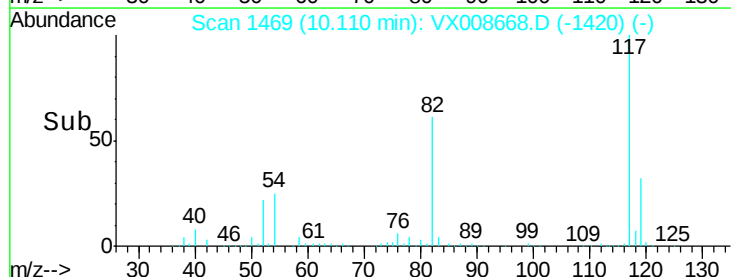
117 100

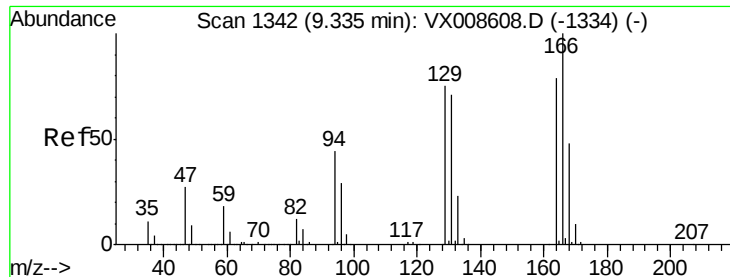
82 61.1 49.6 74.4

119 31.8 25.0 37.4



Abundance Ion 116.90 (116.60 to 117.60): VX008668.D (-1420) (-)

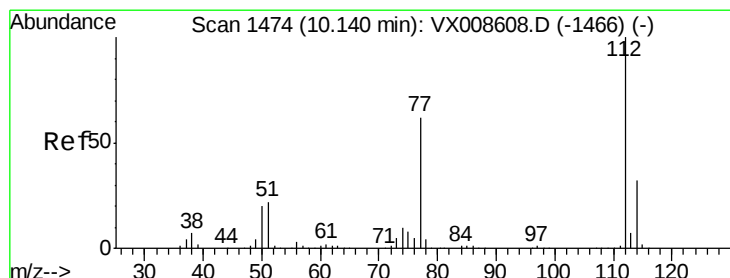
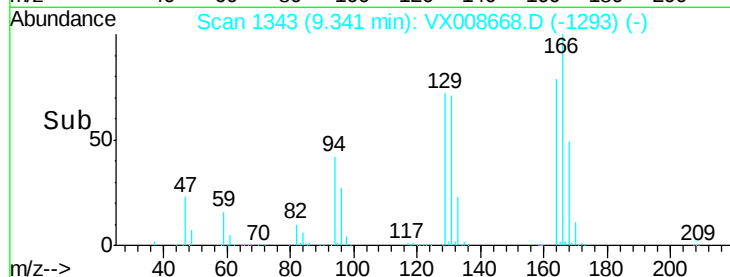
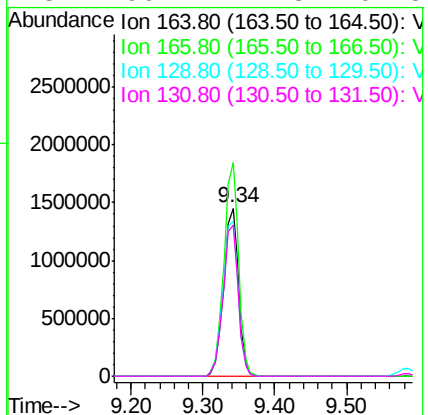
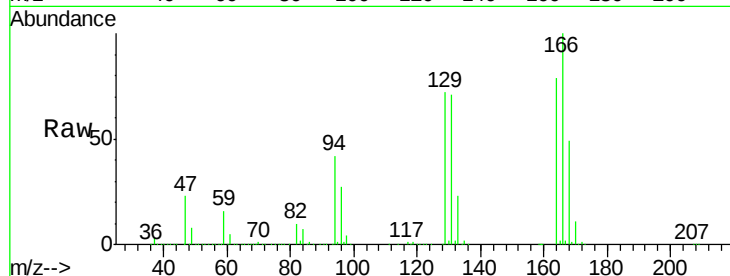




#64
Tetrachloroethene
Concen: 1025.379 ug/l
RT: 9.34 min Scan# 1343
Delta R.T. 0.01 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

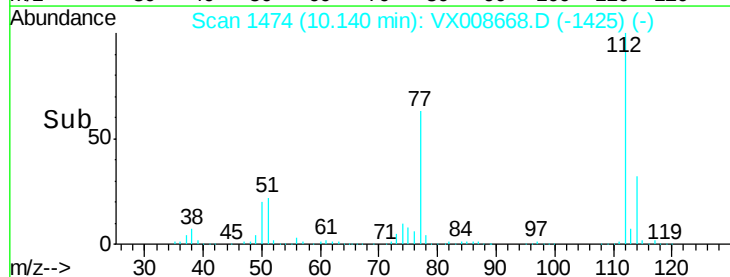
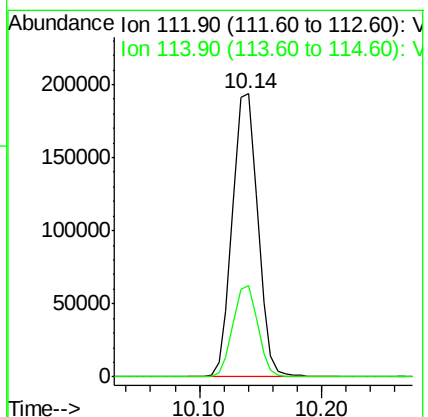
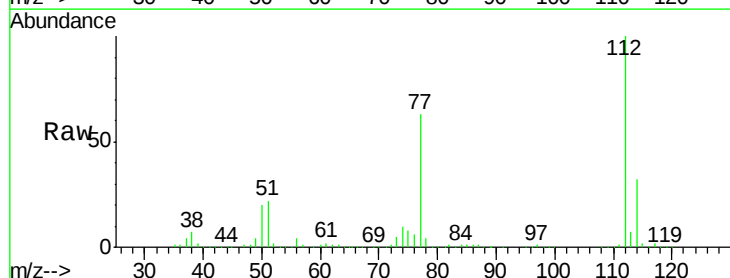
Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MS

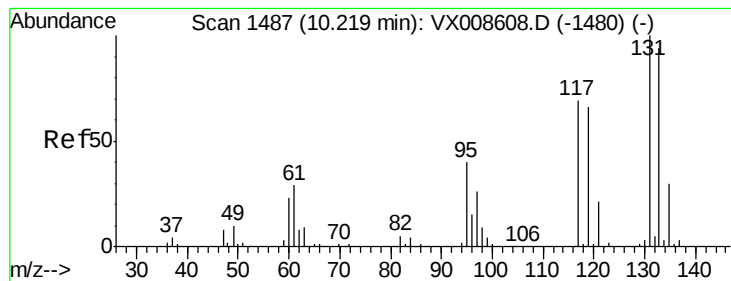
Tgt Ion:164 Resp: 2082394
Ion Ratio Lower Upper
164 100
166 127.4 101.0 151.6
129 92.1 75.8 113.8
131 90.1 71.8 107.8



#65
Chlorobenzene
Concen: 45.740 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Tgt Ion:112 Resp: 277920
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8





#66

1,1,1,2-Tetrachloroethane

Concen: 45.704 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MS

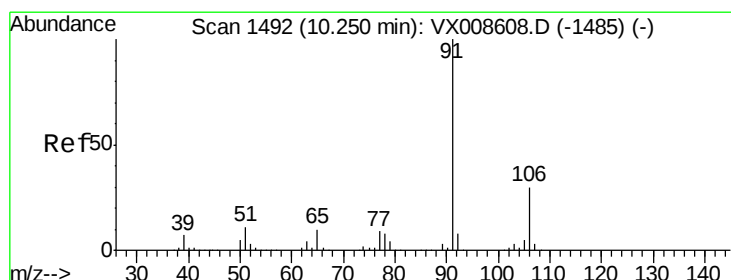
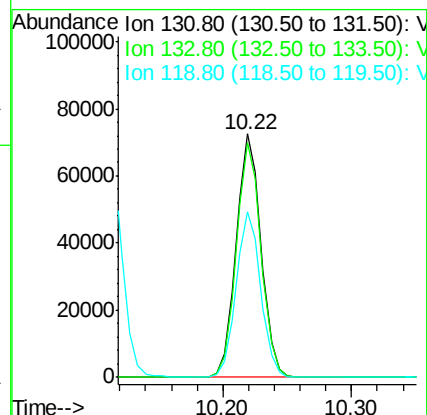
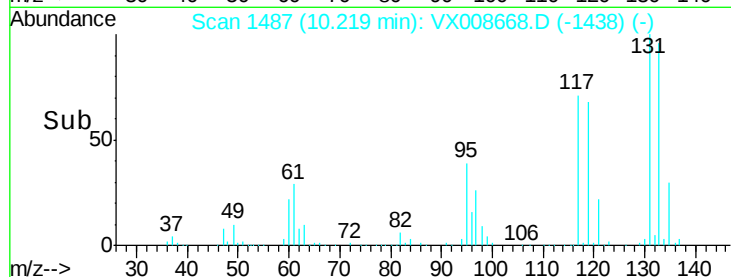
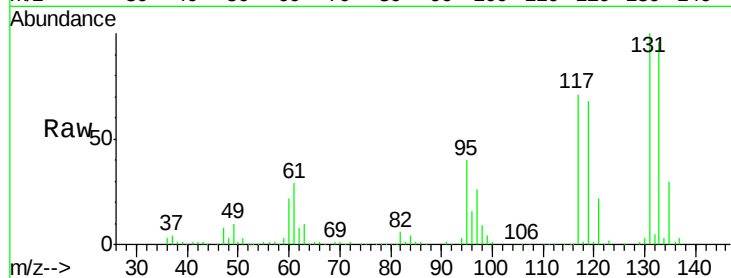
Tgt Ion:131 Resp: 97424

