

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX040419\
 Data File : VX008669.D
 Acq On : 05 Apr 2019 04:55
 Operator : JC/SP
 Sample : K2274-10MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MSD

Quant Time: Apr 05 07:16:16 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	5.66	168	177613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	304007	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	276434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128946	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	125048	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
35) Dibromofluoromethane	5.50	113	94095	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
50) Toluene-d8	8.71	98	377769	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
62) 4-Bromofluorobenzene	11.13	95	138762	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	91495	44.752	ug/l	99
3) Chloromethane	1.32	50	122289	48.765	ug/l	100
4) Vinyl Chloride	1.40	62	555503	200.996	ug/l	98
5) Bromomethane	1.64	94	61408	45.289	ug/l	99
6) Chloroethane	1.71	64	76072	50.426	ug/l	98
7) Trichlorofluoromethane	1.93	101	140454	45.974	ug/l	100
8) Diethyl Ether	2.19	74	67858	46.837	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	89722	45.614	ug/l	98
10) Methyl Iodide	2.51	142	77521	43.812	ug/l	99
11) Tert butyl alcohol	3.05	59	138730	228.743	ug/l	99
12) 1,1-Dichloroethene	2.37	96	103592	50.450	ug/l	100
13) Acrolein	2.29	56	53506	177.921	ug/l	99
14) Allyl chloride	2.73	41	211204	44.931	ug/l	99
15) Acrylonitrile	3.14	53	380062	236.549	ug/l	100
16) Acetone	2.45	43	315951	211.749	ug/l	100
17) Carbon Disulfide	2.57	76	280444	47.256	ug/l	99
18) Methyl Acetate	2.77	43	170375	47.081	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	354665	48.365	ug/l	94
20) Methylene Chloride	2.85	84	113980	45.636	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	111248	50.088	ug/l	93
22) Diisopropyl ether	3.85	45	428257	47.269	ug/l	94
23) Vinyl Acetate	3.81	43	1861134	236.134	ug/l	99
24) 1,1-Dichloroethane	3.70	63	219063	48.835	ug/l	99
25) 2-Butanone	4.68	43	531238	225.262	ug/l	99
26) 2,2-Dichloropropane	4.59	77	108227	34.256	ug/l #	1
27) cis-1,2-Dichloroethene	4.60	96	5744980	2249.770	ug/l	88
28) Bromochloromethane	5.02	49	93622	49.961	ug/l	99
29) Tetrahydrofuran	5.13	42	358691	229.157	ug/l	99
30) Chloroform	5.21	83	187722	46.854	ug/l	99
31) Cyclohexane	5.58	56	217642	48.625	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	199960	61.761	ug/l	99
36) 1,1-Dichloropropene	5.80	75	147076	44.259	ug/l	100
37) Ethyl Acetate	4.83	43	198521	44.756	ug/l #	81
38) Carbon Tetrachloride	5.79	117	127474	46.347	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	243753	59.378	ug/l	96
40) Benzene	6.14	78	458656	46.329	ug/l	99
41) Methacrylonitrile	5.04	41	117558	46.108	ug/l	99
42) 1,2-Dichloroethane	6.19	62	160681	45.273	ug/l	99
43) Isopropyl Acetate	6.45	43	326370	46.970	ug/l	100
44) Trichloroethene	7.21	130	1746580	757.487	ug/l	98
45) 1,2-Dichloropropane	7.51	63	129250	45.741	ug/l	99
46) Dibromomethane	7.66	93	74053	45.186	ug/l	99
47) Bromodichloromethane	7.90	83	150538	48.717	ug/l	99
48) Methyl methacrylate	7.77	41	165333	47.038	ug/l	98
49) 1,4-Dioxane	7.74	88	54052	820.916	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1105745	247.206	ug/l	100
52) Toluene	8.79	92	273021	46.778	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	164659	47.571	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	179925	45.492	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	108120	46.150	ug/l	98
56) Ethyl methacrylate	9.18	69	219990	51.898	ug/l	95
57) 1,3-Dichloropropane	9.37	76	197023	46.833	ug/l	100
59) 2-Hexanone	9.49	43	813533	234.032	ug/l	98
60) Dibromochloromethane	9.58	129	109004	49.375	ug/l	100
61) 1,2-Dibromoethane	9.67	107	113840	46.676	ug/l	98
64) Tetrachloroethene	9.34	164	2074211	1012.756	ug/l	99
65) Chlorobenzene	10.14	112	287480	46.915	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	100450	46.727	ug/l	99
67) Ethyl Benzene	10.25	91	526669	46.093	ug/l	98
68) m/p-Xylenes	10.36	106	377503	91.888	ug/l	99
69) o-Xylene	10.69	106	185466	46.583	ug/l	99
70) Styrene	10.71	104	325693	47.457	ug/l	100
71) Bromoform	10.85	173	81612	49.708	ug/l #	99
73) Isopropylbenzene	11.02	105	489028	45.763	ug/l	100
74) N-amyl acetate	10.90	43	296139	47.103	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	188658	46.421	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	210042	59.296	ug/l	81
77) Bromobenzene	11.26	156	120060	46.735	ug/l	99
78) n-propylbenzene	11.36	91	566350	45.517	ug/l	100
79) 2-Chlorotoluene	11.42	91	340111	45.169	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	410095	45.718	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56190	43.726	ug/l	98
82) 4-Chlorotoluene	11.51	91	395082	45.329	ug/l	99
83) tert-Butylbenzene	11.77	119	406075	47.054	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	416139	45.816	ug/l	100
85) sec-Butylbenzene	11.94	105	482084	47.029	ug/l	98
86) p-Isopropyltoluene	12.06	119	421791	45.844	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	211243	45.932	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	210040	45.102	ug/l	100
89) n-Butylbenzene	12.38	91	393861	45.647	ug/l	99
90) Hexachloroethane	12.60	117	73156	47.940	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	209251	45.826	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40065	44.814	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	144974	45.663	ug/l	96

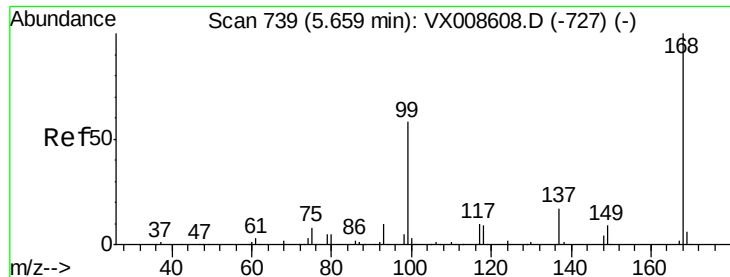
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	66965	43.980	ug/l	100
95) Naphthalene	13.83	128	494551	46.607	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	144218	45.464	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

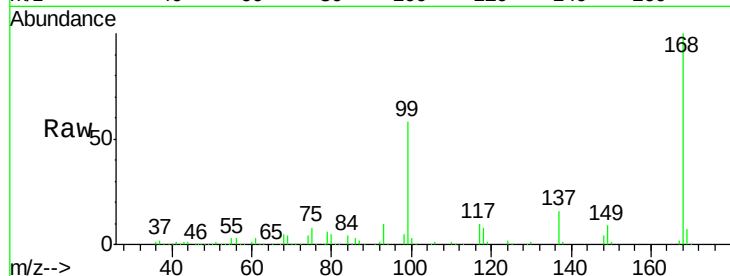
ST006RW149-190402MSD

Tgt Ion:168 Resp: 177613

Ion Ratio Lower Upper

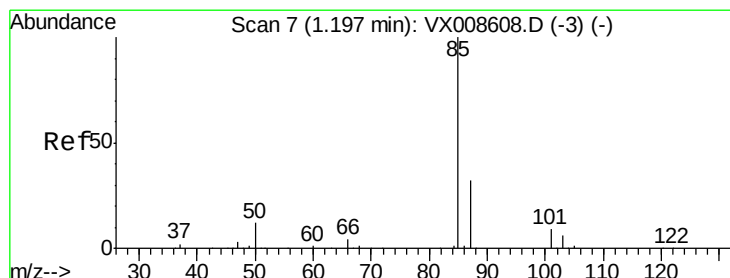
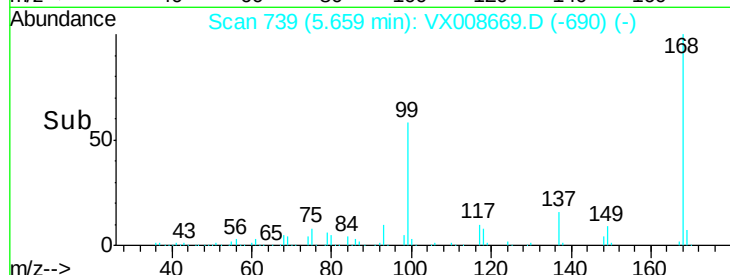
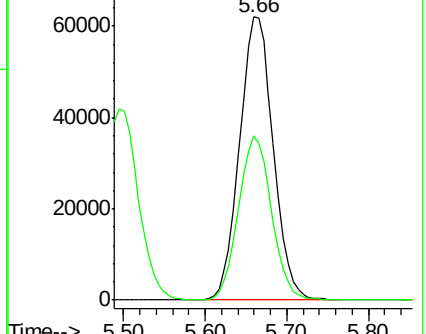
168 100

99 57.7 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: 44.752 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008669.D

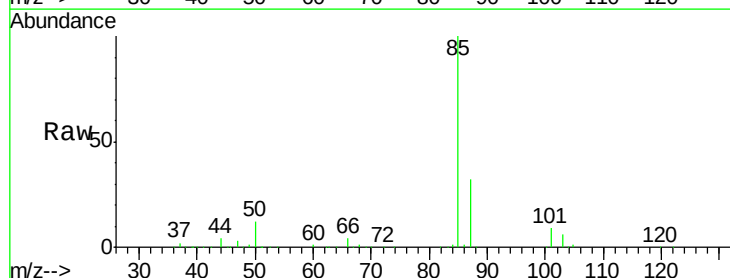
Acq: 05 Apr 2019 04:55

Tgt Ion: 85 Resp: 91495

Ion Ratio Lower Upper

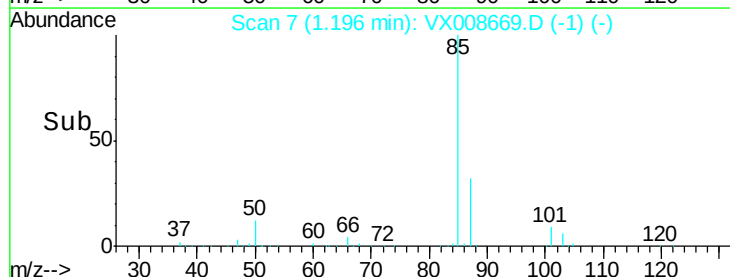
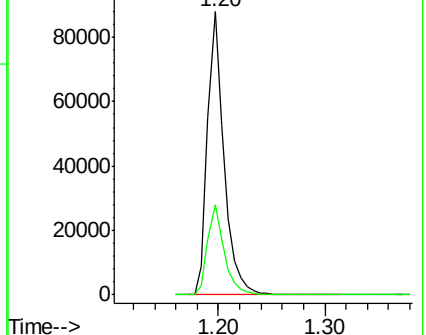
85 100

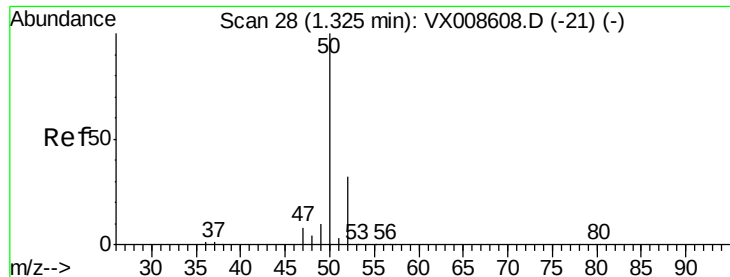
87 31.9 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.765 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

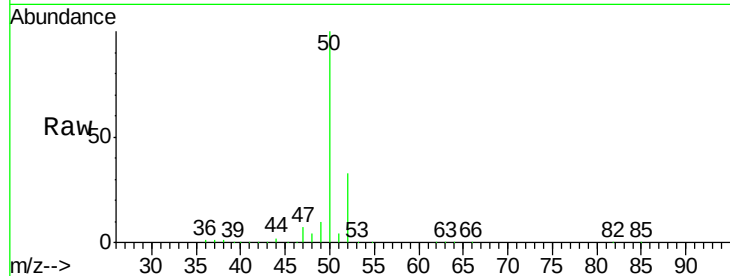
ST006RW149-190402MSD

Tgt Ion: 50 Resp: 122289

Ion Ratio Lower Upper

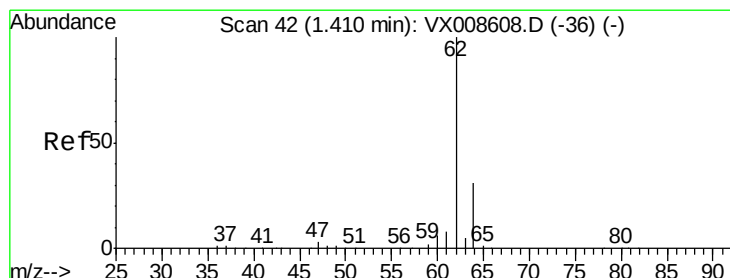
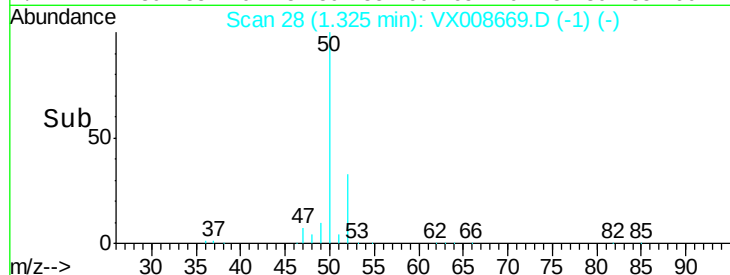
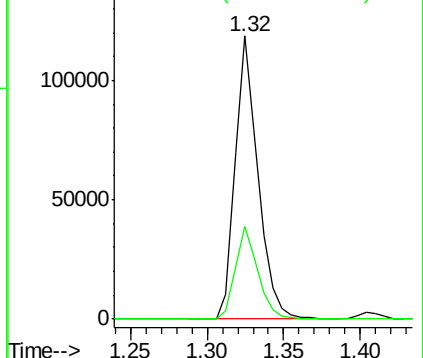
50 100

52 32.5 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 200.996 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008669.D

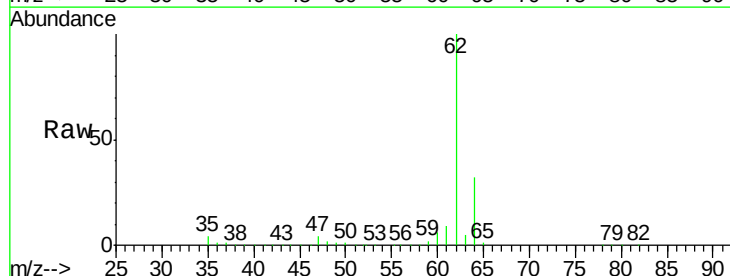
Acq: 05 Apr 2019 04:55

Tgt Ion: 62 Resp: 555503

Ion Ratio Lower Upper

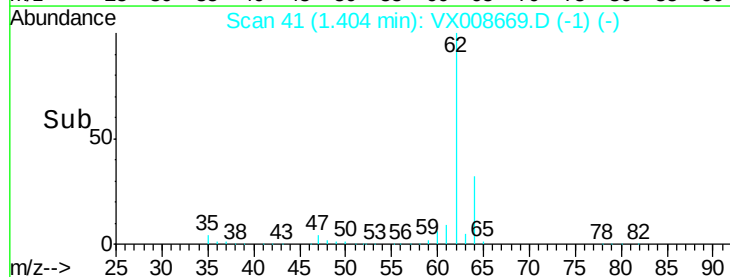
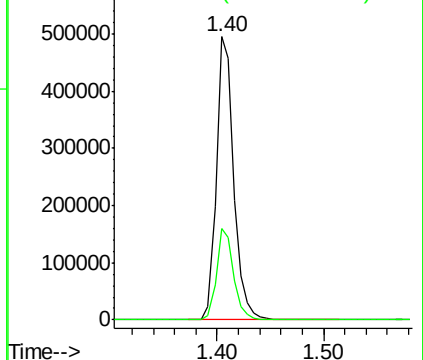
62 100

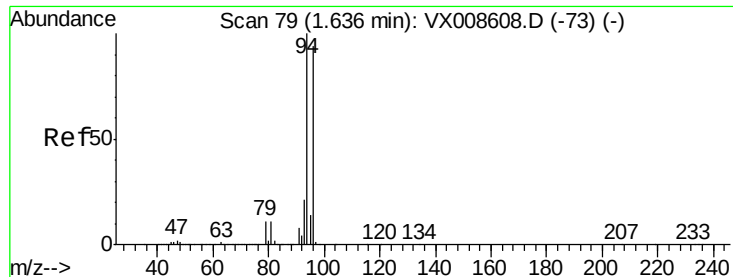
64 32.3 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 45.289 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

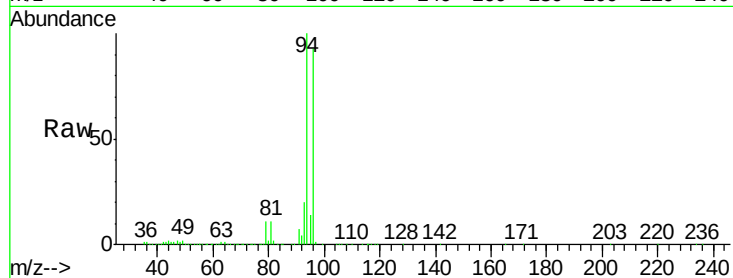
ST006RW149-190402MSD

Tgt Ion: 94 Resp: 61408

Ion Ratio Lower Upper

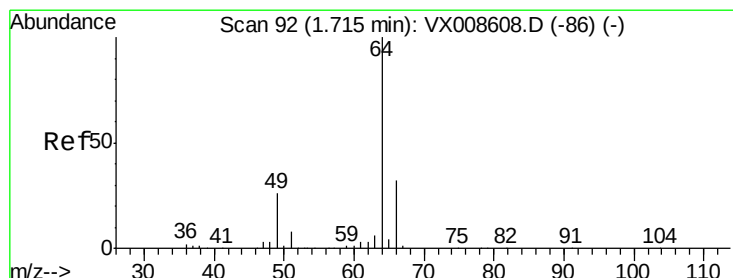
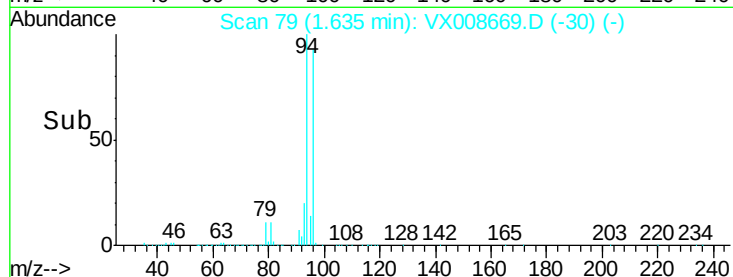
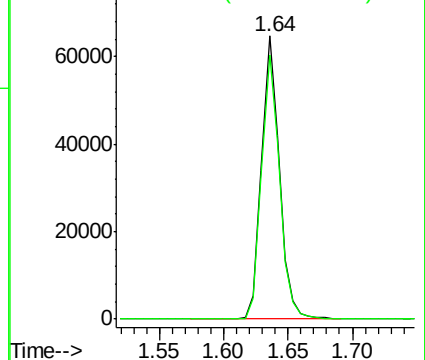
94 100

96 93.4 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: 50.426 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008669.D

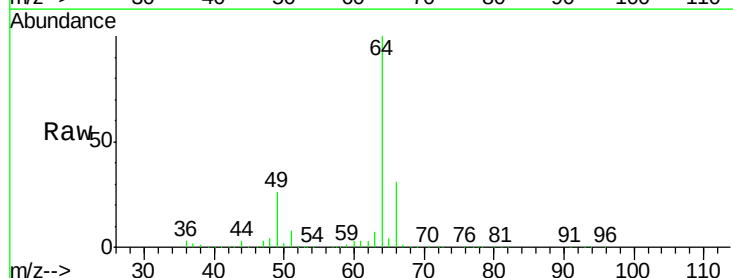
Acq: 05 Apr 2019 04:55

Tgt Ion: 64 Resp: 76072

Ion Ratio Lower Upper

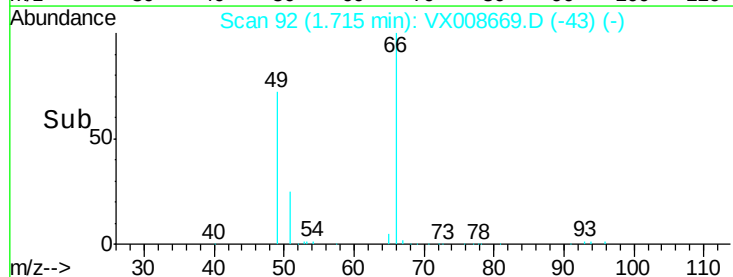
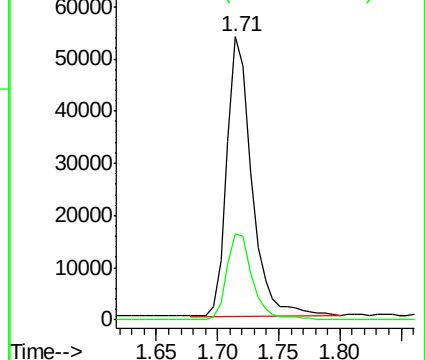
64 100

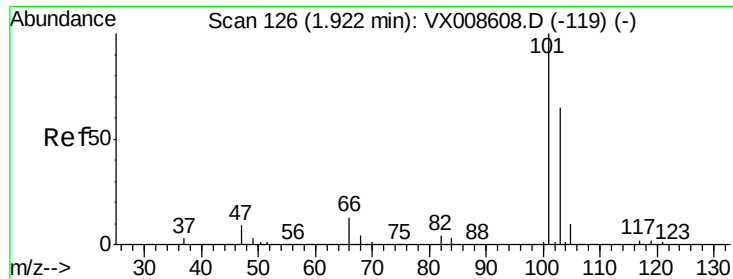
66 30.8 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



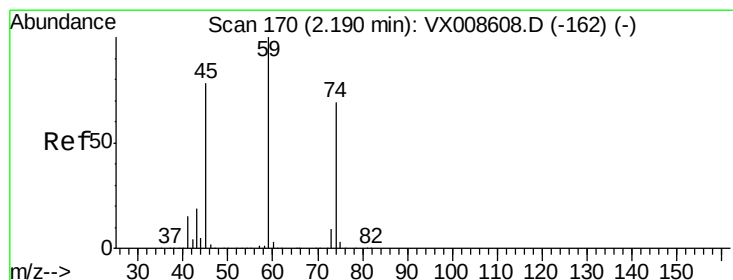
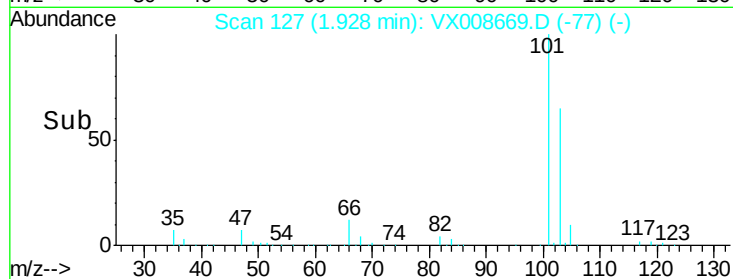
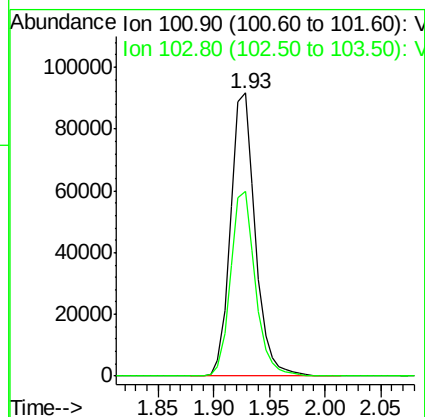
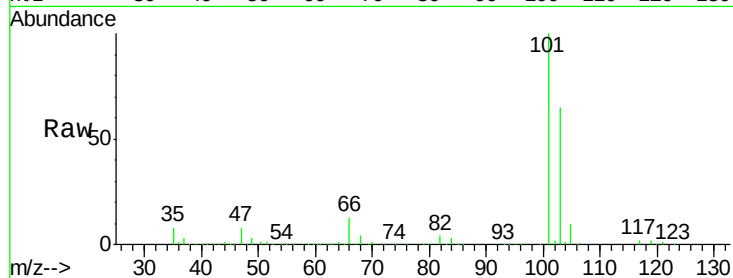


#7

Trichlorofluoromethane
 Concen: 45.974 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Instrument :
 MSVOA_X
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 ST006RW149-190402MSD

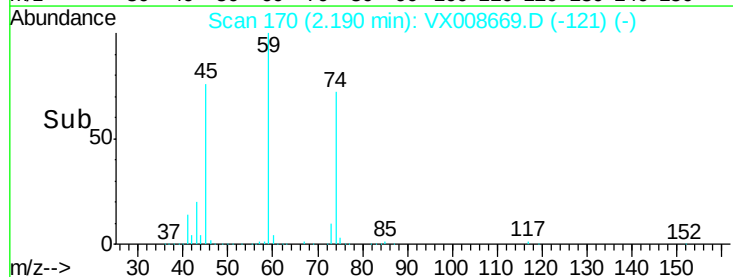
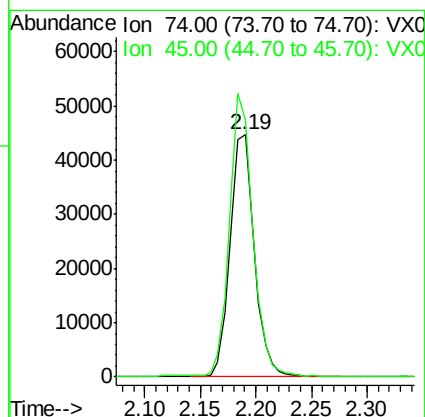
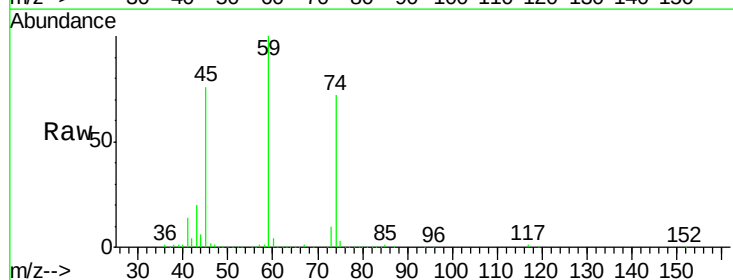
Tgt Ion: 101 Resp: 140454
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.3 78.5

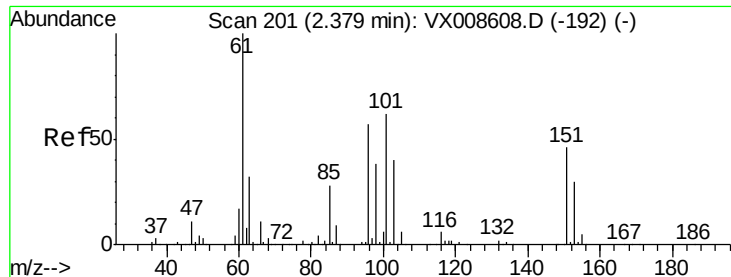


#8

Diethyl Ether
 Concen: 46.837 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Tgt Ion: 74 Resp: 67858
 Ion Ratio Lower Upper
 74 100
 45 112.2 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.614 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MSD

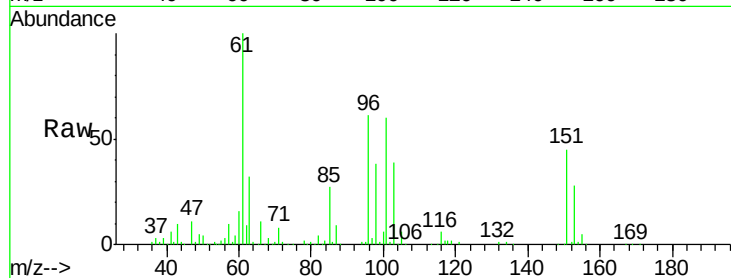
Tgt Ion:101 Resp: 89722

Ion Ratio Lower Upper

101 100

85 43.4 36.0 54.0

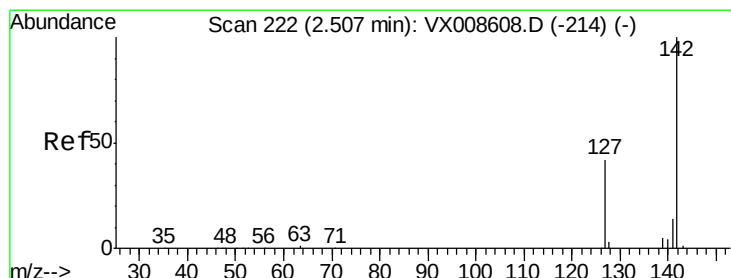
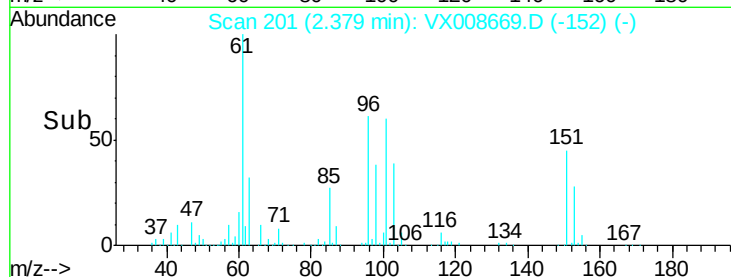
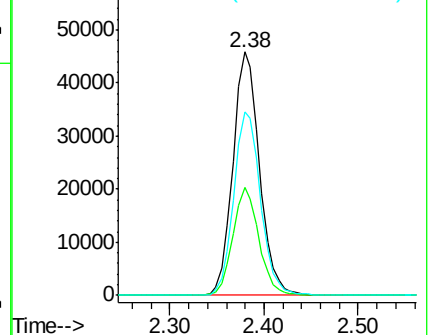
151 76.2 59.9 89.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.812 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

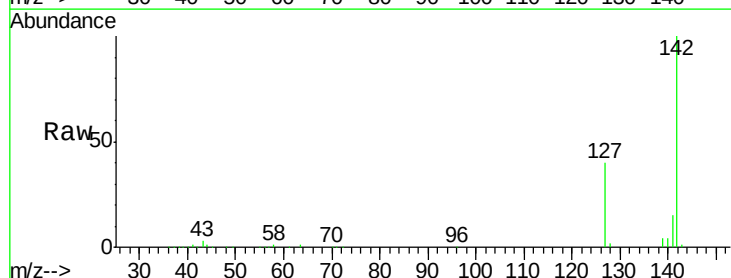
Tgt Ion:142 Resp: 77521

Ion Ratio Lower Upper

142 100

127 40.7 33.0 49.6

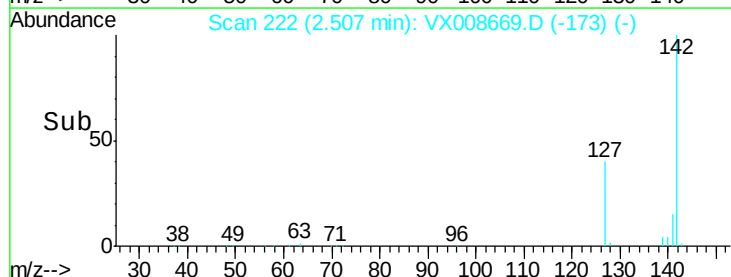
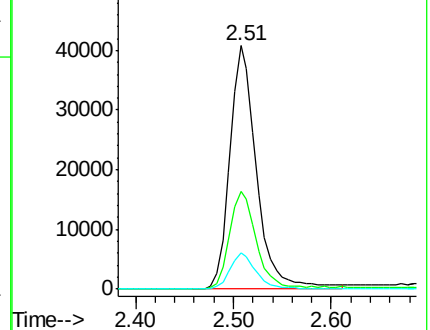
141 14.6 11.4 17.2

