

Data File : VW005406.D
Acq On : 15 Sep 2018 01:22
Operator : SY/AP
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Quant Time: Sep 15 02:09:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:05:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	243976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	367480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	346666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	170783	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	346550	180.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	360.92%	
35) Dibromofluoromethane	7.89	113	292873	151.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	303.58%	
50) Toluene-d8	10.33	98	1331587	138.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	277.22%	
62) 4-Bromofluorobenzene	12.63	95	478609	135.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	270.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	293172	136.957	ug/l	98
3) Chloromethane	2.21	50	385461	136.579	ug/l	100
4) Vinyl Chloride	2.35	62	367368	141.150	ug/l	98
5) Bromomethane	2.78	94	229378	129.168	ug/l	98
6) Chloroethane	2.91	64	218228	150.029	ug/l	99
7) Trichlorofluoromethane	3.26	101	487270	160.518	ug/l	99
8) Diethyl Ether	3.69	74	158024	150.836	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	289507	138.635	ug/l	99
10) Methyl Iodide	4.27	142	422131	182.512	ug/l	98
11) Tert butyl alcohol	5.22	59	109383	723.802	ug/l	98
12) 1,1-Dichloroethene	4.04	96	276534	144.294	ug/l	97
13) Acrolein	3.90	56	83230	599.496	ug/l	98
14) Allyl chloride	4.67	41	536469	175.775	ug/l	99
15) Acrylonitrile	5.38	53	358078	757.046	ug/l	99
16) Acetone	4.15	43	259515	748.965	ug/l	100
17) Carbon Disulfide	4.38	76	989222	147.338	ug/l	99
18) Methyl Acetate	4.68	43	178911	171.200	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	780985	166.428	ug/l	96
20) Methylene Chloride	4.92	84	345167	119.574	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	328943	146.166	ug/l	97
22) Diisopropyl ether	6.32	45	1055022	171.453	ug/l	98
23) Vinyl Acetate	6.26	43	2999915	871.859	ug/l	99
24) 1,1-Dichloroethane	6.22	63	611732	162.440	ug/l	98
25) 2-Butanone	7.18	43	414580	757.205	ug/l	97
26) 2,2-Dichloropropane	7.17	77	511169	156.287	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	365755	151.346	ug/l	98
28) Bromochloromethane	7.52	49	227763	164.384	ug/l	99
29) Tetrahydrofuran	7.54	42	282821	775.015	ug/l	99
30) Chloroform	7.68	83	624785	165.239	ug/l	98
31) Cyclohexane	7.96	56	552708	141.825	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	555348	161.444	ug/l	99
36) 1,1-Dichloropropene	8.09	75	495452	146.425	ug/l	100
37) Ethyl Acetate	7.26	43	198431	151.734	ug/l	99
38) Carbon Tetrachloride	8.07	117	495784	153.695	ug/l	99

Data File : VW005406.D
Acq On : 15 Sep 2018 01:22
Operator : SY/AP
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Quant Time: Sep 15 02:09:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:05:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	619958	140.981	ug/l	98
40) Benzene	8.33	78	1438671	145.101	ug/l	99
41) Methacrylonitrile	7.49	41	131072	192.121	ug/l	98
42) 1,2-Dichloroethane	8.41	62	433633	173.332	ug/l	99
43) Isopropyl Acetate	8.43	43	408475	167.286	ug/l	100
44) Trichloroethene	9.10	130	370085	137.472	ug/l	95
45) 1,2-Dichloropropane	9.38	63	342235	143.669	ug/l	99
46) Dibromomethane	9.46	93	168514	143.406	ug/l	99
47) Bromodichloromethane	9.65	83	452605	155.185	ug/l	99
48) Methyl methacrylate	9.45	41	213719	169.871	ug/l	97
49) 1,4-Dioxane	9.48	88	54229	2541.931	ug/l #	95
51) 4-Methyl-2-Pentanone	10.22	43	1027197	757.583	ug/l	99
52) Toluene	10.40	92	986695	137.680	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	491412	157.968	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	545660	147.953	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	245467	133.271	ug/l	97
56) Ethyl methacrylate	10.65	69	349755	149.273	ug/l	98
57) 1,3-Dichloropropane	10.94	76	438413	141.814	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	793833	775.922	ug/l	100
59) 2-Hexanone	10.98	43	697354	716.320	ug/l	99
60) Dibromochloromethane	11.13	129	310695	149.890	ug/l	100
61) 1,2-Dibromoethane	11.24	107	227425	134.773	ug/l	100
64) Tetrachloroethene	10.87	164	368752	143.735	ug/l	98
65) Chlorobenzene	11.66	112	1053417	139.739	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	346534	152.103	ug/l	100
67) Ethyl Benzene	11.74	91	1949854	148.111	ug/l	99
68) m/p-Xylenes	11.85	106	1485533	281.629	ug/l	99
69) o-Xylene	12.17	106	699451	142.803	ug/l	100
70) Styrene	12.19	104	1159012	144.560	ug/l	99
71) Bromoform	12.35	173	183812	149.404	ug/l #	100
73) Isopropylbenzene	12.47	105	1932007	161.091	ug/l	100
74) N-amyl acetate	12.28	43	404907	173.816	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	262112	146.086	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	383143	292.282	ug/l #	100
77) Bromobenzene	12.76	156	422335	148.810	ug/l	99
78) n-propylbenzene	12.81	91	2292127	157.980	ug/l	100
79) 2-Chlorotoluene	12.90	91	1314587	157.731	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1650375	159.702	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	85958	154.734	ug/l	100
82) 4-Chlorotoluene	12.99	91	1372823	156.364	ug/l	100
83) tert-Butylbenzene	13.21	119	1376411	153.582	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1656431	158.783	ug/l	99
85) sec-Butylbenzene	13.39	105	1954819	151.975	ug/l	100
86) p-Isopropyltoluene	13.51	119	1764597	154.648	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	828554	139.918	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	806326	137.762	ug/l	100
89) n-Butylbenzene	13.83	91	1625036	151.517	ug/l	99
90) Hexachloroethane	14.10	117	295518	159.901	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	712096	136.101	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	47077	154.363	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091618\
Quantitation Report (Not Reviewed)

Data File : VW005406.D
Acq On : 15 Sep 2018 01:22
Operator : SY/AP
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

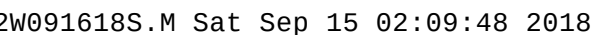
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

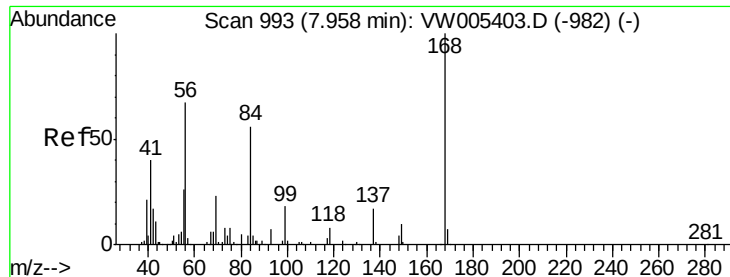
Quant Time: Sep 15 02:09:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:05:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	505401	137.329	ug/l	99
94) Hexachlorobutadiene	15.24	225	307818	130.661	ug/l	100
95) Naphthalene	15.38	128	930813	156.233	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	444442	140.610	ug/l	99

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

Quant Time: Sep 15 02:09:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:05:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

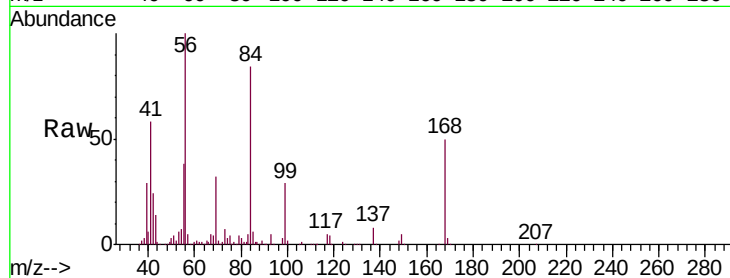
VSTDIC150

Tgt Ion:168 Resp: 243976

Ion Ratio Lower Upper

168 100

99 57.0 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

150000

100000

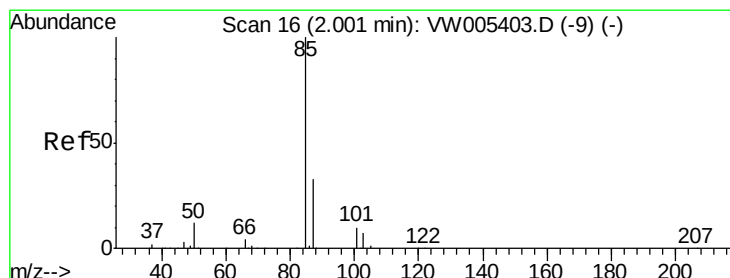
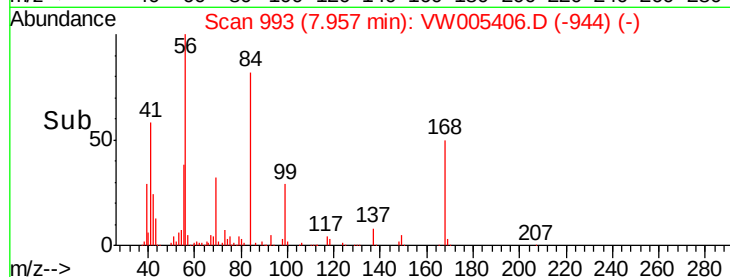
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 136.957 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005406.D

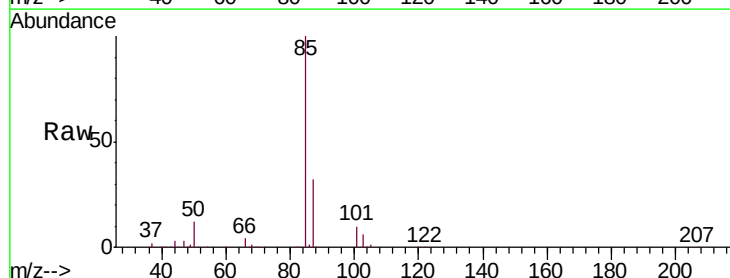
Acq: 15 Sep 2018 01:22

Tgt Ion: 85 Resp: 293172

Ion Ratio Lower Upper

85 100

87 31.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

200000

150000

100000

50000

0

1.90

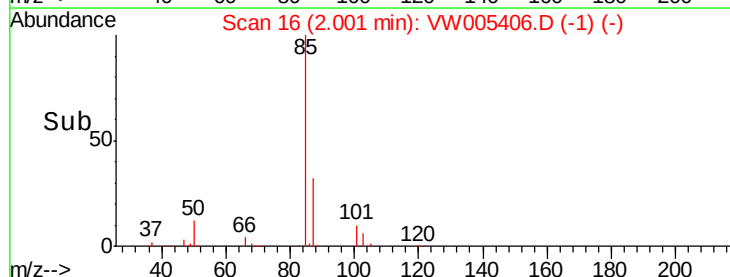
1.95

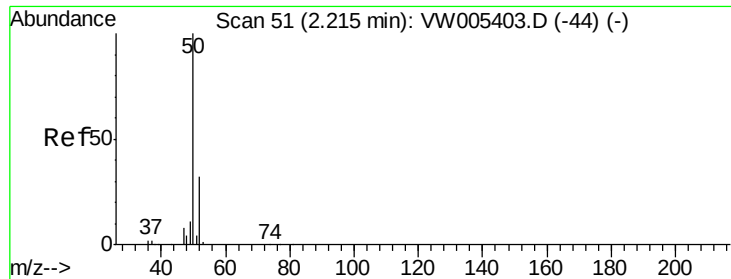
2.00

2.05

2.10

Time-->

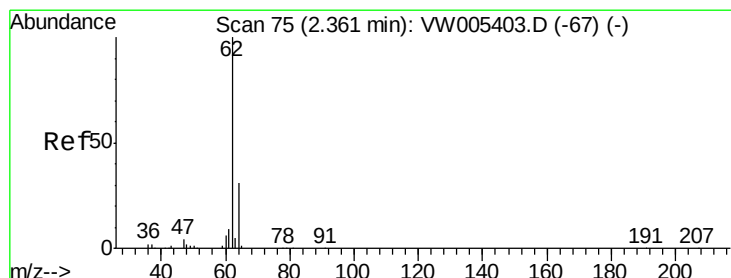
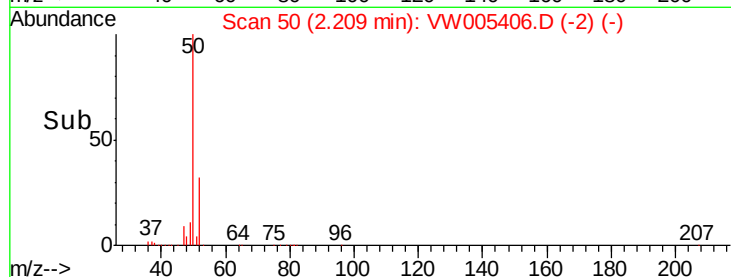
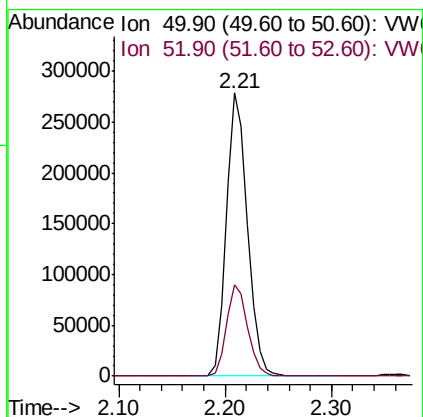
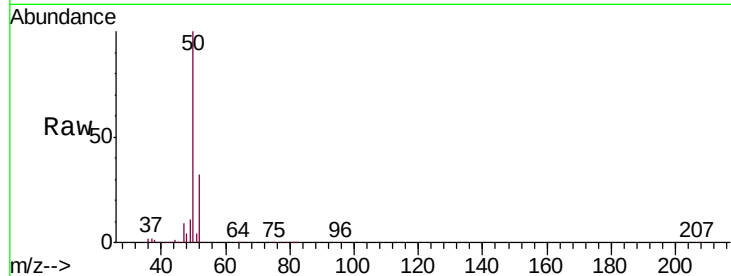




#3
Chloromethane
Concen: 136.579 ug/l
RT: 2.21 min Scan# 50
Delta R.T. -0.01 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

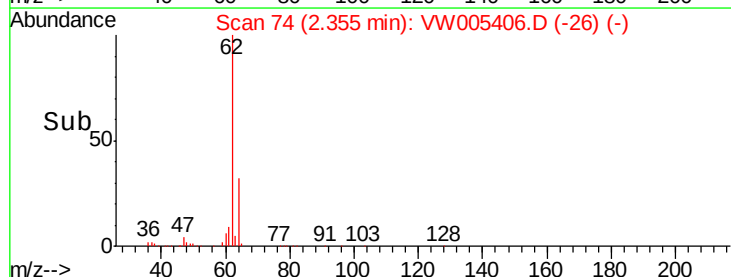
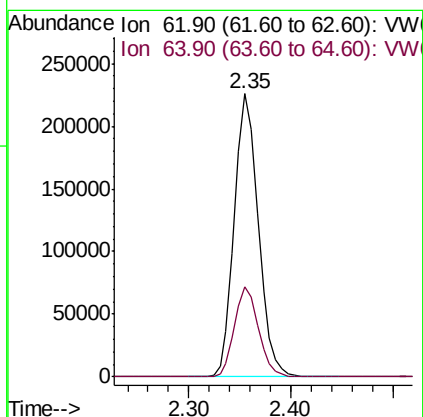
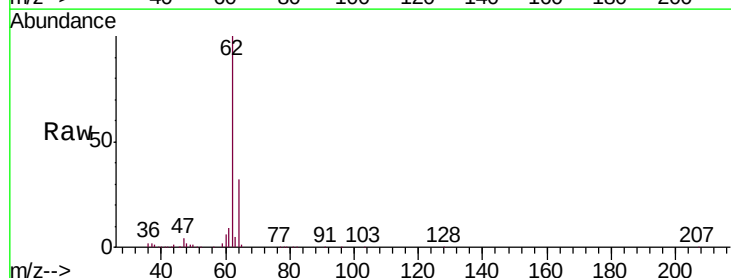
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

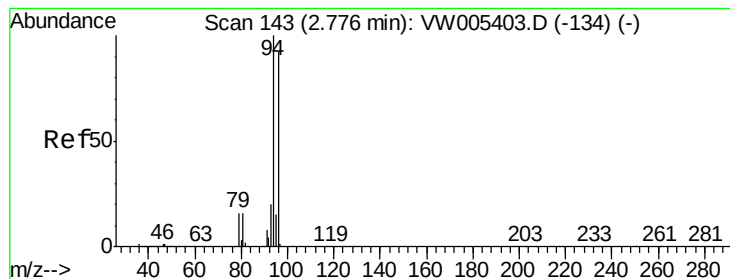
Tgt Ion: 50 Resp: 385461
Ion Ratio Lower Upper
50 100
52 32.1 25.8 38.6



#4
Vinyl Chloride
Concen: 141.150 ug/l
RT: 2.35 min Scan# 74
Delta R.T. -0.01 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Tgt Ion: 62 Resp: 367368
Ion Ratio Lower Upper
62 100
64 31.7 24.5 36.7





#5

Bromomethane

Concen: 129.168 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

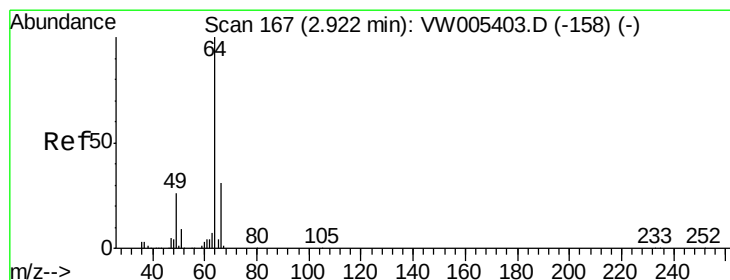
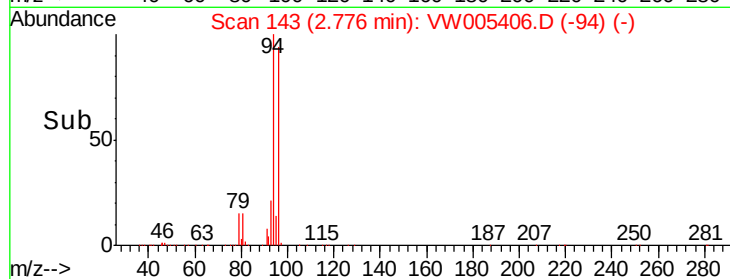
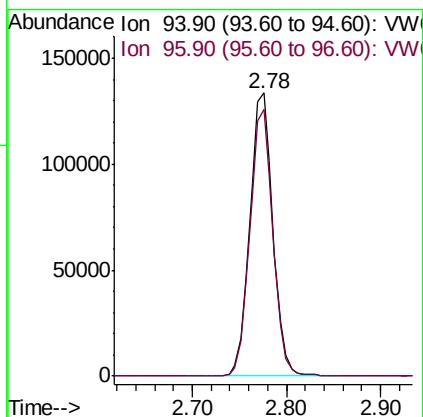
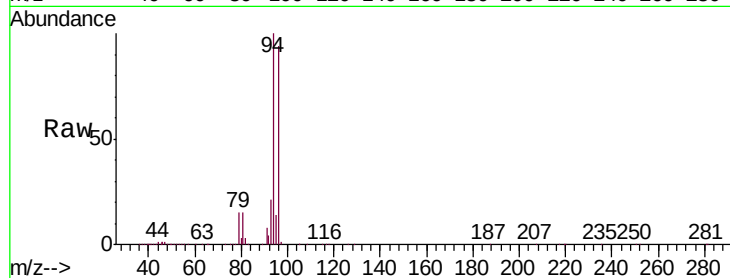
VSTDIC150

Tgt Ion: 94 Resp: 229378

Ion Ratio Lower Upper

94 100

96 94.0 73.7 110.5



#6

Chloroethane

Concen: 150.029 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW005406.D

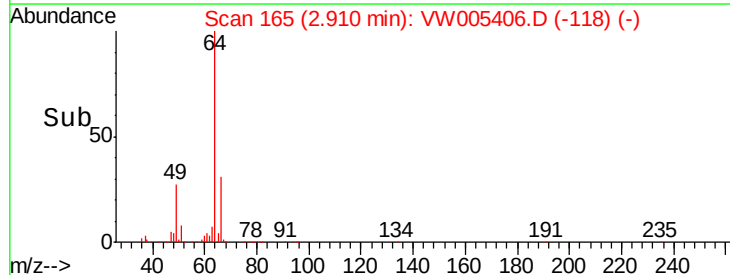
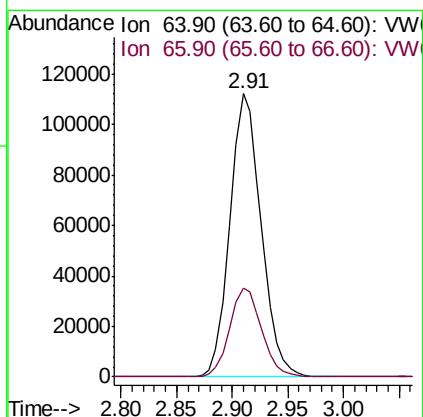
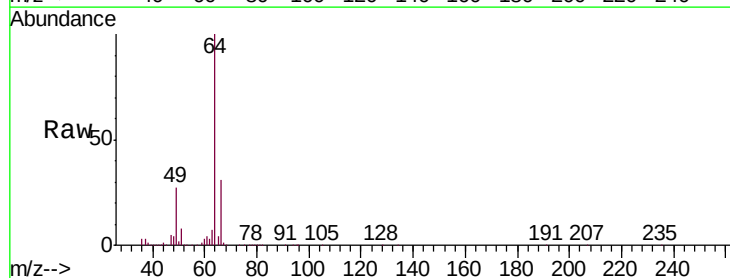
Acq: 15 Sep 2018 01:22

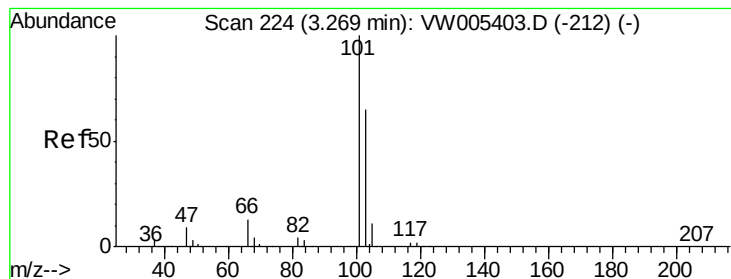
Tgt Ion: 64 Resp: 218228

Ion Ratio Lower Upper

64 100

66 31.1 25.2 37.8



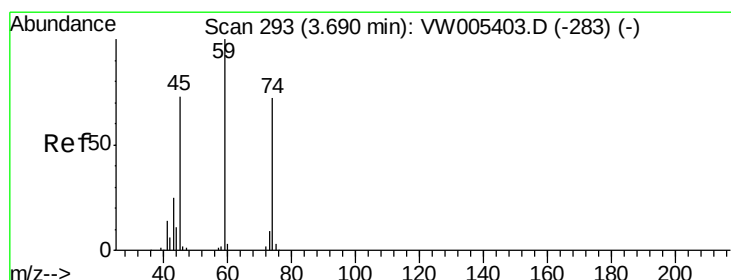
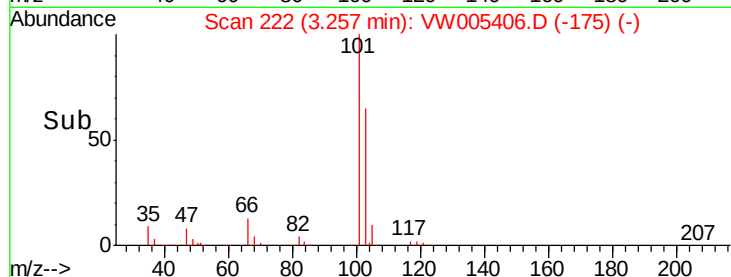
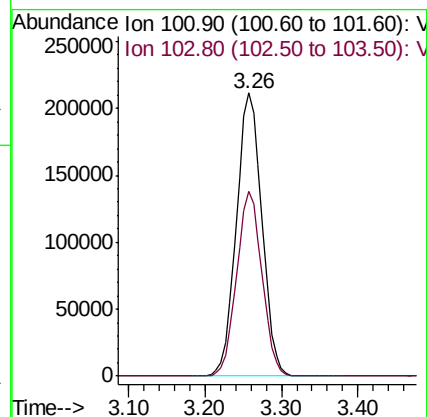
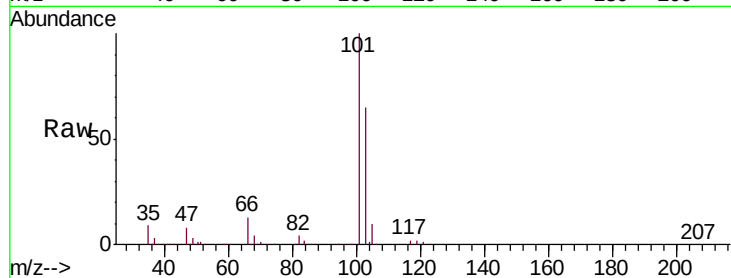


#7

Trichlorofluoromethane
 Concen: 160.518 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

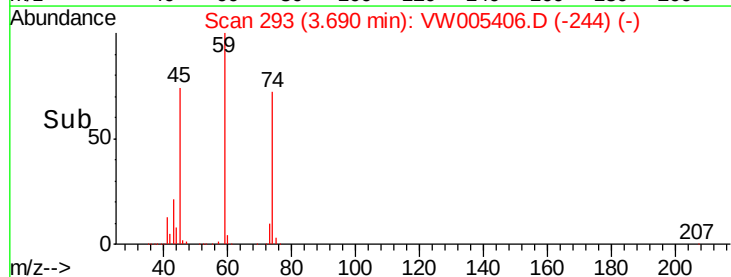
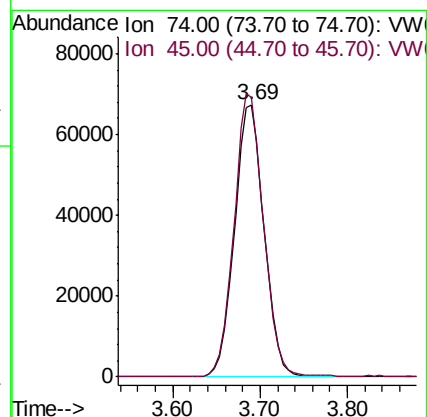
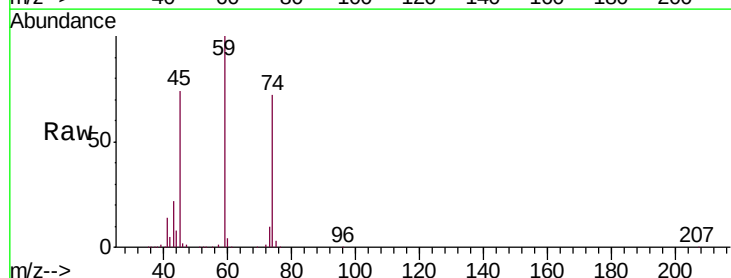
Tgt Ion: 101 Resp: 487270
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.7 77.5

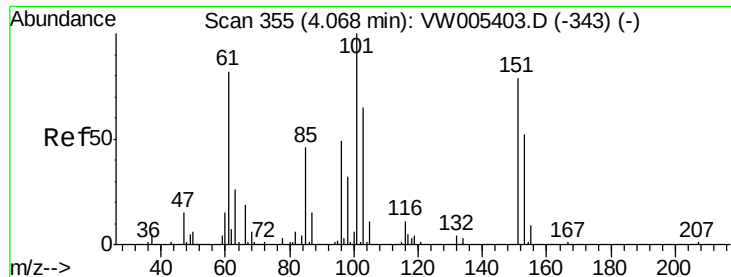


#8

Diethyl Ether
 Concen: 150.836 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Tgt Ion: 74 Resp: 158024
 Ion Ratio Lower Upper
 74 100
 45 104.1 53.1 159.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 138.635 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

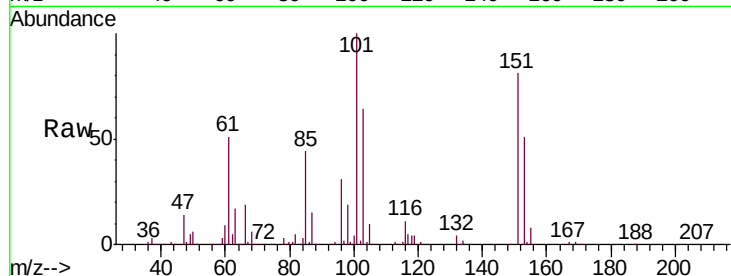
Tgt Ion:101 Resp: 289507

Ion Ratio Lower Upper

101 100

85 45.2 36.6 54.8

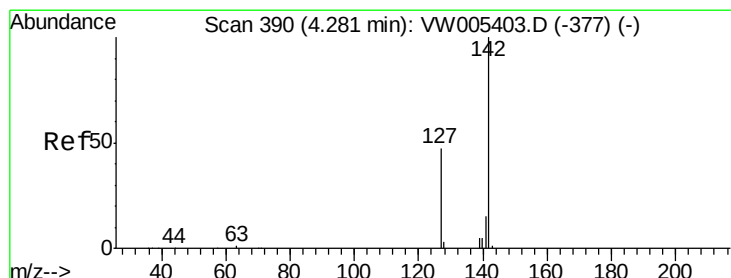
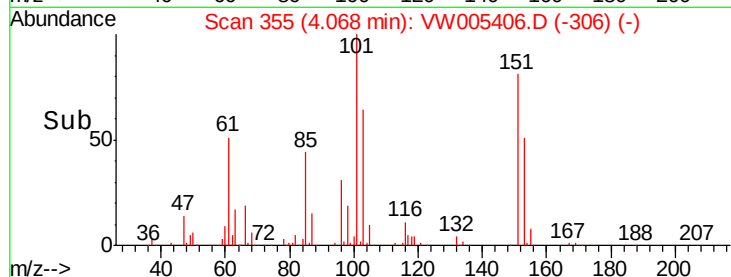
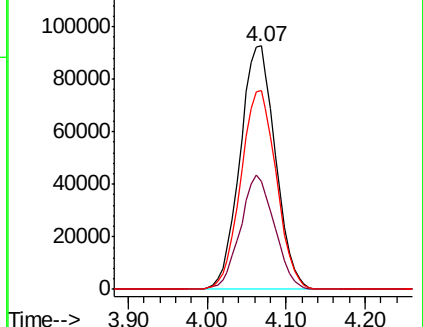
151 81.9 66.3 99.5



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: 182.512 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

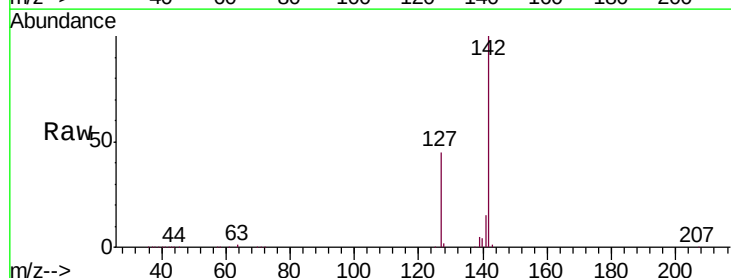
Tgt Ion:142 Resp: 422131

Ion Ratio Lower Upper

142 100

127 45.1 37.5 56.3

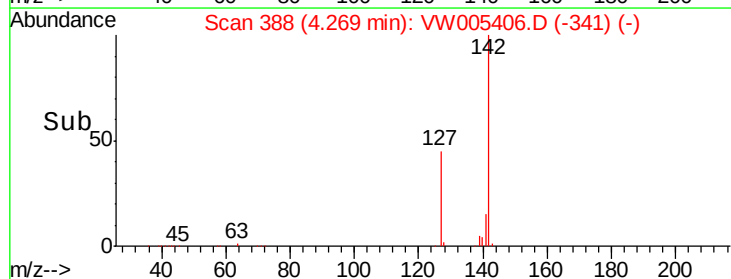
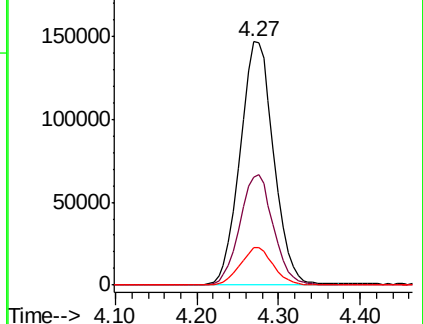
141 15.0 12.4 18.6