Ion Ratio Lower Upper

131 100

133 95.7 47.0 141.2

119 67.4 33.7 101.0



#67

Ethyl Benzene

Concen: 45.410 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008668.D

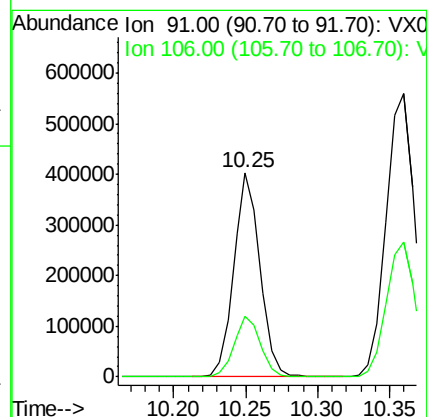
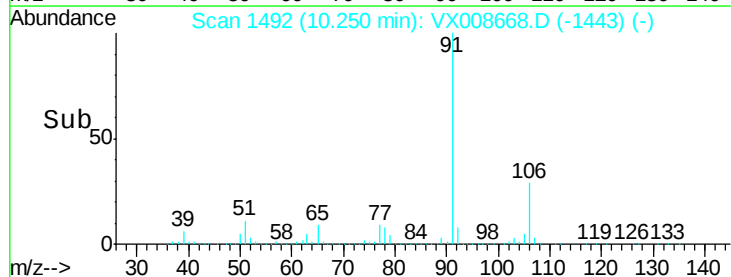
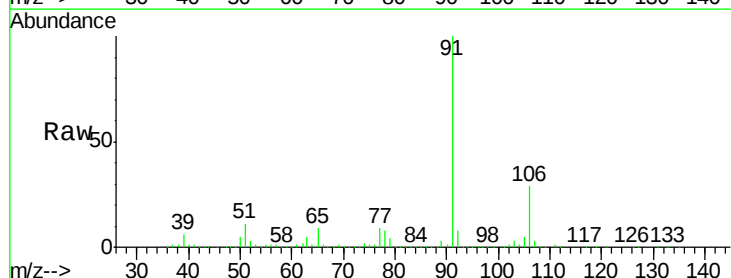
Acq: 05 Apr 2019 04:32

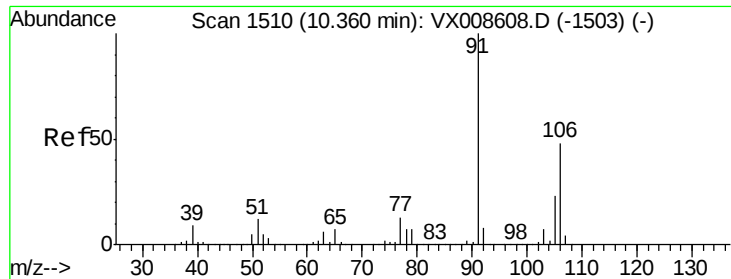
Tgt Ion: 91 Resp: 514496

Ion Ratio Lower Upper

91 100

106 29.5 23.7 35.5

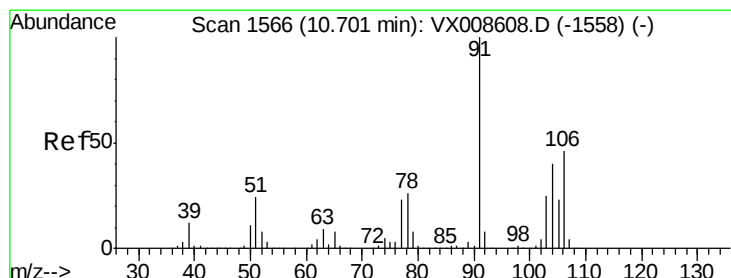
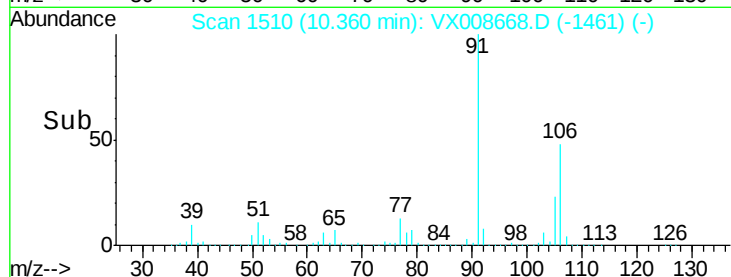
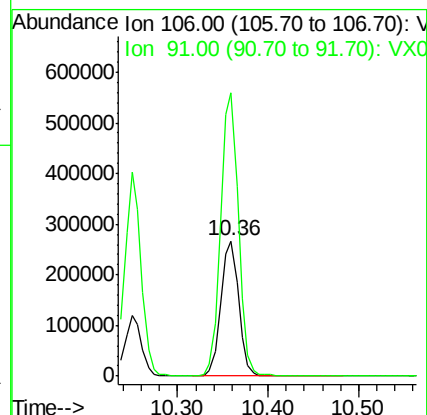
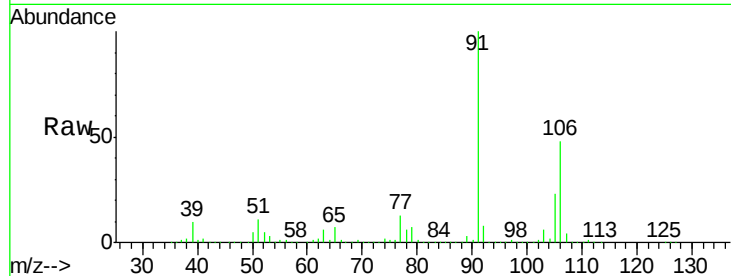




#68
m/p-Xylenes
Concen: 90.504 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

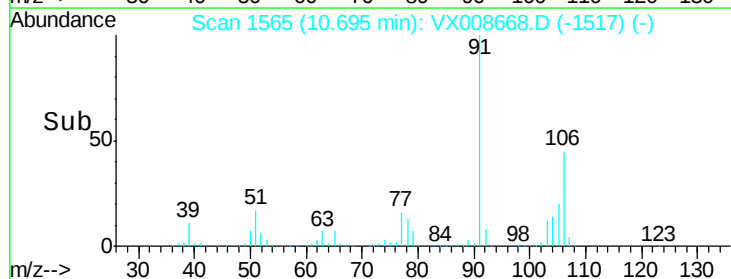
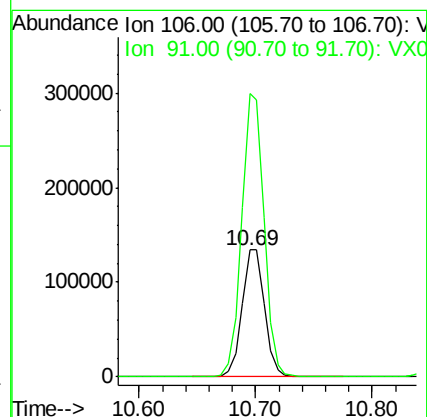
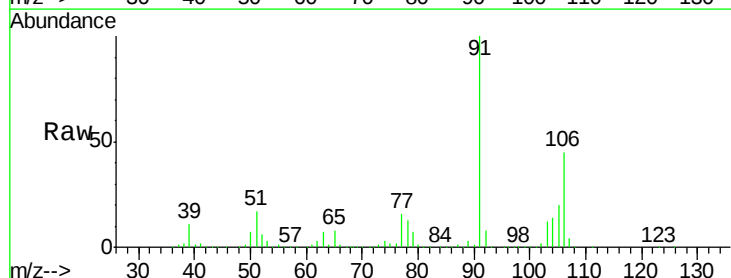
Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MS

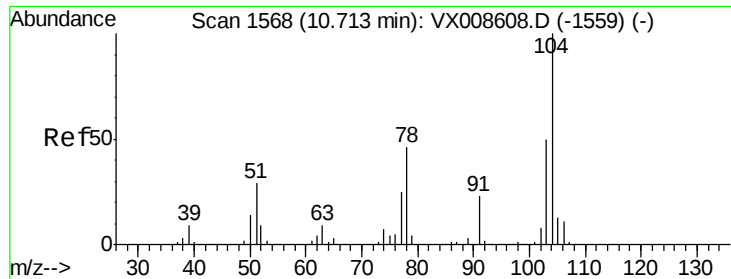
Tgt Ion:106 Resp: 368688
Ion Ratio Lower Upper
106 100
91 209.4 168.5 252.7



#69
o-Xylene
Concen: 45.657 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Tgt Ion:106 Resp: 180250
Ion Ratio Lower Upper
106 100
91 221.8 111.5 334.4

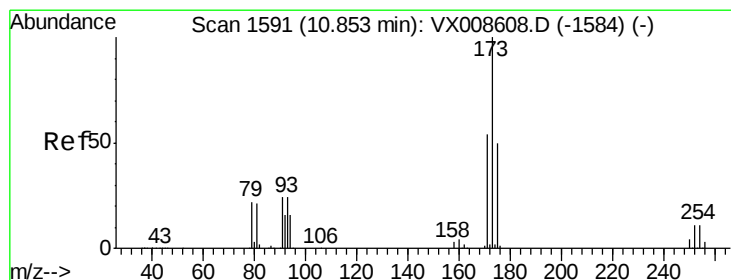
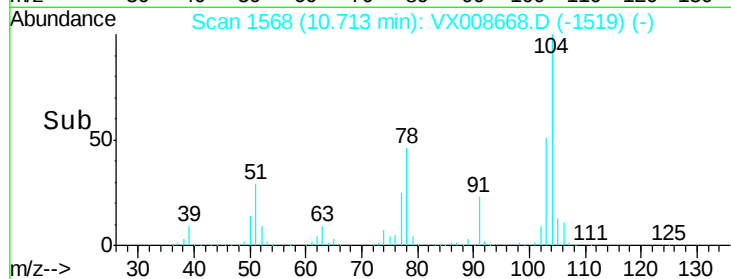
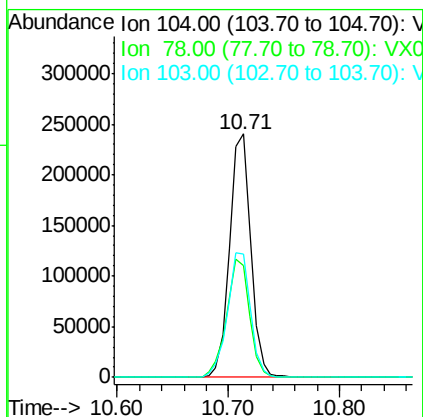
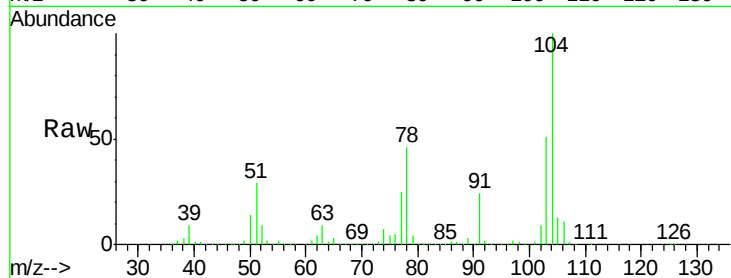




