

Data File : VW006808.D
Acq On : 12 Nov 2018 14:32
Operator : SY/AP
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Quant Time: Nov 12 14:54:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:08:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	338014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	456603	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	439445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	241604	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	355866	143.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	287.30%	
35) Dibromofluoromethane	7.88	113	397585	152.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.96%	
50) Toluene-d8	10.33	98	1577980	144.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.54%	
62) 4-Bromofluorobenzene	12.62	95	595040	149.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	400808	145.842	ug/l	99
3) Chloromethane	2.21	50	462723	140.249	ug/l	99
4) Vinyl Chloride	2.36	62	492596	142.017	ug/l	100
5) Bromomethane	2.77	94	279208	119.409	ug/l	99
6) Chloroethane	2.91	64	309939	136.540	ug/l	100
7) Trichlorofluoromethane	3.26	101	693450	159.116	ug/l	98
8) Diethyl Ether	3.69	74	210220	165.809	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	441541	152.477	ug/l	99
10) Methyl Iodide	4.27	142	668089	166.065	ug/l	100
11) Tert butyl alcohol	5.22	59	138542	849.708	ug/l	99
12) 1,1-Dichloroethene	4.04	96	408994	169.380	ug/l	98
13) Acrolein	3.90	56	129162	760.626	ug/l	99
14) Allyl chloride	4.67	41	550265	169.050	ug/l	99
15) Acrylonitrile	5.38	53	416303	820.329	ug/l	99
16) Acetone	4.14	43	287100	800.635	ug/l	97
17) Carbon Disulfide	4.38	76	1313447	164.898	ug/l	99
18) Methyl Acetate	4.68	43	196657	156.280	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	980755	165.830	ug/l	99
20) Methylene Chloride	4.92	84	454553	131.121	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	473404	163.907	ug/l	98
22) Diisopropyl ether	6.32	45	1145017	166.918	ug/l	99
23) Vinyl Acetate	6.26	43	3273430	836.693	ug/l	98
24) 1,1-Dichloroethane	6.22	63	743508	165.686	ug/l	99
25) 2-Butanone	7.18	43	475971	803.909	ug/l	100
26) 2,2-Dichloropropane	7.17	77	669606	156.616	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	522316	168.774	ug/l	99
28) Bromochloromethane	7.52	49	249206	148.268	ug/l	100
29) Tetrahydrofuran	7.54	42	322355	830.686	ug/l	98
30) Chloroform	7.68	83	806468	162.193	ug/l	100
31) Cyclohexane	7.96	56	653048	141.304	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	721054	152.798	ug/l	99
36) 1,1-Dichloropropene	8.09	75	614467	148.304	ug/l	100
37) Ethyl Acetate	7.26	43	218217	148.305	ug/l	99
38) Carbon Tetrachloride	8.07	117	662224	149.593	ug/l	99

Data File : VW006808.D
Acq On : 12 Nov 2018 14:32
Operator : SY/AP
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Quant Time: Nov 12 14:54:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:08:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	858001	162.645	ug/l	97
40) Benzene	8.33	78	1788934	152.904	ug/l	100
41) Methacrylonitrile	7.49	41	131906	154.521	ug/l	95
42) 1,2-Dichloroethane	8.40	62	480829	150.982	ug/l	99
43) Isopropyl Acetate	8.43	43	456817	165.610	ug/l	99
44) Trichloroethene	9.10	130	549924	152.873	ug/l	99
45) 1,2-Dichloropropane	9.37	63	410593	149.426	ug/l	97
46) Dibromomethane	9.46	93	239894	155.501	ug/l	100
47) Bromodichloromethane	9.65	83	576711	154.057	ug/l	100
48) Methyl methacrylate	9.44	41	215962	166.239	ug/l	98
49) 1,4-Dioxane	9.48	88	69404	3005.016	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	1116251	787.660	ug/l	99
52) Toluene	10.39	92	1291638	157.026	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	614180	169.199	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	702822	163.305	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	356507	156.866	ug/l	99
56) Ethyl methacrylate	10.65	69	433187	172.609	ug/l	98
57) 1,3-Dichloropropane	10.93	76	563369	155.065	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	1013284	810.740	ug/l	100
59) 2-Hexanone	10.98	43	765645	797.191	ug/l	98
60) Dibromochloromethane	11.13	129	456020	166.929	ug/l	99
61) 1,2-Dibromoethane	11.24	107	346454	158.448	ug/l	99
64) Tetrachloroethene	10.87	164	523970	156.141	ug/l	99
65) Chlorobenzene	11.66	112	1481087	158.340	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	511421	170.674	ug/l	100
67) Ethyl Benzene	11.73	91	2576349	163.726	ug/l	98
68) m/p-Xylenes	11.84	106	2113983	329.360	ug/l	99
69) o-Xylene	12.17	106	997008	168.726	ug/l	99
70) Styrene	12.18	104	1632086	169.928	ug/l	99
71) Bromoform	12.35	173	299235	180.278	ug/l #	100
73) Isopropylbenzene	12.47	105	2707461	174.171	ug/l	100
74) N-amyl acetate	12.28	43	439193	173.336	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	378131	163.276	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	505254	286.766	ug/l #	100
77) Bromobenzene	12.75	156	664292	165.270	ug/l	99
78) n-propylbenzene	12.81	91	3129785	169.448	ug/l	100
79) 2-Chlorotoluene	12.90	91	1745451	167.749	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	2267019	168.317	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	127693	192.696	ug/l	95
82) 4-Chlorotoluene	12.99	91	1835643	165.066	ug/l	99
83) tert-Butylbenzene	13.21	119	2033634	174.740	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	2289773	165.932	ug/l	100
85) sec-Butylbenzene	13.39	105	2813759	168.927	ug/l	99
86) p-Isopropyltoluene	13.51	119	2576491	169.582	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	1301242	159.350	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	1271084	156.285	ug/l	100
89) n-Butylbenzene	13.83	91	2324343	165.756	ug/l	99
90) Hexachloroethane	14.10	117	430882	180.773	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	1117167	156.385	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	61263	163.823	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111218\
Quantitation Report (Not Reviewed)

Data File : VW006808.D
Acq On : 12 Nov 2018 14:32
Operator : SY/AP
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Quant Time: Nov 12 14:54:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:08:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	867961	164.128	ug/l	99
94) Hexachlorobutadiene	15.24	225	524621	157.632	ug/l	99
95) Naphthalene	15.38	128	1448437	179.003	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	752242	164.440	ug/l	100

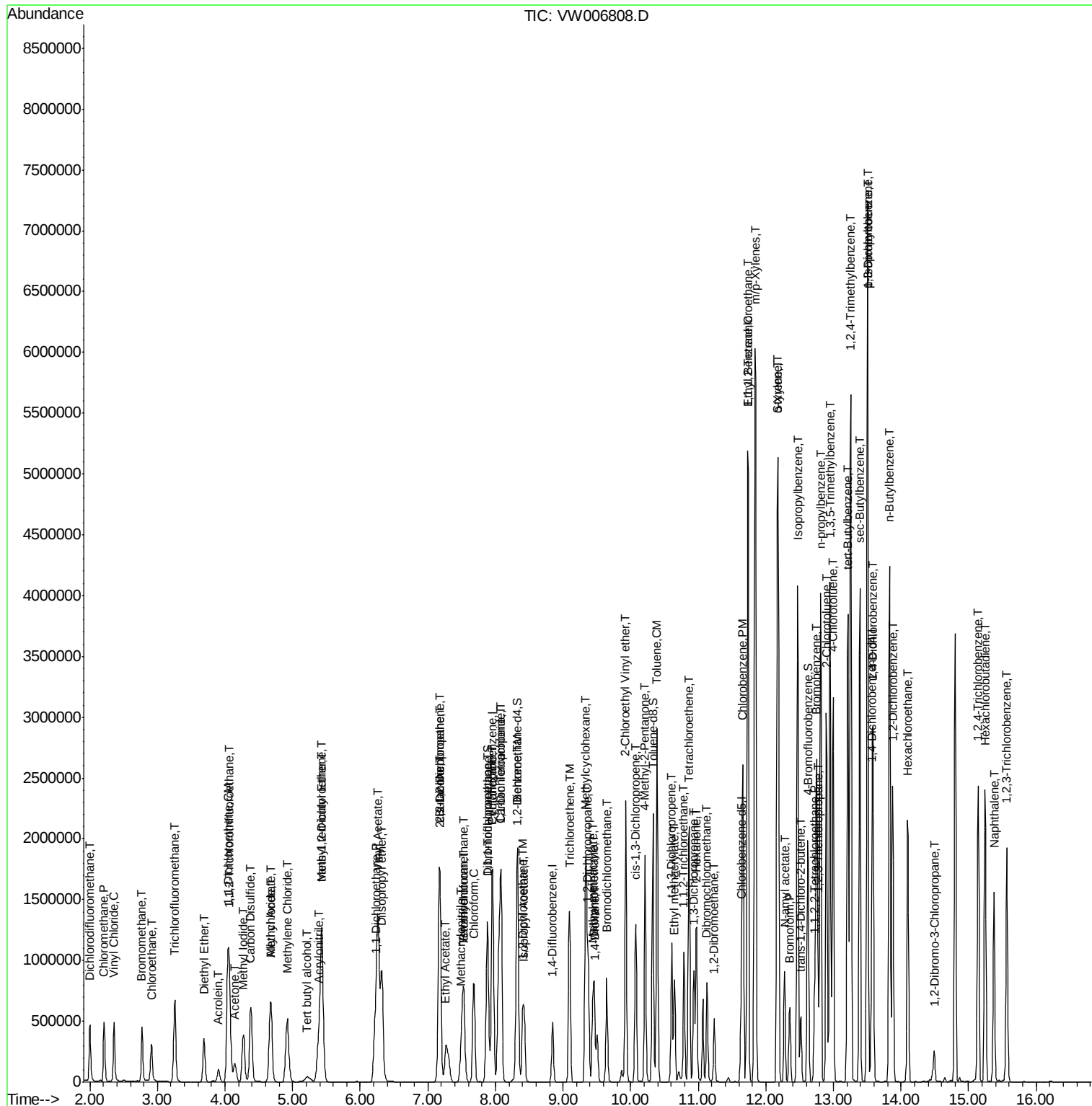
(#) = qualifier out of range (m) = manual integration (+) = signals summed

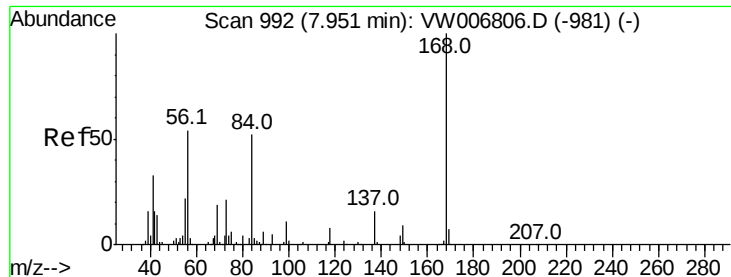
Data File : VW006808.D

```
Acq On       : 12 Nov 2018   14:32
Operator     : SY/AP
Sample       : VSTDICC150
Misc         : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial     : 8      Sample Multiplier: 1
```

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Quant Time: Nov 12 14:54:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:08:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

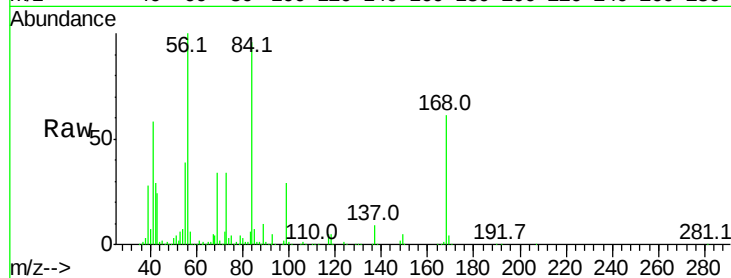
VSTDIC150

Tgt Ion:168 Resp: 338014

Ion Ratio Lower Upper

168 100

99 48.2 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

150000

100000

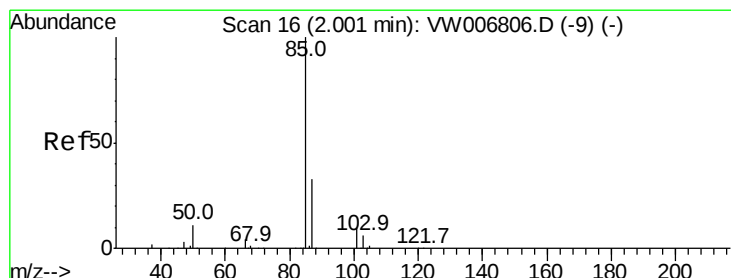
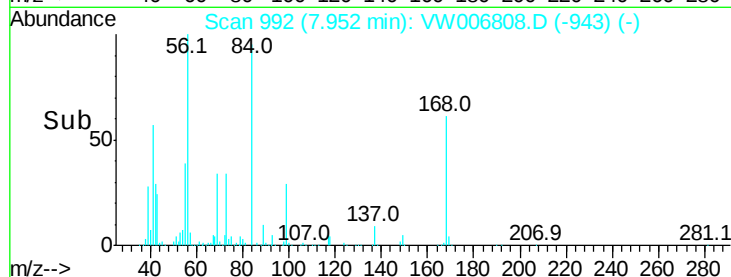
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 145.842 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW006808.D

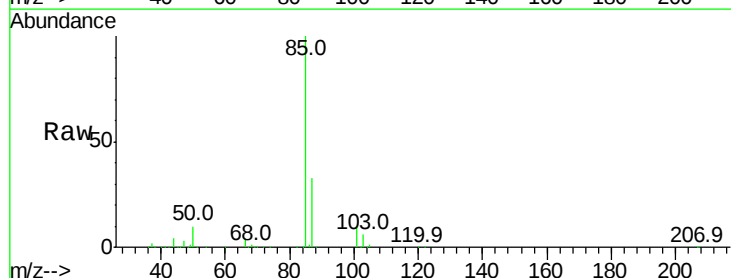
Acq: 12 Nov 2018 14:32

Tgt Ion: 85 Resp: 400808

Ion Ratio Lower Upper

85 100

87 32.6 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

300000

250000

200000

150000

100000

50000

0

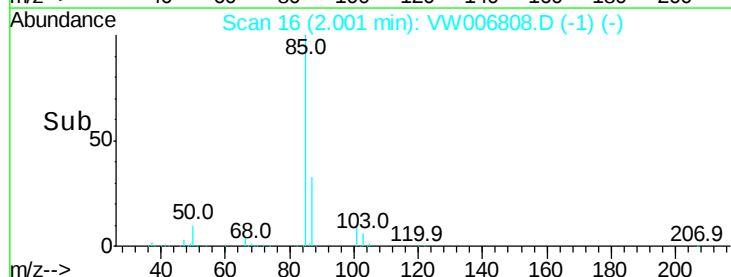
1.90

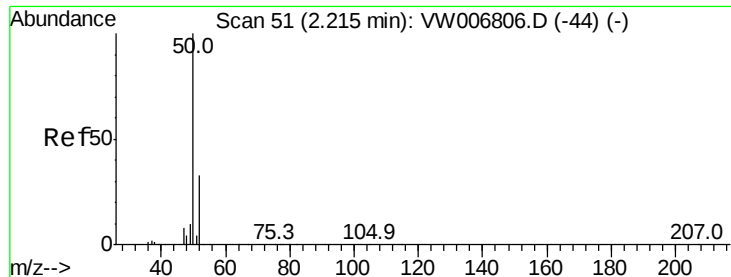
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 140.249 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

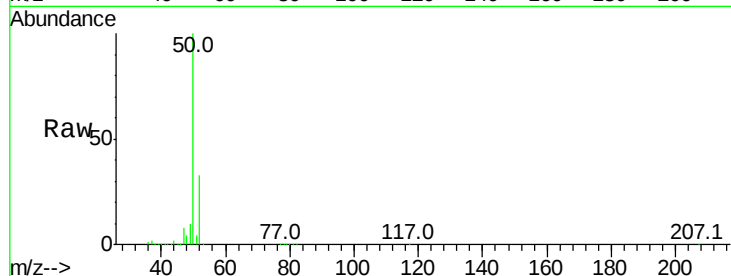
VSTDIC150

Tgt Ion: 50 Resp: 462723

Ion Ratio Lower Upper

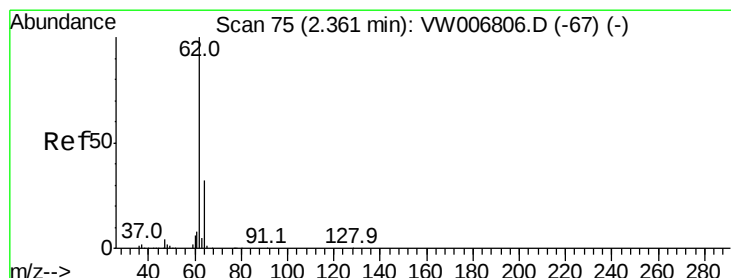
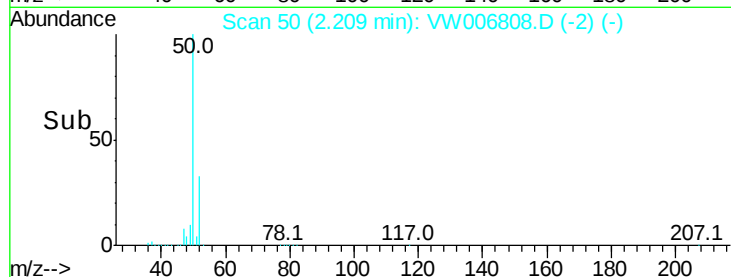
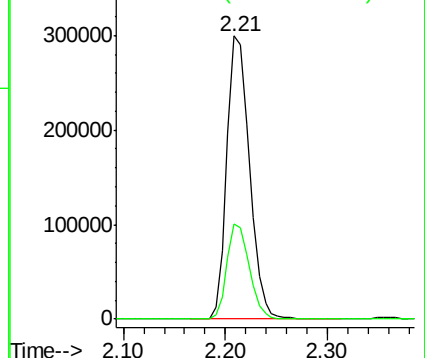
50 100

52 33.5 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 142.017 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW006808.D

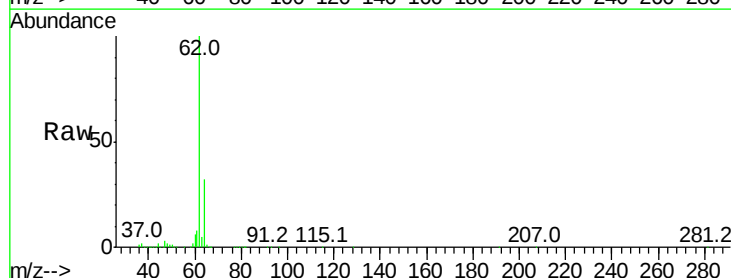
Acq: 12 Nov 2018 14:32

Tgt Ion: 62 Resp: 492596

Ion Ratio Lower Upper

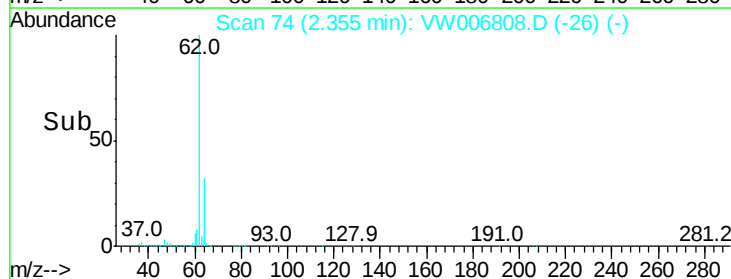
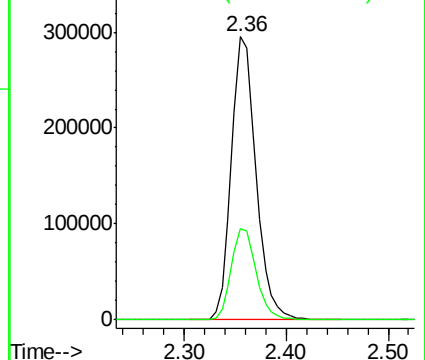
62 100

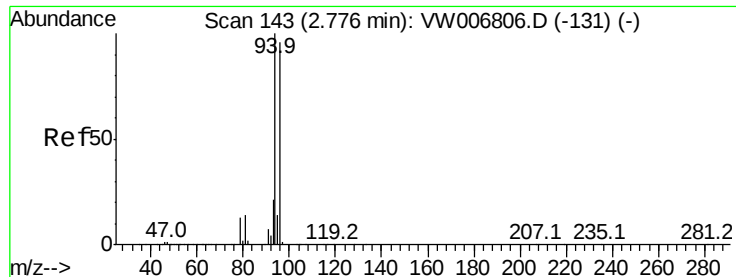
64 32.3 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 119.409 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

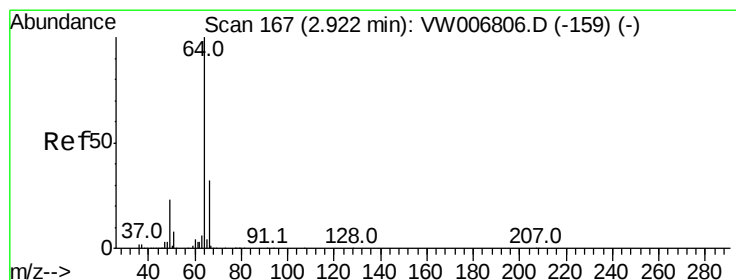
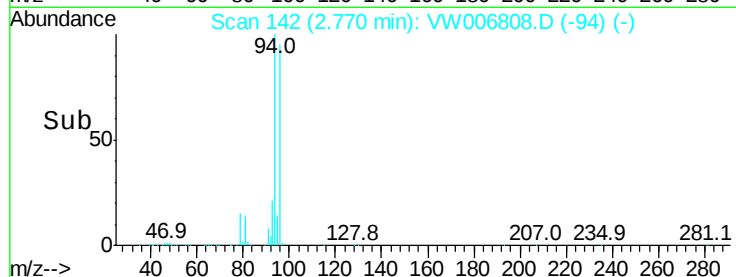
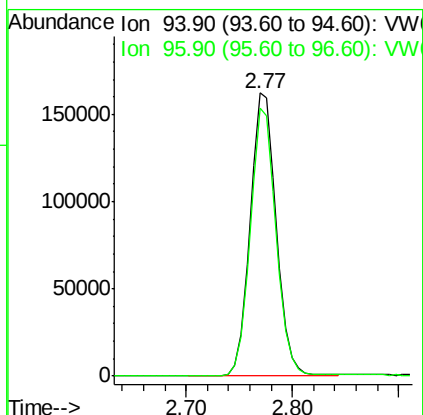
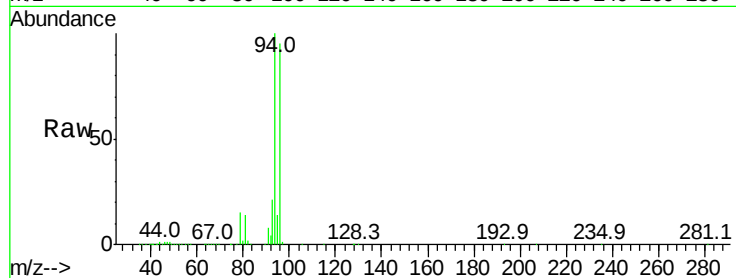
VSTDICC150

Tgt Ion: 94 Resp: 279208

Ion Ratio Lower Upper

94 100

96 94.8 76.8 115.2



#6

Chloroethane

Concen: 136.540 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW006808.D

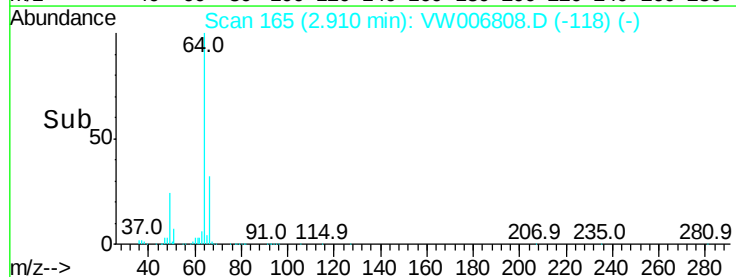
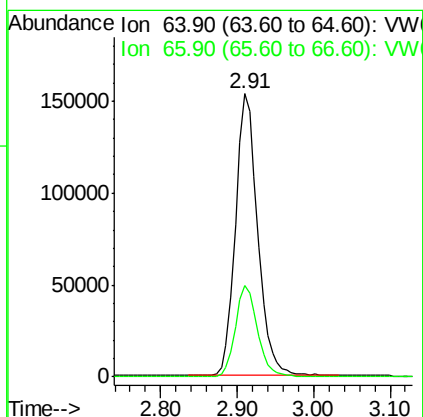
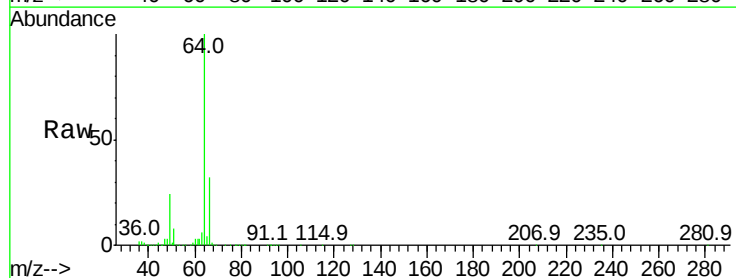
Acq: 12 Nov 2018 14:32

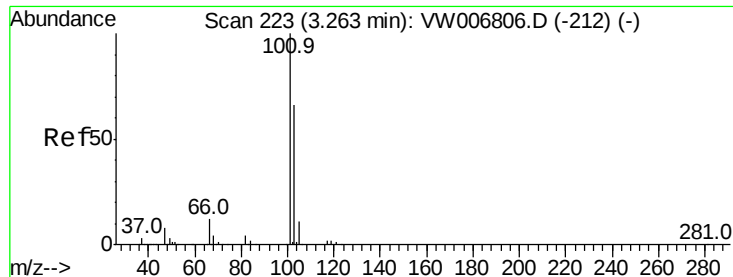
Tgt Ion: 64 Resp: 309939

Ion Ratio Lower Upper

64 100

66 32.2 25.5 38.3



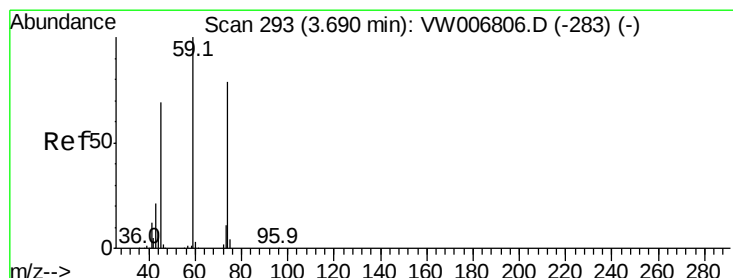
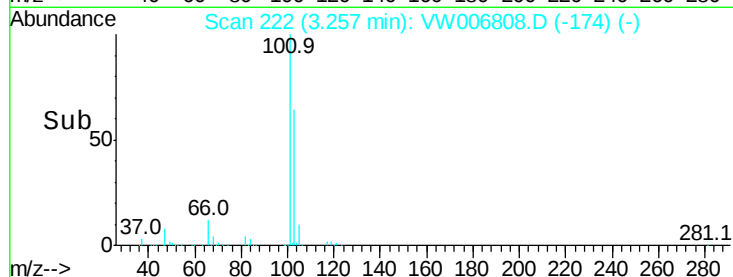
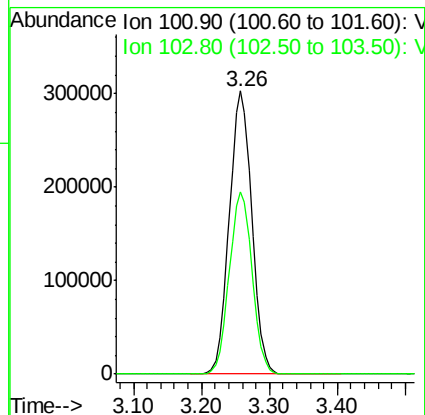
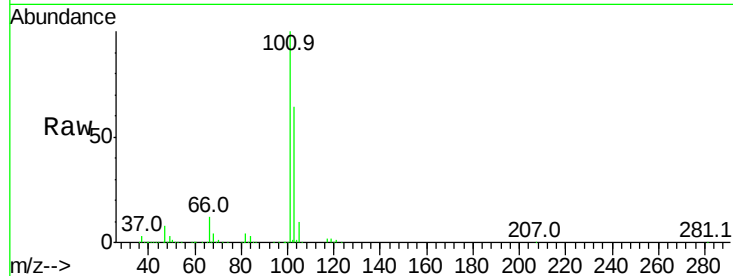


#7

Trichlorofluoromethane
 Concen: 159.116 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

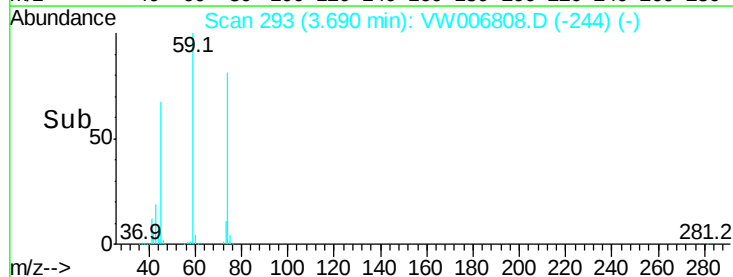
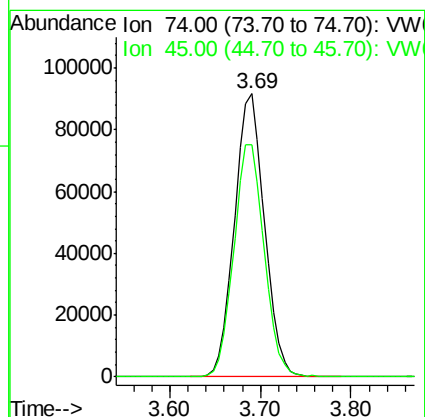
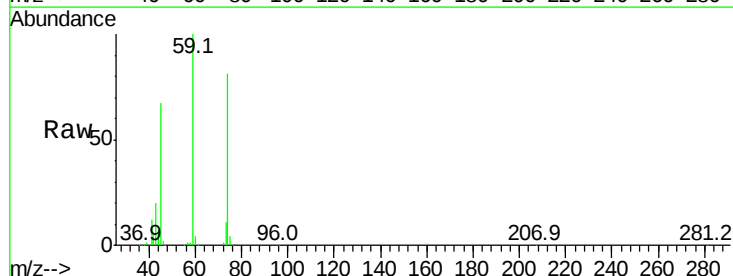
Tgt Ion: 101 Resp: 693450
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.6 79.0

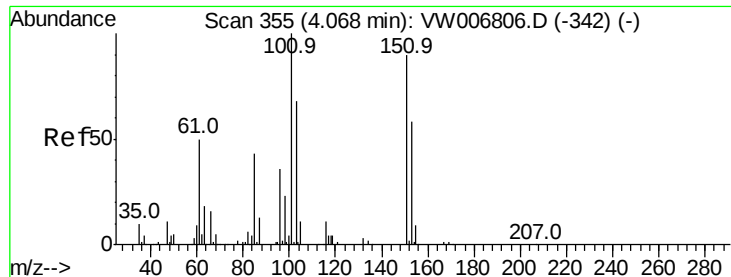


#8

Diethyl Ether
 Concen: 165.809 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Tgt Ion: 74 Resp: 210220
 Ion Ratio Lower Upper
 74 100
 45 83.4 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 152.477 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

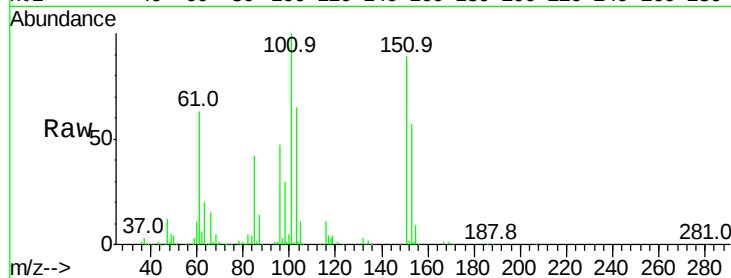
Tgt Ion:101 Resp: 441541

Ion Ratio Lower Upper

101 100

85 41.7 33.8 50.8

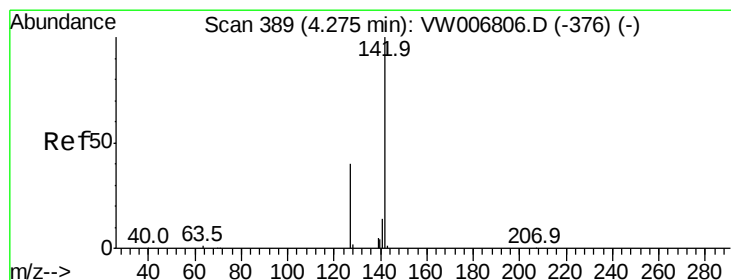
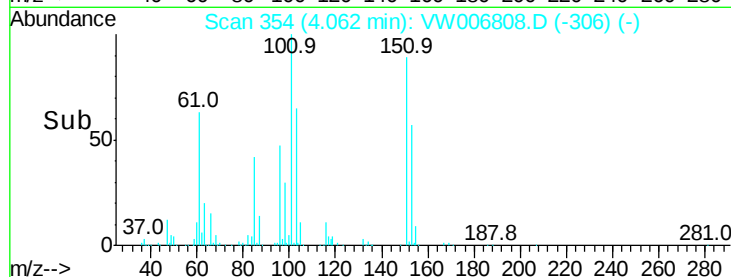
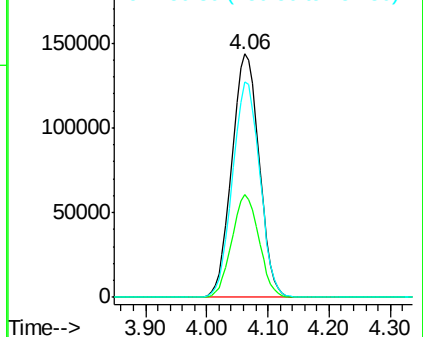
151 88.4 71.4 107.0