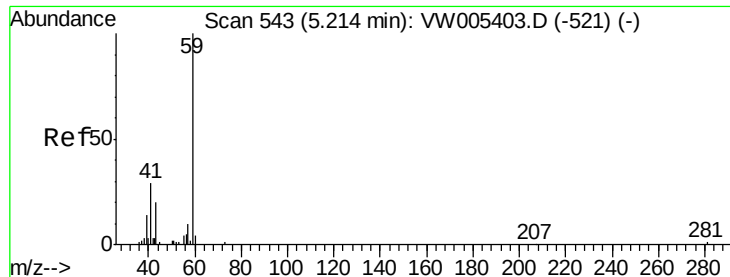


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 723.802 ug/l

RT: 5.22 min Scan# 544

Delta R.T. 0.01 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampled :

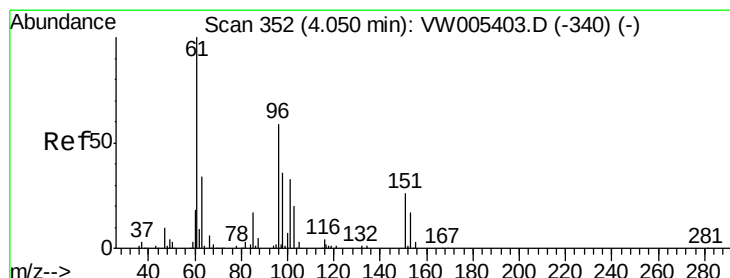
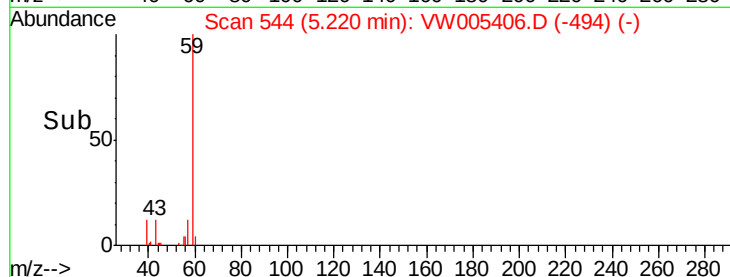
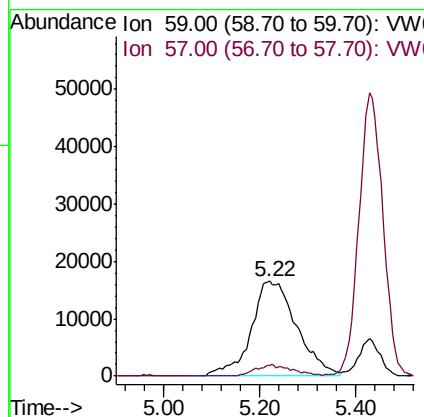
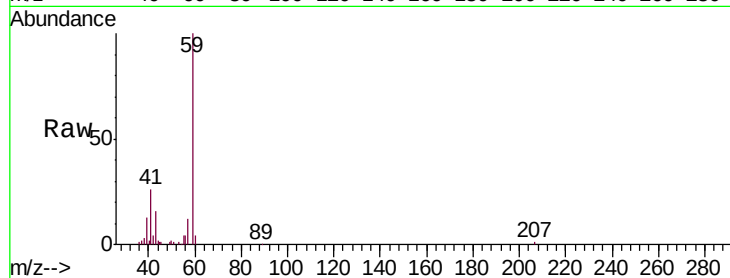
VSTDIC150

Tgt Ion: 59 Resp: 109383

Ion Ratio Lower Upper

59 100

57 10.0 8.6 13.0



#12

1,1-Dichloroethene

Concen: 144.294 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

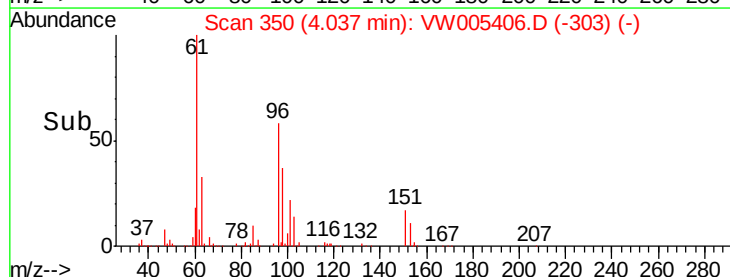
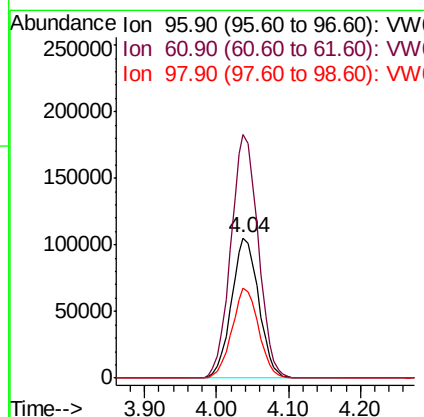
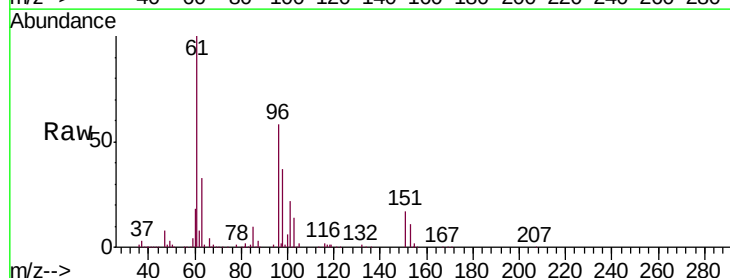
Tgt Ion: 96 Resp: 276534

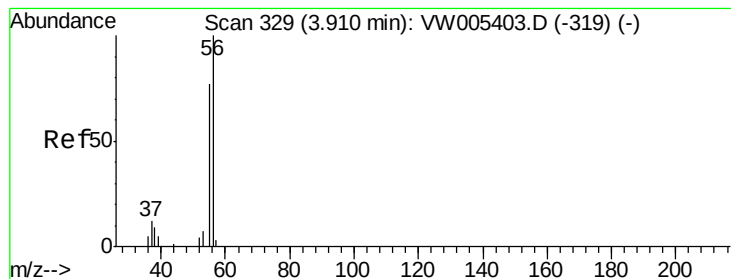
Ion Ratio Lower Upper

96 100

61 173.7 135.7 203.5

98 64.4 48.6 73.0





#13

Acrolein

Concen: 599.496 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.01 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

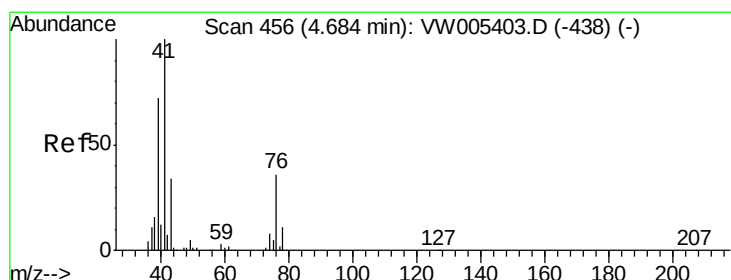
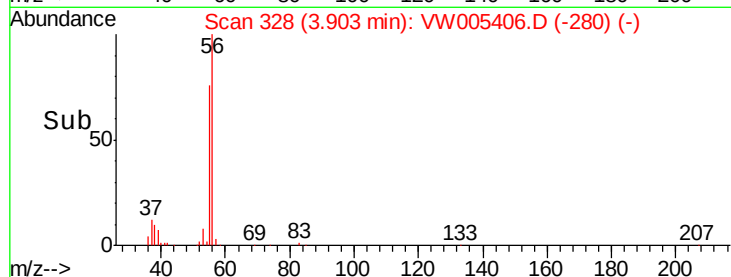
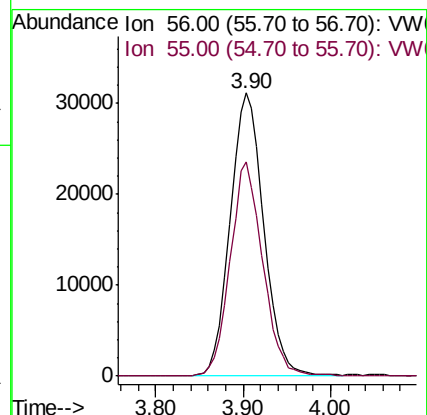
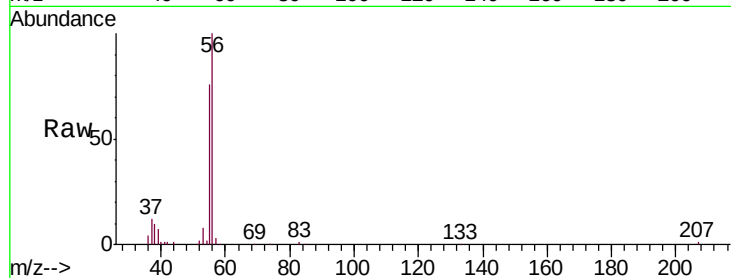
VSTDIC150

Tgt Ion: 56 Resp: 83230

Ion Ratio Lower Upper

56 100

55 72.8 59.8 89.8



#14

Allyl chloride

Concen: 175.775 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

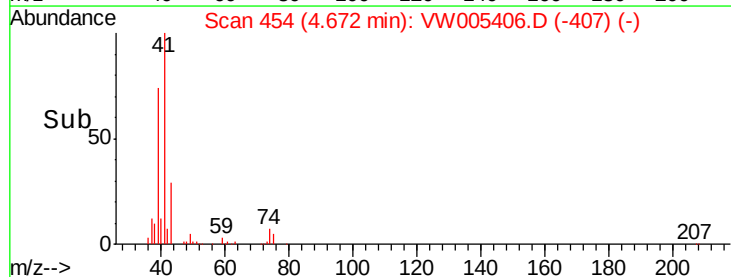
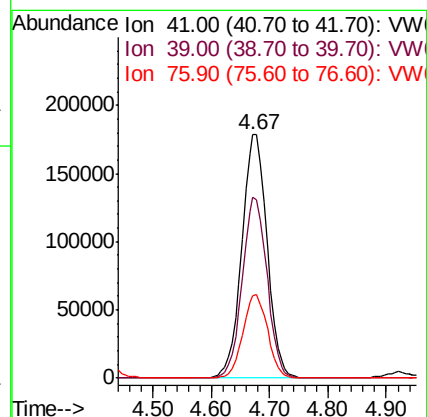
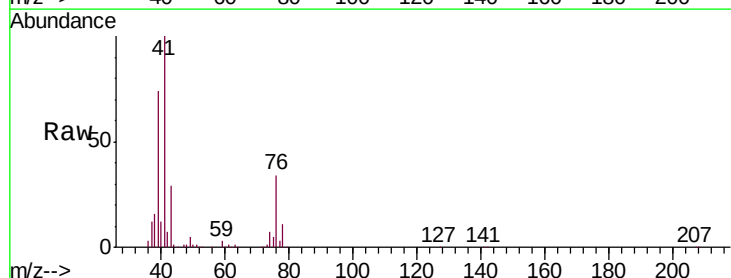
Tgt Ion: 41 Resp: 536469

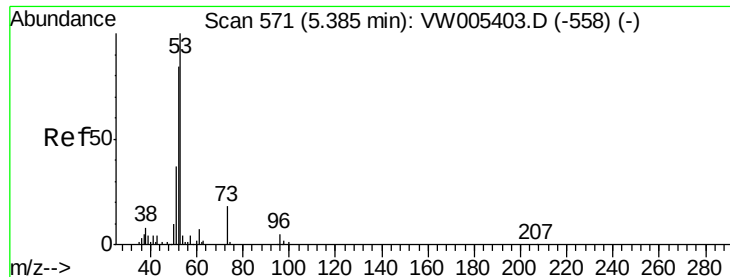
Ion Ratio Lower Upper

41 100

39 72.8 58.6 88.0

76 33.4 27.4 41.0





#15

Acrylonitrile

Concen: 757.046 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.01 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

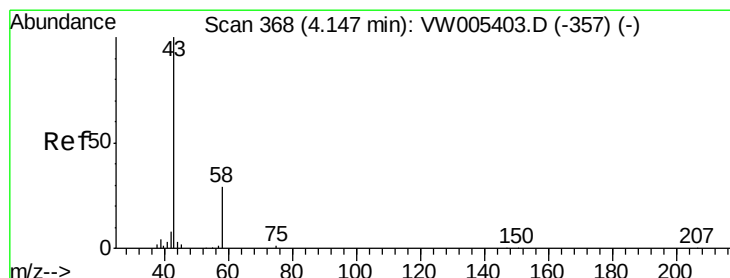
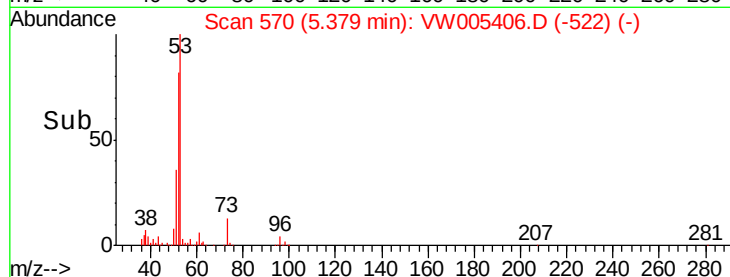
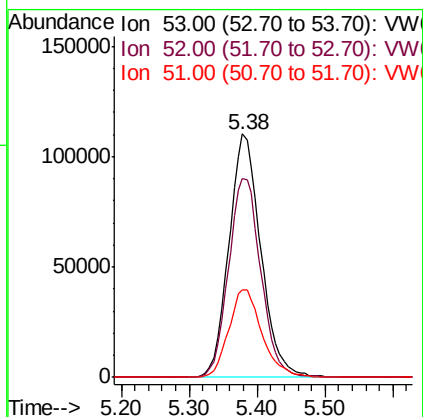
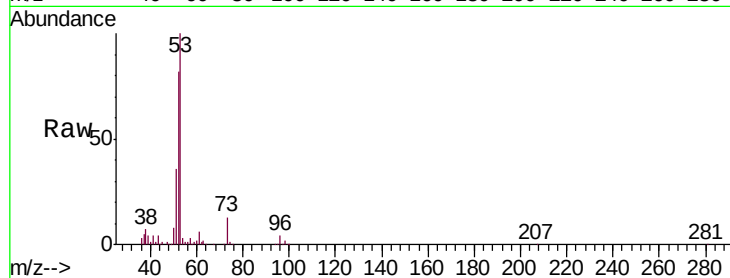
Tgt Ion: 53 Resp: 358078

Ion Ratio Lower Upper

53 100

52 82.9 66.6 99.8

51 37.9 31.1 46.7



#16

Acetone

Concen: 748.965 ug/l

RT: 4.15 min Scan# 368

Delta R.T. -0.00 min

Lab File: VW005406.D

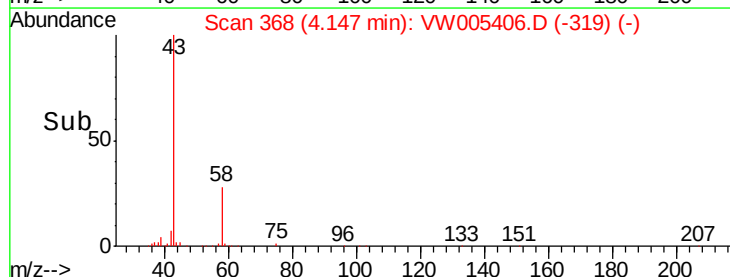
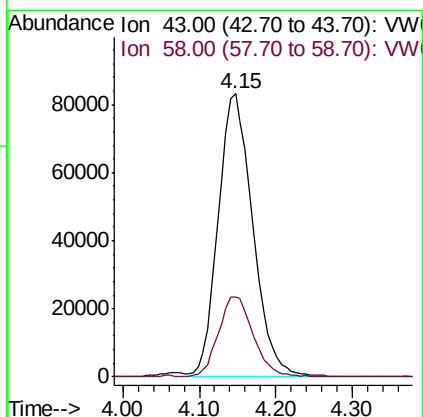
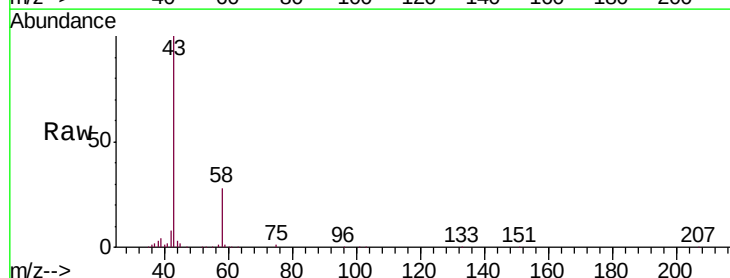
Acq: 15 Sep 2018 01:22

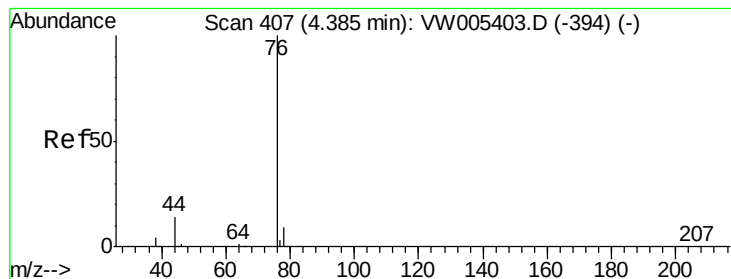
Tgt Ion: 43 Resp: 259515

Ion Ratio Lower Upper

43 100

58 28.3 22.8 34.2





#17

Carbon Disulfide

Concen: 147.338 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

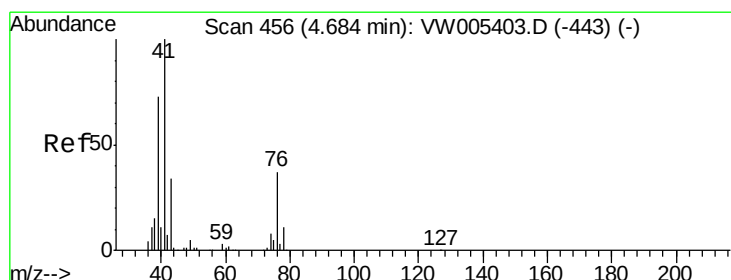
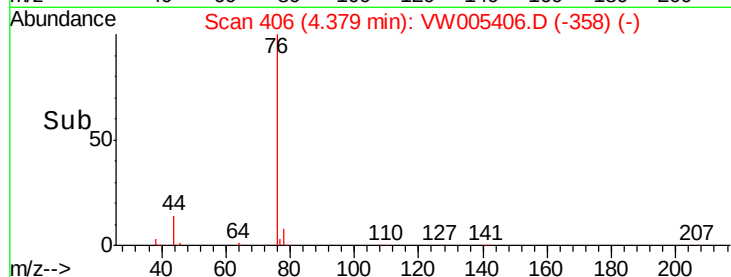
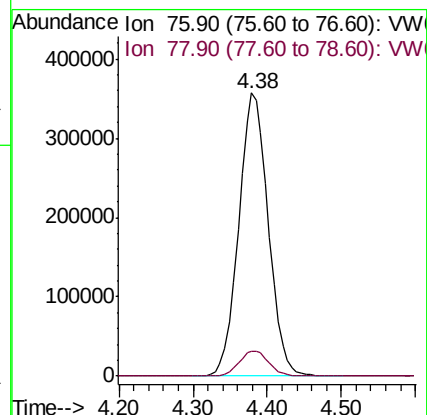
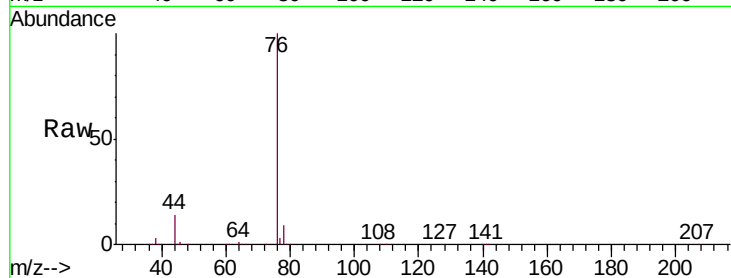
VSTDIC150

Tgt Ion: 76 Resp: 989222

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0



#18

Methyl Acetate

Concen: 171.200 ug/l

RT: 4.68 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW005406.D

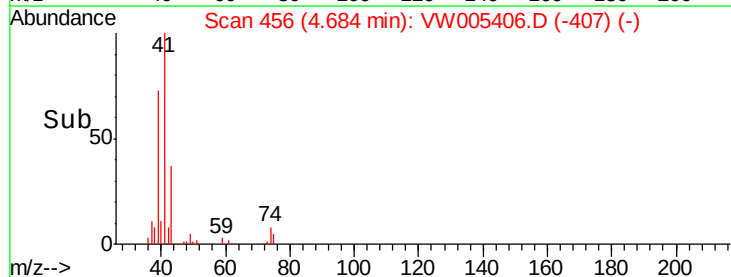
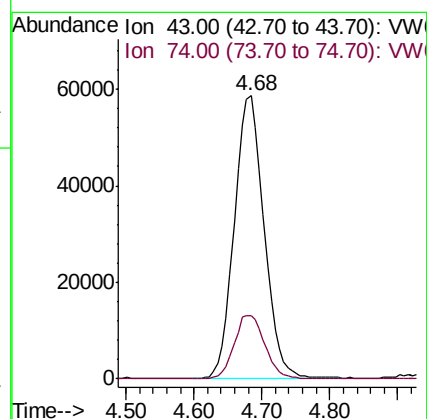
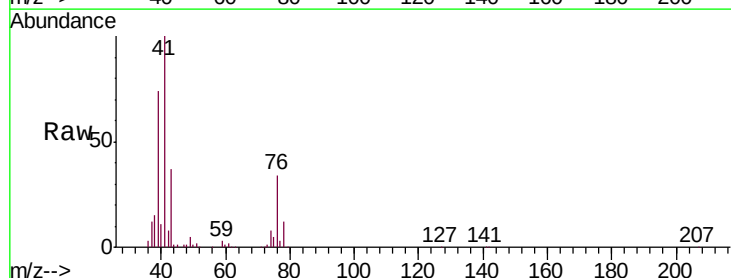
Acq: 15 Sep 2018 01:22

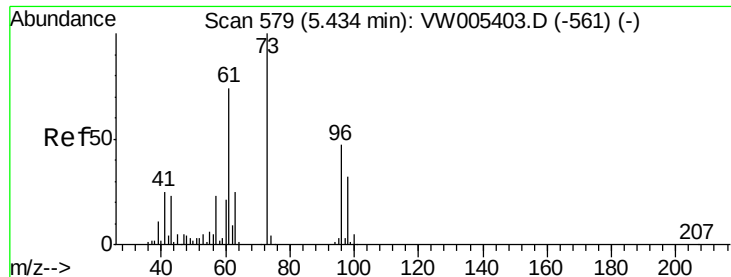
Tgt Ion: 43 Resp: 178911

Ion Ratio Lower Upper

43 100

74 23.0 17.7 26.5

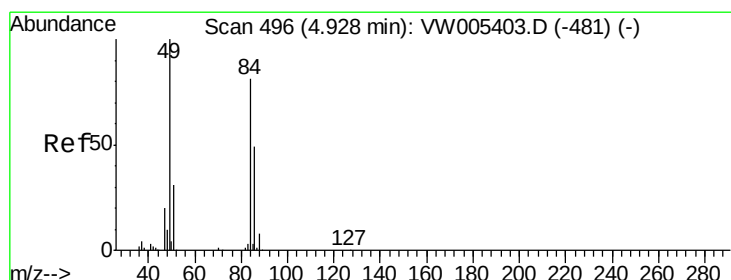
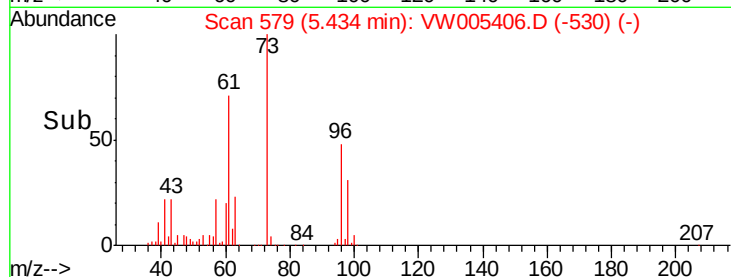
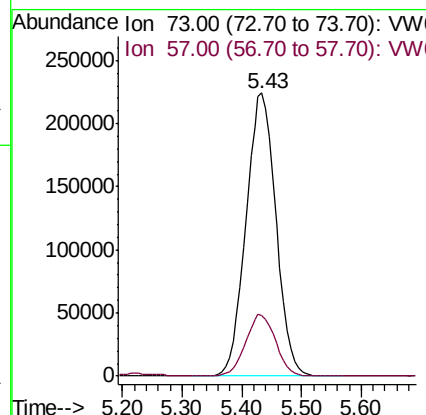
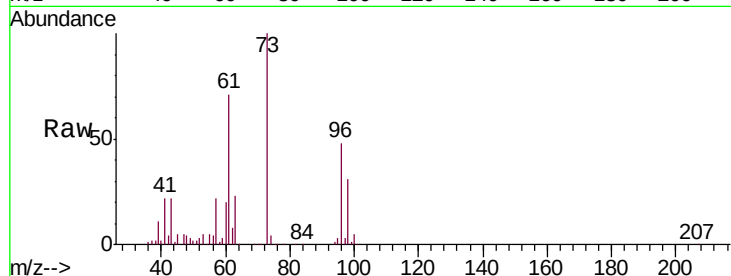




#19
Methyl tert-butyl Ether
Concen: 166.428 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

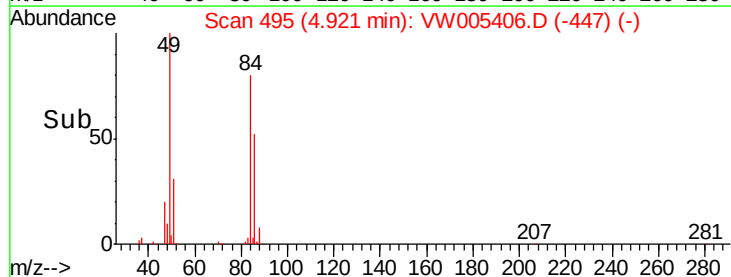
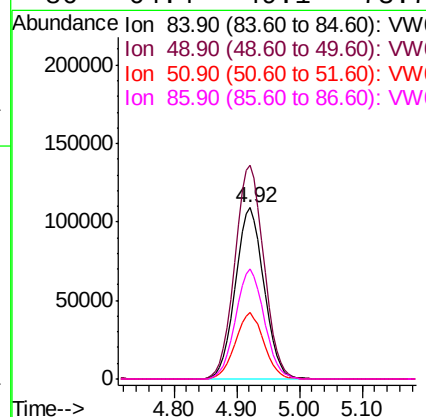
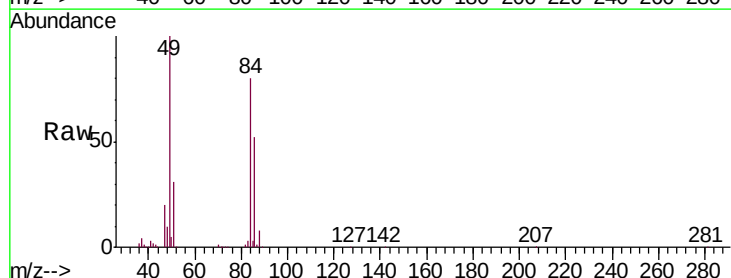
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

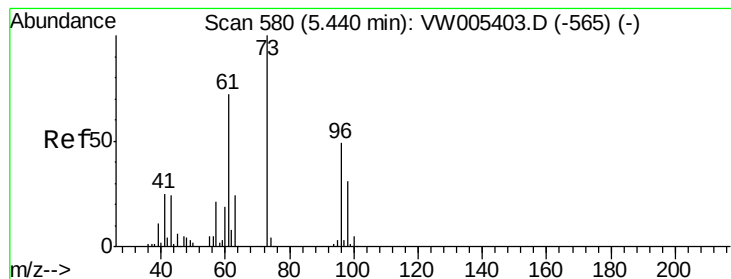
Tgt Ion: 73 Resp: 780985
Ion Ratio Lower Upper
73 100
57 21.6 18.6 28.0



#20
Methylene Chloride
Concen: 119.574 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Tgt Ion: 84 Resp: 345167
Ion Ratio Lower Upper
84 100
49 124.9 99.3 148.9
51 38.6 31.1 46.7
86 64.4 49.1 73.7





#21

trans-1,2-Dichloroethene

Concen: 146.166 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

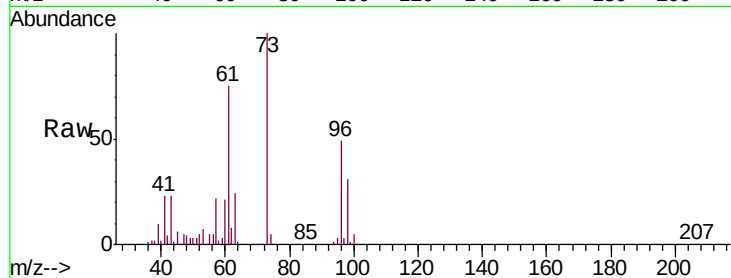
Tgt Ion: 96 Resp: 328943

Ion Ratio Lower Upper

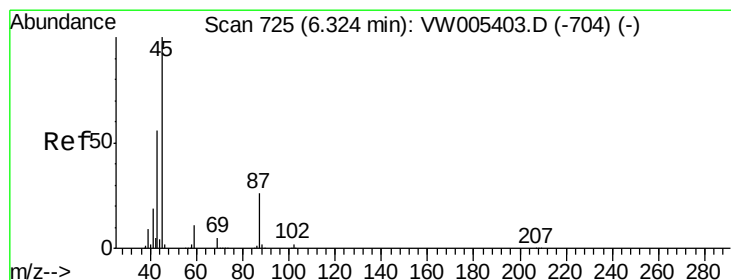
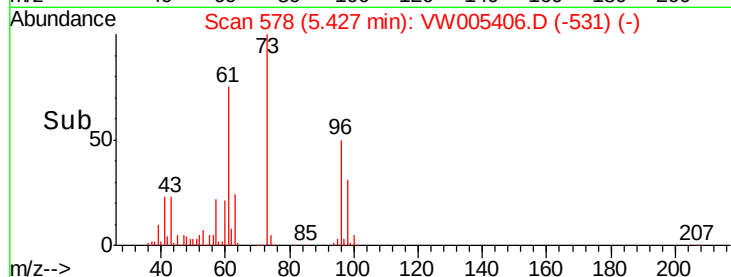
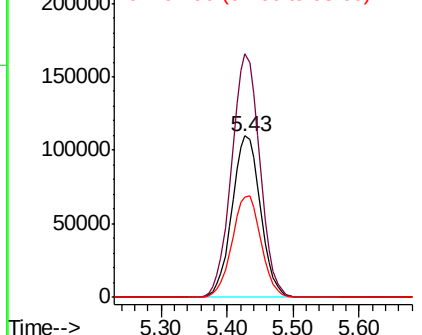
96 100

61 151.0 116.7 175.1

98 62.2 51.0 76.6



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



#22

Diisopropyl ether

Concen: 171.453 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.01 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Tgt Ion: 45 Resp: 1055022

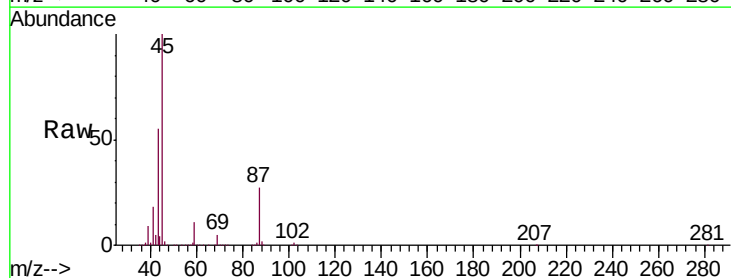
Ion Ratio Lower Upper

45 100

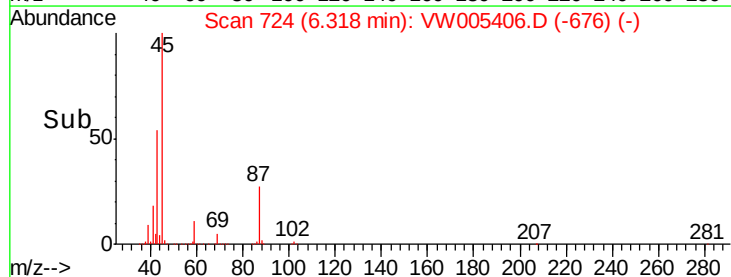
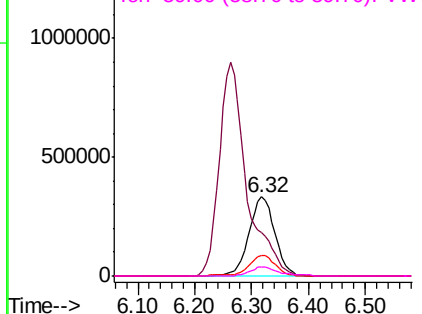
43 54.5 44.6 67.0