#70
Styrene
Concen: 46.654 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

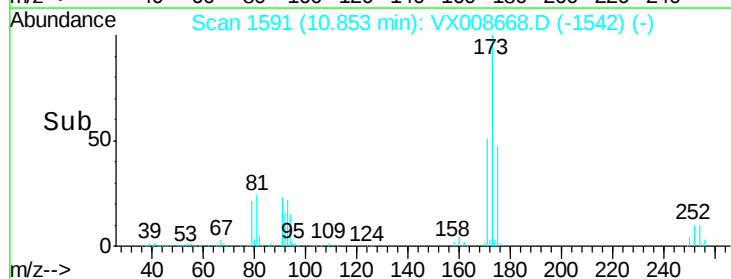
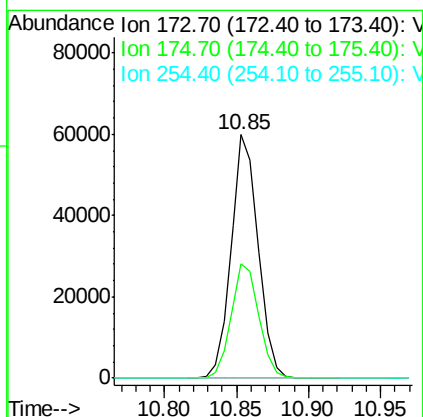
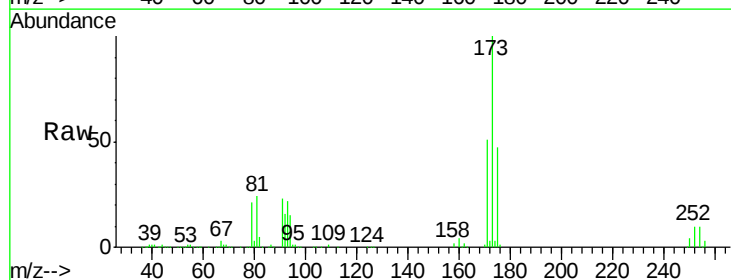
Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MS

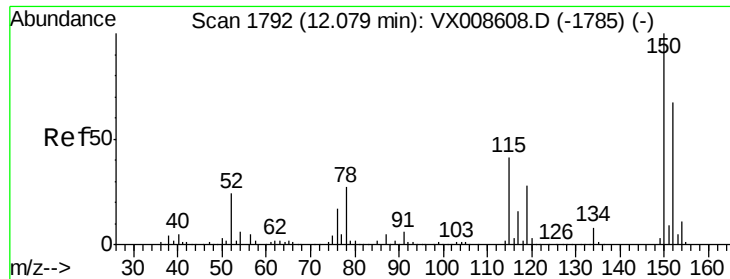
Tgt Ion:104 Resp: 317494
Ion Ratio Lower Upper
104 100
78 52.1 42.3 63.5
103 55.6 44.4 66.6



#71
Bromoform
Concen: 48.194 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Tgt Ion:173 Resp: 78461
Ion Ratio Lower Upper
173 100
175 48.4 24.9 74.6
254 0.2 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MS

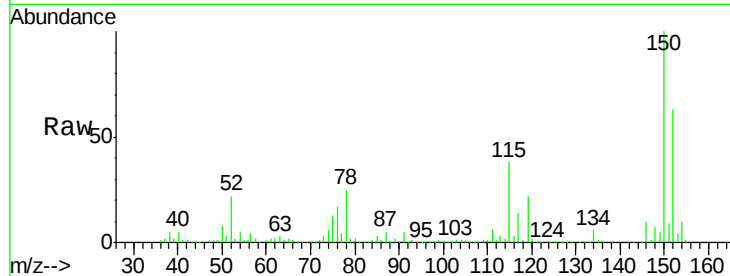
Tgt Ion:152 Resp: 128528

Ion Ratio Lower Upper

152 100

115 84.1 43.5 130.5

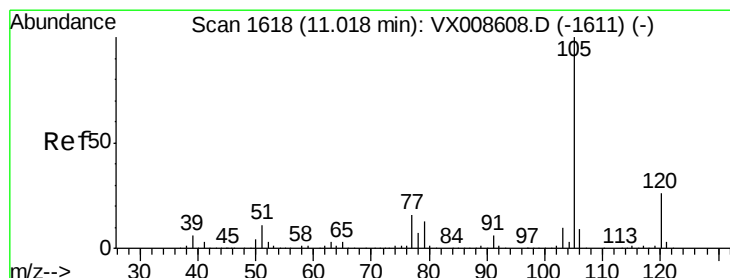
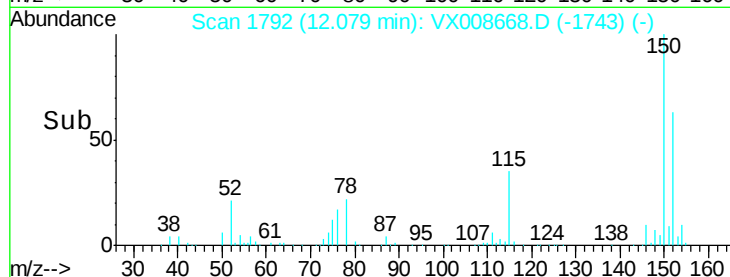
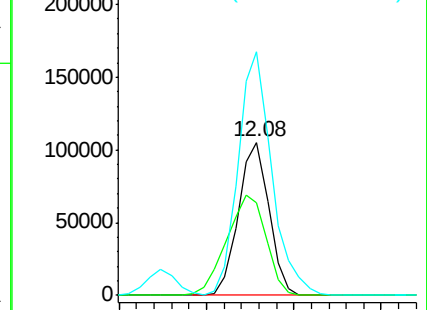
150 173.6 0.0 348.8



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: 44.749 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008668.D

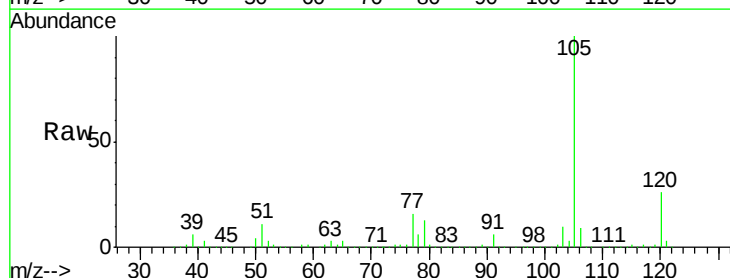
Acq: 05 Apr 2019 04:32

Tgt Ion:105 Resp: 476640

Ion Ratio Lower Upper

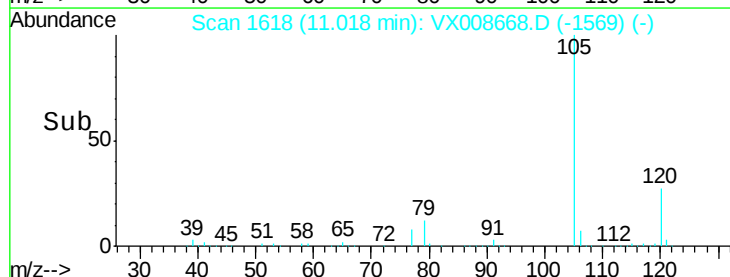
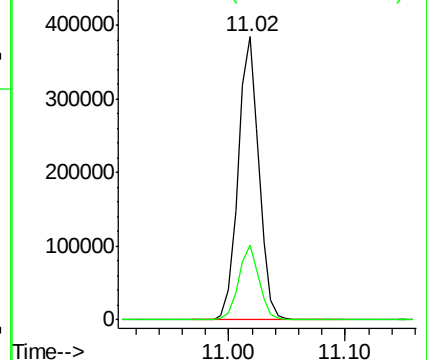
105 100

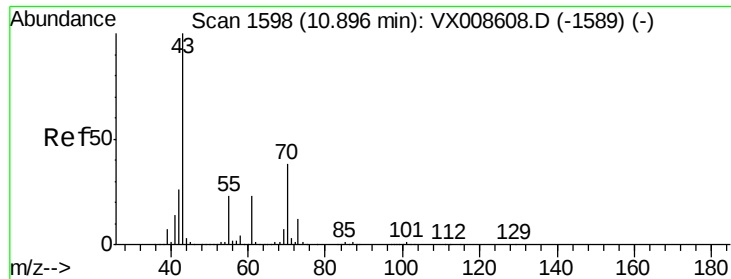
120 25.8 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 43.366 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MS

Tgt Ion: 43 Resp: 271760

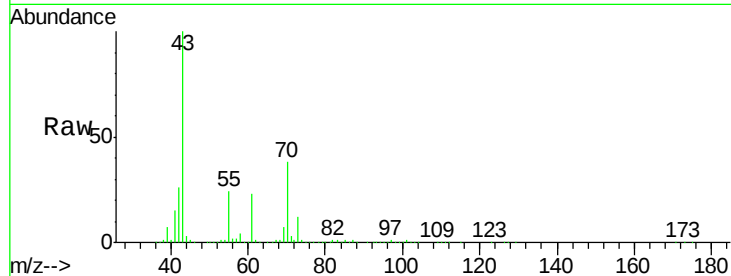
Ion Ratio Lower Upper

43 100

70 37.8 30.2 45.4

55 27.9 18.2 27.4#

61 22.9 18.6 28.0

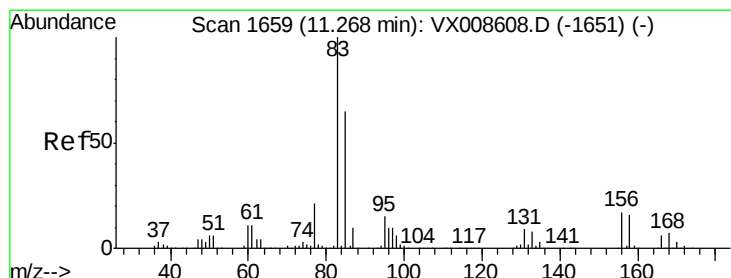
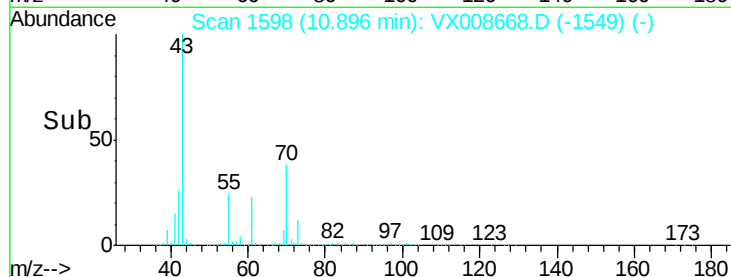
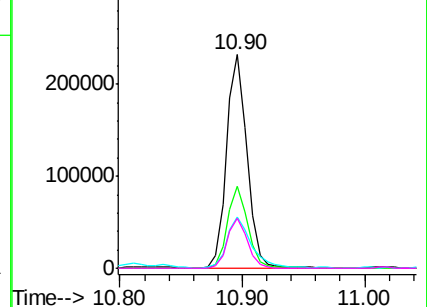


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 45.297 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