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: 166.065 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

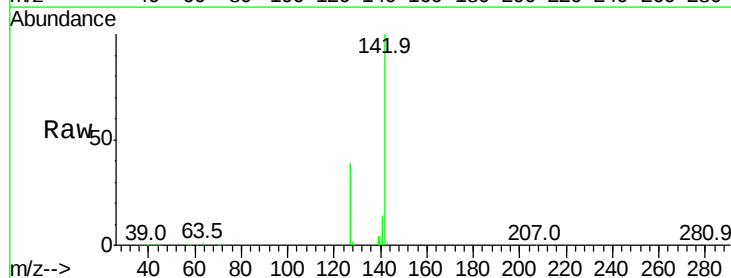
Tgt Ion:142 Resp: 668089

Ion Ratio Lower Upper

142 100

127 39.9 31.8 47.8

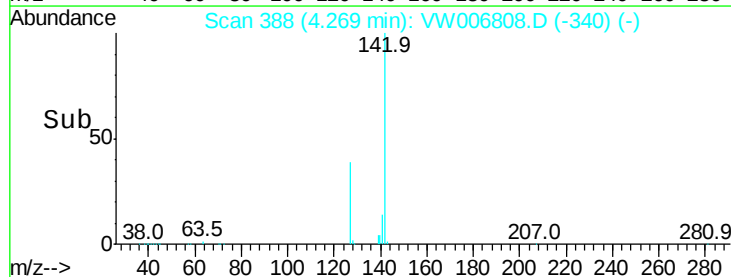
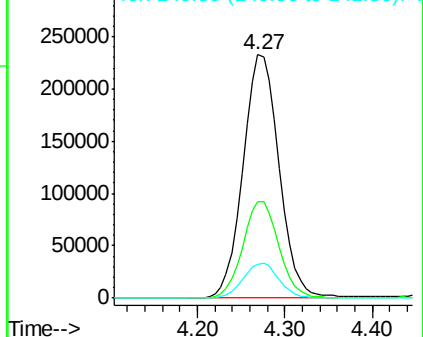
141 14.2 11.5 17.3

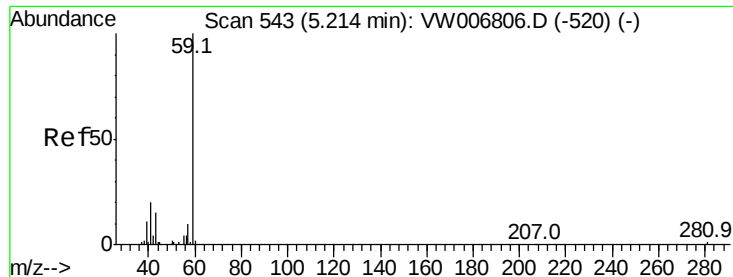


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



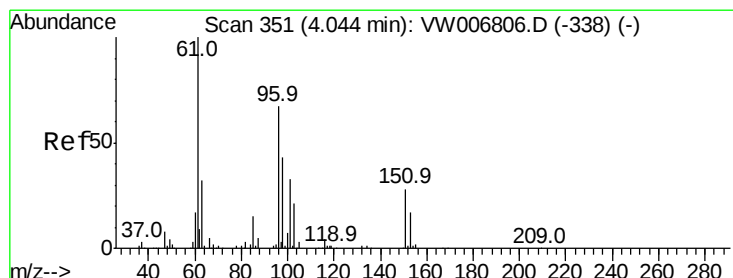
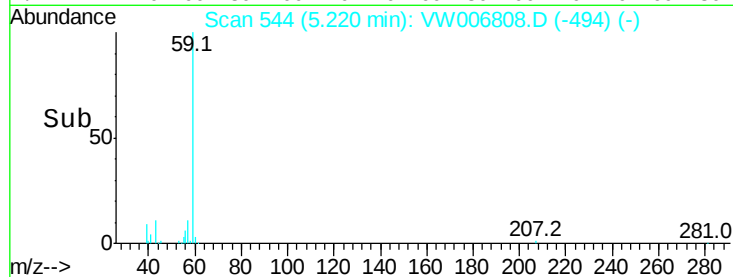
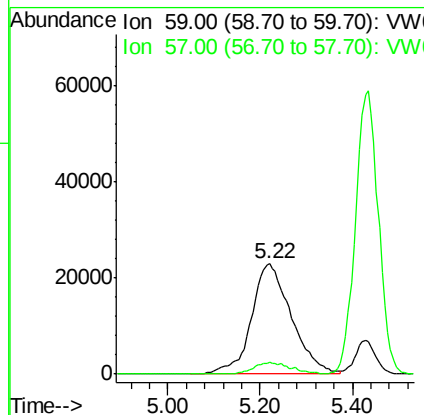
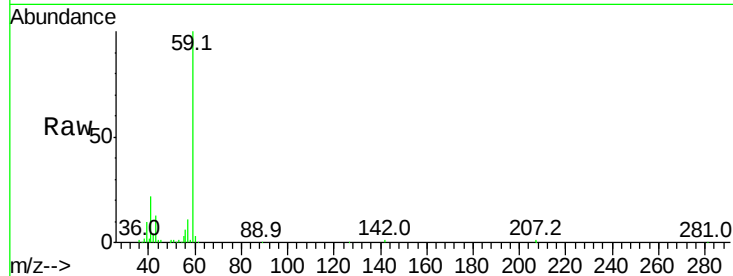


#11

Tert butyl alcohol
 Concen: 849.708 ug/l
 RT: 5.22 min Scan# 544
 Delta R.T. 0.01 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

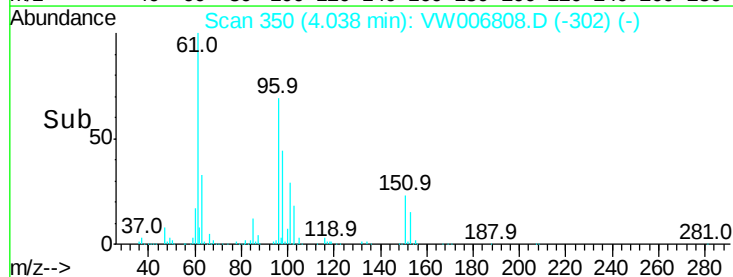
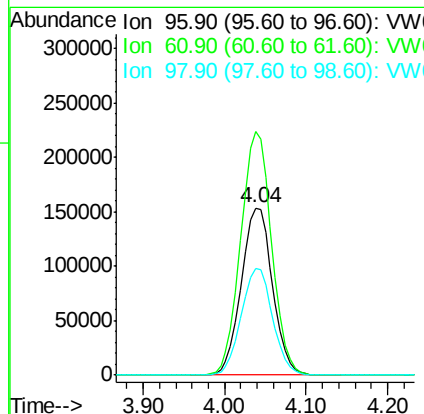
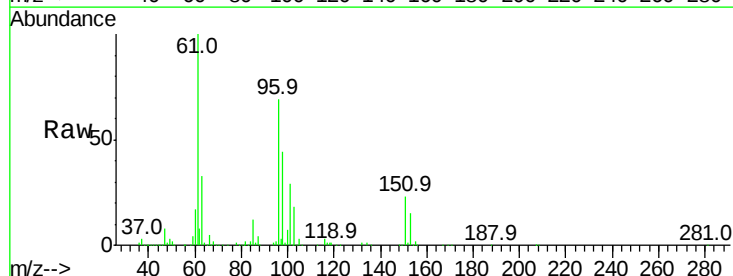
Tgt Ion: 59 Resp: 138542
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.3 12.5

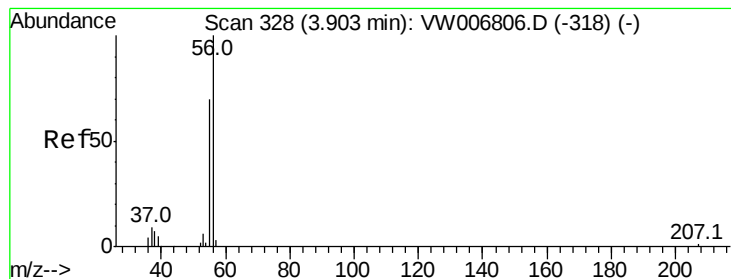


#12

1,1-Dichloroethene
 Concen: 169.380 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Tgt Ion: 96 Resp: 408994
 Ion Ratio Lower Upper
 96 100
 61 145.6 119.8 179.6
 98 63.9 51.5 77.3





#13

Acrolein

Concen: 760.626 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampled :

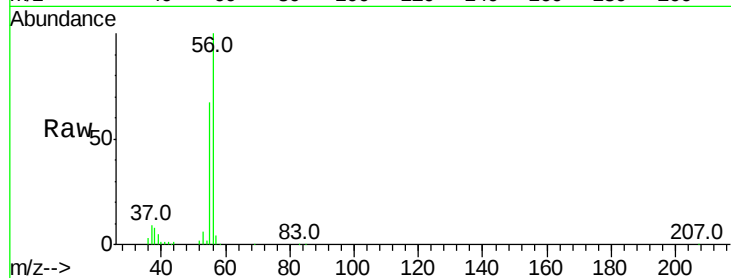
VSTDIC150

Tgt Ion: 56 Resp: 129162

Ion Ratio Lower Upper

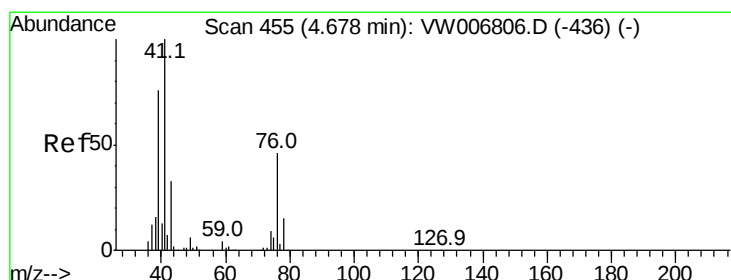
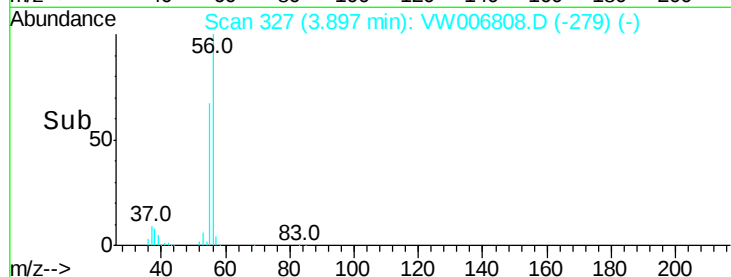
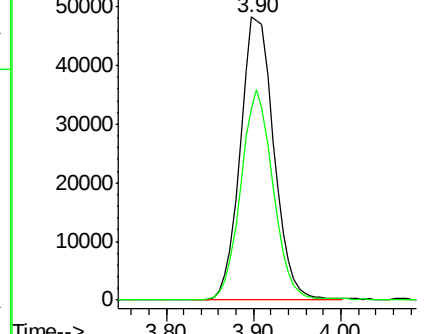
56 100

55 71.3 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 169.050 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

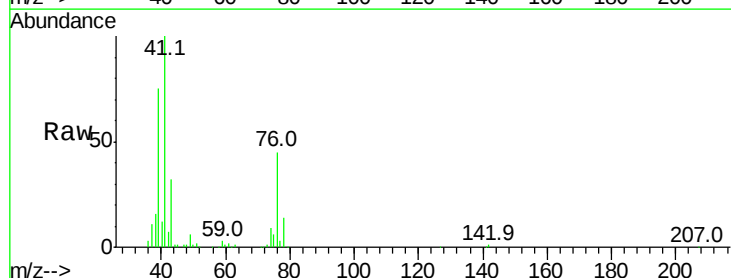
Tgt Ion: 41 Resp: 550265

Ion Ratio Lower Upper

41 100

39 72.9 58.9 88.3

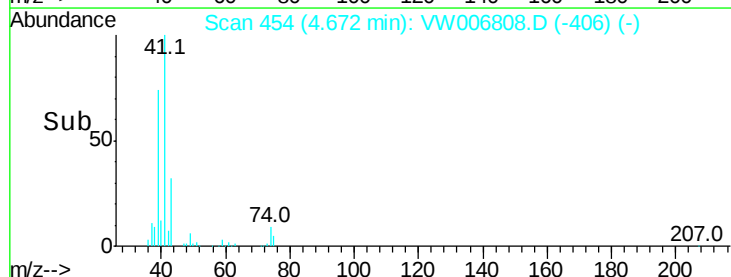
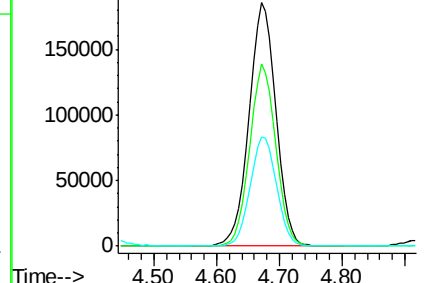
76 43.8 34.4 51.6

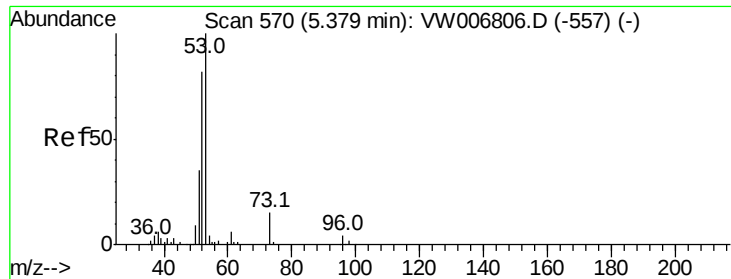


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 820.329 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

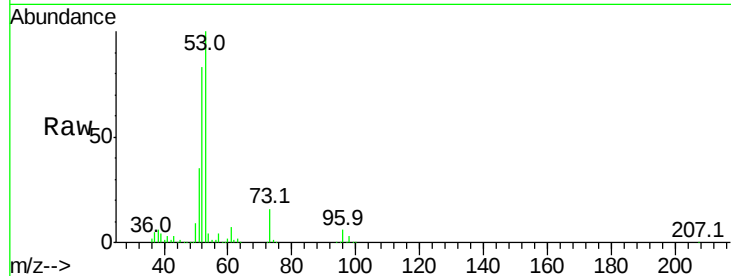
Tgt Ion: 53 Resp: 416303

Ion Ratio Lower Upper

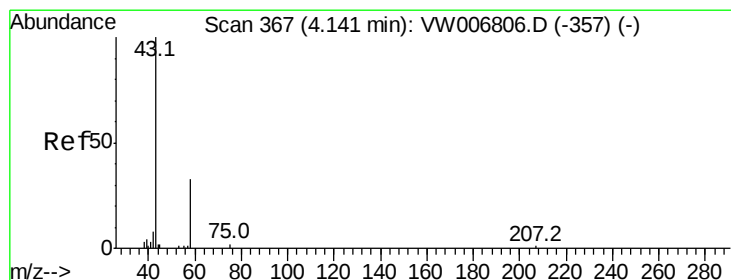
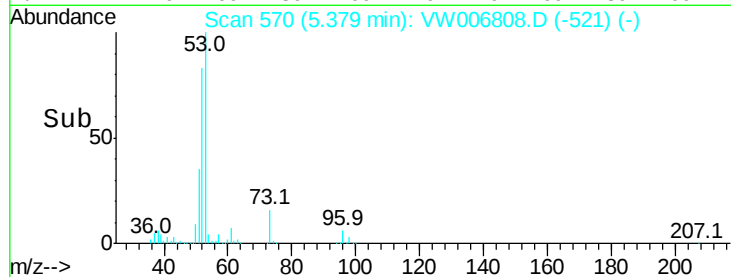
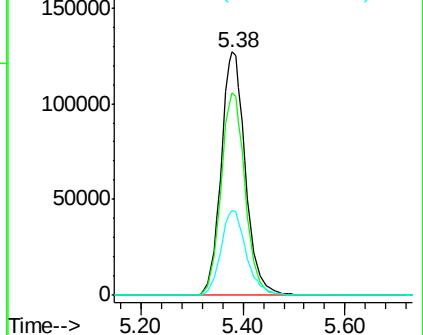
53 100

52 82.4 65.2 97.8

51 36.4 30.0 45.0



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 800.635 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW006808.D

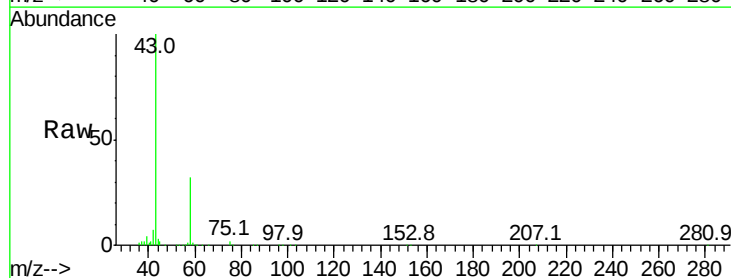
Acq: 12 Nov 2018 14:32

Tgt Ion: 43 Resp: 287100

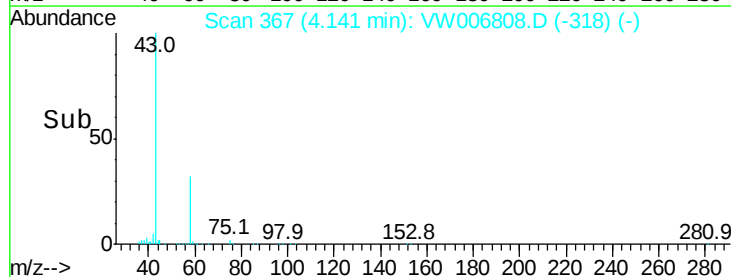
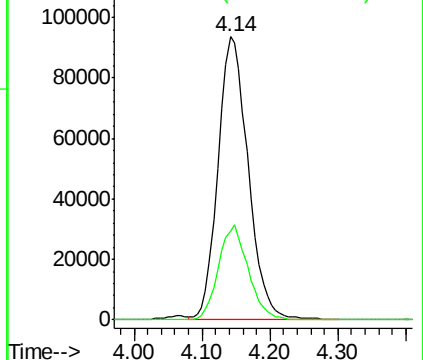
Ion Ratio Lower Upper

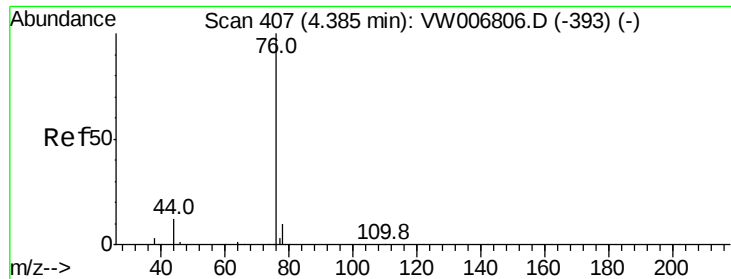
43 100

58 31.5 26.5 39.7



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





#17

Carbon Disulfide

Concen: 164.898 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

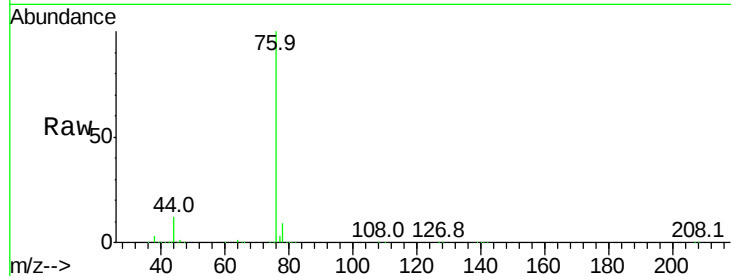
VSTDIC150

Tgt Ion: 76 Resp: 1313447

Ion Ratio Lower Upper

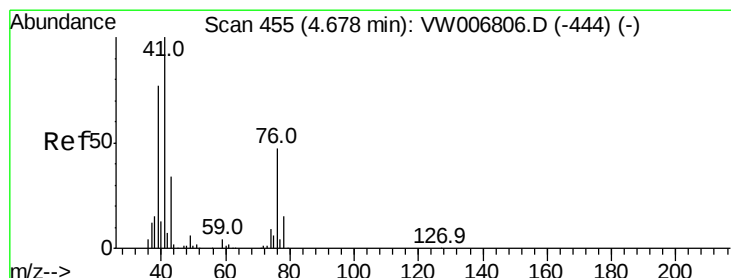
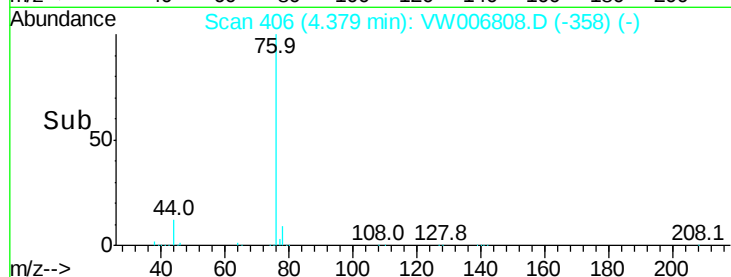
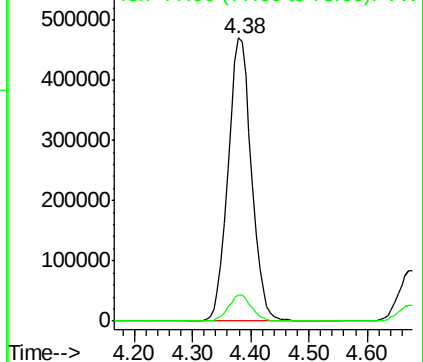
76 100

78 9.2 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 156.280 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW006808.D

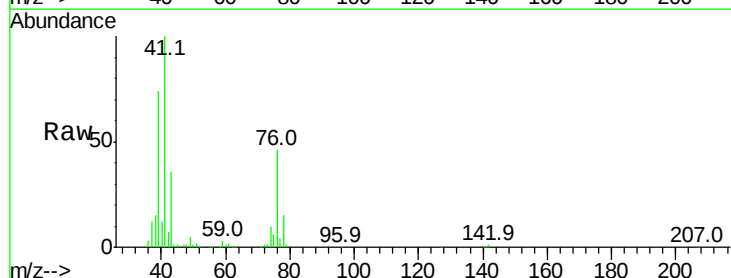
Acq: 12 Nov 2018 14:32

Tgt Ion: 43 Resp: 196657

Ion Ratio Lower Upper

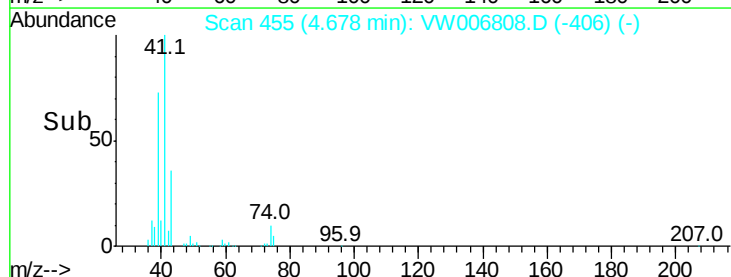
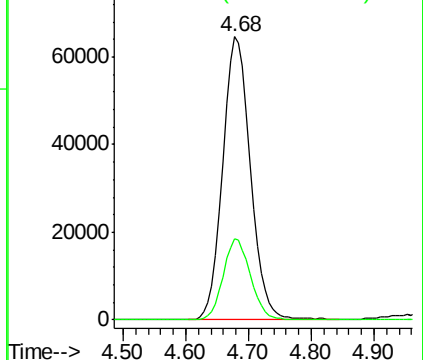
43 100

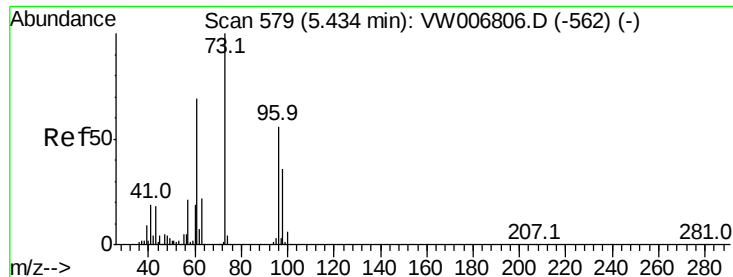
74 28.4 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

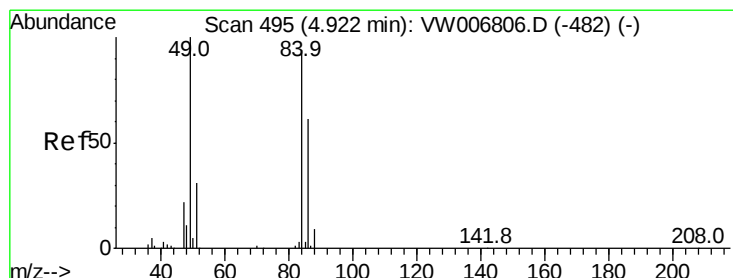
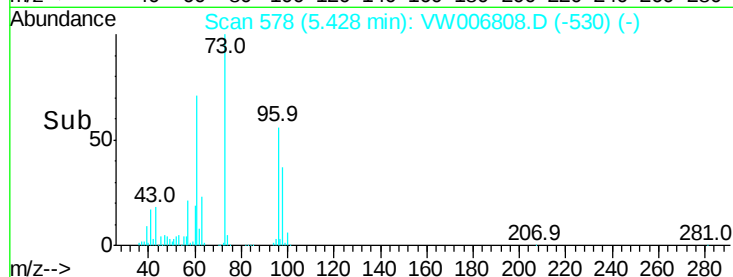
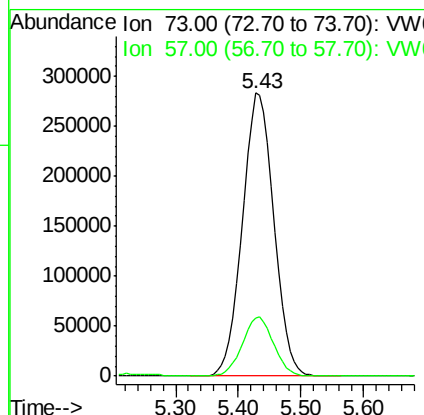
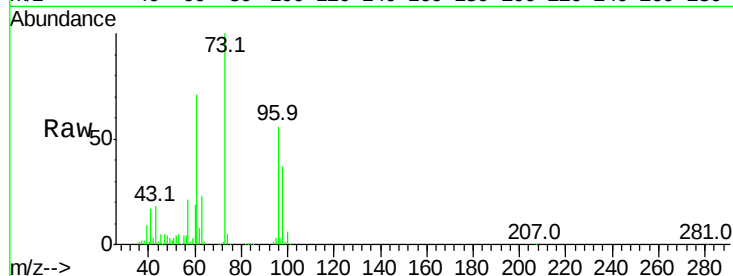




#19
Methyl tert-butyl Ether
Concen: 165.830 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

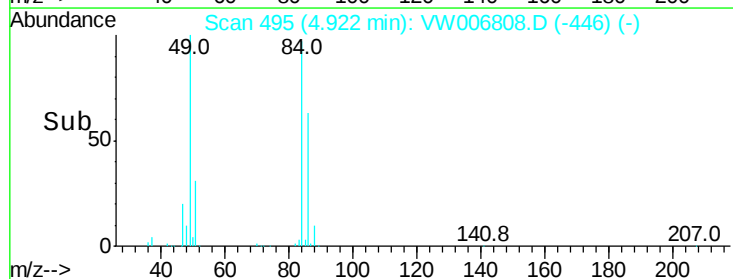
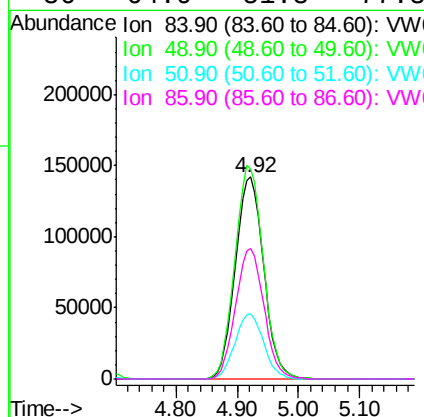
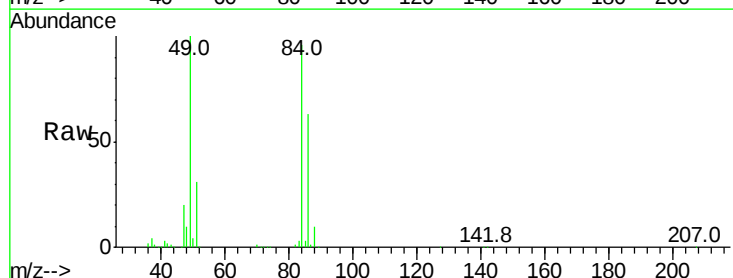
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

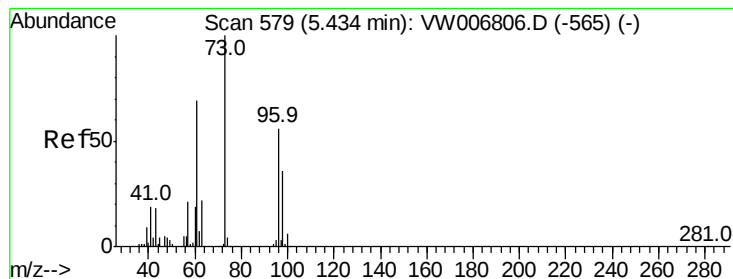
Tgt Ion: 73 Resp: 980755
Ion Ratio Lower Upper
73 100
57 20.6 16.8 25.2



#20
Methylene Chloride
Concen: 131.121 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Tgt Ion: 84 Resp: 454553
Ion Ratio Lower Upper
84 100
49 103.7 84.8 127.2
51 32.1 26.2 39.4
86 64.9 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 163.907 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

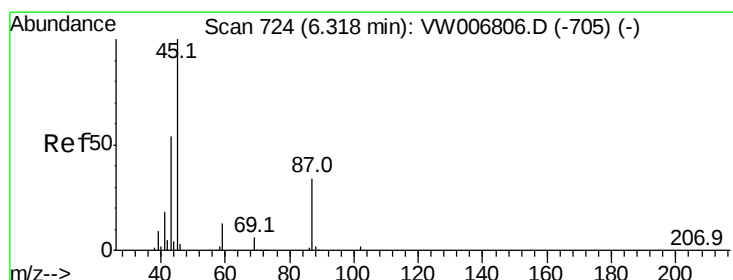
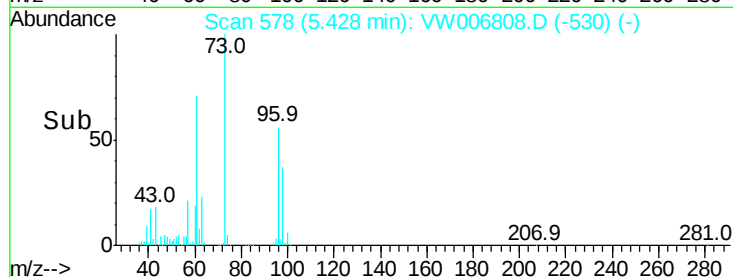
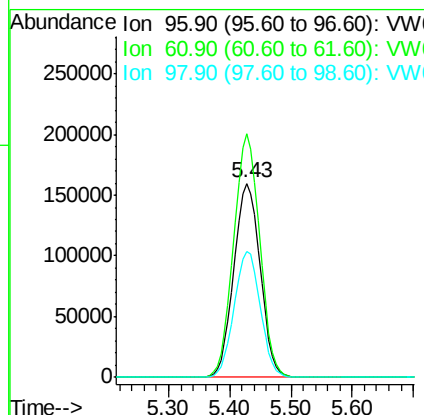
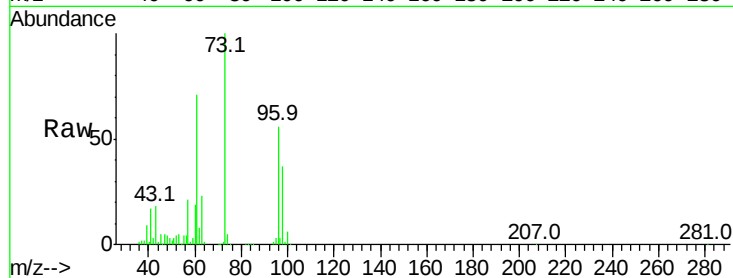
Tgt Ion: 96 Resp: 473404