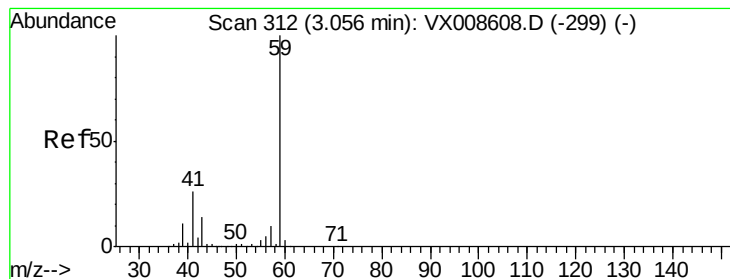


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



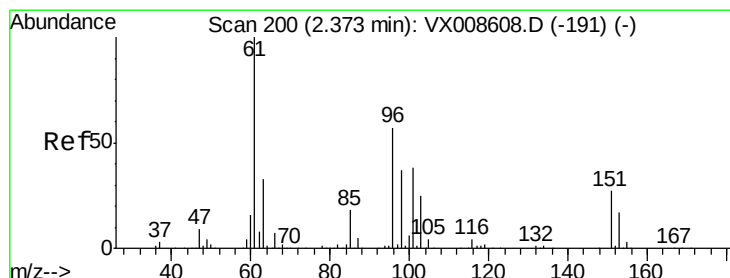
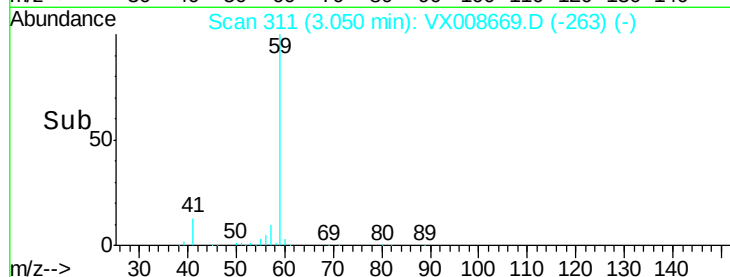
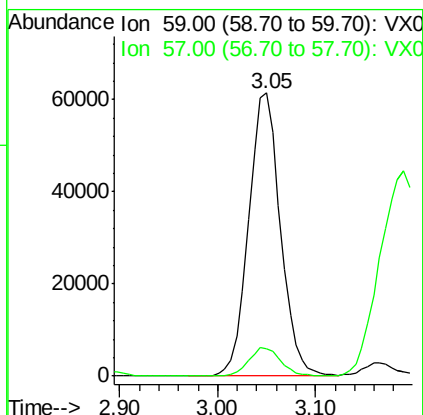
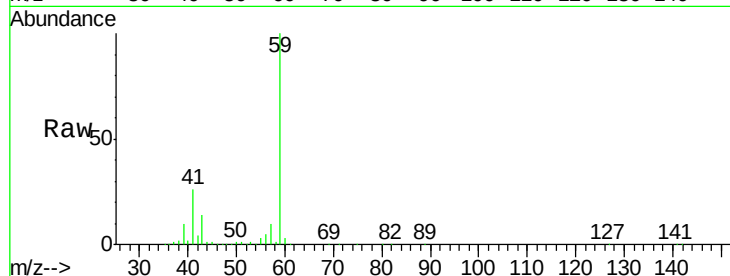


#11

Tert butyl alcohol
Concen: 228.743 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.01 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MSD

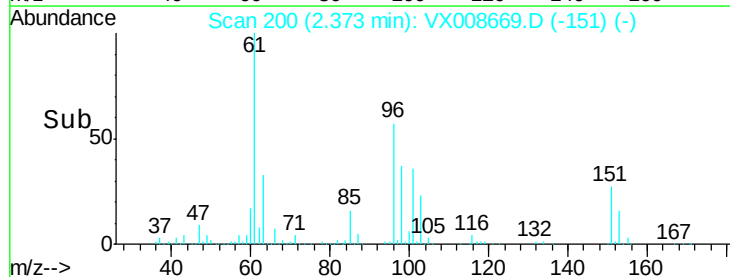
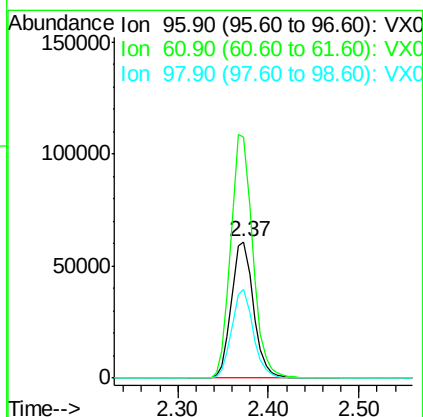
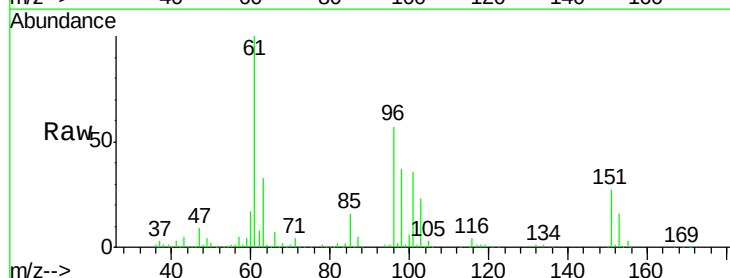
Tgt Ion: 59 Resp: 138730
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

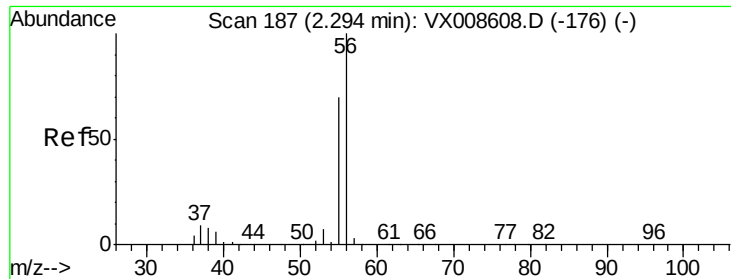


#12

1,1-Dichloroethene
Concen: 50.450 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Tgt Ion: 96 Resp: 103592
Ion Ratio Lower Upper
96 100
61 176.8 140.9 211.3
98 65.4 52.1 78.1





#13

Acrolein

Concen: 177.921 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

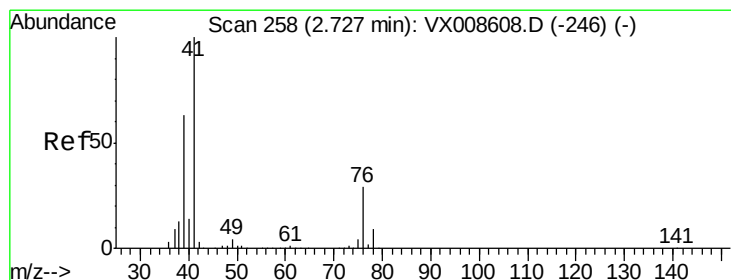
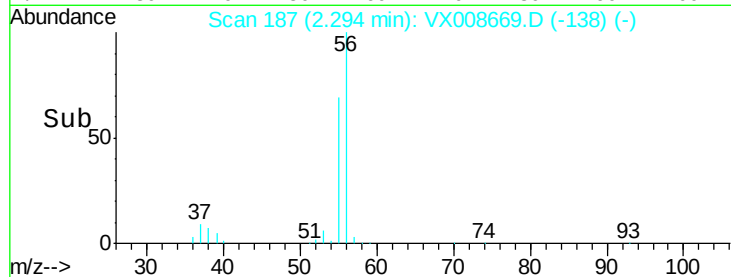
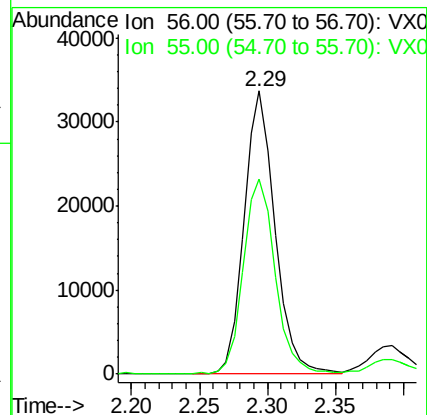
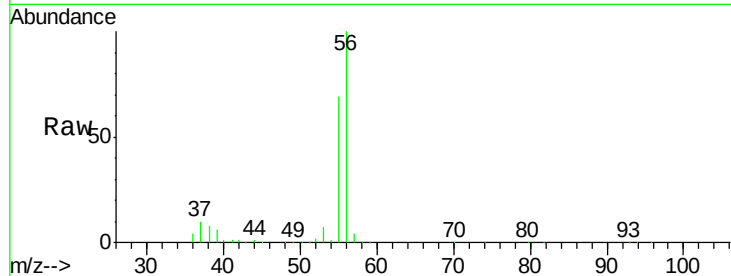
ST006RW149-190402MSD

Tgt Ion: 56 Resp: 53506

Ion Ratio Lower Upper

56 100

55 71.4 58.0 87.0



#14

Allyl chloride

Concen: 44.931 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

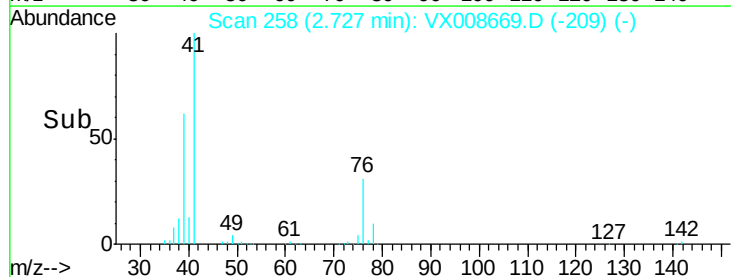
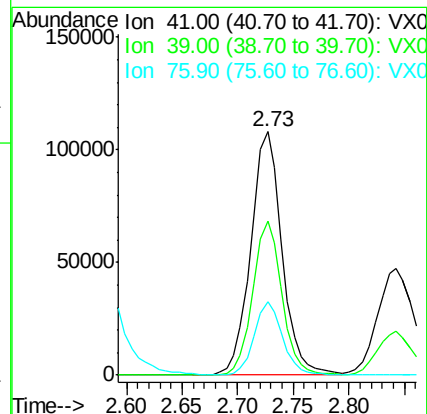
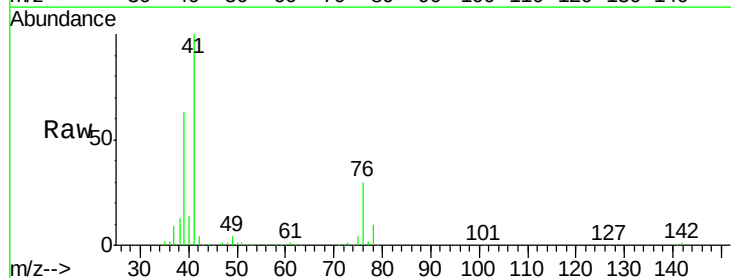
Tgt Ion: 41 Resp: 211204

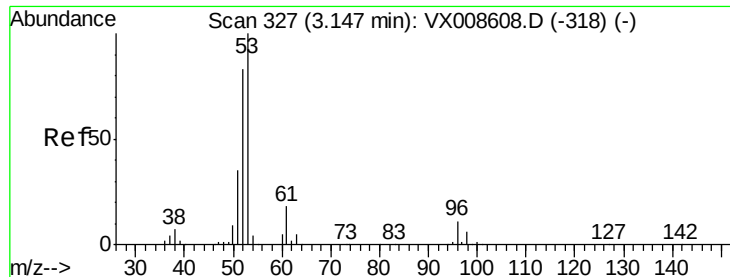
Ion Ratio Lower Upper

41 100

39 59.1 48.0 72.0

76 27.6 22.0 33.0





#15

Acrylonitrile

Concen: 236.549 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MSD

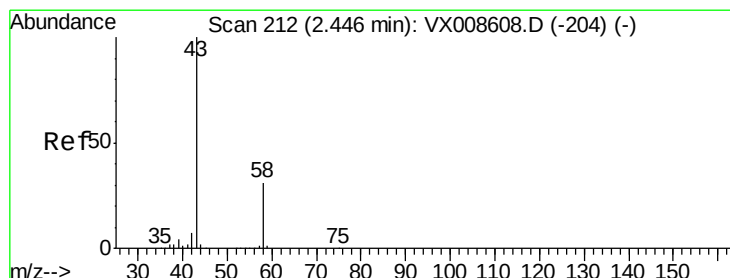
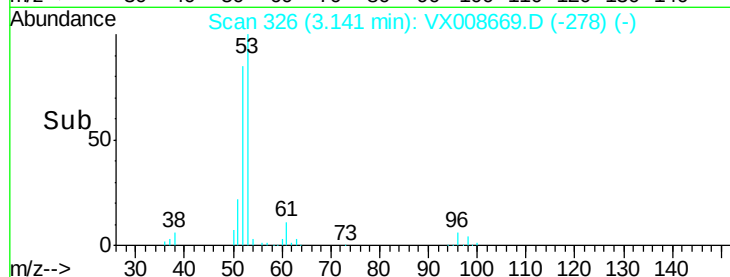
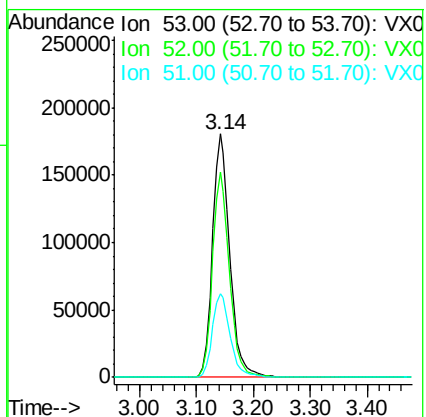
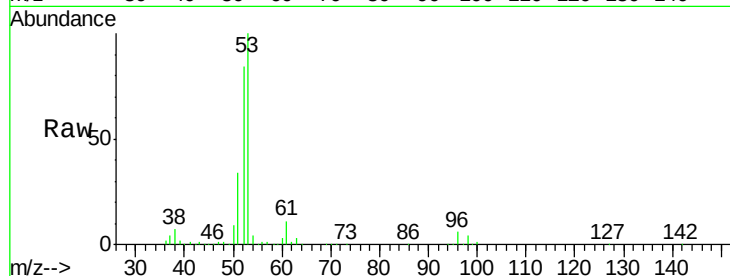
Tgt Ion: 53 Resp: 380062

Ion Ratio Lower Upper

53 100

52 83.1 66.5 99.7

51 35.5 28.6 42.8



#16

Acetone

Concen: 211.749 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008669.D

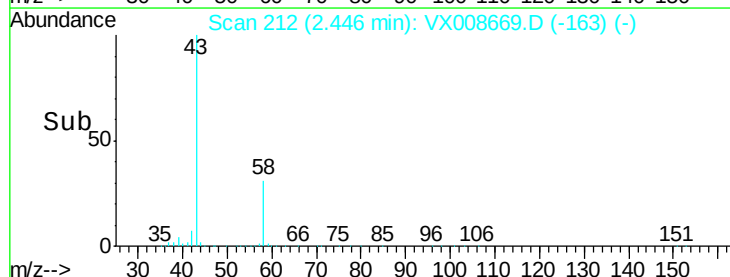
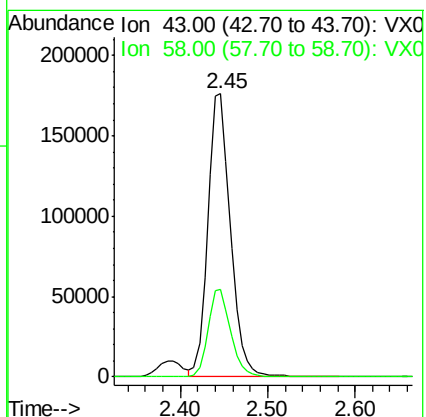
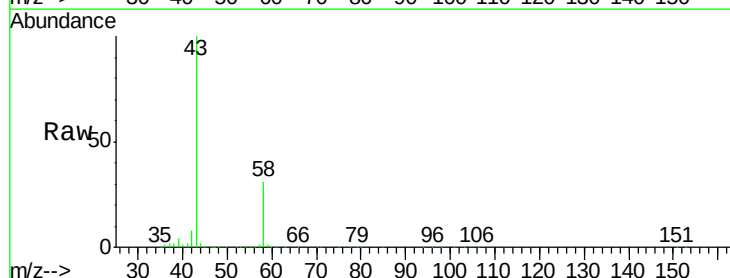
Acq: 05 Apr 2019 04:55

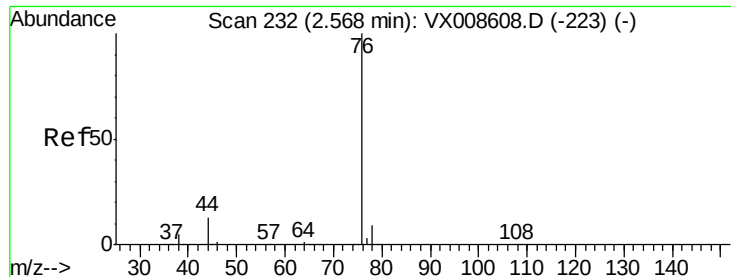
Tgt Ion: 43 Resp: 315951

Ion Ratio Lower Upper

43 100

58 31.0 24.8 37.2





#17

Carbon Disulfide

Concen: 47.256 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

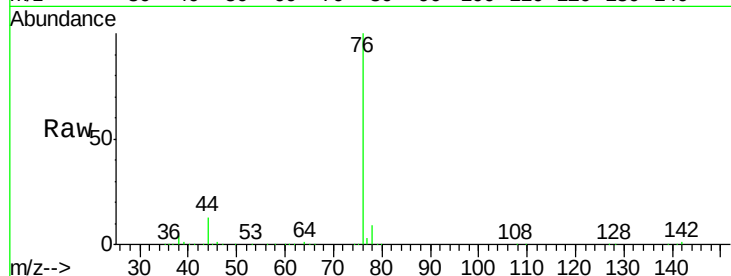
ST006RW149-190402MSD

Tgt Ion: 76 Resp: 280444

Ion Ratio Lower Upper

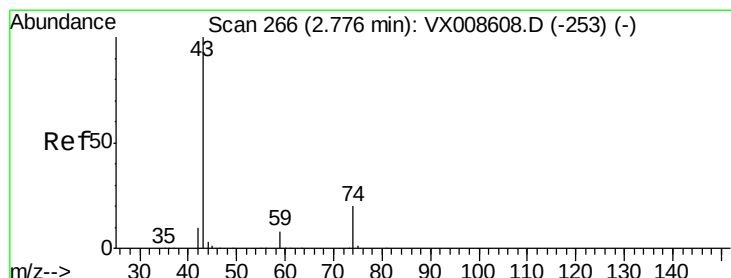
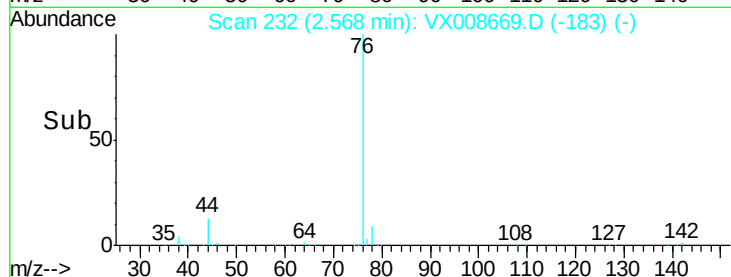
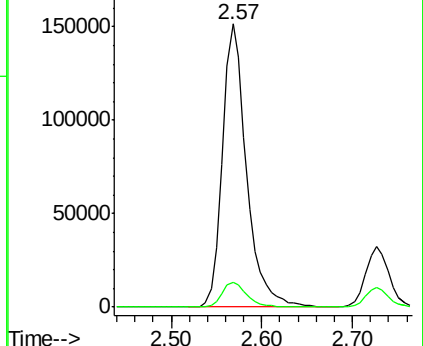
76 100

78 8.7 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.081 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX008669.D

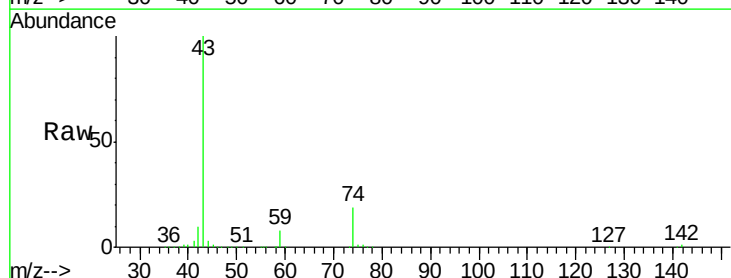
Acq: 05 Apr 2019 04:55

Tgt Ion: 43 Resp: 170375

Ion Ratio Lower Upper

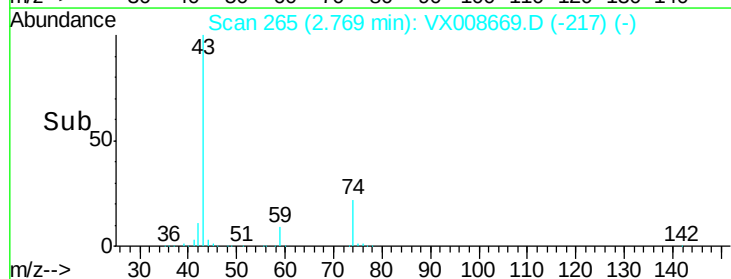
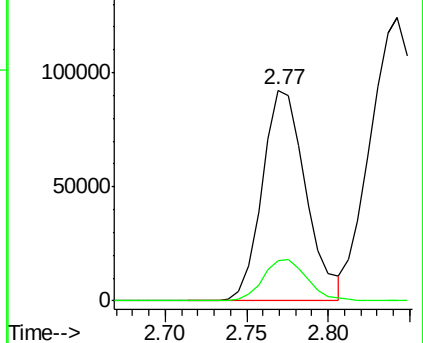
43 100

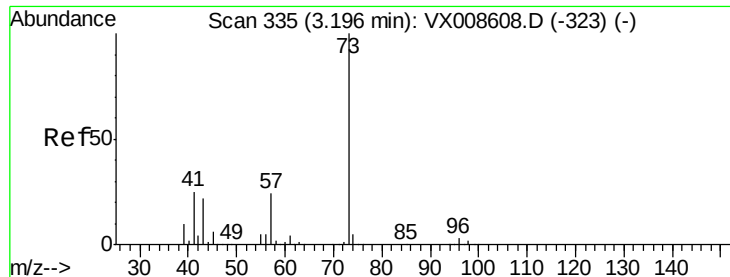
74 20.5 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



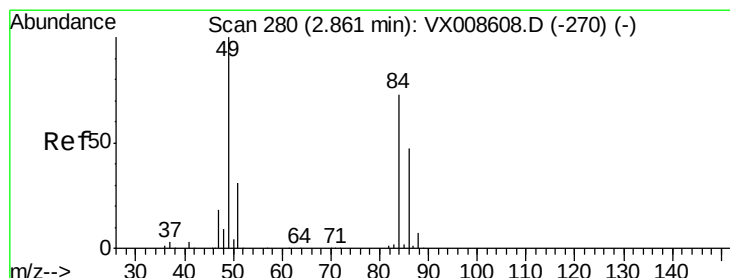
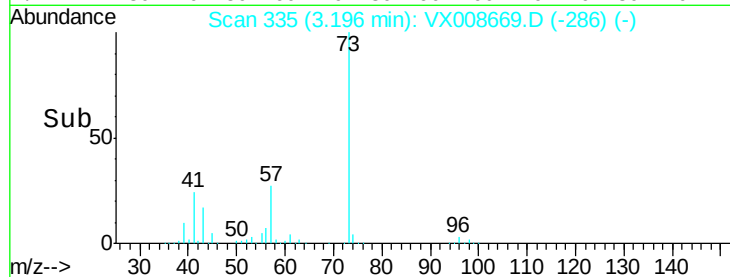
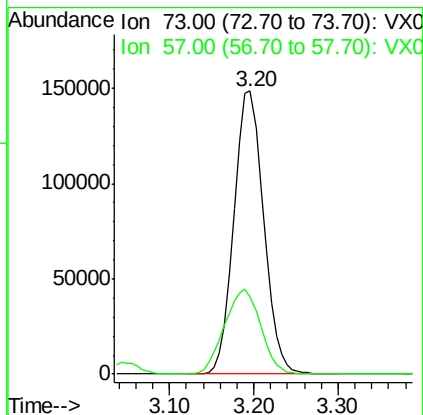
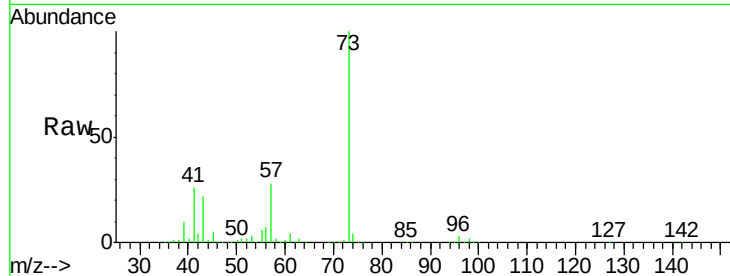


#19

Methyl tert-butyl Ether
 Concen: 48.365 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MSD

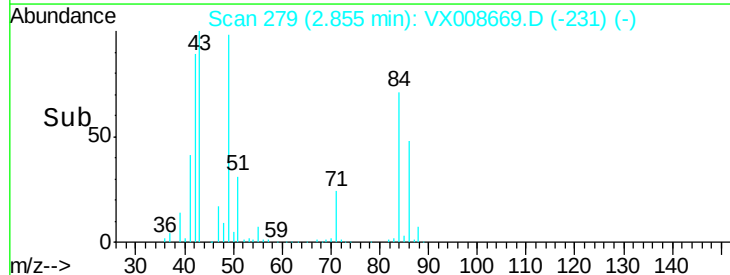
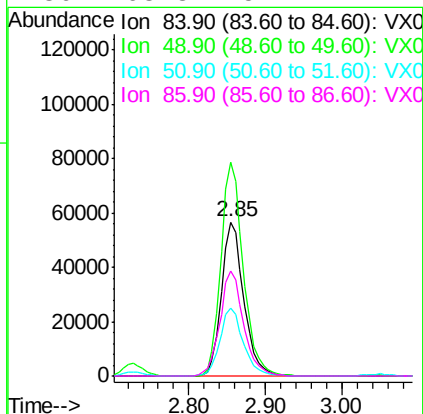
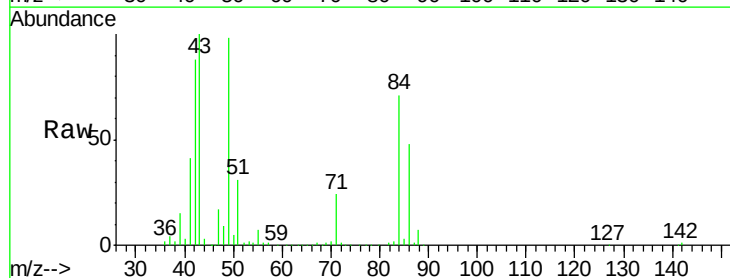
Tgt Ion: 73 Resp: 354665
 Ion Ratio Lower Upper
 73 100
 57 27.5 19.5 29.3

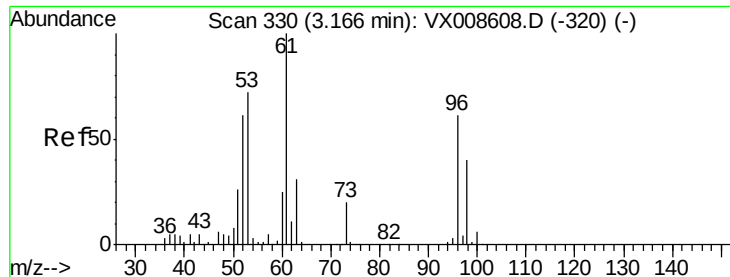


#20

Methylene Chloride
 Concen: 45.636 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Tgt Ion: 84 Resp: 113980
 Ion Ratio Lower Upper
 84 100
 49 138.5 109.7 164.5
 51 43.9 33.6 50.4
 86 68.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 50.088 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MSD

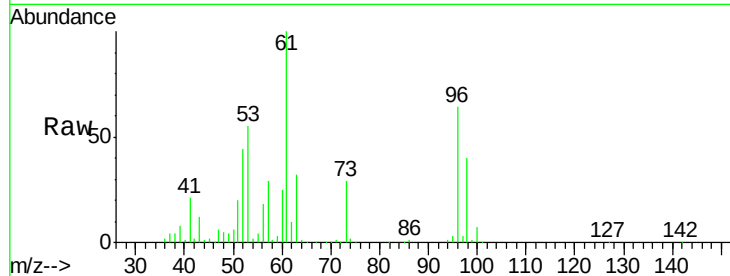
Tgt Ion: 96 Resp: 111248

Ion Ratio Lower Upper

96 100

61 155.2 132.1 198.1

98 61.6 52.2 78.2

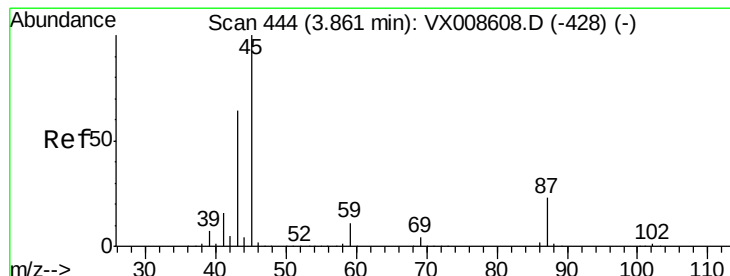
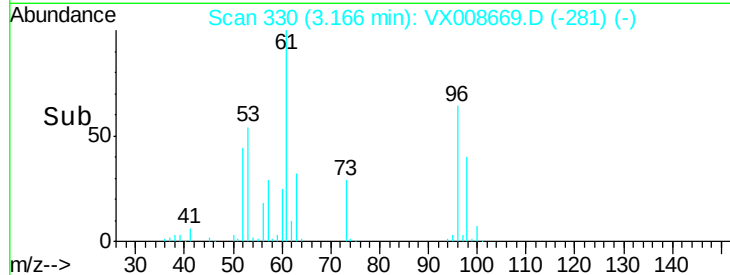
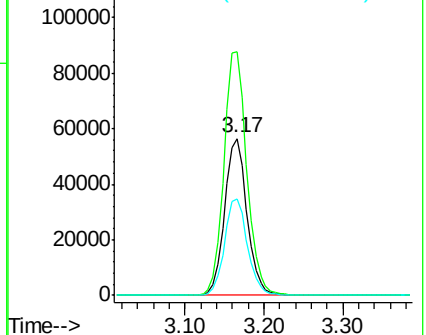


Abundance

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: 47.269 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Tgt Ion: 45 Resp: 428257

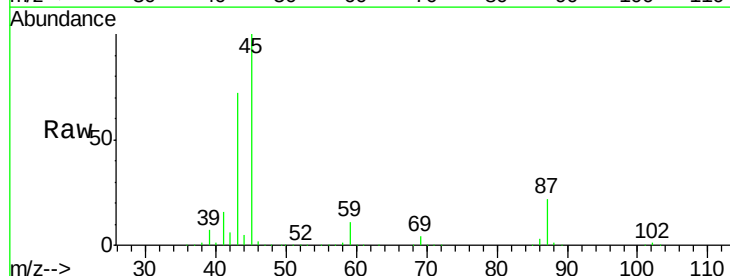
Ion Ratio Lower Upper

45 100

43 71.7 51.3 76.9

87 22.5 18.1 27.1

59 10.8 8.6 13.0



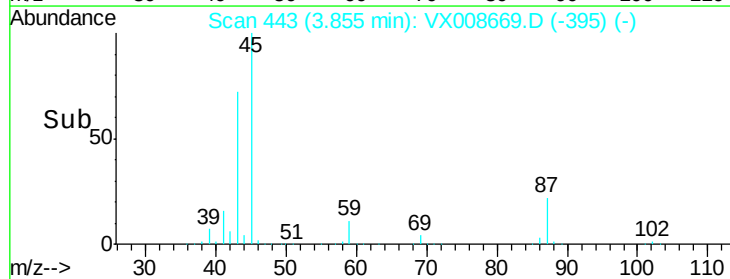
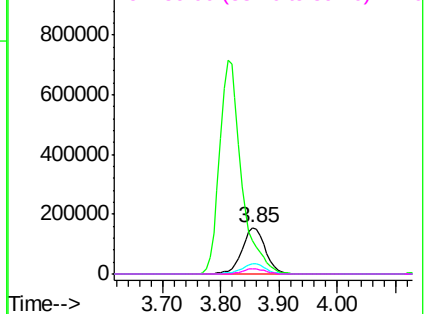
Abundance