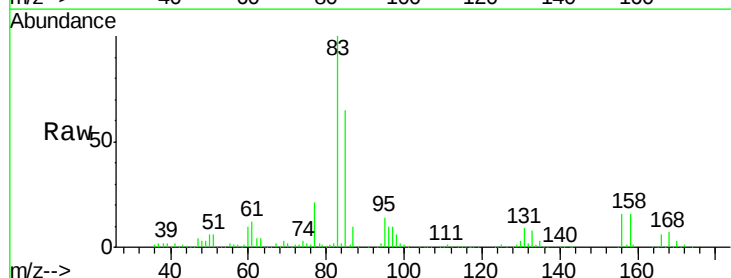
Tgt Ion: 83 Resp: 183496

Ion Ratio Lower Upper

83 100

131 9.1 4.5 13.7

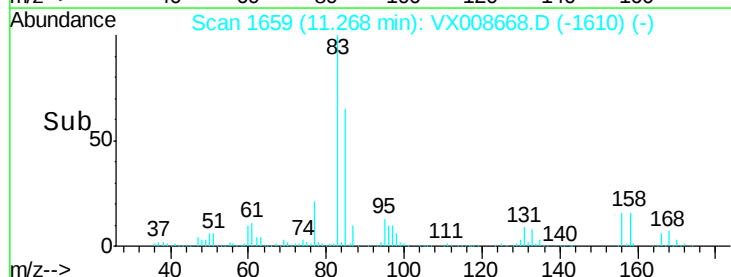
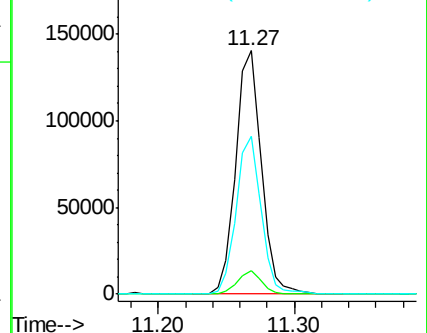
85 63.6 32.0 96.2

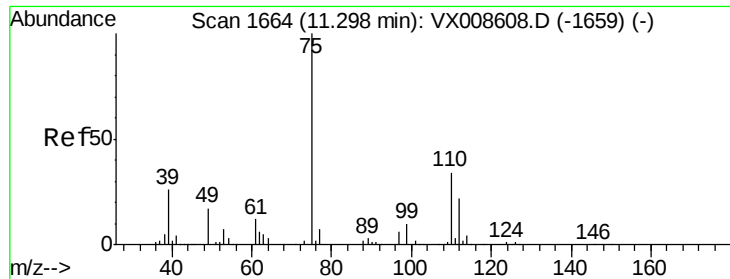


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

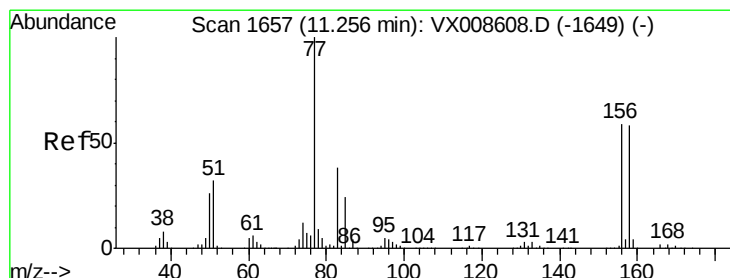
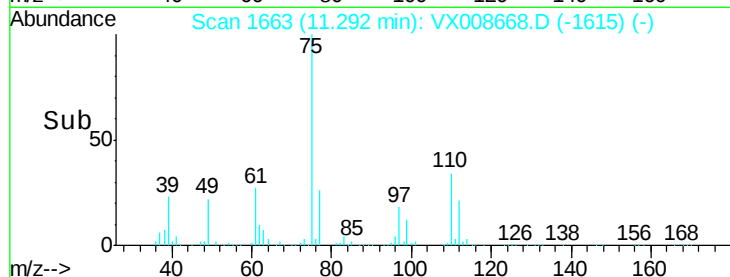
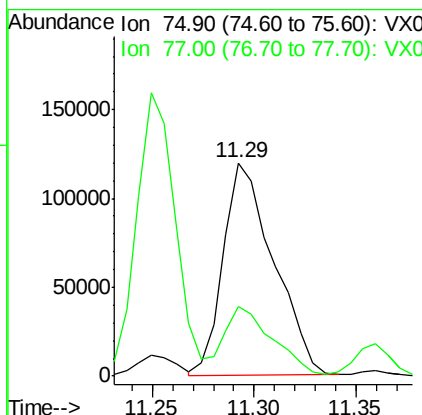
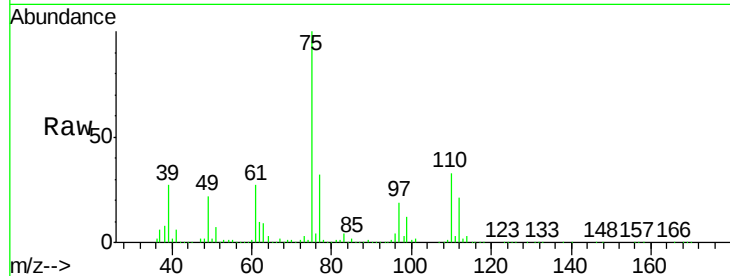




#76
1,2,3-Trichloropropane
Concen: 57.851 ug/l
RT: 11.29 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

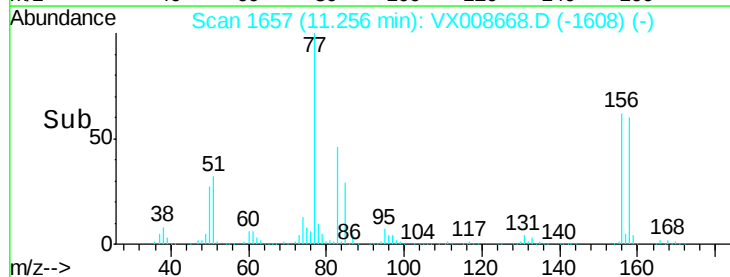
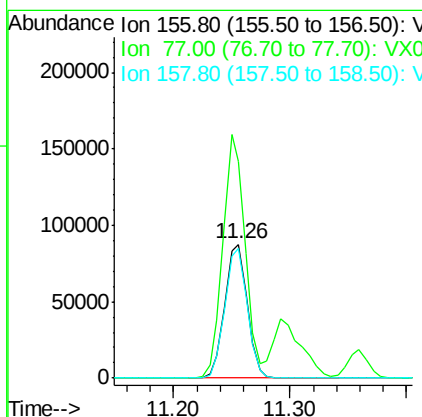
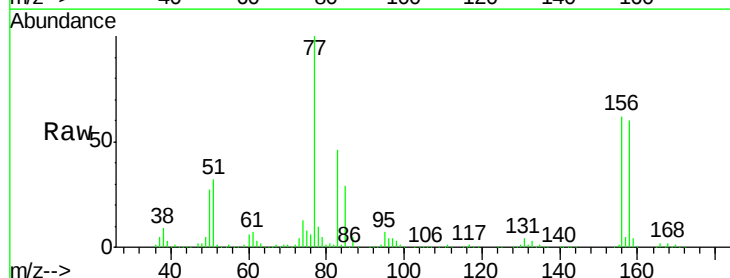
Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MS

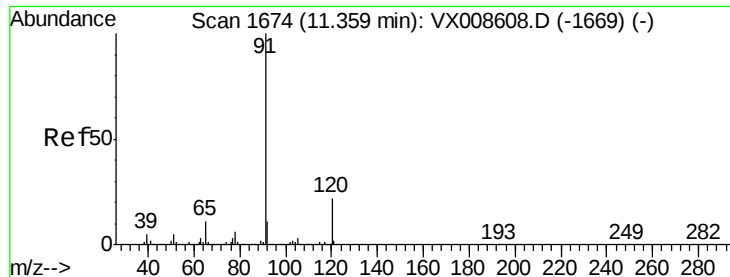
Tgt Ion: 75 Resp: 204261
Ion Ratio Lower Upper
75 100
77 32.0 22.3 66.8



#77
Bromobenzene
Concen: 45.681 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Tgt Ion: 156 Resp: 116972
Ion Ratio Lower Upper
156 100
77 177.8 89.8 269.6
158 96.9 48.6 145.9





#78

n-propylbenzene

Concen: 44.622 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

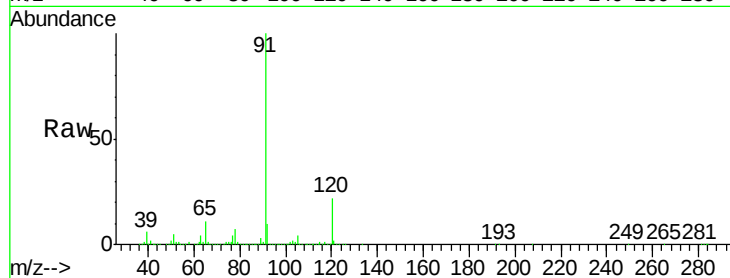
ST006RW149-190402MS

Tgt Ion: 91 Resp: 553421

Ion Ratio Lower Upper

91 100

120 22.0 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

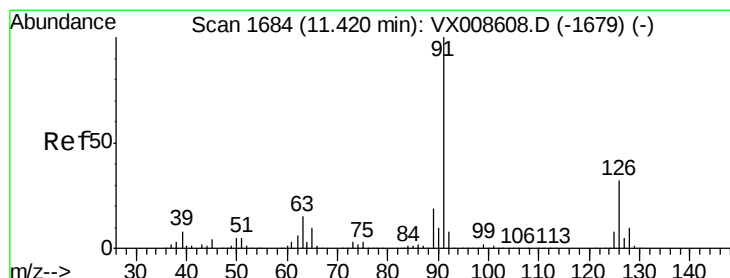
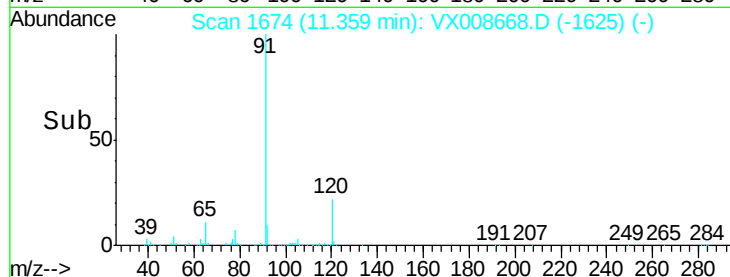
200000