Ion Ratio Lower Upper

96 100

61 125.6 98.7 148.1

98 64.8 51.2 76.8



#22

Diisopropyl ether

Concen: 166.918 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Tgt Ion: 45 Resp: 1145017

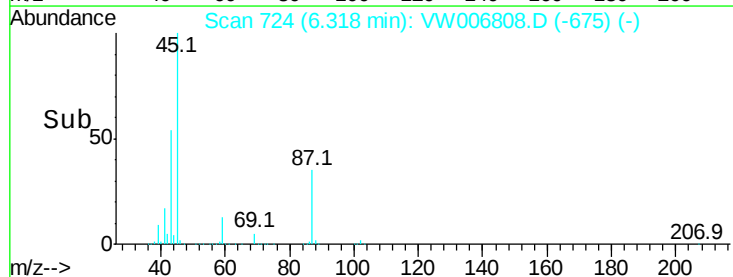
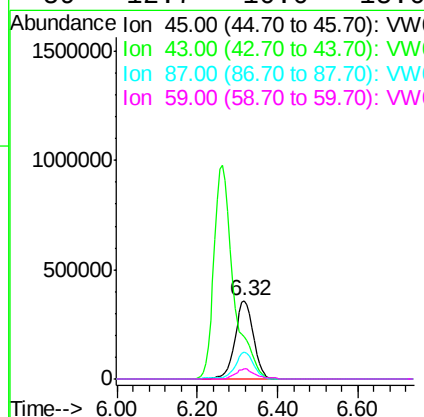
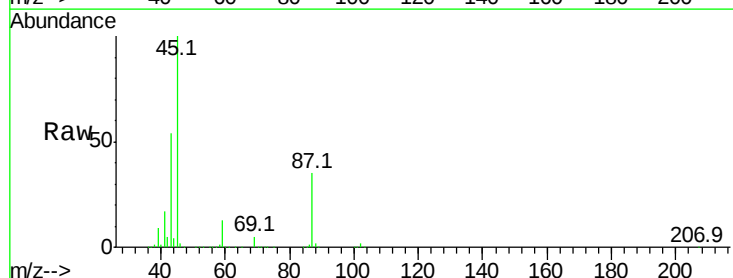
Ion Ratio Lower Upper

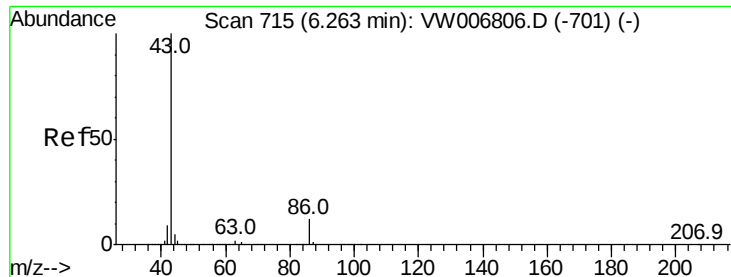
45 100

43 53.6 43.7 65.5

87 34.6 27.2 40.8

59 12.7 10.0 15.0





#23

Vinyl Acetate

Concen: 836.693 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

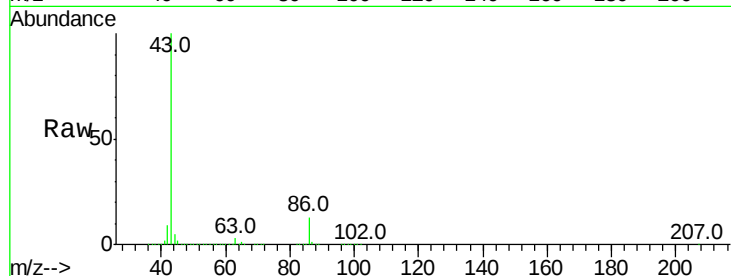
VSTDIC150

Tgt Ion: 43 Resp: 3273430

Ion Ratio Lower Upper

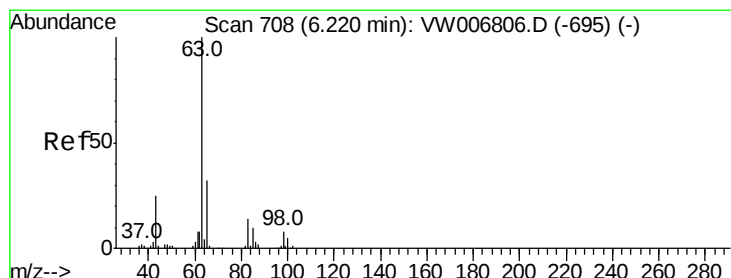
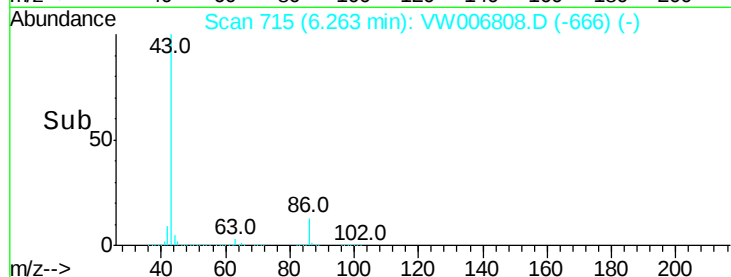
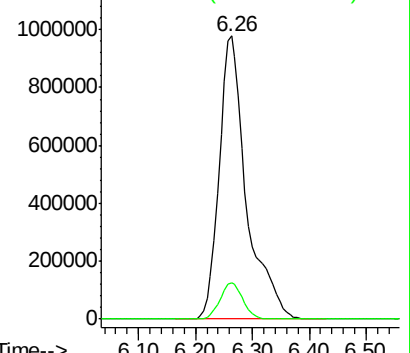
43 100

86 12.7 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 165.686 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

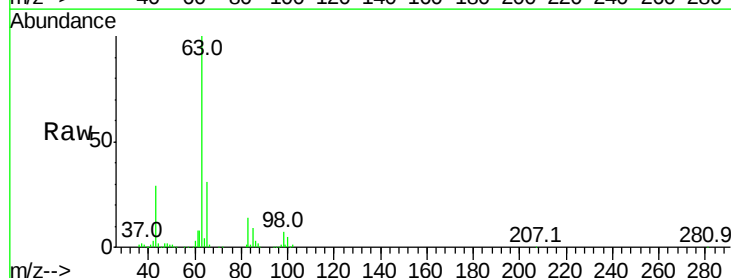
Tgt Ion: 63 Resp: 743508

Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.5

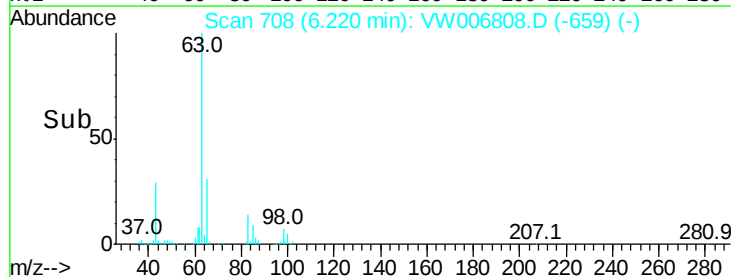
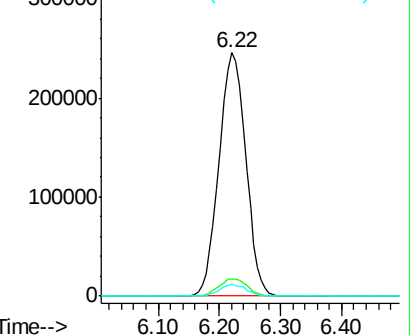
100 4.9 2.4 7.2

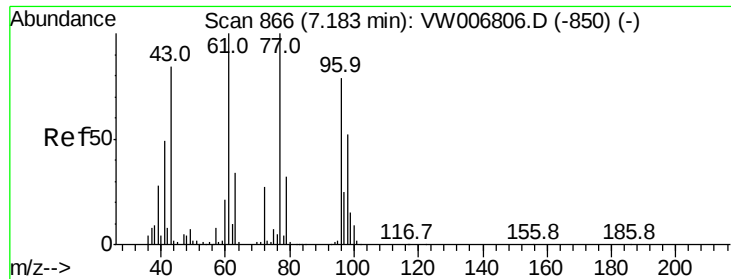


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 803.909 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

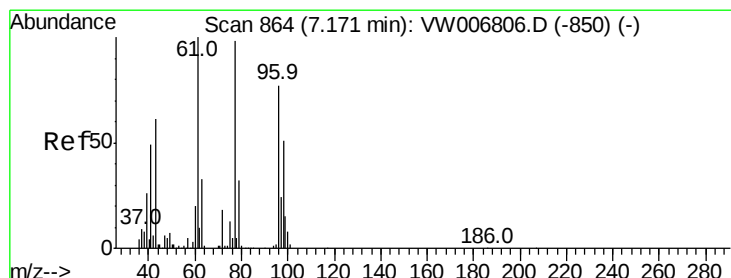
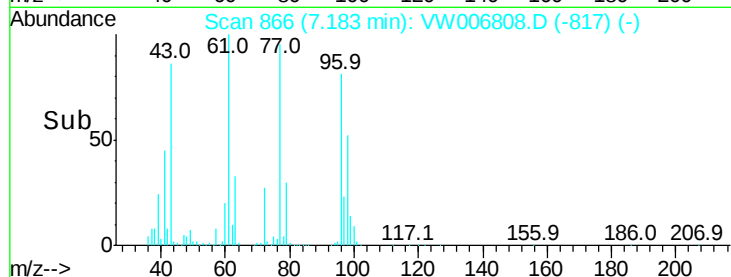
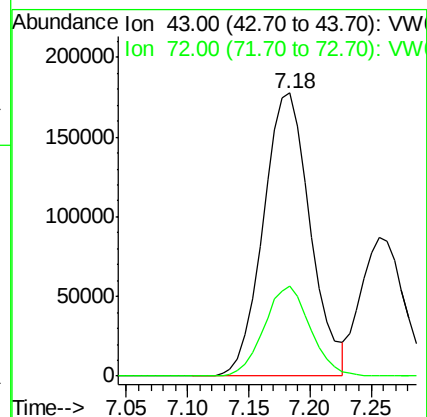
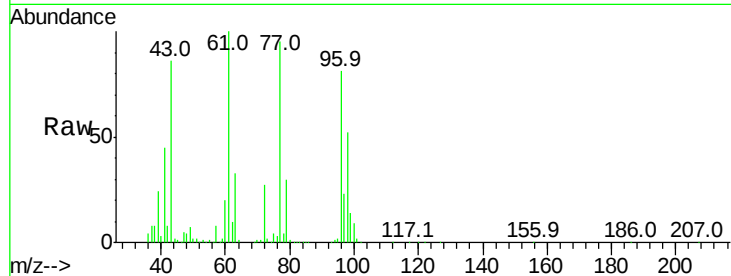
VSTDIC150

Tgt Ion: 43 Resp: 475971

Ion Ratio Lower Upper

43 100

72 31.8 25.3 37.9



#26

2,2-Dichloropropane

Concen: 156.616 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006808.D

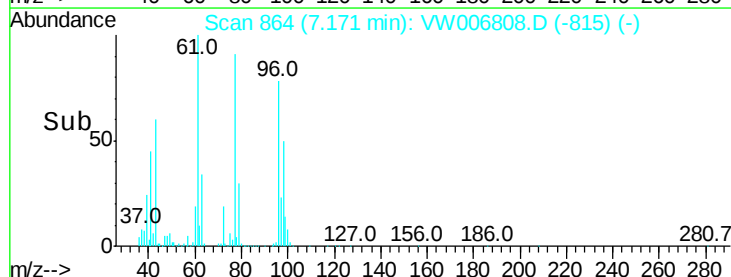
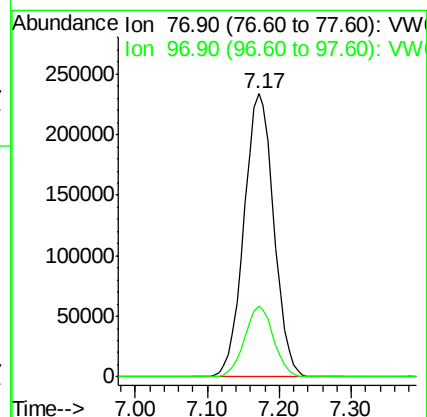
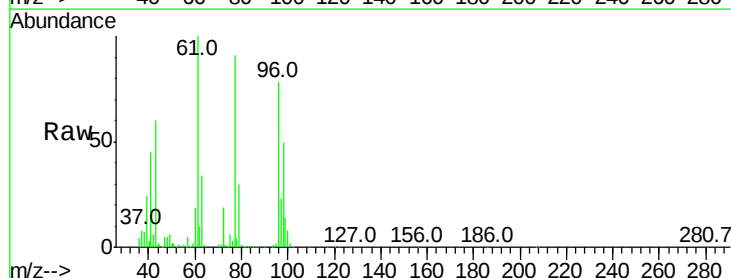
Acq: 12 Nov 2018 14:32

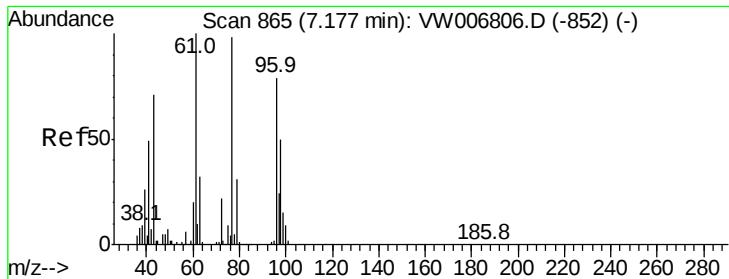
Tgt Ion: 77 Resp: 669606

Ion Ratio Lower Upper

77 100

97 24.4 12.0 36.1



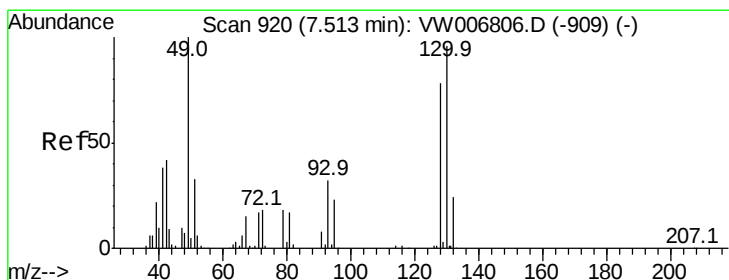
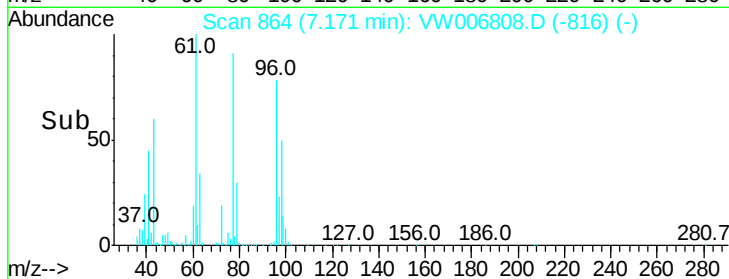
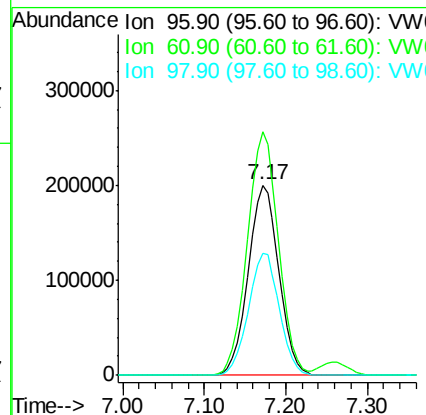
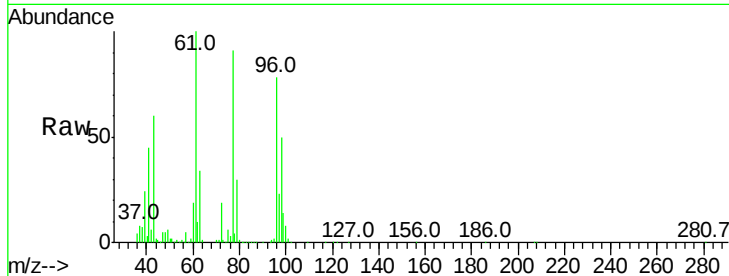


#27

cis-1,2-Dichloroethene
Concen: 168.774 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

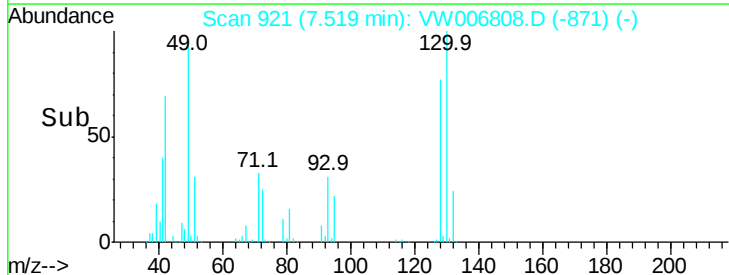
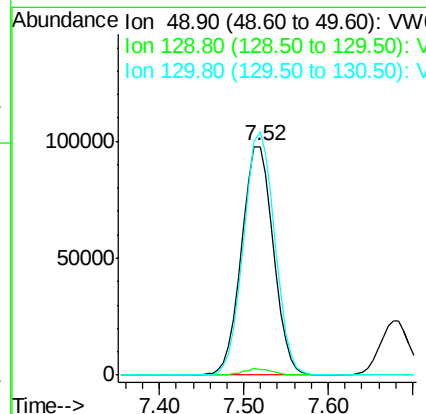
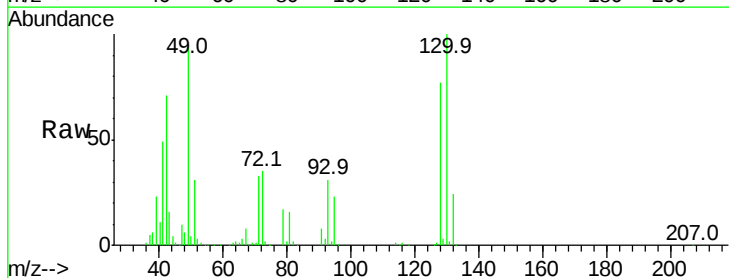
Tgt Ion: 96 Resp: 522316
Ion Ratio Lower Upper
96 100
61 130.0 0.0 264.0
98 64.7 0.0 131.0

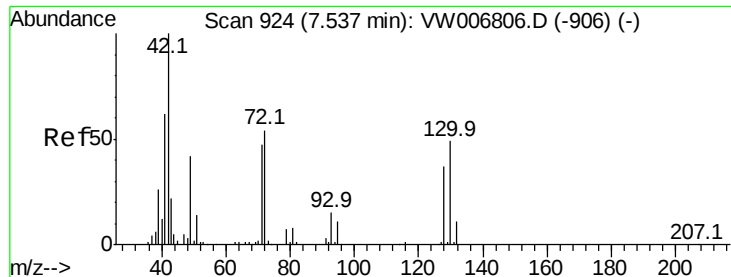


#28

Bromochloromethane
Concen: 148.268 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Tgt Ion: 49 Resp: 249206
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.6
130 104.2 83.3 124.9





#29

Tetrahydrofuran

Concen: 830.686 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

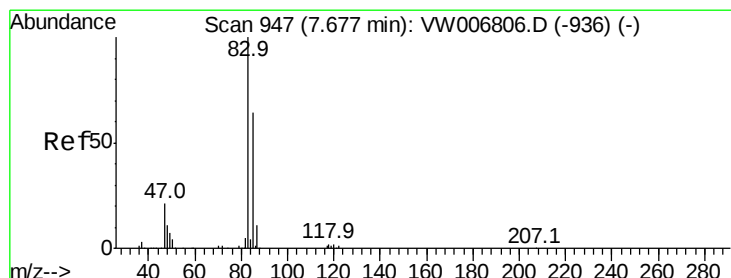
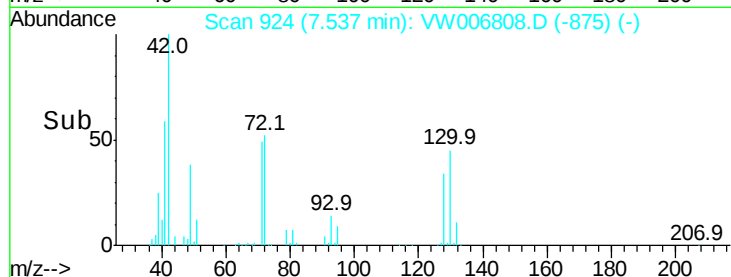
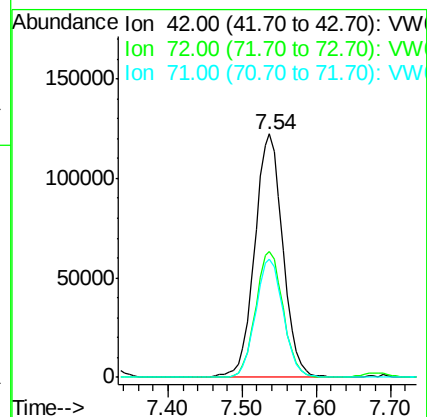
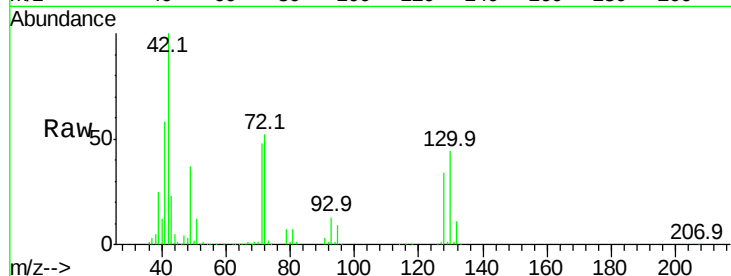
Tgt Ion: 42 Resp: 322355

Ion Ratio Lower Upper

42 100

72 50.9 40.9 61.3

71 48.0 36.9 55.3



#30

Chloroform

Concen: 162.193 ug/l

RT: 7.68 min Scan# 948

Delta R.T. 0.01 min

Lab File: VW006808.D

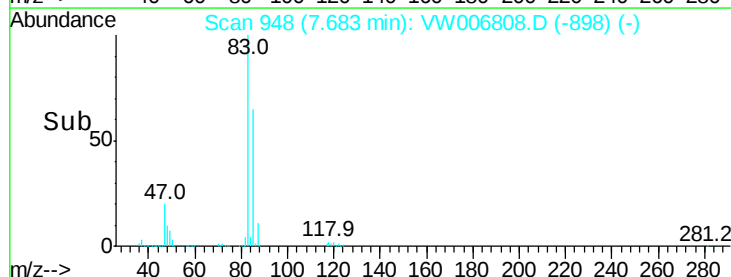
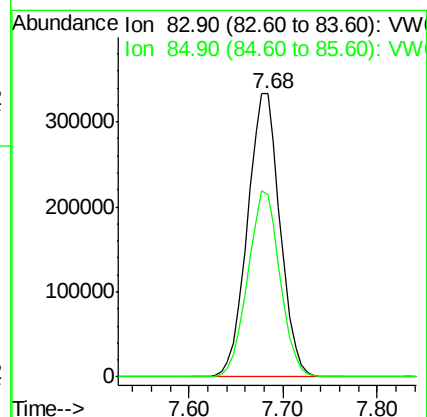
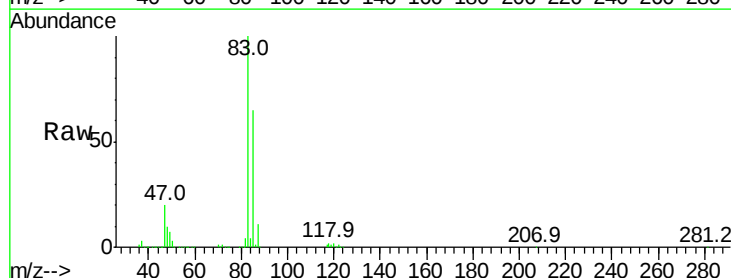
Acq: 12 Nov 2018 14:32

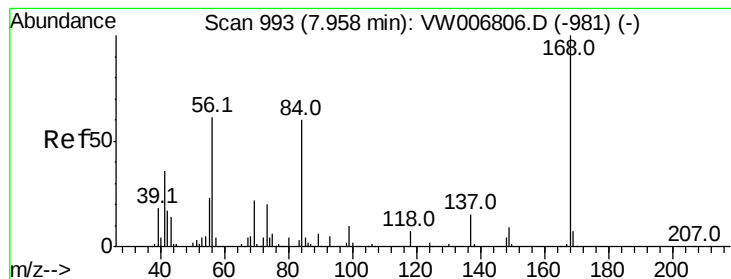
Tgt Ion: 83 Resp: 806468

Ion Ratio Lower Upper

83 100

85 64.6 51.5 77.3





#31

Cyclohexane

Concen: 141.304 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

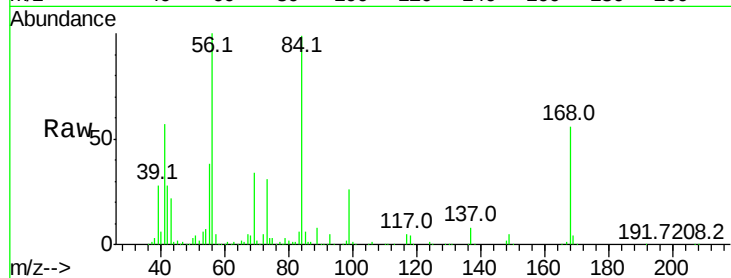
Tgt Ion: 56 Resp: 653048

Ion Ratio Lower Upper

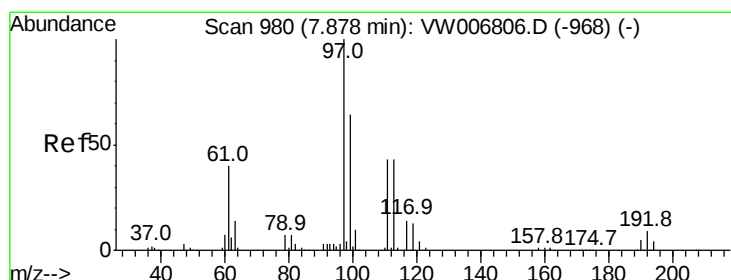
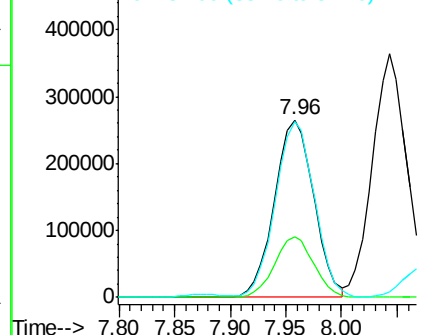
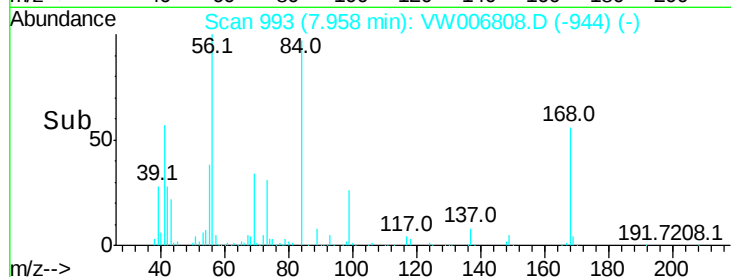
56 100

69 34.3 28.9 43.3

84 97.5 79.0 118.4



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



#32

1,1,1-Trichloroethane

Concen: 152.798 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

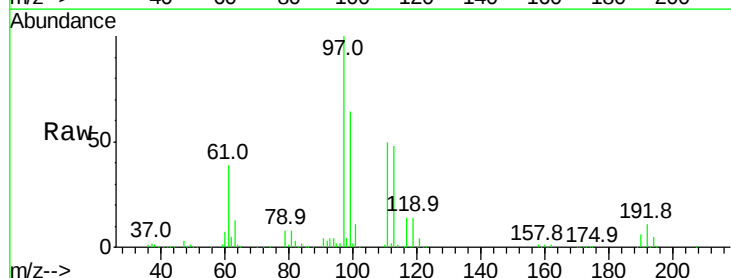
Tgt Ion: 97 Resp: 721054

Ion Ratio Lower Upper

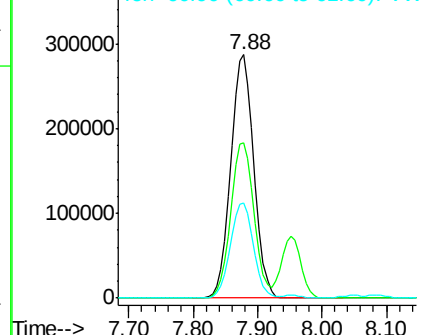
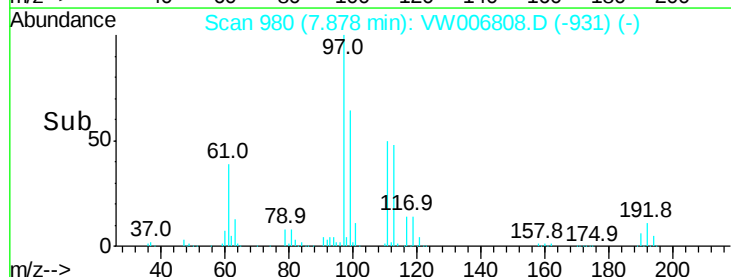
97 100

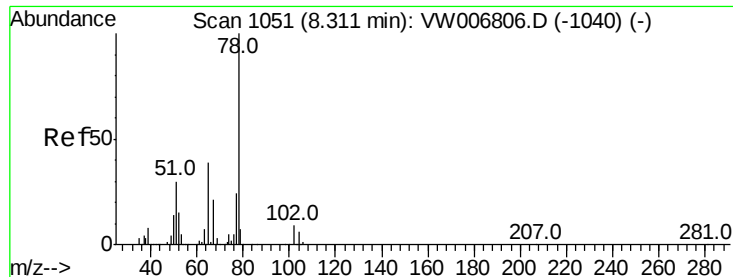
99 65.1 51.6 77.4

61 39.5 32.2 48.4



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

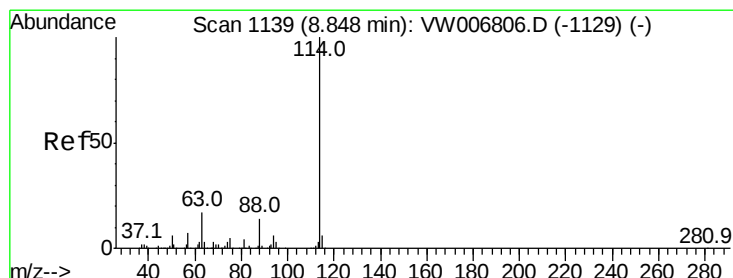
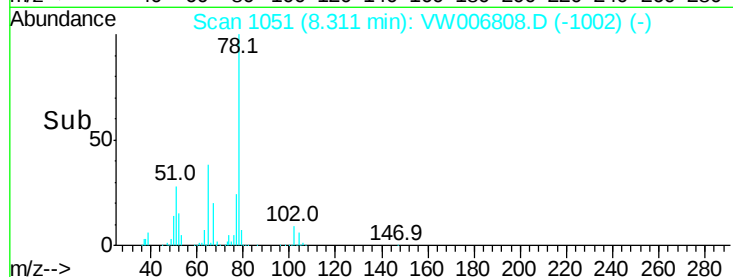
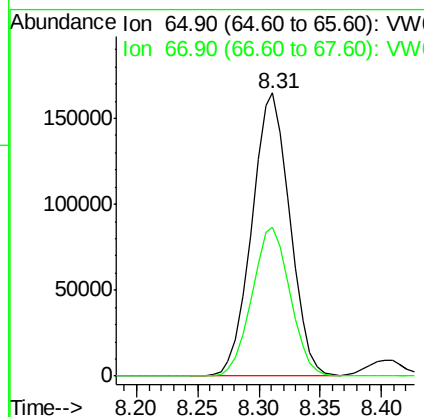
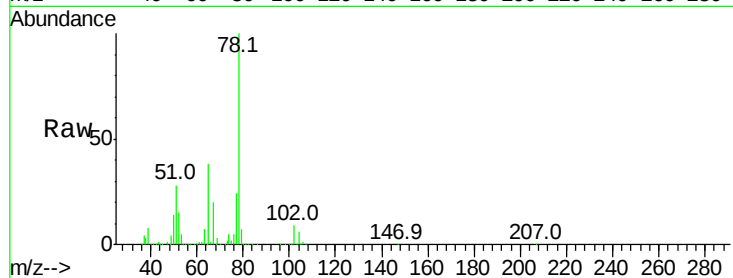




#33
 1,2-Dichloroethane-d4
 Concen: 143.653 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