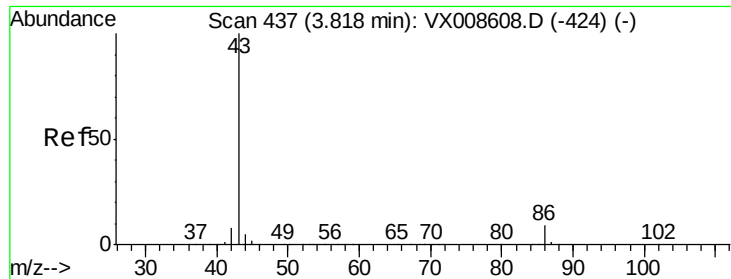
Ion 45.00 (44.70 to 45.70): VX0

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: 236.134 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

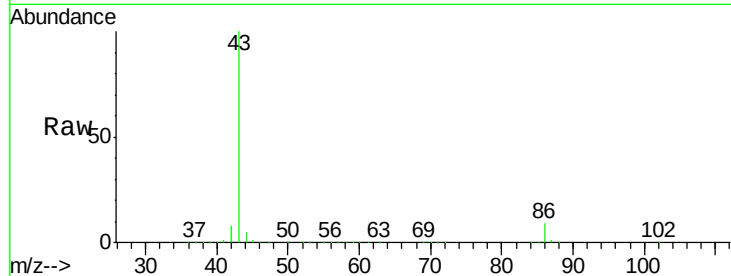
ST006RW149-190402MSD

Tgt Ion: 43 Resp: 1861134

Ion Ratio Lower Upper

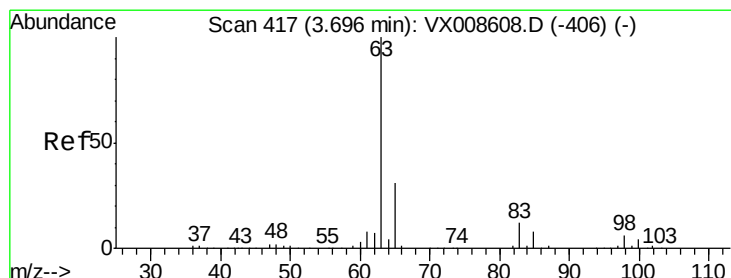
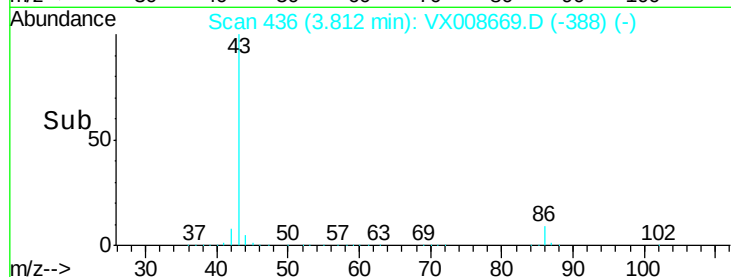
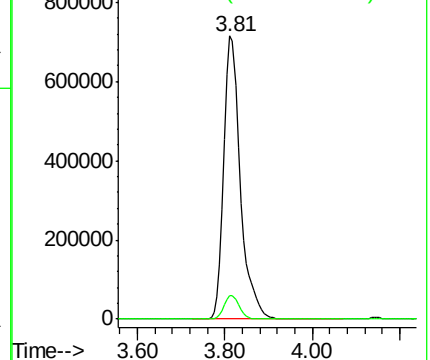
43 100

86 8.5 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.835 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

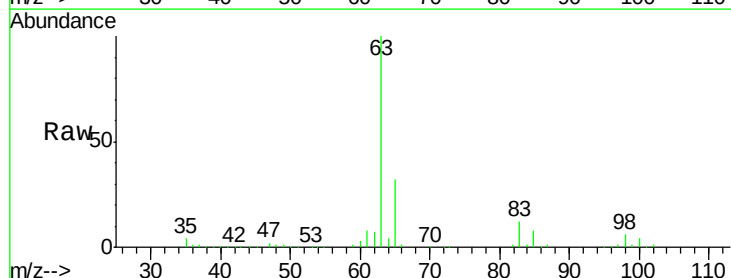
Tgt Ion: 63 Resp: 219063

Ion Ratio Lower Upper

63 100

98 6.0 2.8 8.4

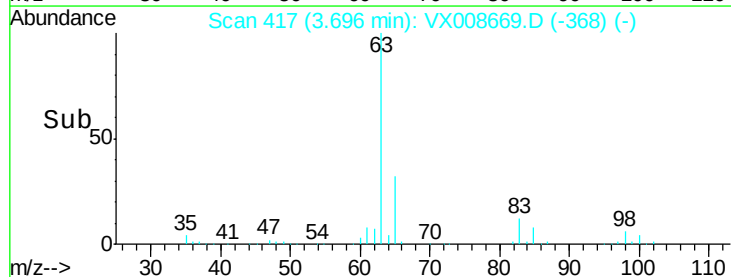
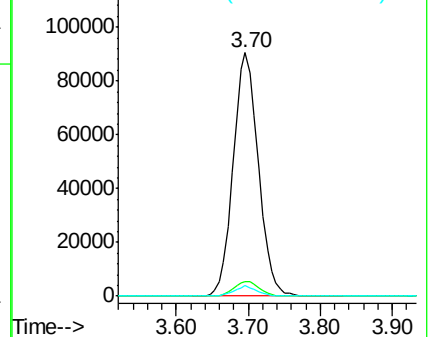
100 4.2 1.8 5.5

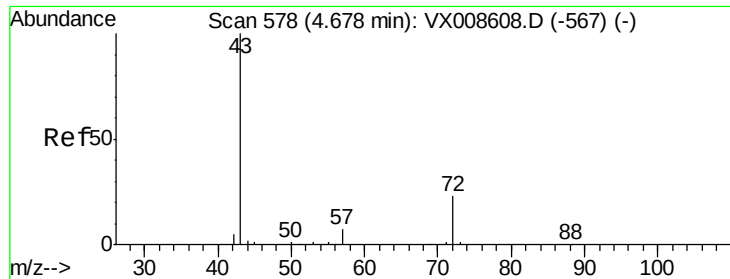


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 225.262 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

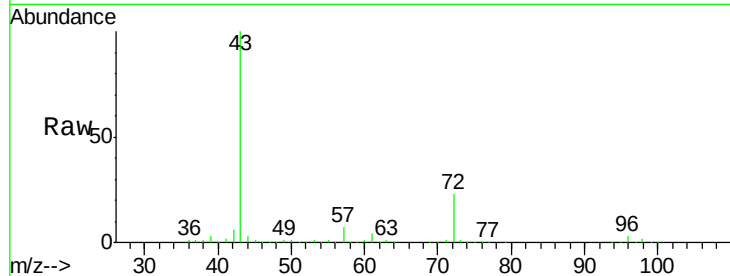
ST006RW149-190402MSD

Tgt Ion: 43 Resp: 531238

Ion Ratio Lower Upper

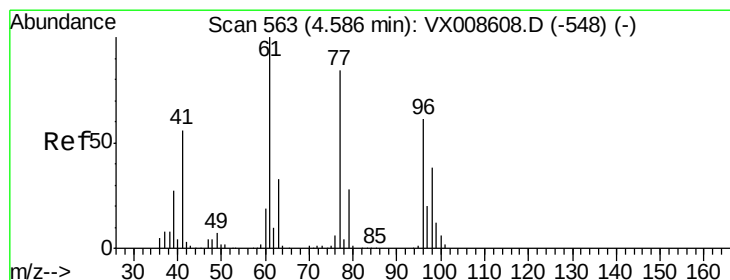
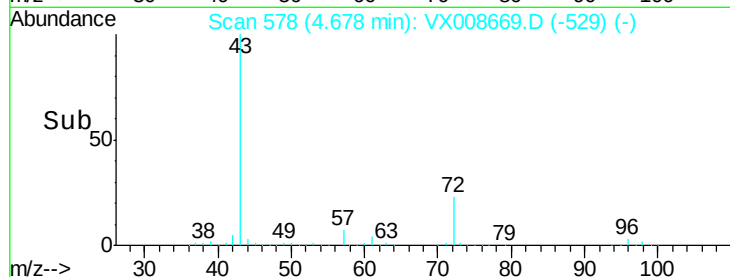
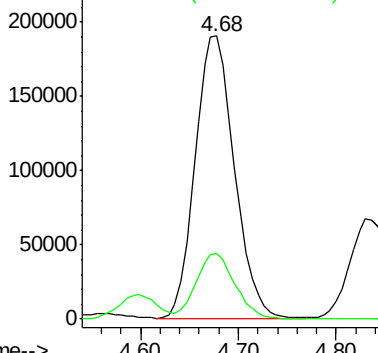
43 100

72 23.1 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: 34.256 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX008669.D

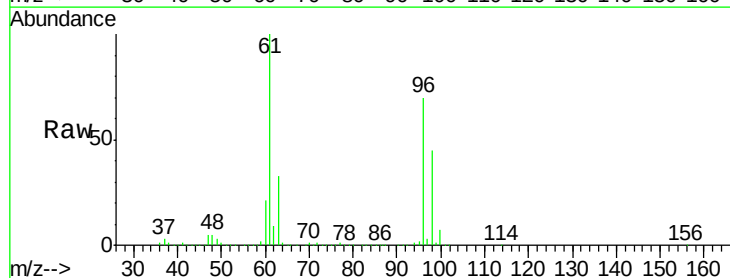
Acq: 05 Apr 2019 04:55

Tgt Ion: 77 Resp: 108227

Ion Ratio Lower Upper

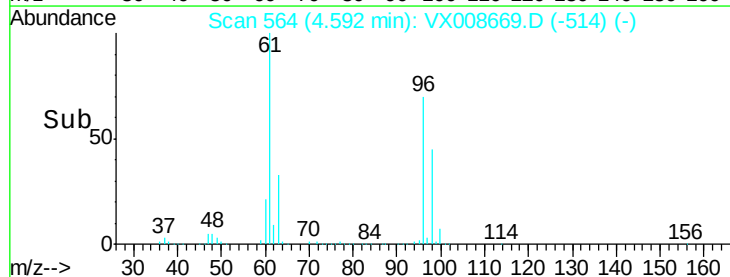
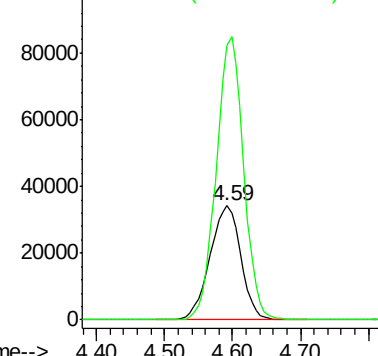
77 100

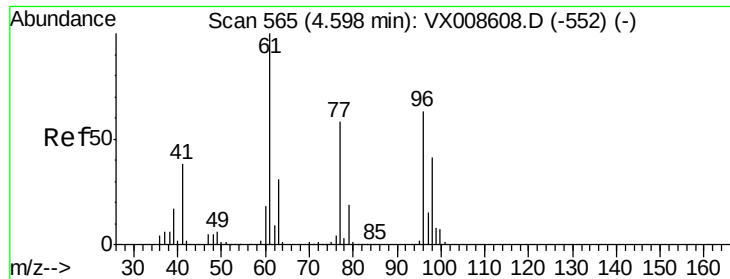
97 220.5 11.5 34.5#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



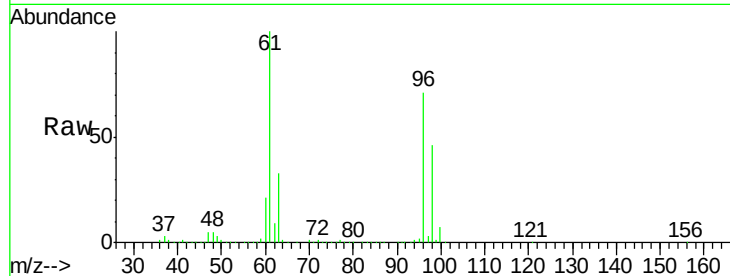


#27

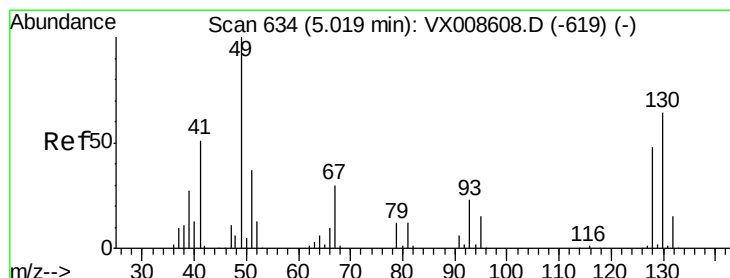
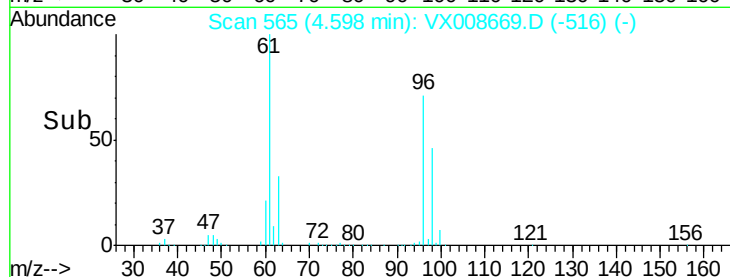
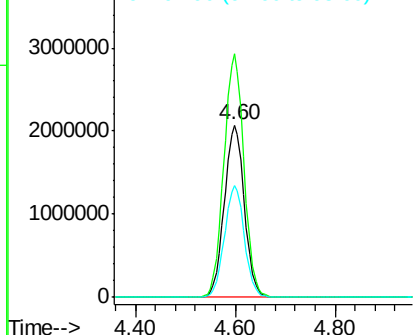
cis-1,2-Dichloroethene
 Concen: 2249.770 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MSD

Tgt Ion: 96 Resp: 5744980
 Ion Ratio Lower Upper
 96 100
 61 142.2 0.0 327.6
 98 64.7 0.0 128.6



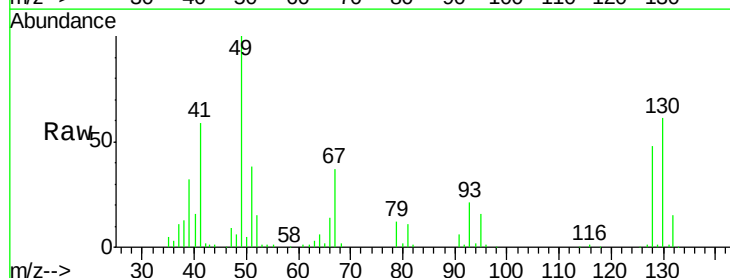
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



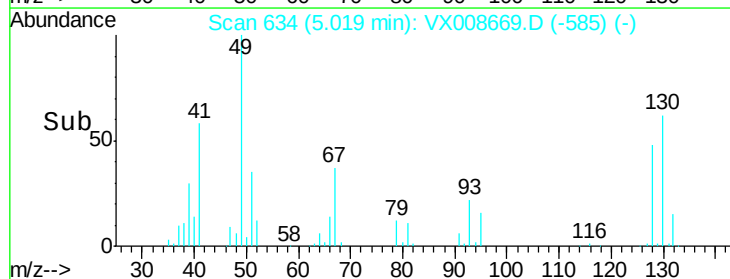
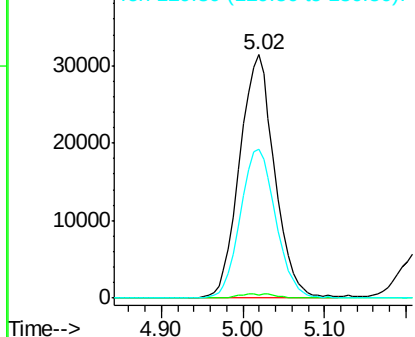
#28

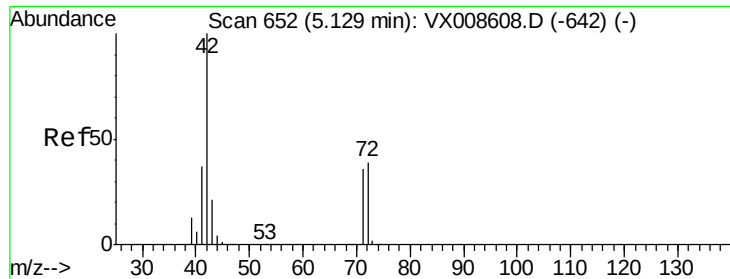
Bromochloromethane
 Concen: 49.961 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Tgt Ion: 49 Resp: 93622
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 3.6
 130 62.1 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

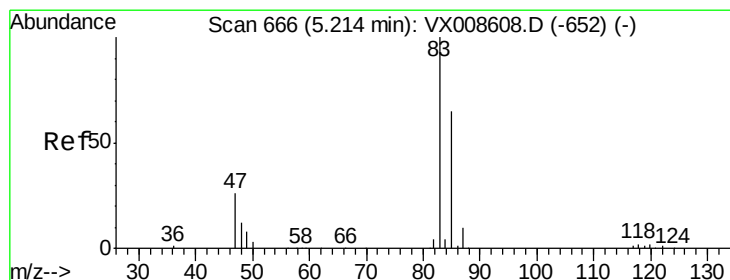
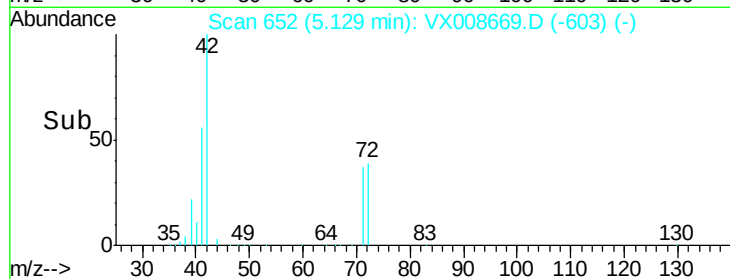
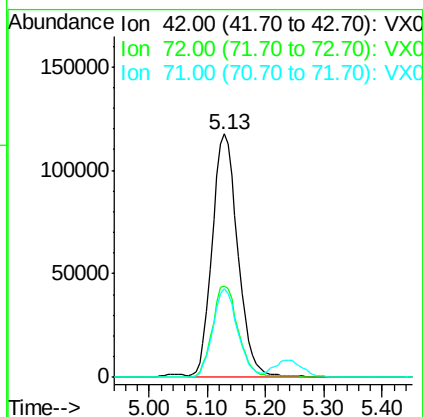
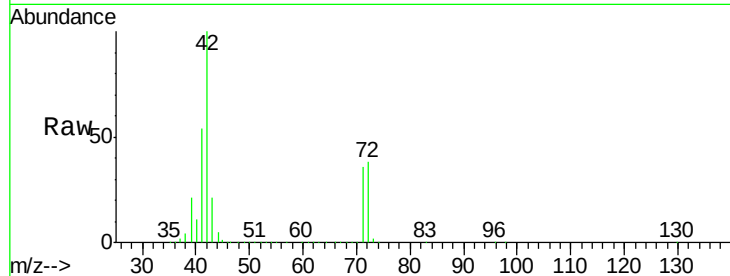




#29
Tetrahydrofuran
Concen: 229.157 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

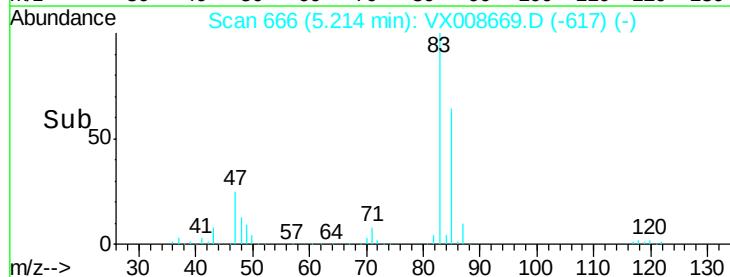
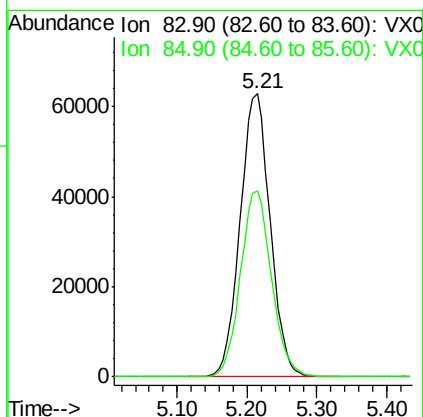
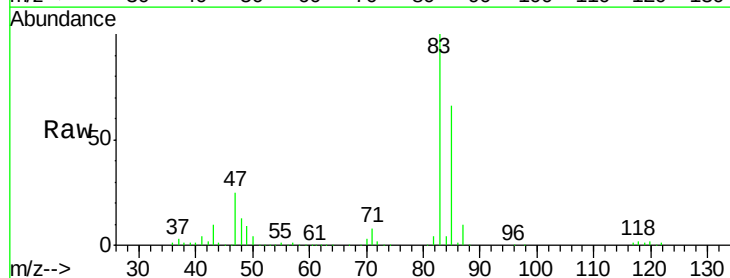
Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MSD

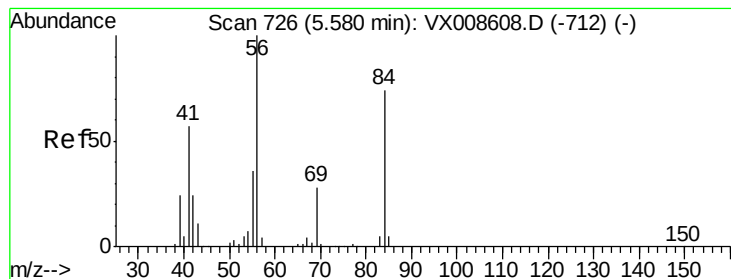
Tgt Ion: 42 Resp: 358691
Ion Ratio Lower Upper
42 100
72 38.6 30.5 45.7
71 35.2 28.6 43.0



#30
Chloroform
Concen: 46.854 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Tgt Ion: 83 Resp: 187722
Ion Ratio Lower Upper
83 100
85 65.6 52.1 78.1





#31

Cyclohexane

Concen: 48.625 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MSD

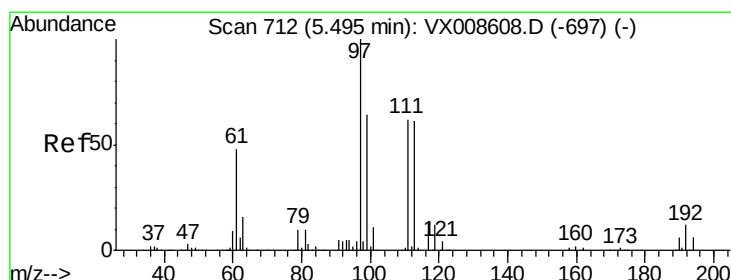
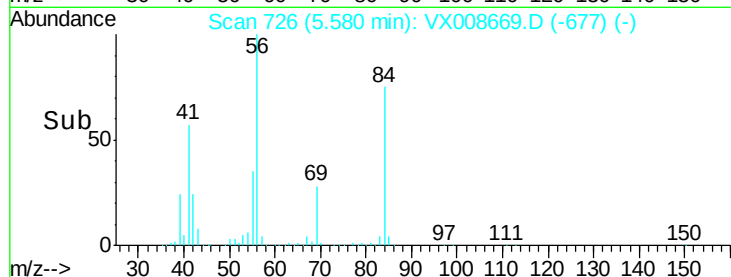
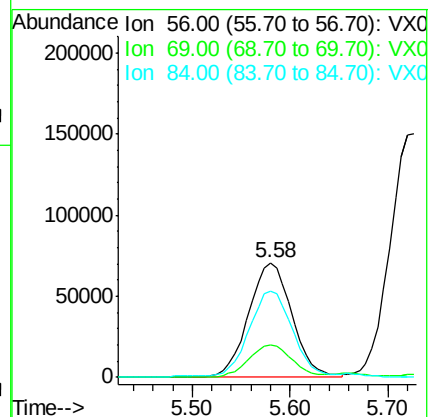
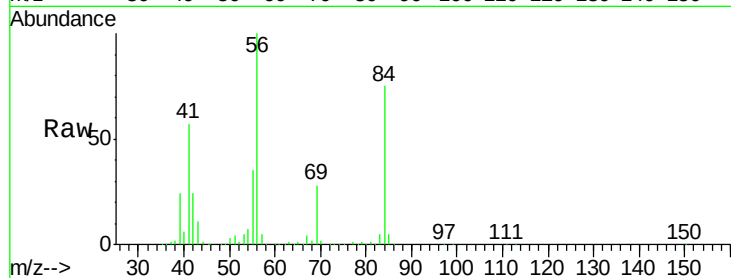
Tgt Ion: 56 Resp: 217642

Ion Ratio Lower Upper

56 100

69 28.2 22.6 33.8

84 73.8 59.3 88.9



#32

1,1,1-Trichloroethane

Concen: 61.761 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

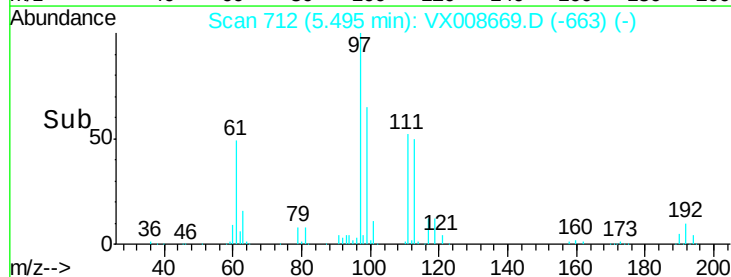
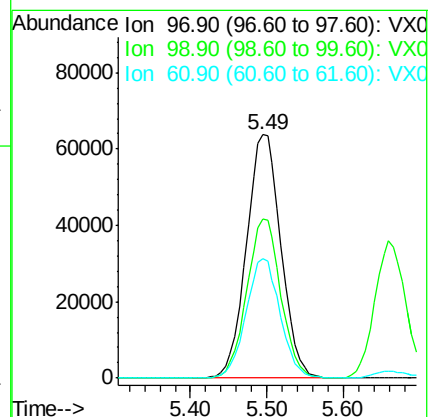
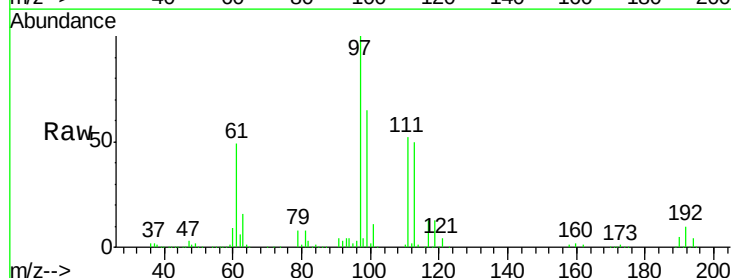
Tgt Ion: 97 Resp: 199960

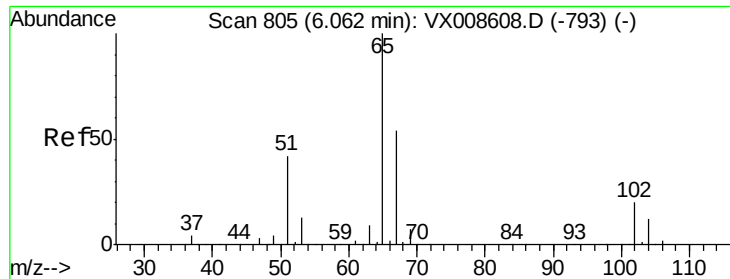
Ion Ratio Lower Upper

97 100

99 64.2 51.3 76.9

61 48.0 38.9 58.3

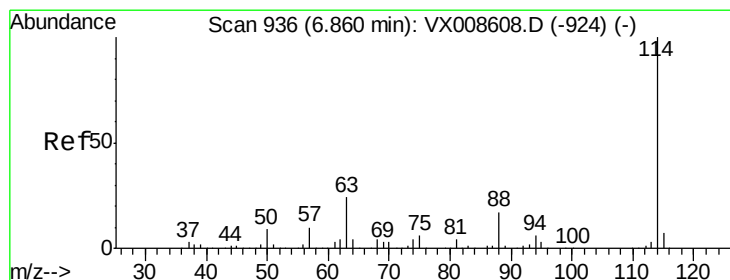
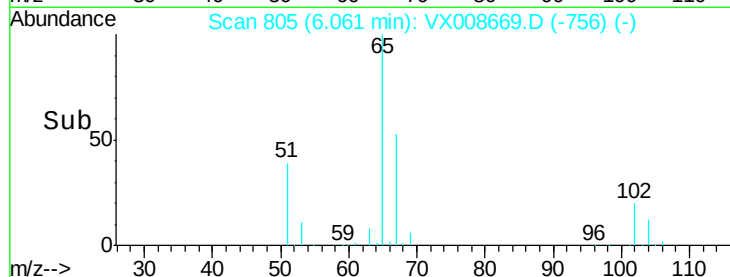
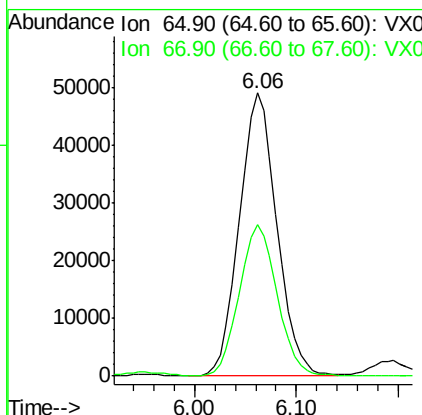
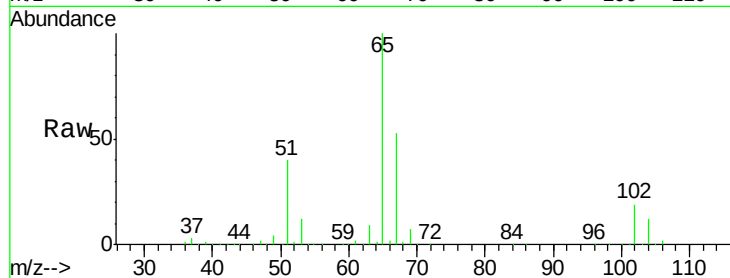




#33
 1,2-Dichloroethane-d4
 Concen: 48.270 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

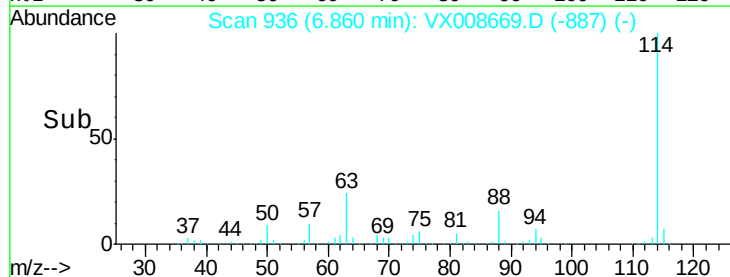
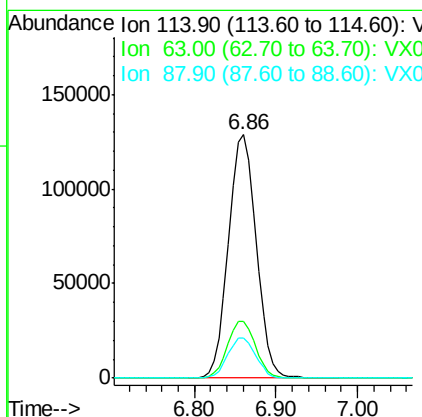
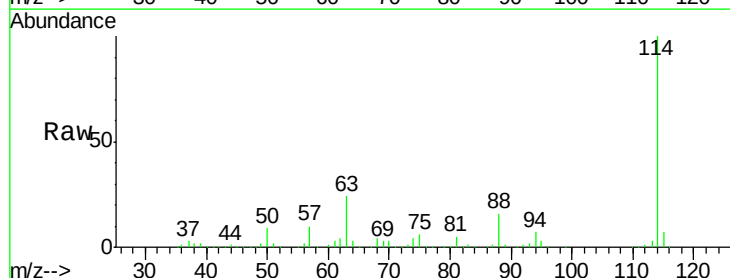
Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MSD