100000

0

Time--> 11.30 11.35 11.40

11.36



#79

2-Chlorotoluene

Concen: 44.254 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008668.D

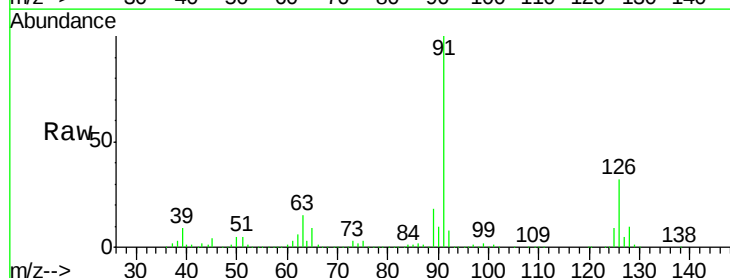
Acq: 05 Apr 2019 04:32

Tgt Ion: 91 Resp: 332142

Ion Ratio Lower Upper

91 100

126 32.0 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

500000

400000

300000

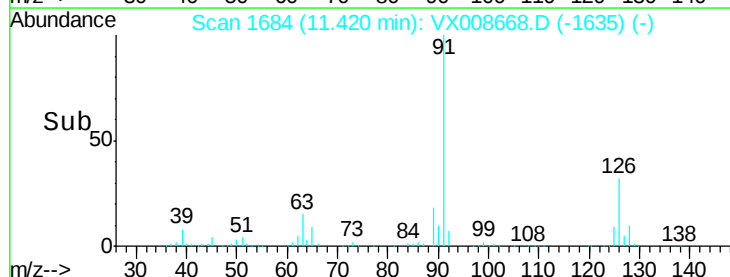
200000

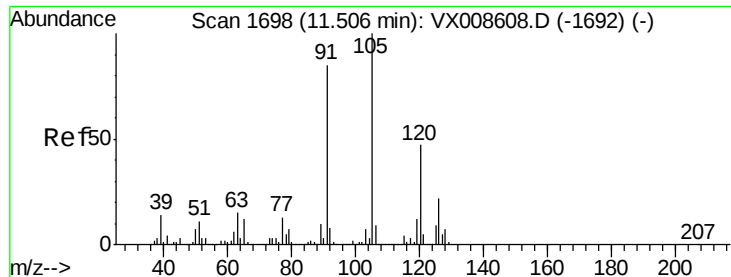
100000

0

Time--> 11.40 11.45

11.42

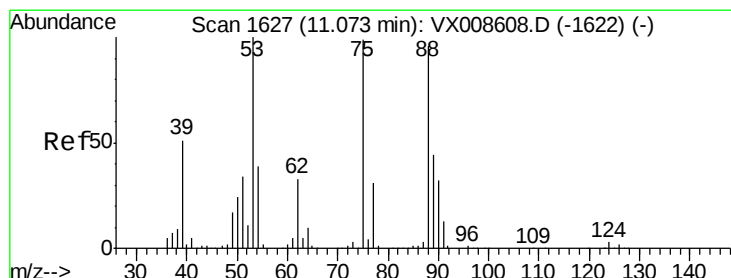
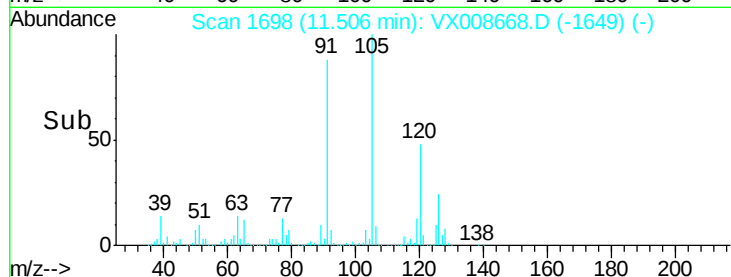
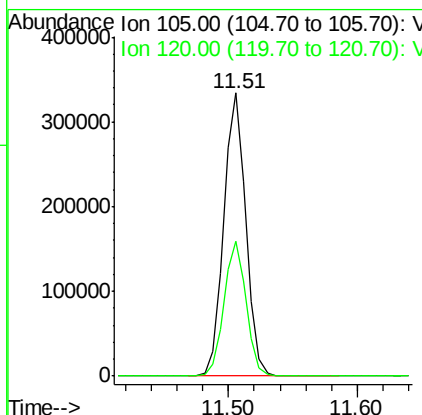
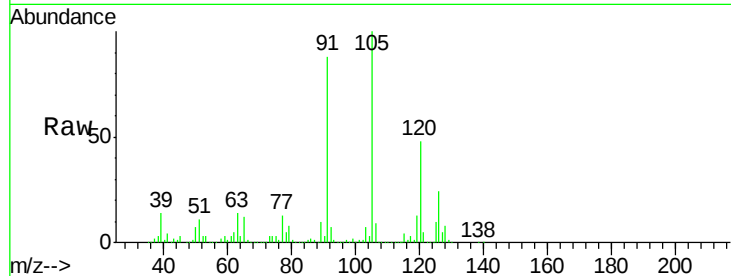




#80
 1,3,5-Trimethylbenzene
 Concen: 45.021 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

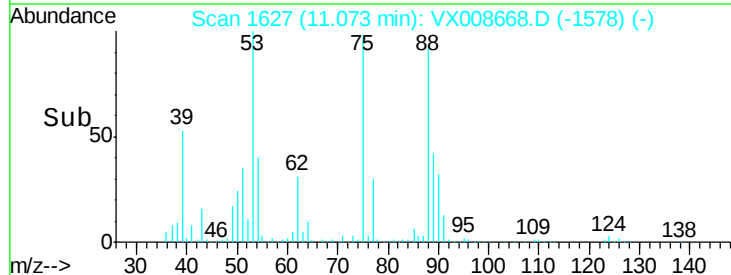
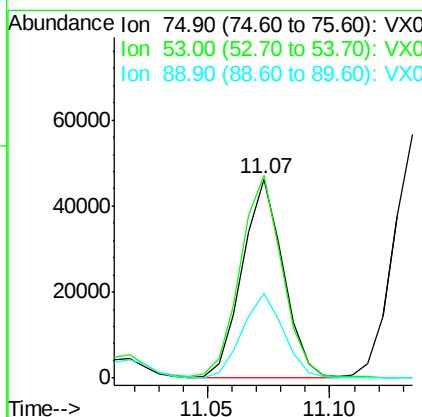
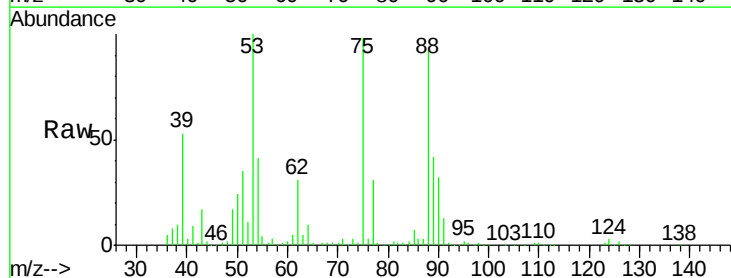
Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MS

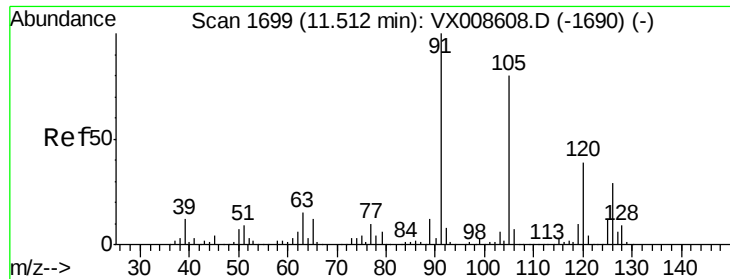
Tgt Ion: 105 Resp: 402532
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.5 70.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.886 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

Tgt Ion: 75 Resp: 53651
 Ion Ratio Lower Upper
 75 100
 53 104.5 81.3 121.9
 89 43.0 35.6 53.4

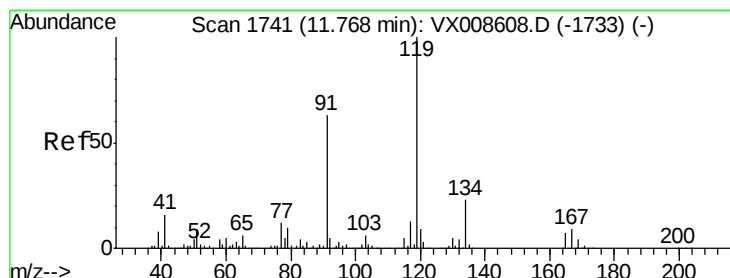
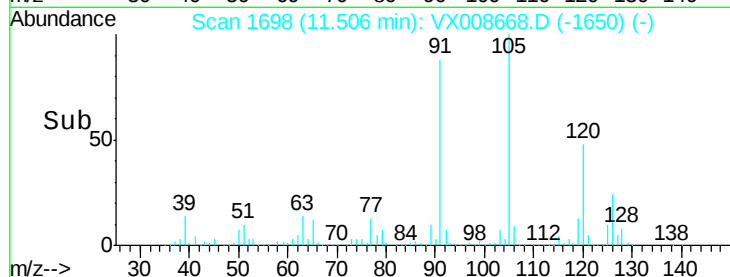
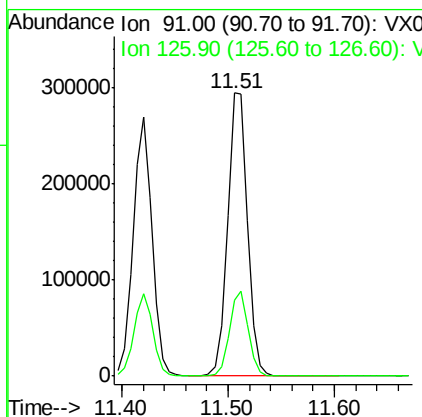
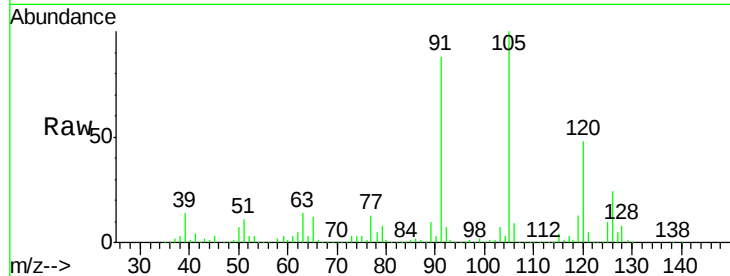




#82
4-Chlorotoluene
Concen: 44.302 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

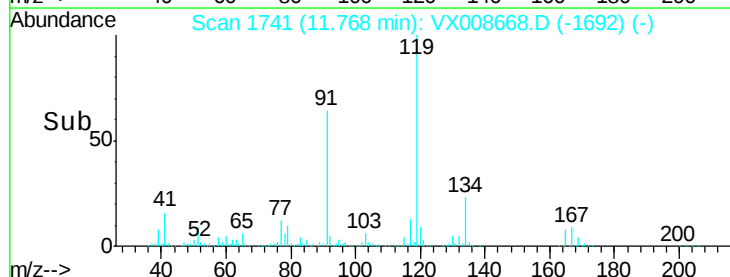
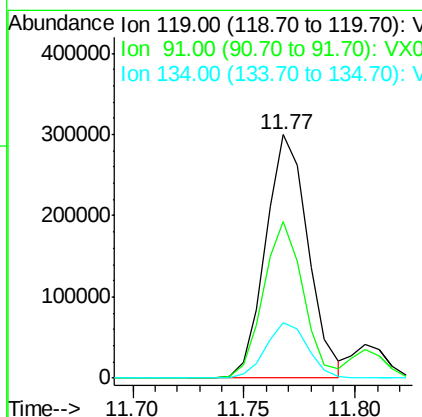
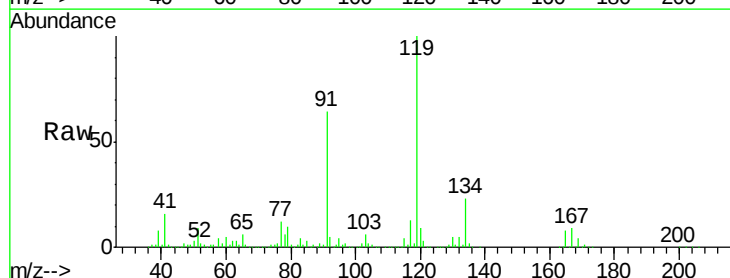
Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MS