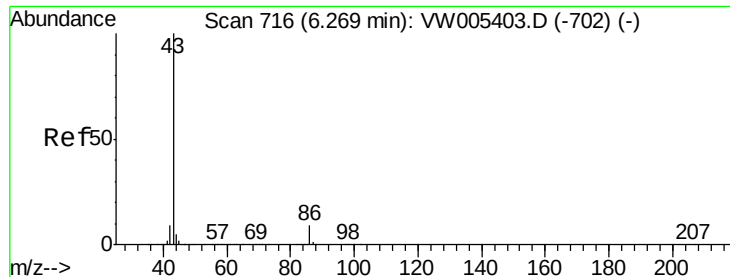
87 26.7 20.6 31.0

59 11.0 8.9 13.3



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 871.859 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

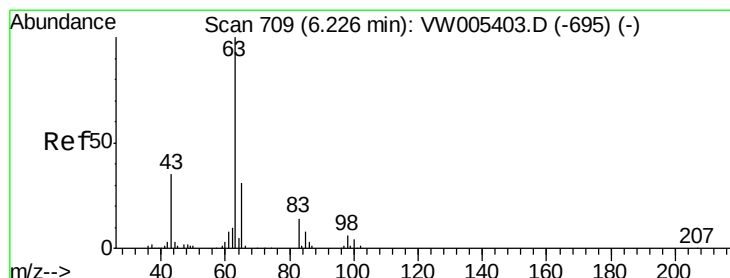
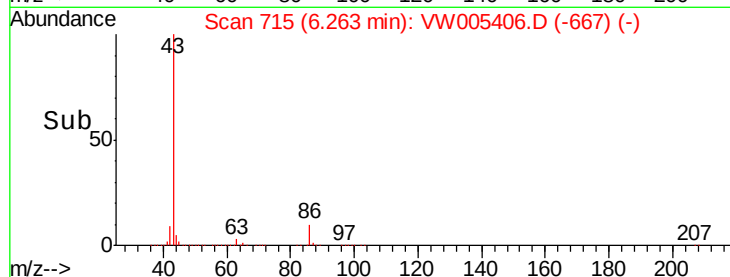
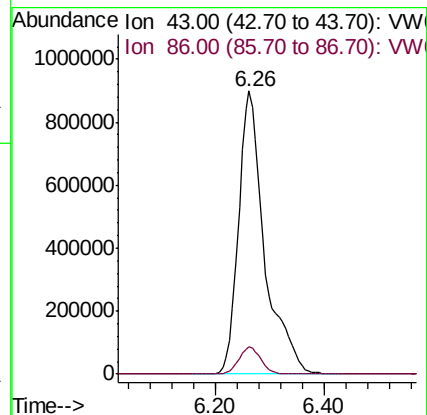
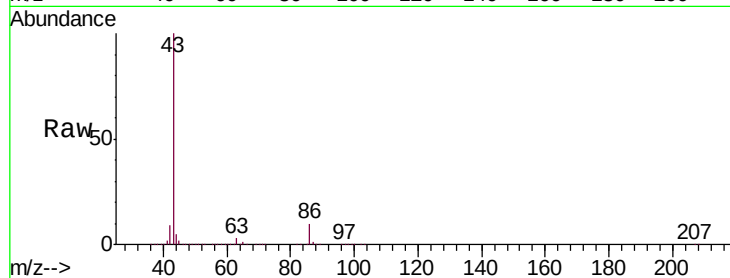
VSTDIC150

Tgt Ion: 43 Resp: 2999915

Ion Ratio Lower Upper

43 100

86 9.6 7.5 11.3



#24

1,1-Dichloroethane

Concen: 162.440 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

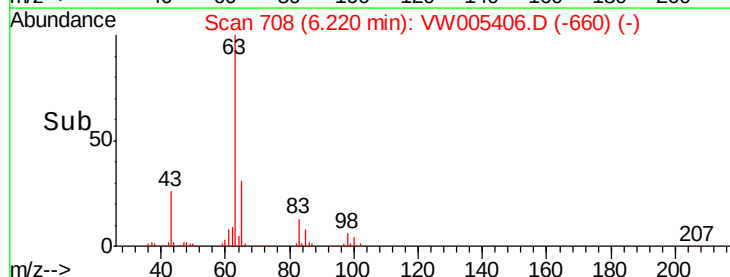
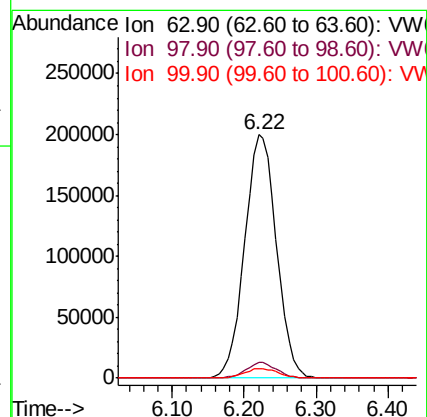
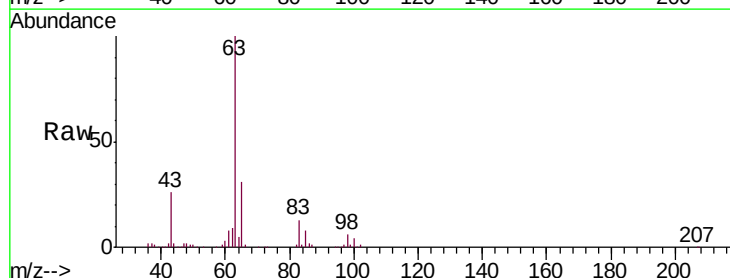
Tgt Ion: 63 Resp: 611732

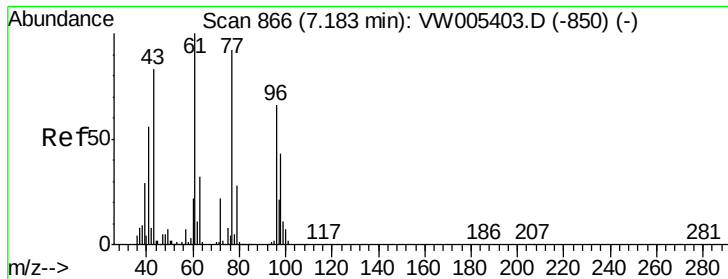
Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.8

100 3.7 2.3 6.8





#25

2-Butanone

Concen: 757.205 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampled :

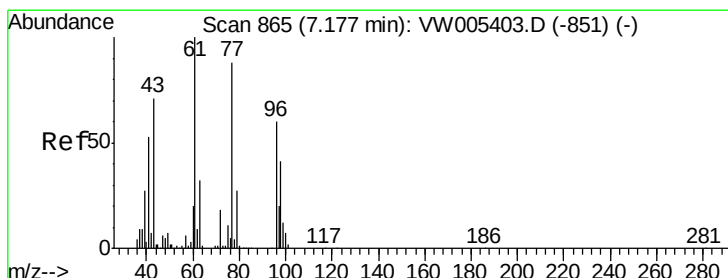
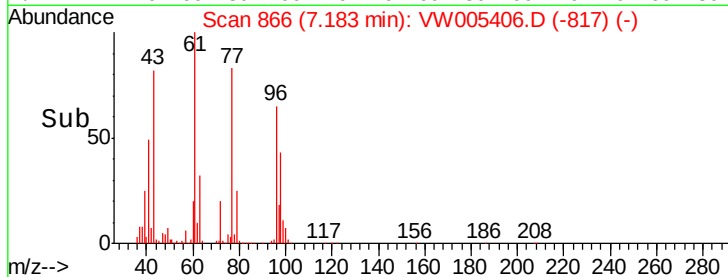
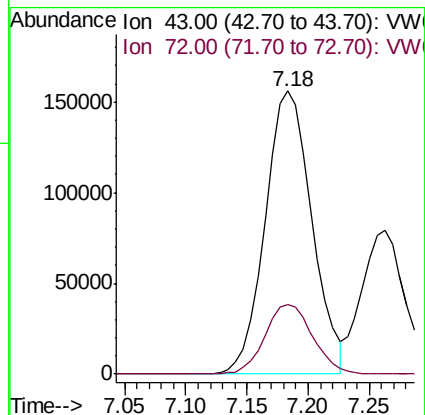
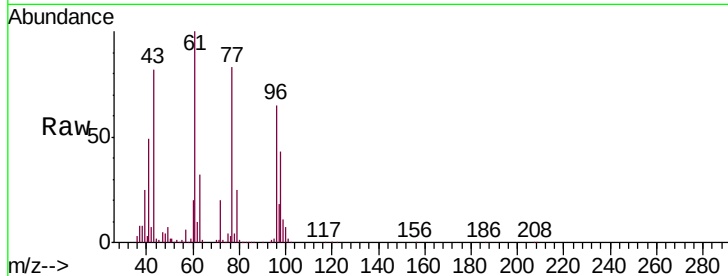
VSTDIC150

Tgt Ion: 43 Resp: 414580

Ion Ratio Lower Upper

43 100

72 24.7 21.1 31.7



#26

2,2-Dichloropropane

Concen: 156.287 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005406.D

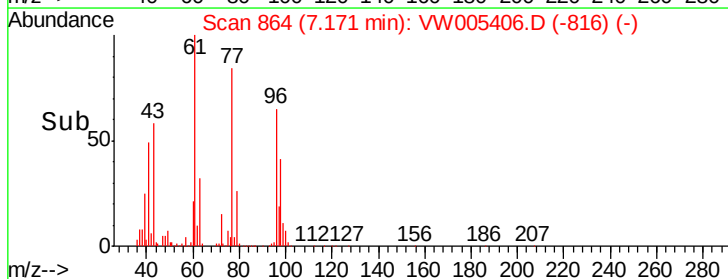
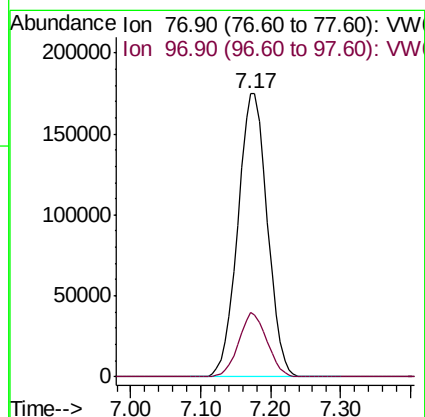
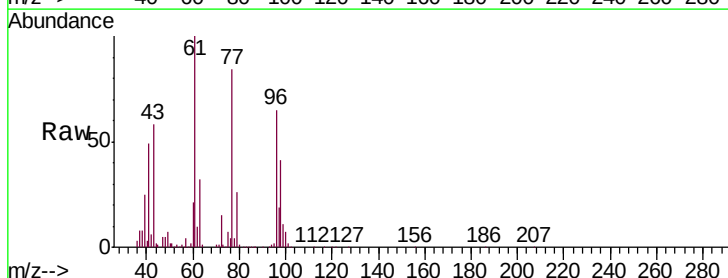
Acq: 15 Sep 2018 01:22

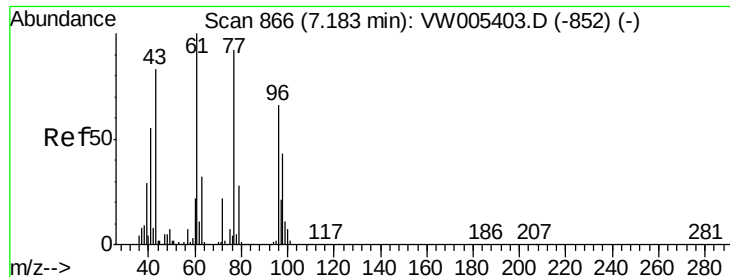
Tgt Ion: 77 Resp: 511169

Ion Ratio Lower Upper

77 100

97 21.8 10.7 32.1



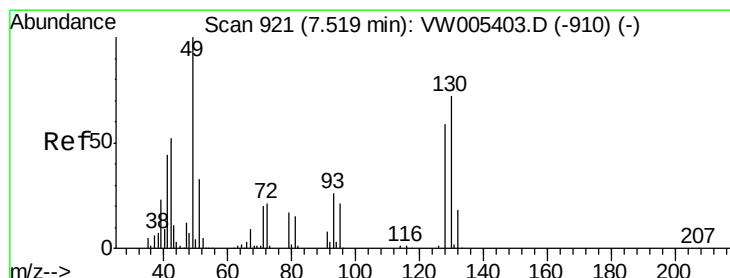
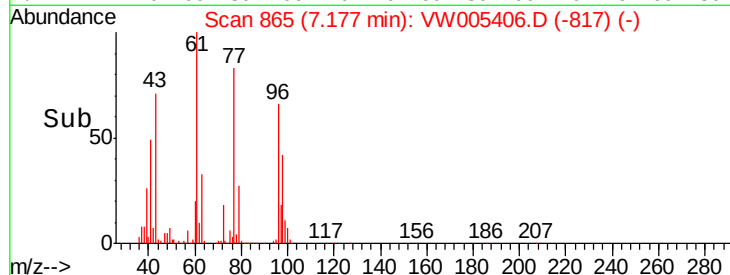
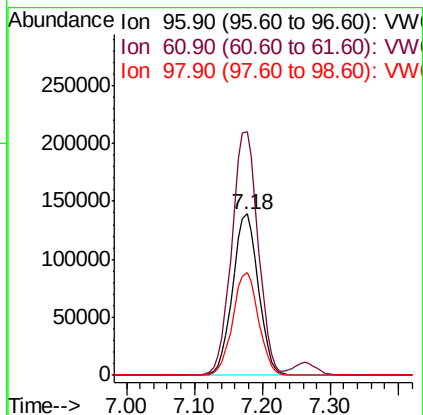
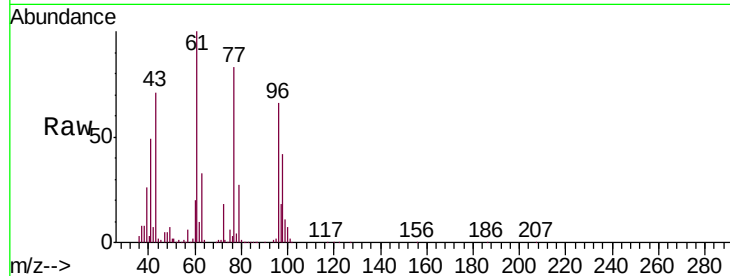


#27

cis-1,2-Dichloroethene
Concen: 151.346 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

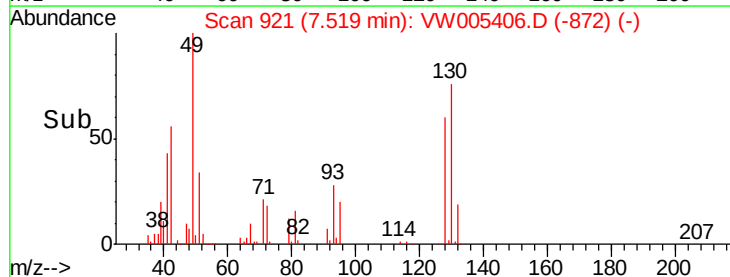
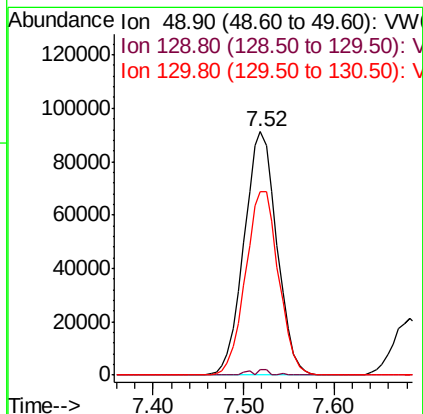
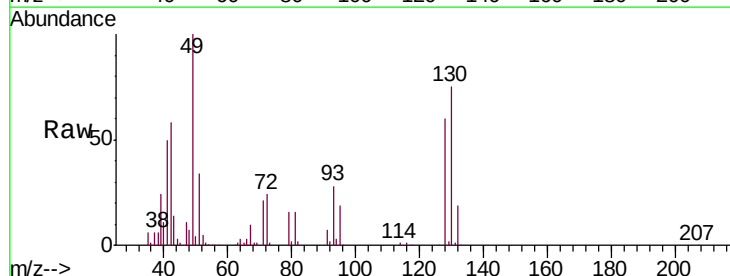
Tgt Ion: 96 Resp: 365755
Ion Ratio Lower Upper
96 100
61 154.7 0.0 316.0
98 63.7 0.0 130.8

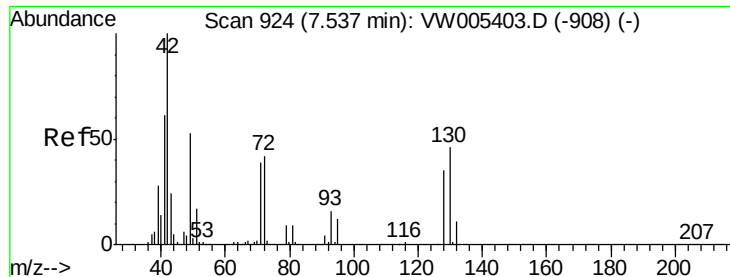


#28

Bromochloromethane
Concen: 164.384 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Tgt Ion: 49 Resp: 227763
Ion Ratio Lower Upper
49 100
129 0.7 0.0 1.0
130 76.4 61.4 92.2





#29

Tetrahydrofuran

Concen: 775.015 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

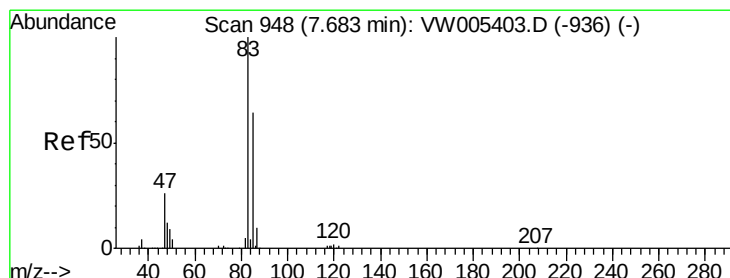
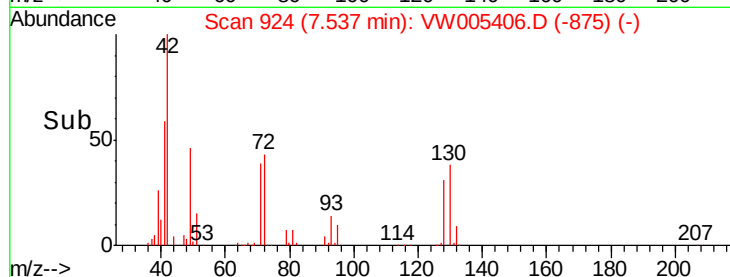
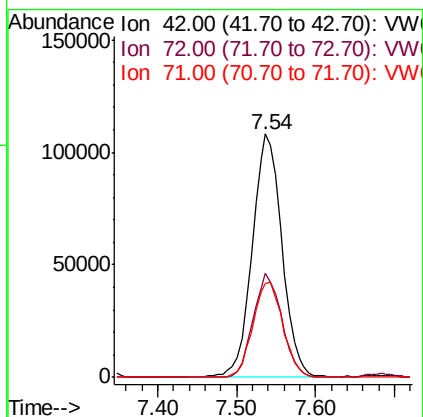
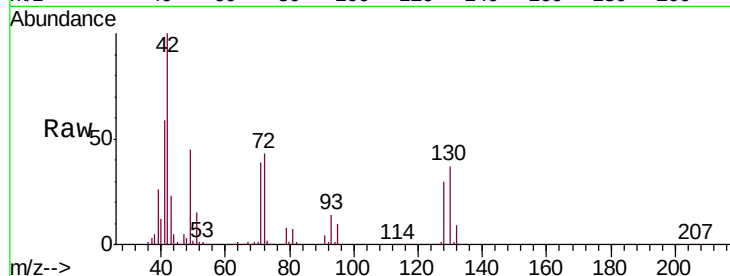
Tgt Ion: 42 Resp: 282821

Ion Ratio Lower Upper

42 100

72 41.5 33.2 49.8

71 39.7 31.0 46.6



#30

Chloroform

Concen: 165.239 ug/l

RT: 7.68 min Scan# 948

Delta R.T. -0.00 min

Lab File: VW005406.D

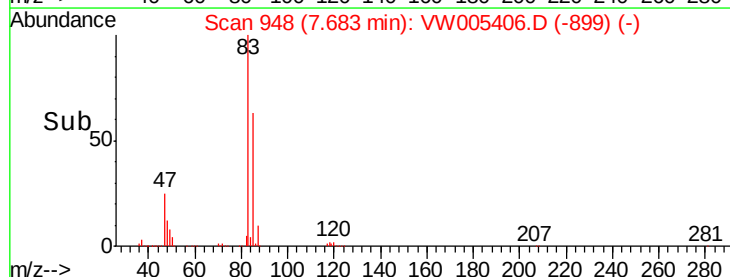
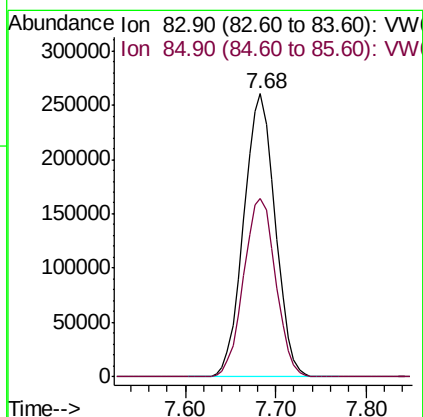
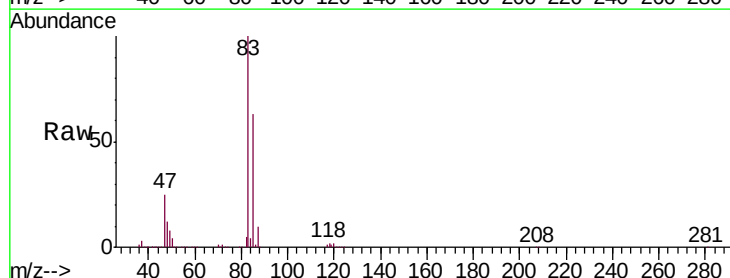
Acq: 15 Sep 2018 01:22

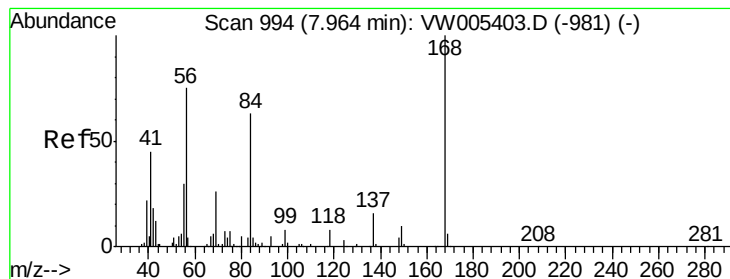
Tgt Ion: 83 Resp: 624785

Ion Ratio Lower Upper

83 100

85 63.1 51.5 77.3





#31

Cyclohexane

Concen: 141.825 ug/l

RT: 7.96 min Scan# 994

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

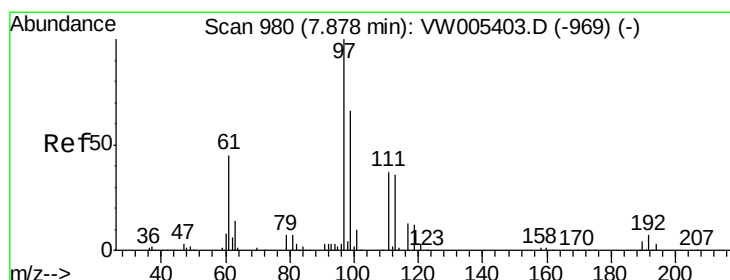
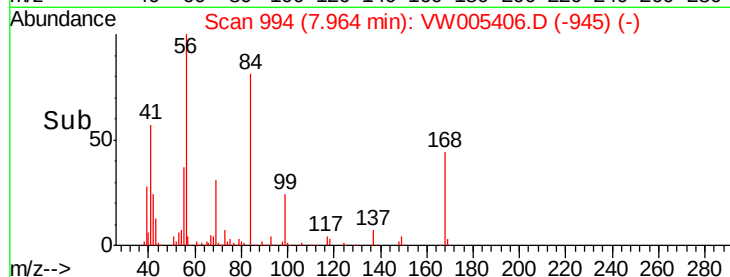
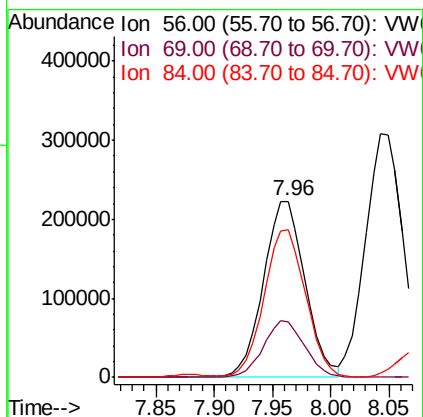
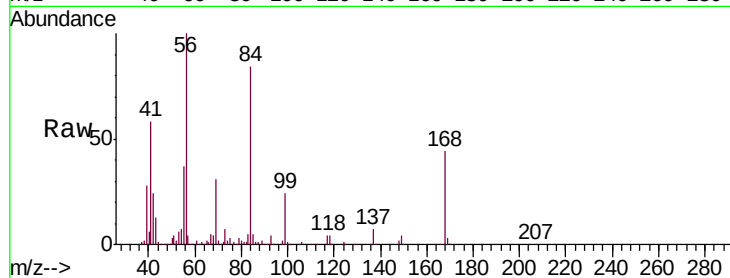
Tgt Ion: 56 Resp: 552708

Ion Ratio Lower Upper

56 100

69 31.3 27.2 40.8

84 82.0 66.7 100.1



#32

1,1,1-Trichloroethane

Concen: 161.444 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

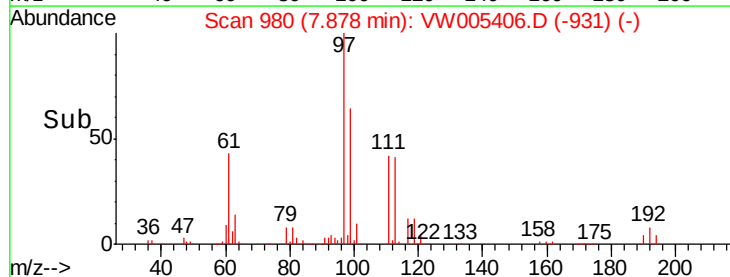
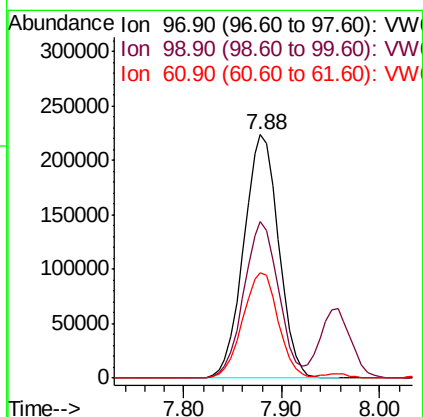
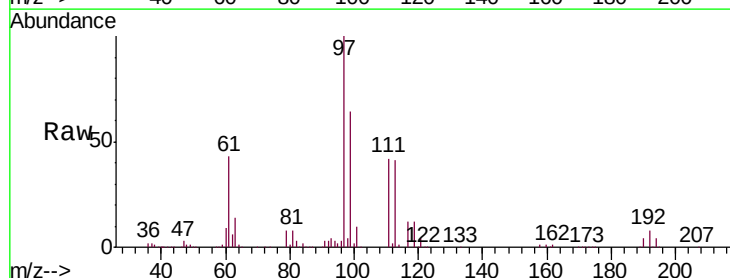
Tgt Ion: 97 Resp: 555348

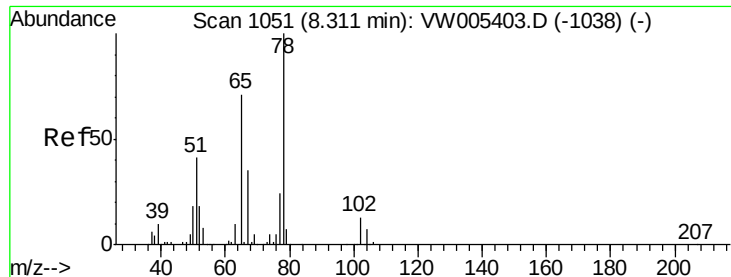
Ion Ratio Lower Upper

97 100

99 64.1 51.5 77.3

61 44.1 35.8 53.6

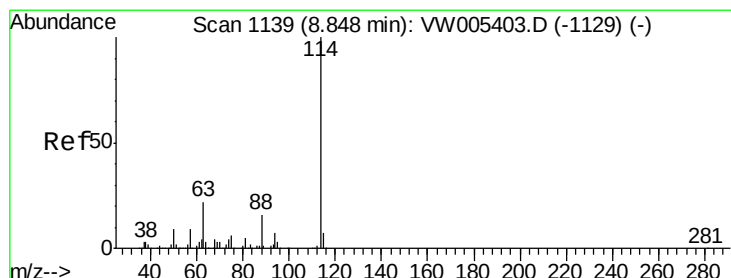
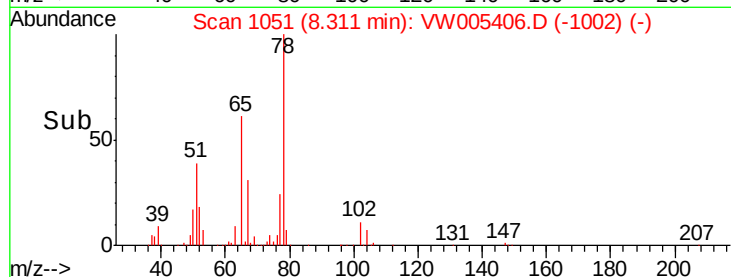
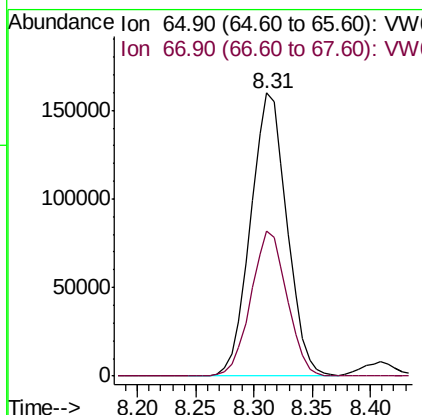
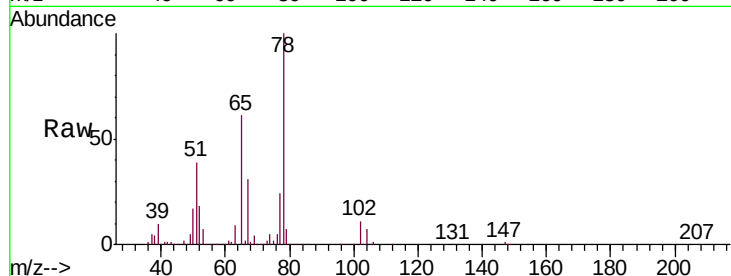




#33
 1,2-Dichloroethane-d4
 Concen: 180.464 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

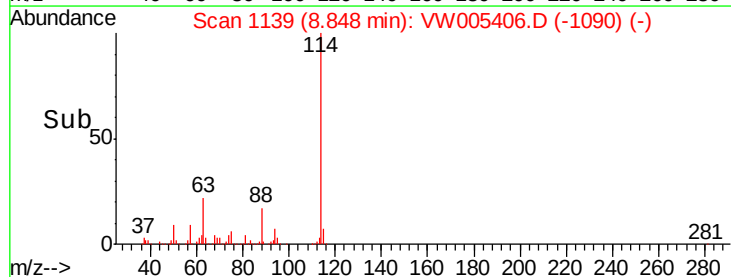
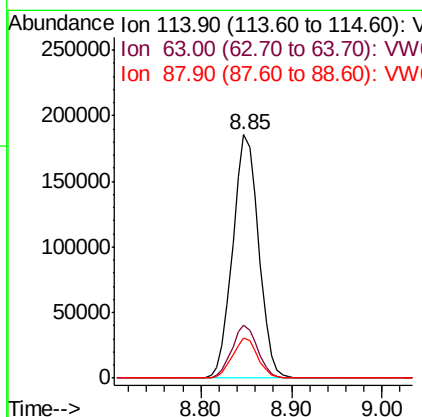
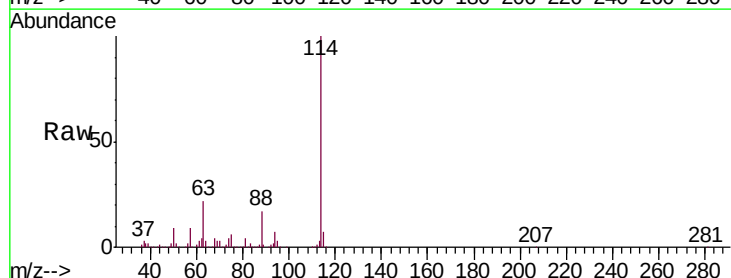
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