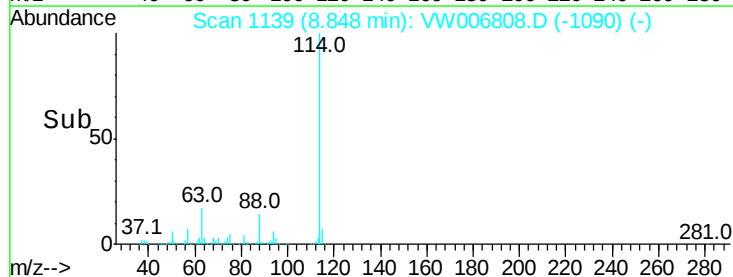
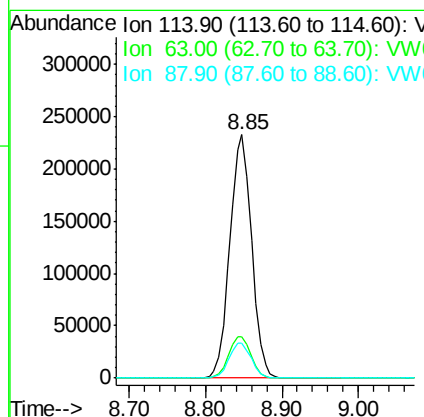
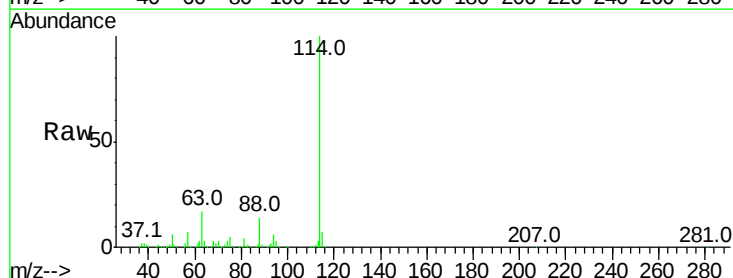
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

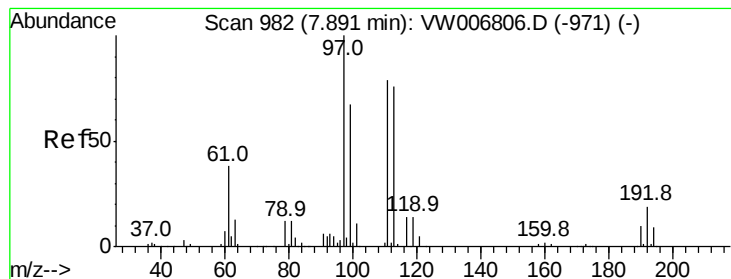
Tgt Ion: 65 Resp: 355866
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Tgt Ion: 114 Resp: 456603
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 33.6
 88 14.3 0.0 28.4





#35

Dibromofluoromethane

Concen: 152.982 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

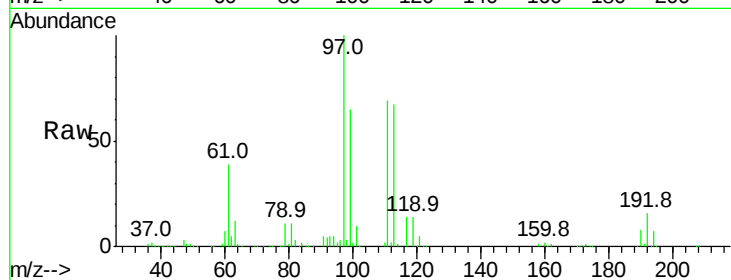
Tgt Ion:113 Resp: 397585

Ion Ratio Lower Upper

113 100

111 101.9 81.0 121.6

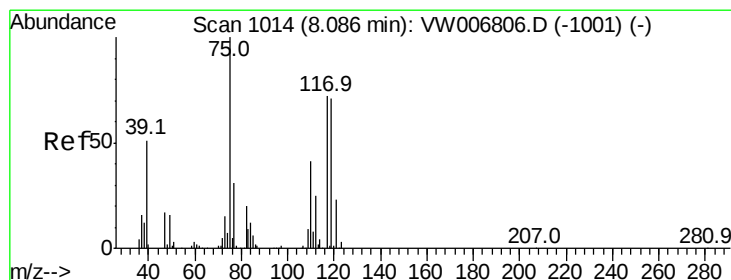
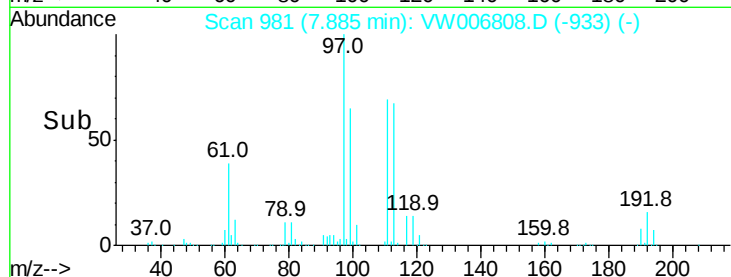
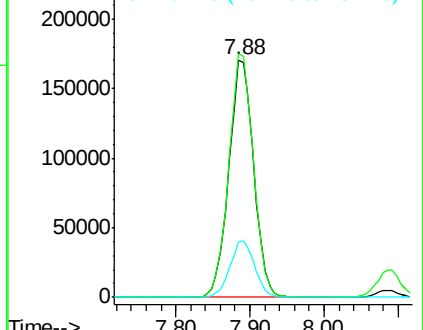
192 23.8 19.0 28.6



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: 148.304 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

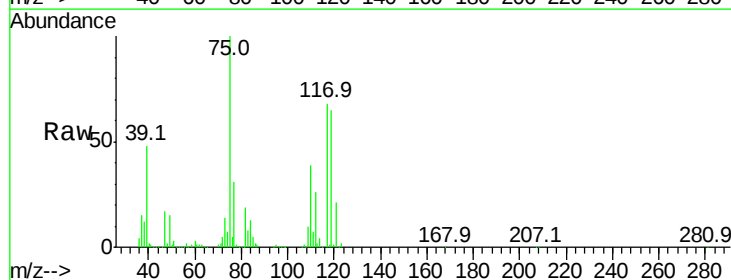
Tgt Ion: 75 Resp: 614467

Ion Ratio Lower Upper

75 100

110 39.7 19.9 59.6

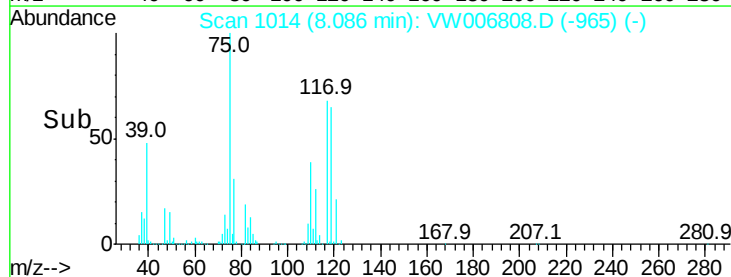
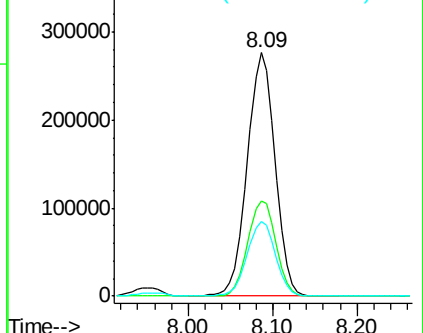
77 31.4 25.4 38.2

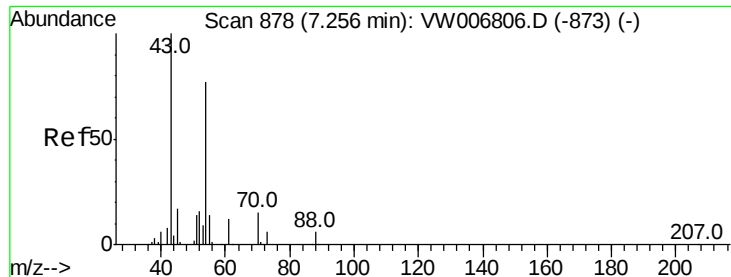


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

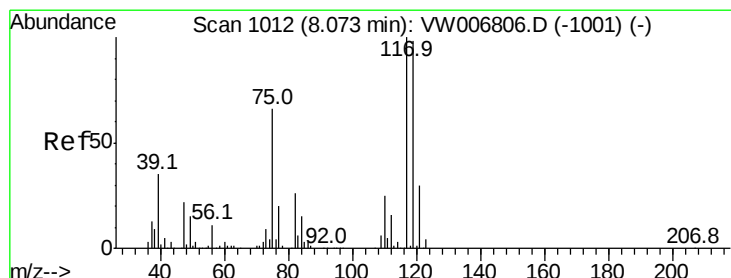
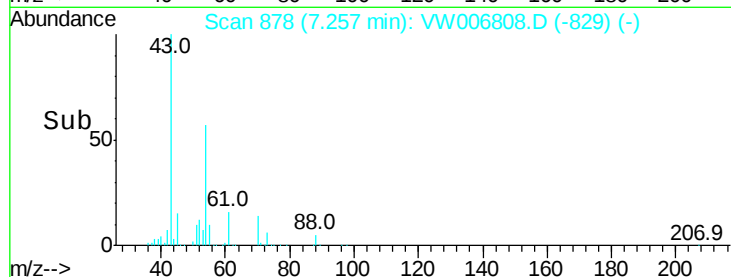
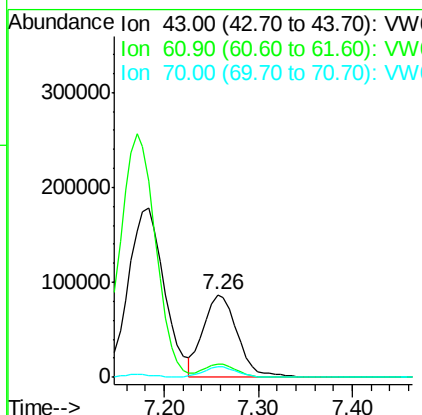
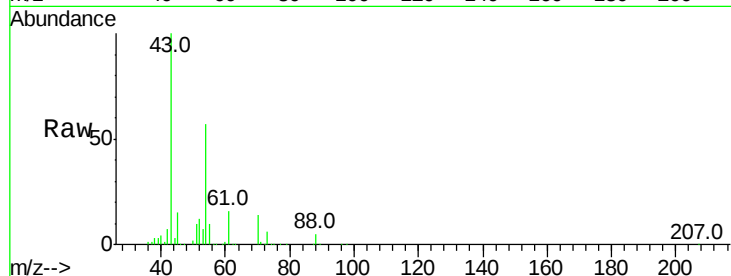




#37
Ethyl Acetate
Concen: 148.305 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

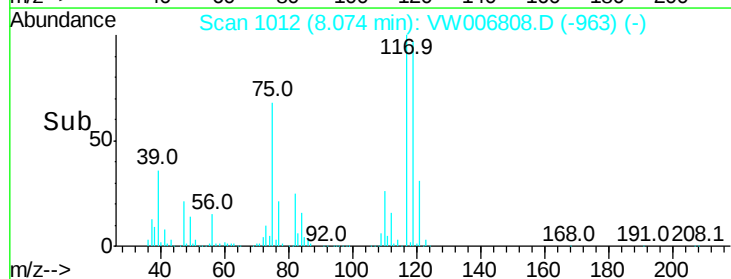
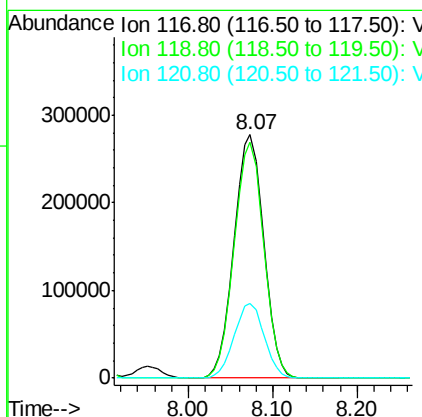
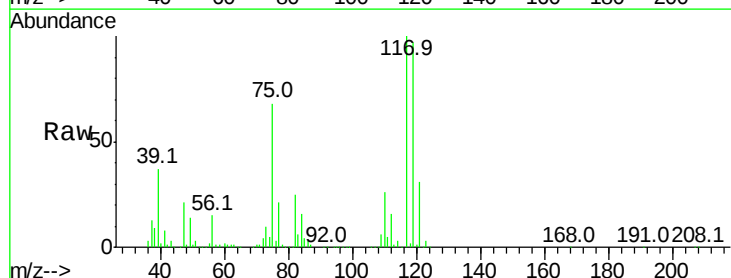
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

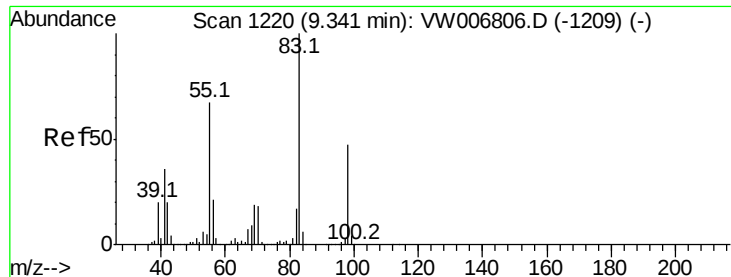
Tgt Ion: 43 Resp: 218217
Ion Ratio Lower Upper
43 100
61 15.3 11.7 17.5
70 12.8 10.0 15.0



#38
Carbon Tetrachloride
Concen: 149.593 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Tgt Ion: 117 Resp: 662224
Ion Ratio Lower Upper
117 100
119 96.7 78.5 117.7
121 30.5 24.2 36.2

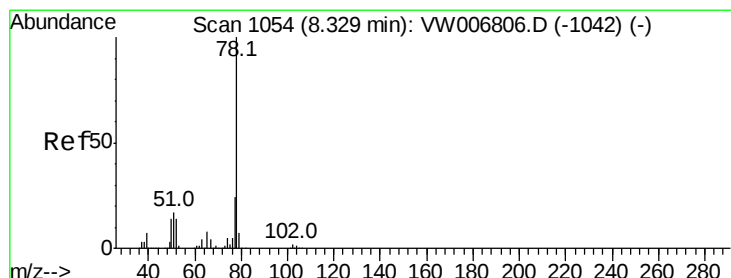
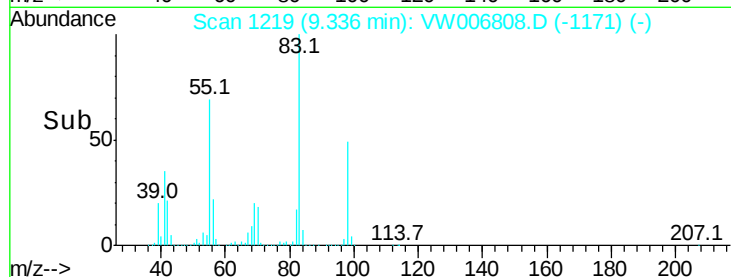
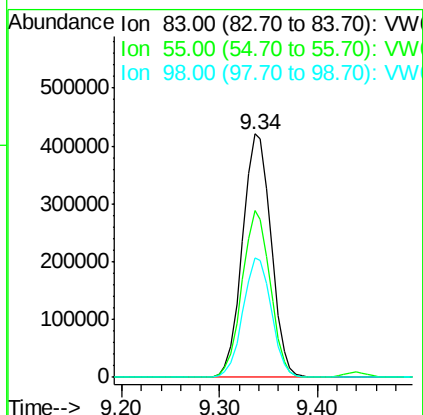
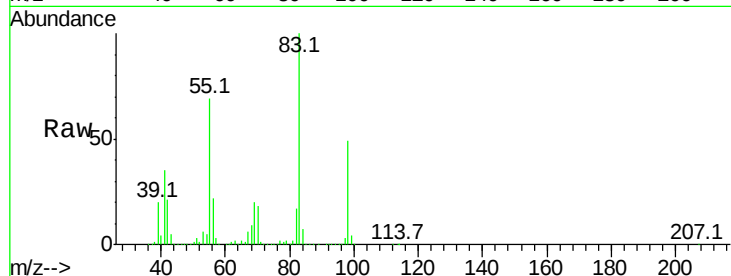




#39
Methylcyclohexane
Concen: 162.645 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

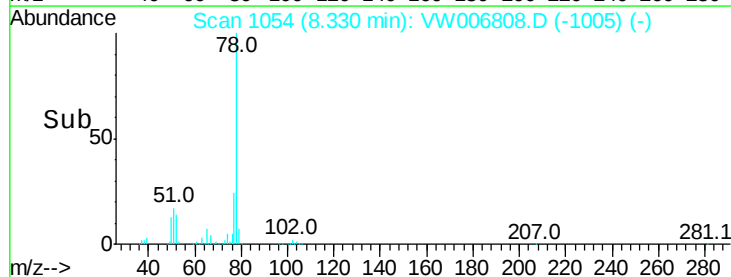
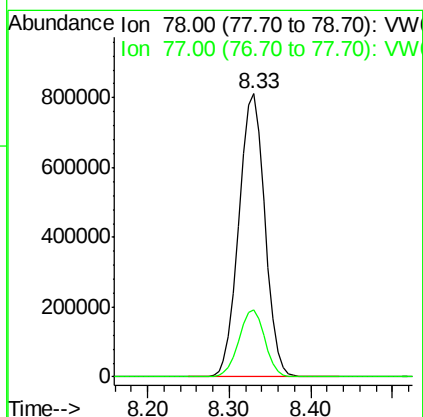
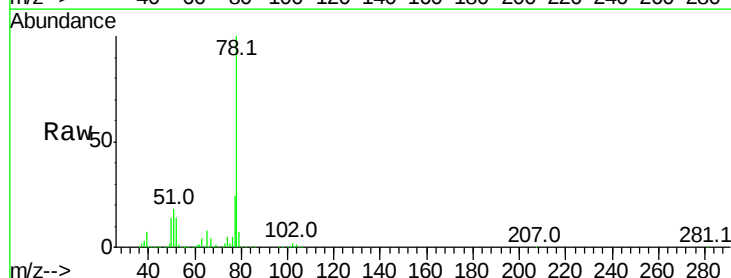
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

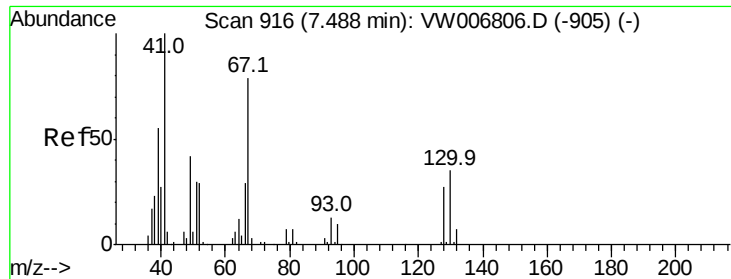
Tgt Ion: 83 Resp: 858001
Ion Ratio Lower Upper
83 100
55 68.6 53.3 79.9
98 49.1 37.9 56.9



#40
Benzene
Concen: 152.904 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Tgt Ion: 78 Resp: 1788934
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6

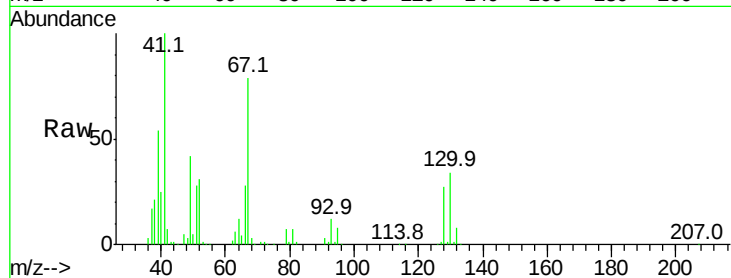




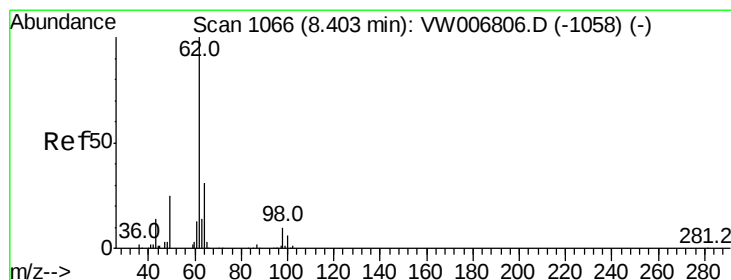
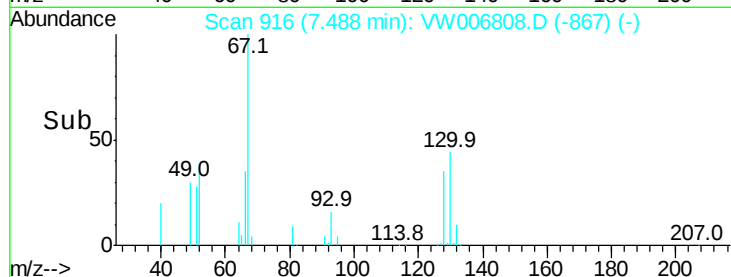
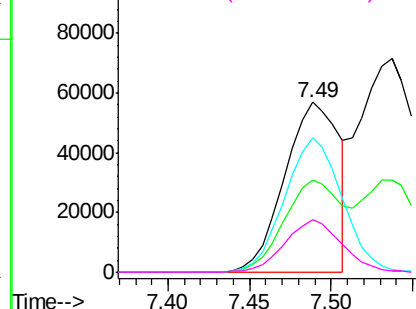
#41
Methacrylonitrile
Concen: 154.521 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:	41	Resp:	131906
Ion	Ratio	Lower	Upper
41	100		
39	60.0	48.1	72.1
67	83.7	61.4	92.2
52	32.5	23.2	34.8

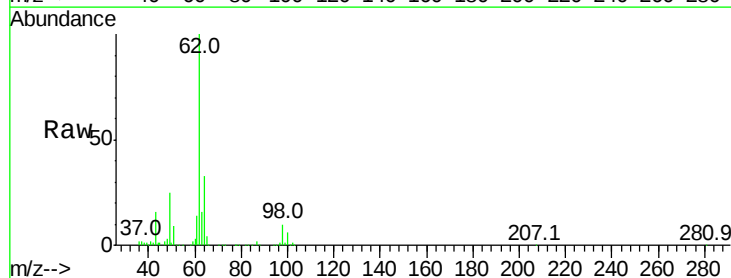


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

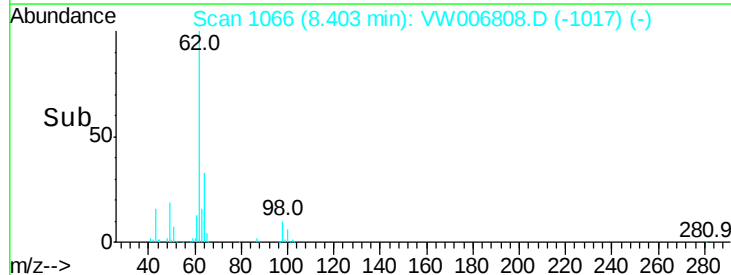
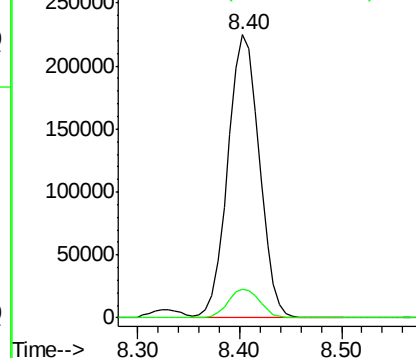


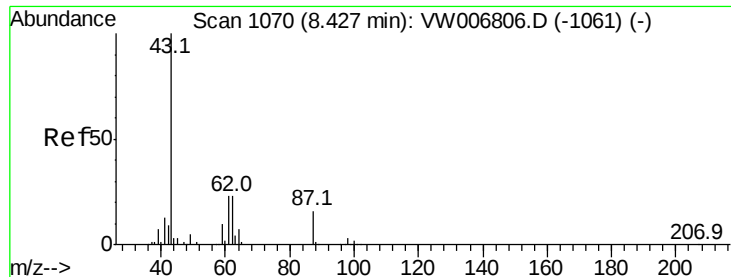
#42
1,2-Dichloroethane
Concen: 150.982 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Tgt Ion:	62	Resp:	480829
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.0



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





#43

Isopropyl Acetate

Concen: 165.610 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

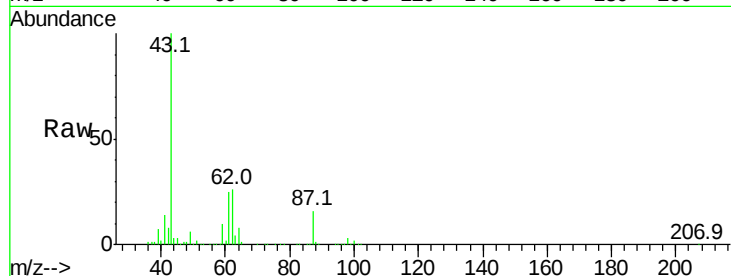
Tgt Ion: 43 Resp: 456817

Ion Ratio Lower Upper

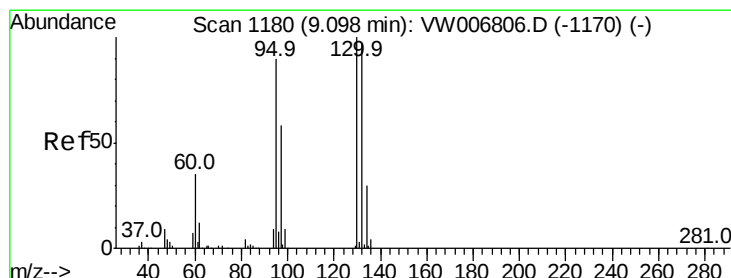
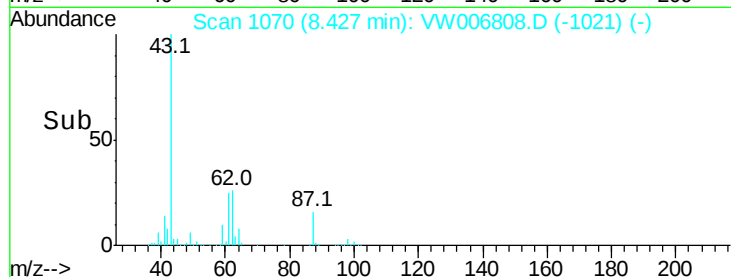
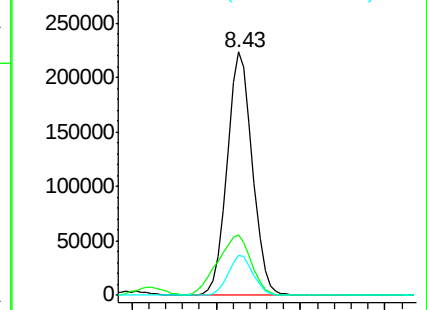
43 100

61 33.1 27.0 40.4

87 16.3 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 152.873 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW006808.D

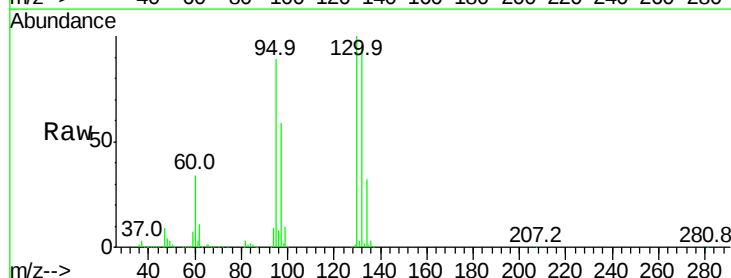
Acq: 12 Nov 2018 14:32

Tgt Ion: 130 Resp: 549924

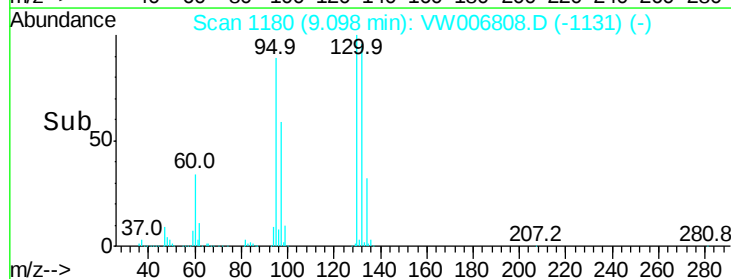
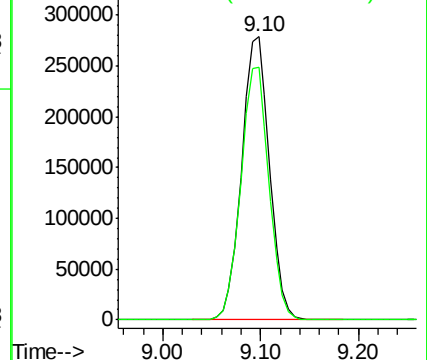
Ion Ratio Lower Upper

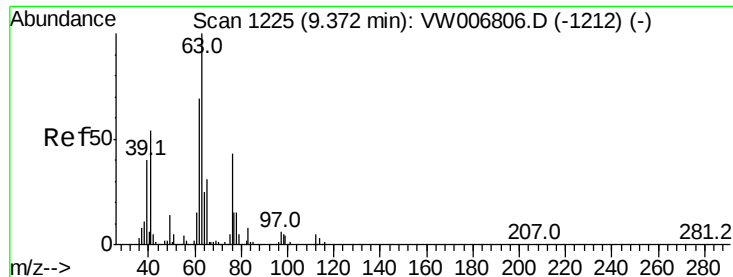
130 100

95 89.4 0.0 180.2



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





#45

1,2-Dichloropropane

Concen: 149.426 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

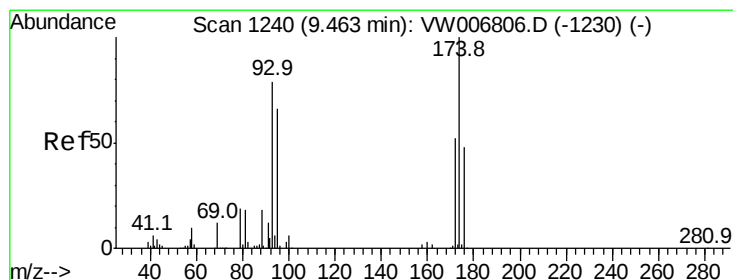
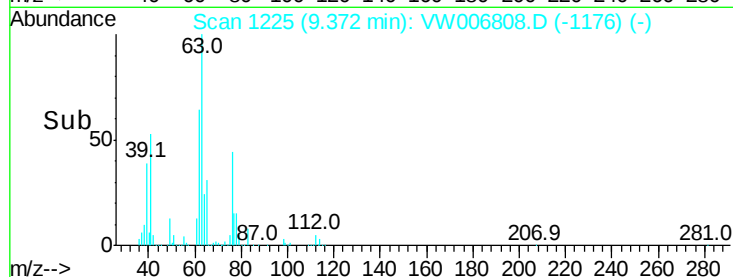
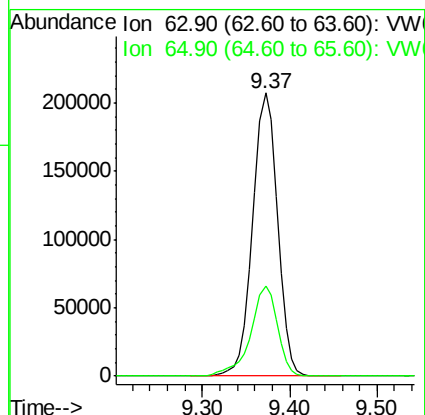
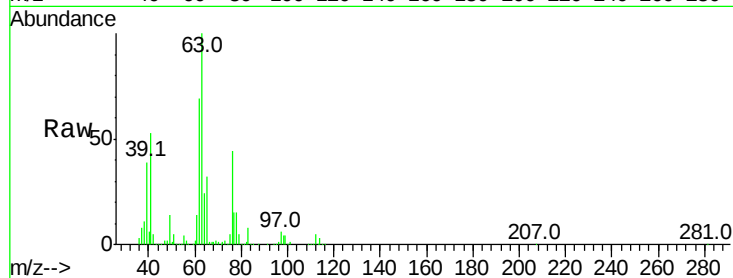
VSTDIC150

Tgt Ion: 63 Resp: 410593

Ion Ratio Lower Upper

63 100

65 31.9 24.4 36.6



#46

Dibromomethane

Concen: 155.501 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

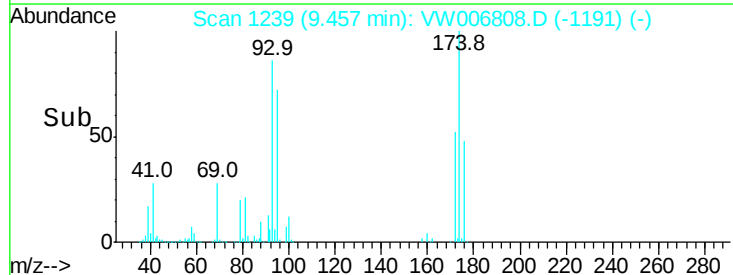
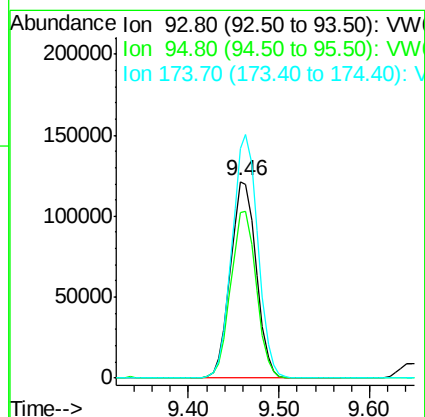
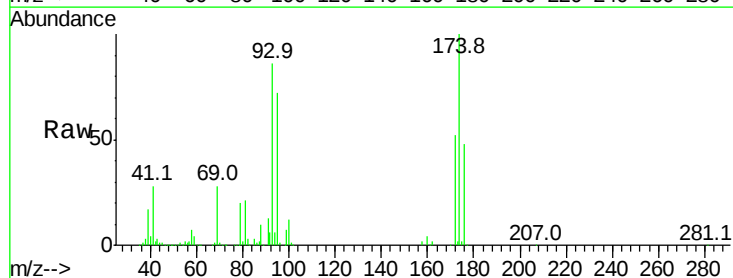
Tgt Ion: 93 Resp: 239894