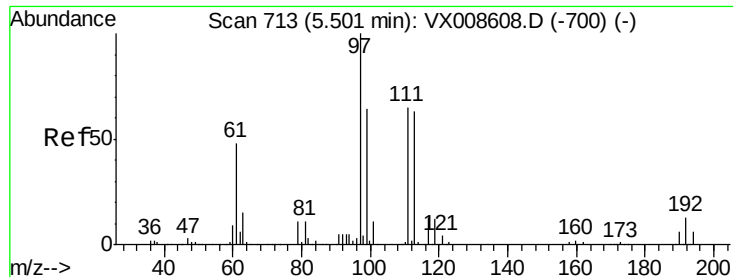
Tgt Ion: 65 Resp: 125048
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Tgt Ion: 114 Resp: 304007
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 47.2
 88 16.4 0.0 34.0





#35

Dibromofluoromethane

Concen: 48.410 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MSD

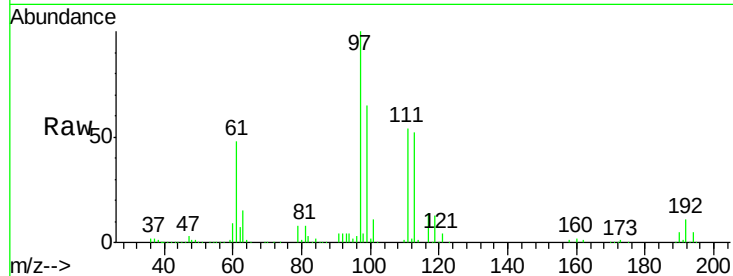
Tgt Ion:113 Resp: 94095

Ion Ratio Lower Upper

113 100

111 101.7 83.4 125.2

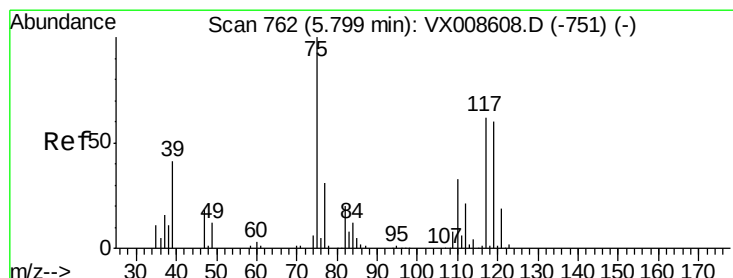
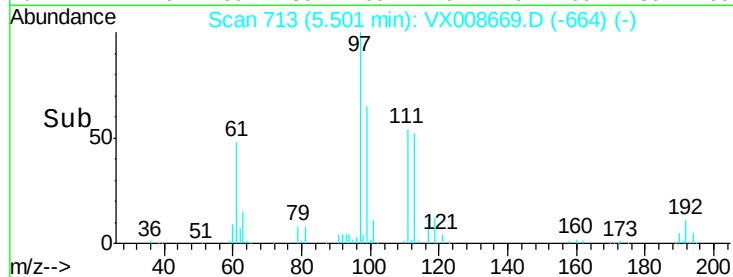
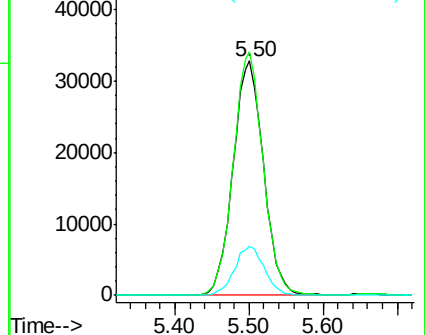
192 20.3 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 44.259 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

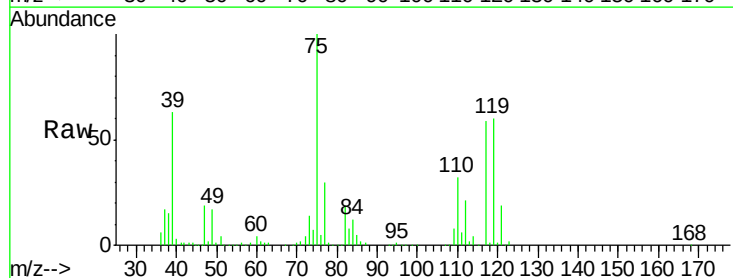
Tgt Ion: 75 Resp: 147076

Ion Ratio Lower Upper

75 100

110 32.8 16.4 49.2

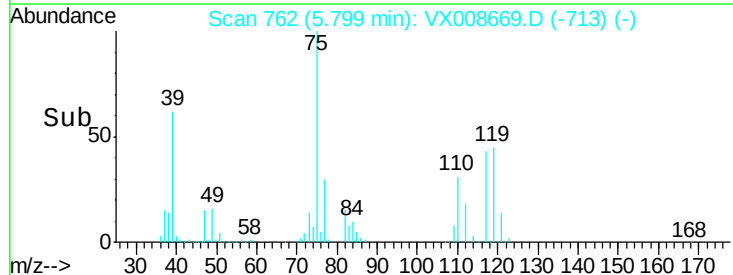
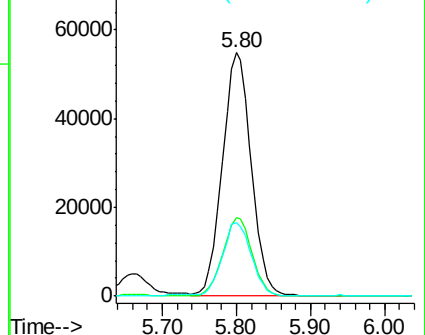
77 30.7 24.7 37.1

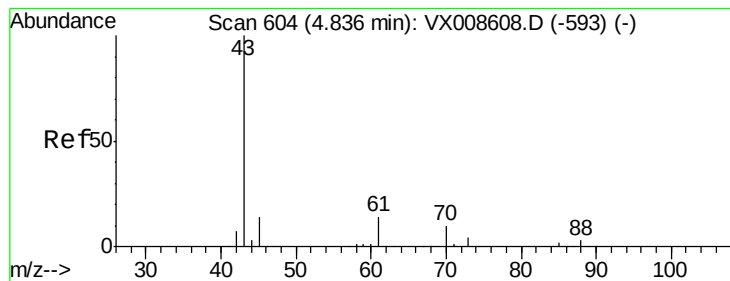


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 44.756 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MSD

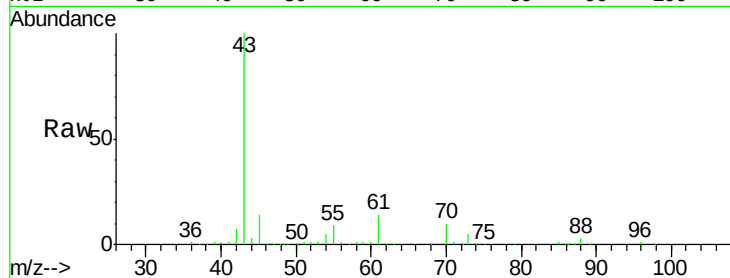
Tgt Ion: 43 Resp: 198521

Ion Ratio Lower Upper

43 100

61 0.0 10.3 15.5#

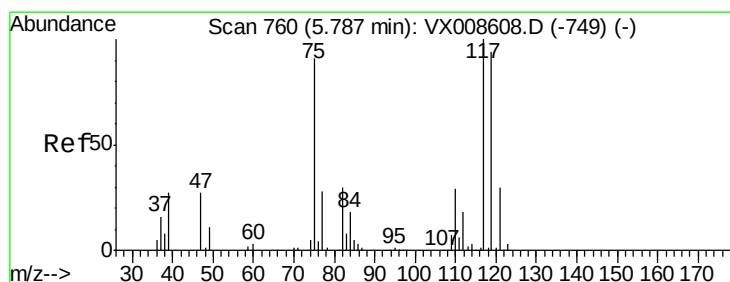
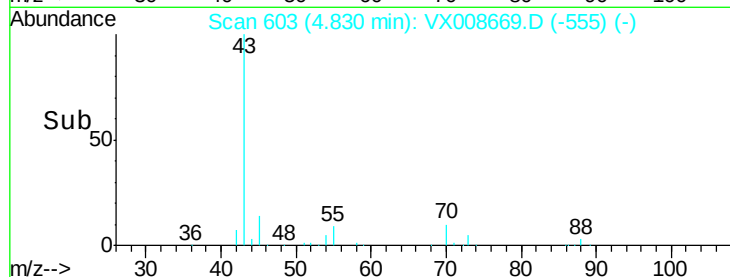
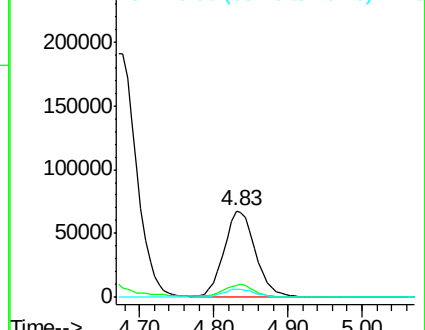
70 9.7 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 46.347 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

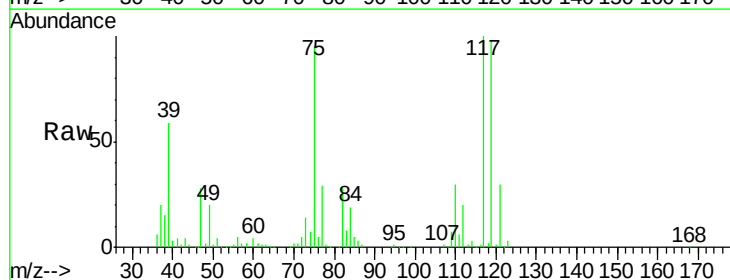
Tgt Ion: 117 Resp: 127474

Ion Ratio Lower Upper

117 100

119 98.3 75.0 112.6

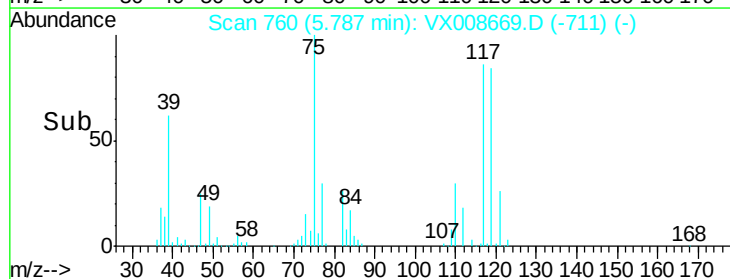
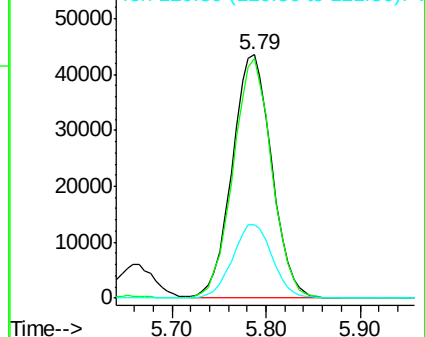
121 30.0 24.3 36.5

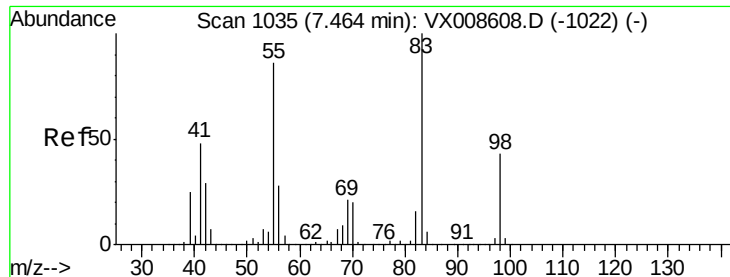


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

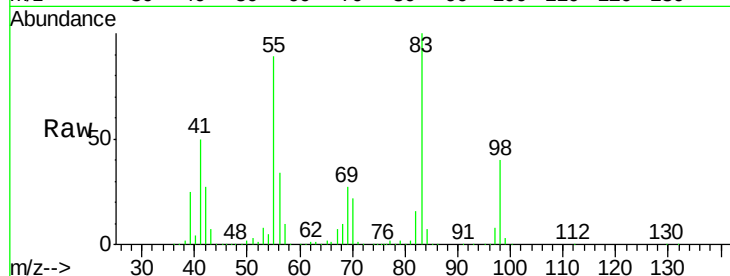




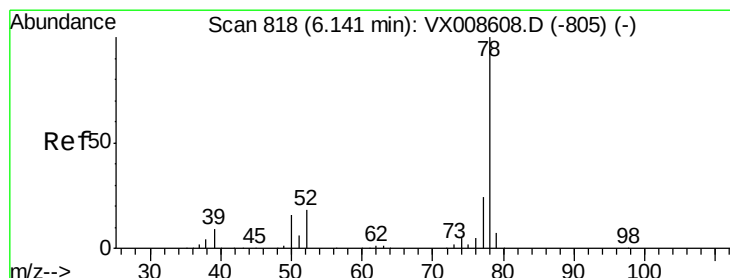
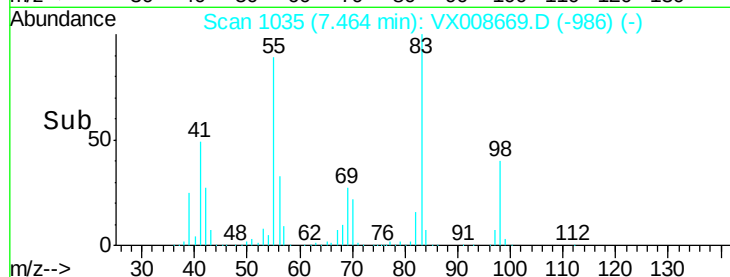
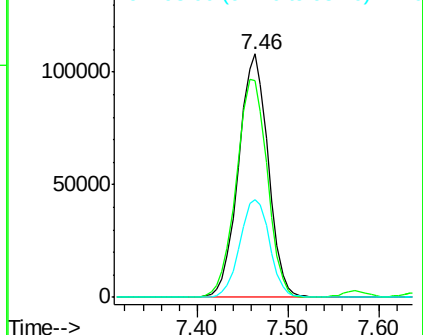
#39
Methylcyclohexane
Concen: 59.378 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MSD

Tgt Ion: 83 Resp: 243753
Ion Ratio Lower Upper
83 100
55 89.1 69.0 103.6
98 40.0 34.4 51.6

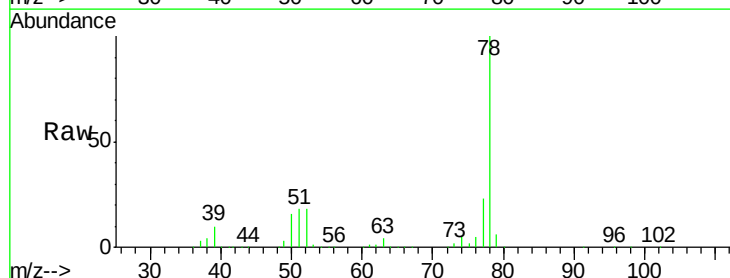


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

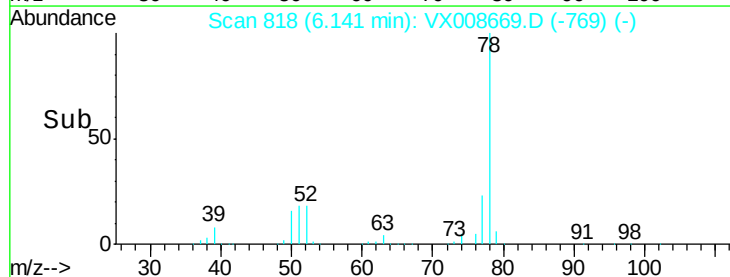
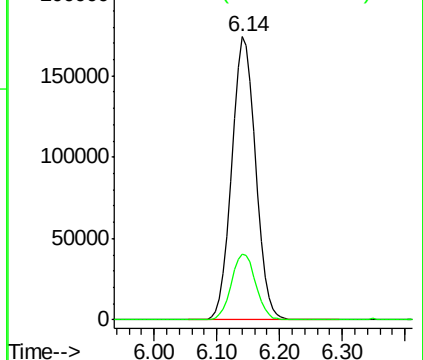


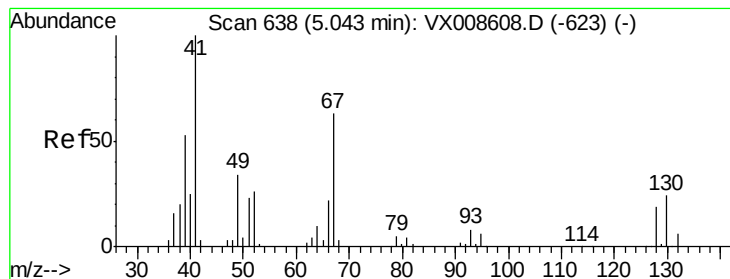
#40
Benzene
Concen: 46.329 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Tgt Ion: 78 Resp: 458656
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7



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





#41

Methacrylonitrile

Concen: 46.108 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MSD

Tgt Ion: 41 Resp: 117558

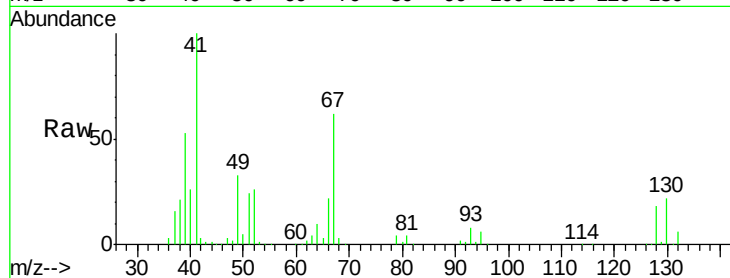
Ion Ratio Lower Upper

41 100

39 52.7 42.1 63.1

67 63.5 51.0 76.6

52 25.5 21.4 32.0

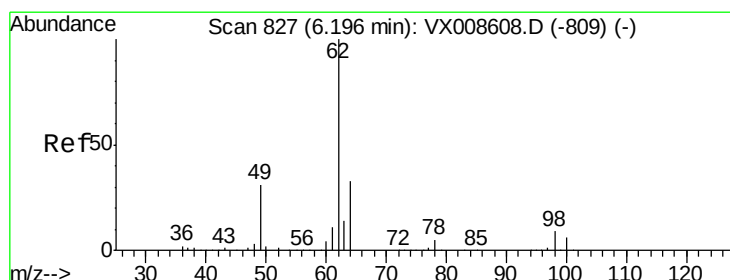
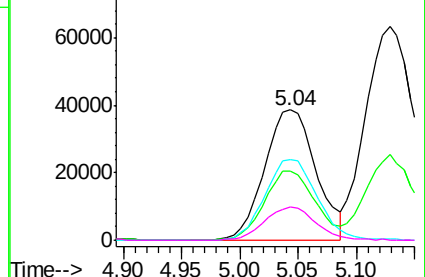
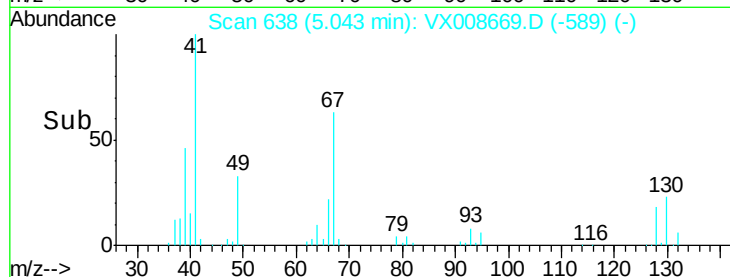


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 45.273 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX008669.D

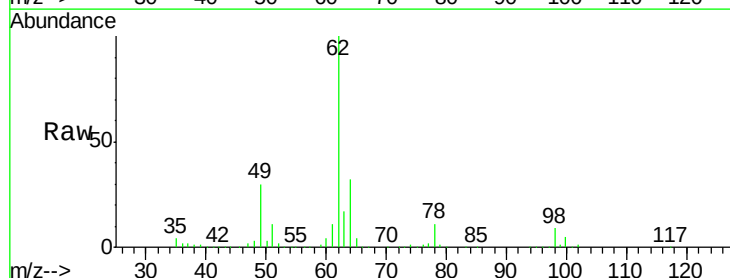
Acq: 05 Apr 2019 04:55

Tgt Ion: 62 Resp: 160681

Ion Ratio Lower Upper

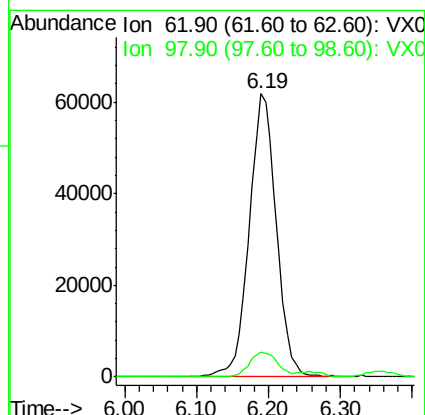
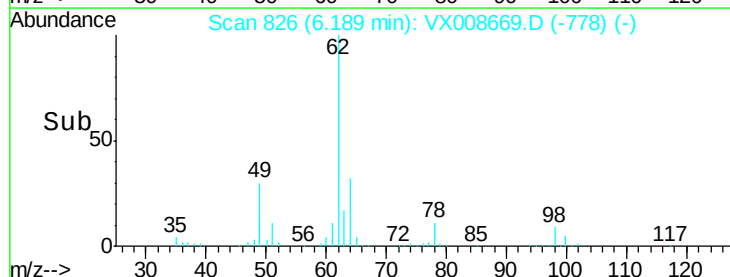
62 100

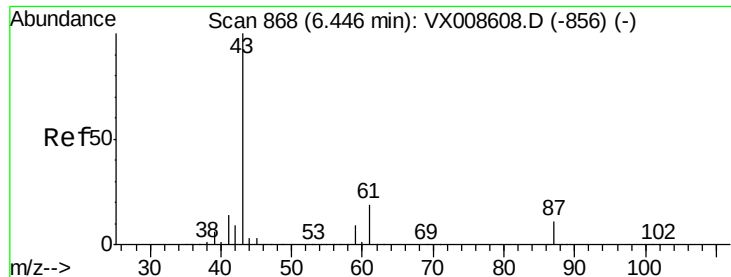
98 9.3 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 46.970 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MSD

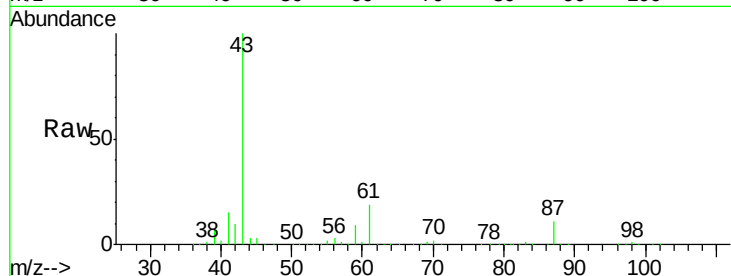
Tgt Ion: 43 Resp: 326370

Ion Ratio Lower Upper

43 100

61 19.0 15.3 22.9

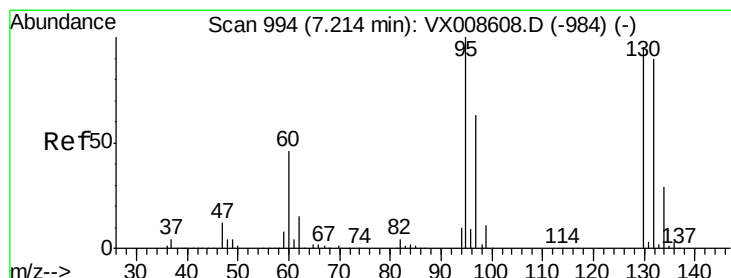
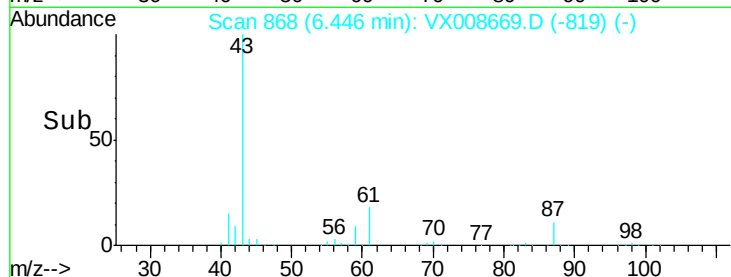
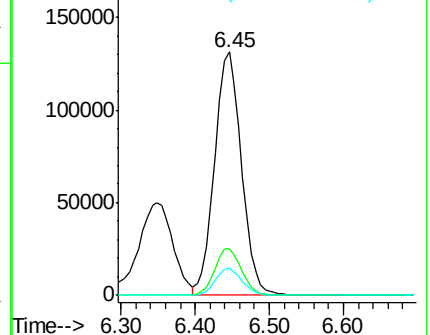
87 11.2 9.0 13.6



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: 757.487 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008669.D

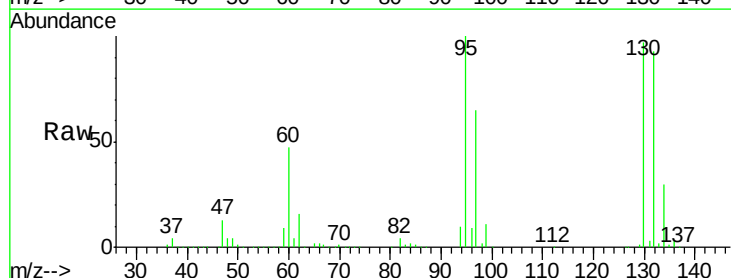
Acq: 05 Apr 2019 04:55

Tgt Ion: 130 Resp: 1746580

Ion Ratio Lower Upper

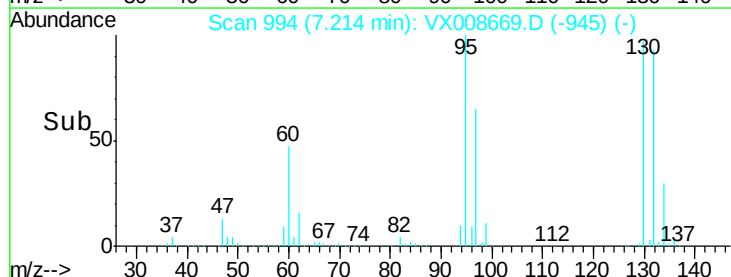
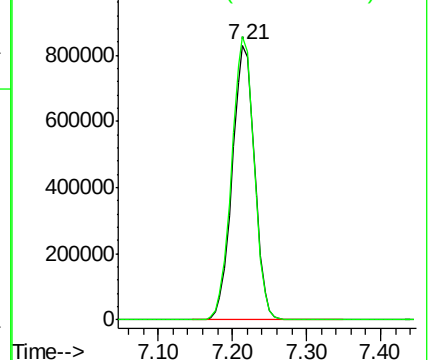
130 100

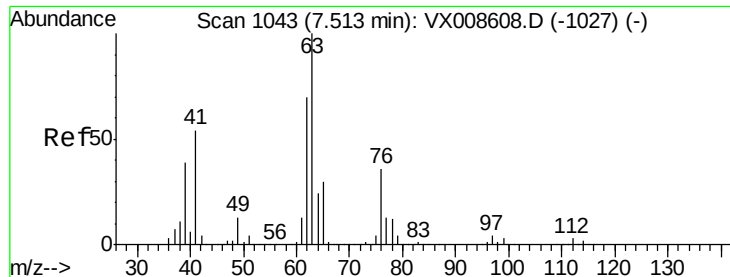
95 103.0 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

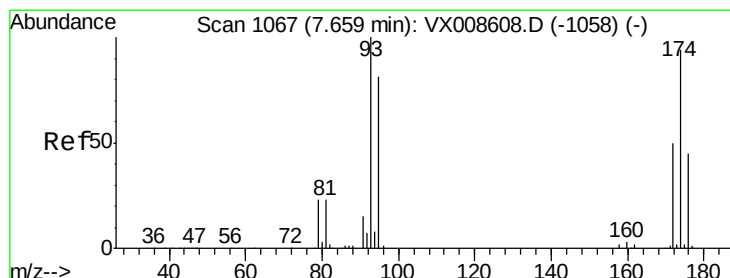
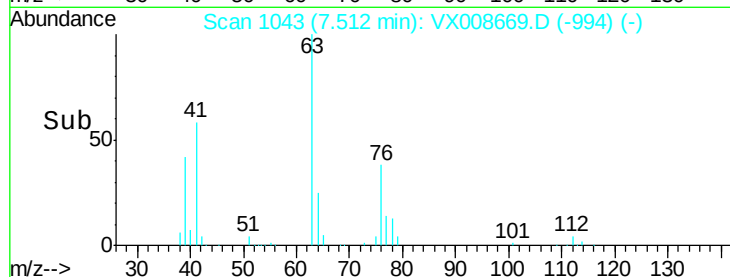
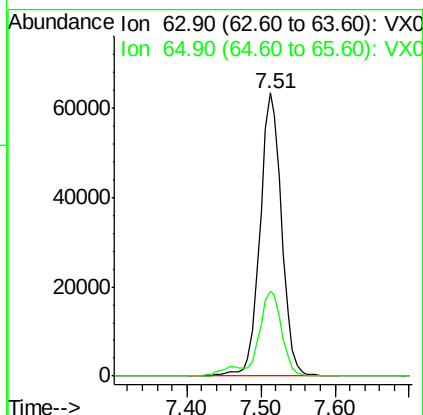
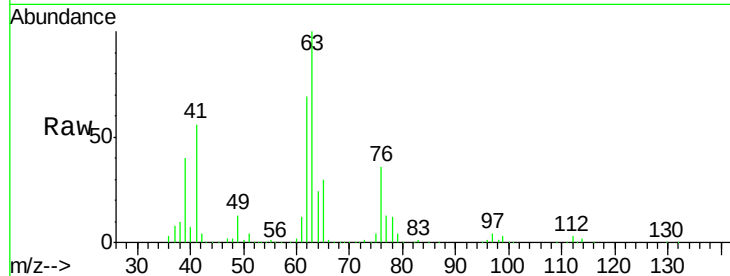




#45
 1,2-Dichloropropane
 Concen: 45.741 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

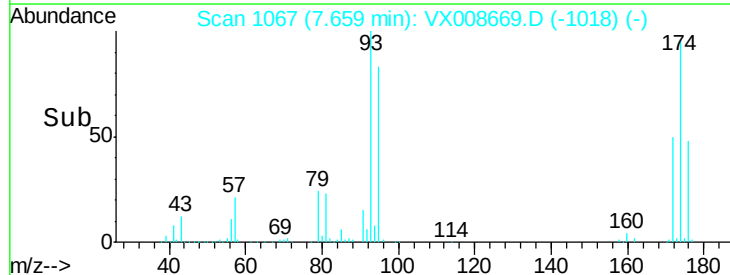
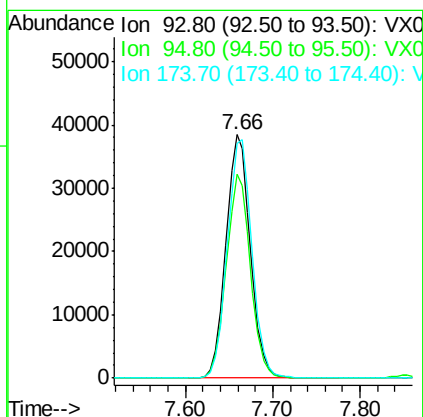
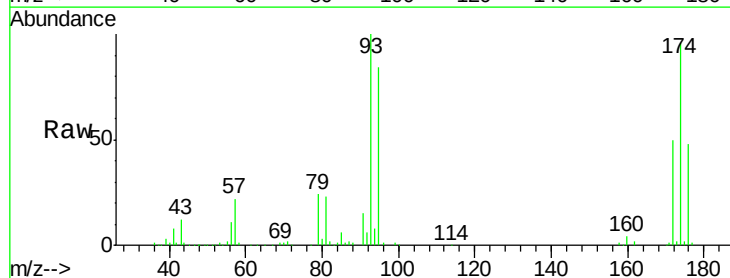
Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MSD

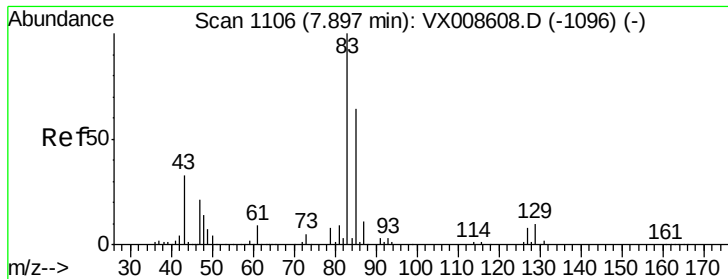
Tgt Ion: 63 Resp: 129250
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.2 36.4