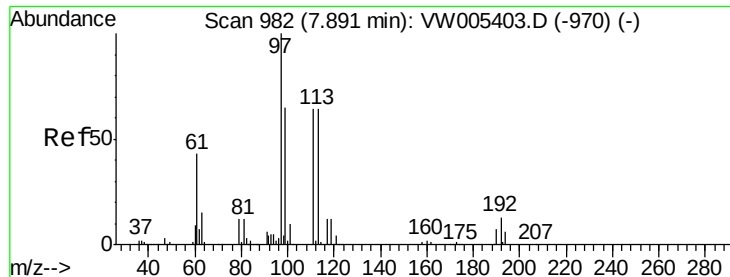
Tgt Ion: 65 Resp: 346550
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Tgt Ion: 114 Resp: 367480
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.4
 88 16.7 0.0 31.8

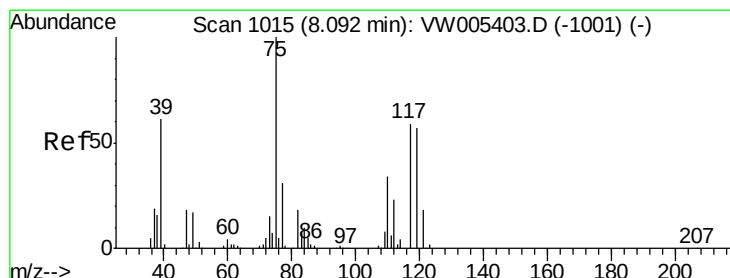
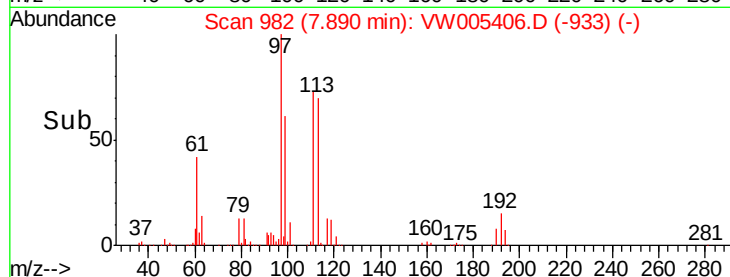
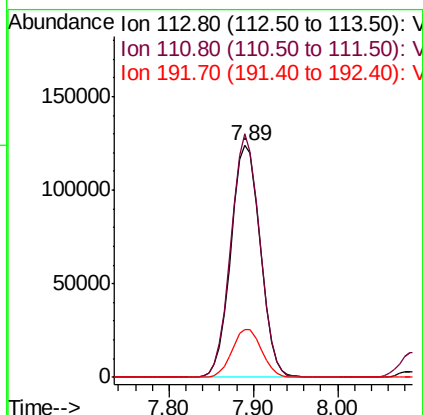
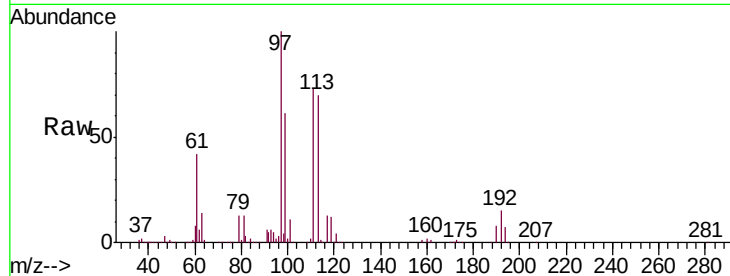




#35
 Dibromofluoromethane
 Concen: 151.785 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

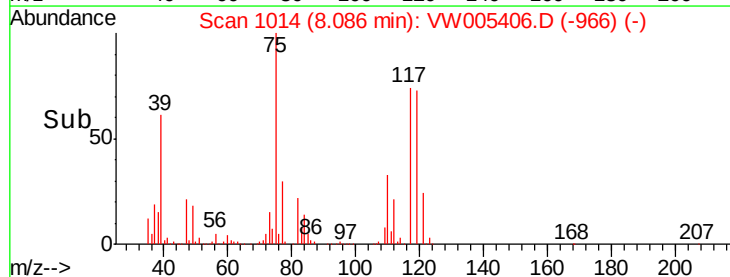
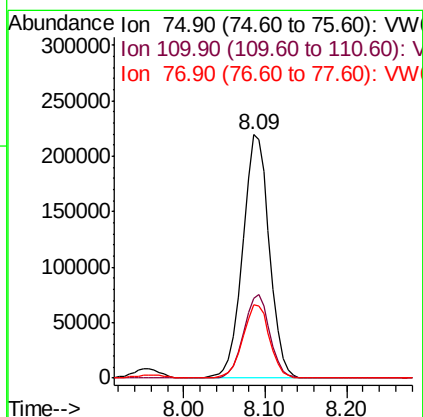
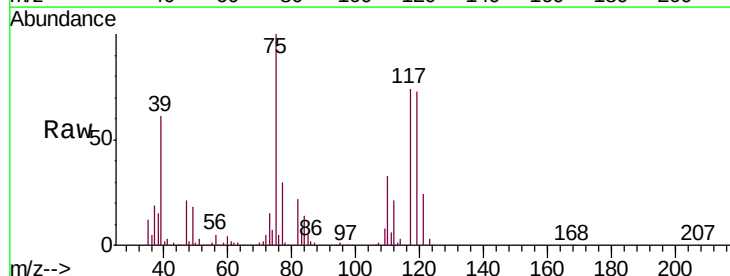
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

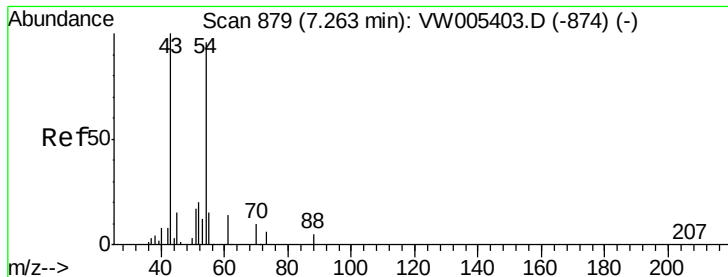
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.3	123.5
192	21.0	16.5	24.7



#36
 1,1-Dichloropropene
 Concen: 146.425 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.8	50.4
77	30.5	24.2	36.4

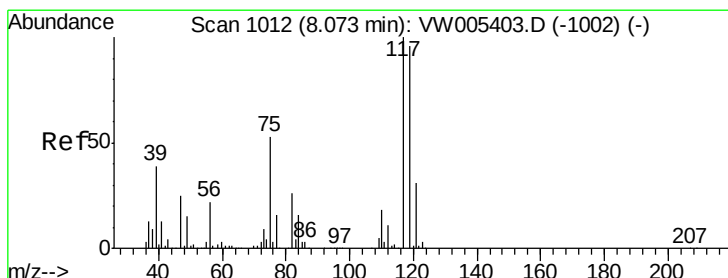
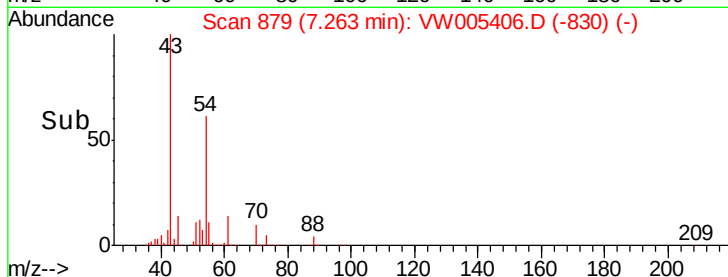
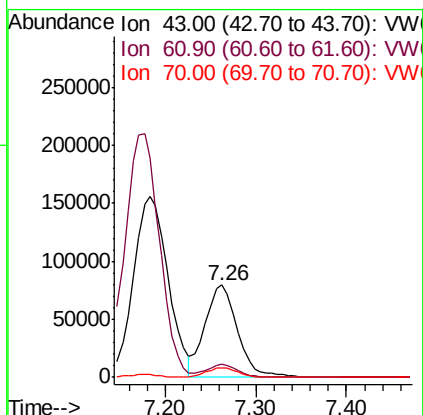
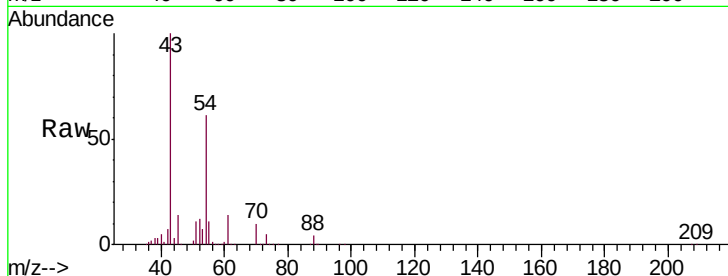




#37
 Ethyl Acetate
 Concen: 151.734 ug/l
 RT: 7.26 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

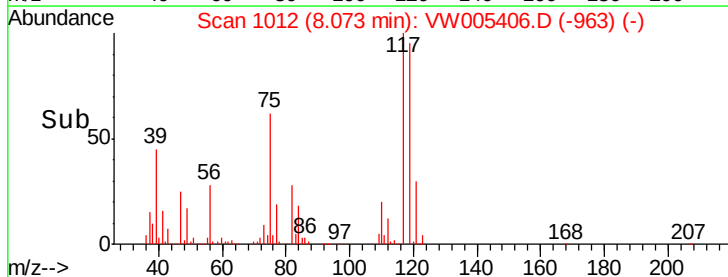
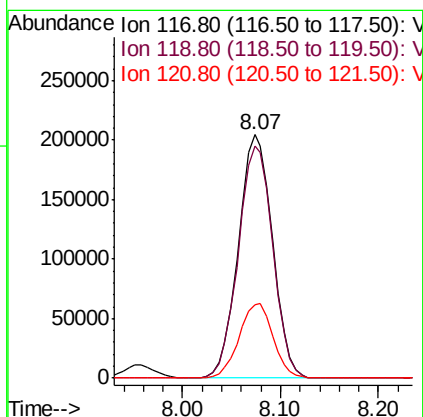
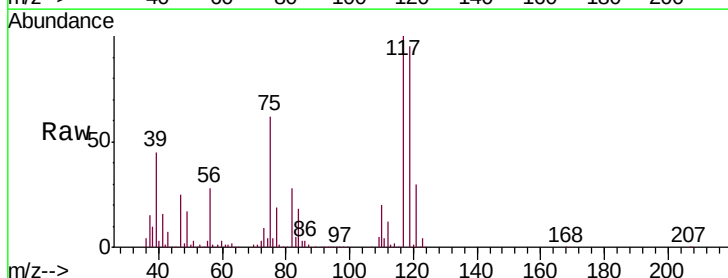
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

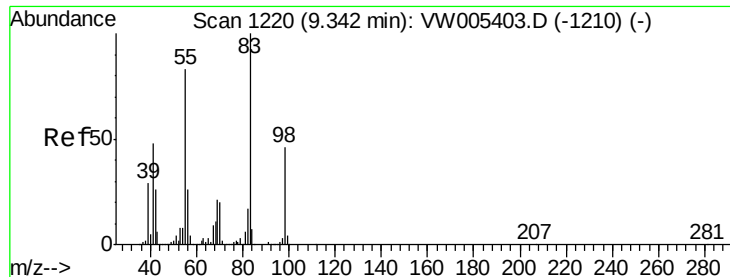
Tgt Ion: 43 Resp: 198431
 Ion Ratio Lower Upper
 43 100
 61 13.3 11.3 16.9
 70 10.2 8.2 12.4



#38
 Carbon Tetrachloride
 Concen: 153.695 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Tgt Ion: 117 Resp: 495784
 Ion Ratio Lower Upper
 117 100
 119 95.3 76.8 115.2
 121 30.4 24.7 37.1





#39

Methylcyclohexane

Concen: 140.981 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

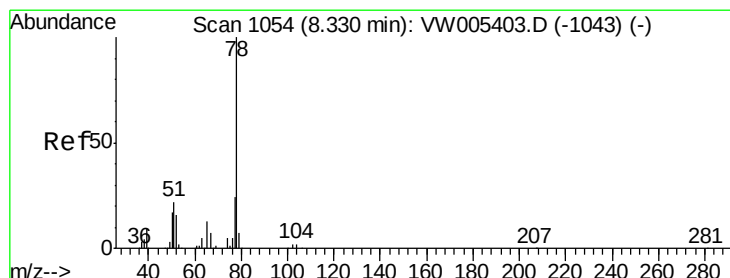
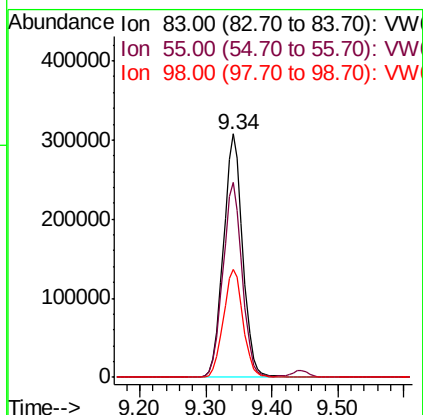
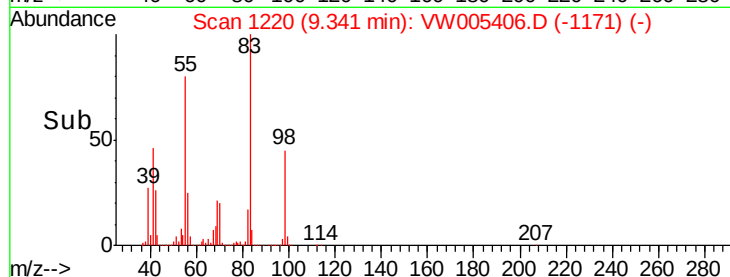
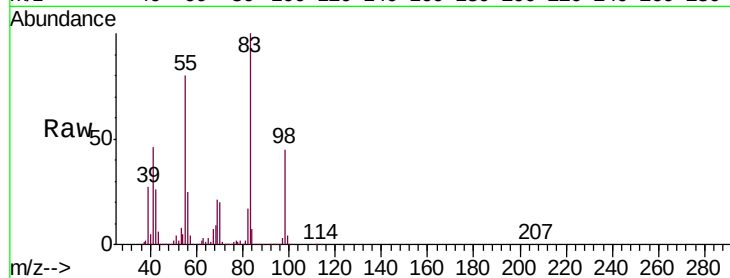
Tgt Ion: 83 Resp: 619958

Ion Ratio Lower Upper

83 100

55 80.3 66.1 99.1

98 44.5 36.7 55.1



#40

Benzene

Concen: 145.101 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VW005406.D

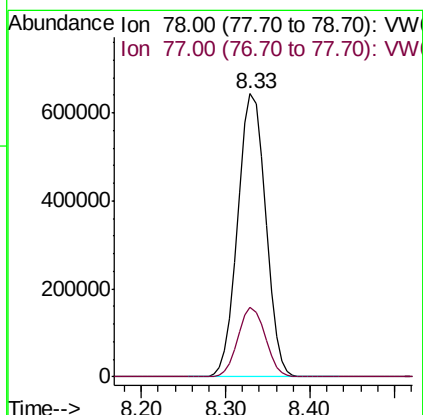
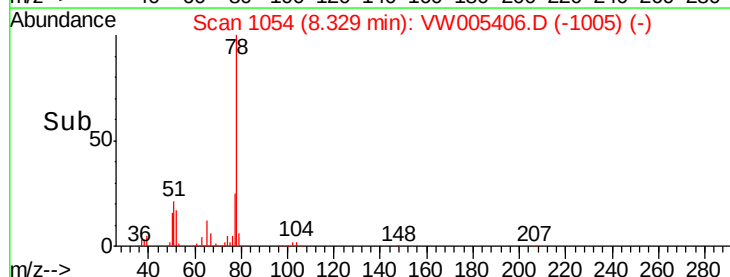
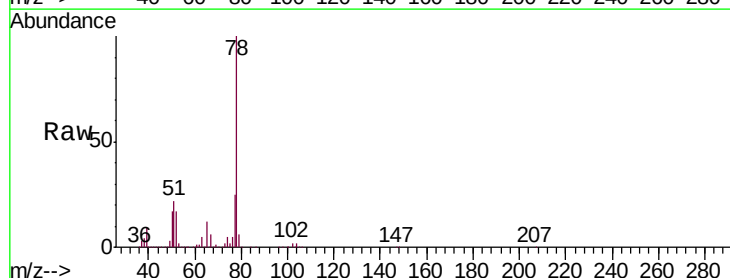
Acq: 15 Sep 2018 01:22

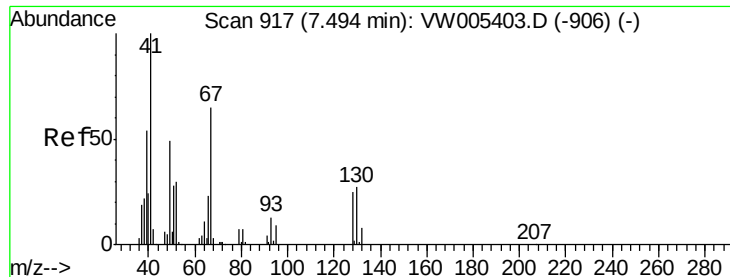
Tgt Ion: 78 Resp: 1438671

Ion Ratio Lower Upper

78 100

77 24.7 19.3 28.9

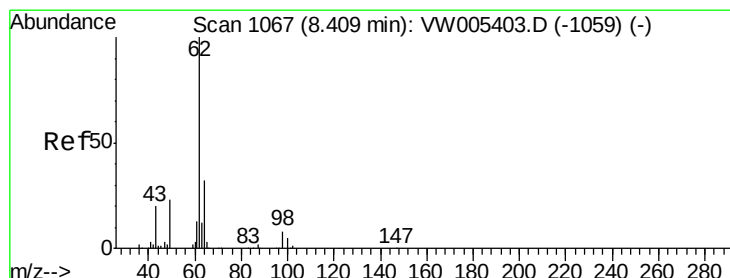
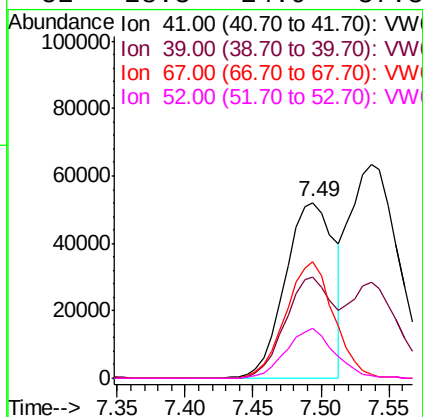
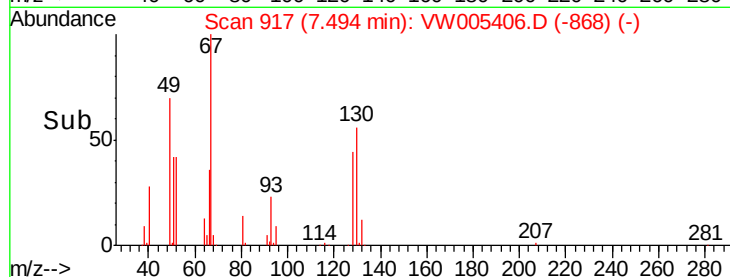
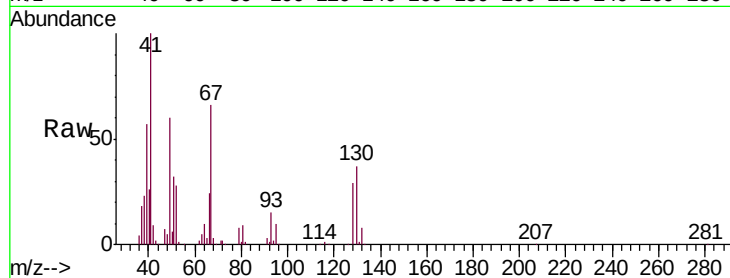




#41
Methacrylonitrile
Concen: 192.121 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

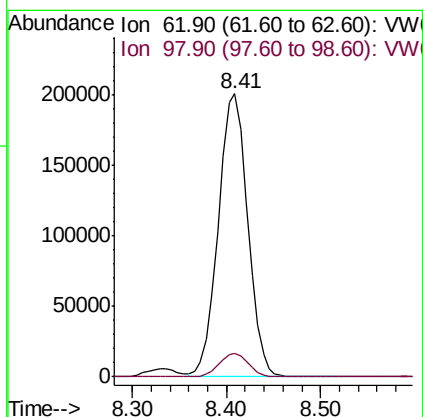
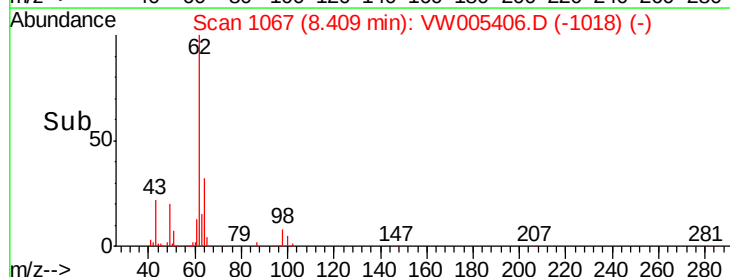
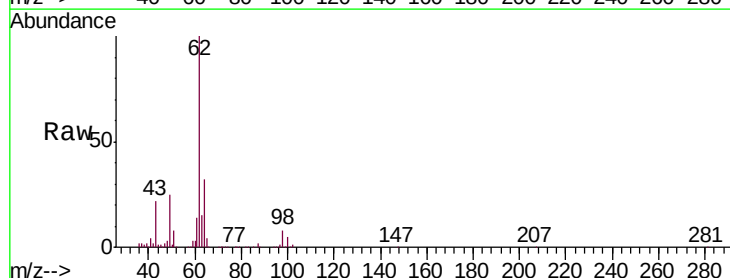
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

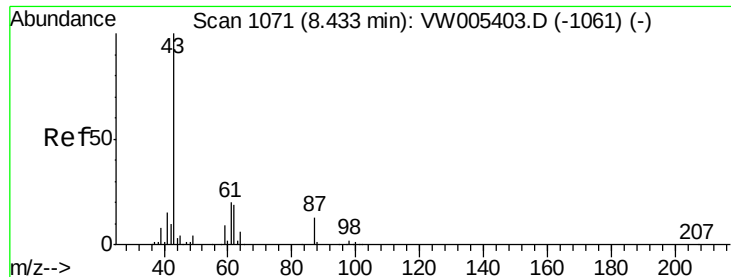
Tgt Ion:	41	Resp:	131072
Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.6	67.0
67	64.9	53.6	80.4
52	28.3	24.9	37.3



#42
1,2-Dichloroethane
Concen: 173.332 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Tgt Ion:	62	Resp:	433633
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	15.6





#43

Isopropyl Acetate

Concen: 167.286 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

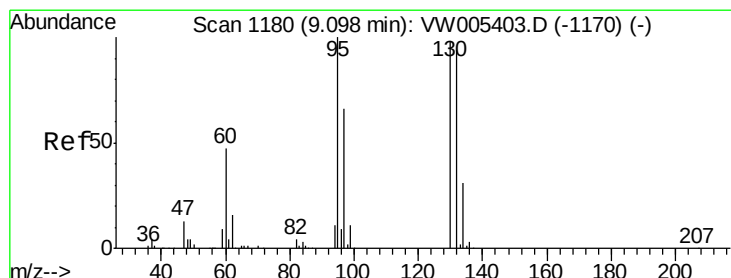
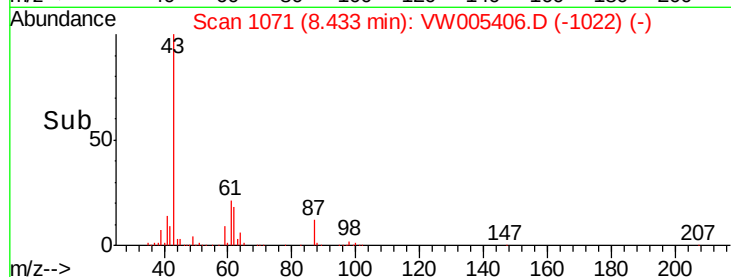
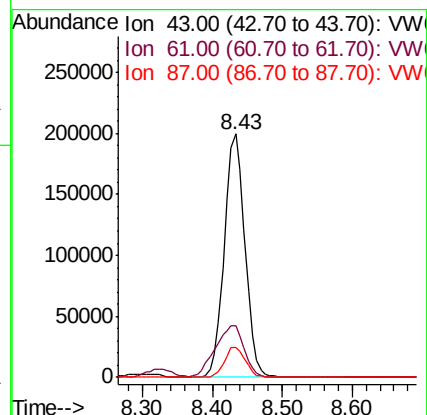
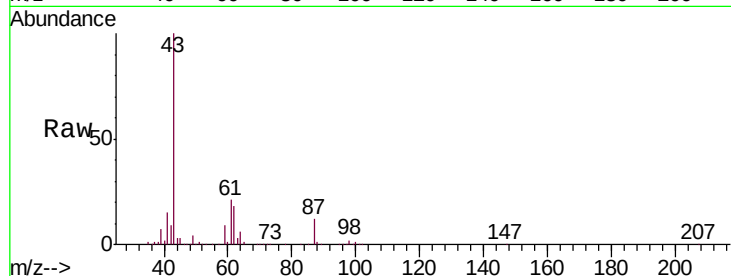
Tgt Ion: 43 Resp: 408475

Ion Ratio Lower Upper

43 100

61 29.7 23.8 35.6

87 12.6 10.1 15.1



#44

Trichloroethene

Concen: 137.472 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005406.D

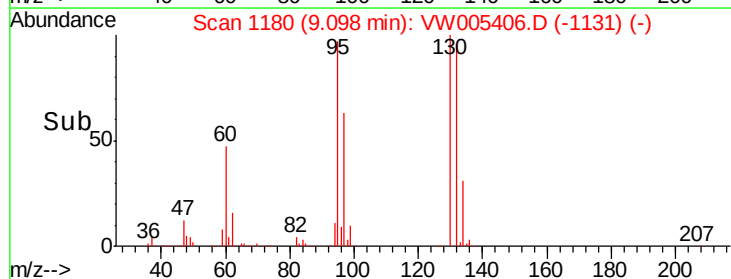
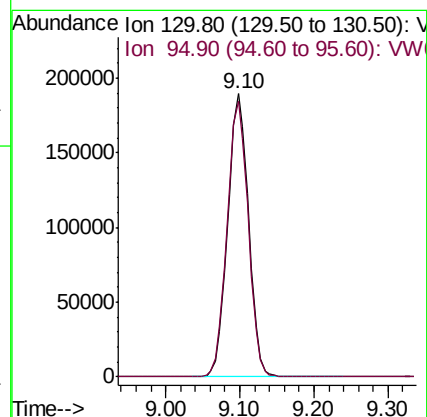
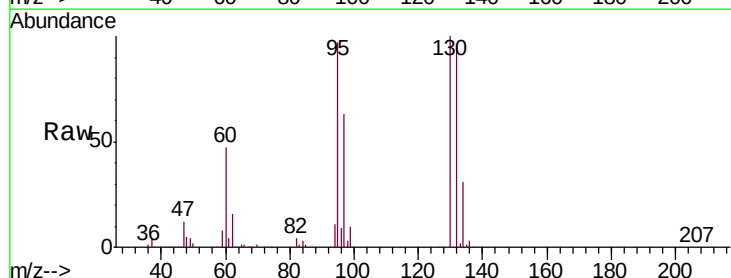
Acq: 15 Sep 2018 01:22

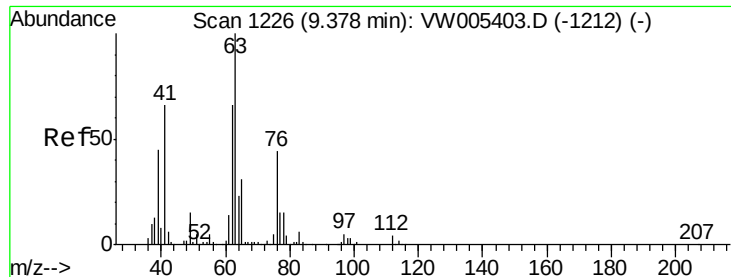
Tgt Ion: 130 Resp: 370085

Ion Ratio Lower Upper

130 100

95 97.2 0.0 204.6

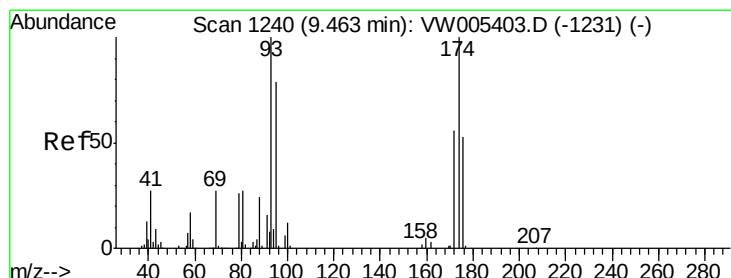
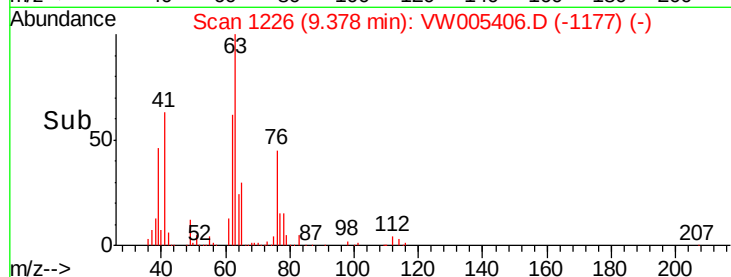
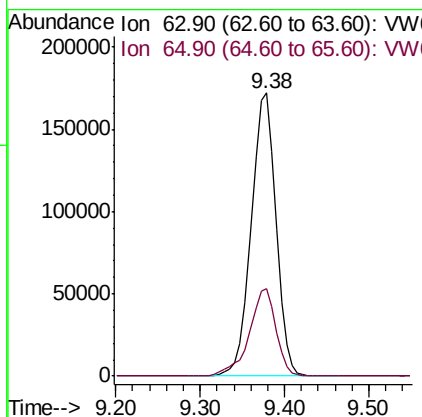
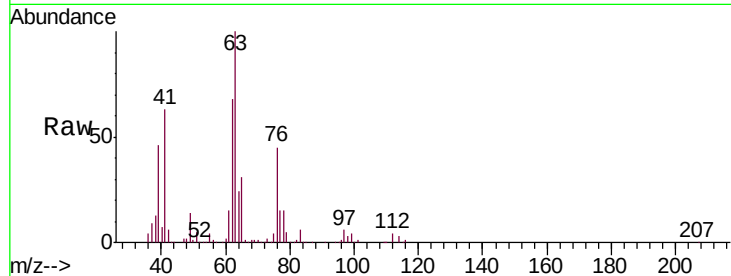




#45
 1,2-Dichloropropane
 Concen: 143.669 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

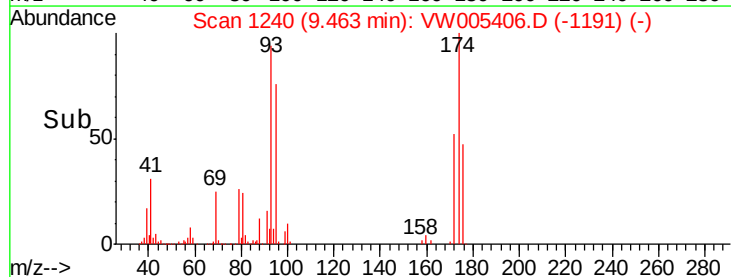
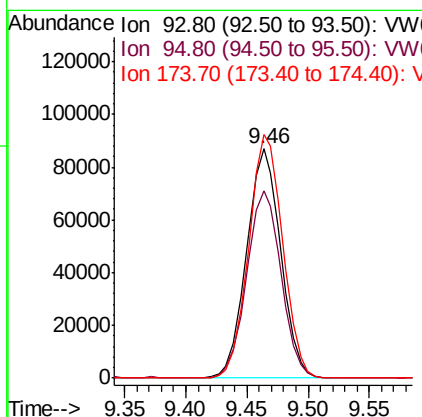
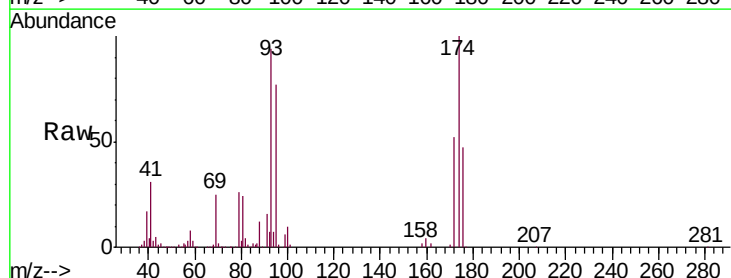
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