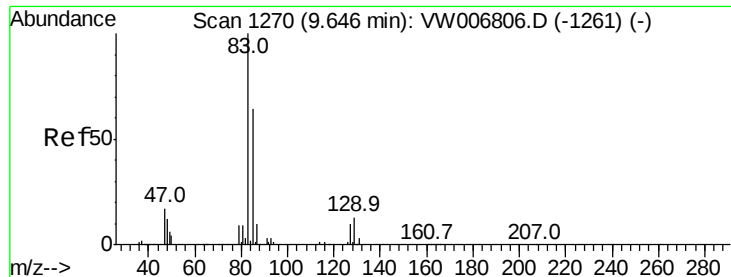
Ion Ratio Lower Upper

93 100

95 84.1 67.0 100.6

174 123.4 98.6 147.8





#47

Bromodichloromethane

Concen: 154.057 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

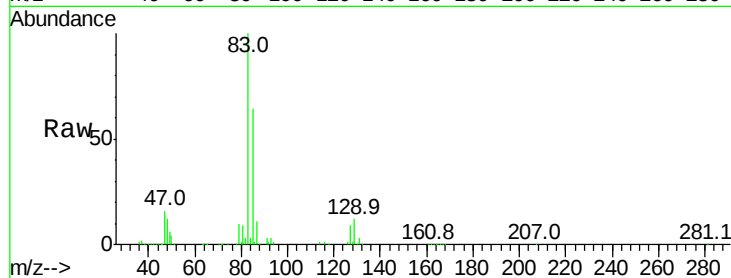
Tgt Ion: 83 Resp: 576711

Ion Ratio Lower Upper

83 100

85 64.3 51.4 77.0

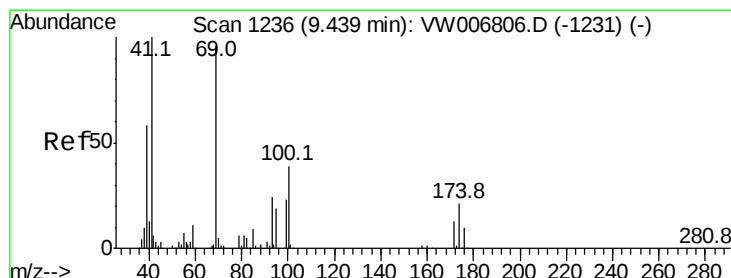
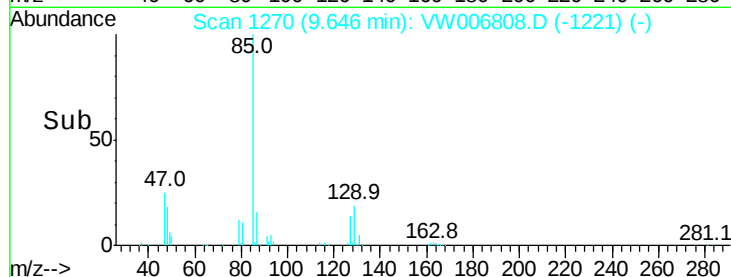
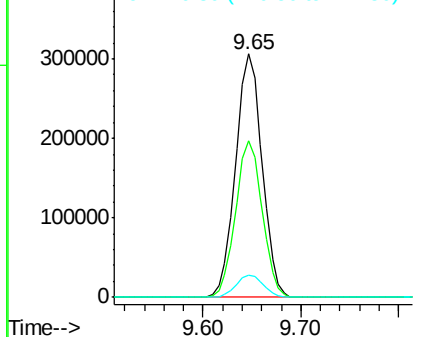
127 9.1 7.6 11.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 166.239 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

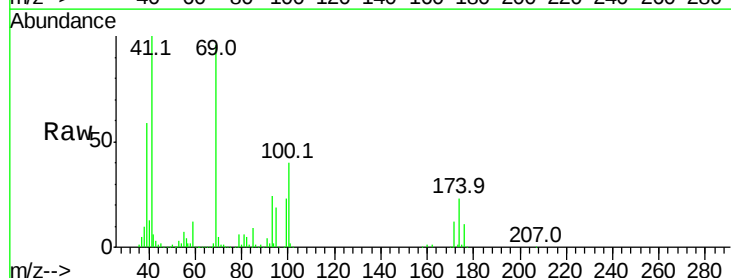
Tgt Ion: 41 Resp: 215962

Ion Ratio Lower Upper

41 100

69 101.7 79.8 119.6

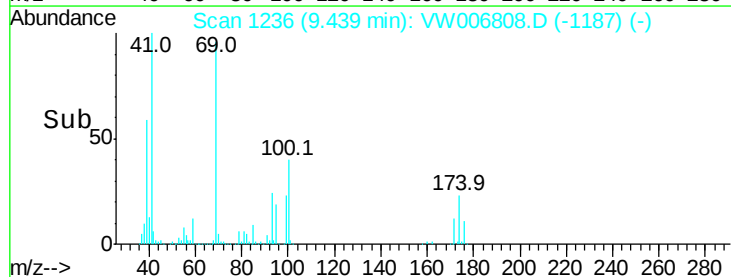
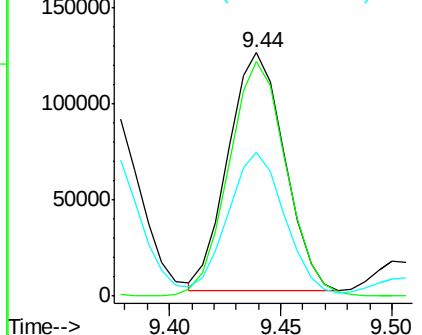
39 58.7 45.9 68.9

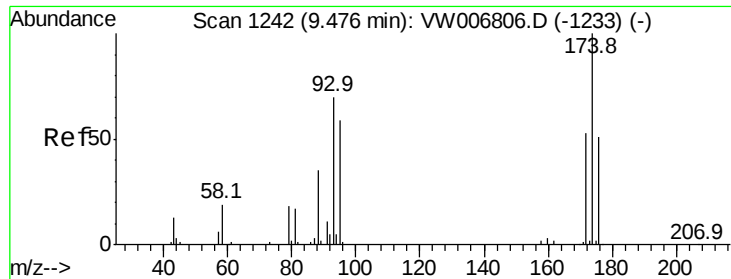


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

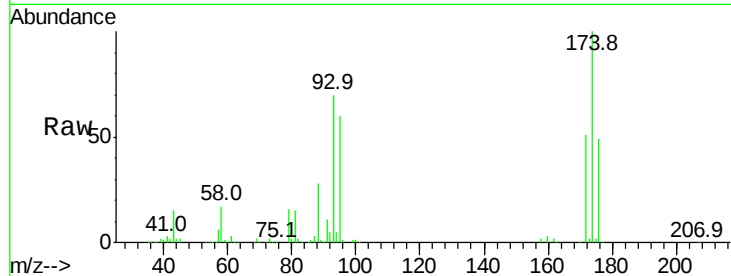




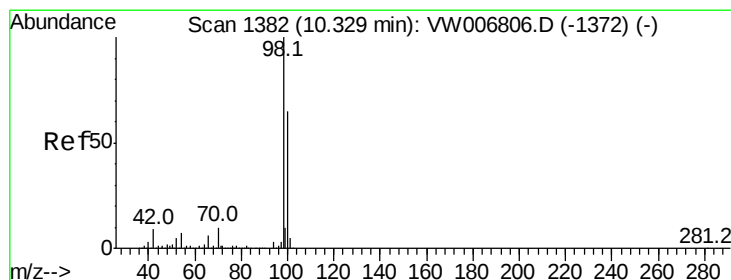
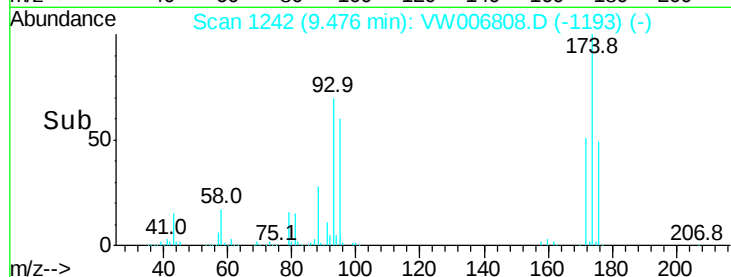
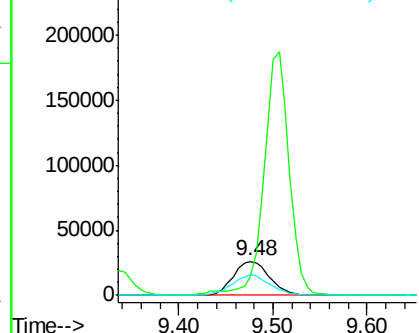
#49
1,4-Dioxane
Concen: 3005.016 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 69404
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 62.6 50.6 75.8

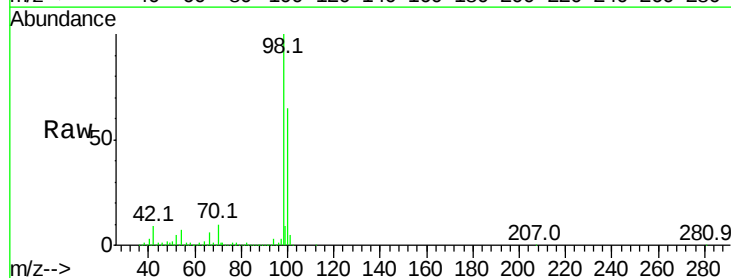


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

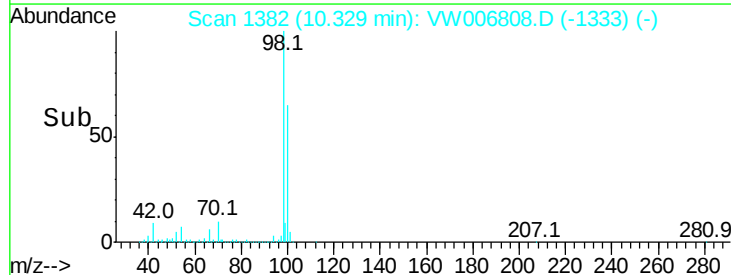
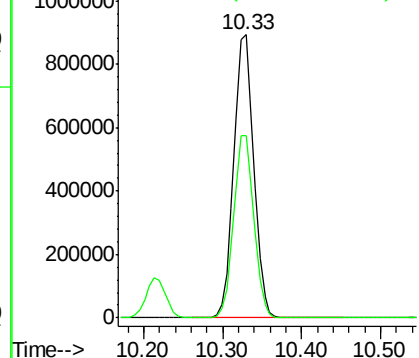


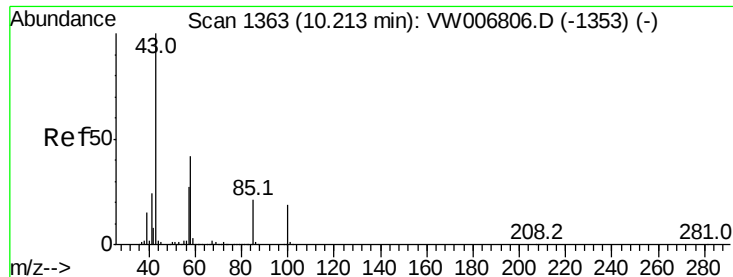
#50
Toluene-d8
Concen: 144.268 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Tgt Ion: 98 Resp: 1577980
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.2



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





#51

4-Methyl-2-Pentanone

Concen: 787.660 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

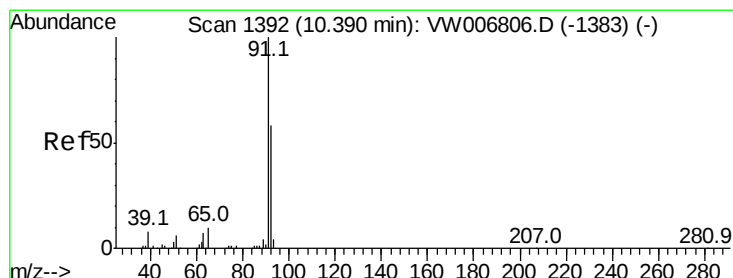
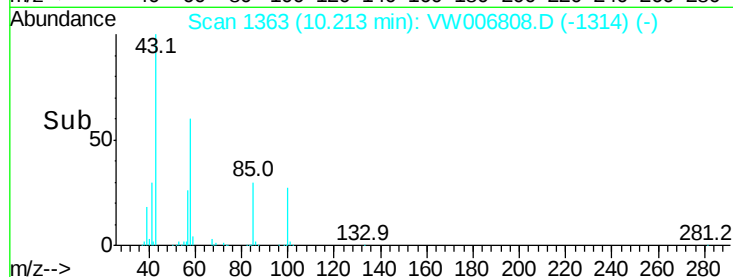
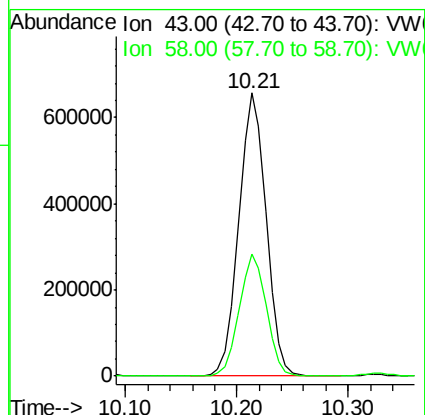
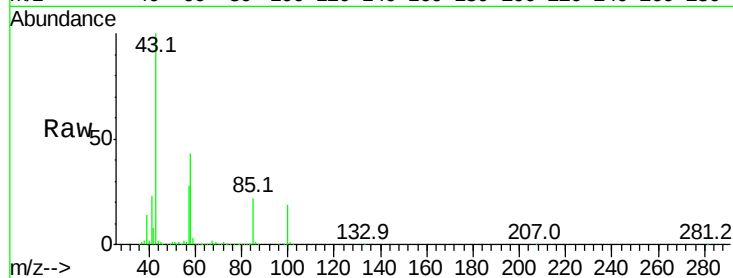
VSTDIC150

Tgt Ion: 43 Resp: 1116251

Ion Ratio Lower Upper

43 100

58 42.8 34.0 51.0



#52

Toluene

Concen: 157.026 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006808.D

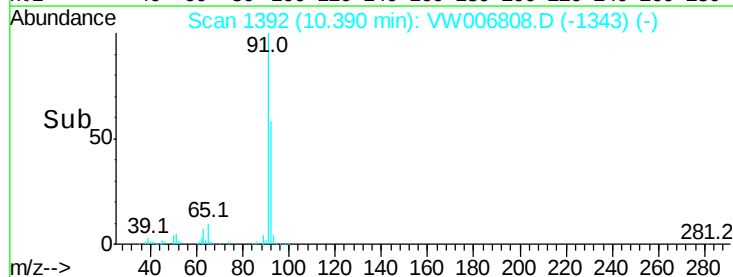
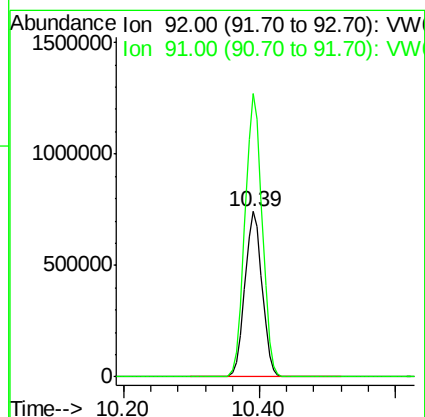
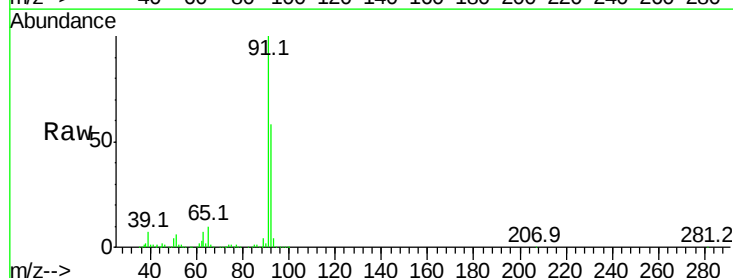
Acq: 12 Nov 2018 14:32

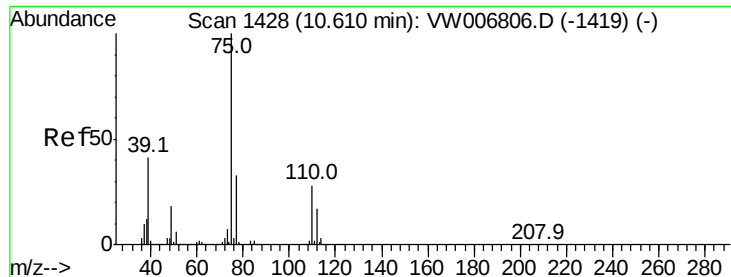
Tgt Ion: 92 Resp: 1291638

Ion Ratio Lower Upper

92 100

91 171.5 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 169.199 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

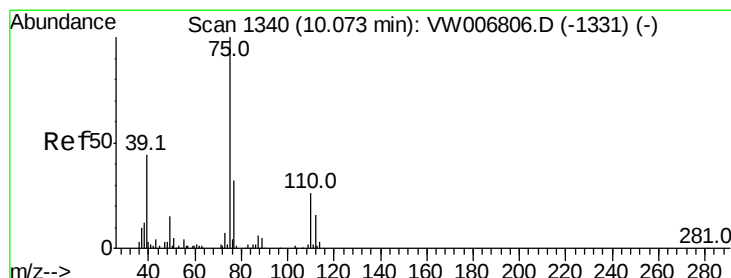
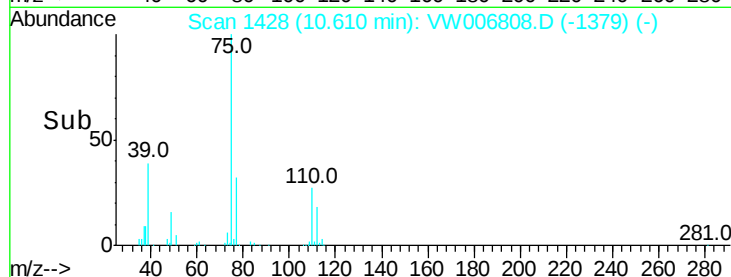
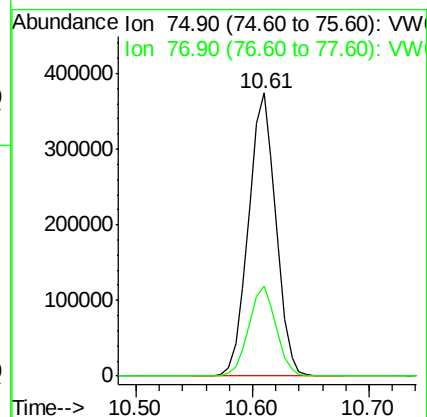
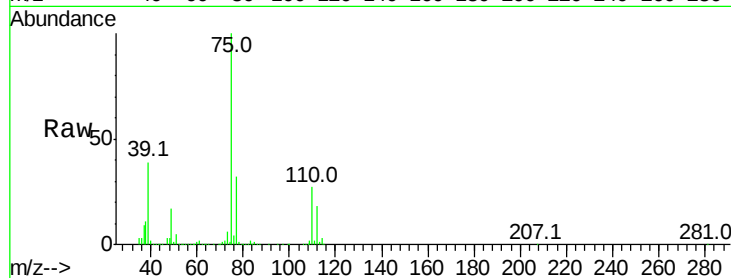
VSTDIC150

Tgt Ion: 75 Resp: 614180

Ion Ratio Lower Upper

75 100

77 32.0 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 163.305 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

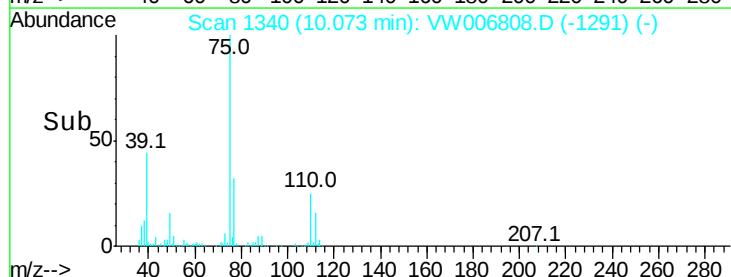
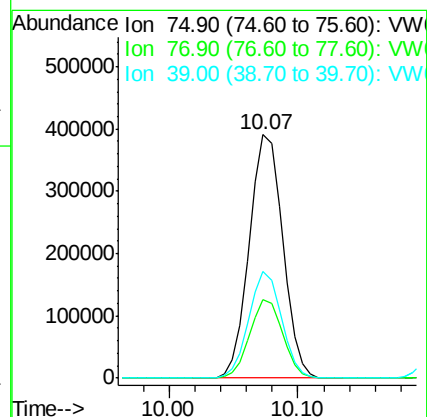
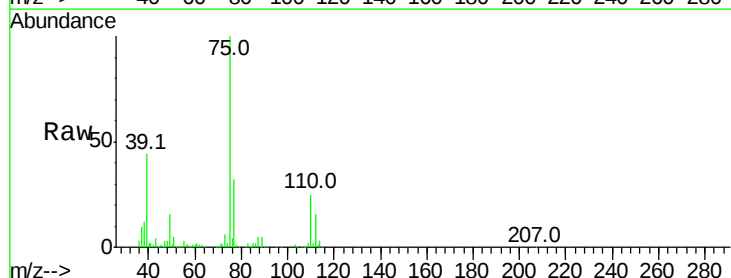
Tgt Ion: 75 Resp: 702822

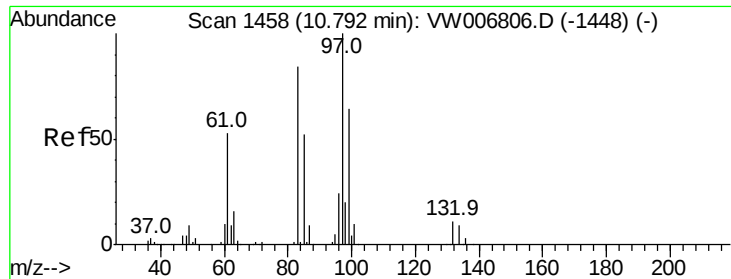
Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8

39 44.0 35.3 52.9

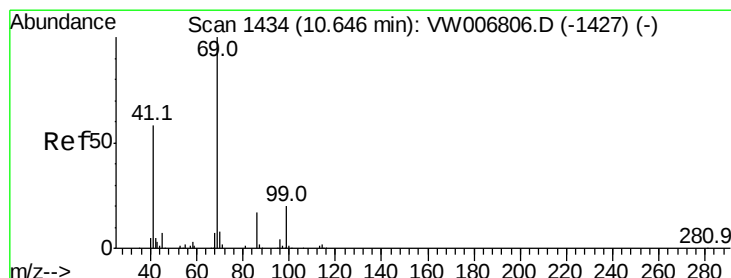
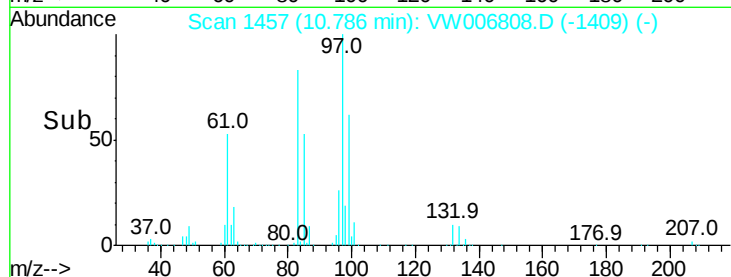
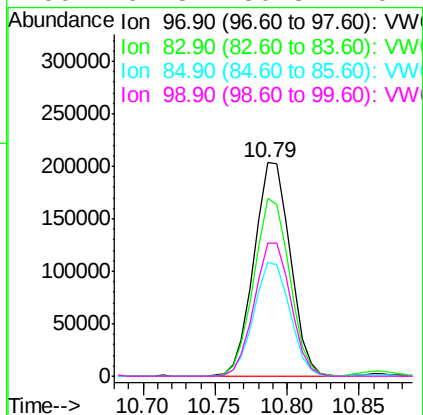
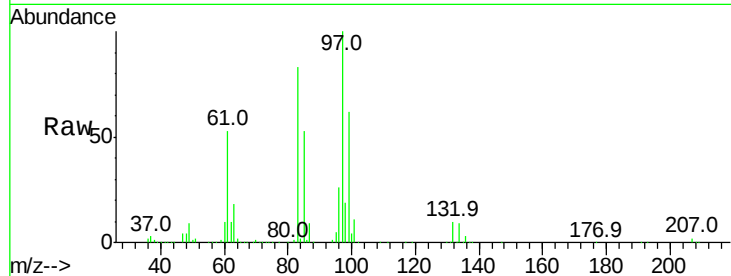




#55
 1,1,2-Trichloroethane
 Concen: 156.866 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

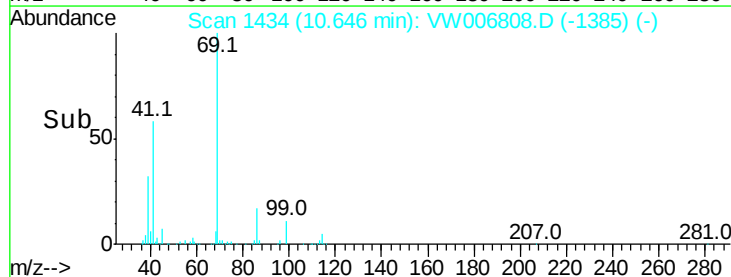
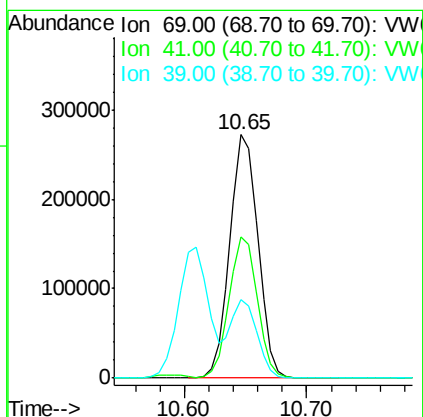
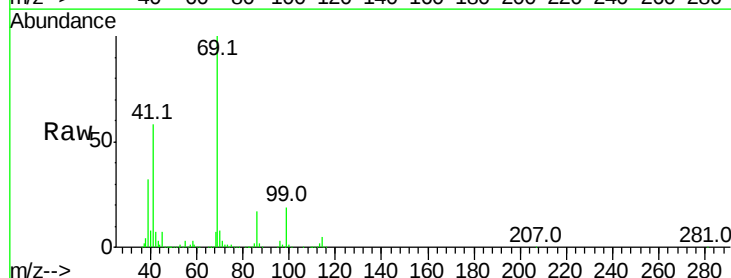
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

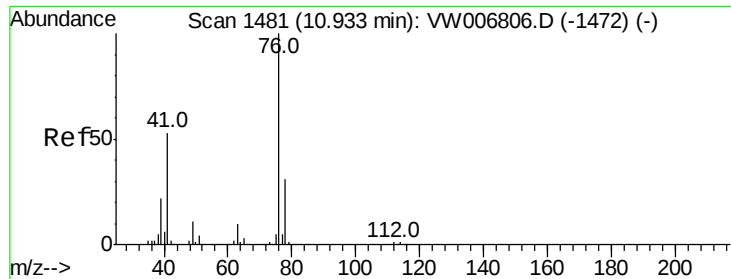
Tgt Ion:	97	Resp:	356507
Ion	Ratio	Lower	Upper
97	100		
83	83.1	67.0	100.4
85	53.1	41.7	62.5
99	62.3	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 172.609 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Tgt Ion:	69	Resp:	433187
Ion	Ratio	Lower	Upper
69	100		
41	57.9	47.0	70.4
39	31.2	23.1	34.7

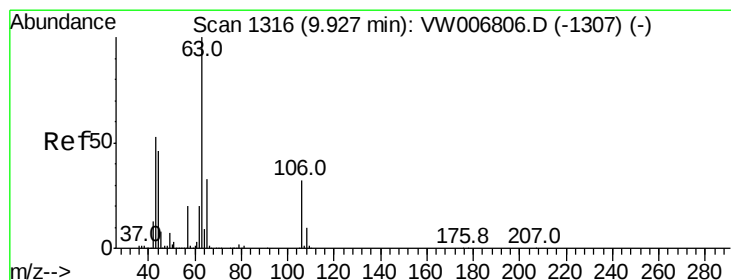
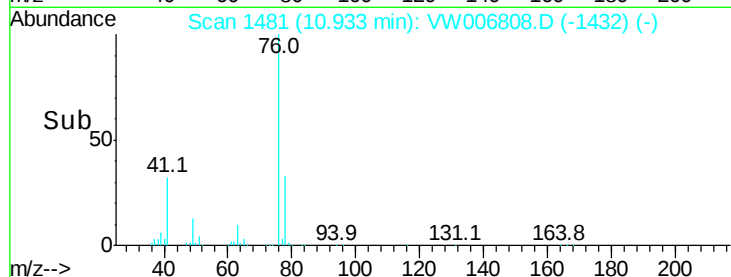
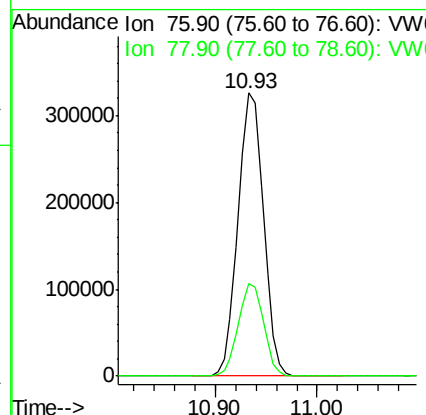
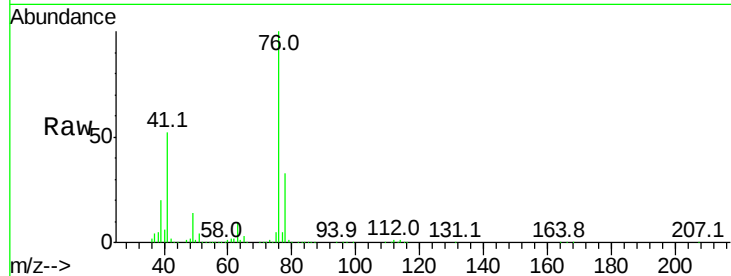




#57
 1,3-Dichloropropane
 Concen: 155.065 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

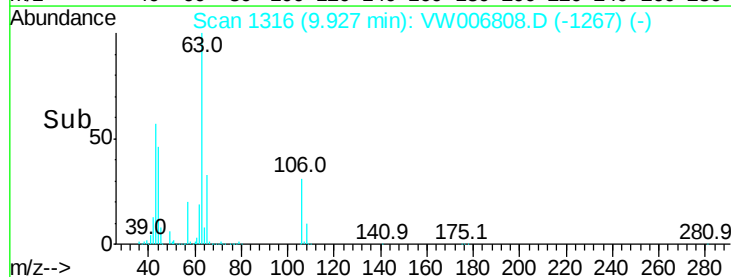
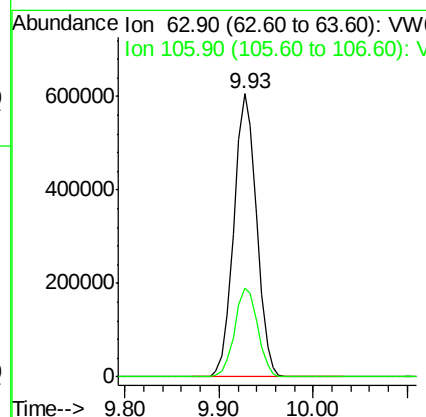
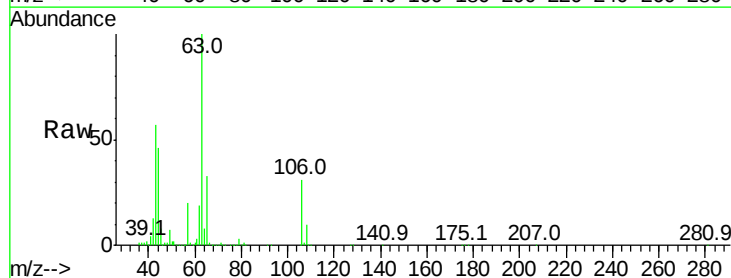
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