#46
 Dibromomethane
 Concen: 45.186 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Tgt Ion: 93 Resp: 74053
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.6 99.8
 174 99.4 77.7 116.5





#47

Bromodichloromethane

Concen: 48.717 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MSD

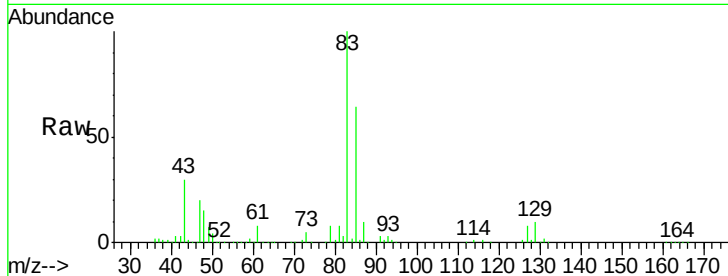
Tgt Ion: 83 Resp: 150538

Ion Ratio Lower Upper

83 100

85 64.5 51.2 76.8

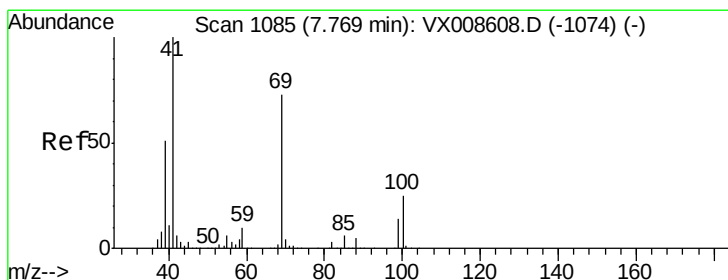
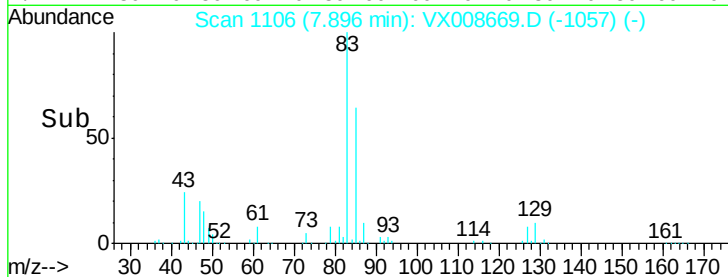
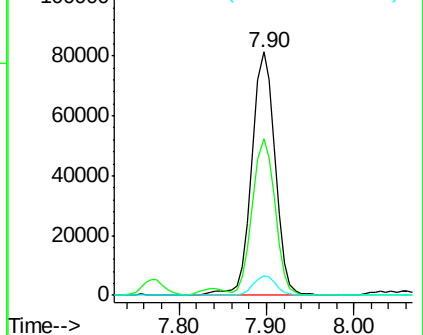
127 8.1 6.6 10.0



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: 47.038 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

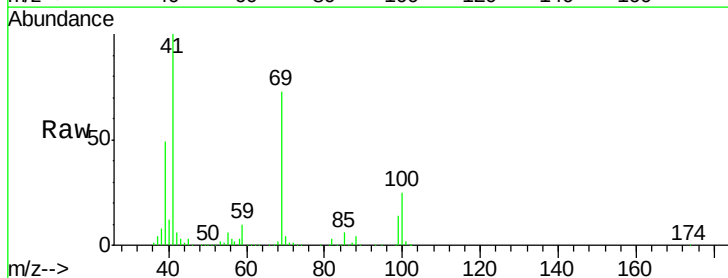
Tgt Ion: 41 Resp: 165333

Ion Ratio Lower Upper

41 100

69 76.2 59.0 88.4

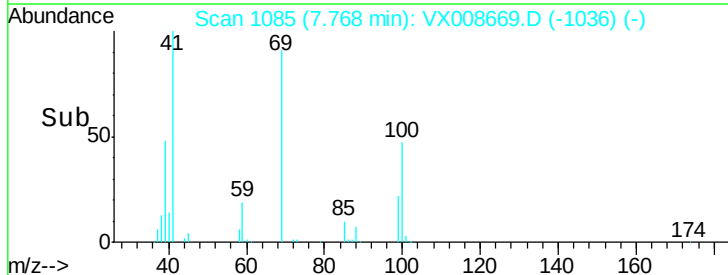
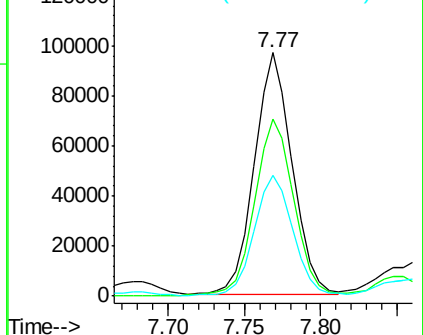
39 50.6 41.0 61.4

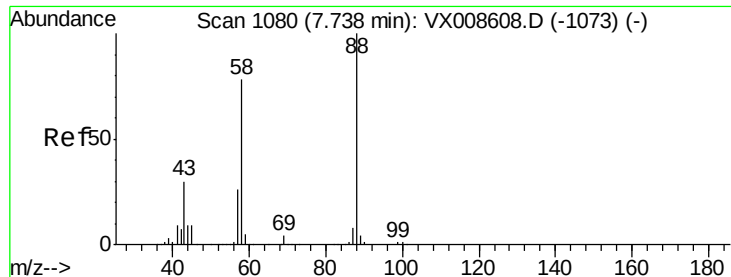


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 820.916 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MSD

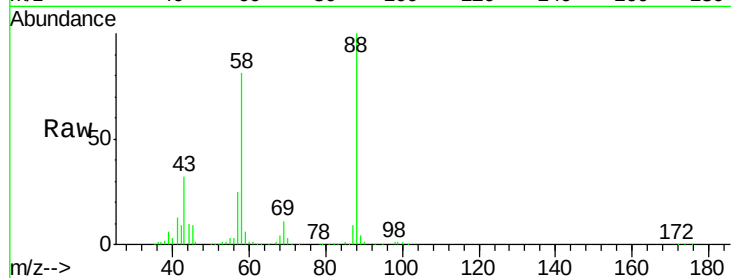
Tgt Ion: 88 Resp: 54052

Ion Ratio Lower Upper

88 100

43 33.9 28.6 43.0

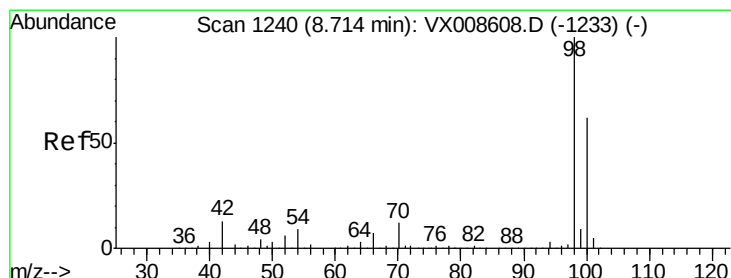
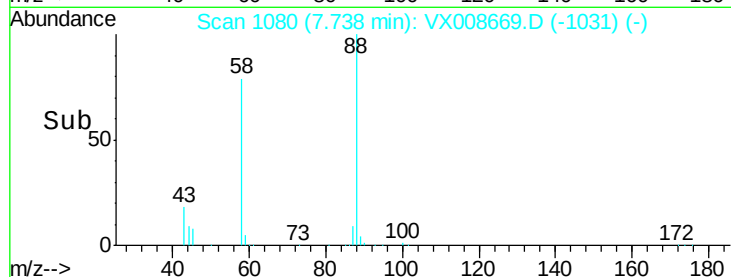
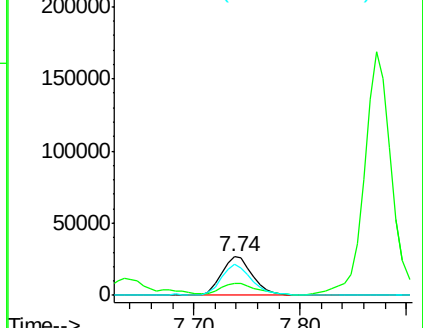
58 76.5 62.2 93.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.812 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008669.D

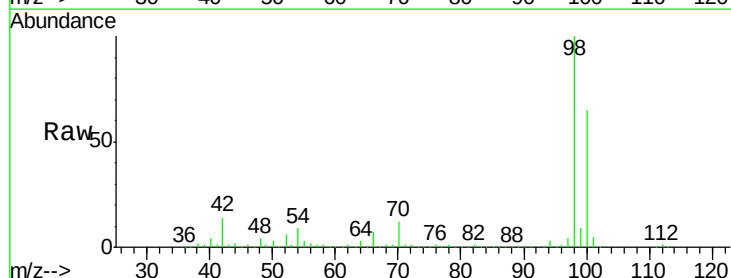
Acq: 05 Apr 2019 04:55

Tgt Ion: 98 Resp: 377769

Ion Ratio Lower Upper

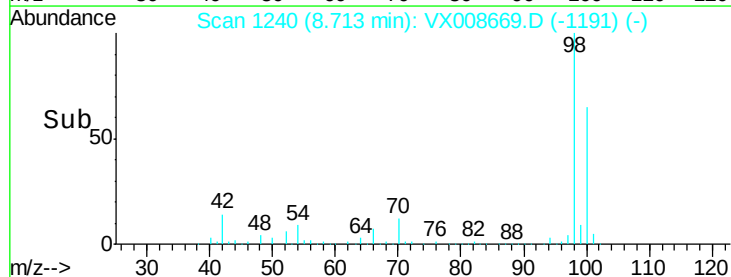
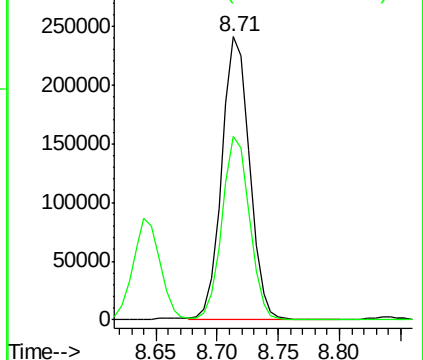
98 100

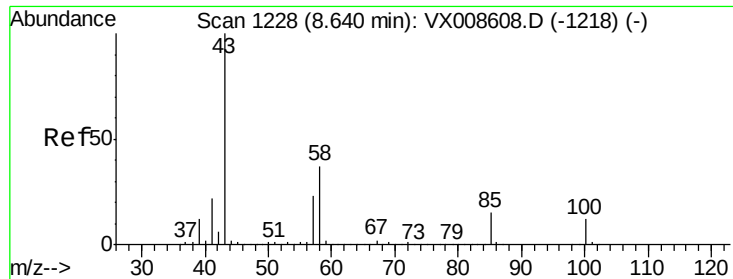
100 64.6 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 247.206 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

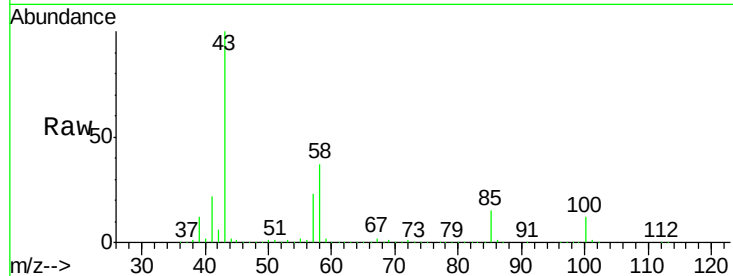
ST006RW149-190402MSD

Tgt Ion: 43 Resp: 1105745

Ion Ratio Lower Upper

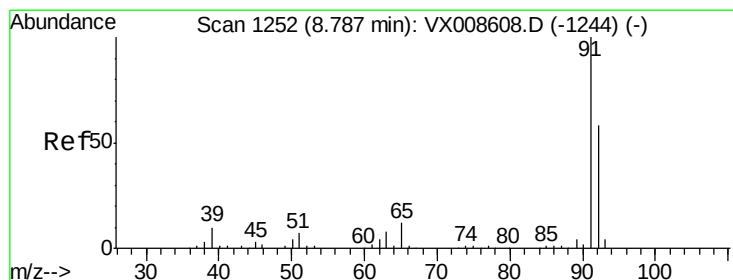
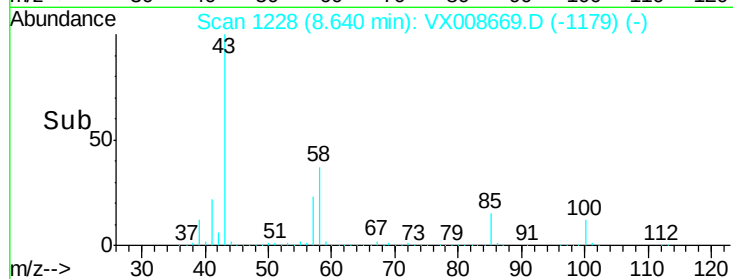
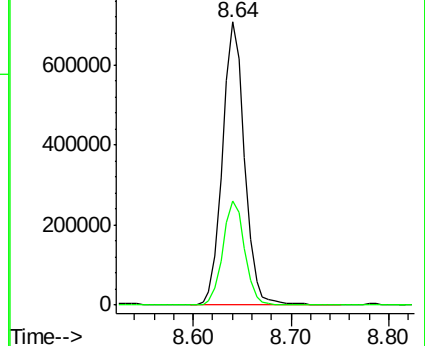
43 100

58 36.6 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 46.778 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008669.D

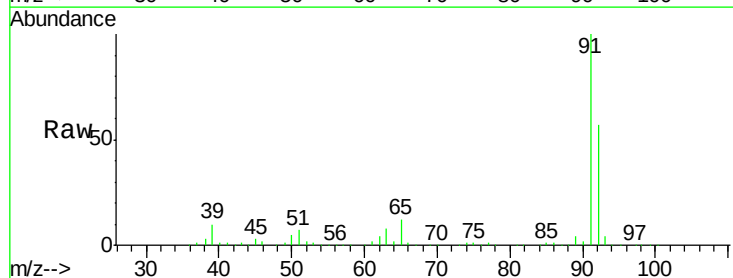
Acq: 05 Apr 2019 04:55

Tgt Ion: 92 Resp: 273021

Ion Ratio Lower Upper

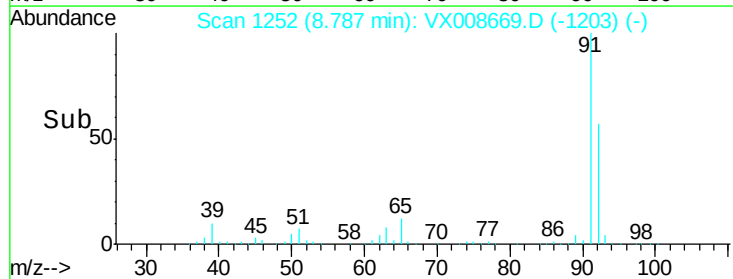
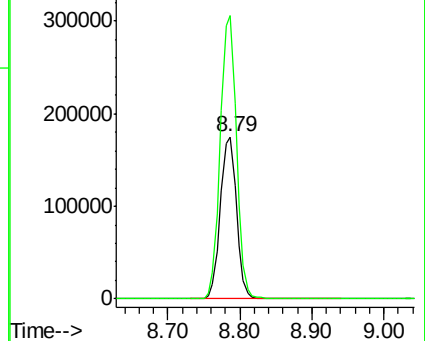
92 100

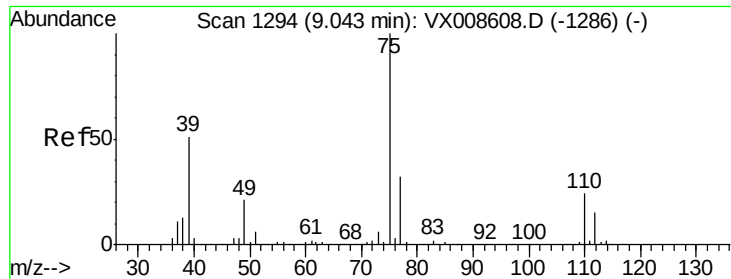
91 174.7 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 47.571 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

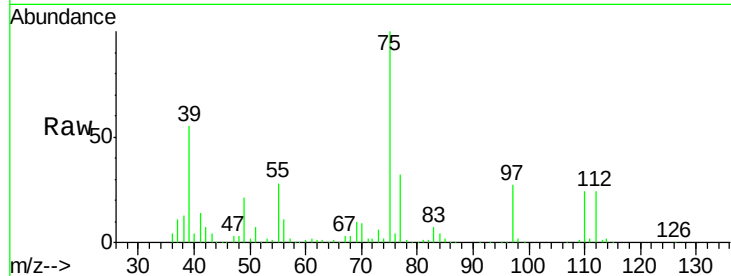
ST006RW149-190402MSD

Tgt Ion: 75 Resp: 164659

Ion Ratio Lower Upper

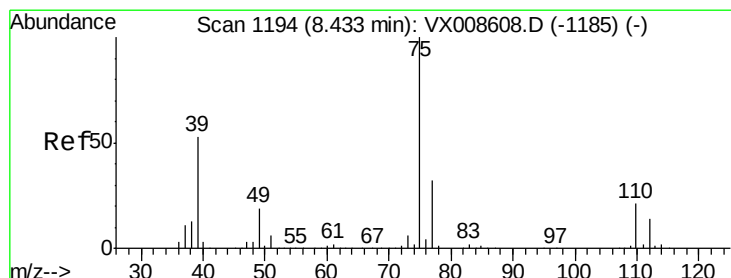
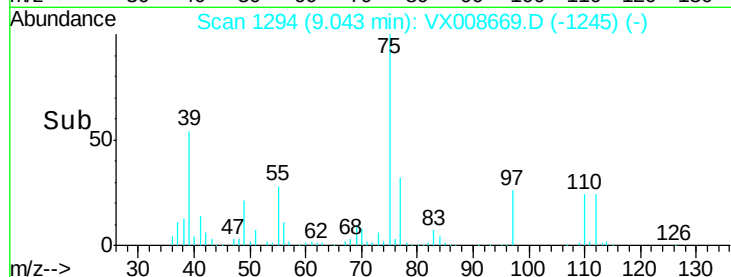
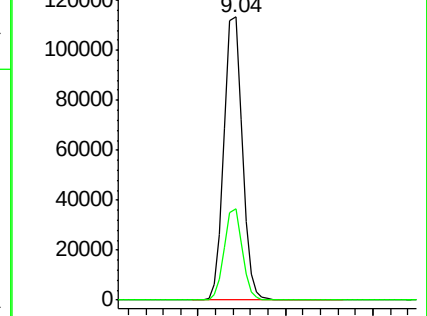
75 100

77 32.0 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 45.492 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

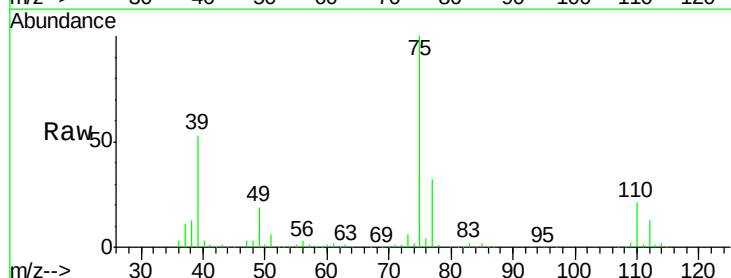
Tgt Ion: 75 Resp: 179925

Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9

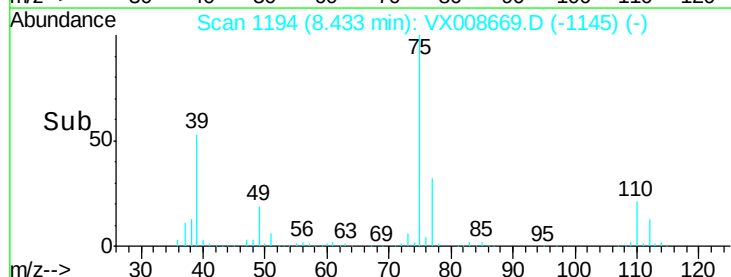
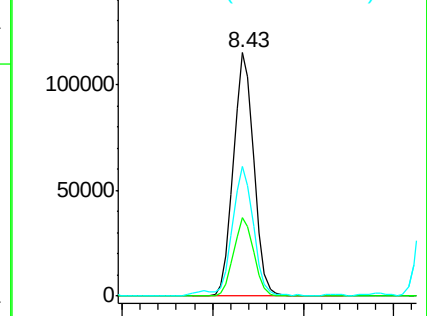
39 52.9 42.6 63.8

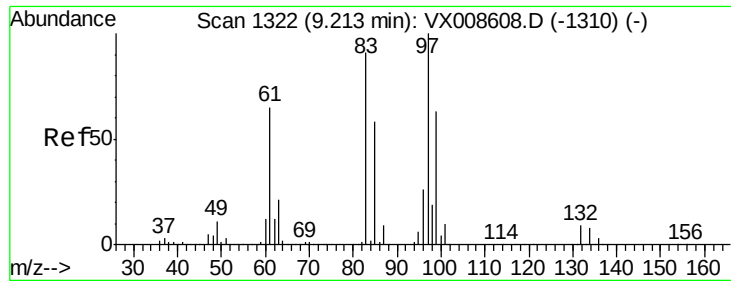


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 46.150 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MSD

Tgt Ion: 97 Resp: 108120

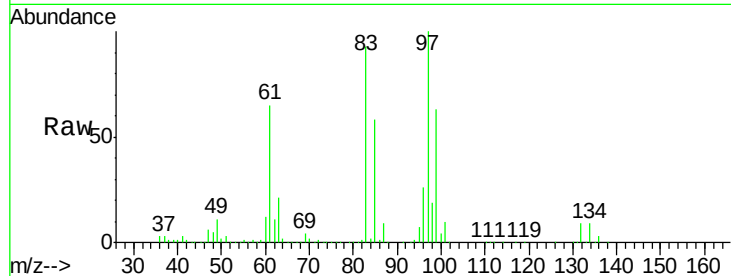
Ion Ratio Lower Upper

97 100

83 92.7 73.2 109.8

85 55.1 46.6 69.8

99 62.7 50.1 75.1

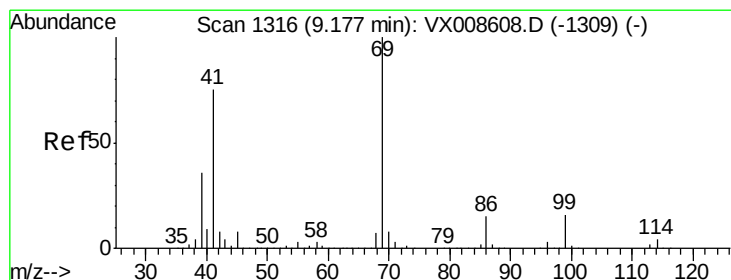
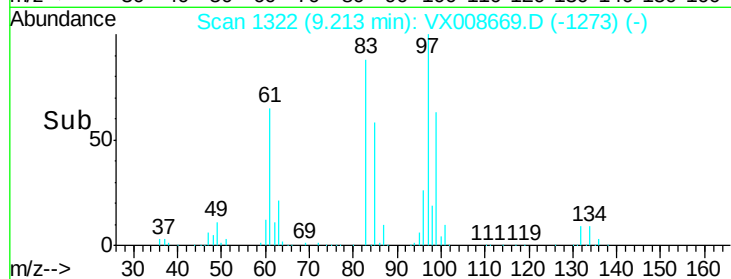
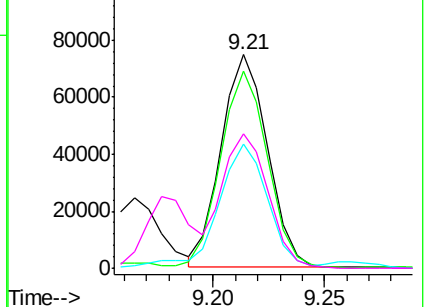


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 51.898 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

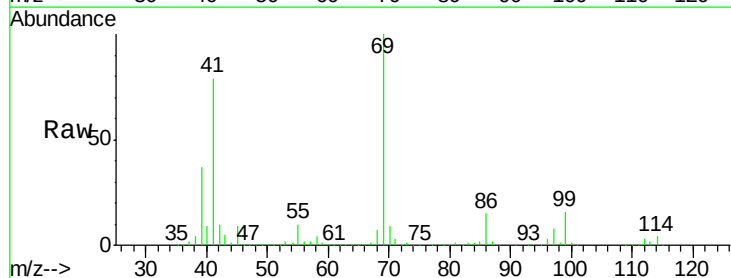
Tgt Ion: 69 Resp: 219990

Ion Ratio Lower Upper

69 100

41 79.9 60.1 90.1

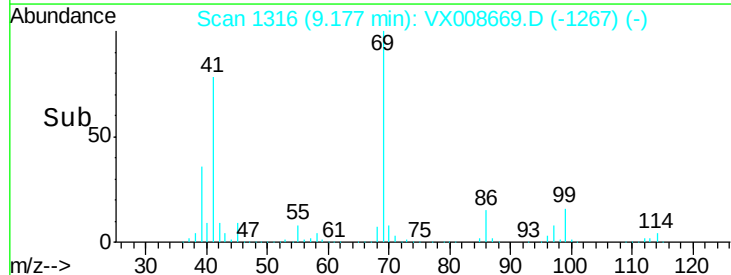
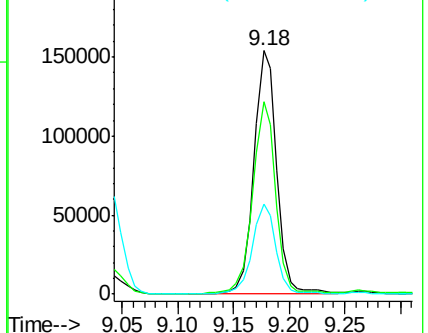
39 38.0 28.9 43.3

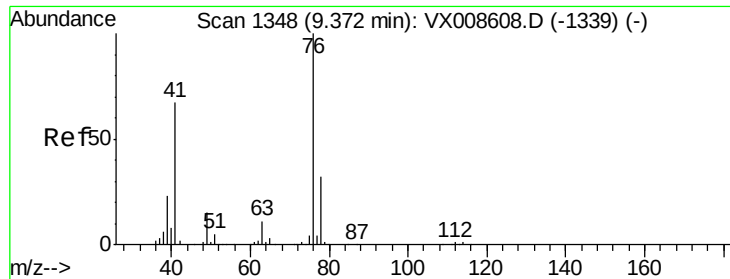


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

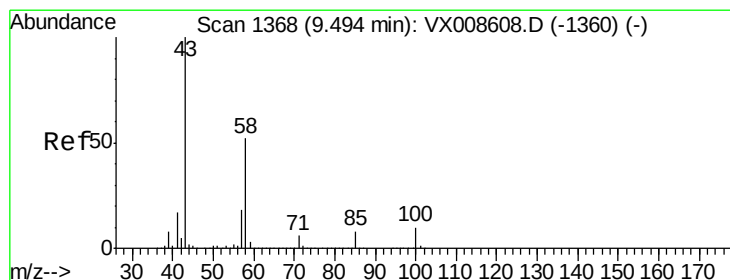
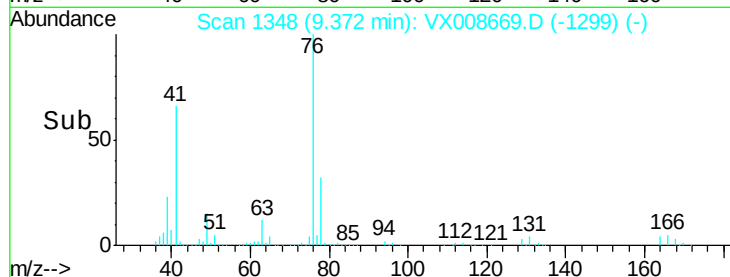
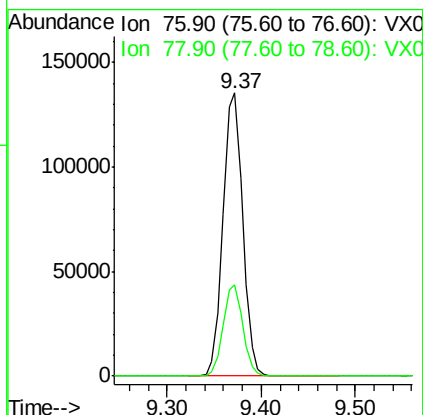
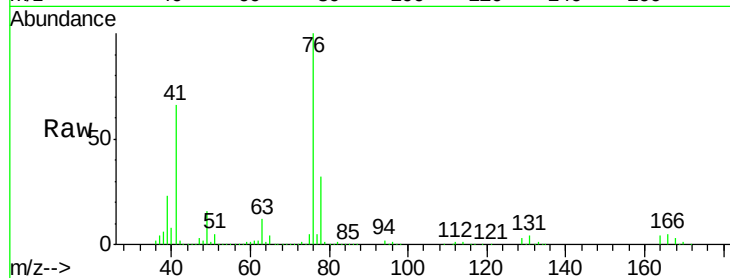




#57
 1,3-Dichloropropane
 Concen: 46.833 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

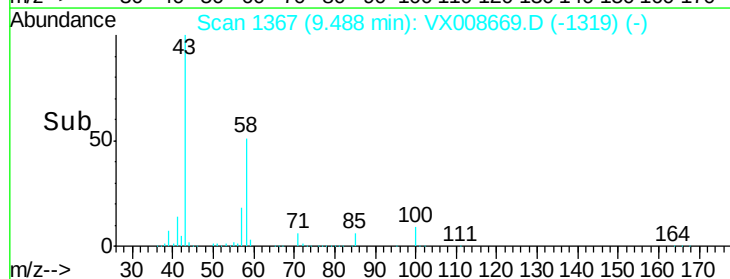
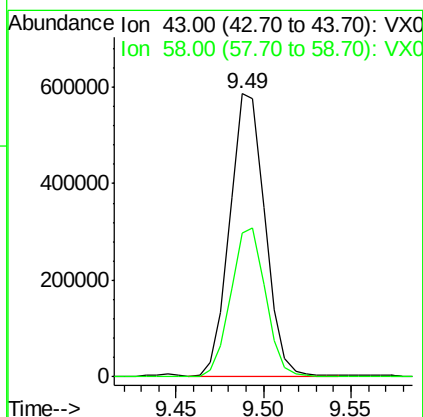
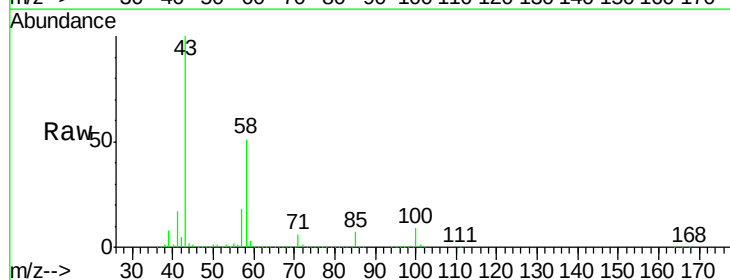
Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MSD

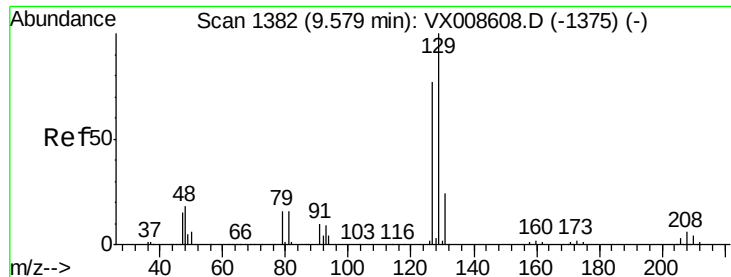
Tgt Ion: 76 Resp: 197023
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.6 38.4



#59
 2-Hexanone
 Concen: 234.032 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Tgt Ion: 43 Resp: 813533
 Ion Ratio Lower Upper
 43 100
 58 53.0 25.9 77.7