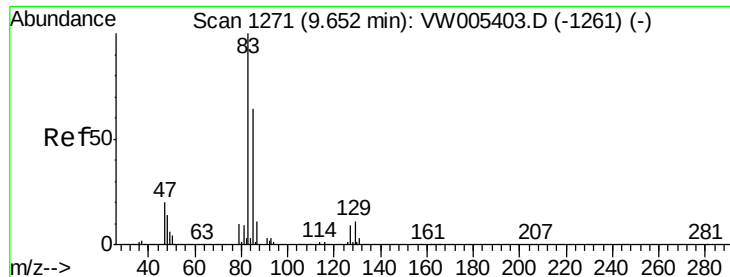
Tgt Ion: 63 Resp: 342235
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.0 37.6



#46
 Dibromomethane
 Concen: 143.406 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Tgt Ion: 93 Resp: 168514
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.4 98.0
 174 106.2 83.4 125.2





#47

Bromodichloromethane

Concen: 155.185 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

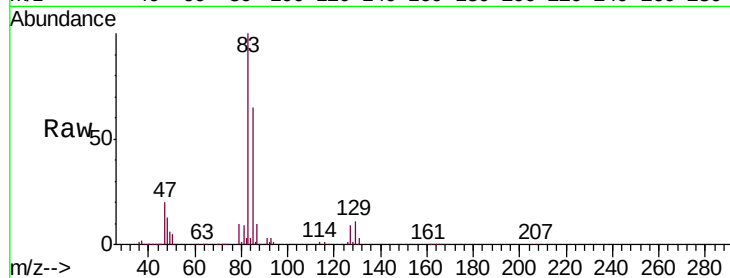
Tgt Ion: 83 Resp: 452605

Ion Ratio Lower Upper

83 100

85 64.6 50.9 76.3

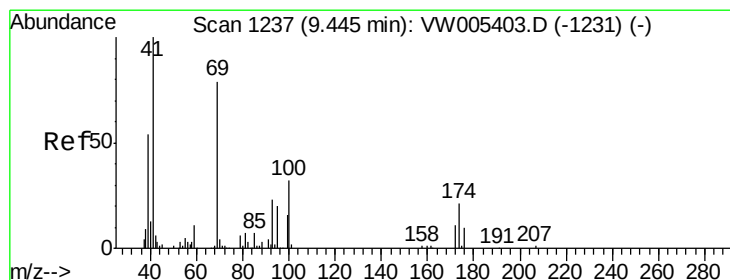
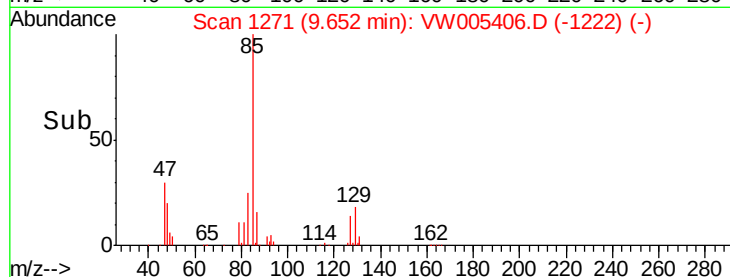
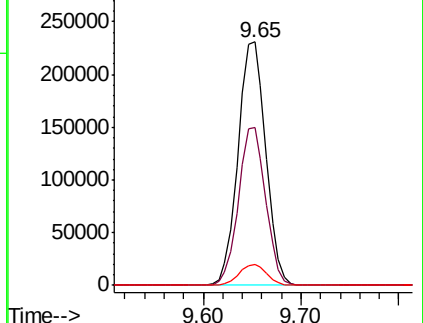
127 8.8 7.0 10.4



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: 169.871 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

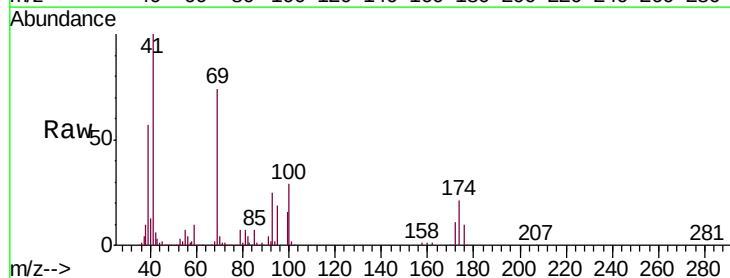
Tgt Ion: 41 Resp: 213719

Ion Ratio Lower Upper

41 100

69 80.8 67.5 101.3

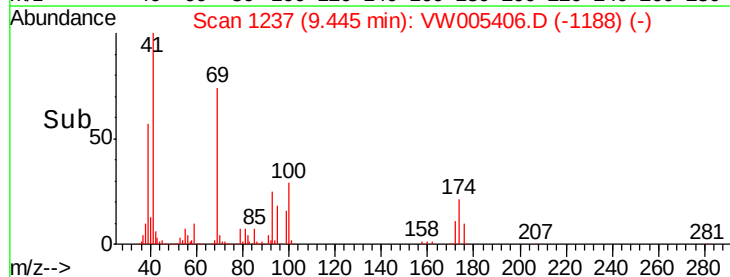
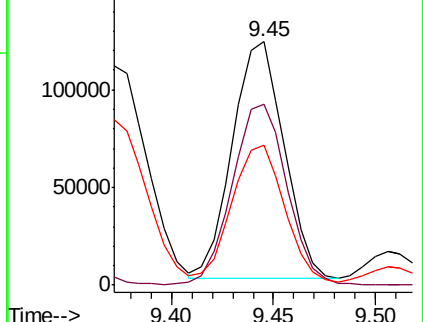
39 58.2 45.5 68.3

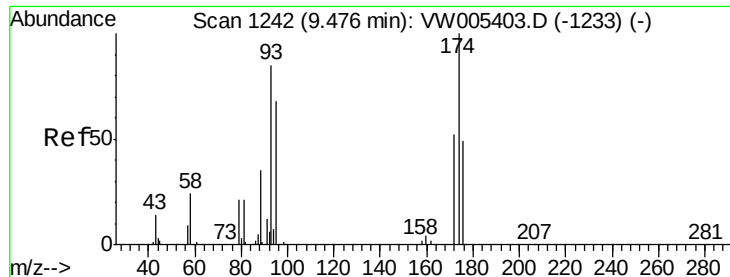


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 2541.931 ug/l

RT: 9.48 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

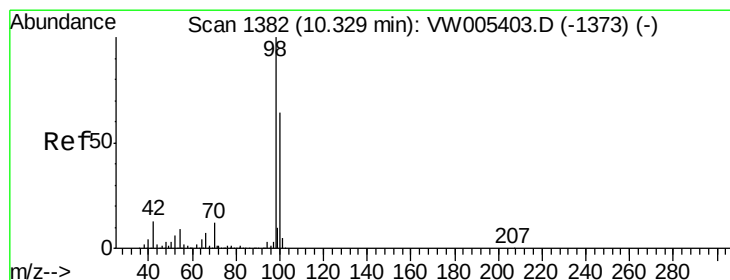
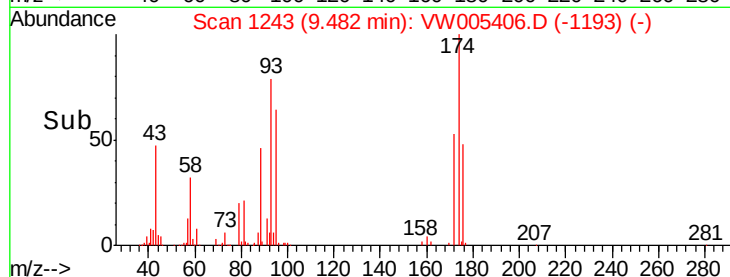
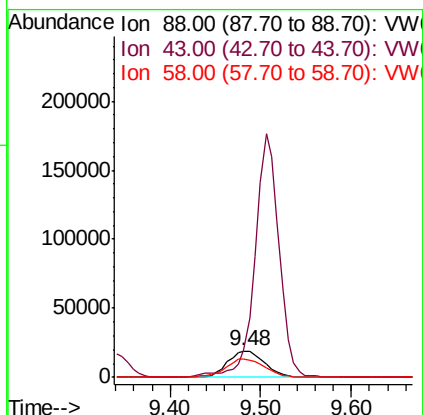
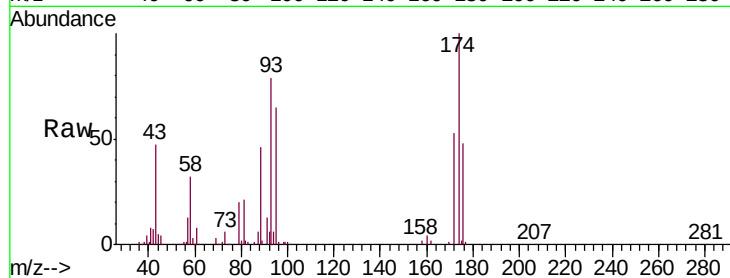
Tgt Ion: 88 Resp: 54229

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 73.9 62.4 93.6



#50

Toluene-d8

Concen: 138.607 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005406.D

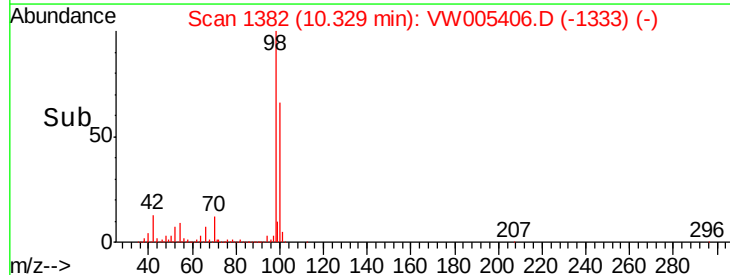
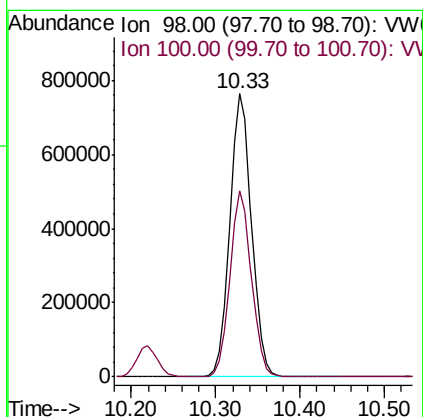
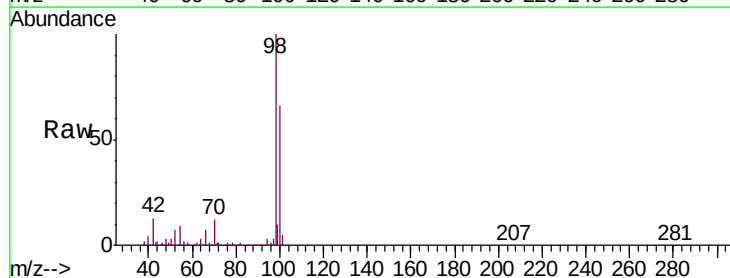
Acq: 15 Sep 2018 01:22

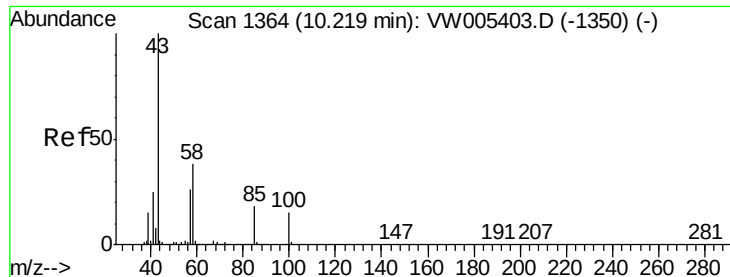
Tgt Ion: 98 Resp: 1331587

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 757.583 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

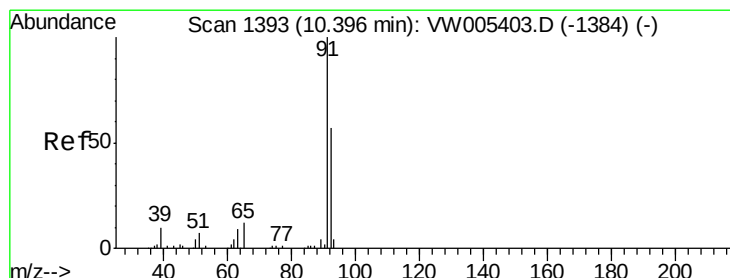
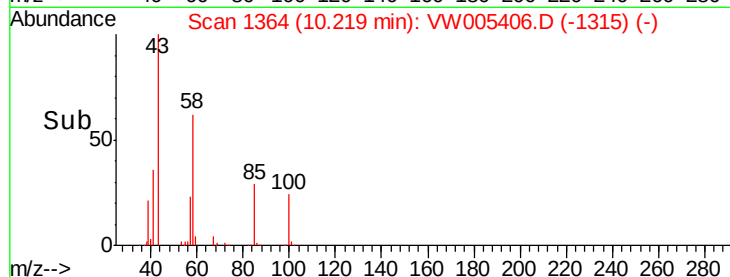
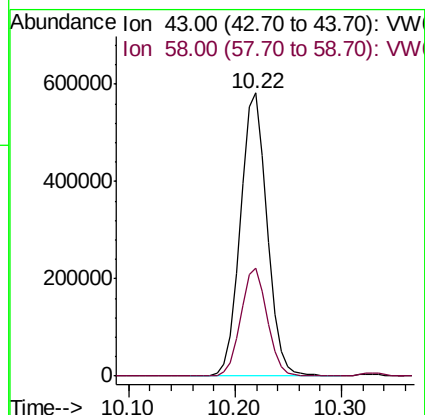
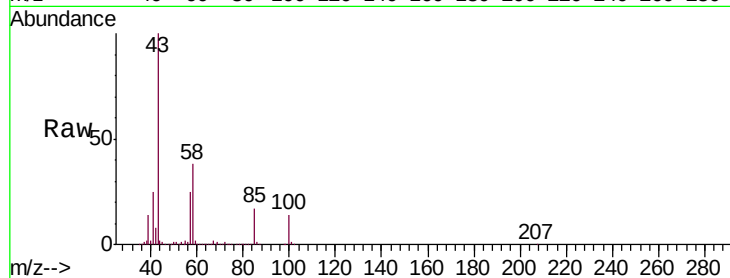
VSTDIC150

Tgt Ion: 43 Resp: 1027197

Ion Ratio Lower Upper

43 100

58 37.7 29.9 44.9



#52

Toluene

Concen: 137.680 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005406.D

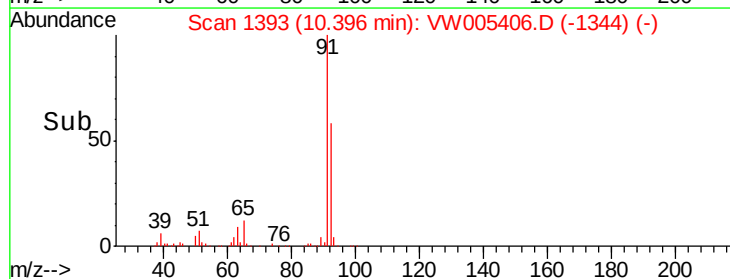
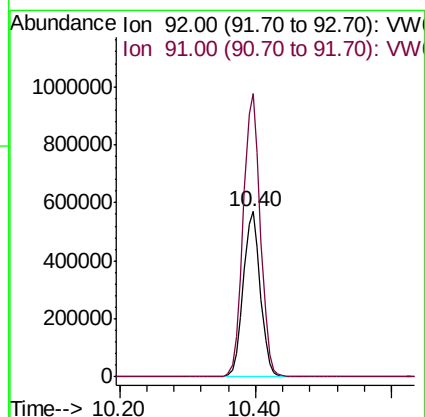
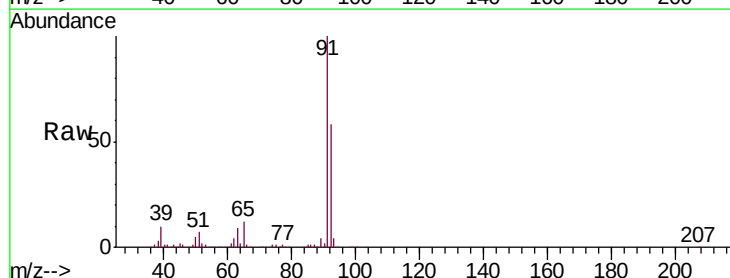
Acq: 15 Sep 2018 01:22

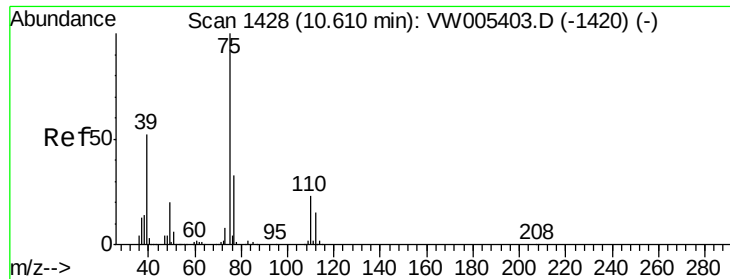
Tgt Ion: 92 Resp: 986695

Ion Ratio Lower Upper

92 100

91 172.1 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 157.968 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

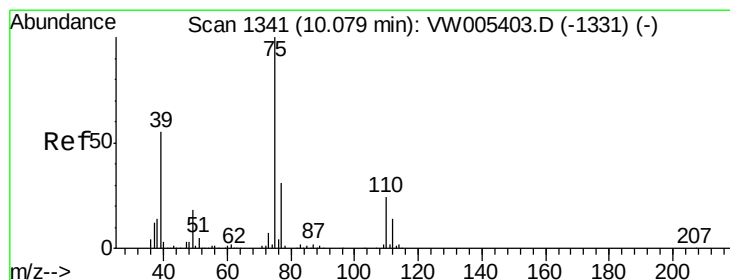
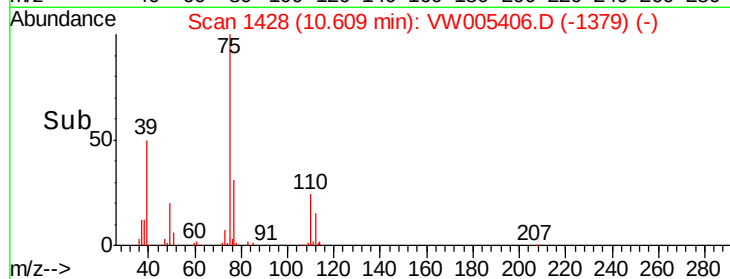
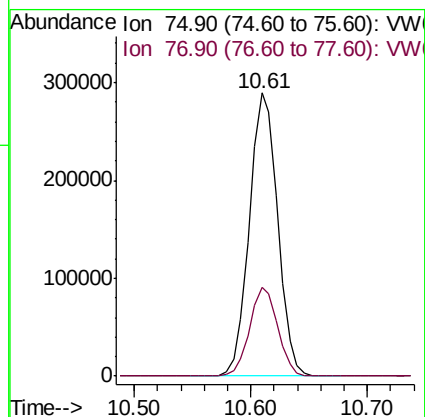
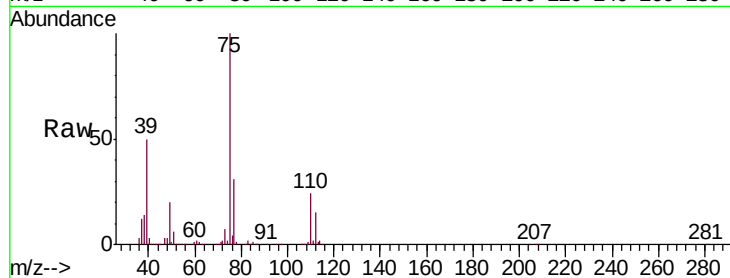
VSTDIC150

Tgt Ion: 75 Resp: 491412

Ion Ratio Lower Upper

75 100

77 31.3 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 147.953 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

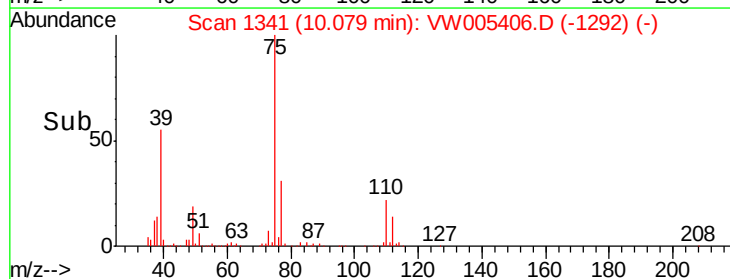
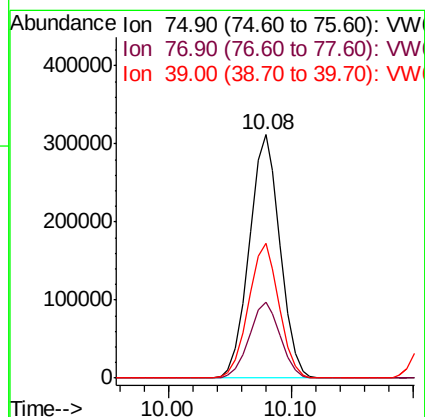
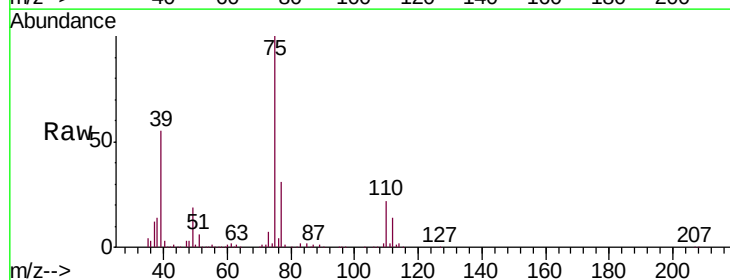
Tgt Ion: 75 Resp: 545660

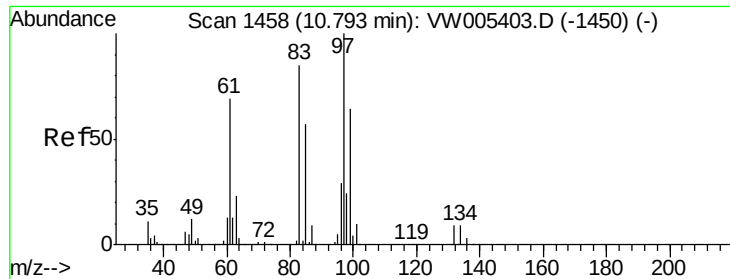
Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.4

39 55.2 44.2 66.2

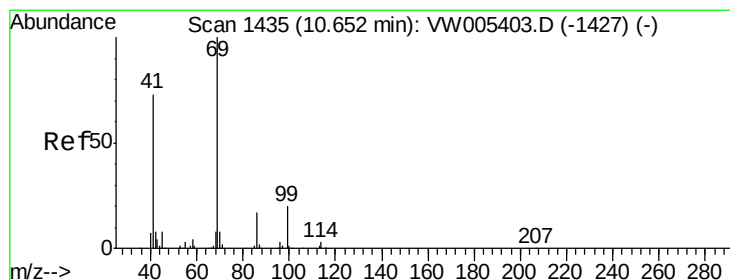
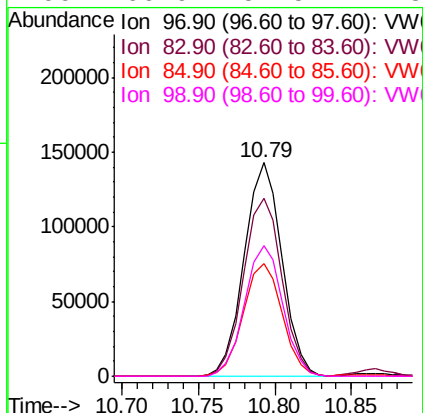
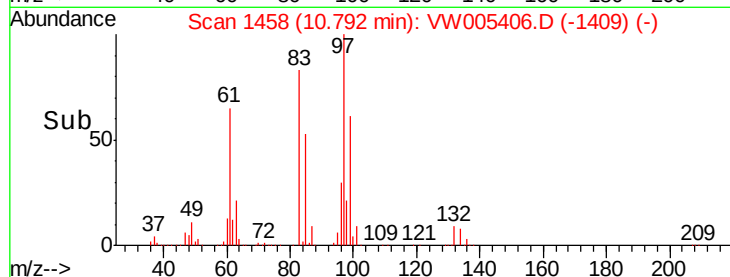
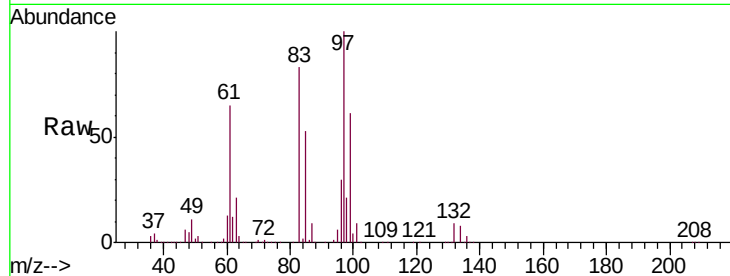




#55
 1,1,2-Trichloroethane
 Concen: 133.271 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

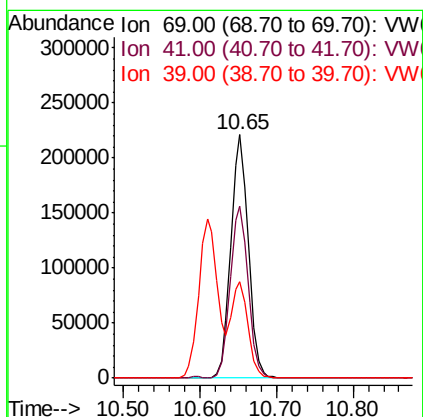
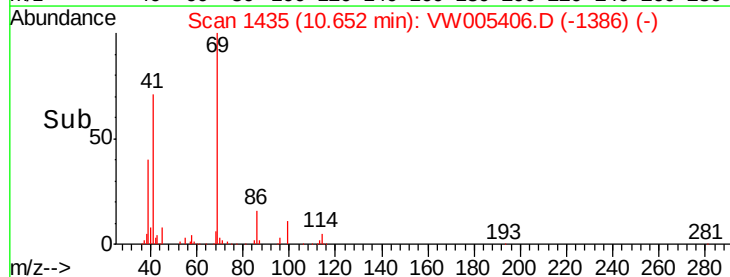
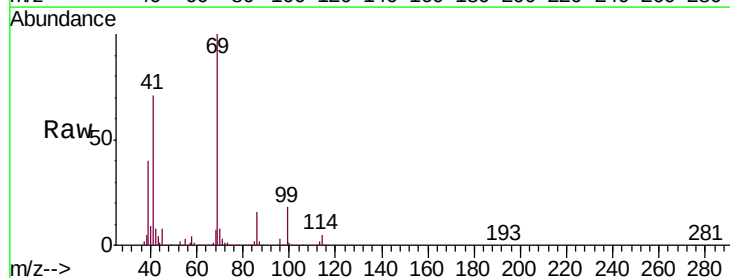
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

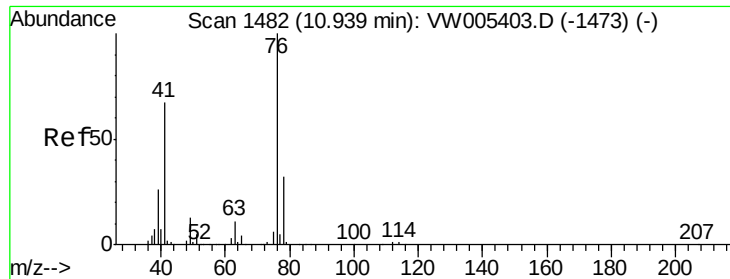
Tgt Ion:	97	Resp:	245467
Ion	Ratio	Lower	Upper
97	100		
83	83.4	67.8	101.8
85	52.9	45.4	68.0
99	60.9	51.5	77.3



#56
 Ethyl methacrylate
 Concen: 149.273 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Tgt Ion:	69	Resp:	349755
Ion	Ratio	Lower	Upper
69	100		
41	72.0	59.3	88.9
39	37.0	30.2	45.4





#57

1,3-Dichloropropane

Concen: 141.814 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

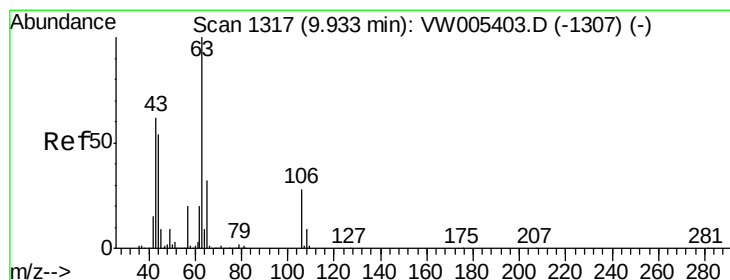
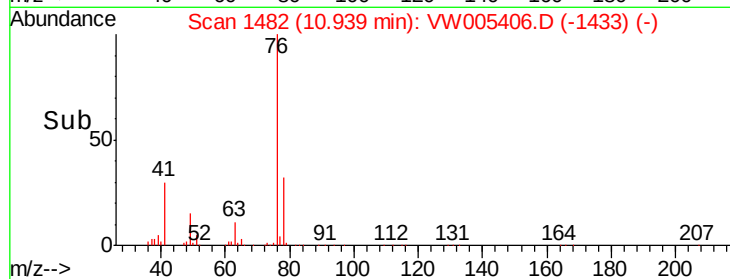
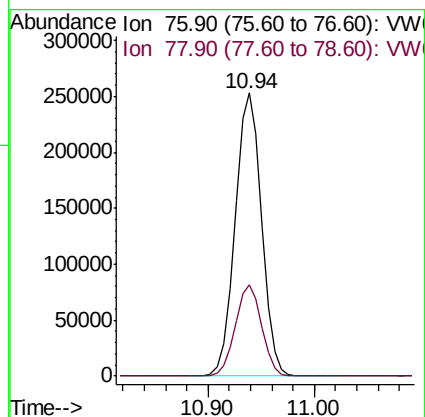
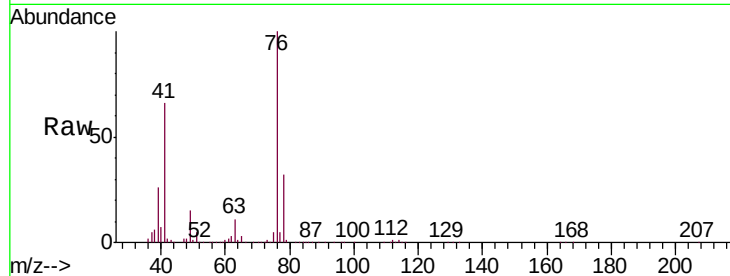
VSTDIC150

Tgt Ion: 76 Resp: 438413

Ion Ratio Lower Upper

76 100

78 32.4 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 775.922 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VW005406.D

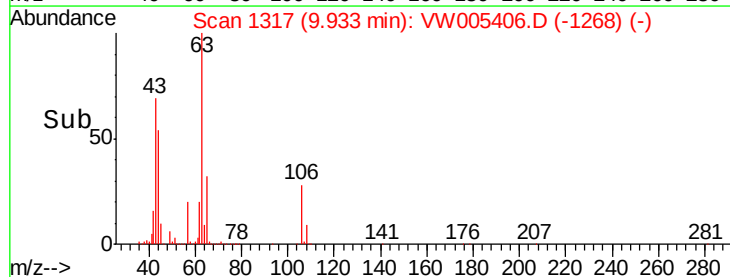
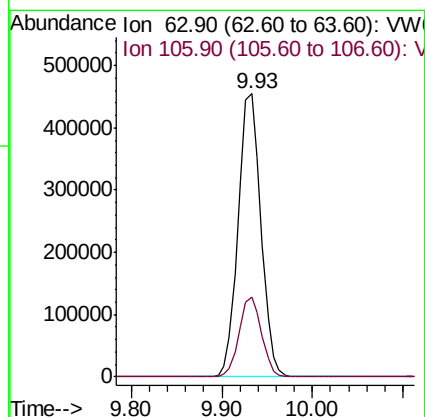
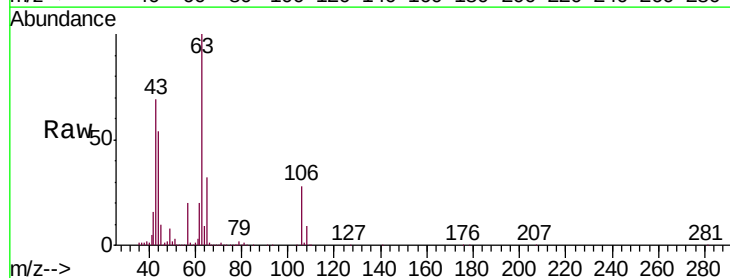
Acq: 15 Sep 2018 01:22