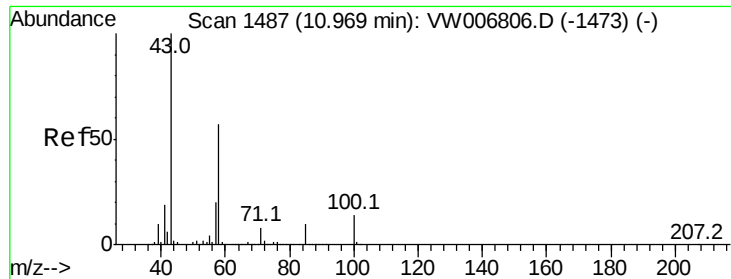
Tgt Ion: 76 Resp: 563369
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 810.740 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Tgt Ion: 63 Resp: 1013284
 Ion Ratio Lower Upper
 63 100
 106 31.8 25.4 38.0

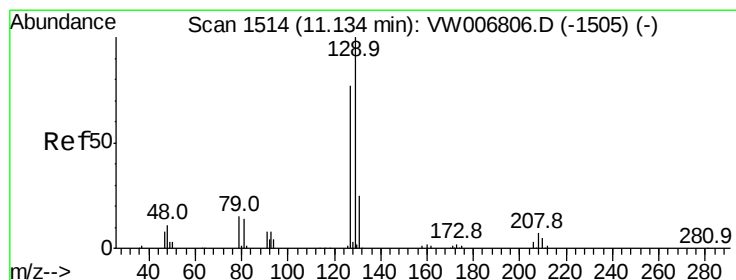
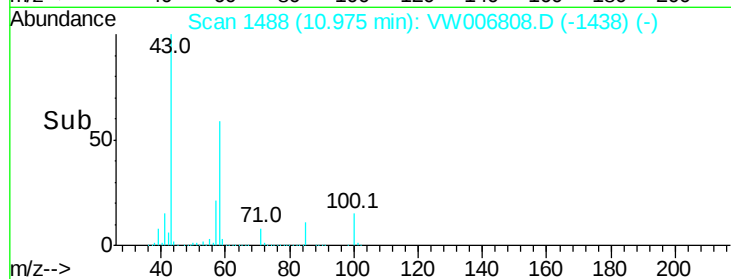
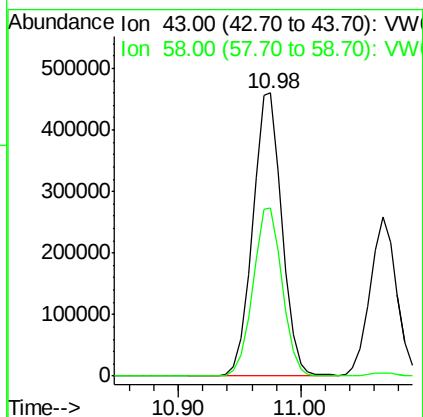
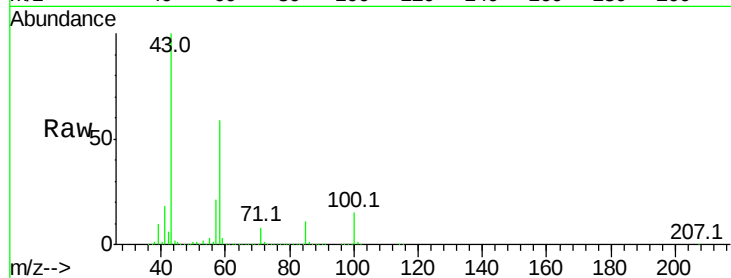




#59
2-Hexanone
Concen: 797.191 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

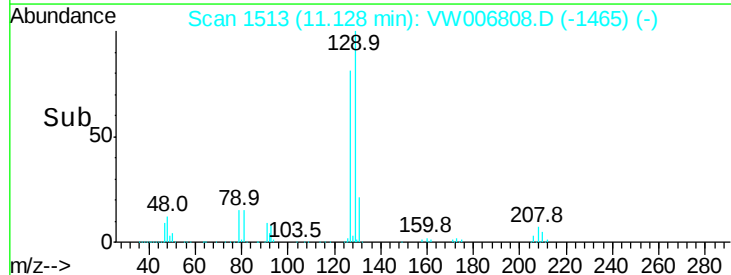
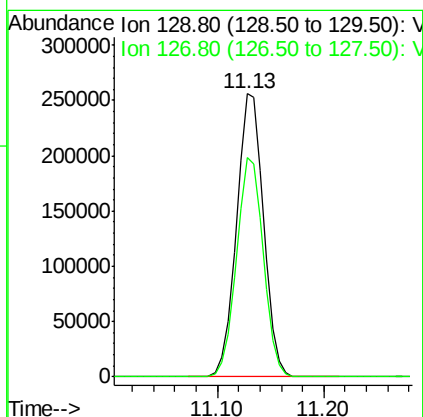
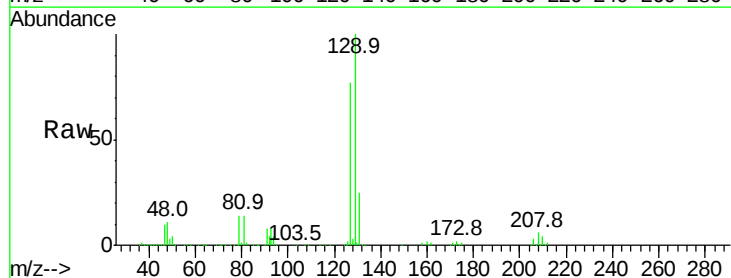
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

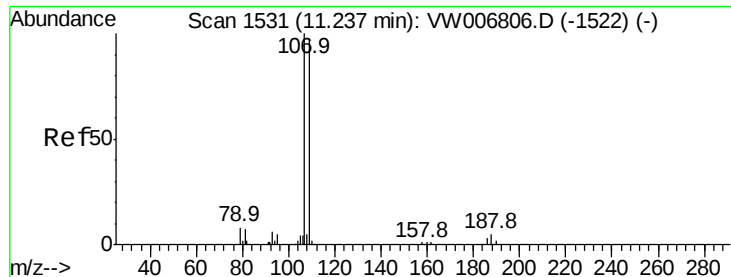
Tgt Ion: 43 Resp: 765645
Ion Ratio Lower Upper
43 100
58 59.2 28.7 86.1



#60
Dibromochloromethane
Concen: 166.929 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Tgt Ion: 129 Resp: 456020
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1

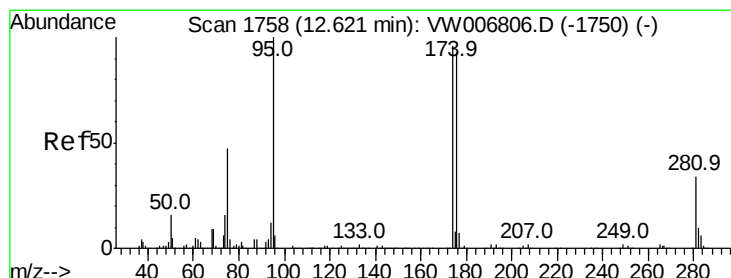
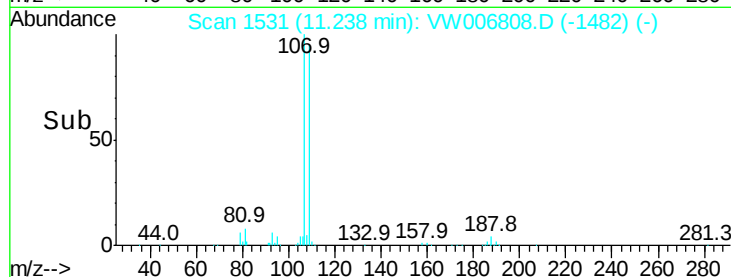
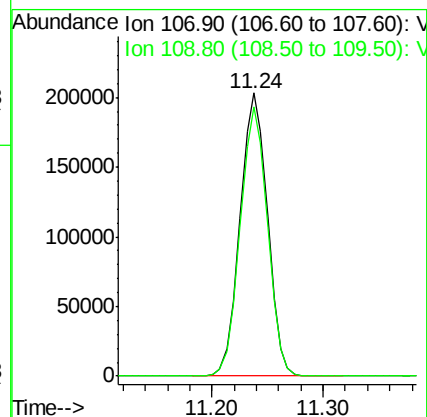
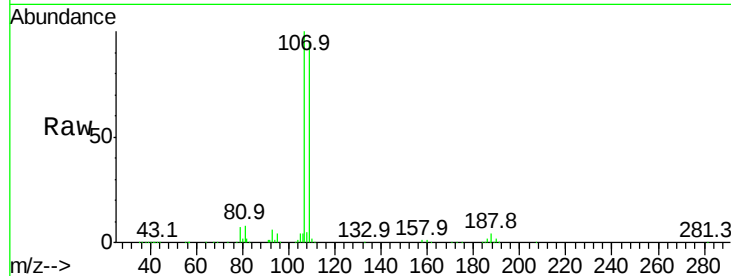




#61
 1,2-Dibromoethane
 Concen: 158.448 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

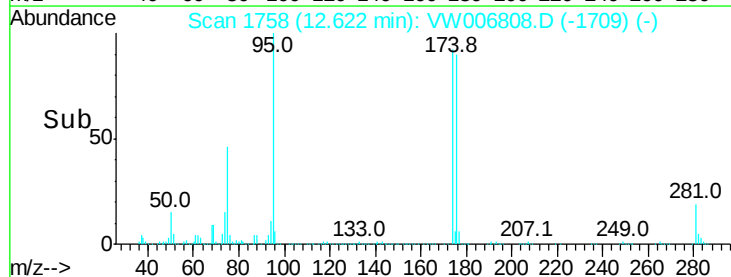
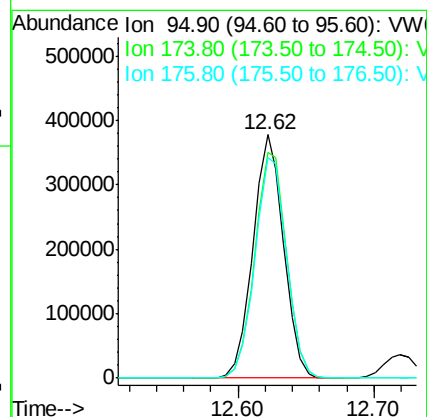
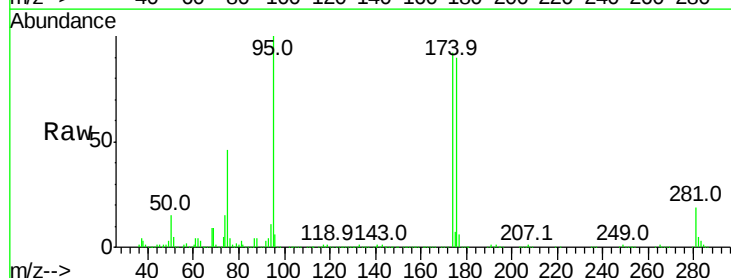
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

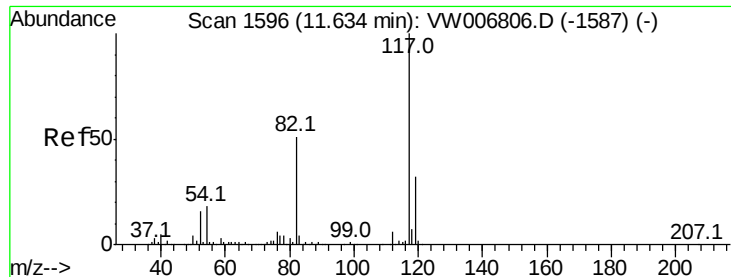
Tgt Ion: 107 Resp: 346454
 Ion Ratio Lower Upper
 107 100
 109 94.7 76.7 115.1



#62
 4-Bromofluorobenzene
 Concen: 149.376 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Tgt Ion: 95 Resp: 595040
 Ion Ratio Lower Upper
 95 100
 174 96.2 0.0 196.6
 176 93.8 0.0 191.6

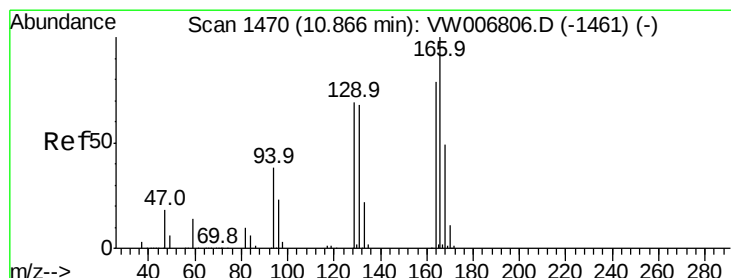
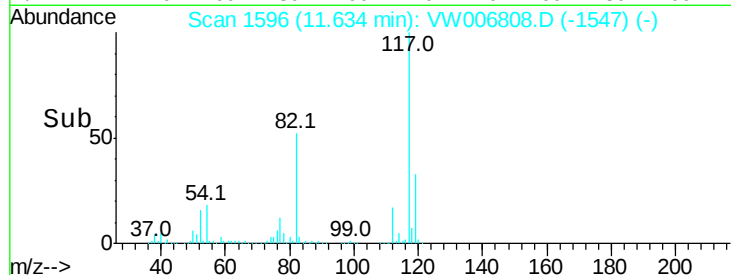
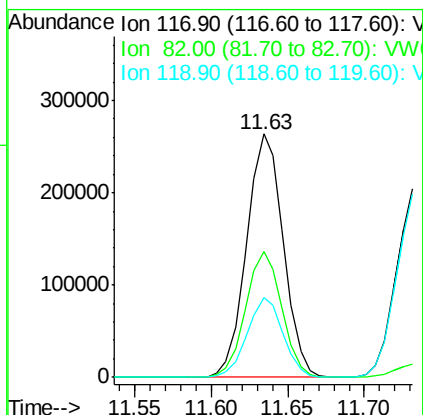
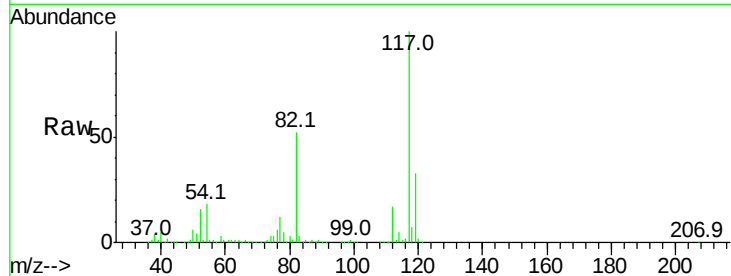




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

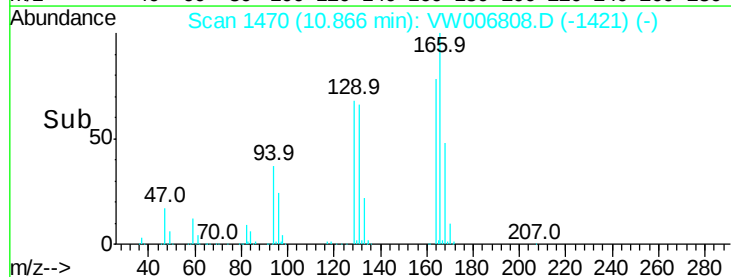
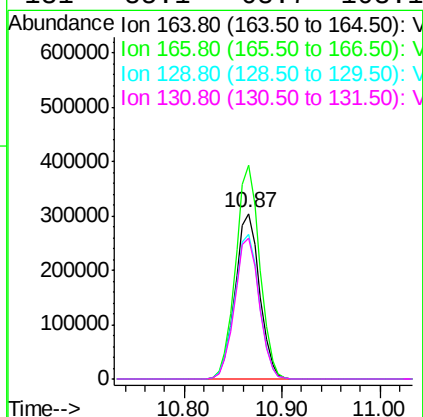
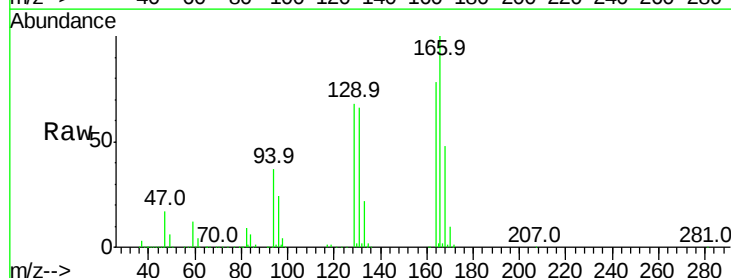
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

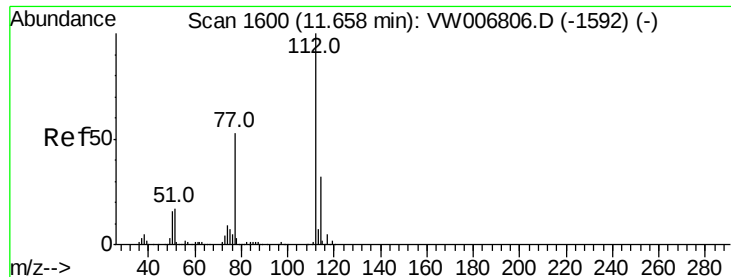
Tgt Ion:117 Resp: 439445
Ion Ratio Lower Upper
117 100
82 51.7 40.6 61.0
119 32.6 25.5 38.3



#64
Tetrachloroethene
Concen: 156.141 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Tgt Ion:164 Resp: 523970
Ion Ratio Lower Upper
164 100
166 129.0 101.3 151.9
129 87.4 69.6 104.4
131 85.1 68.7 103.1

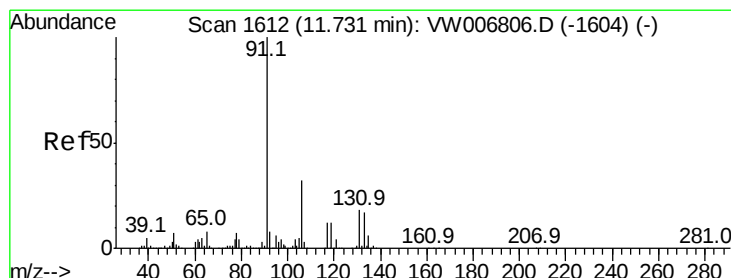
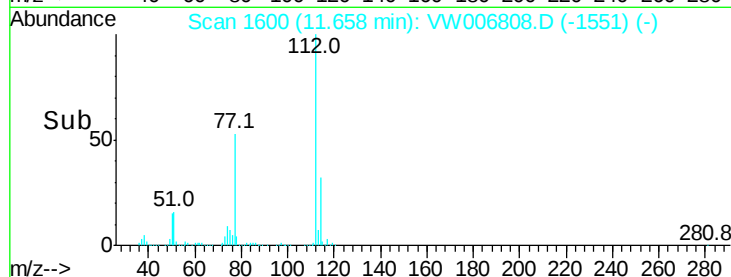
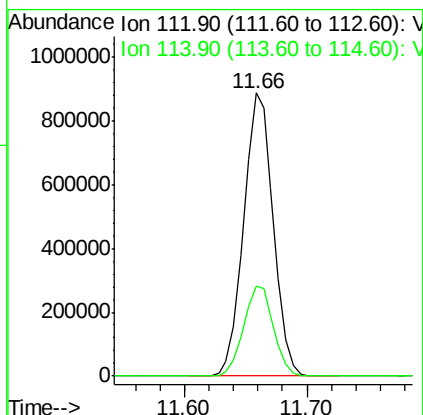
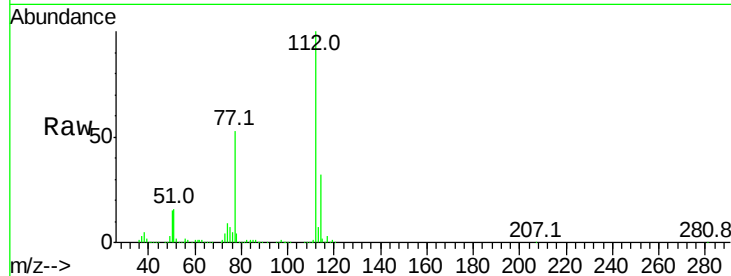




#65
Chlorobenzene
Concen: 158.340 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

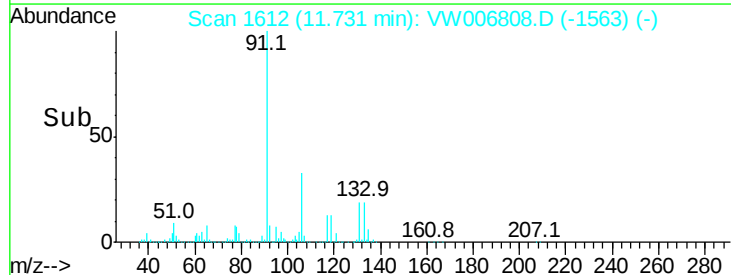
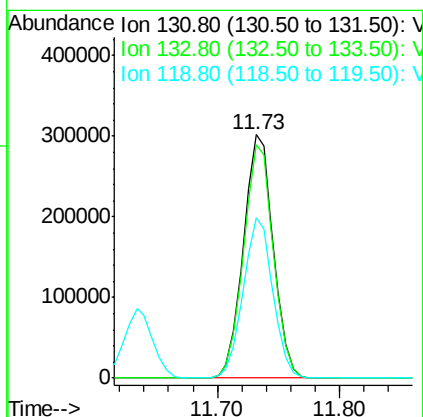
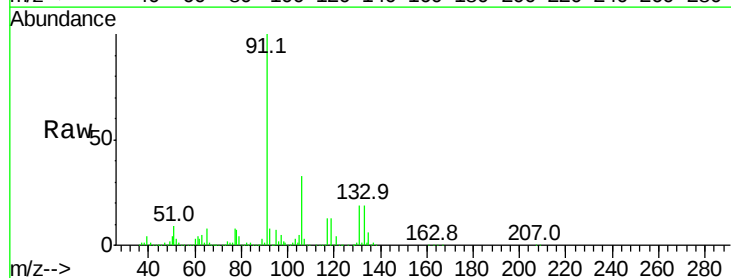
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

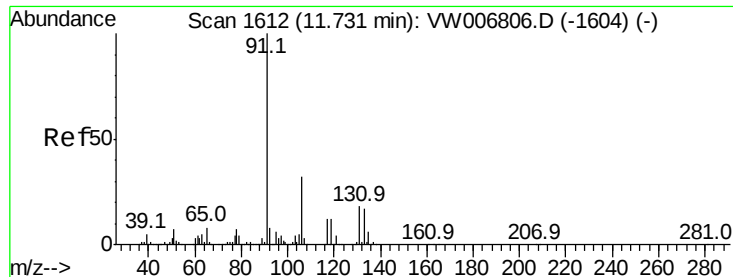
Tgt Ion:112 Resp: 1481087
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 170.674 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Tgt Ion:131 Resp: 511421
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.8
119 65.1 32.4 97.2





#67

Ethyl Benzene

Concen: 163.726 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

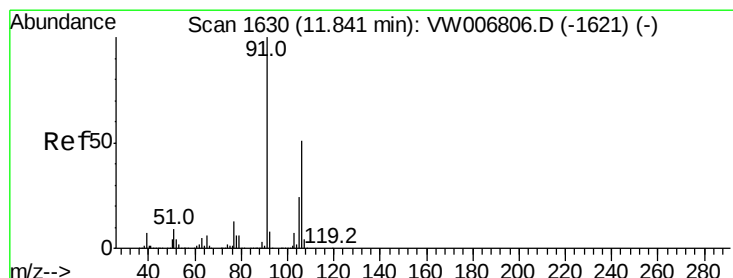
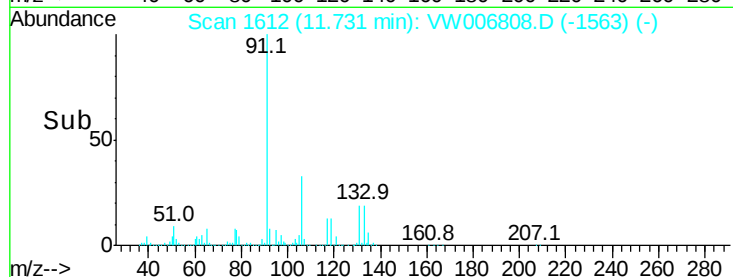
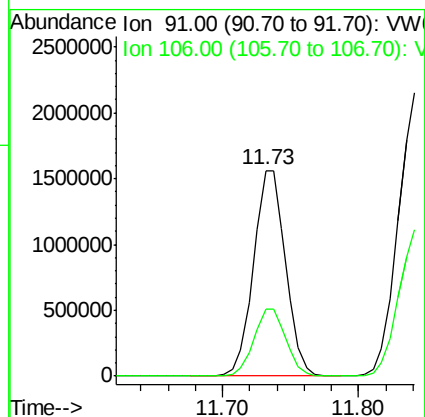
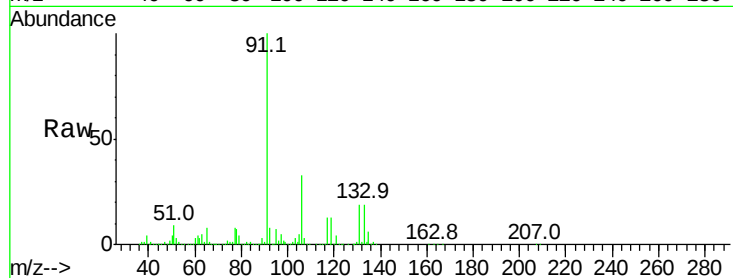
VSTDIC150

Tgt Ion: 91 Resp: 2576349

Ion Ratio Lower Upper

91 100

106 32.6 25.4 38.0



#68

m/p-Xylenes

Concen: 329.360 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW006808.D

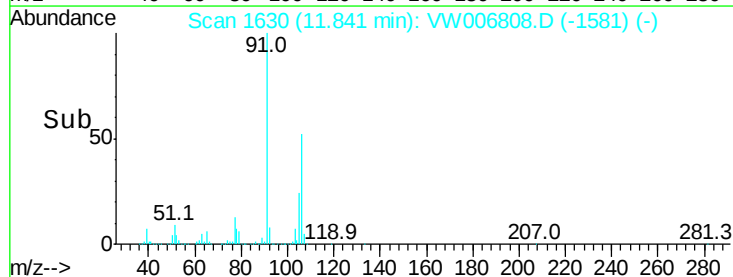
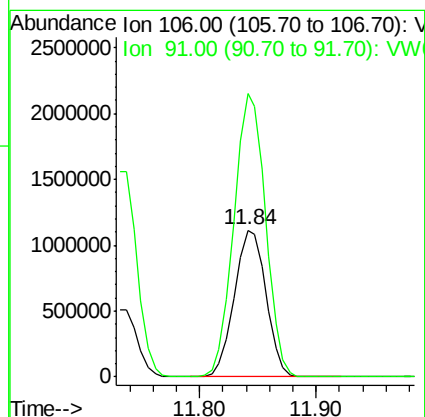
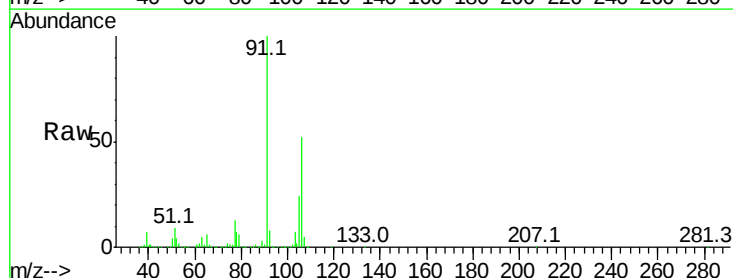
Acq: 12 Nov 2018 14:32

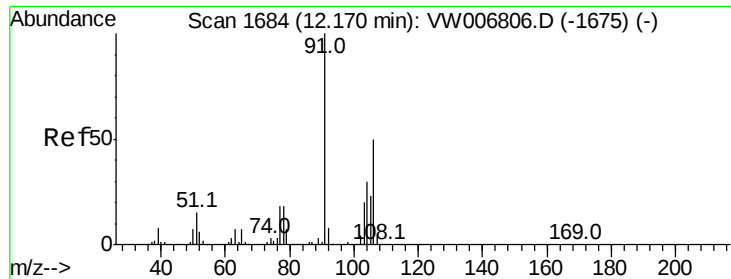
Tgt Ion: 106 Resp: 2113983

Ion Ratio Lower Upper

106 100

91 192.5 155.7 233.5

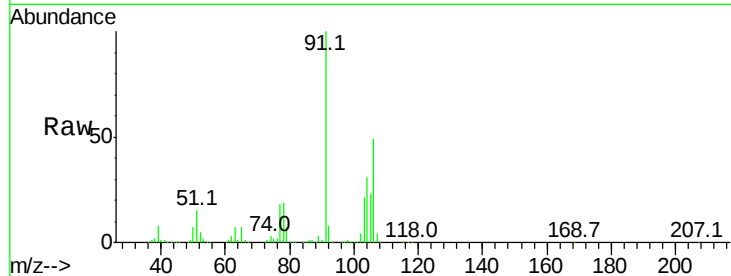




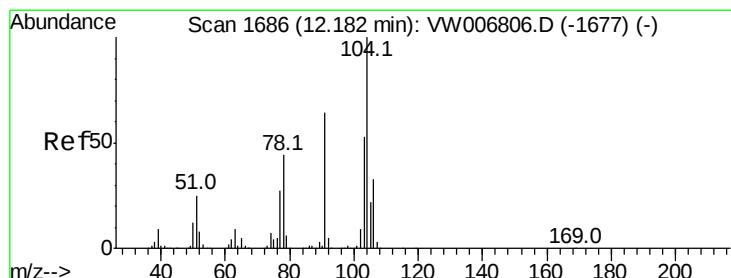
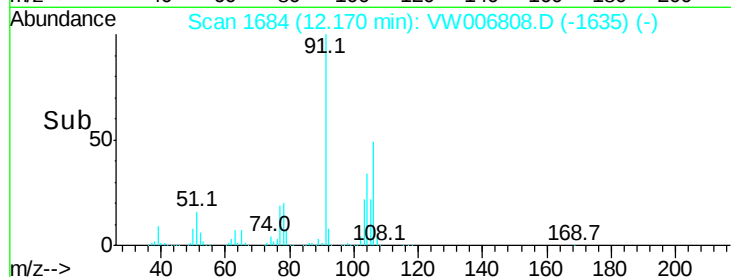
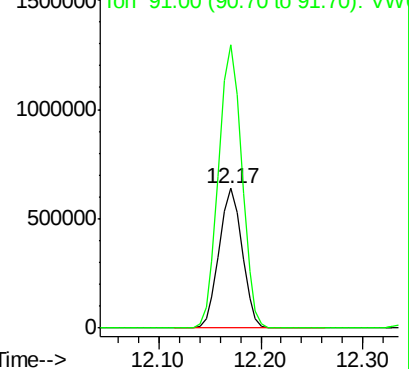
#69
o-Xylene
Concen: 168.726 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 997008
Ion Ratio Lower Upper
106 100
91 205.3 101.9 305.7

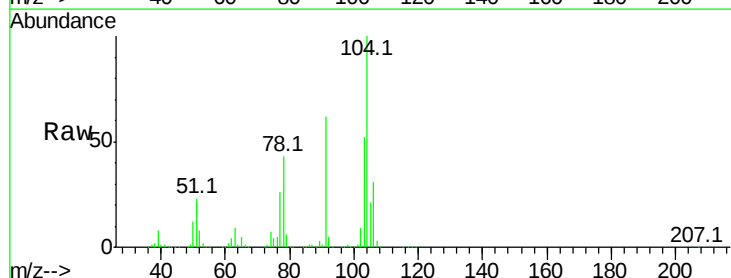


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

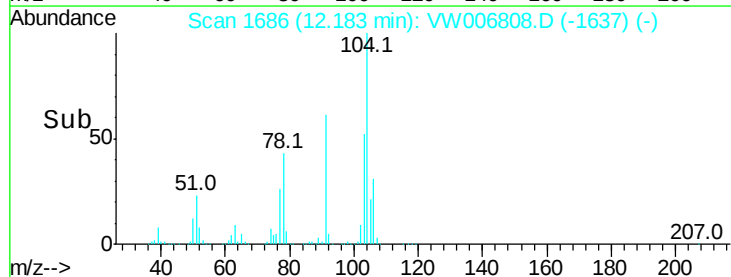
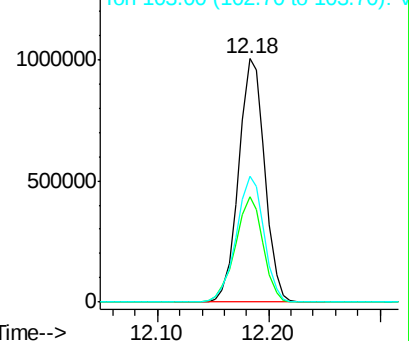


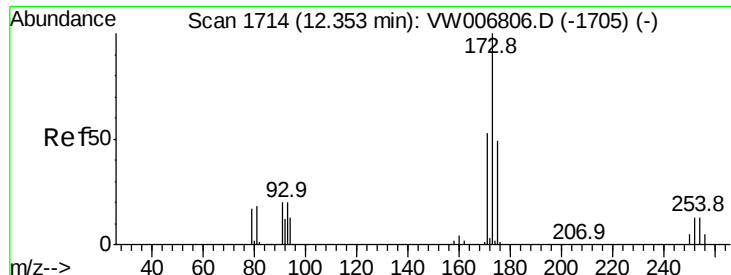
#70
Styrene
Concen: 169.928 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Tgt Ion:104 Resp: 1632086
Ion Ratio Lower Upper
104 100
78 46.0 37.3 55.9
103 55.1 44.6 66.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V