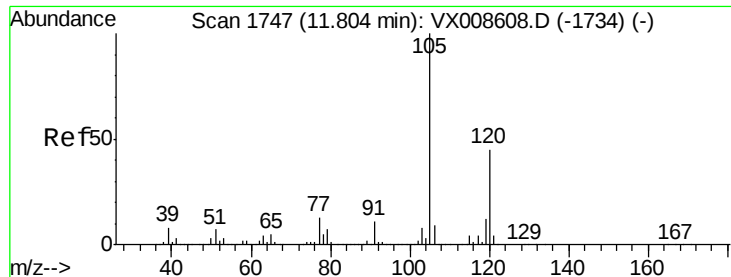
Tgt Ion: 91 Resp: 384879
Ion Ratio Lower Upper
91 100
126 28.3 13.9 41.6



#83
tert-Butylbenzene
Concen: 46.163 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Tgt Ion: 119 Resp: 397095
Ion Ratio Lower Upper
119 100
91 60.4 30.0 90.1
134 22.4 11.1 33.3

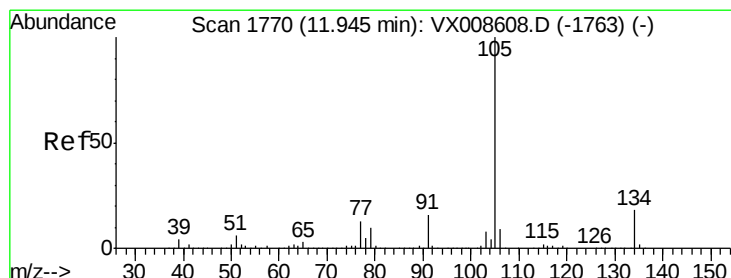
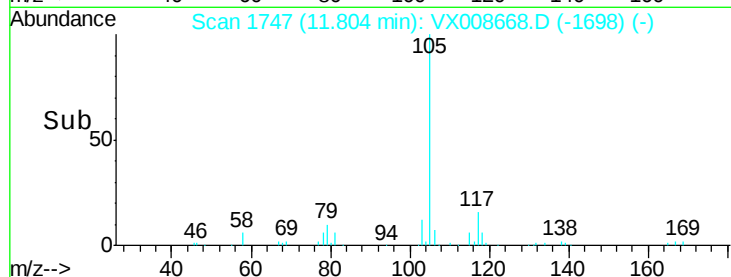
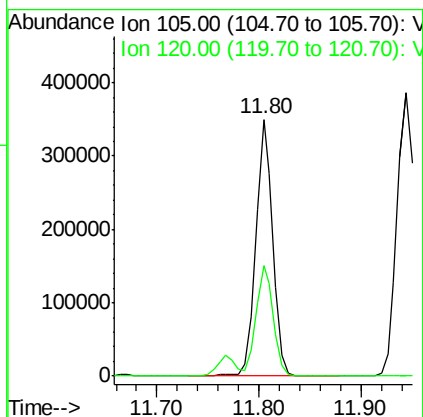
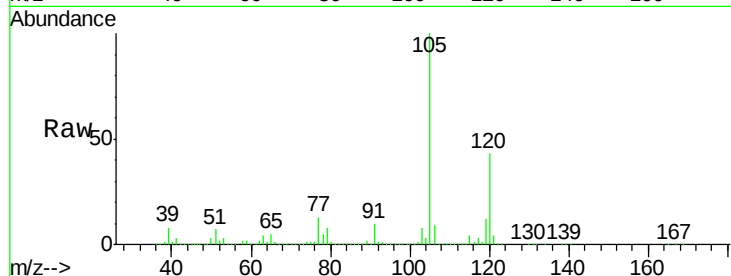




#84
 1,2,4-Trimethylbenzene
 Concen: 45.155 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

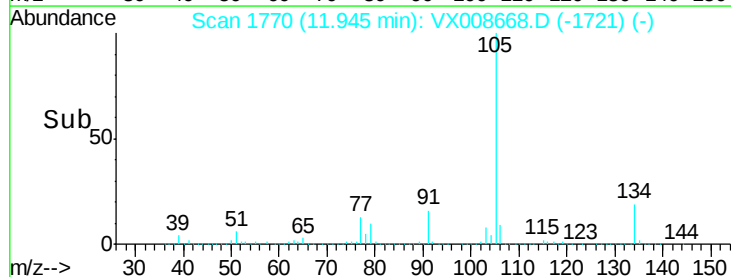
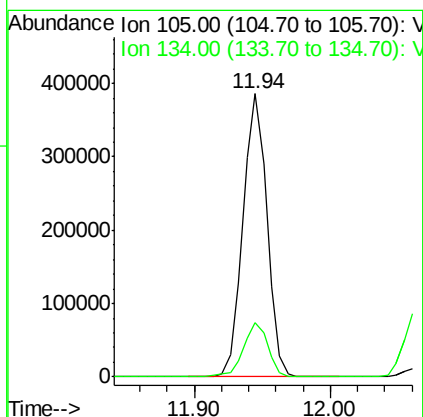
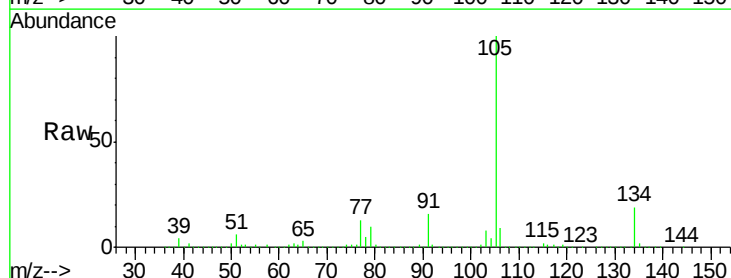
Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MS

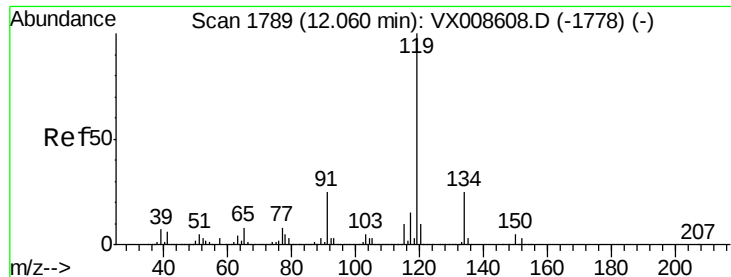
Tgt Ion:105 Resp: 408808
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 46.447 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

Tgt Ion:105 Resp: 474572
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.4 28.2





#86

p-Isopropyltoluene

Concen: 45.092 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MS

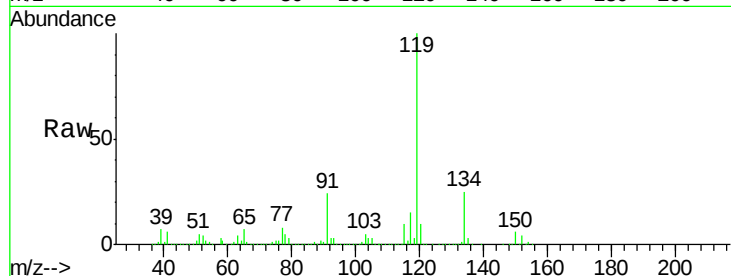
Tgt Ion:119 Resp: 413530

Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.4

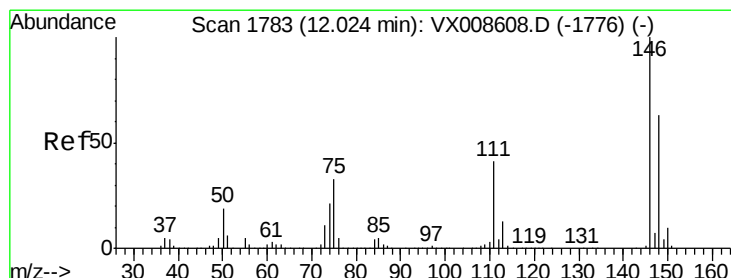
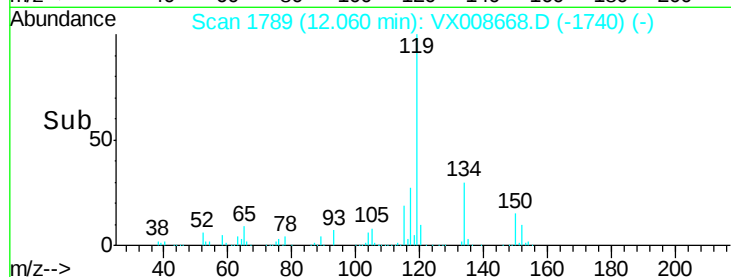
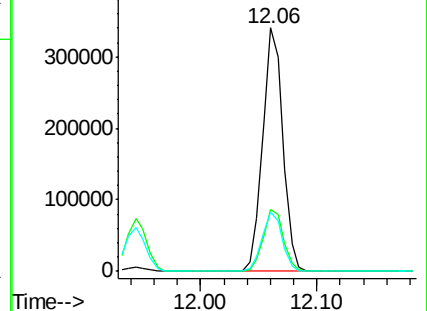
91 24.2 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 44.674 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

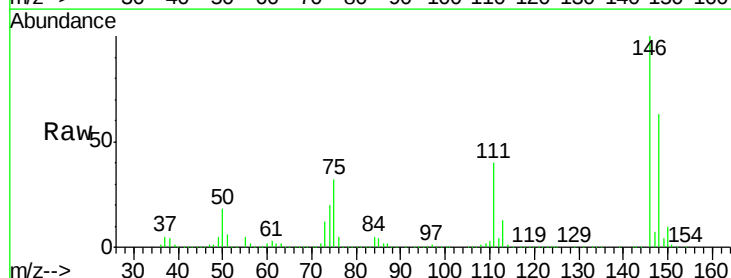
Tgt Ion:146 Resp: 204790

Ion Ratio Lower Upper

146 100

111 40.3 20.5 61.5

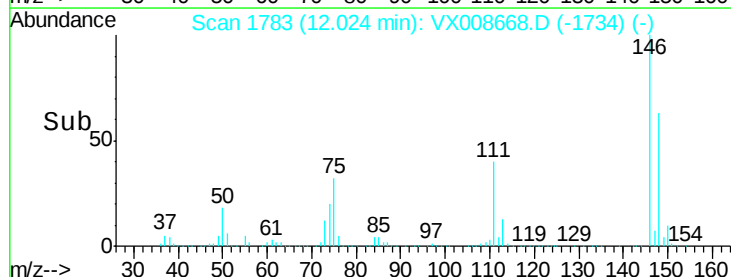
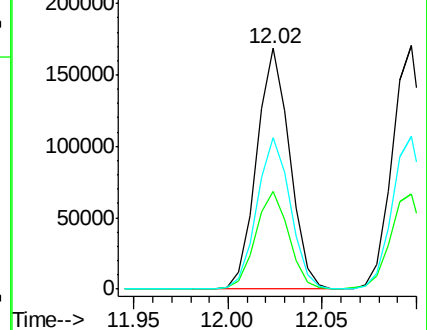
148 63.6 31.6 94.7