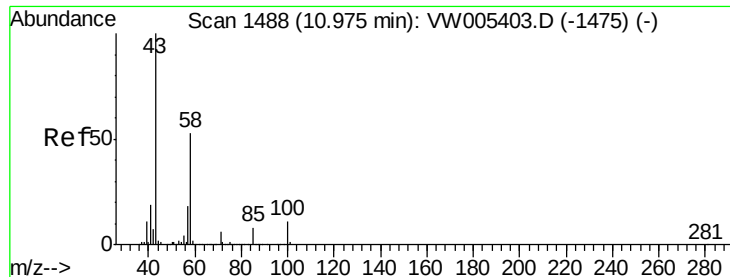
Tgt Ion: 63 Resp: 793833

Ion Ratio Lower Upper

63 100

106 27.6 22.0 33.0

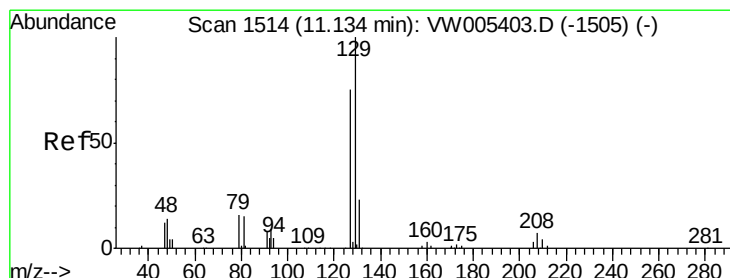
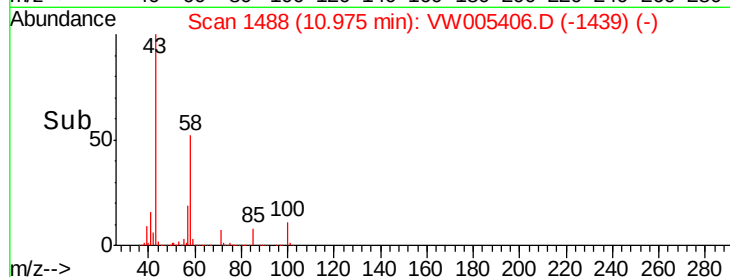
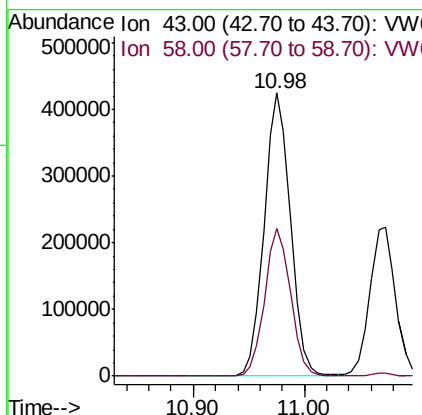
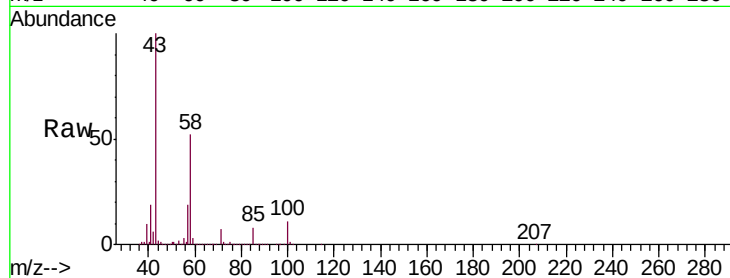




#59
2-Hexanone
Concen: 716.320 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

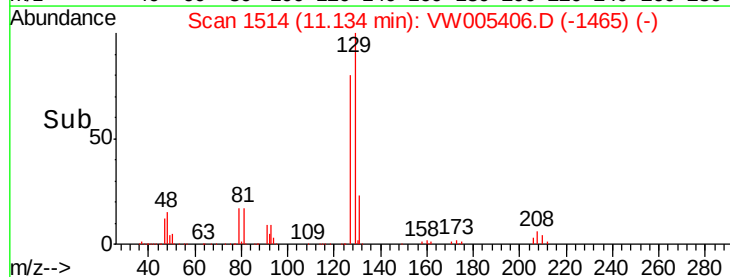
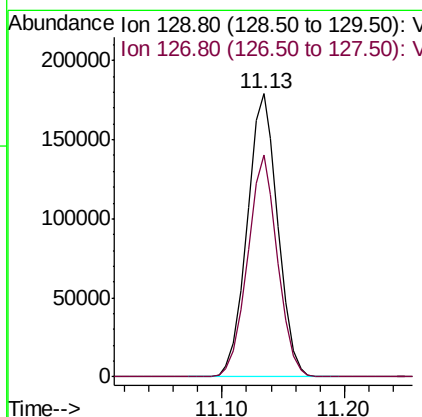
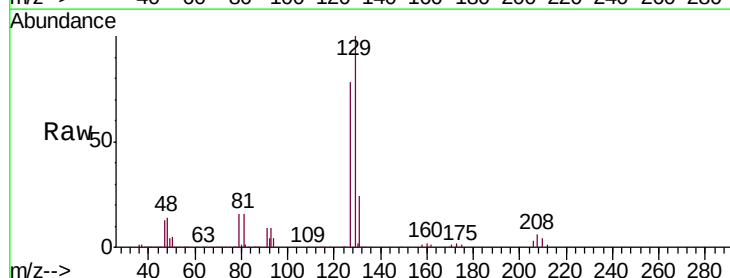
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

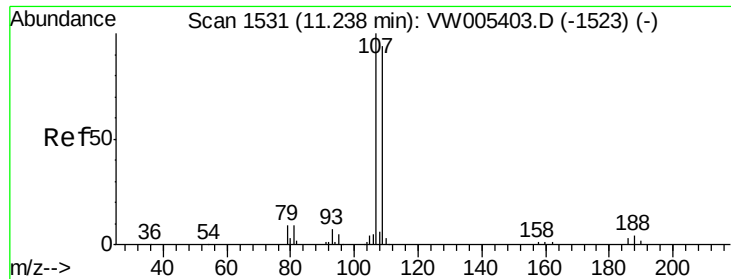
Tgt Ion: 43 Resp: 697354
Ion Ratio Lower Upper
43 100
58 51.7 25.5 76.5



#60
Dibromochloromethane
Concen: 149.890 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Tgt Ion: 129 Resp: 310695
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.3

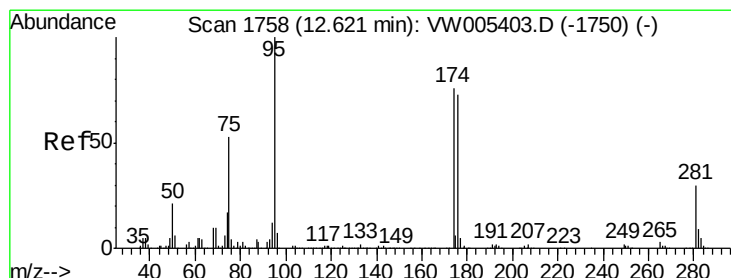
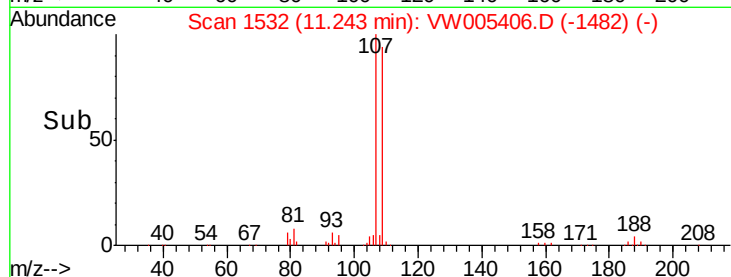
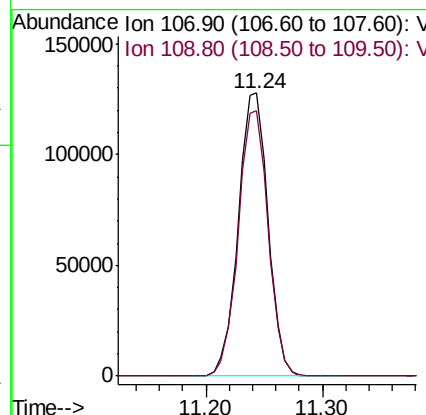
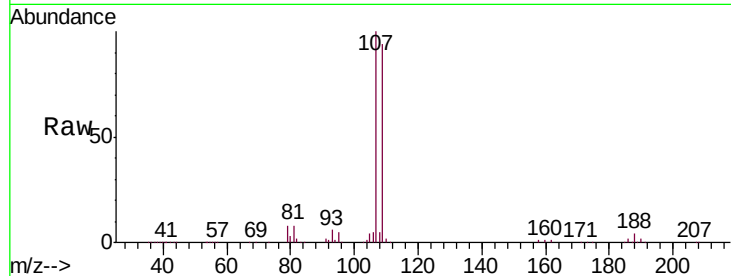




#61
 1,2-Dibromoethane
 Concen: 134.773 ug/l
 RT: 11.24 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

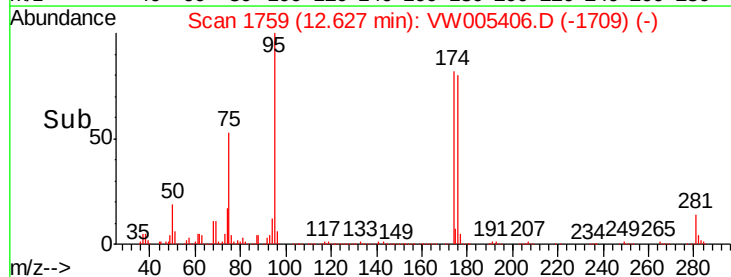
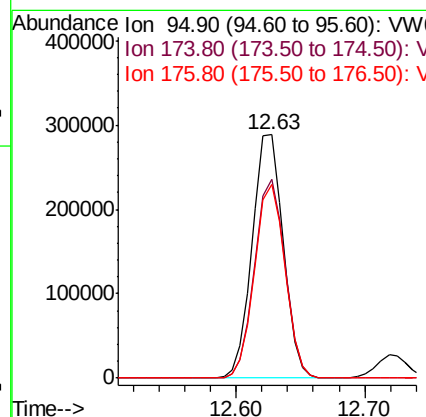
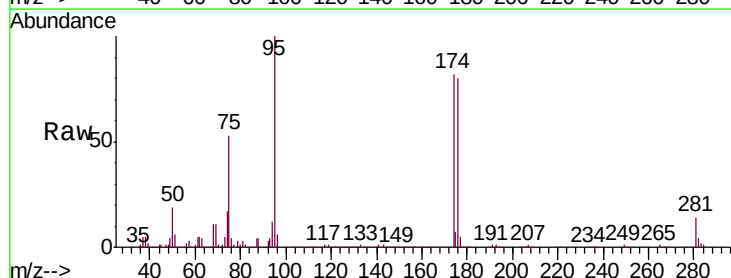
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

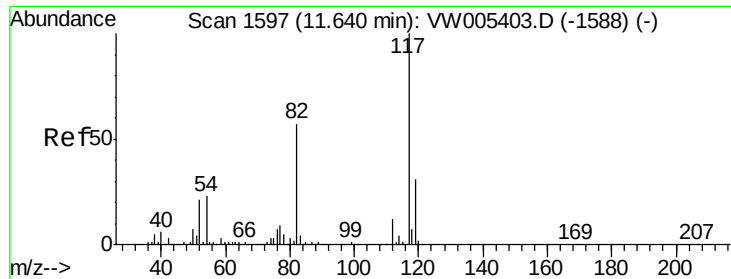
Tgt Ion: 107 Resp: 227425
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 135.230 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.01 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Tgt Ion: 95 Resp: 478609
 Ion Ratio Lower Upper
 95 100
 174 80.6 0.0 161.2
 176 78.3 0.0 156.6

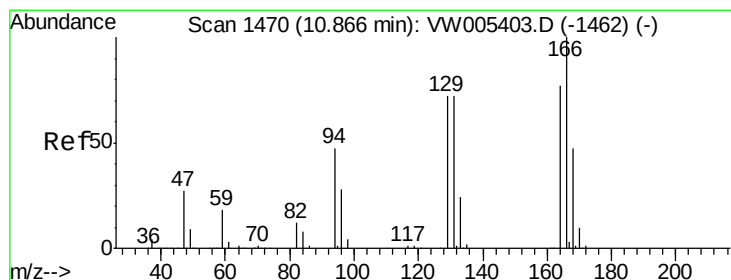
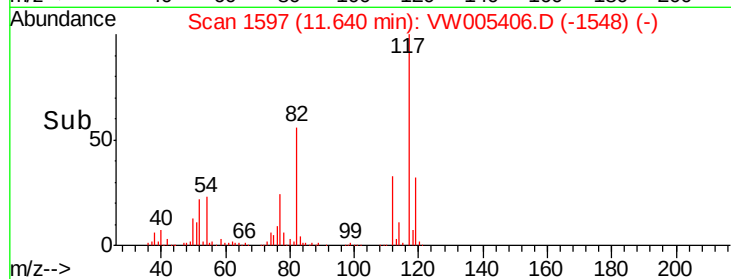
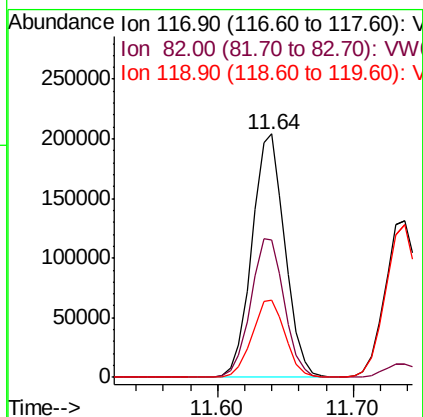
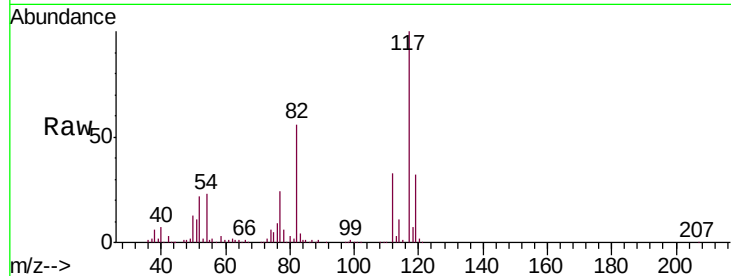




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

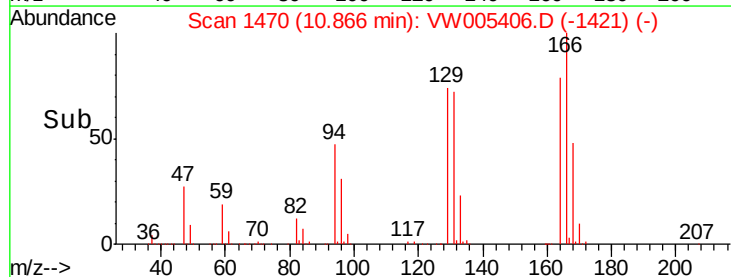
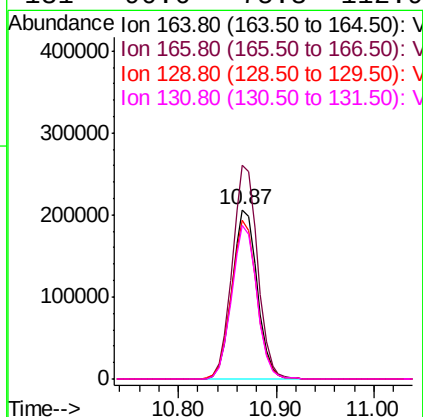
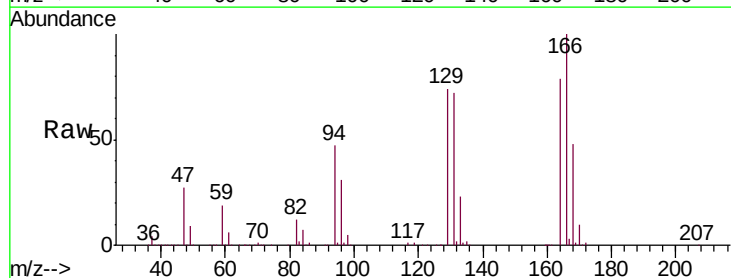
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

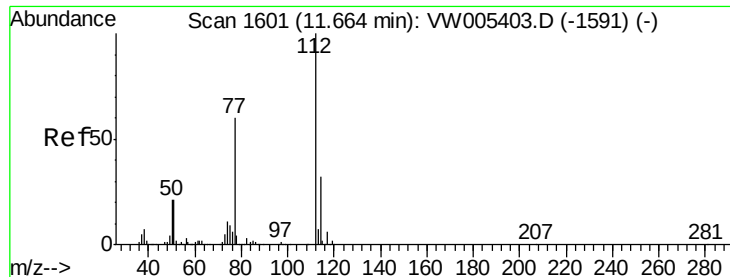
Tgt Ion:117 Resp: 346666
Ion Ratio Lower Upper
117 100
82 56.4 45.9 68.9
119 31.7 24.8 37.2



#64
Tetrachloroethene
Concen: 143.735 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Tgt Ion:164 Resp: 368752
Ion Ratio Lower Upper
164 100
166 126.4 104.0 156.0
129 94.0 74.9 112.3
131 90.6 75.3 112.9

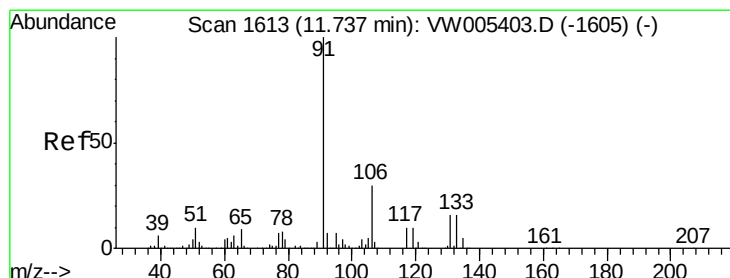
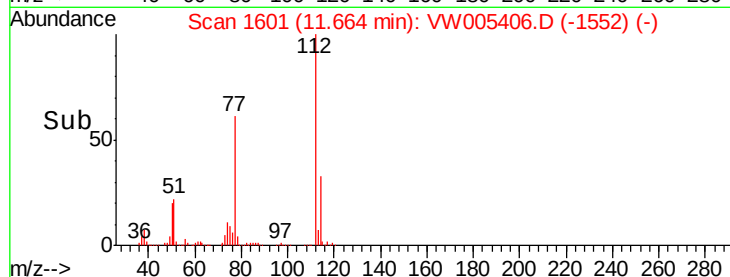
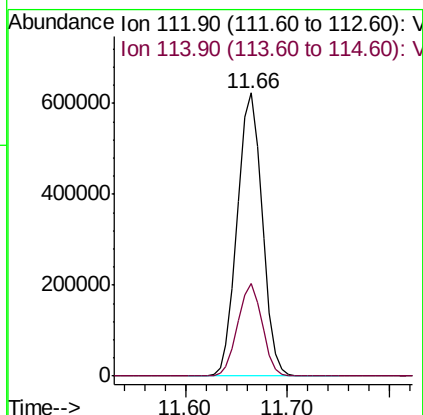
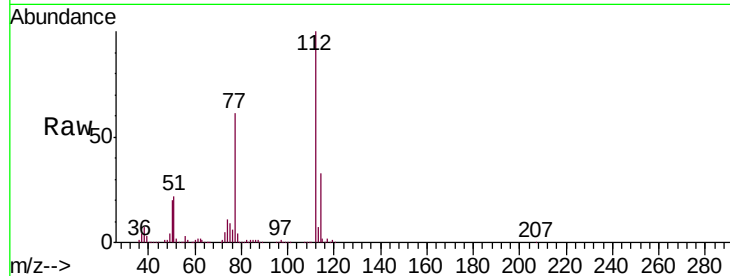




#65
Chlorobenzene
Concen: 139.739 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

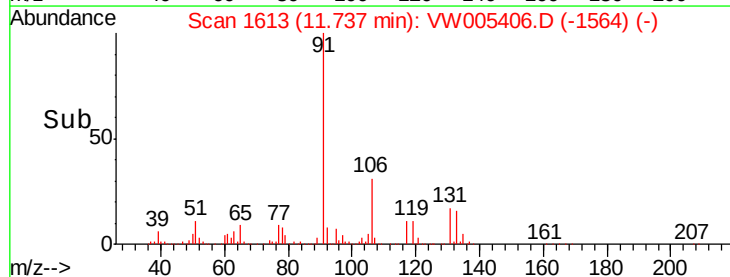
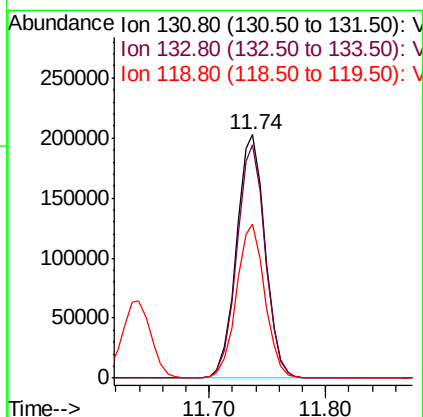
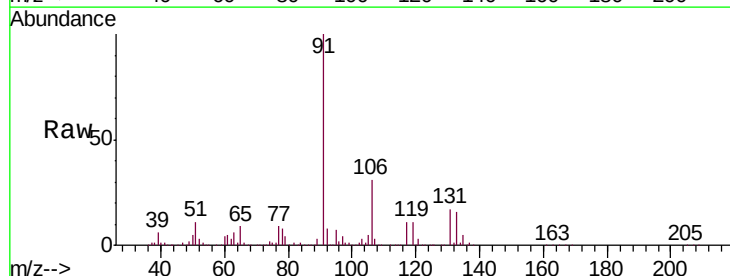
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

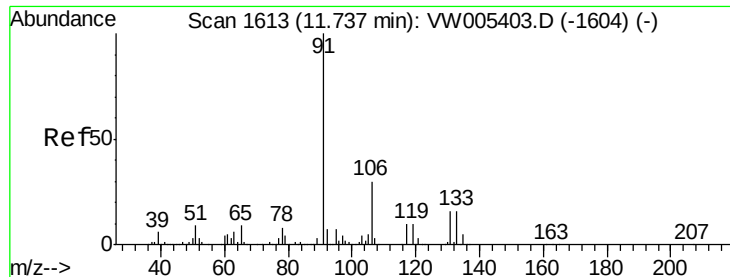
Tgt Ion:112 Resp: 1053417
Ion Ratio Lower Upper
112 100
114 32.7 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 152.103 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Tgt Ion:131 Resp: 346534
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.9
119 62.8 31.1 93.5

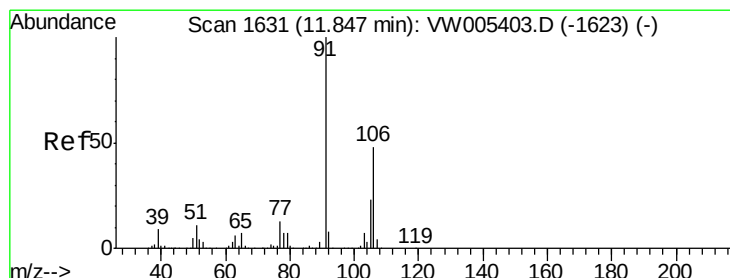
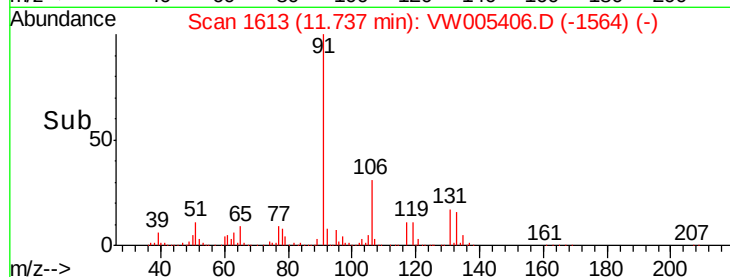
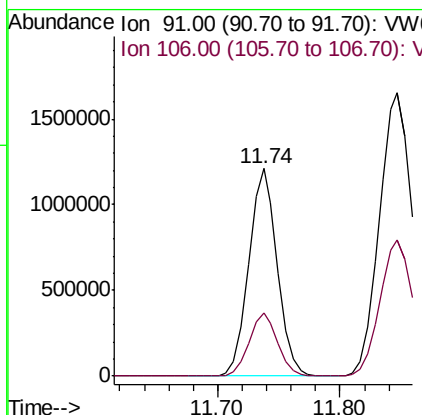
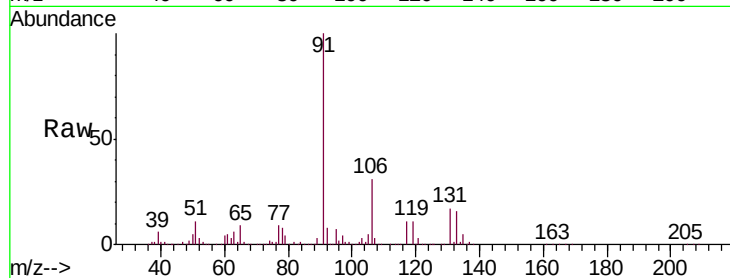




#67
Ethyl Benzene
Concen: 148.111 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

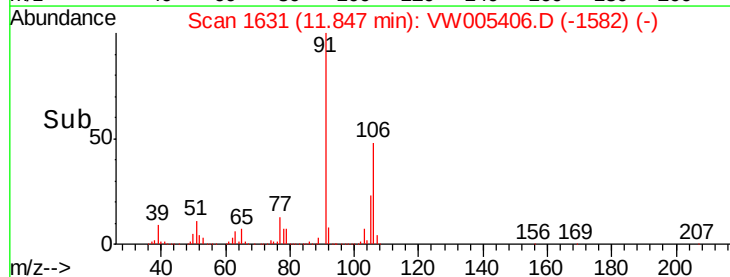
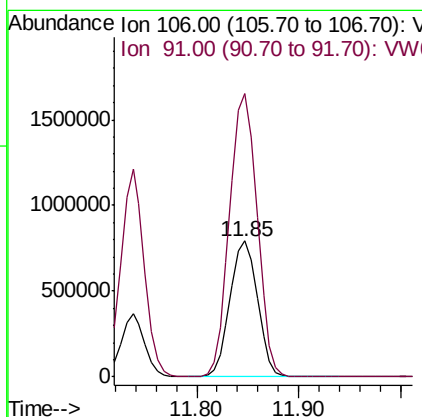
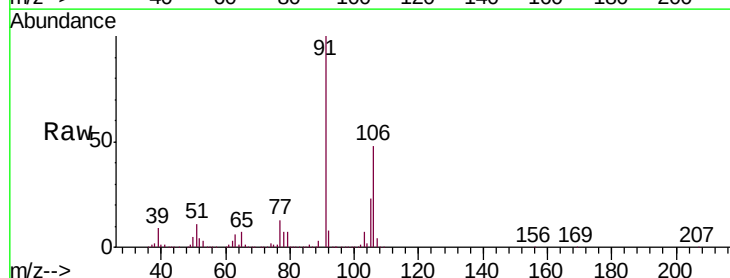
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

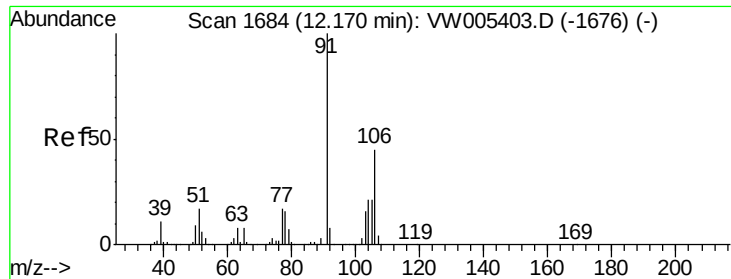
Tgt Ion: 91 Resp: 1949854
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.4



#68
m/p-Xylenes
Concen: 281.629 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Tgt Ion: 106 Resp: 1485533
Ion Ratio Lower Upper
106 100
91 209.0 167.9 251.9

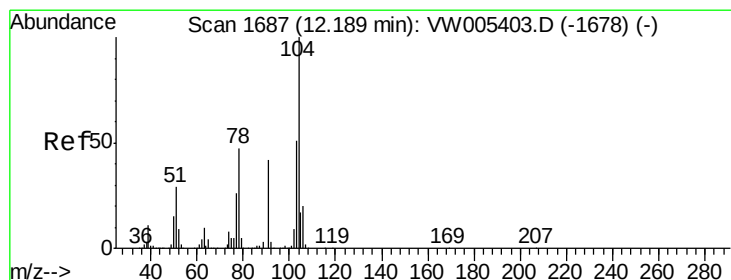
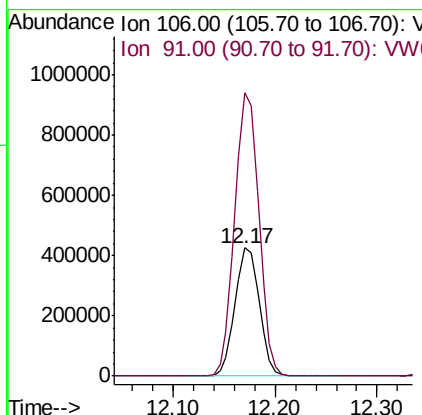
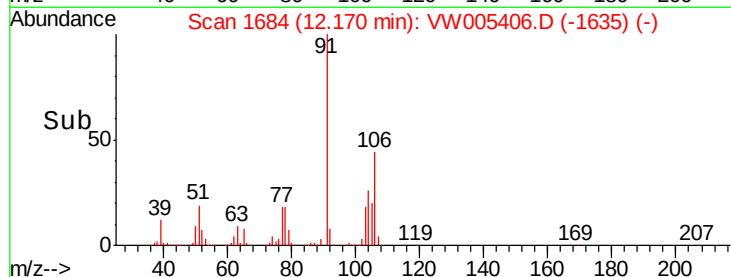
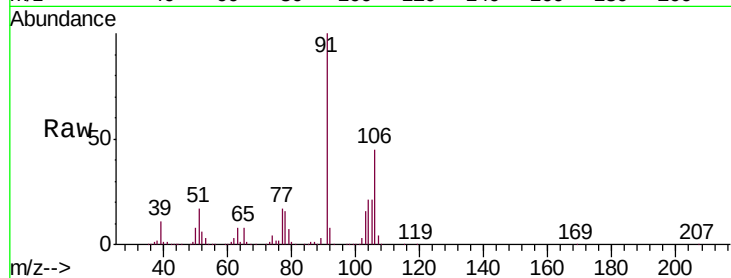




#69
o-Xylene
Concen: 142.803 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

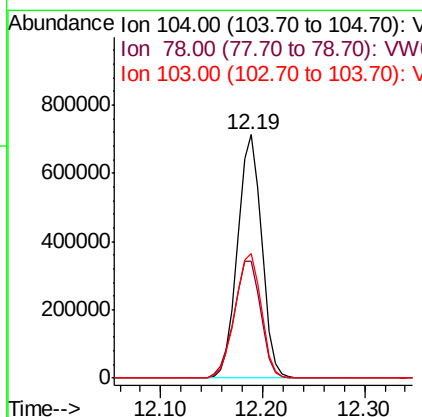
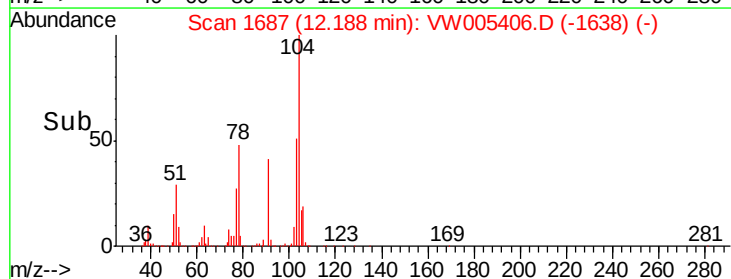
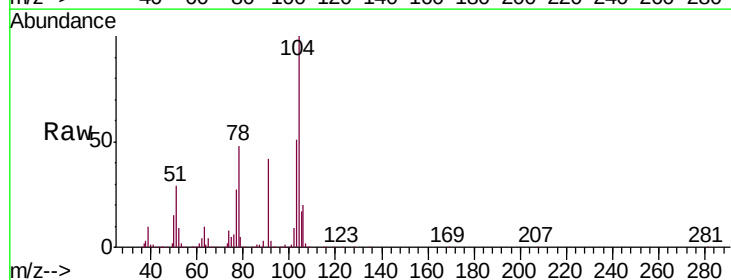
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

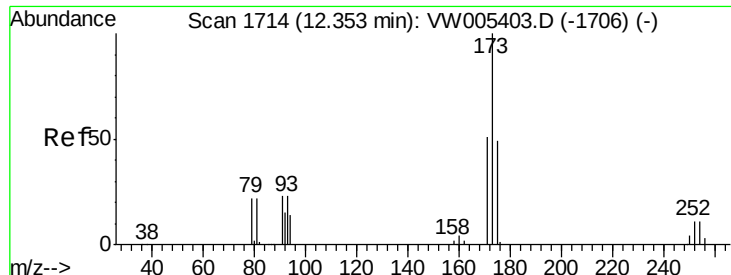
Tgt Ion:106 Resp: 699451
Ion Ratio Lower Upper
106 100
91 220.8 110.6 331.6



#70
Styrene
Concen: 144.560 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Tgt Ion:104 Resp: 1159012
Ion Ratio Lower Upper
104 100
78 53.6 42.4 63.6
103 55.9 44.8 67.2