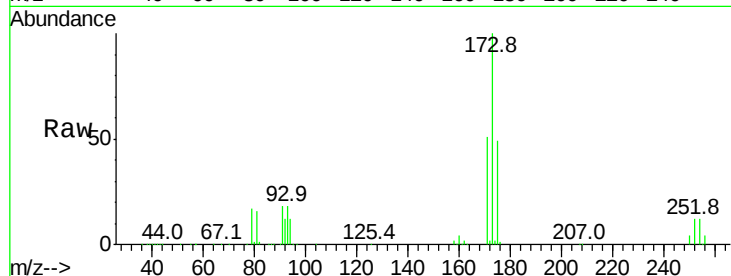




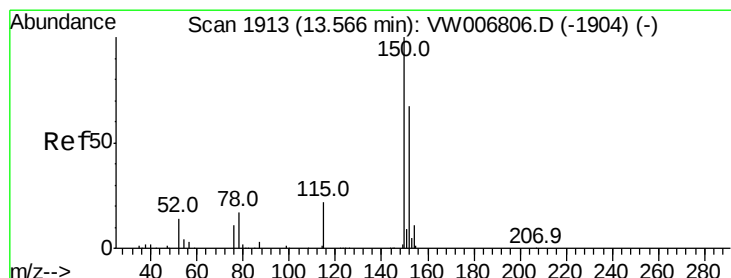
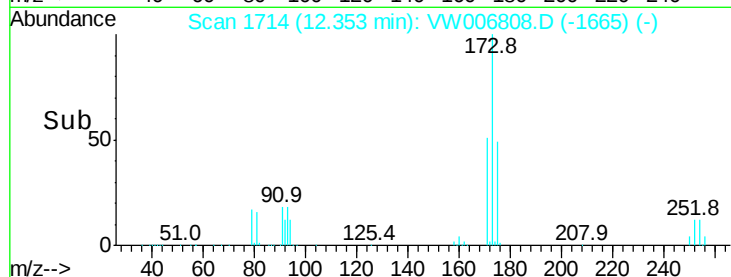
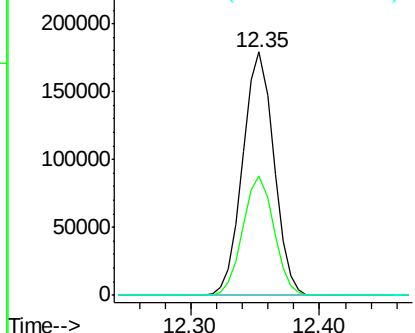
#71
Bromoform
Concen: 180.278 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:173 Resp: 299235
Ion Ratio Lower Upper
173 100
175 48.9 24.4 73.4
254 0.2 0.1 0.1#

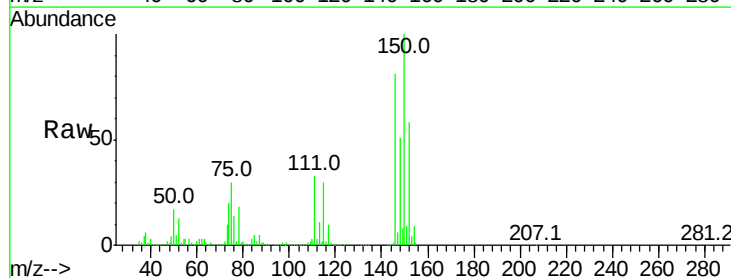


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

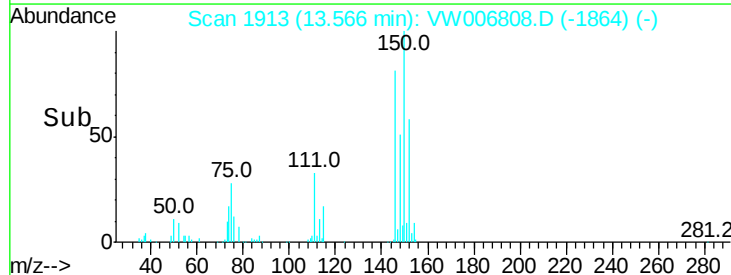
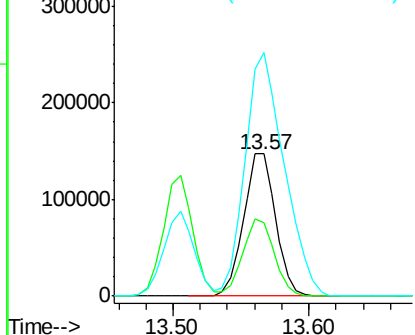


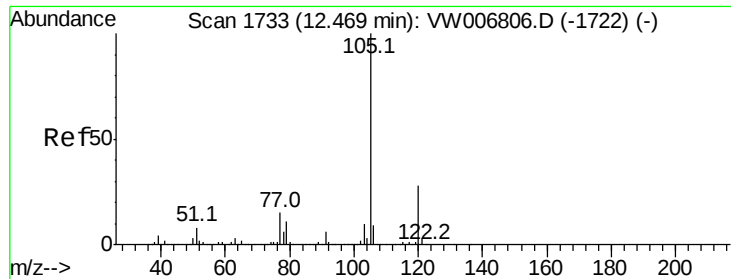
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Tgt Ion:152 Resp: 241604
Ion Ratio Lower Upper
152 100
115 52.9 27.3 81.8
150 210.7 0.0 353.0



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: 174.171 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

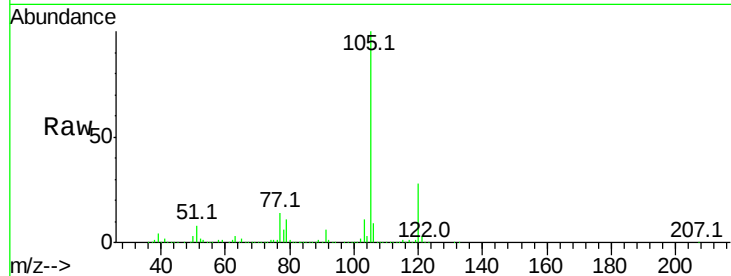
VSTDIC150

Tgt Ion:105 Resp: 2707461

Ion Ratio Lower Upper

105 100

120 27.7 14.0 42.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2000000

1500000

1000000

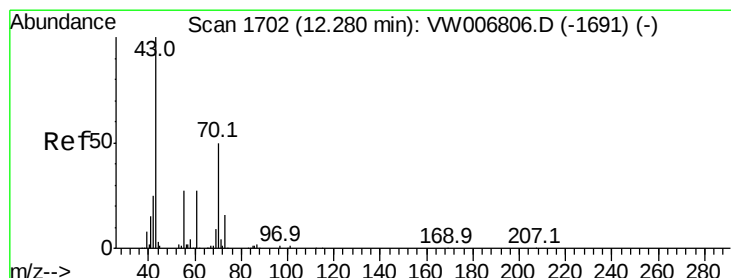
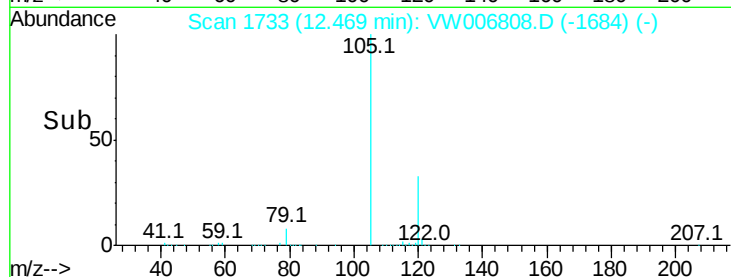
500000

0

12.47

12.40 12.50 12.60

Time-->



#74

N-ethyl acetate

Concen: 173.336 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Tgt Ion: 43 Resp: 439193

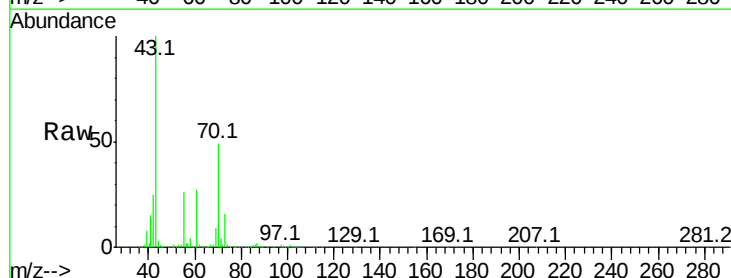
Ion Ratio Lower Upper

43 100

70 48.8 39.0 58.4

55 26.1 22.1 33.1

61 27.0 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

400000

300000

200000

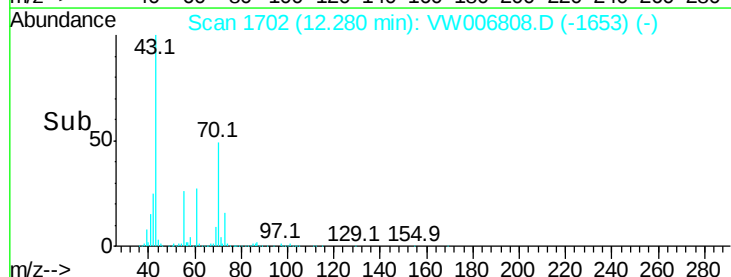
100000

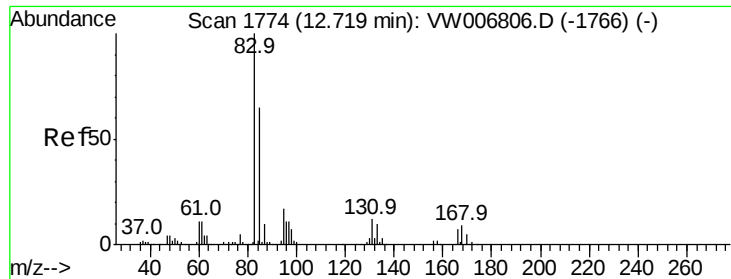
0

12.28

12.20 12.30 12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 163.276 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

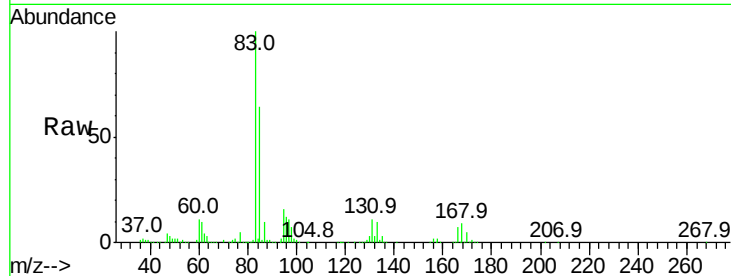
Tgt Ion: 83 Resp: 378131

Ion Ratio Lower Upper

83 100

131 12.0 6.1 18.3

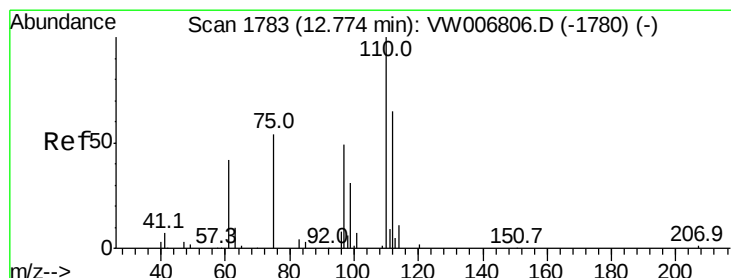
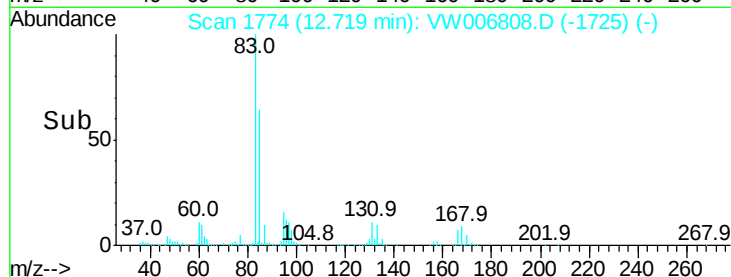
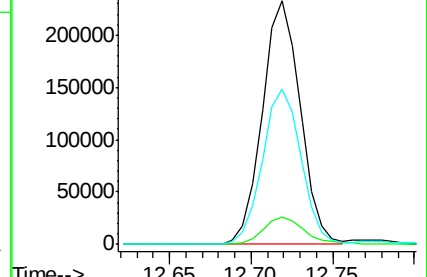
85 64.9 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 286.766 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006808.D

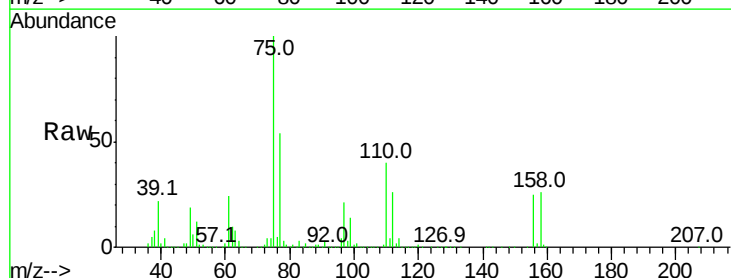
Acq: 12 Nov 2018 14:32

Tgt Ion: 75 Resp: 505254

Ion Ratio Lower Upper

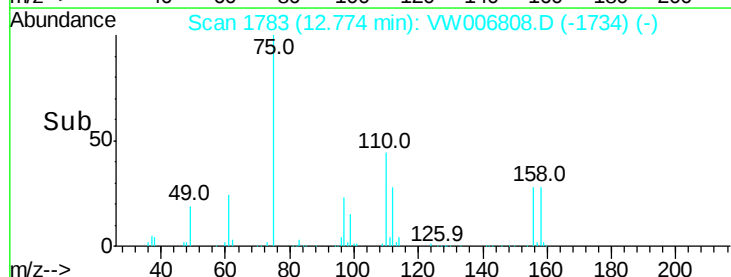
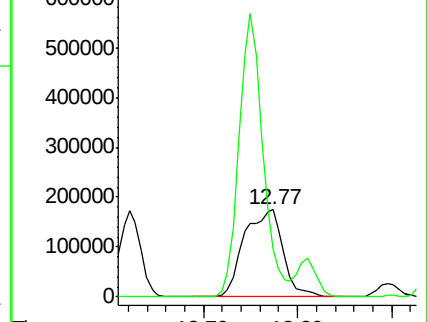
75 100

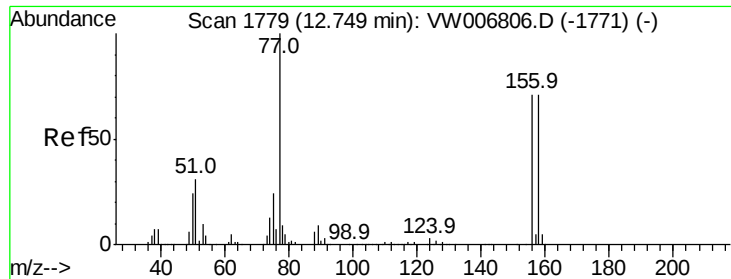
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 165.270 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

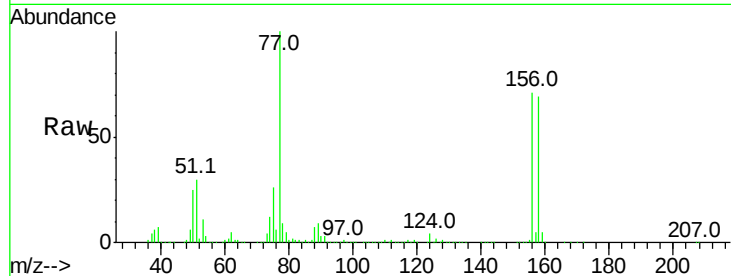
Tgt Ion:156 Resp: 664292

Ion Ratio Lower Upper

156 100

77 152.0 75.3 225.7

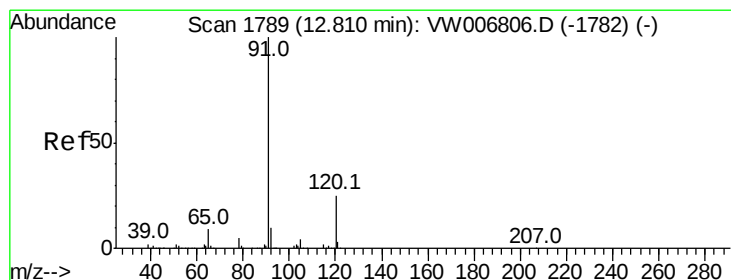
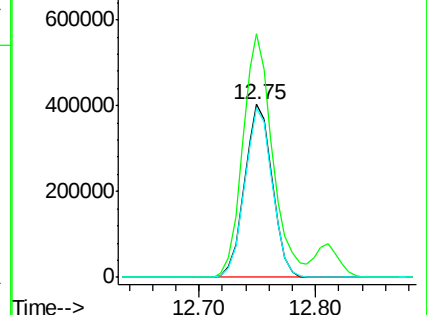
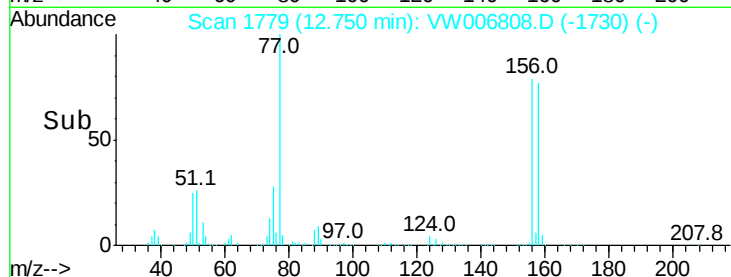
158 97.6 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 169.448 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006808.D

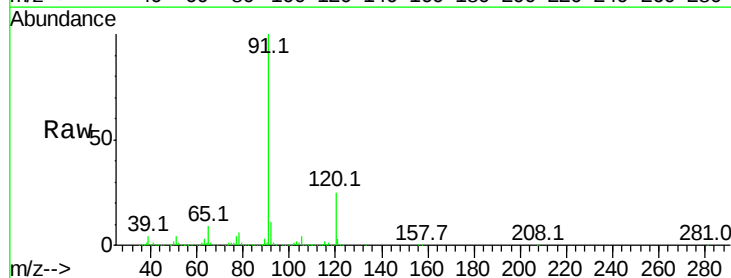
Acq: 12 Nov 2018 14:32

Tgt Ion: 91 Resp: 3129785

Ion Ratio Lower Upper

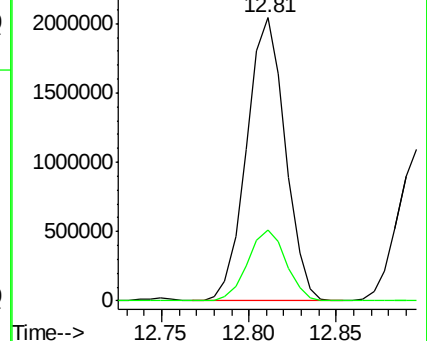
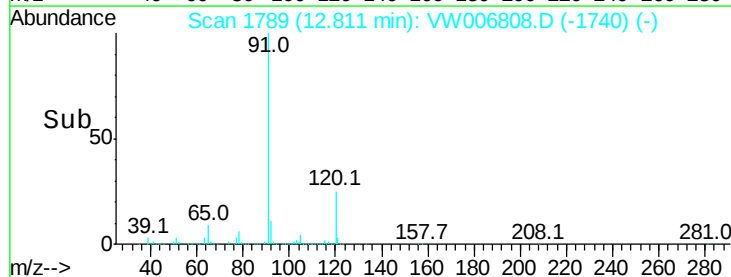
91 100

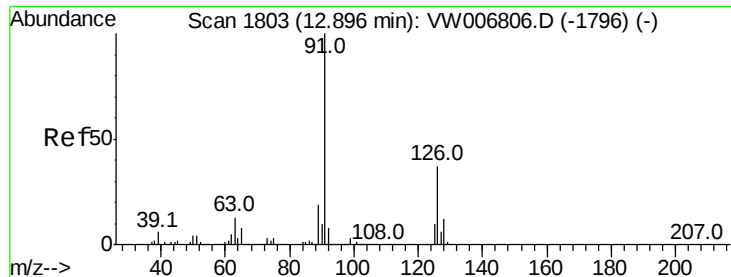
120 25.0 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 167.749 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

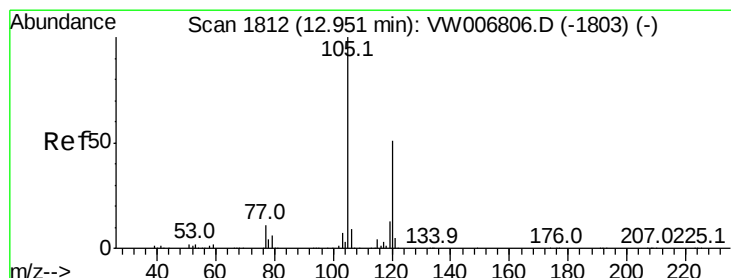
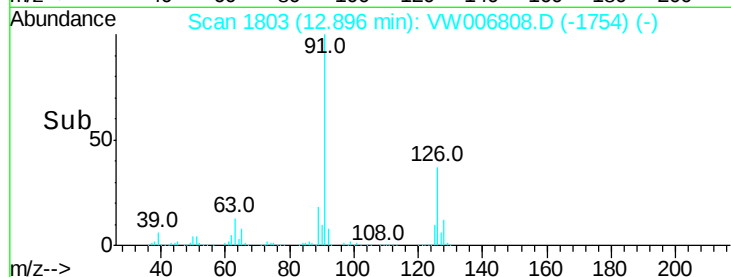
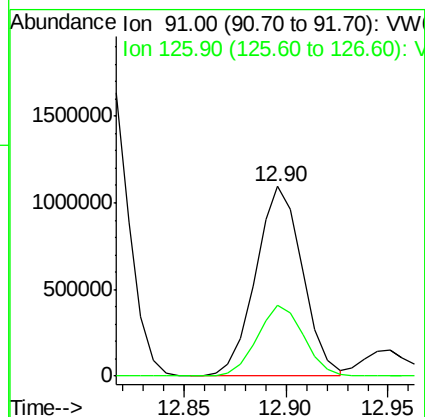
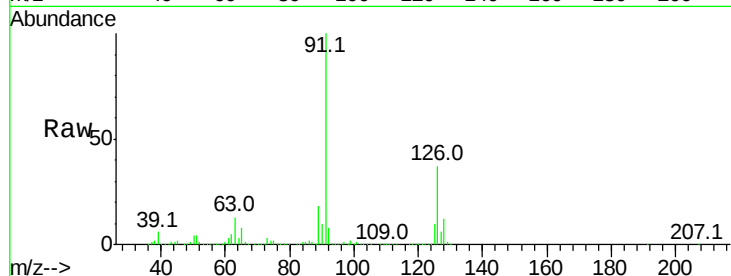
VSTDIC150

Tgt Ion: 91 Resp: 1745451

Ion Ratio Lower Upper

91 100

126 37.2 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 168.317 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006808.D

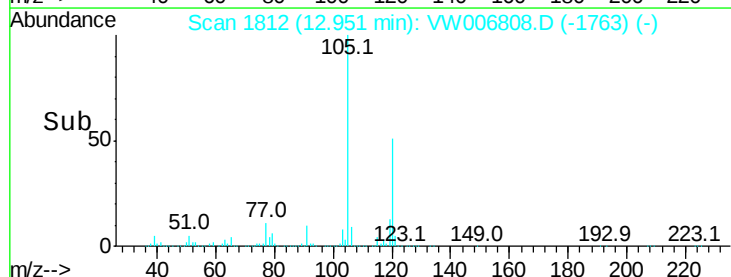
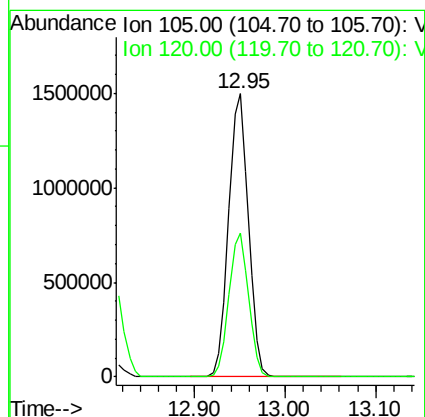
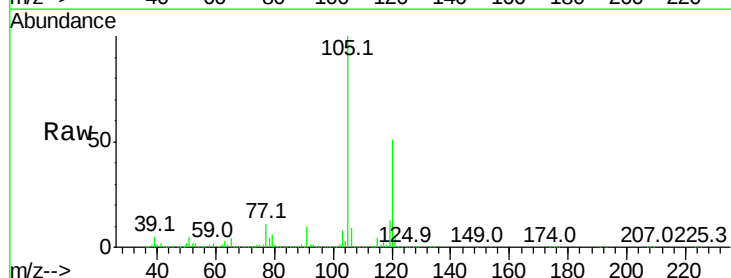
Acq: 12 Nov 2018 14:32

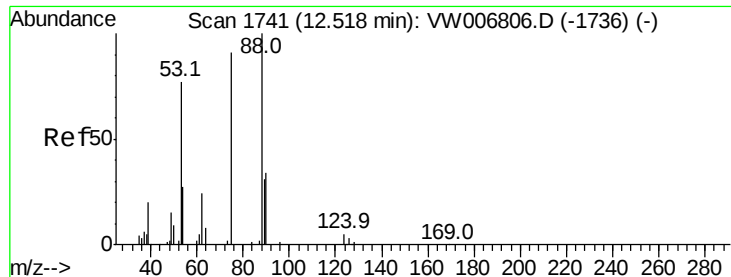
Tgt Ion: 105 Resp: 2267019

Ion Ratio Lower Upper

105 100

120 50.7 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 192.696 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampled :

VSTDICC150

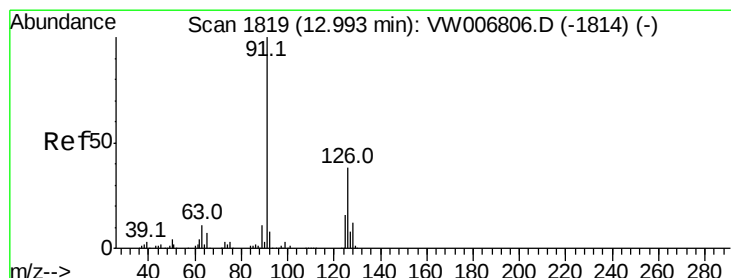
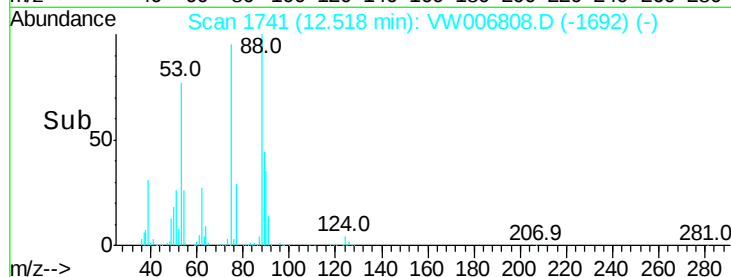
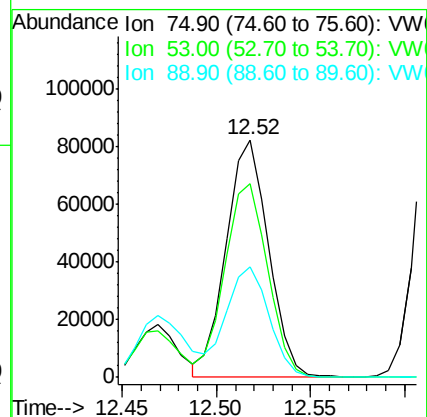
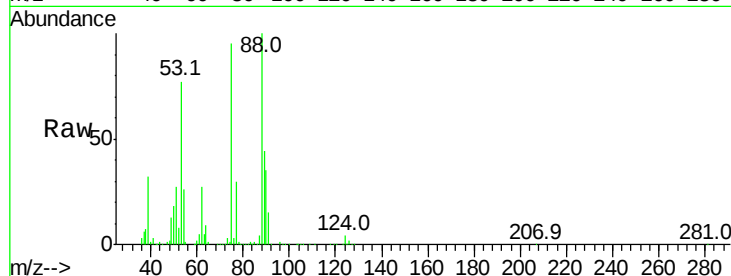
Tgt Ion: 75 Resp: 127693

Ion Ratio Lower Upper

75 100

53 84.1 72.9 109.3

89 47.2 38.7 58.1



#82

4-Chlorotoluene

Concen: 165.066 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006808.D

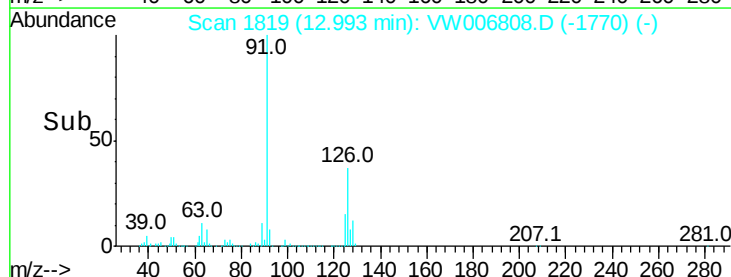
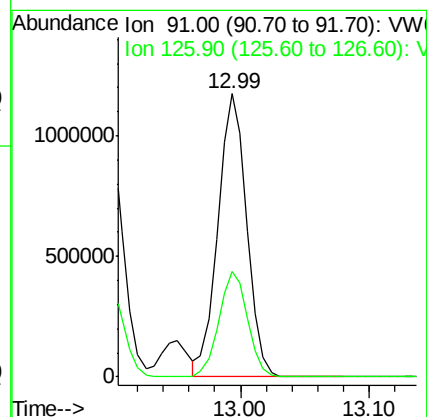
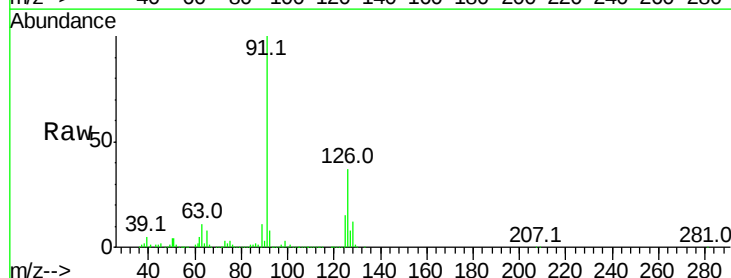
Acq: 12 Nov 2018 14:32

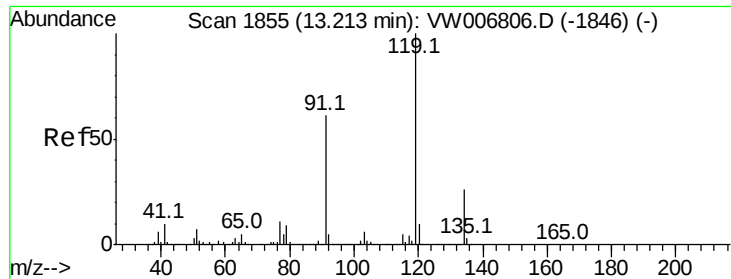
Tgt Ion: 91 Resp: 1835643

Ion Ratio Lower Upper

91 100

126 37.2 18.4 55.2





#83

tert-Butylbenzene

Concen: 174.740 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

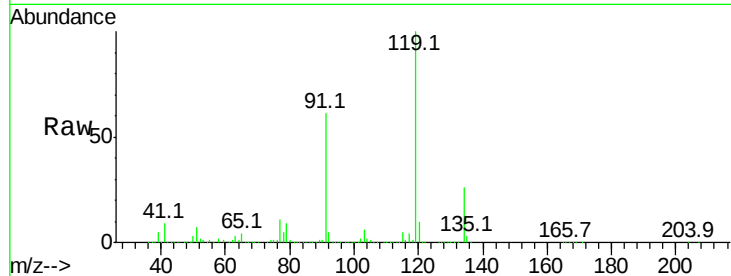
Tgt Ion:119 Resp: 2033634

Ion Ratio Lower Upper

119 100

91 60.3 30.0 90.1

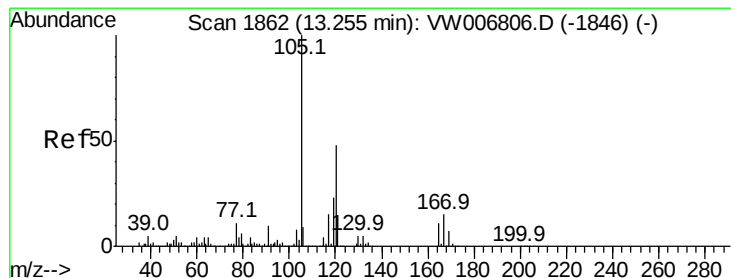
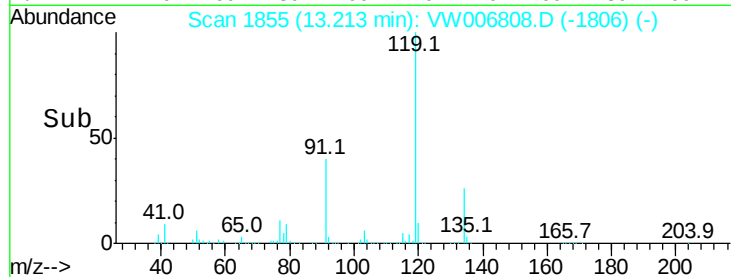
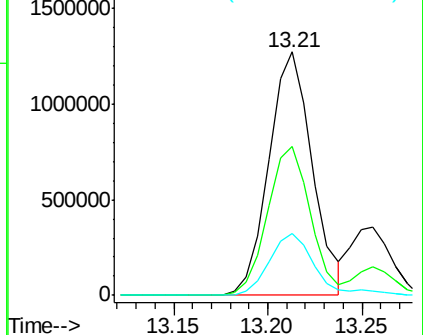
134 26.7 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 165.932 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW006808.D