#60

Dibromochloromethane

Concen: 49.375 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

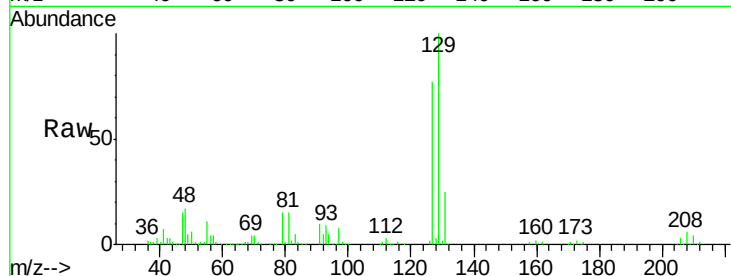
ST006RW149-190402MSD

Tgt Ion:129 Resp: 109004

Ion Ratio Lower Upper

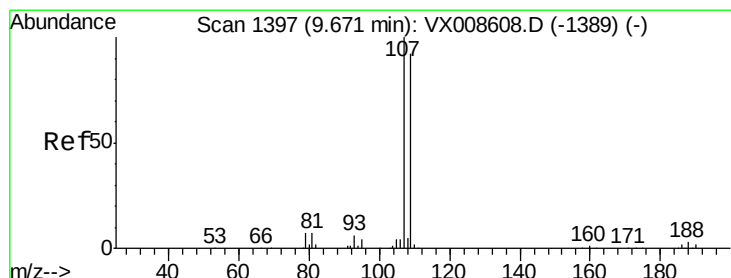
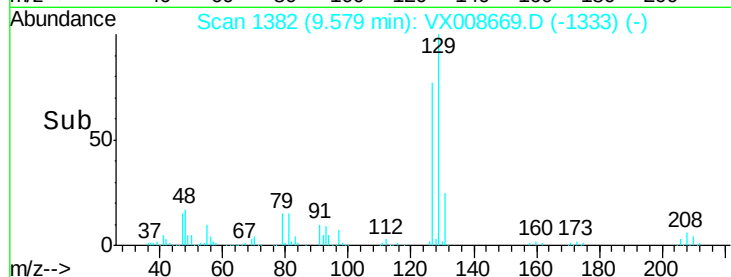
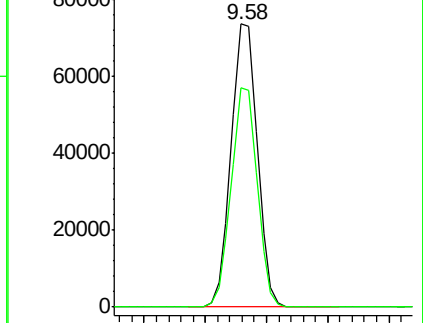
129 100

127 76.8 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: 46.676 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008669.D

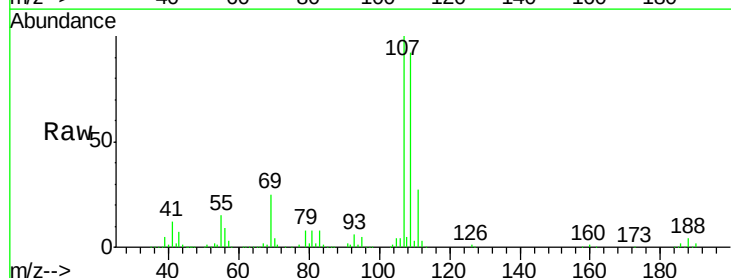
Acq: 05 Apr 2019 04:55

Tgt Ion:107 Resp: 113840

Ion Ratio Lower Upper

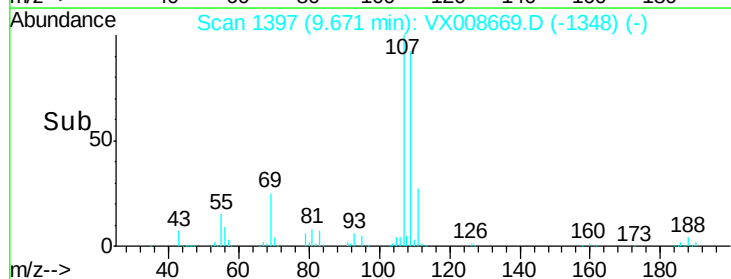
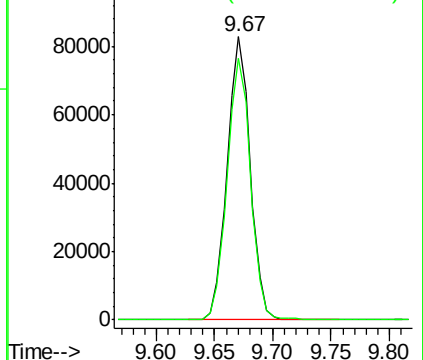
107 100

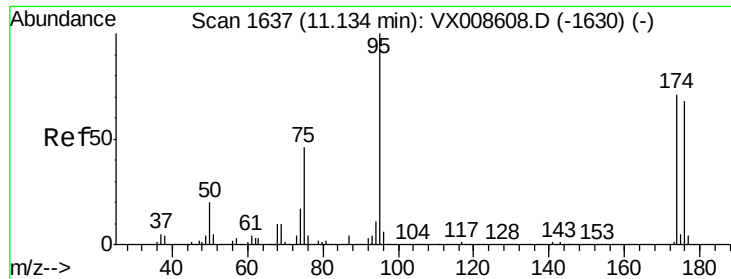
109 94.3 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 50.560 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MSD

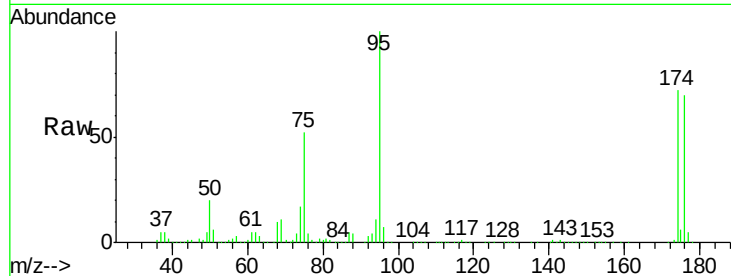
Tgt Ion: 95 Resp: 138762

Ion Ratio Lower Upper

95 100

174 76.9 0.0 151.8

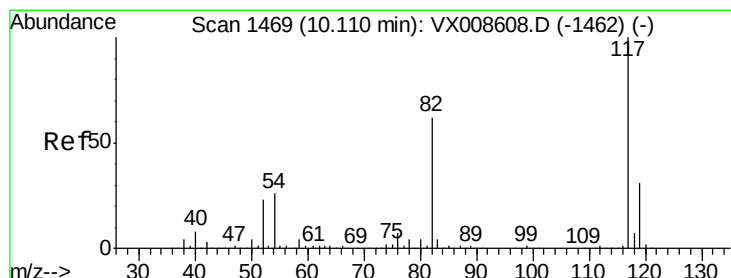
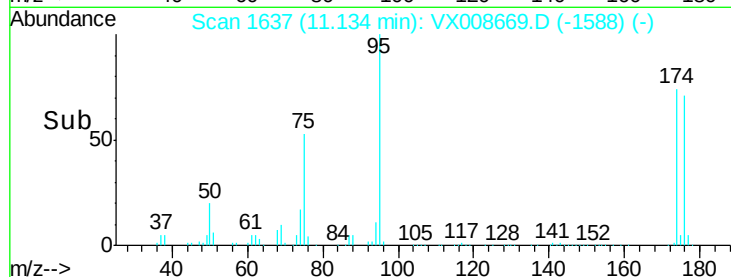
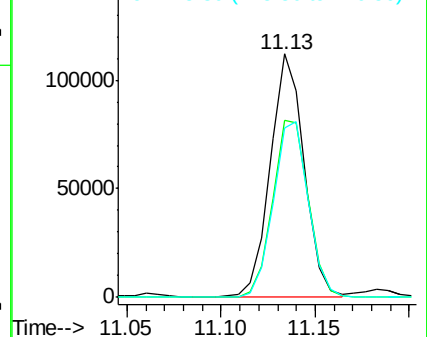
176 75.1 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008669.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008669.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008669.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

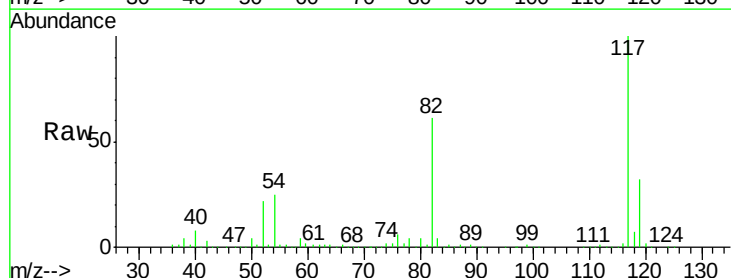
Tgt Ion: 117 Resp: 276434

Ion Ratio Lower Upper

117 100

82 60.6 49.6 74.4

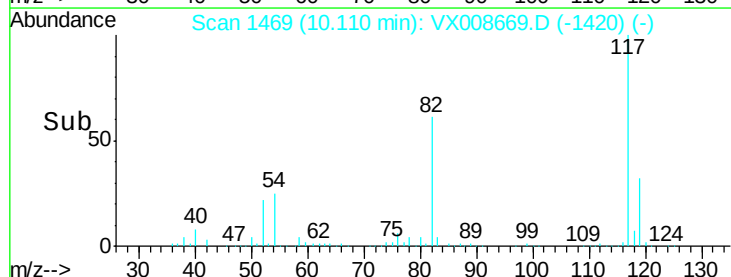
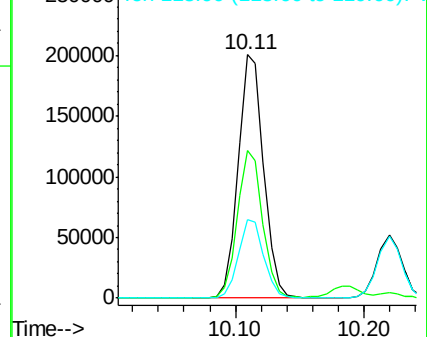
119 32.0 25.0 37.4

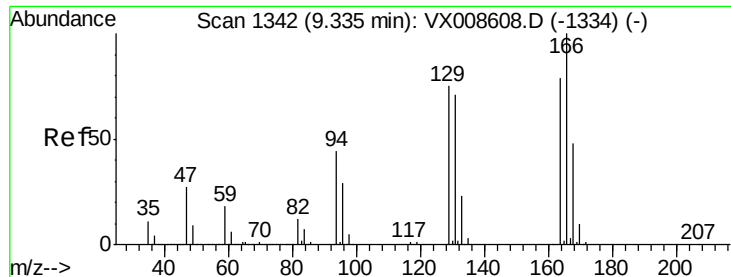


Abundance Ion 116.90 (116.60 to 117.60): VX008669.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008669.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008669.D (-1420) (-)





#64

Tetrachloroethene

Concen: 1012.756 ug/l

RT: 9.34 min Scan# 1343

Delta R.T. 0.01 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MSD

Tgt Ion:164 Resp: 2074211

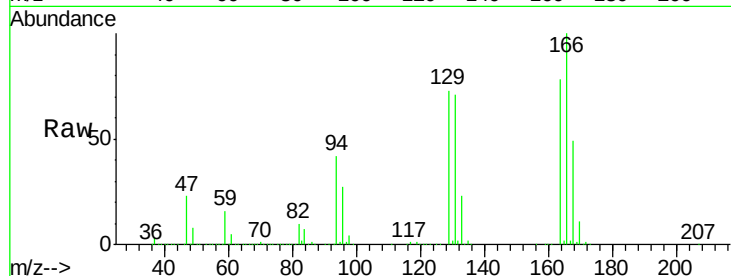
Ion Ratio Lower Upper

164 100

166 127.6 101.0 151.6

129 93.0 75.8 113.8

131 90.2 71.8 107.8

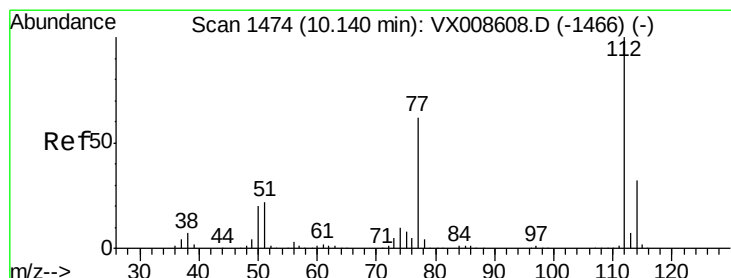
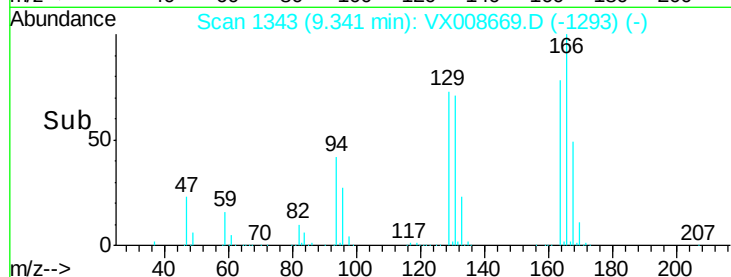
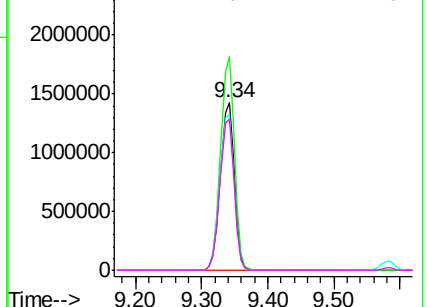


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 46.915 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008669.D

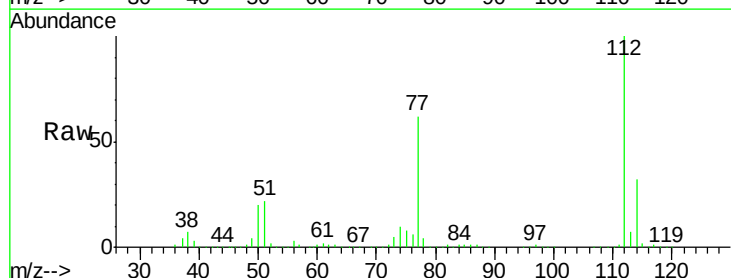
Acq: 05 Apr 2019 04:55

Tgt Ion:112 Resp: 287480

Ion Ratio Lower Upper

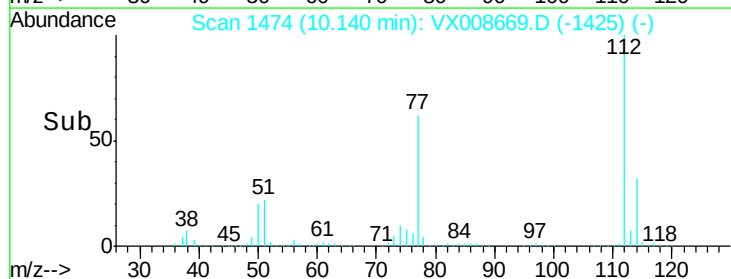
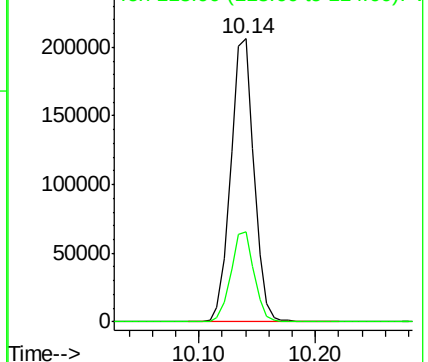
112 100

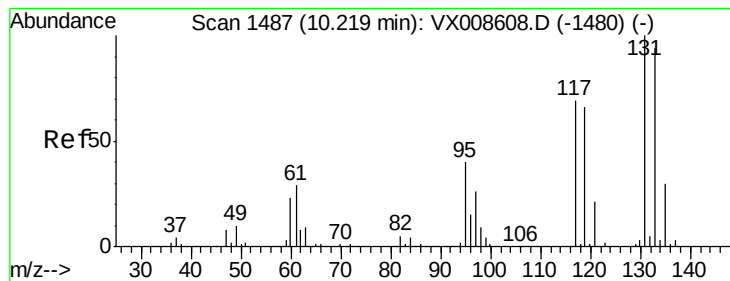
114 31.8 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 46.727 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MSD

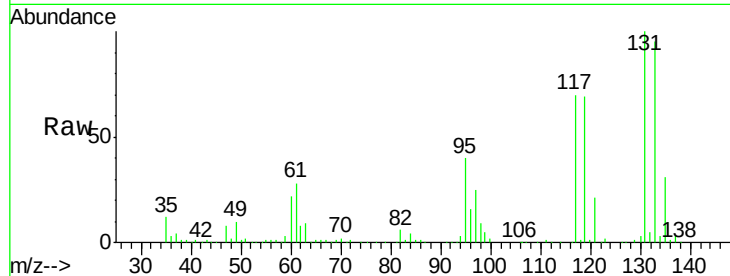
Tgt Ion: 131 Resp: 100450

Ion Ratio Lower Upper

131 100

133 95.2 47.0 141.2

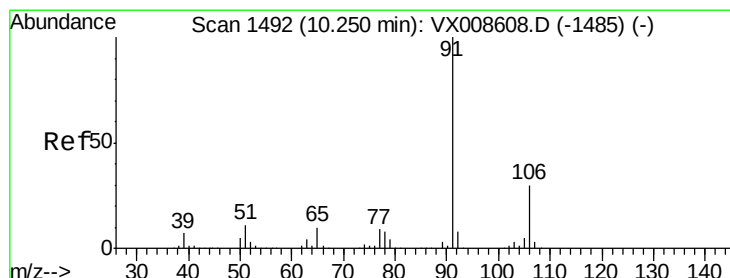
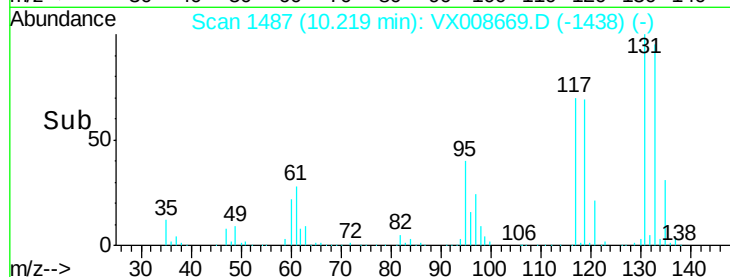
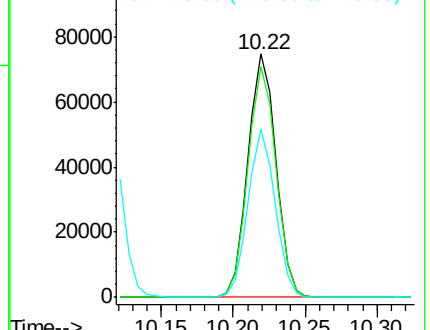
119 66.9 33.7 101.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 46.093 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008669.D

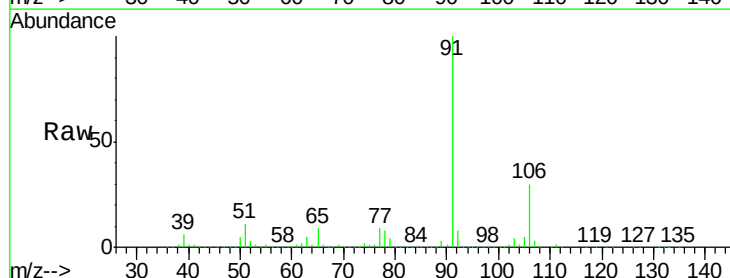
Acq: 05 Apr 2019 04:55

Tgt Ion: 91 Resp: 526669

Ion Ratio Lower Upper

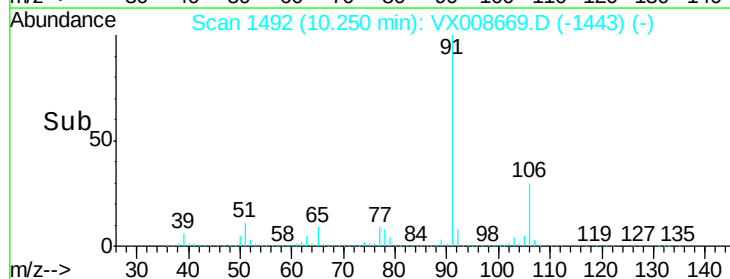
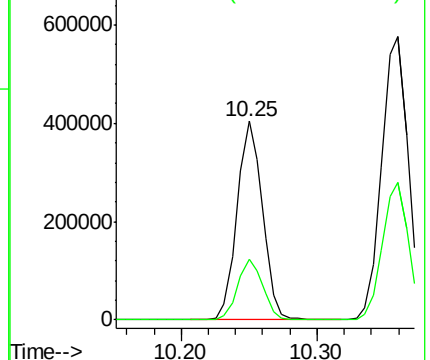
91 100

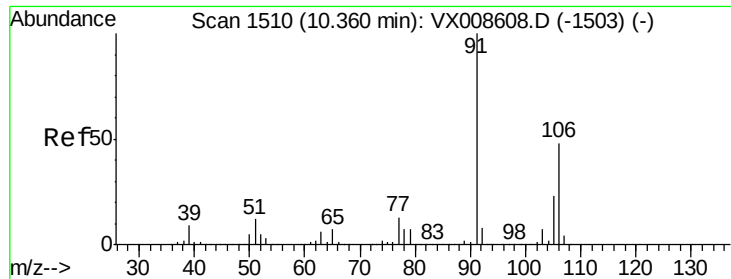
106 30.5 23.7 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

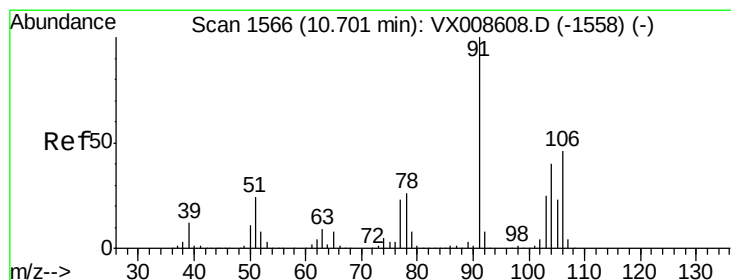
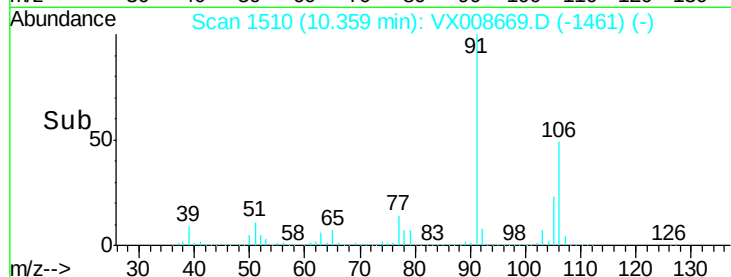
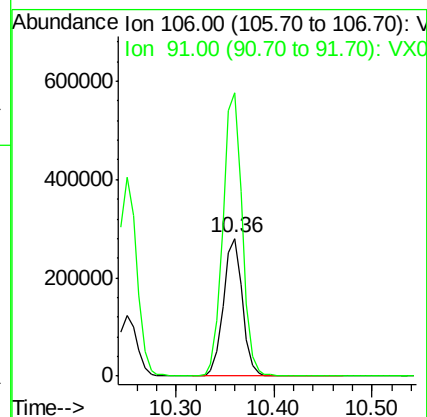
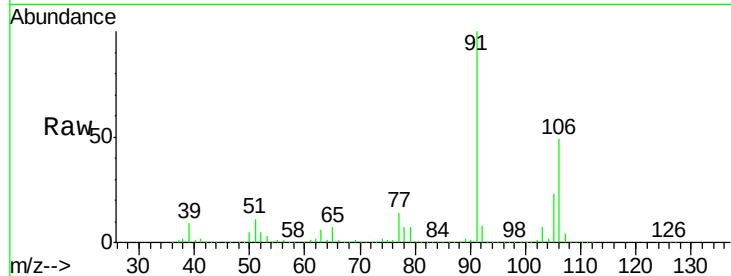




#68
m/p-Xylenes
Concen: 91.888 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

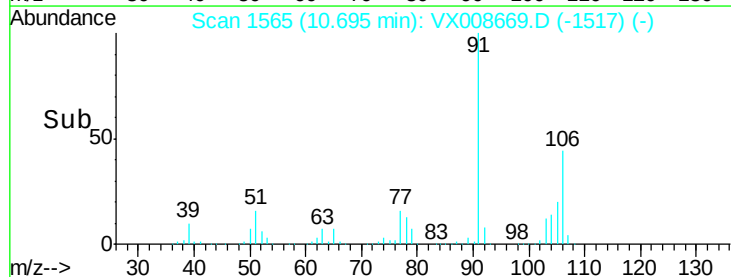
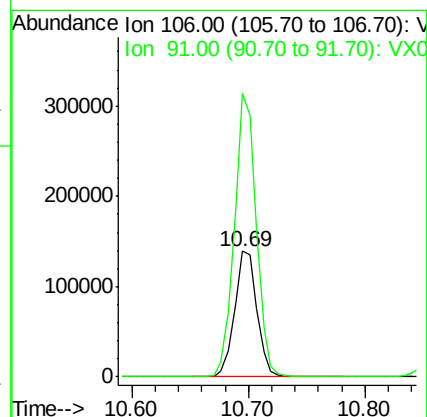
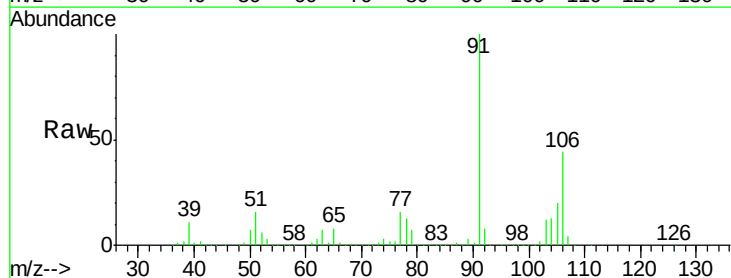
Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MSD

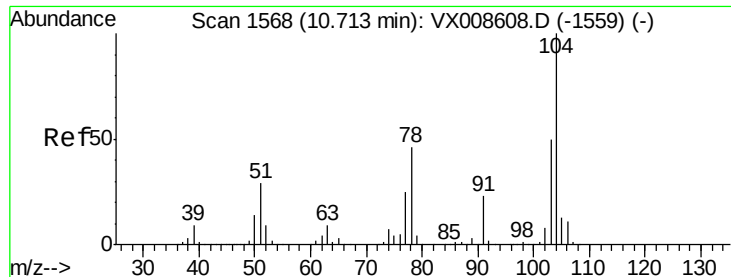
Tgt Ion:106 Resp: 377503
Ion Ratio Lower Upper
106 100
91 208.9 168.5 252.7



#69
o-Xylene
Concen: 46.583 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Tgt Ion:106 Resp: 185466
Ion Ratio Lower Upper
106 100
91 221.1 111.5 334.4

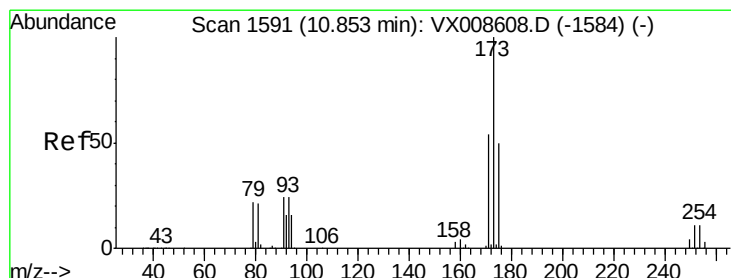
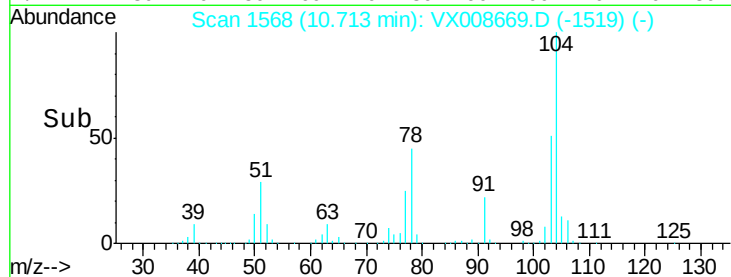
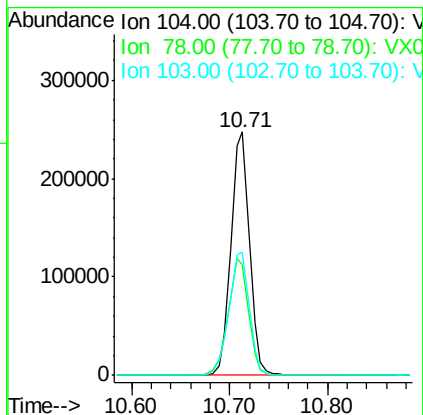
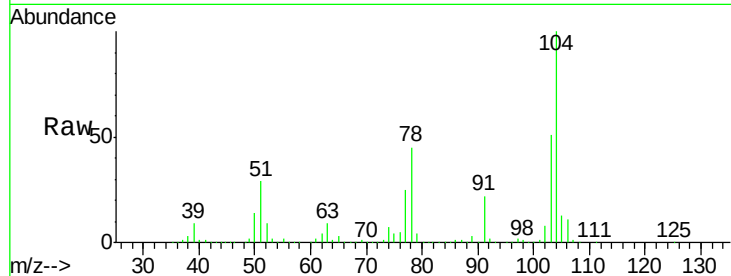




#70
Styrene
Concen: 47.457 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

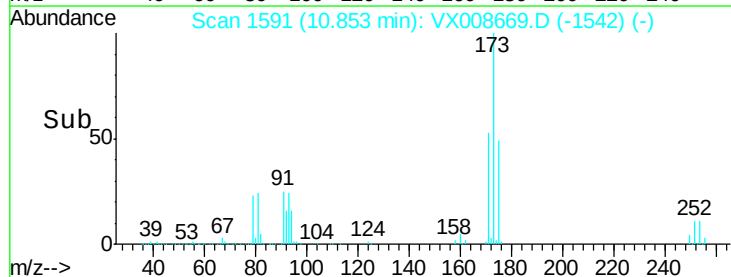
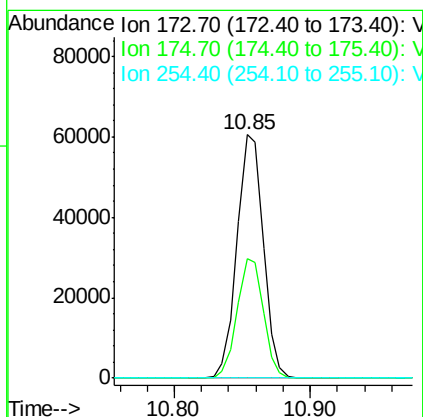
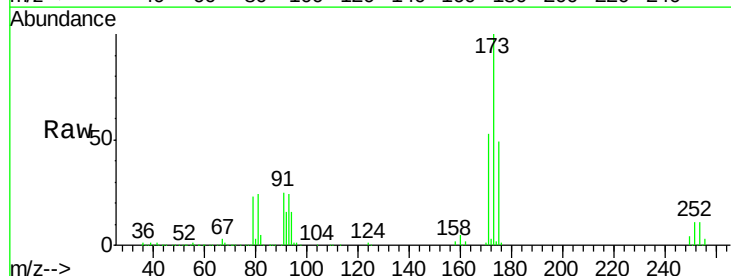
Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MSD

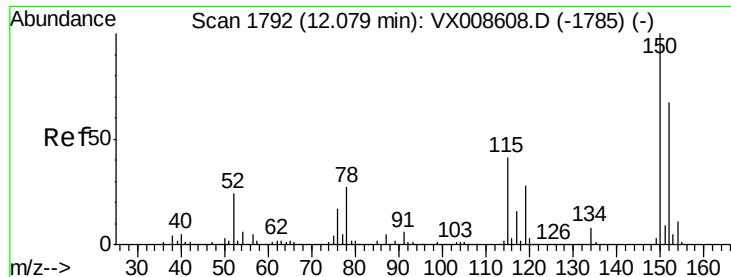
Tgt Ion:104 Resp: 325693
Ion Ratio Lower Upper
104 100
78 52.8 42.3 63.5
103 55.2 44.4 66.6



#71
Bromoform
Concen: 49.708 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Tgt Ion:173 Resp: 81612
Ion Ratio Lower Upper
173 100
175 49.2 24.9 74.6
254 0.2 0.1 0.1#