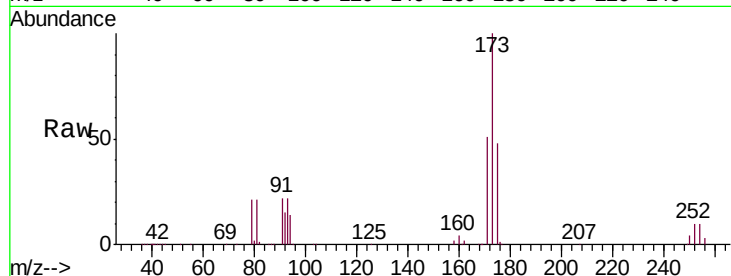




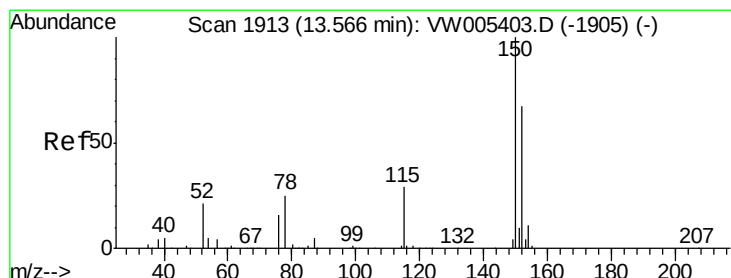
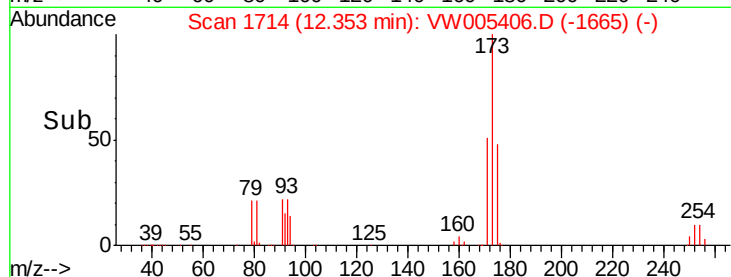
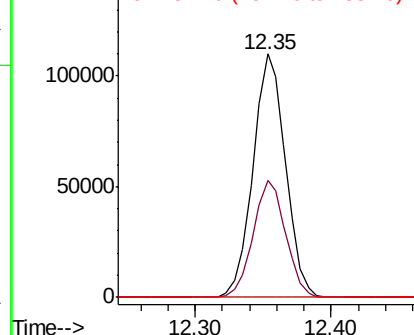
#71
Bromoform
Concen: 149.404 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:173 Resp: 183812
Ion Ratio Lower Upper
173 100
175 48.2 24.2 72.6
254 0.0 0.0 0.0#

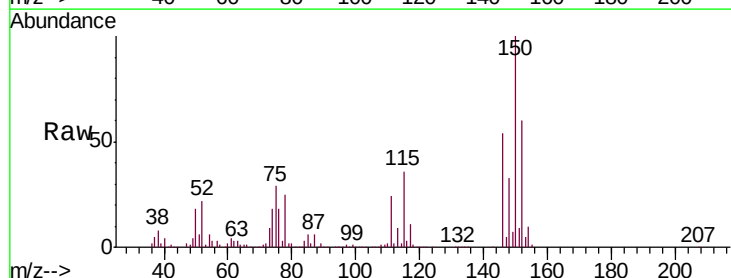


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

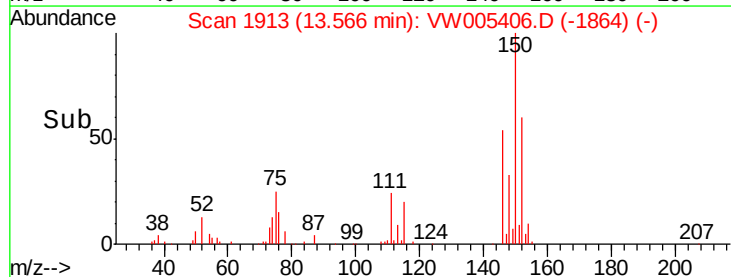
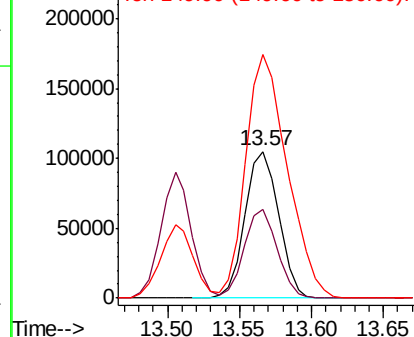


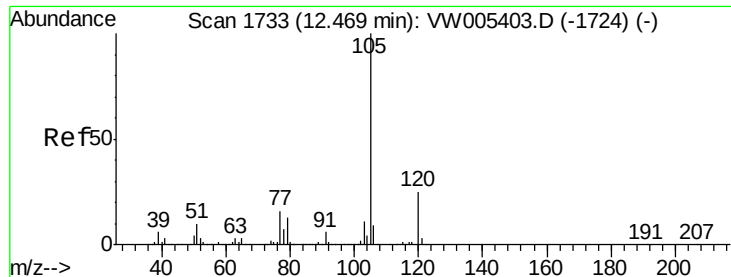
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Tgt Ion:152 Resp: 170783
Ion Ratio Lower Upper
152 100
115 58.8 29.5 88.5
150 203.4 0.0 345.6



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: 161.091 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

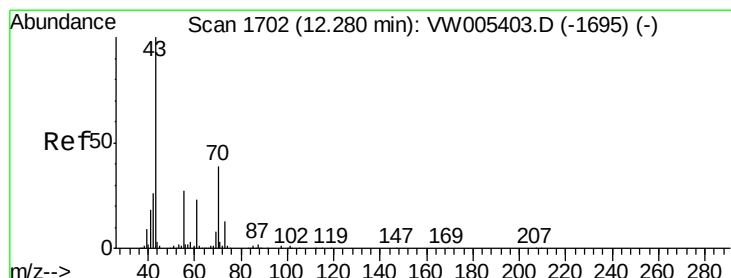
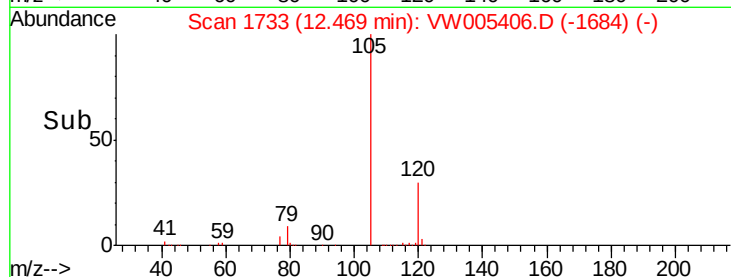
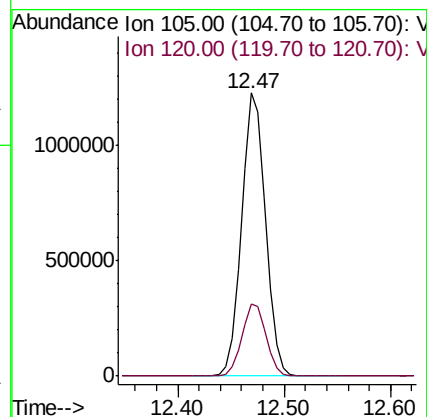
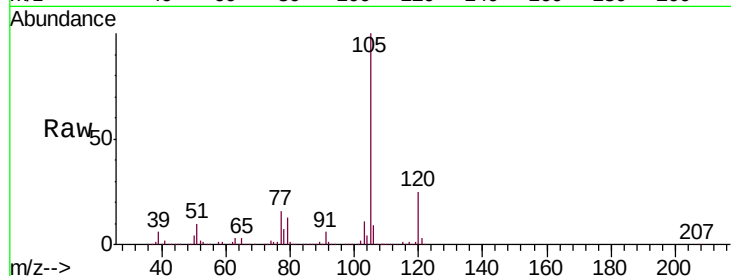
VSTDIC150

Tgt Ion:105 Resp: 1932007

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.6



#74

N-ethyl acetate

Concen: 173.816 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Tgt Ion: 43 Resp: 404907

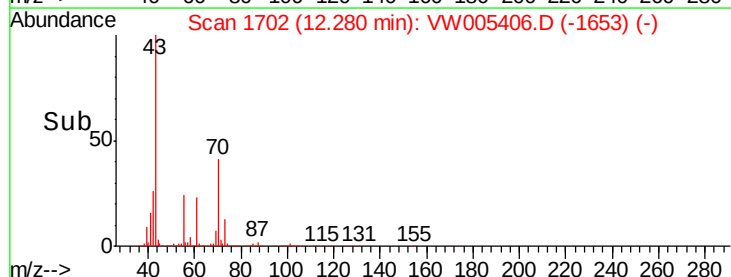
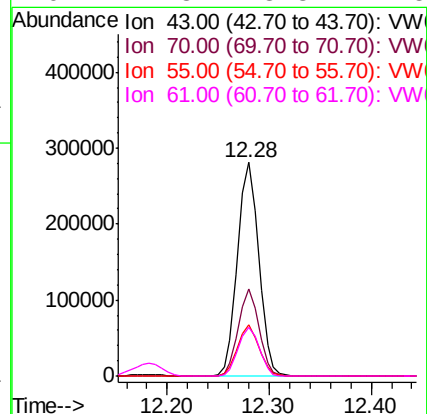
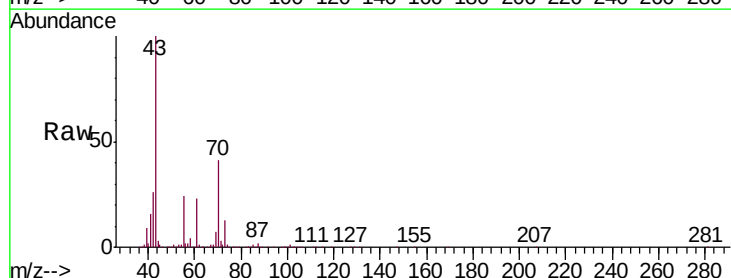
Ion Ratio Lower Upper

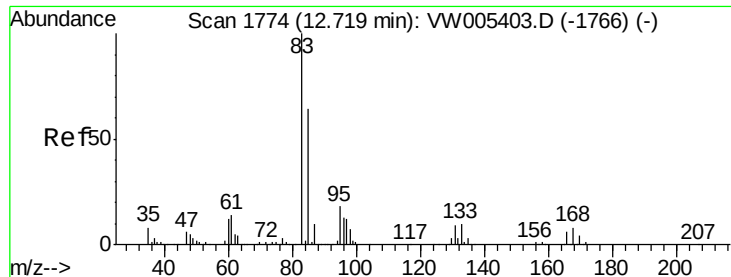
43 100

70 39.6 31.9 47.9

55 24.1 21.4 32.0

61 22.8 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 146.086 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

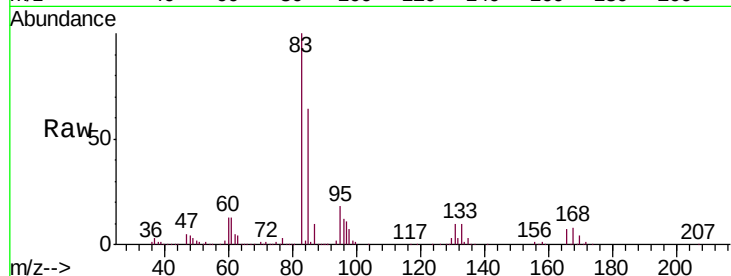
Tgt Ion: 83 Resp: 262112

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.1

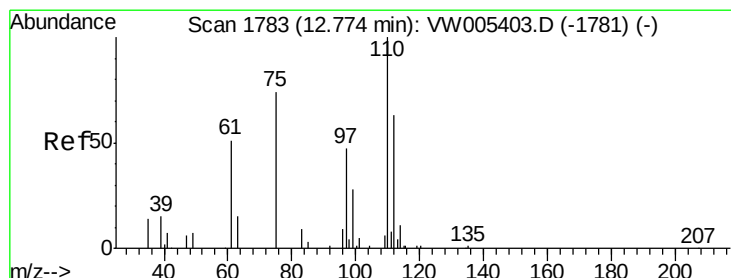
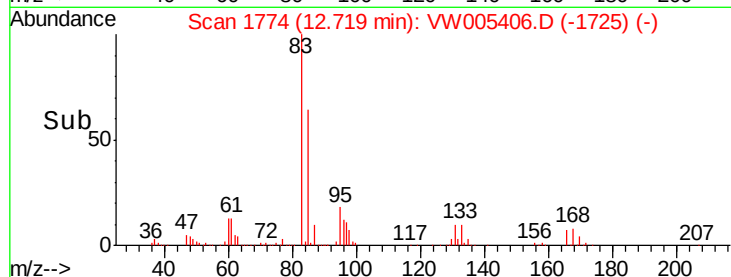
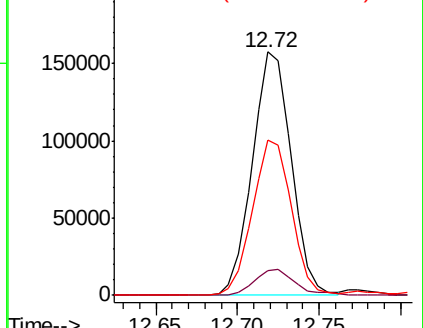
85 64.0 31.6 95.0



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: 292.282 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005406.D

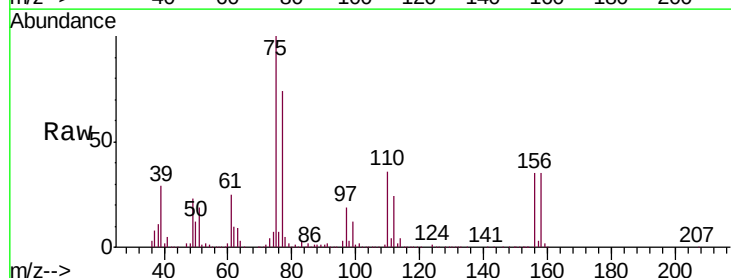
Acq: 15 Sep 2018 01:22

Tgt Ion: 75 Resp: 383143

Ion Ratio Lower Upper

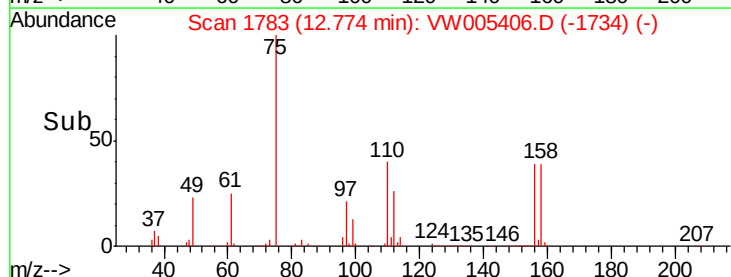
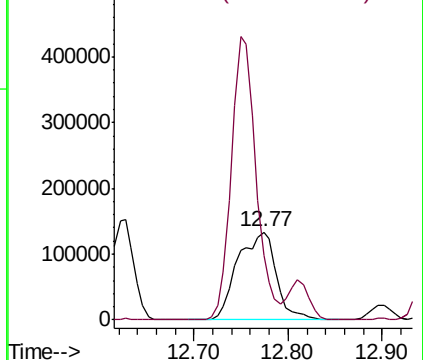
75 100

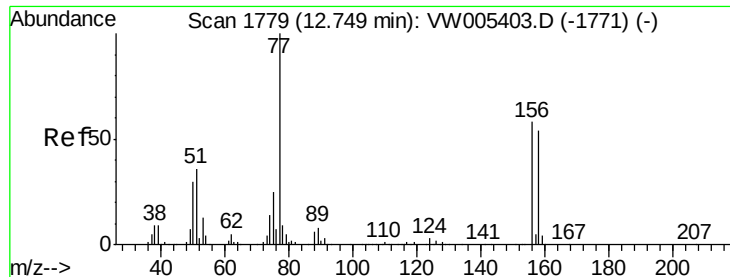
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 148.810 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

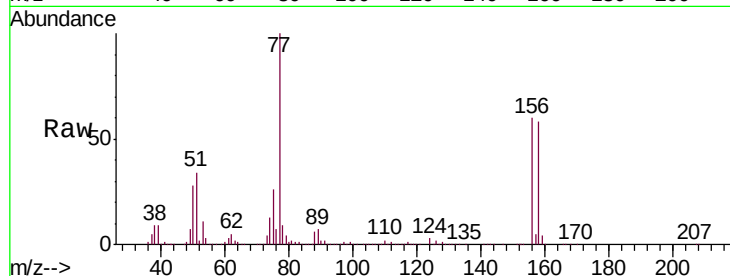
Tgt Ion:156 Resp: 422335

Ion Ratio Lower Upper

156 100

77 187.5 92.8 278.3

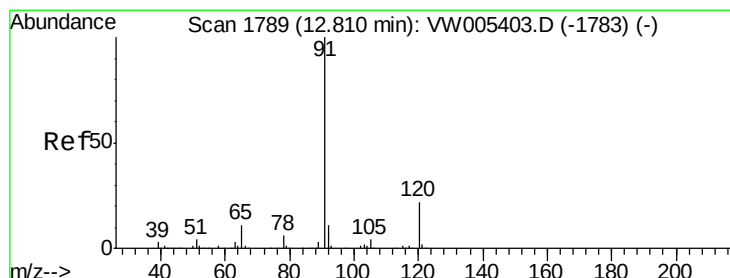
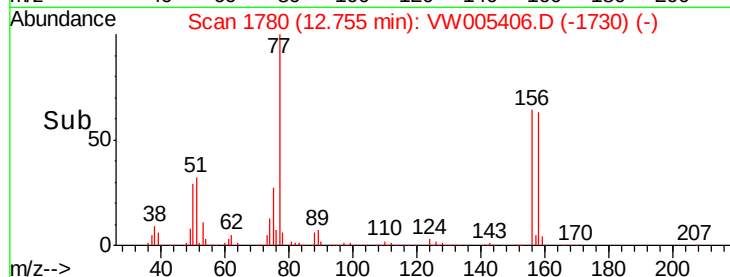
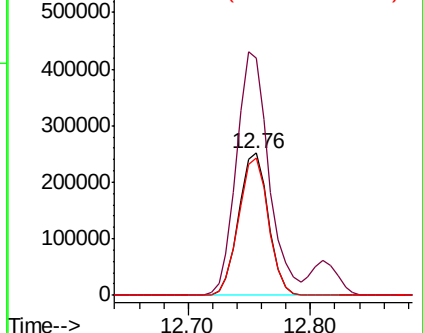
158 97.1 48.2 144.6



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: 157.980 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005406.D

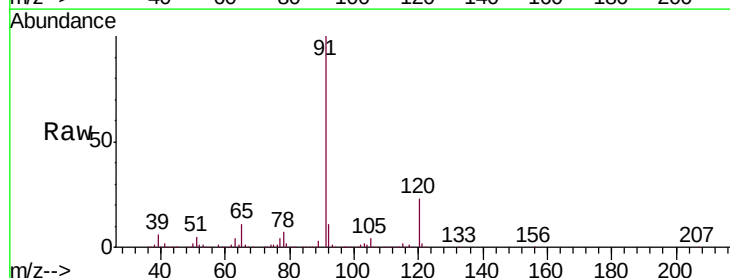
Acq: 15 Sep 2018 01:22

Tgt Ion: 91 Resp: 2292127

Ion Ratio Lower Upper

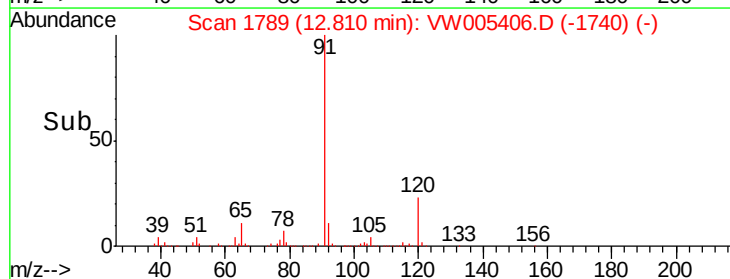
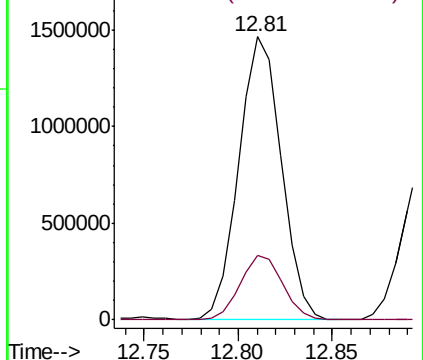
91 100

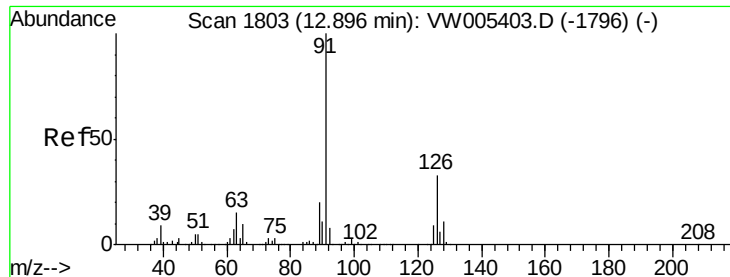
120 22.7 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 157.731 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

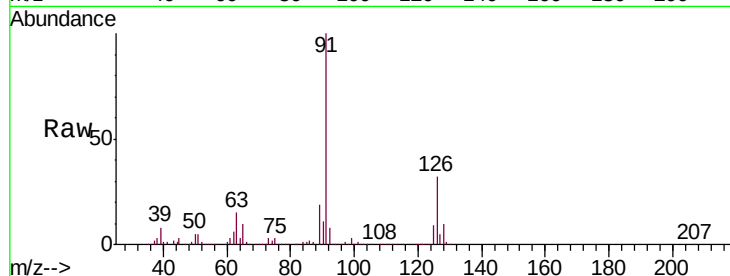
VSTDIC150

Tgt Ion: 91 Resp: 1314587

Ion Ratio Lower Upper

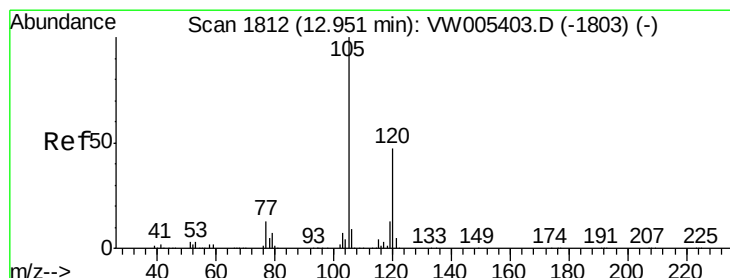
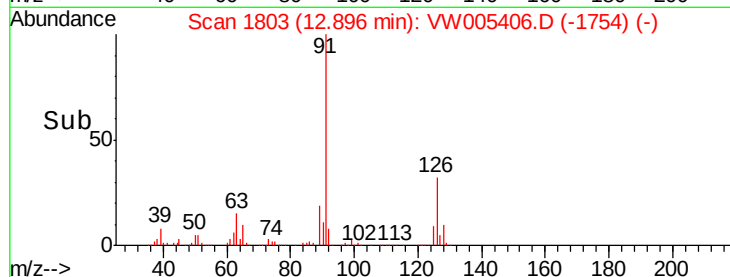
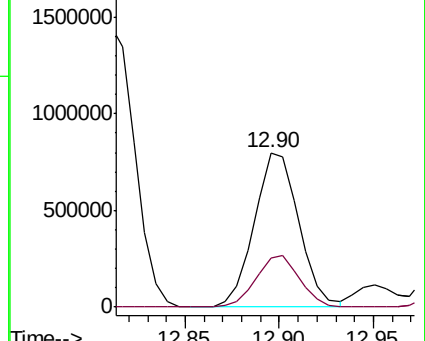
91 100

126 32.7 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 159.702 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005406.D

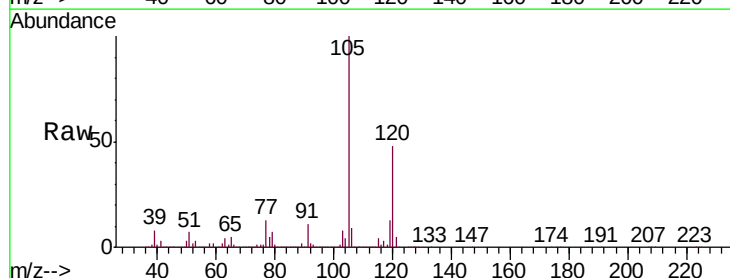
Acq: 15 Sep 2018 01:22

Tgt Ion: 105 Resp: 1650375

Ion Ratio Lower Upper

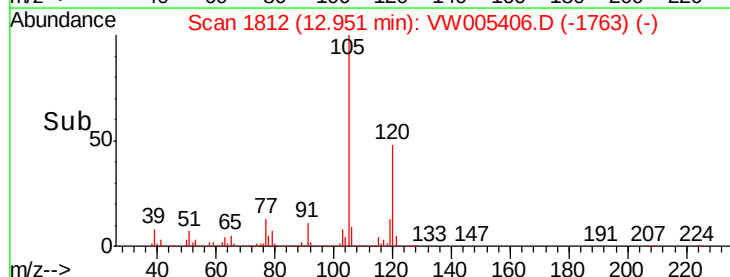
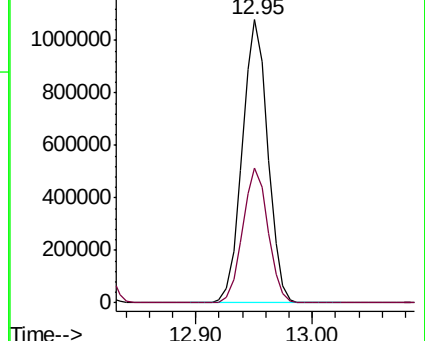
105 100

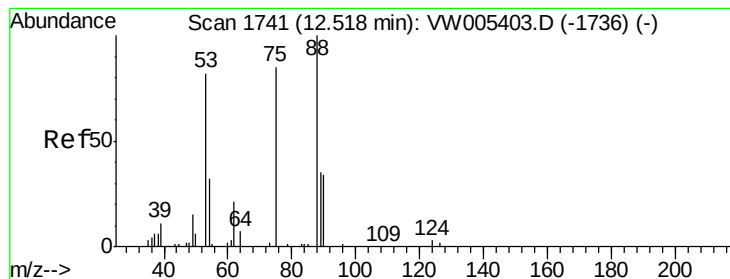
120 47.4 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 154.734 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

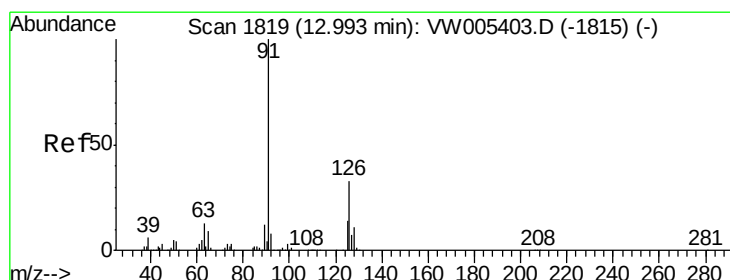
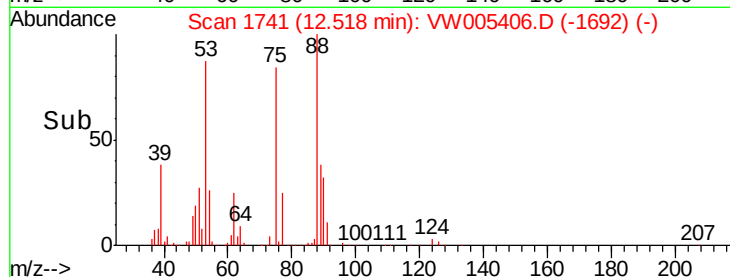
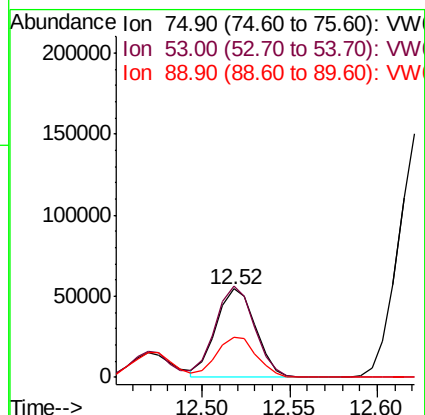
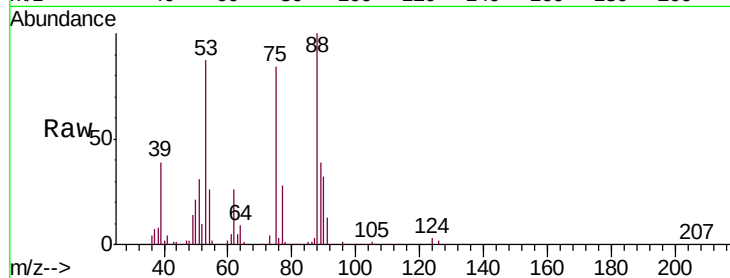
Tgt Ion: 75 Resp: 85958

Ion Ratio Lower Upper

75 100

53 104.3 83.2 124.8

89 46.0 36.6 54.8



#82

4-Chlorotoluene

Concen: 156.364 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW005406.D

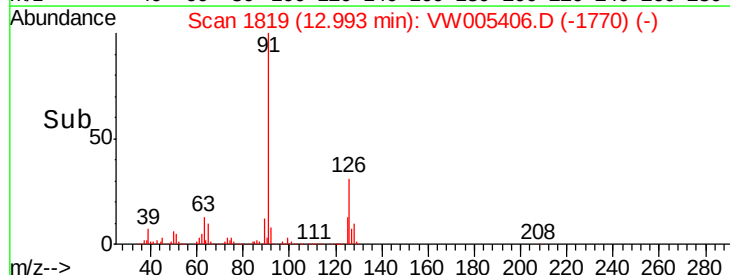
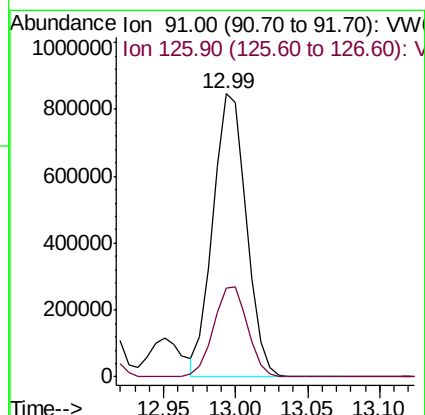
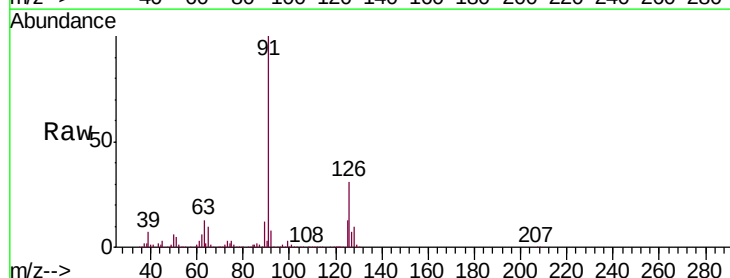
Acq: 15 Sep 2018 01:22

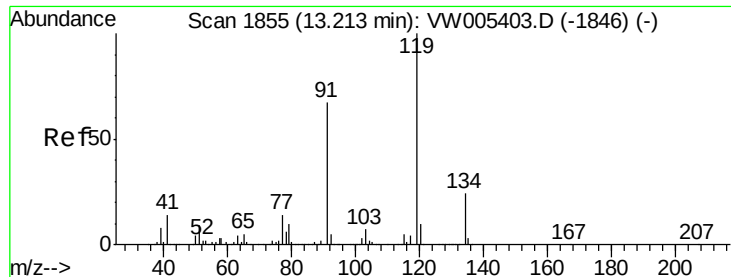
Tgt Ion: 91 Resp: 1372823

Ion Ratio Lower Upper

91 100

126 32.6 16.4 49.1

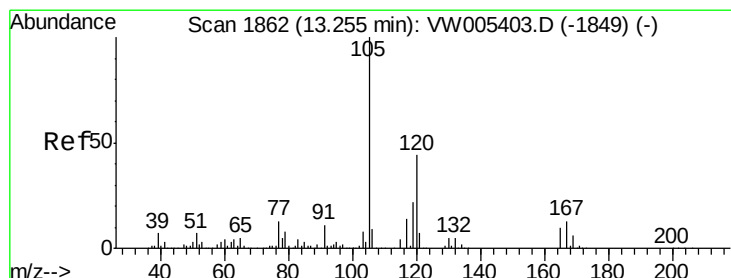
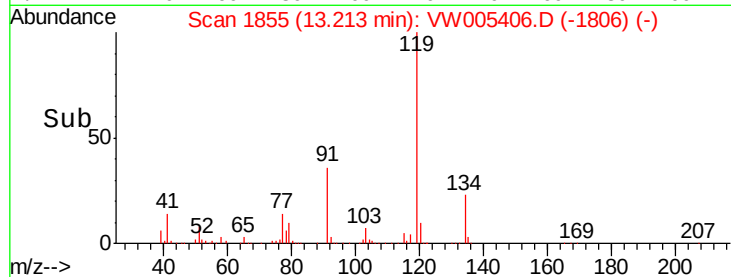
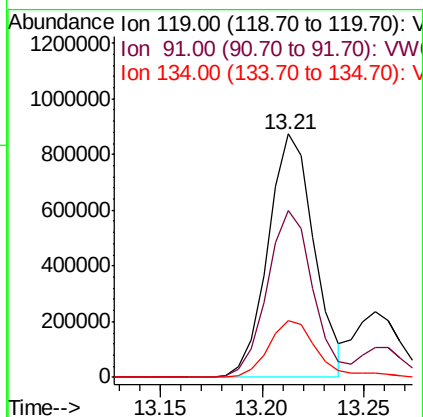
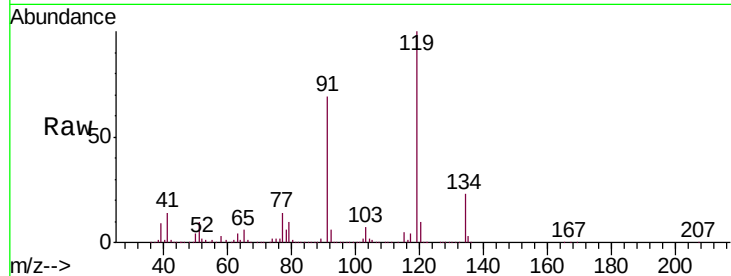