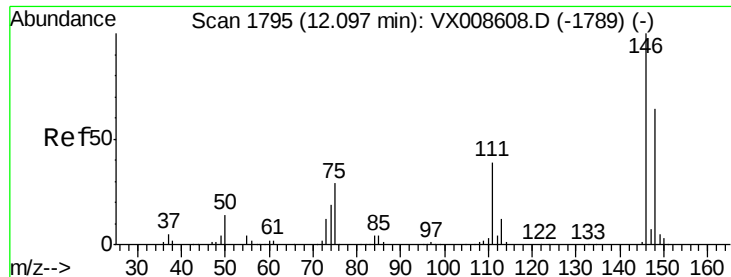


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 44.618 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MS

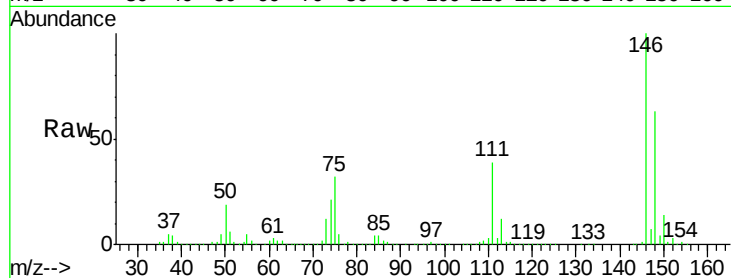
Tgt Ion: 146 Resp: 207115

Ion Ratio Lower Upper

146 100

111 39.7 20.2 60.6

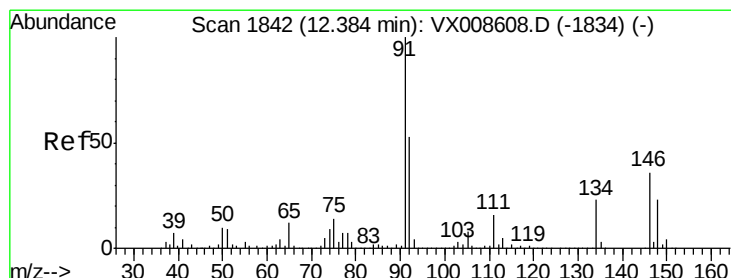
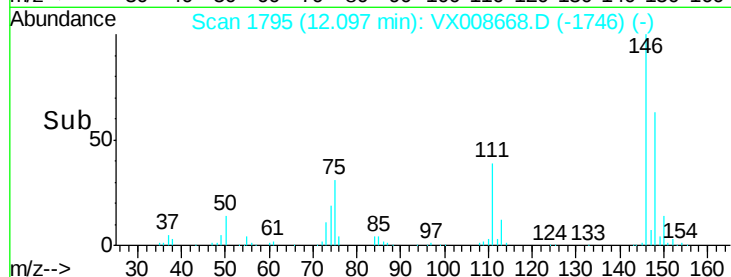
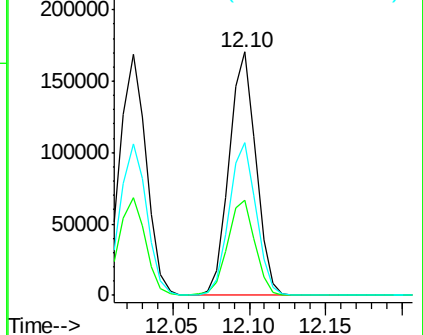
148 63.1 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 45.349 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

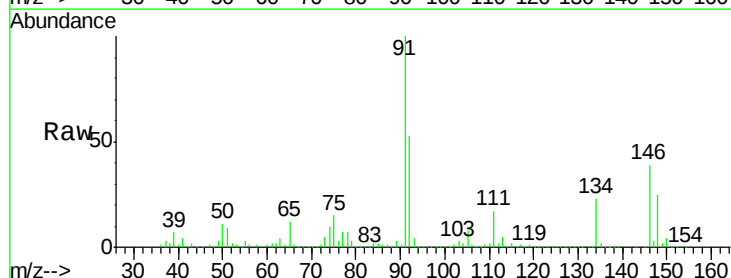
Tgt Ion: 91 Resp: 390023

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.2

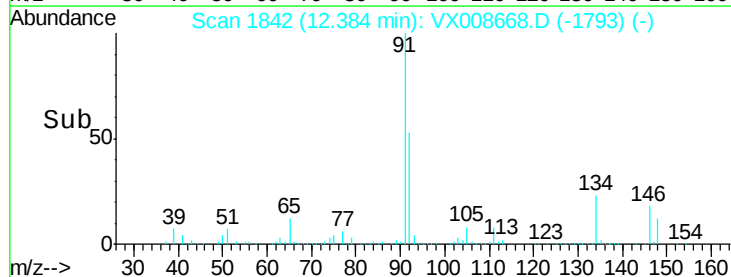
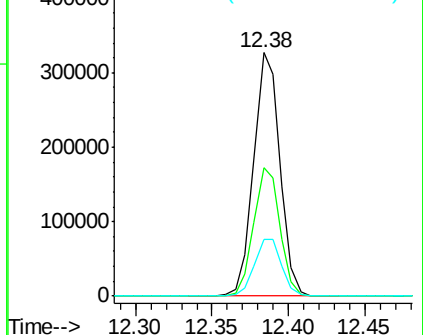
134 24.4 12.0 36.0

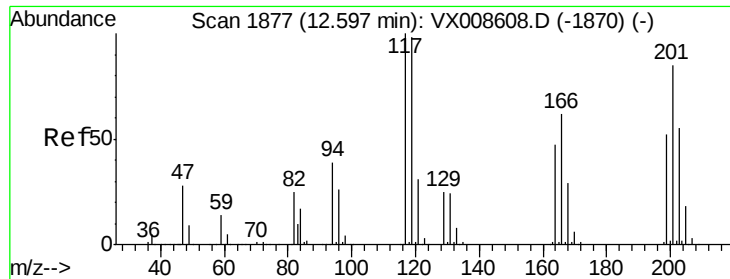


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 46.323 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

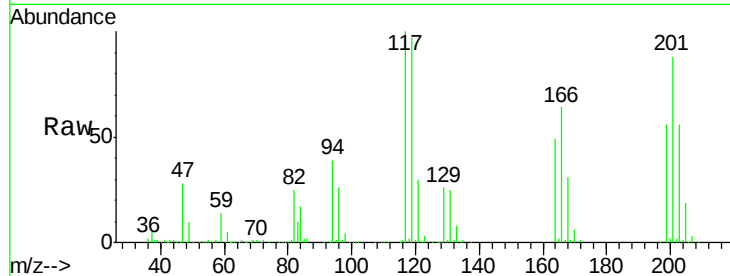
ST006RW149-190402MS

Tgt Ion:117 Resp: 70460

Ion Ratio Lower Upper

117 100

201 82.7 40.6 122.0

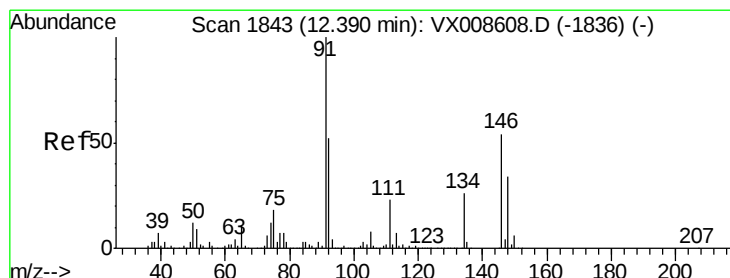
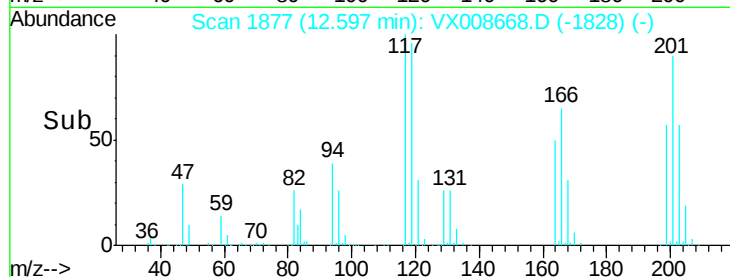


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.60

Time-->



#91

1,2-Dichlorobenzene

Concen: 45.055 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

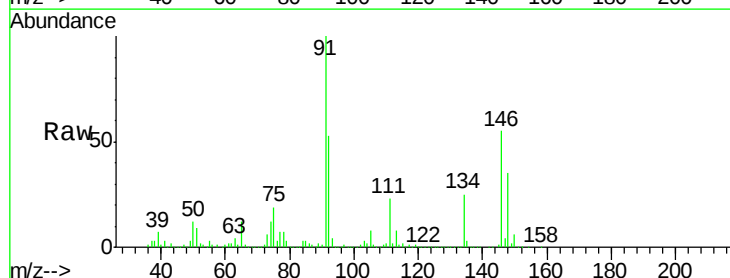
Tgt Ion:146 Resp: 205067

Ion Ratio Lower Upper

146 100

111 42.3 21.3 63.9

148 64.3 31.7 95.1



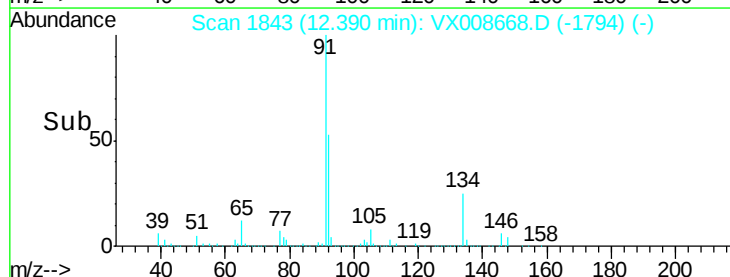
Abundance Ion 145.90 (145.60 to 146.60): V

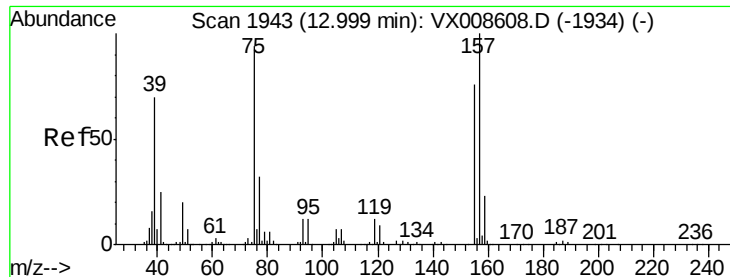
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

12.39

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 44.030 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MS