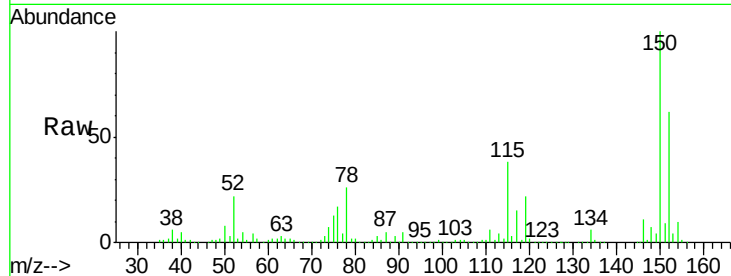


#72

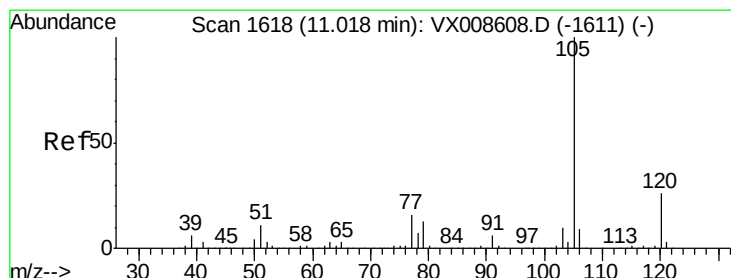
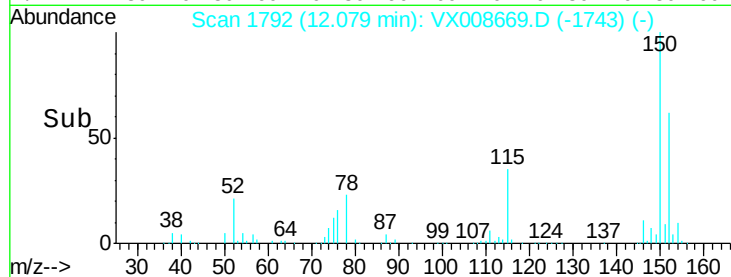
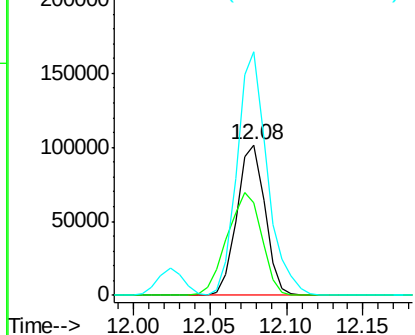
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MSD

Tgt Ion:152 Resp: 128946
Ion Ratio Lower Upper
152 100
115 84.2 43.5 130.5
150 174.6 0.0 348.8



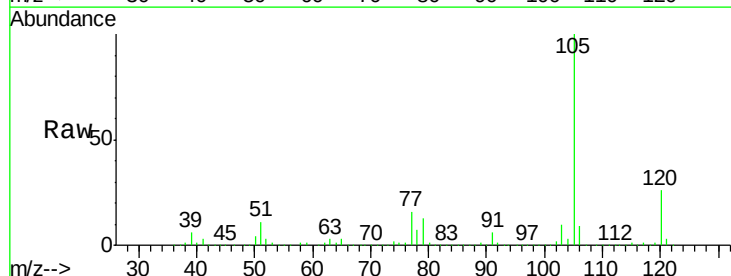
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



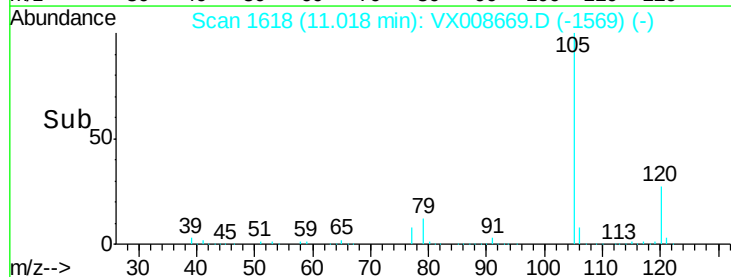
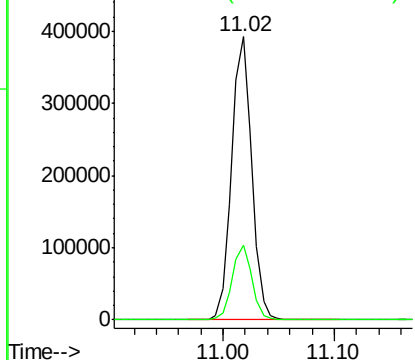
#73

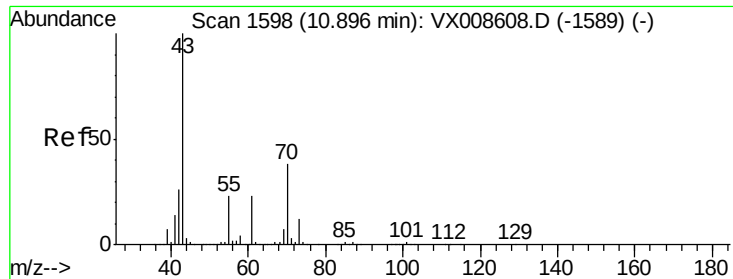
Isopropylbenzene
Concen: 45.763 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Tgt Ion:105 Resp: 489028
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: 47.103 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MSD

Tgt Ion: 43 Resp: 296139

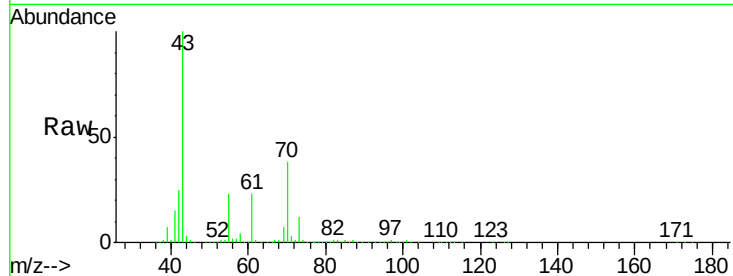
Ion Ratio Lower Upper

43 100

70 37.4 30.2 45.4

55 26.6 18.2 27.4

61 22.5 18.6 28.0

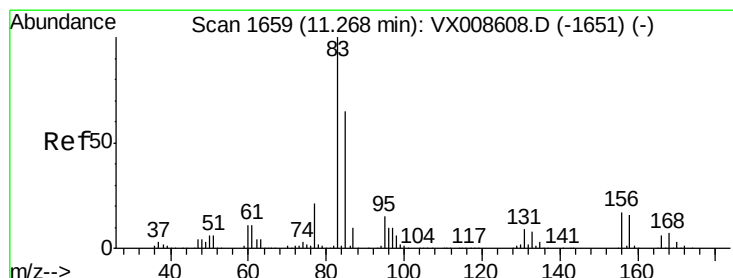
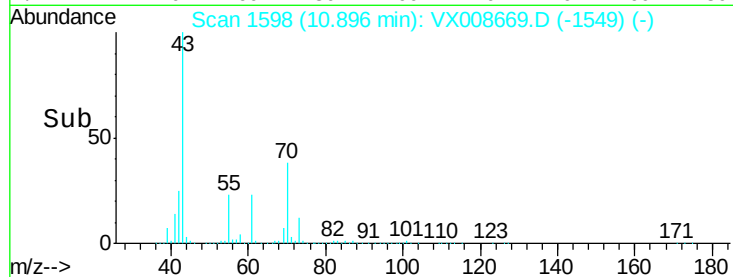
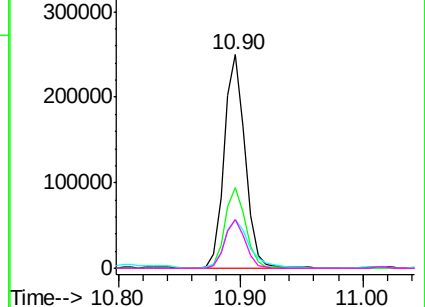


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 46.421 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

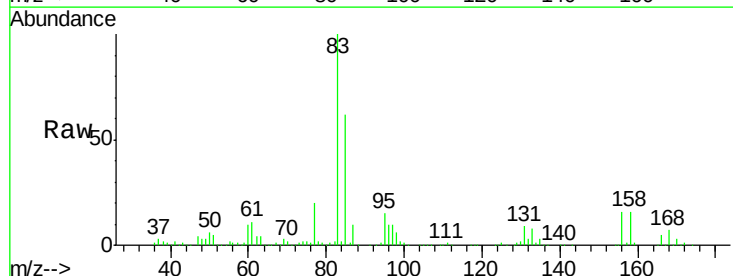
Tgt Ion: 83 Resp: 188658

Ion Ratio Lower Upper

83 100

131 8.9 4.5 13.7

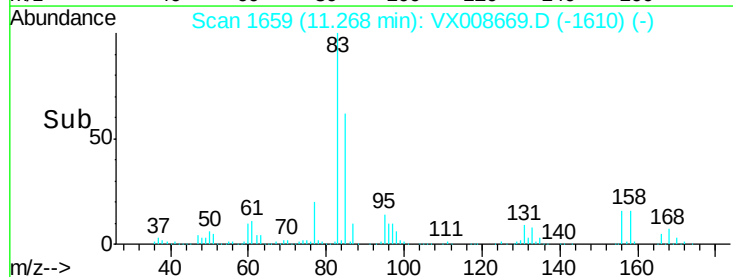
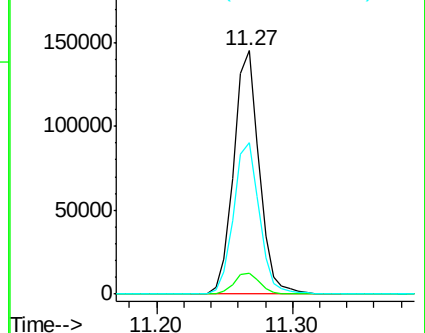
85 63.6 32.0 96.2

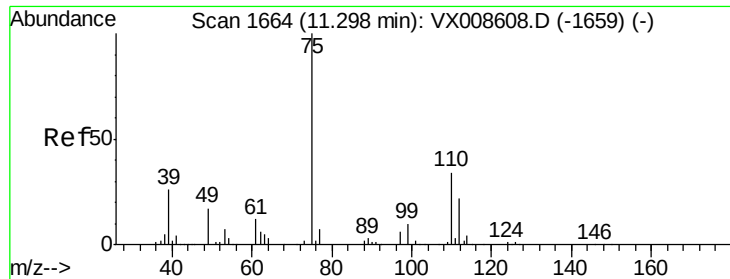


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

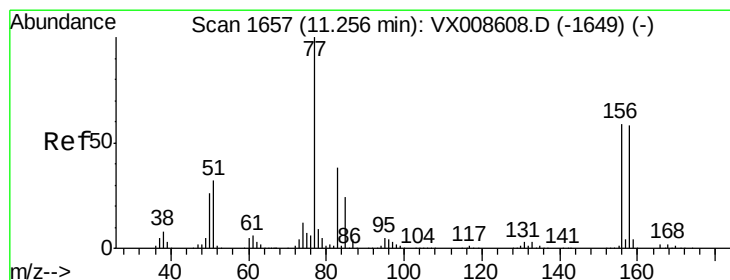
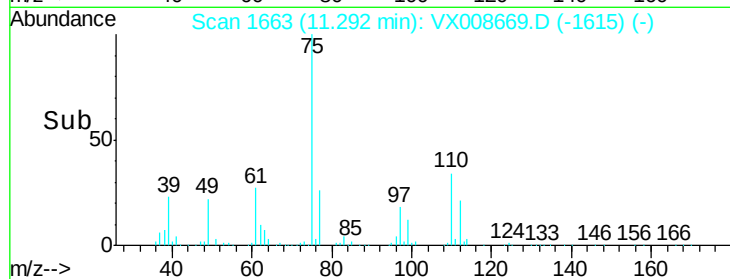
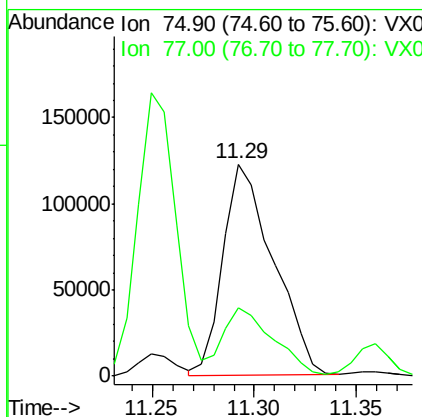
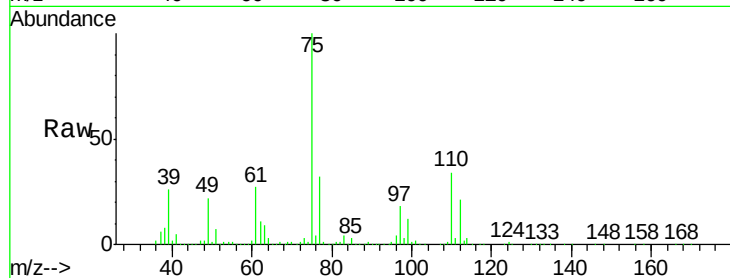




#76
 1,2,3-Trichloropropane
 Concen: 59.296 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

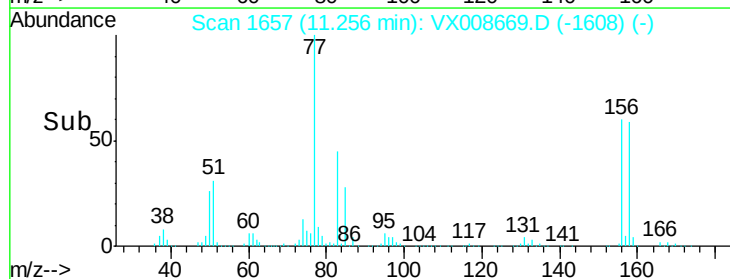
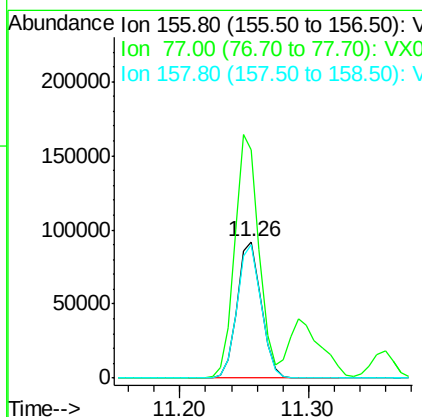
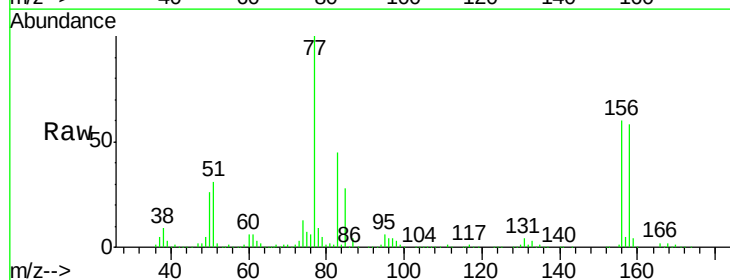
Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MSD

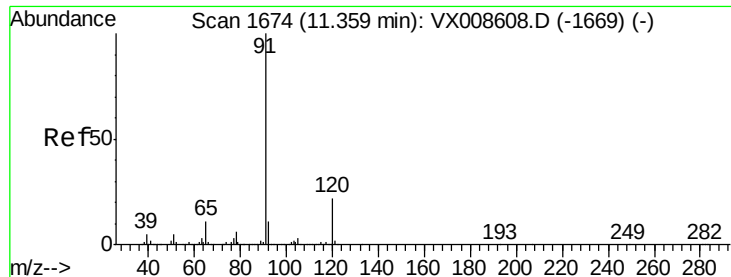
Tgt Ion: 75 Resp: 210042
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.3 66.8



#77
 Bromobenzene
 Concen: 46.735 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Tgt Ion: 156 Resp: 120060
 Ion Ratio Lower Upper
 156 100
 77 178.0 89.8 269.6
 158 97.5 48.6 145.9





#78

n-propylbenzene

Concen: 45.517 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

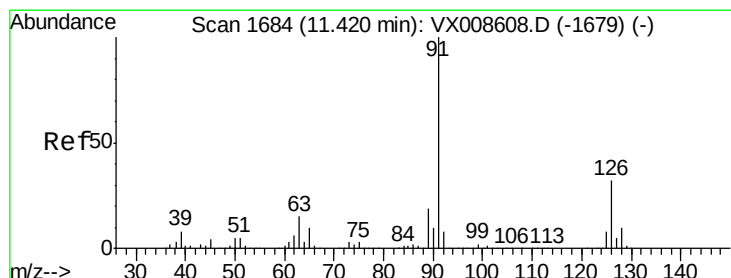
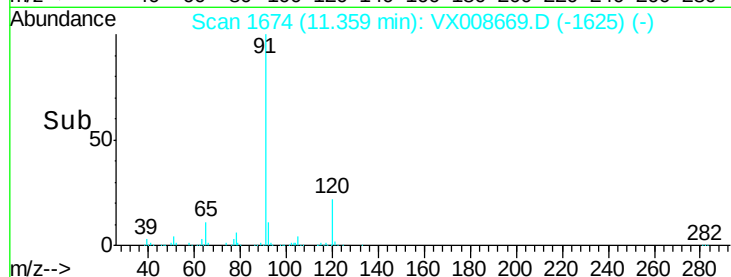
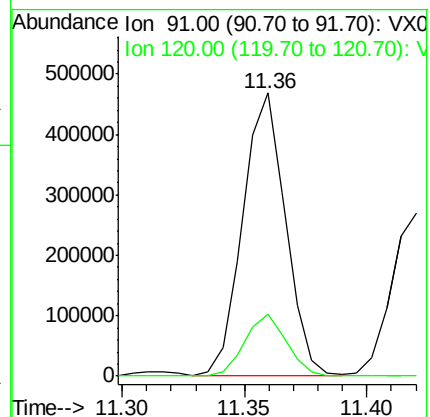
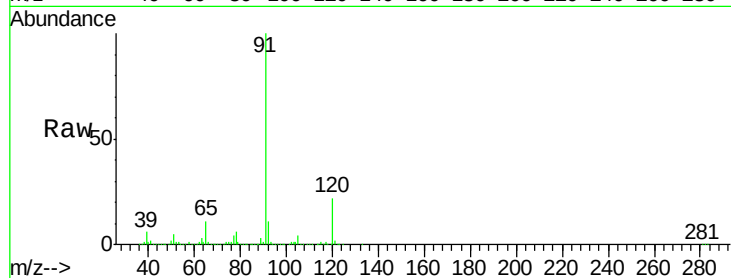
ST006RW149-190402MSD

Tgt Ion: 91 Resp: 566350

Ion Ratio Lower Upper

91 100

120 21.8 10.9 32.7



#79

2-Chlorotoluene

Concen: 45.169 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008669.D

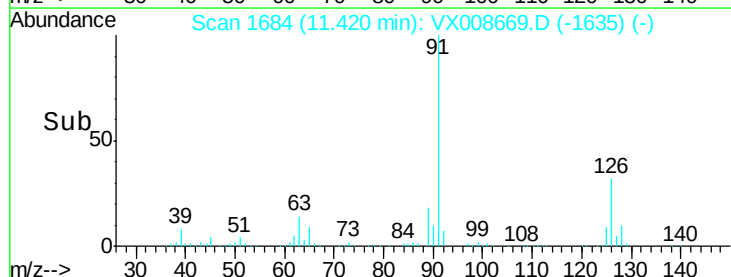
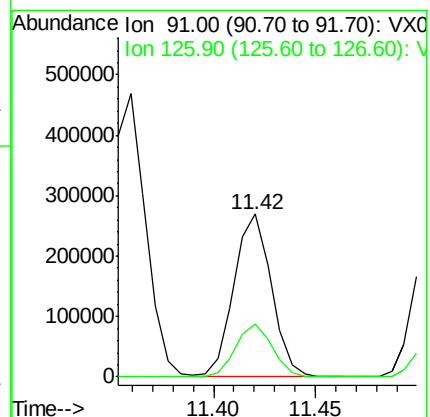
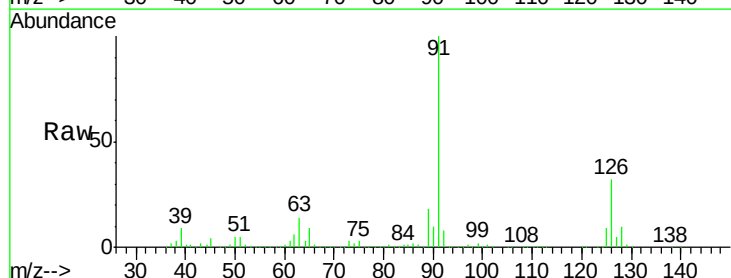
Acq: 05 Apr 2019 04:55

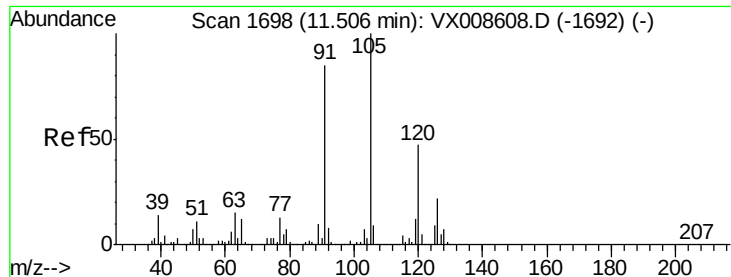
Tgt Ion: 91 Resp: 340111

Ion Ratio Lower Upper

91 100

126 32.2 16.1 48.3

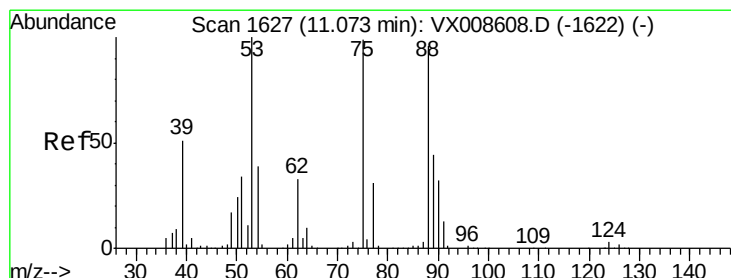
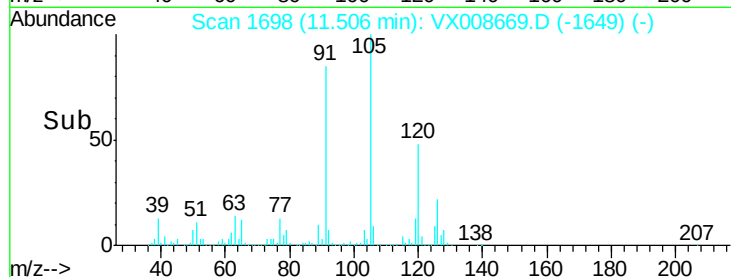
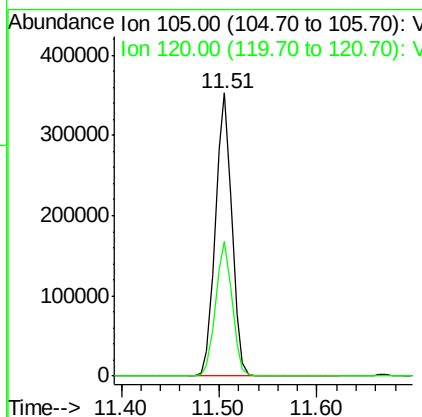
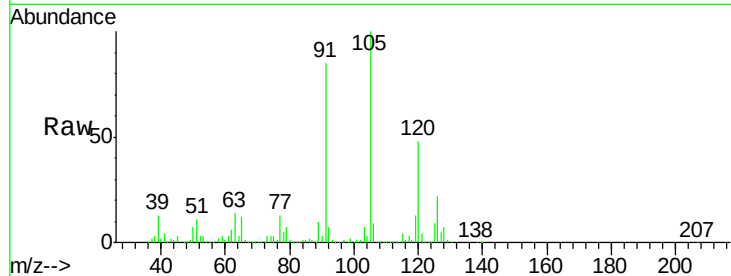




#80
 1,3,5-Trimethylbenzene
 Concen: 45.718 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

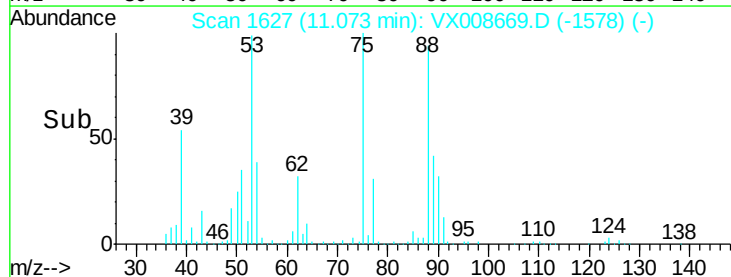
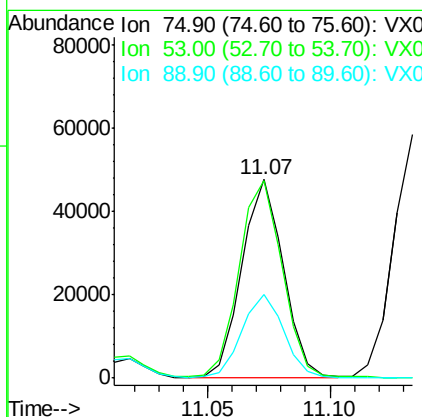
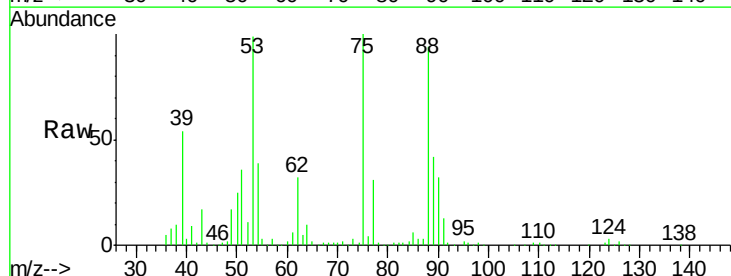
Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MSD

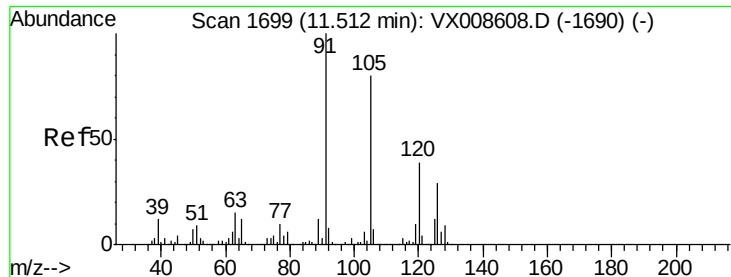
Tgt Ion: 105 Resp: 410095
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.5 70.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.726 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Tgt Ion: 75 Resp: 56190
 Ion Ratio Lower Upper
 75 100
 53 103.3 81.3 121.9
 89 42.8 35.6 53.4





#82

4-Chlorotoluene

Concen: 45.329 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

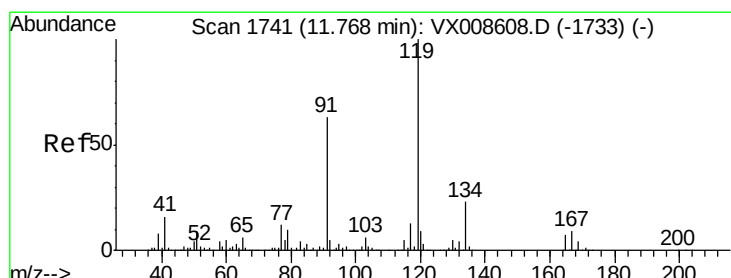
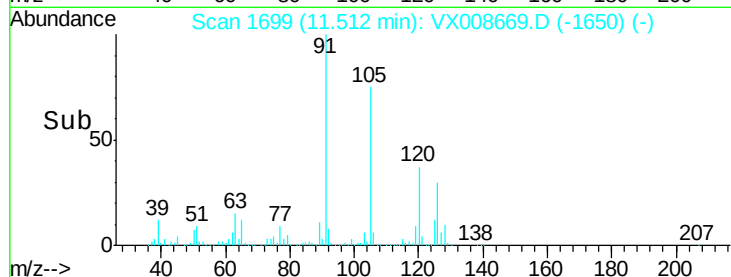
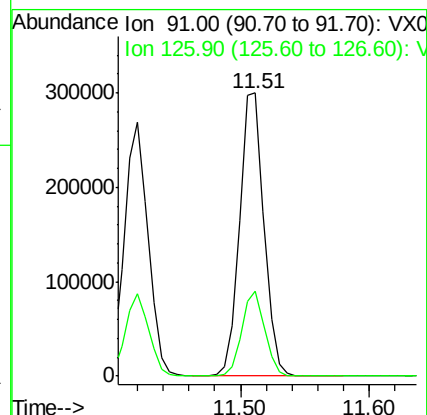
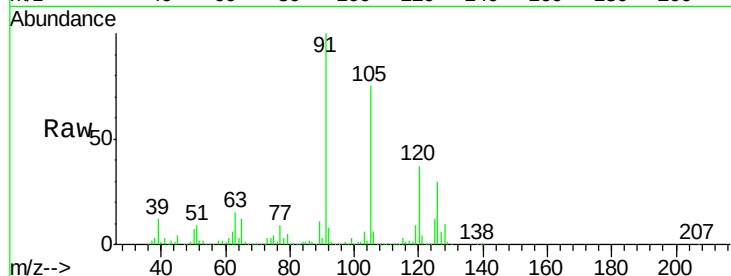
ST006RW149-190402MSD

Tgt Ion: 91 Resp: 395082

Ion Ratio Lower Upper

91 100

126 28.4 13.9 41.6



#83

tert-Butylbenzene

Concen: 47.054 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

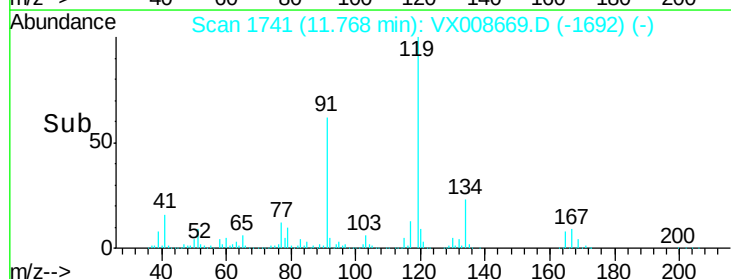
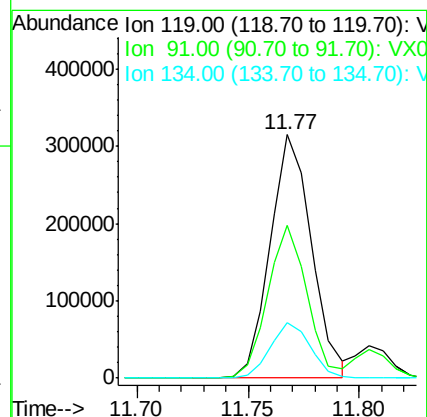
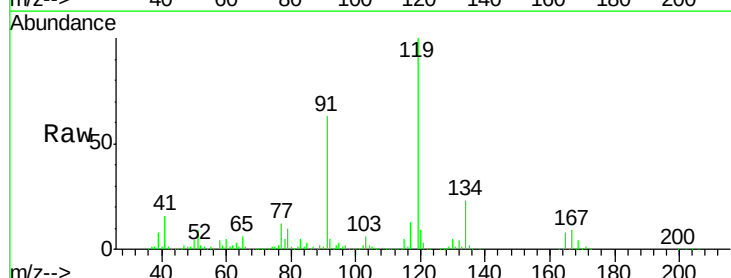
Tgt Ion: 119 Resp: 406075