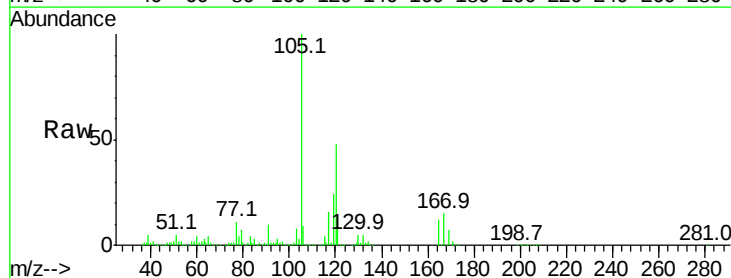
Acq: 12 Nov 2018 14:32

Tgt Ion:105 Resp: 2289773

Ion Ratio Lower Upper

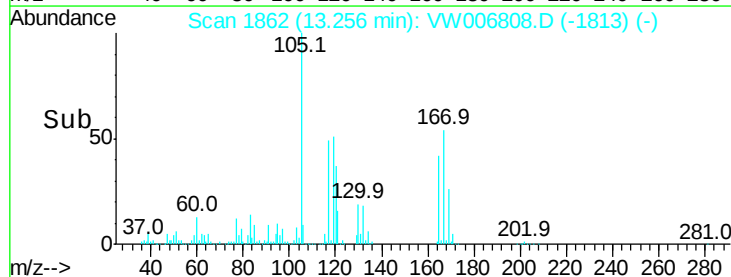
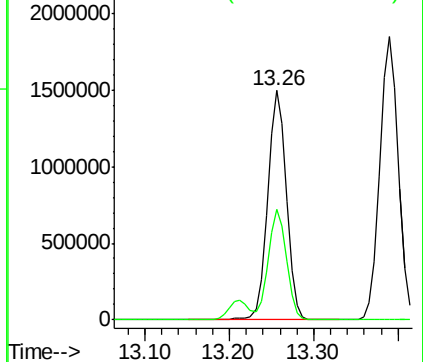
105 100

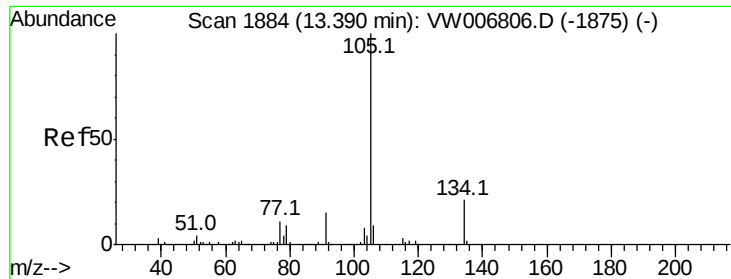
120 46.9 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

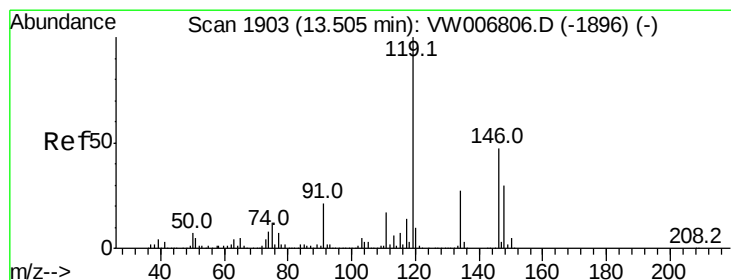
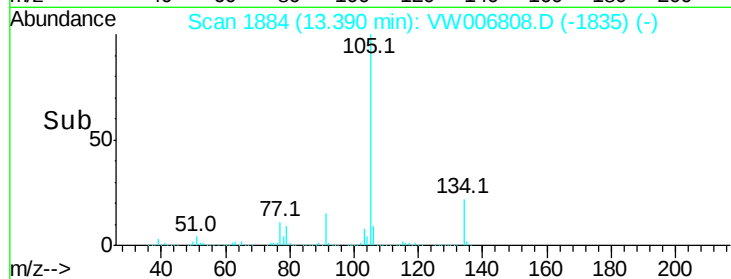
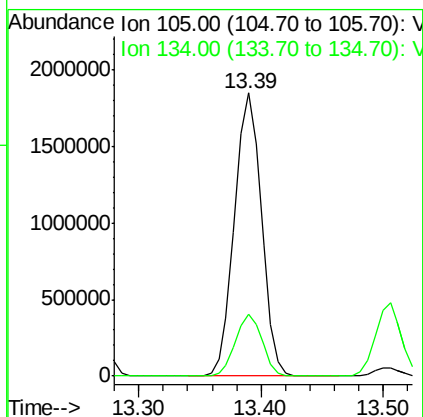
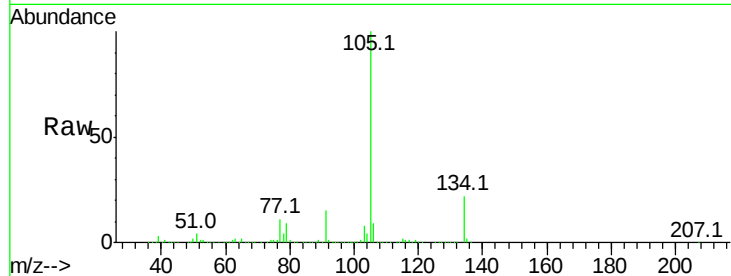




#85
 sec-Butylbenzene
 Concen: 168.927 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

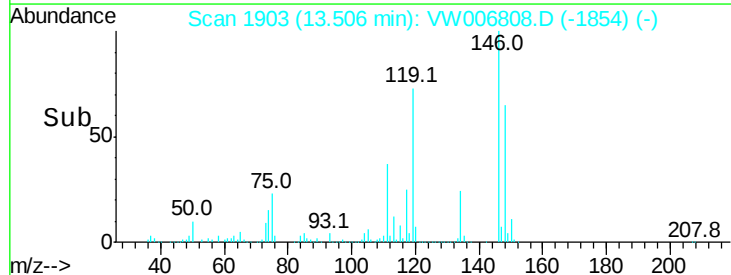
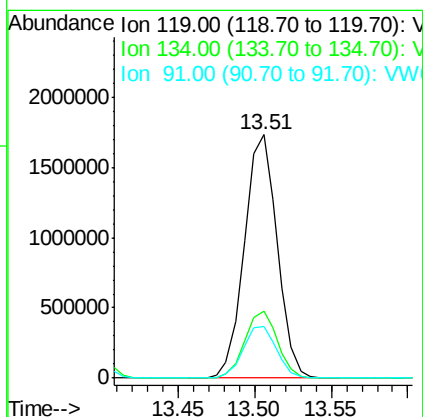
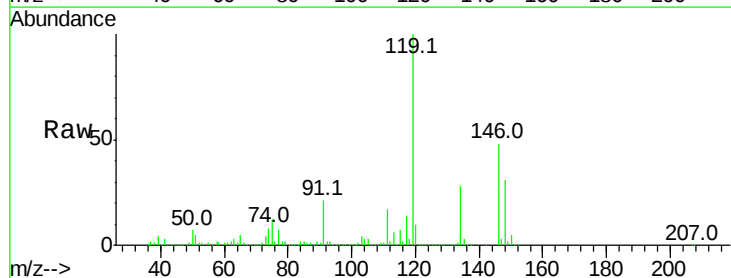
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

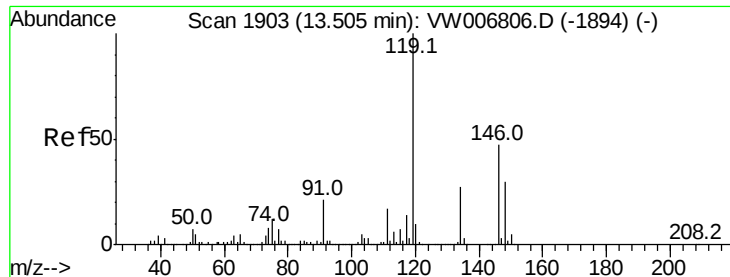
Tgt Ion:105 Resp: 2813759
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 169.582 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Tgt Ion:119 Resp: 2576491
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.5 40.4
 91 21.6 10.8 32.4

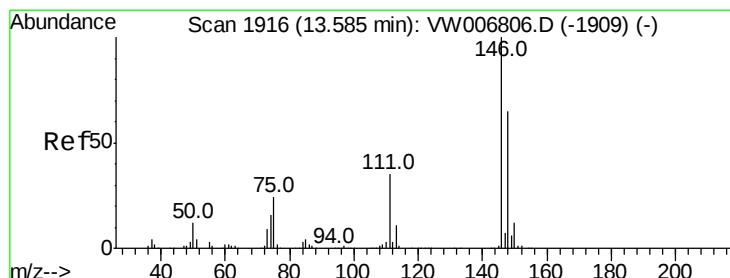
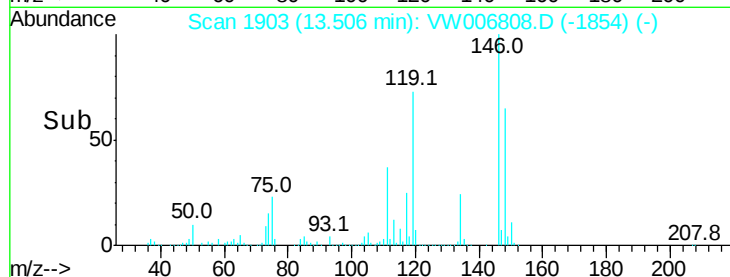
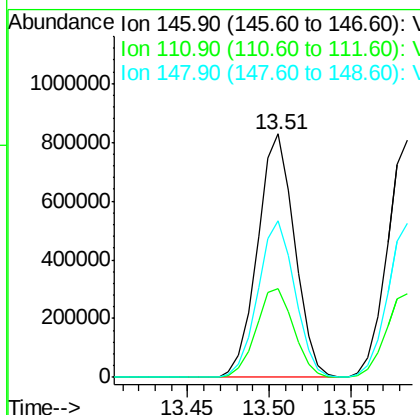
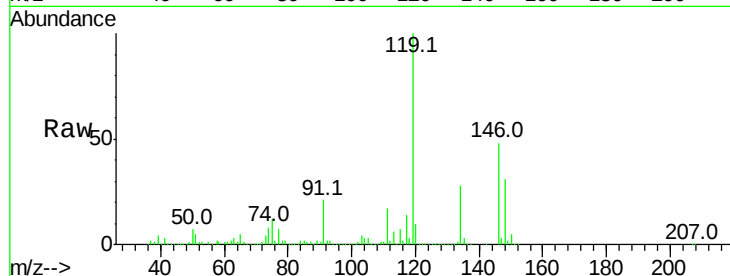




#87
 1,3-Dichlorobenzene
 Concen: 159.350 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

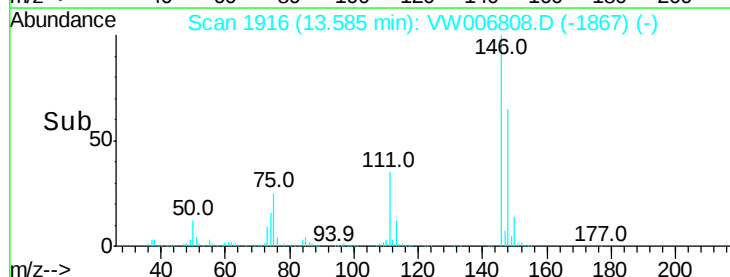
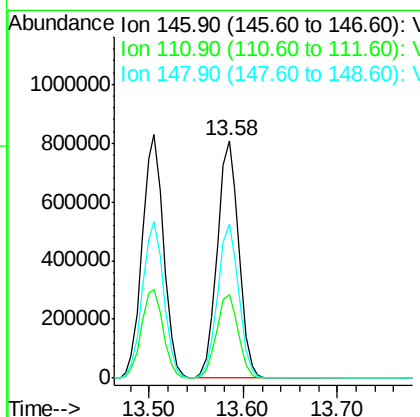
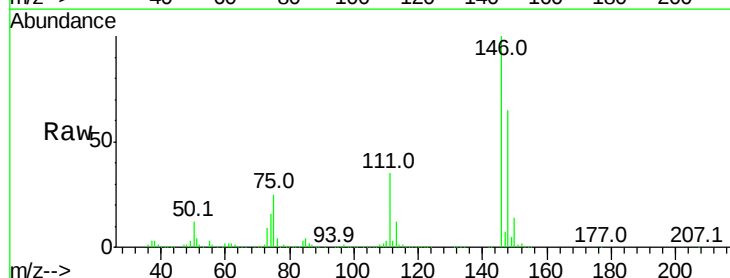
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

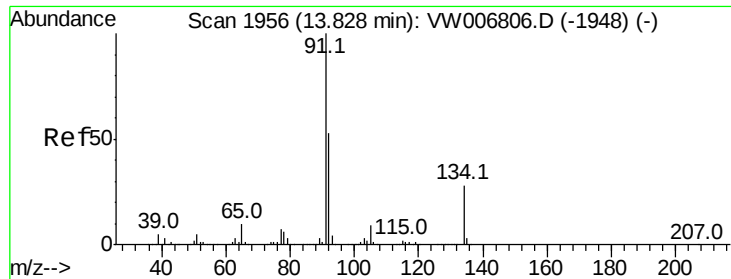
Tgt Ion:146 Resp: 1301242
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.3 54.9
 148 64.0 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 156.285 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Tgt Ion:146 Resp: 1271084
 Ion Ratio Lower Upper
 146 100
 111 35.7 17.8 53.3
 148 64.3 32.0 96.0

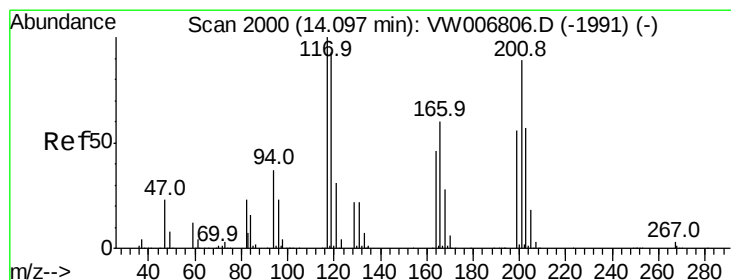
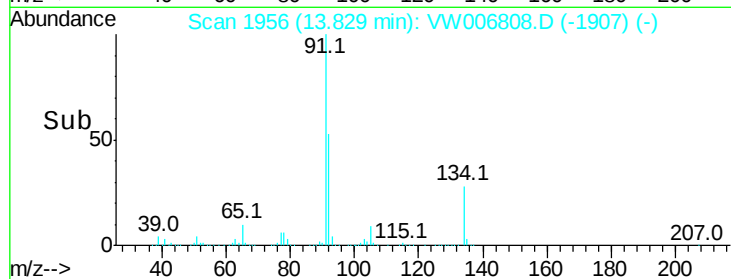
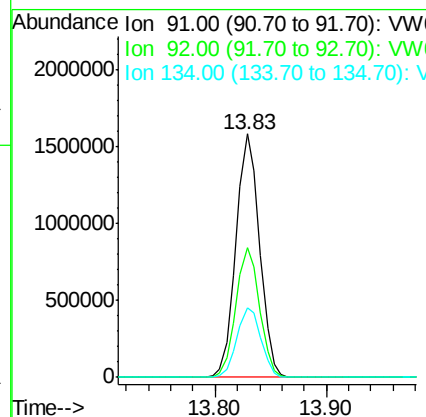
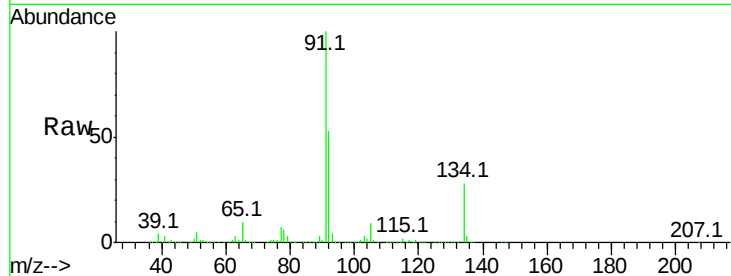




#89
n-Butylbenzene
Concen: 165.756 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

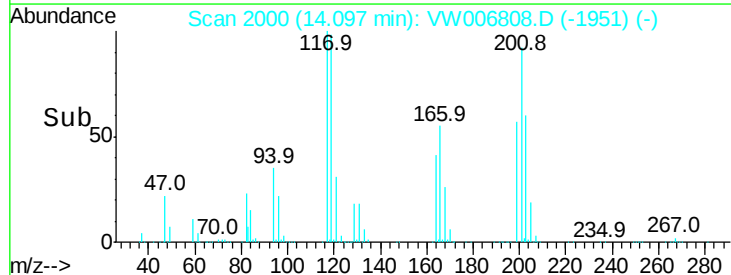
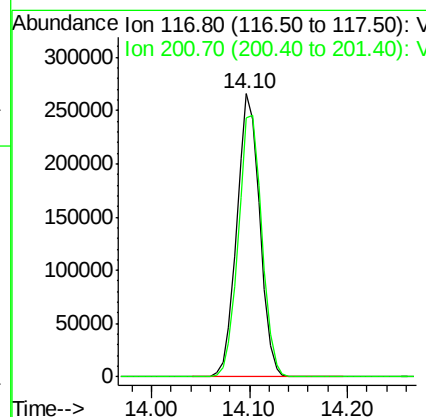
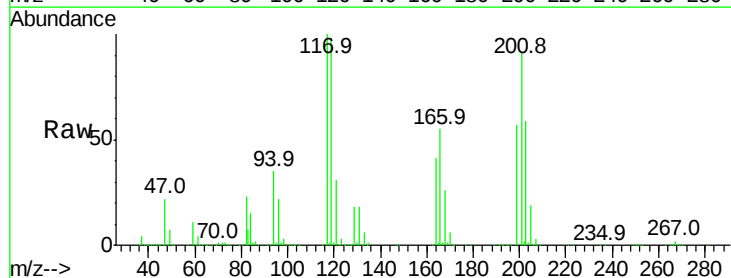
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

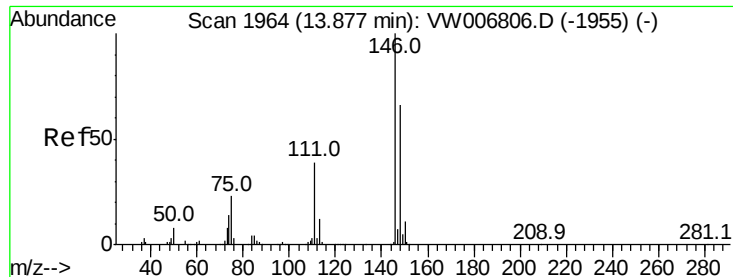
Tgt Ion: 91 Resp: 2324343
Ion Ratio Lower Upper
91 100
92 53.3 26.5 79.4
134 29.0 14.4 43.2



#90
Hexachloroethane
Concen: 180.773 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Tgt Ion: 117 Resp: 430882
Ion Ratio Lower Upper
117 100
201 94.9 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 156.385 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

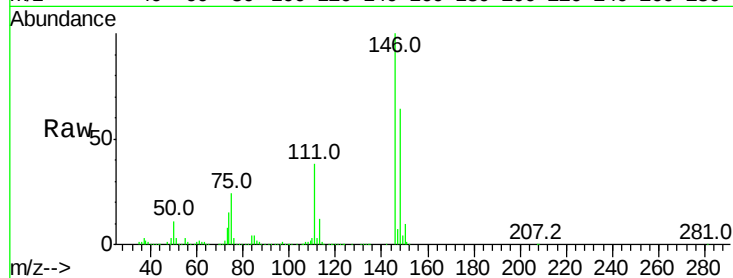
Tgt Ion:146 Resp: 1117167

Ion Ratio Lower Upper

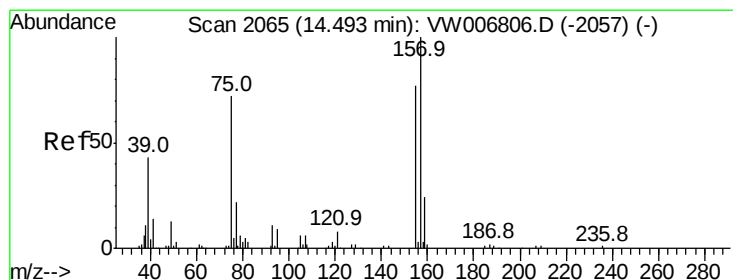
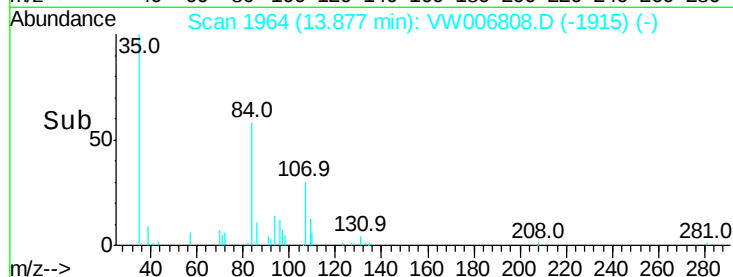
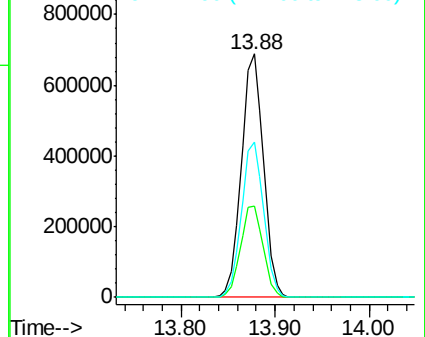
146 100

111 38.4 19.3 57.8

148 64.1 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 163.823 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

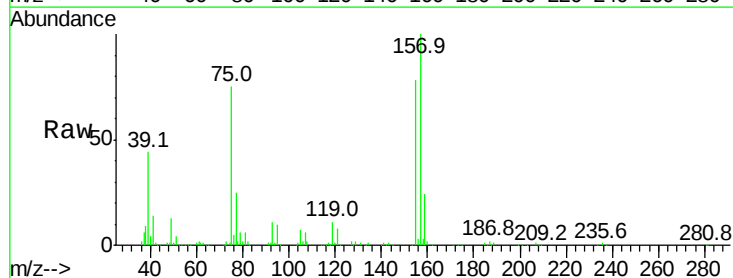
Tgt Ion: 75 Resp: 61263

Ion Ratio Lower Upper

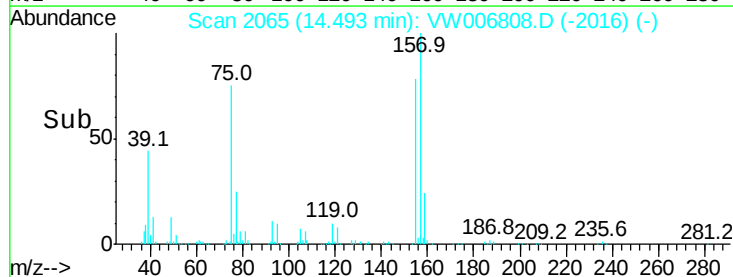
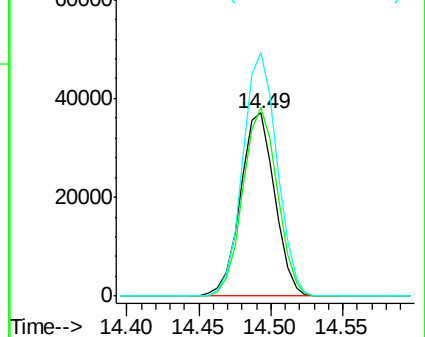
75 100

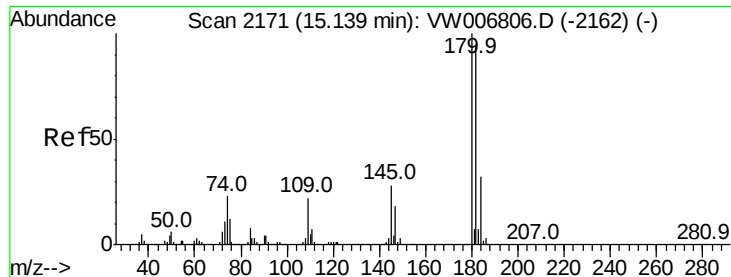
155 103.1 51.0 153.1

157 132.3 67.4 202.2



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

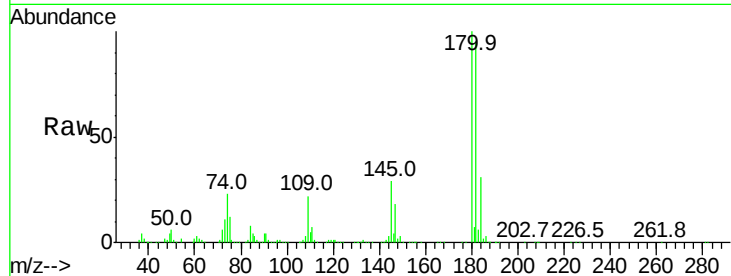




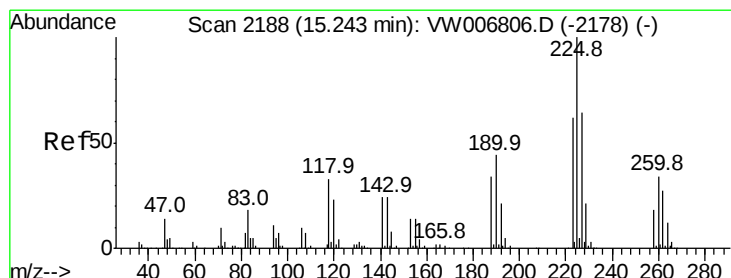
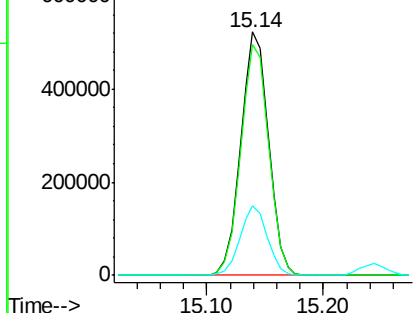
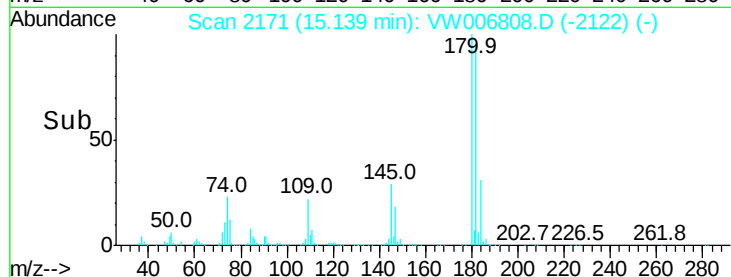
#93
 1,2,4-Trichlorobenzene
 Concen: 164.128 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 867961
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.5 142.5
 145 28.2 14.0 41.9

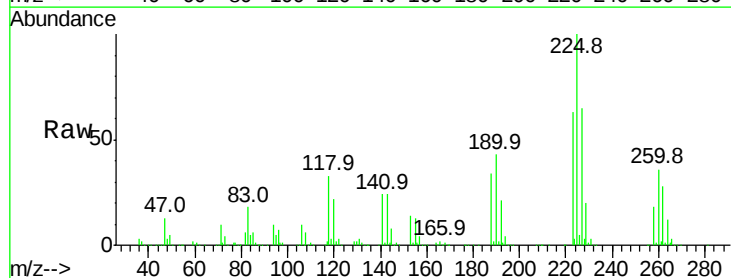


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

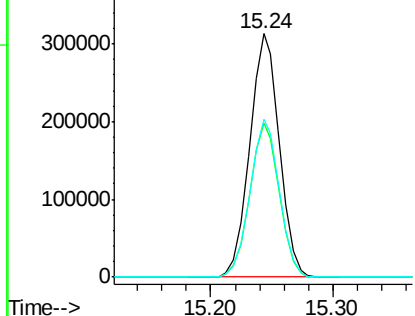
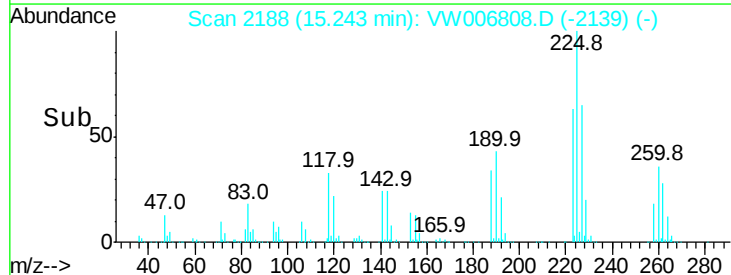


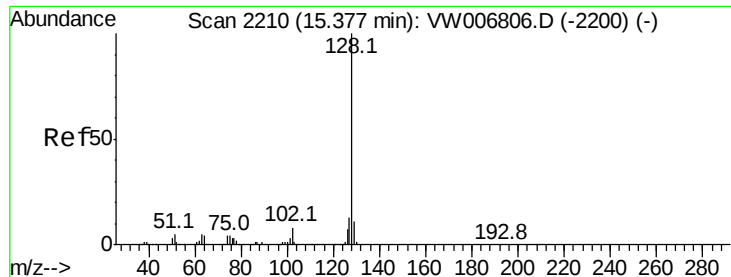
#94
 Hexachlorobutadiene
 Concen: 157.632 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Tgt Ion:225 Resp: 524621
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.2 93.6
 227 64.3 32.3 96.9



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

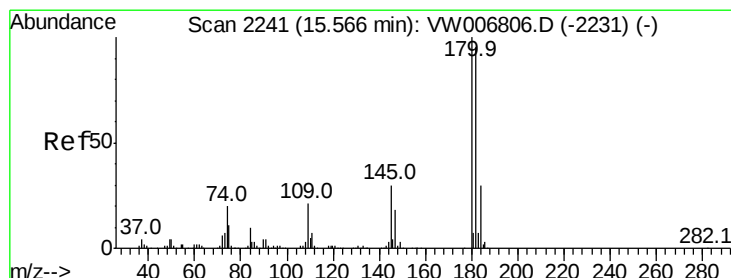
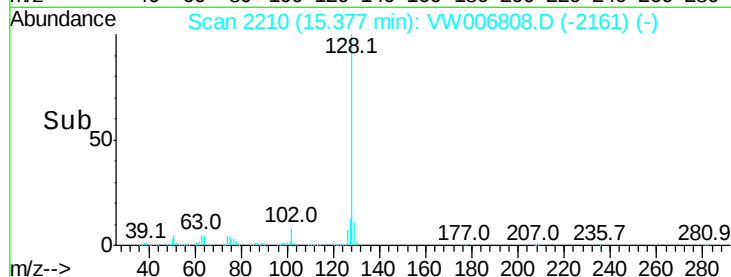
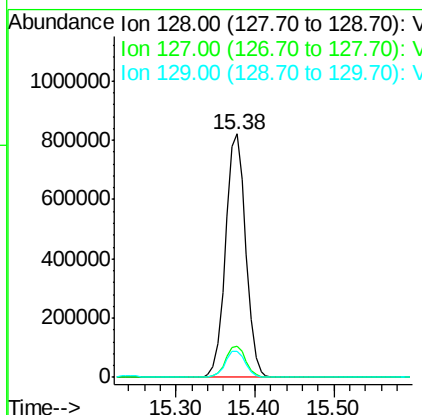
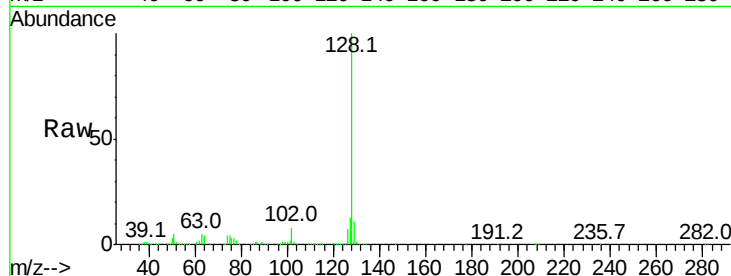




#95
Naphthalene
Concen: 179.003 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1448437
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 164.440 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Tgt Ion:180 Resp: 752242
Ion Ratio Lower Upper
180 100
182 95.6 47.9 143.6
145 29.6 15.2 45.5