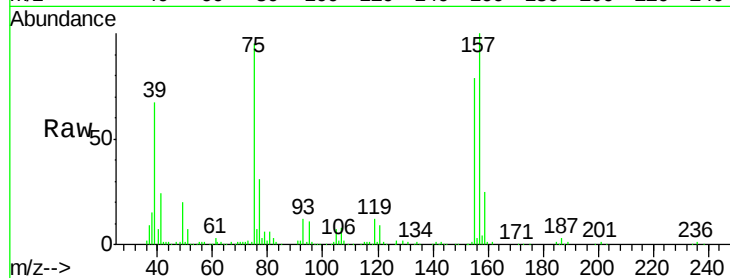
Tgt Ion: 75 Resp: 39236

Ion Ratio Lower Upper

75 100

155 81.4 39.9 119.6

157 101.2 51.5 154.7

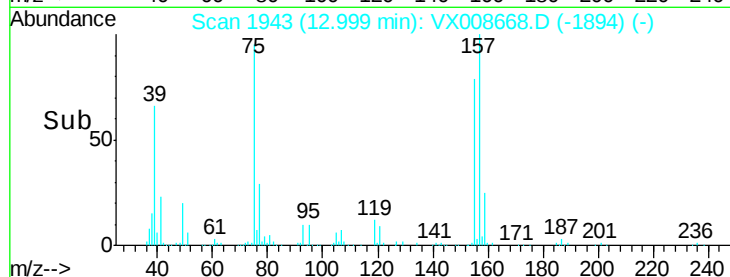


Abundance Ion 74.90 (74.60 to 75.60): VX008668.D (-1934) (-)

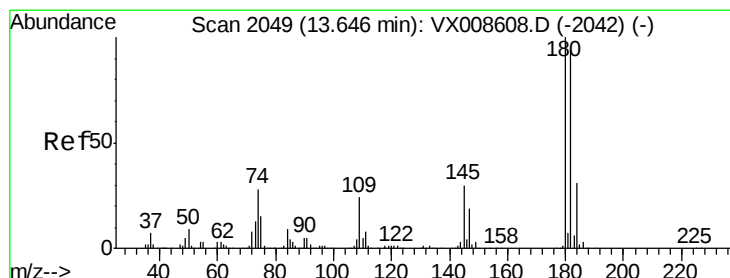
Ion 154.80 (154.50 to 155.50): VX008668.D (-1934) (-)

Ion 156.80 (156.50 to 157.50): VX008668.D (-1934) (-)

Time-->



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 45.070 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

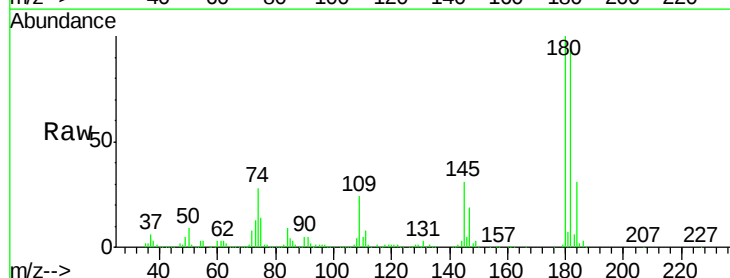
Tgt Ion: 180 Resp: 142629

Ion Ratio Lower Upper

180 100

182 95.4 47.2 141.6

145 35.9 15.3 45.9

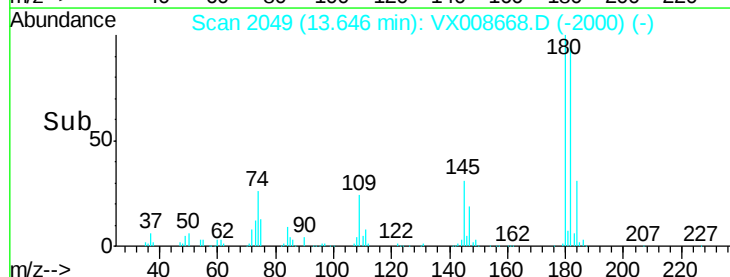


Abundance Ion 179.80 (179.50 to 180.50): VX008668.D (-2042) (-)

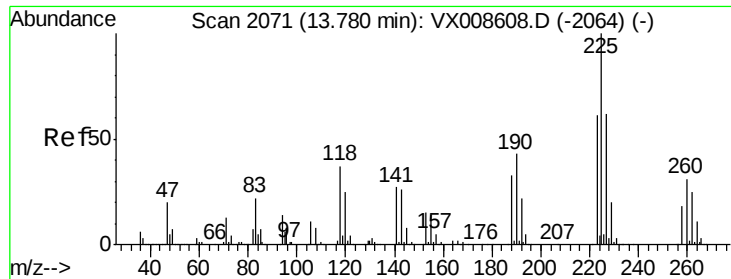
Ion 181.80 (181.50 to 182.50): VX008668.D (-2042) (-)

Ion 144.80 (144.50 to 145.50): VX008668.D (-2042) (-)

Time-->



Time-->



#94

Hexachlorobutadiene

Concen: 43.618 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MS

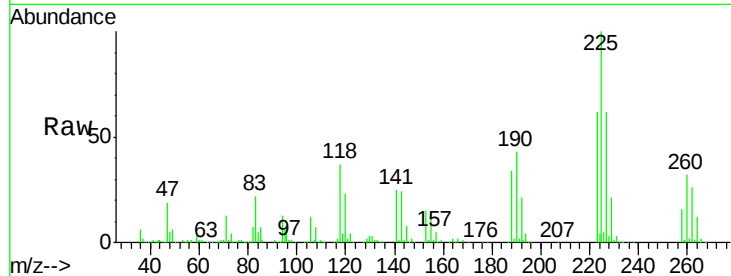
Tgt Ion:225 Resp: 66198

Ion Ratio Lower Upper

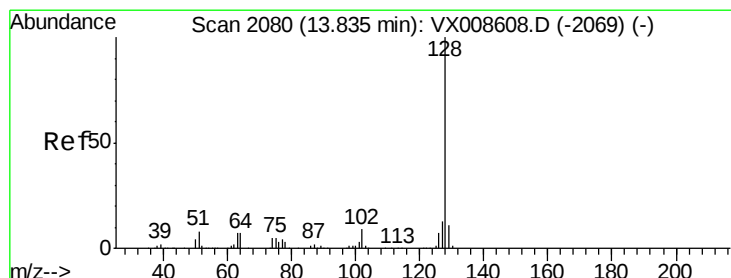
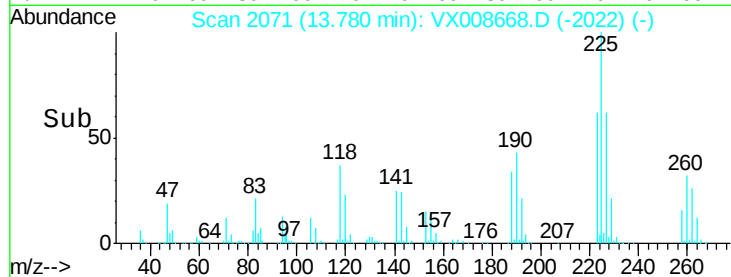
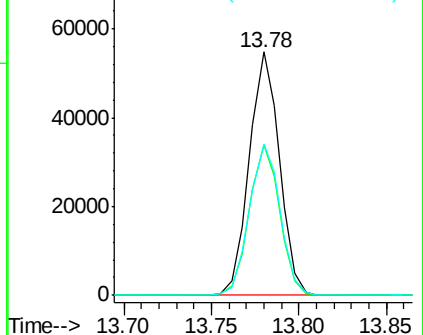
225 100

223 62.0 31.2 93.6

227 63.6 31.9 95.5



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



#95

Naphthalene

Concen: 45.281 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

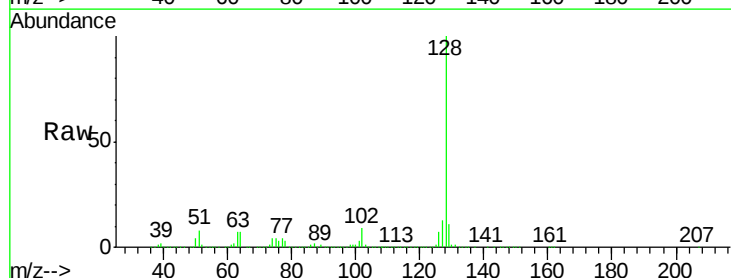
Tgt Ion:128 Resp: 478929

Ion Ratio Lower Upper

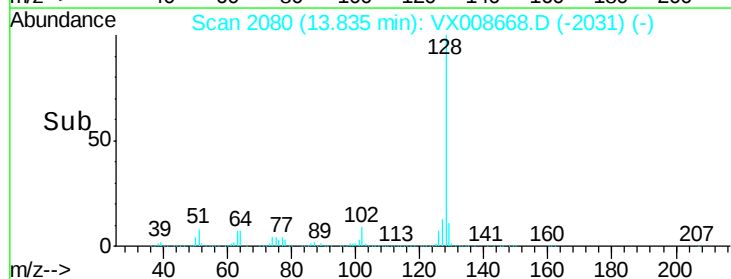
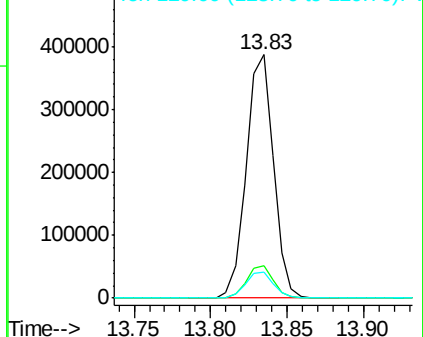
128 100

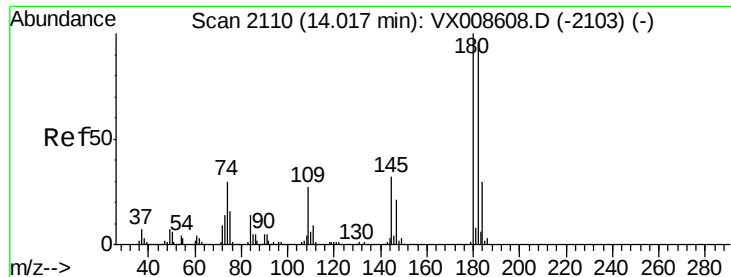
127 13.3 10.4 15.6

129 11.1 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

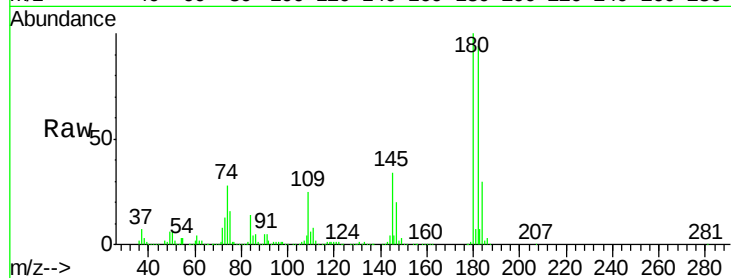




#96
 1,2,3-Trichlorobenzene
 Concen: 44.601 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MS

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.1	144.3
145	39.5	16.3	48.8



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