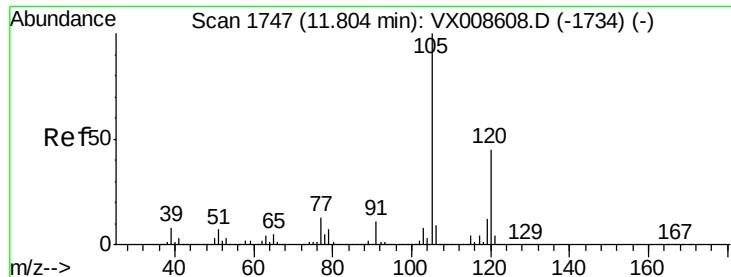
Ion Ratio Lower Upper

119 100

91 60.0 30.0 90.1

134 22.1 11.1 33.3

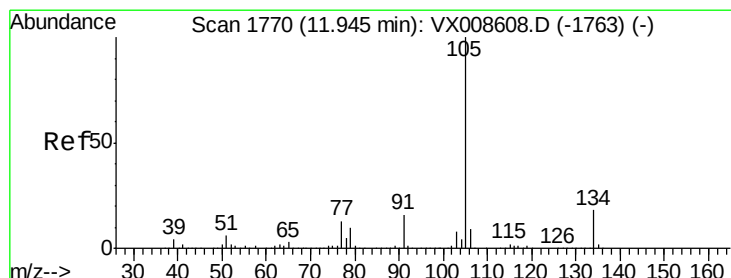
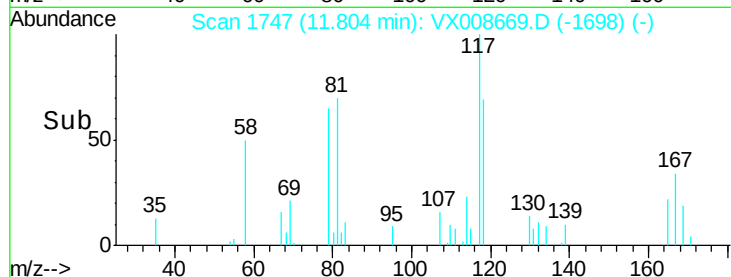
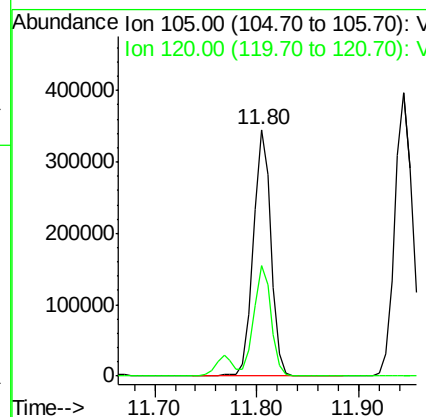
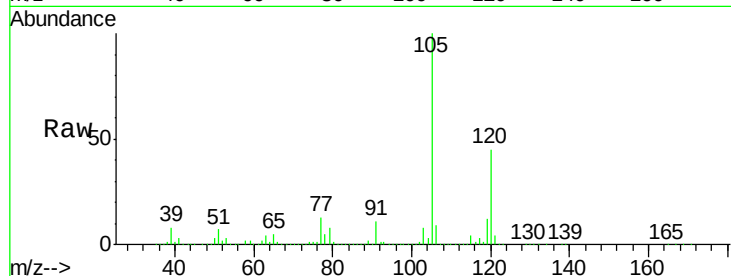




#84
 1,2,4-Trimethylbenzene
 Concen: 45.816 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

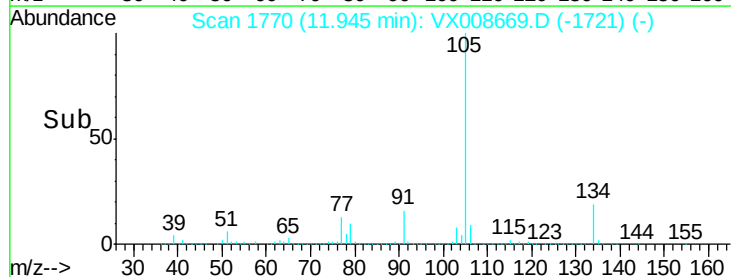
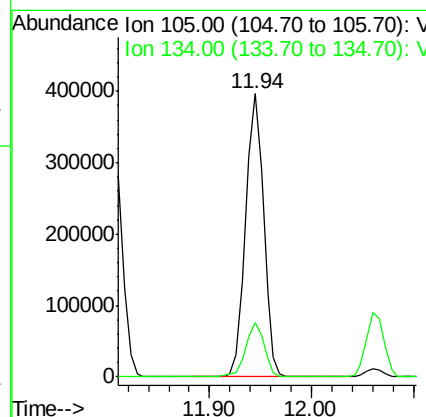
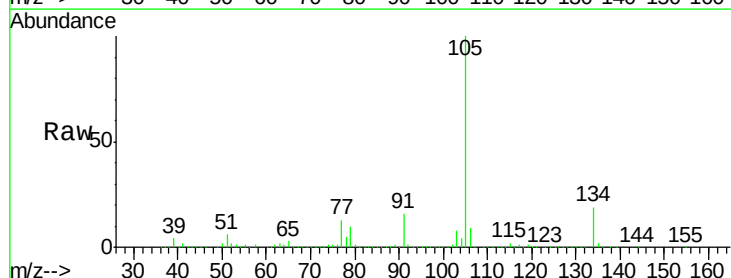
Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MSD

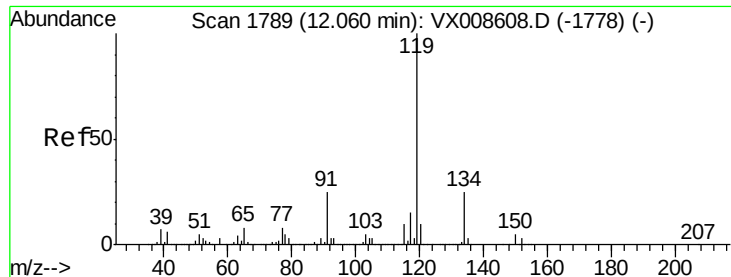
Tgt Ion:105 Resp: 416139
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 47.029 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Tgt Ion:105 Resp: 482084
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.4 28.2





#86

p-Isopropyltoluene

Concen: 45.844 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MSD

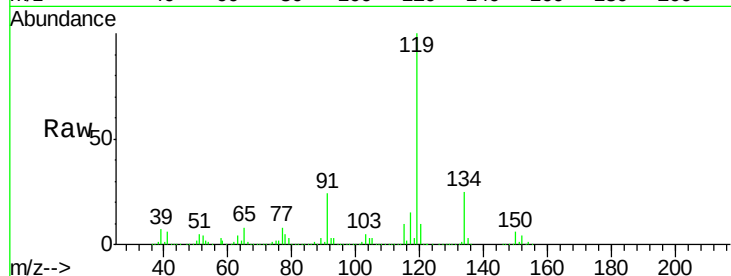
Tgt Ion:119 Resp: 421791

Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.4

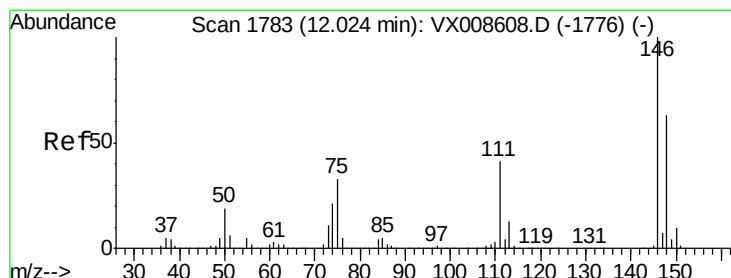
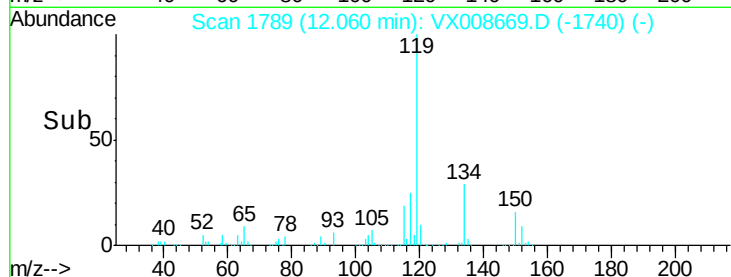
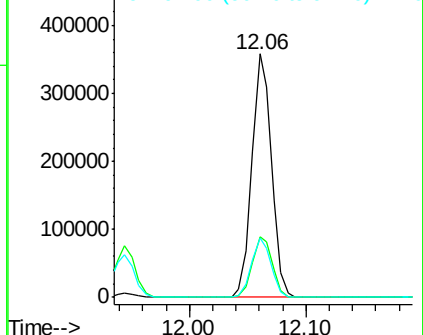
91 24.0 12.2 36.6



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: 45.932 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

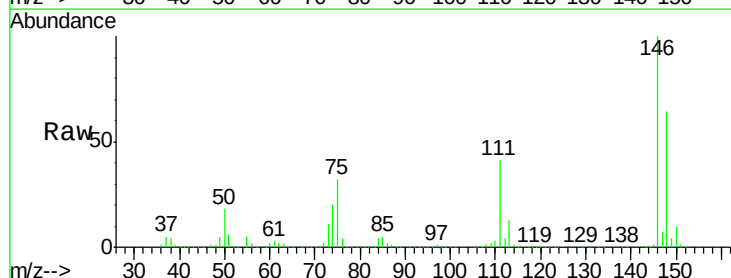
Tgt Ion:146 Resp: 211243

Ion Ratio Lower Upper

146 100

111 41.4 20.5 61.5

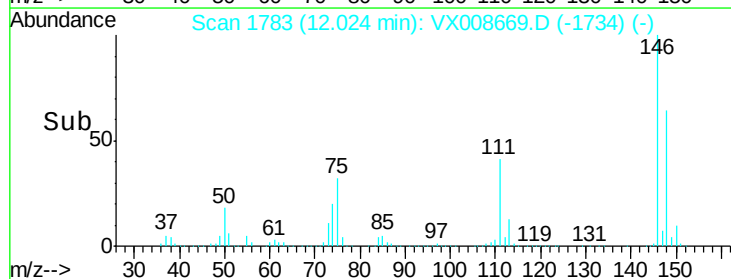
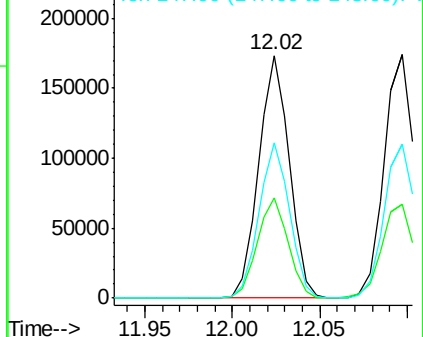
148 63.4 31.6 94.7

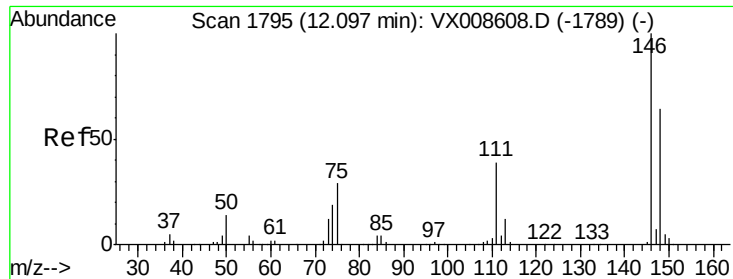


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

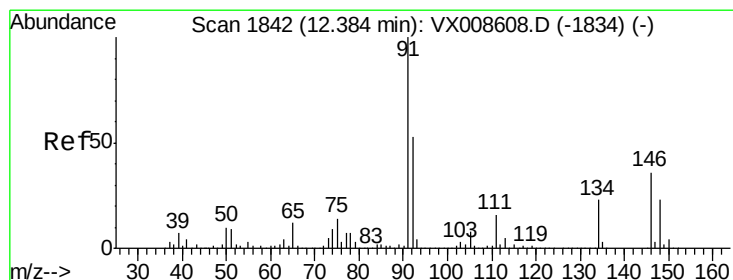
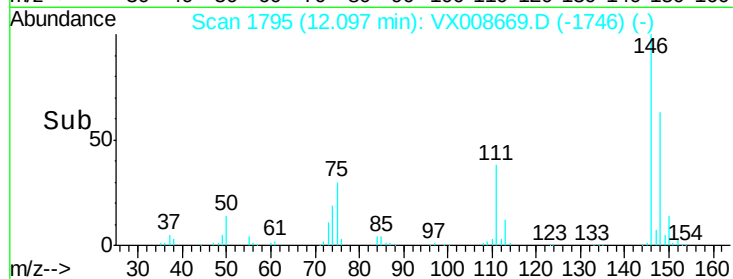
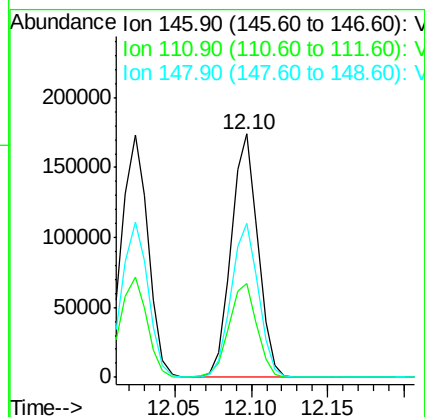
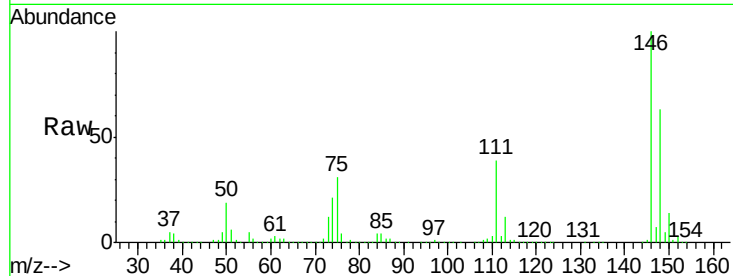




#88
 1,4-Dichlorobenzene
 Concen: 45.102 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

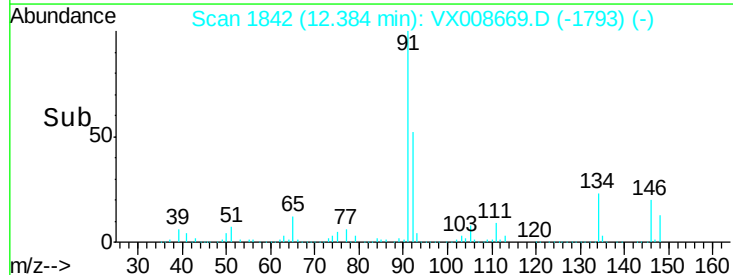
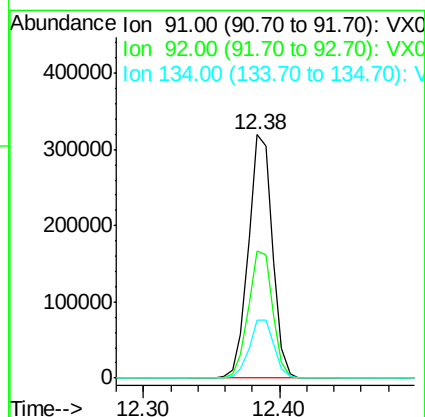
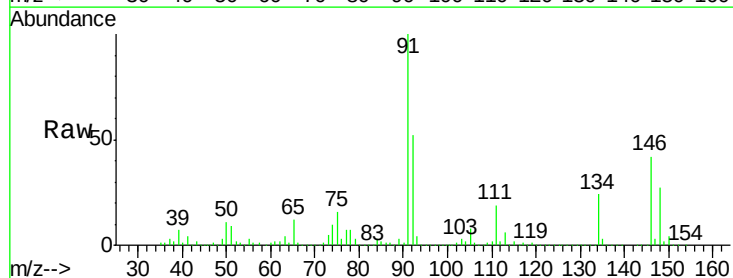
Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MSD

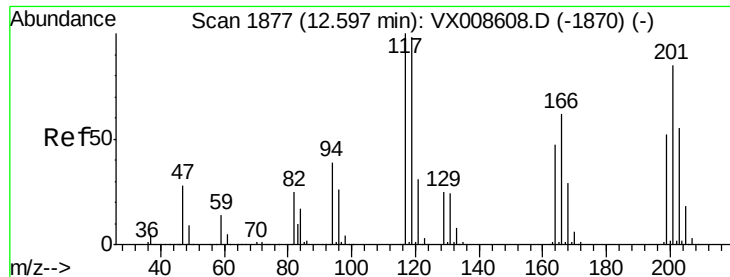
Tgt Ion: 146 Resp: 210040
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.2 60.6
 148 64.4 32.0 96.0



#89
 n-Butylbenzene
 Concen: 45.647 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Tgt Ion: 91 Resp: 393861
 Ion Ratio Lower Upper
 91 100
 92 53.0 26.4 79.2
 134 24.6 12.0 36.0

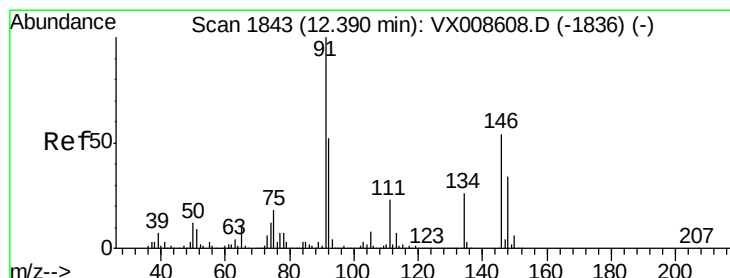
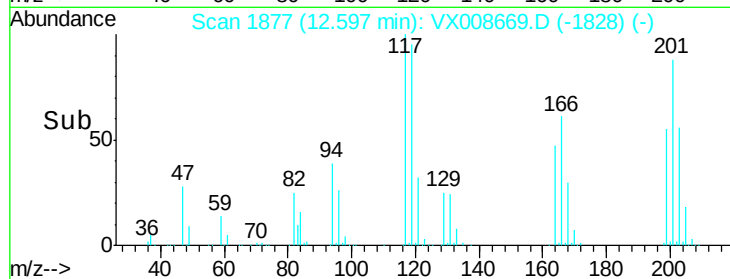
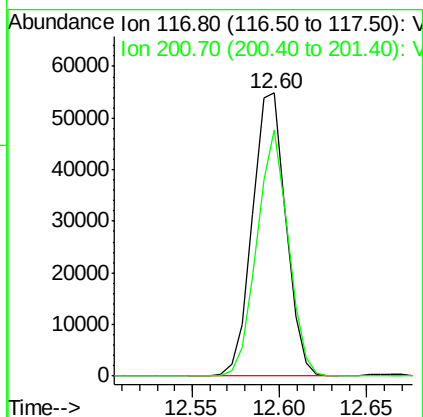
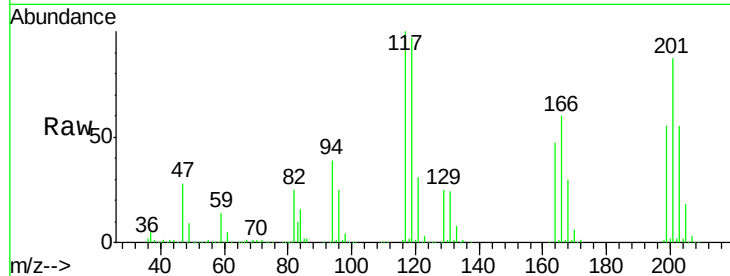




#90
Hexachloroethane
Concen: 47.940 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

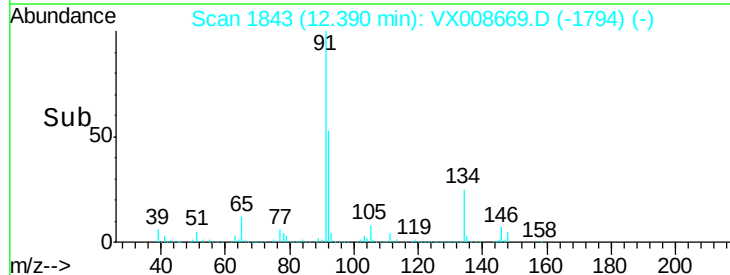
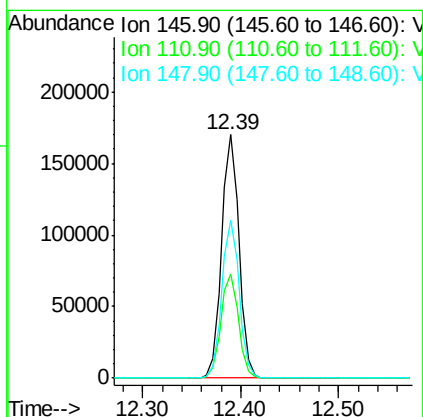
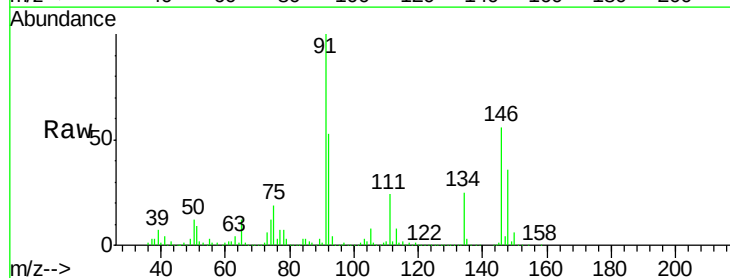
Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MSD

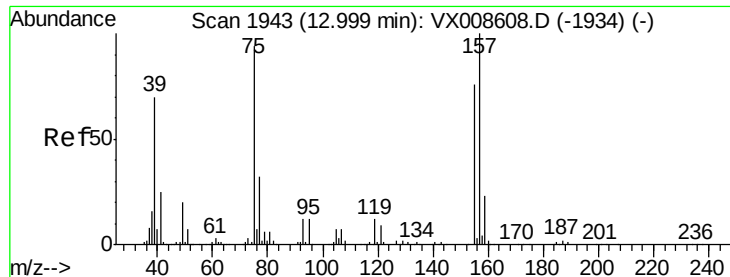
Tgt Ion:117 Resp: 73156
Ion Ratio Lower Upper
117 100
201 81.2 40.6 122.0



#91
1,2-Dichlorobenzene
Concen: 45.826 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Tgt Ion:146 Resp: 209251
Ion Ratio Lower Upper
146 100
111 43.3 21.3 63.9
148 64.9 31.7 95.1





#92

1,2-Dibromo-3-Chloropropane

Concen: 44.814 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MSD

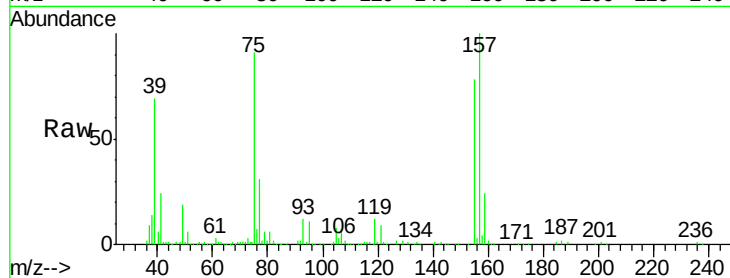
Tgt Ion: 75 Resp: 40065

Ion Ratio Lower Upper

75 100

155 80.8 39.9 119.6

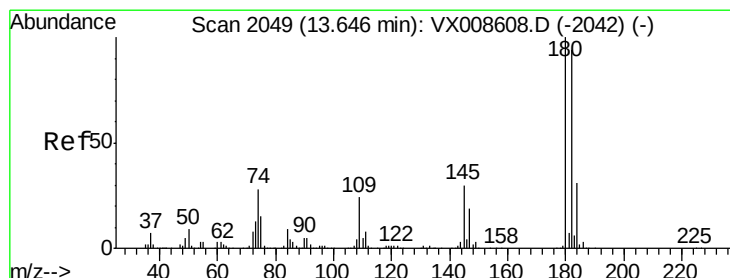
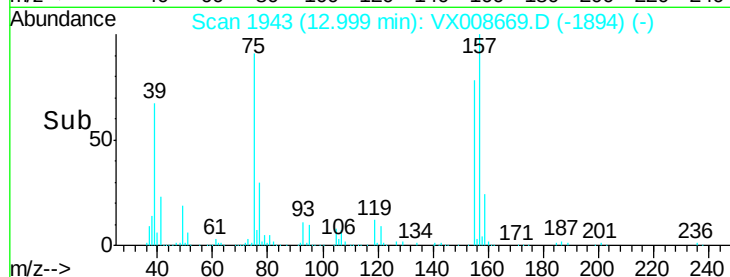
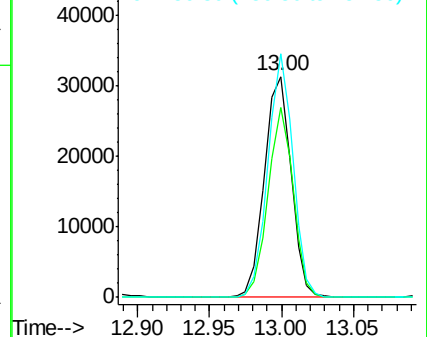
157 103.2 51.5 154.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 45.663 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

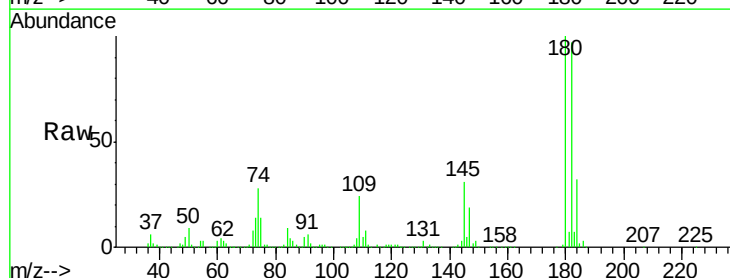
Tgt Ion: 180 Resp: 144974

Ion Ratio Lower Upper

180 100

182 95.3 47.2 141.6

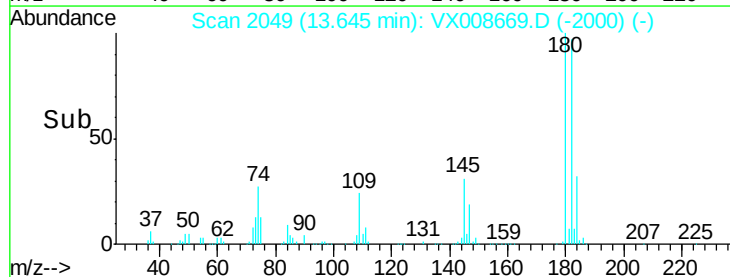
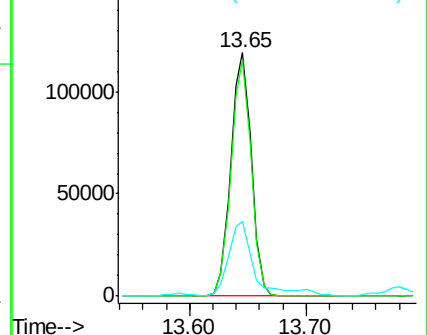
145 38.2 15.3 45.9

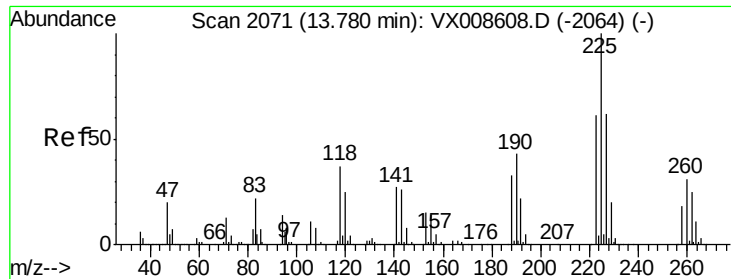


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 43.980 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MSD

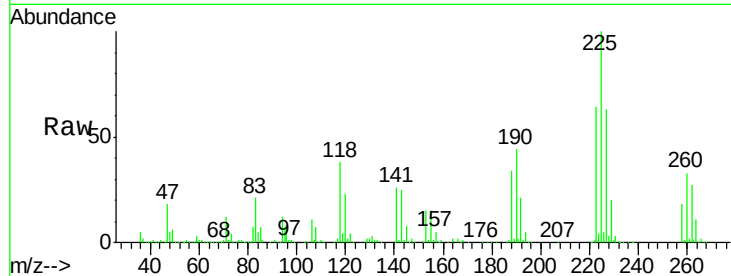
Tgt Ion:225 Resp: 66965

Ion Ratio Lower Upper

225 100

223 62.8 31.2 93.6

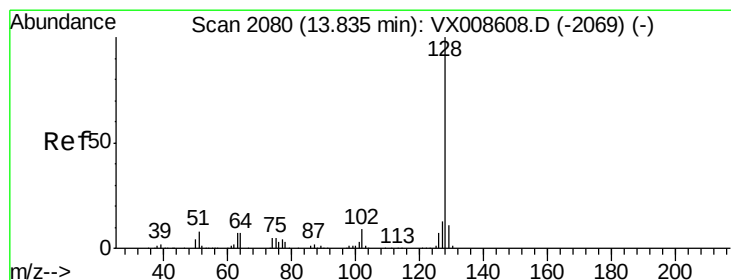
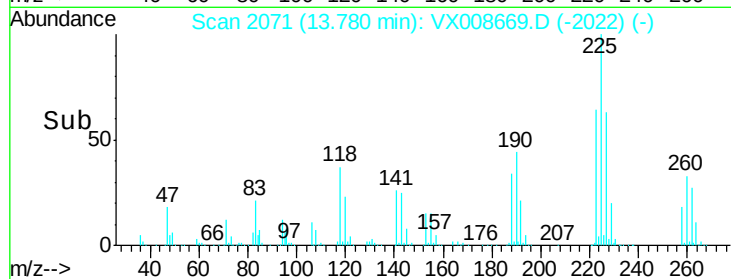
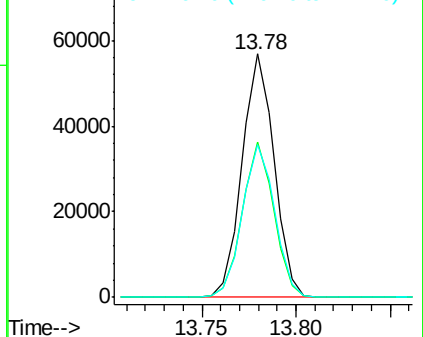
227 63.4 31.9 95.5



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: 46.607 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

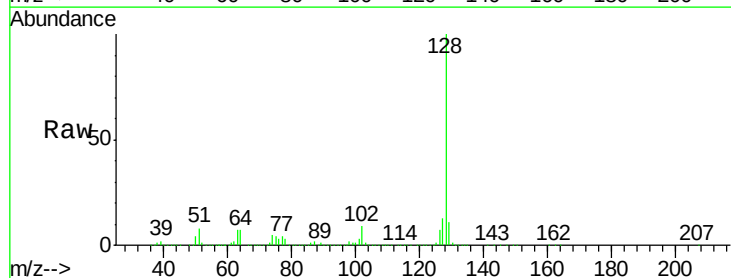
Tgt Ion:128 Resp: 494551

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

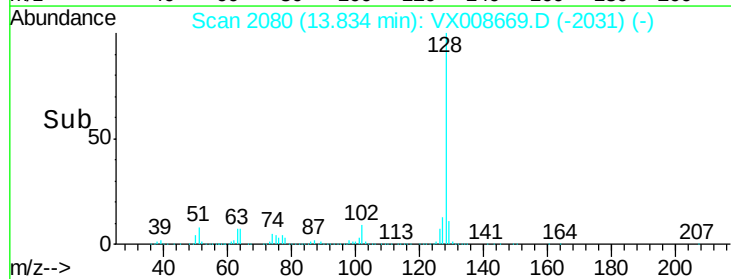
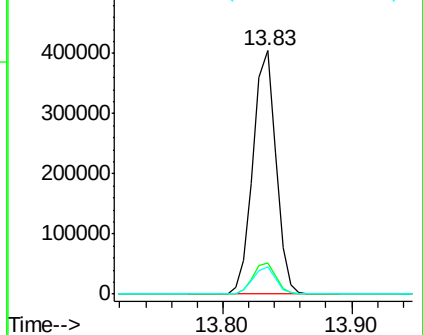
129 11.2 8.6 13.0

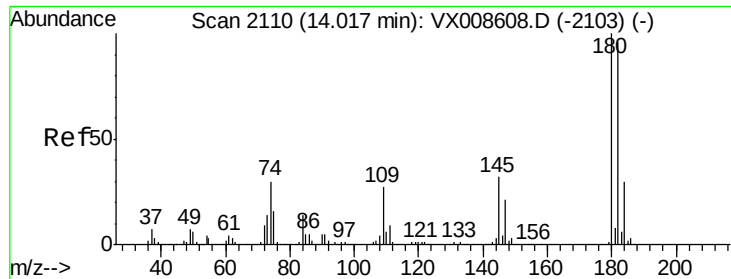


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

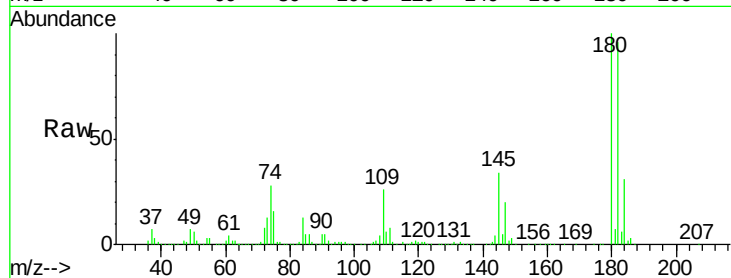




#96
 1,2,3-Trichlorobenzene
 Concen: 45.464 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MSD

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.1	144.3
145	38.1	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