#83
 tert-Butylbenzene
 Concen: 153.582 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

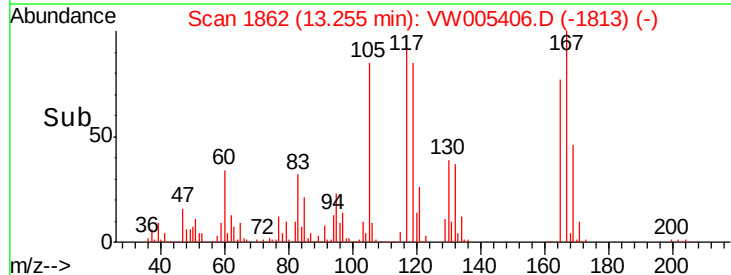
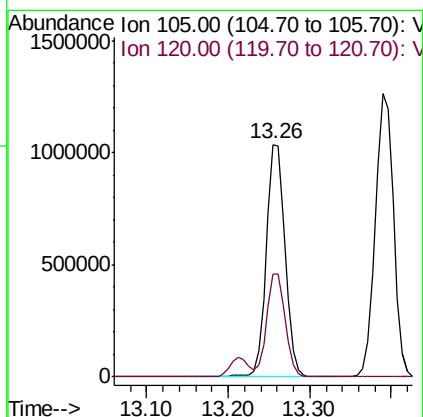
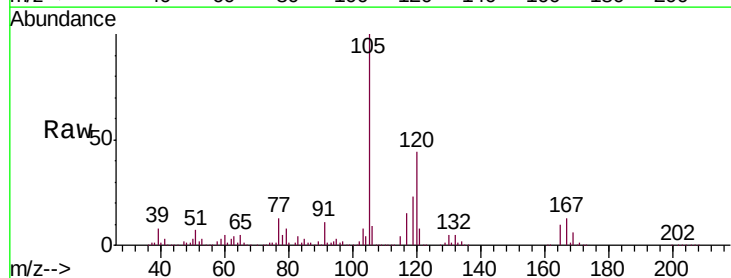
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

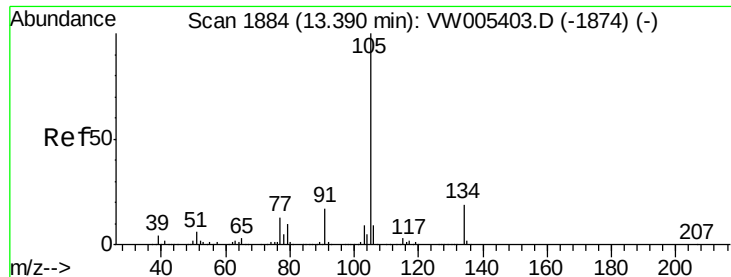
Tgt Ion:119 Resp: 1376411
 Ion Ratio Lower Upper
 119 100
 91 68.7 34.4 103.2
 134 25.2 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 158.783 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Tgt Ion:105 Resp: 1656431
 Ion Ratio Lower Upper
 105 100
 120 43.8 21.8 65.3





#85

sec-Butylbenzene

Concen: 151.975 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

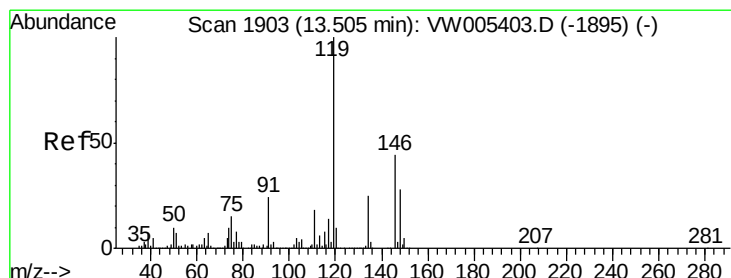
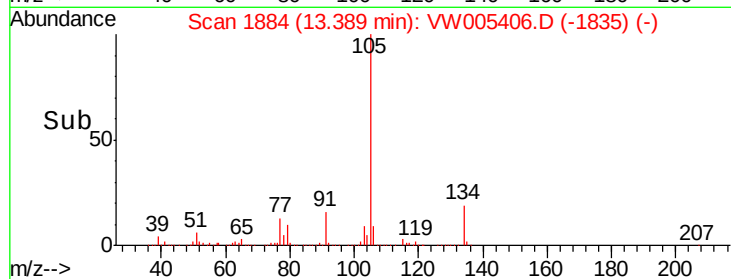
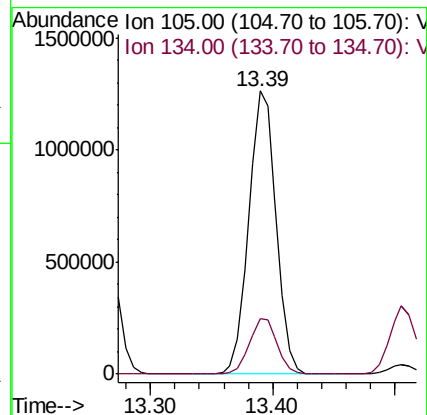
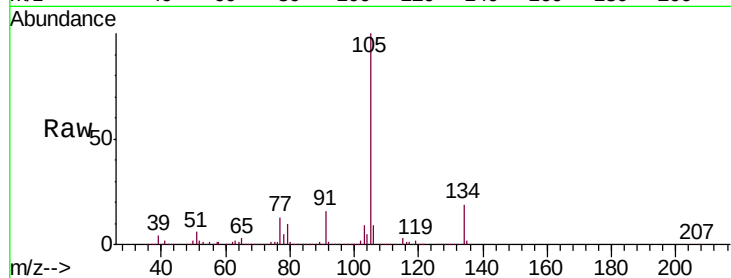
VSTDIC150

Tgt Ion:105 Resp: 1954819

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.5



#86

p-Isopropyltoluene

Concen: 154.648 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

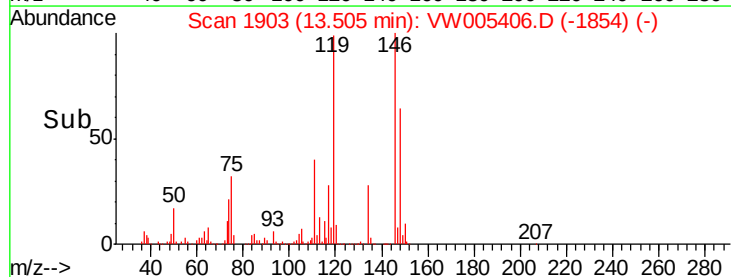
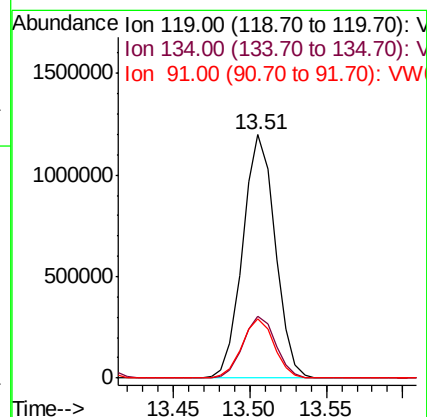
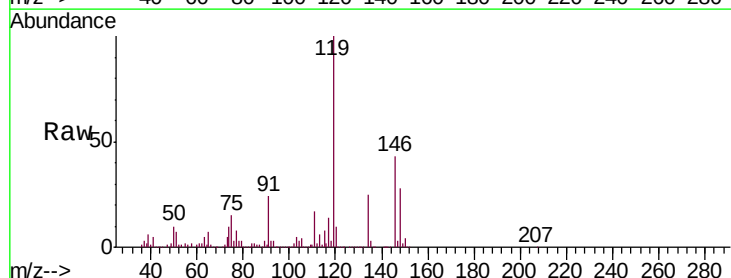
Tgt Ion:119 Resp: 1764597

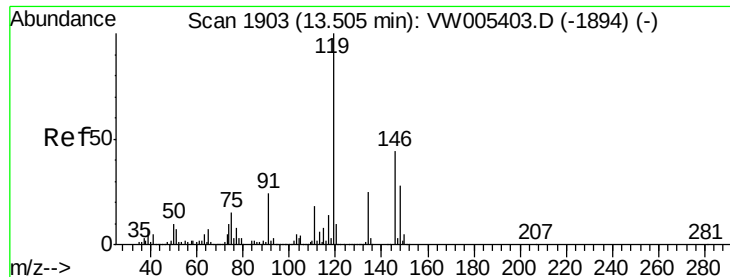
Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

91 24.3 12.0 36.0

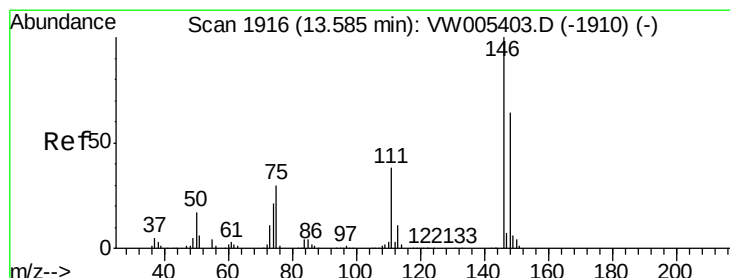
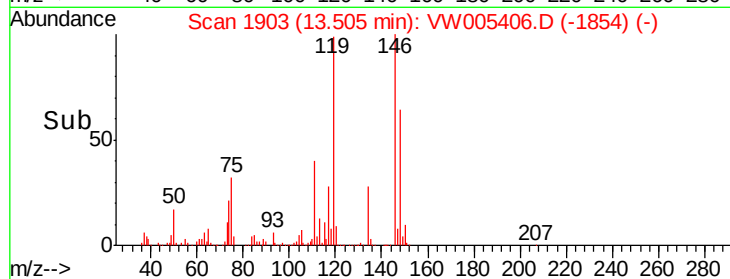
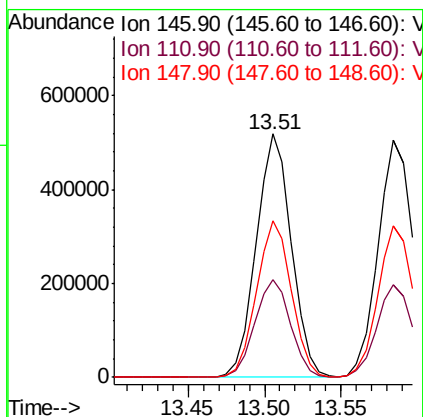
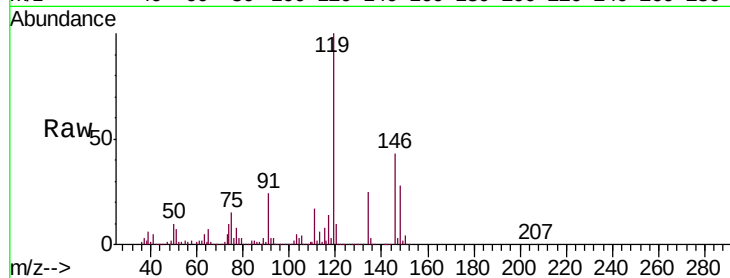




#87
 1,3-Dichlorobenzene
 Concen: 139.918 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

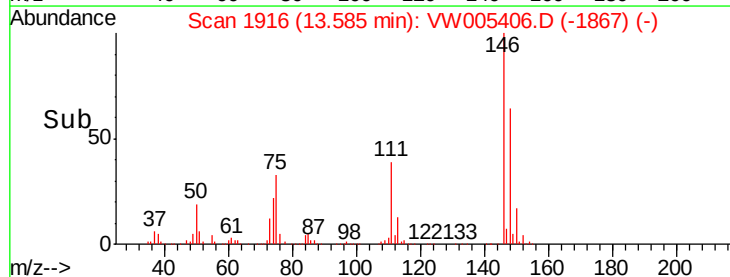
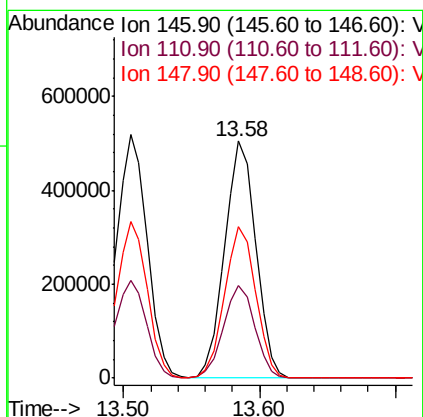
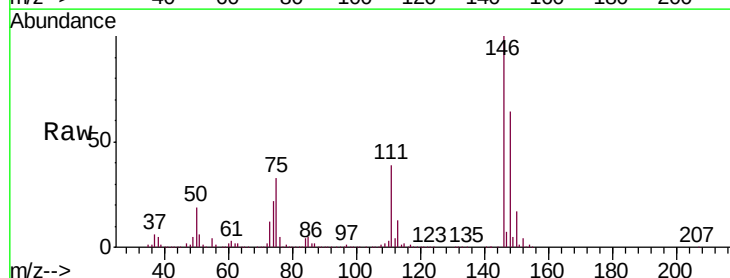
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

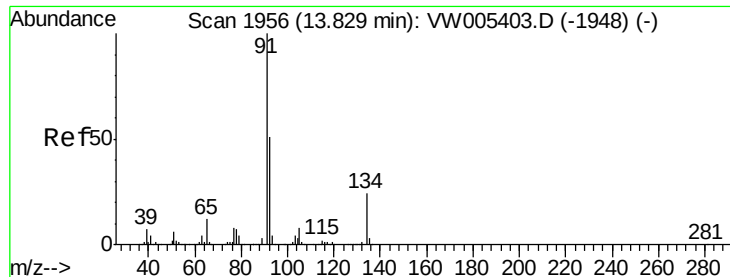
Tgt Ion:146 Resp: 828554
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.4 61.2
 148 63.9 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 137.762 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Tgt Ion:146 Resp: 806326
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.6 58.8
 148 63.7 31.8 95.4





#89

n-Butylbenzene

Concen: 151.517 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005406.D

Acq: 15 Sep 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

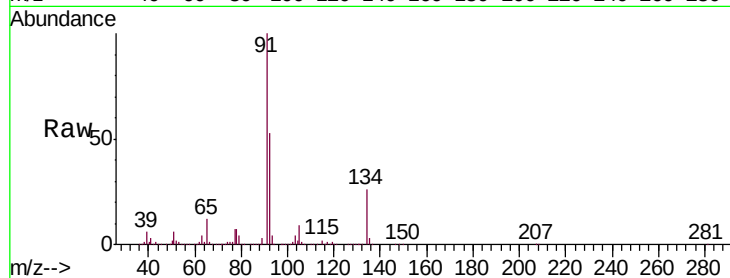
Tgt Ion: 91 Resp: 1625036

Ion Ratio Lower Upper

91 100

92 52.9 26.2 78.6

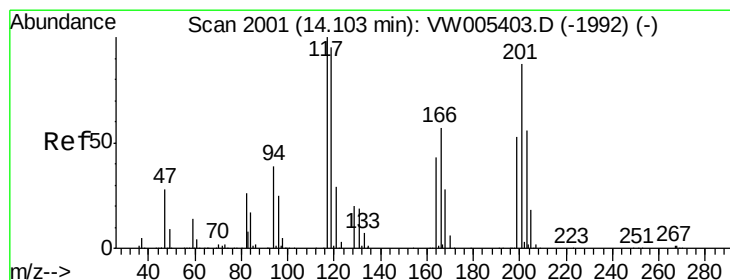
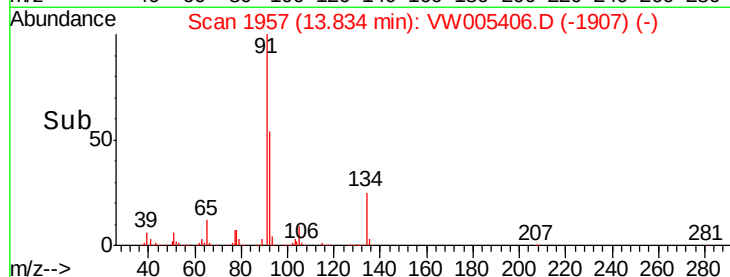
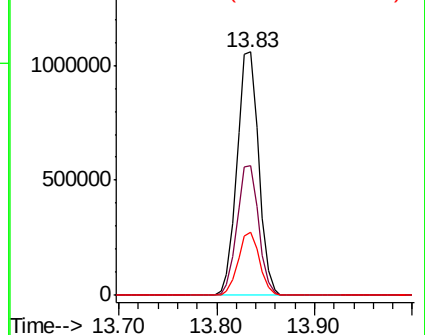
134 25.6 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 159.901 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. -0.00 min

Lab File: VW005406.D

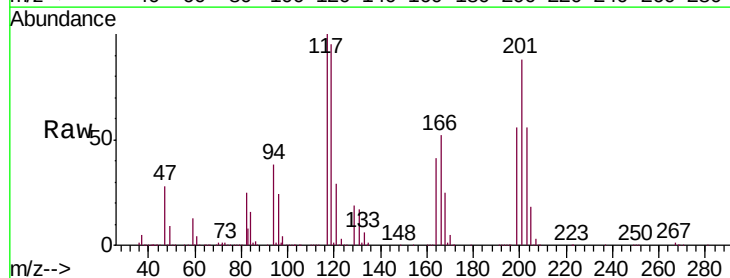
Acq: 15 Sep 2018 01:22

Tgt Ion: 117 Resp: 295518

Ion Ratio Lower Upper

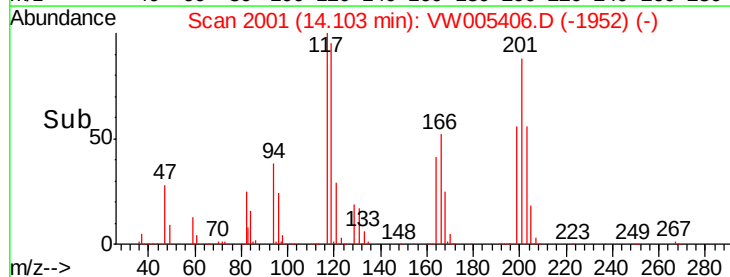
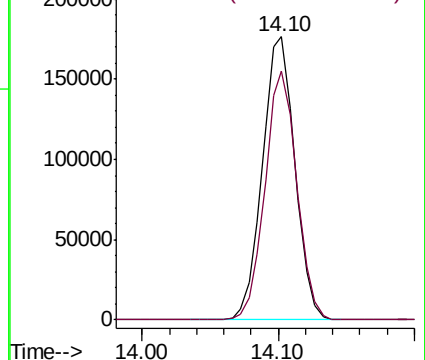
117 100

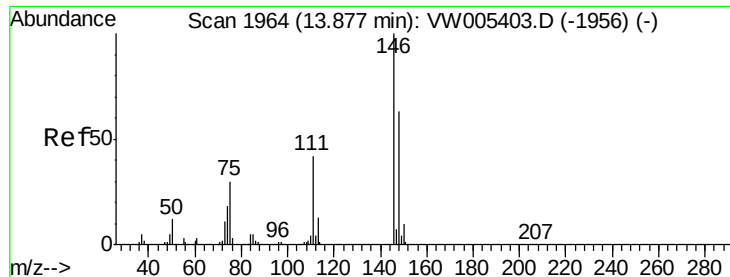
201 85.9 42.5 127.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

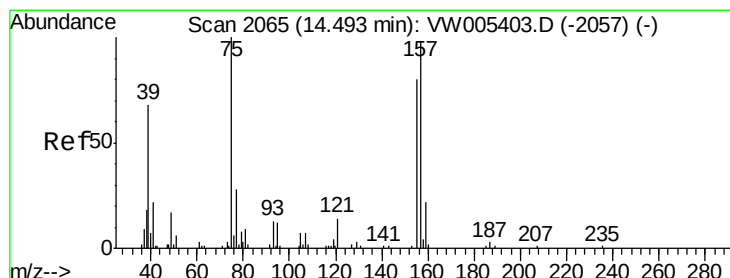
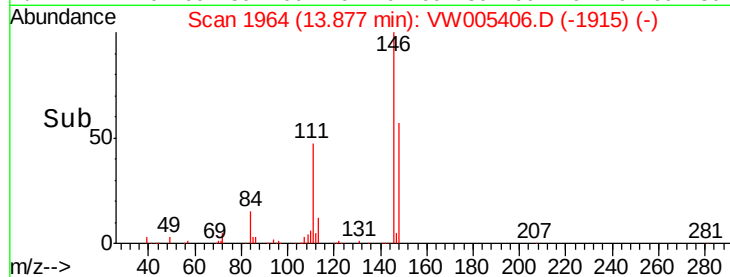
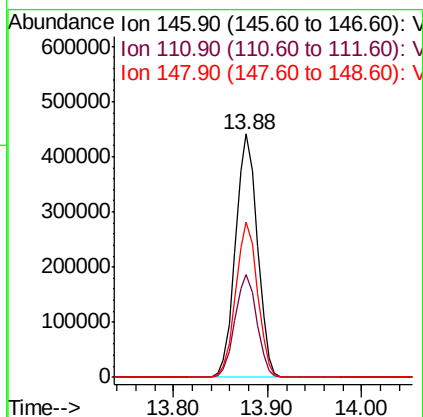
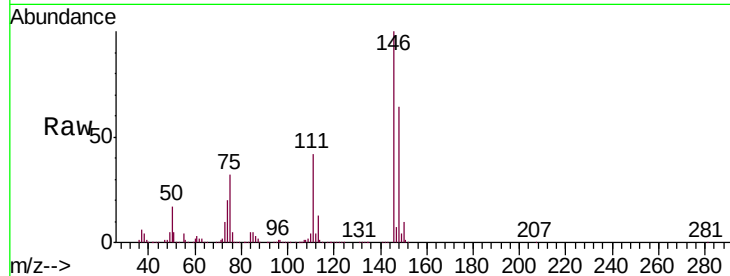




#91
 1,2-Dichlorobenzene
 Concen: 136.101 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

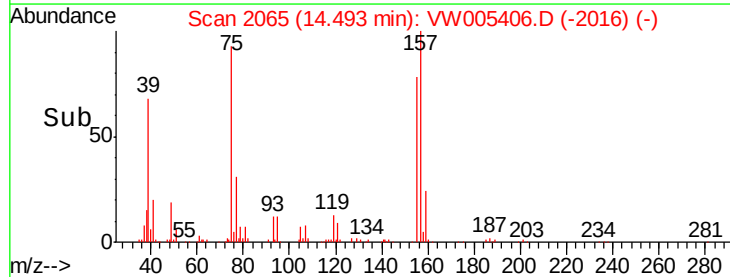
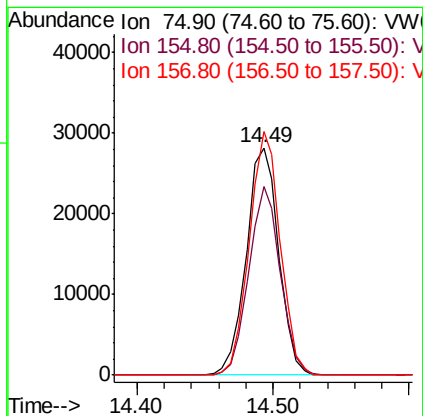
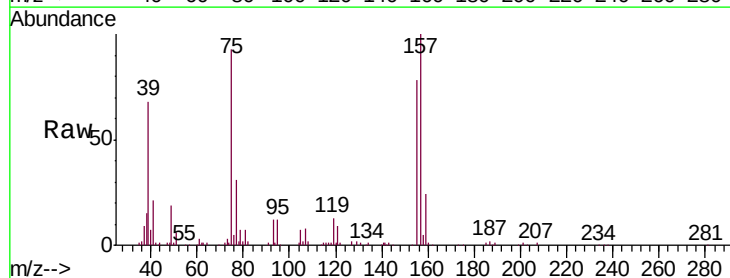
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

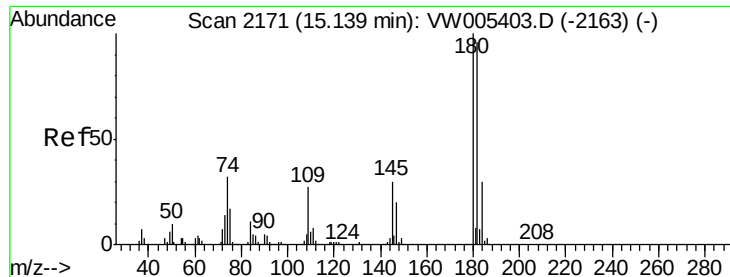
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.0	63.0
148	63.7	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 154.363 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.6	39.0	117.0
157	102.4	49.9	149.6

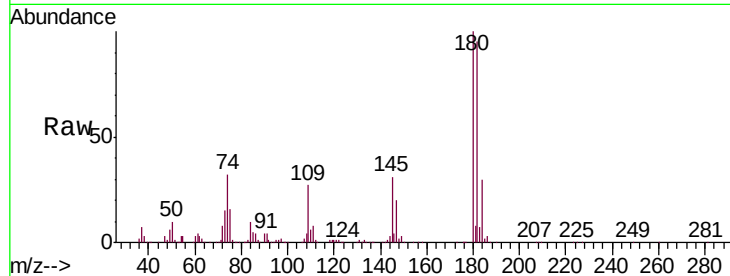




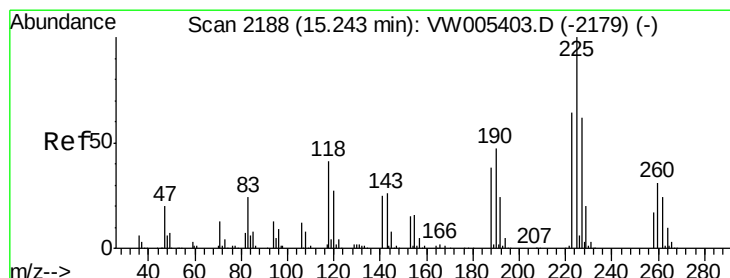
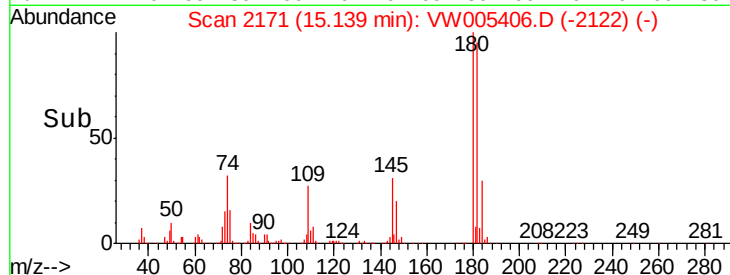
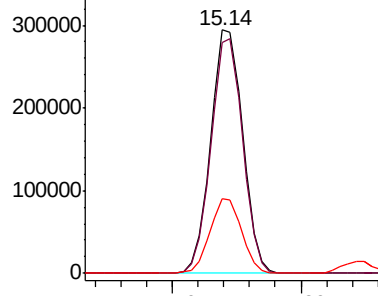
#93
 1,2,4-Trichlorobenzene
 Concen: 137.329 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.3	141.9
145	30.5	14.8	44.3

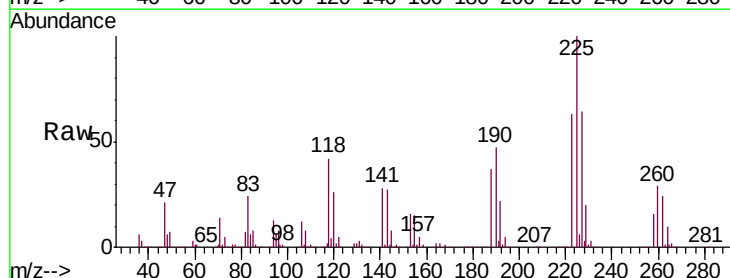


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

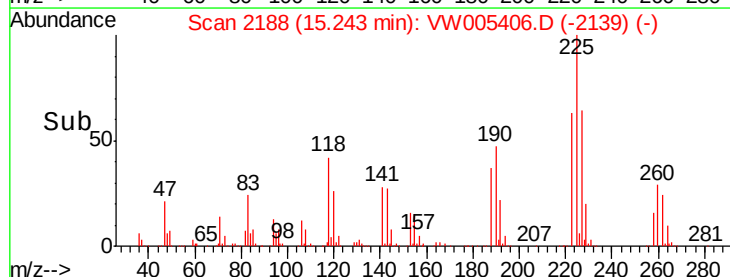
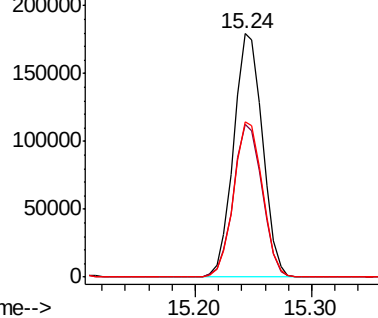


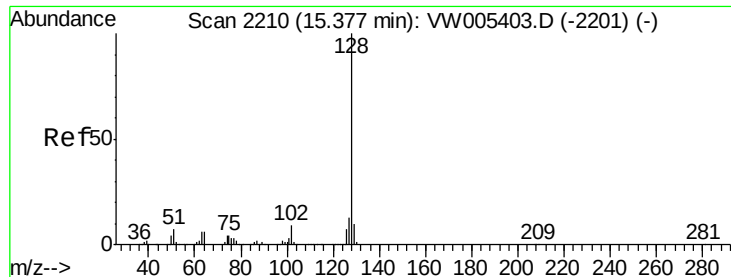
#94
 Hexachlorobutadiene
 Concen: 130.661 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005406.D
 Acq: 15 Sep 2018 01:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.2	93.6
227	63.5	31.6	95.0



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

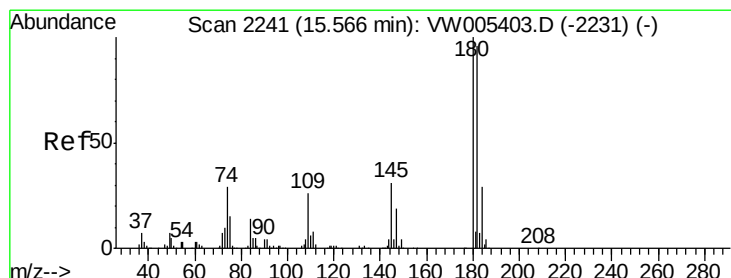
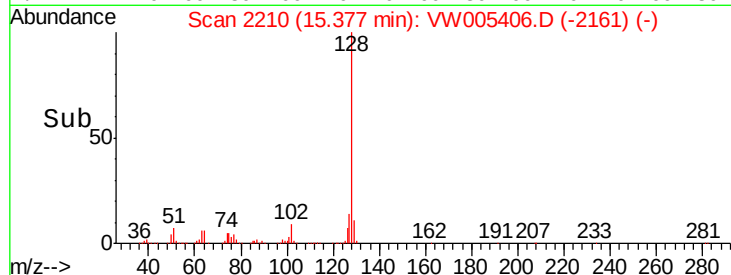
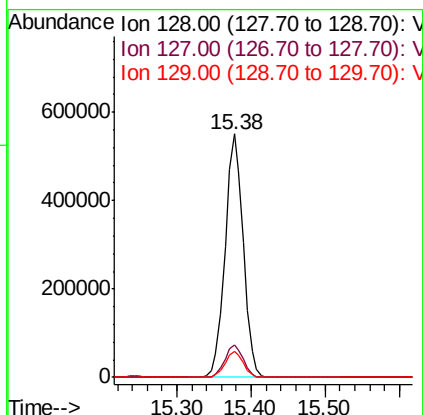
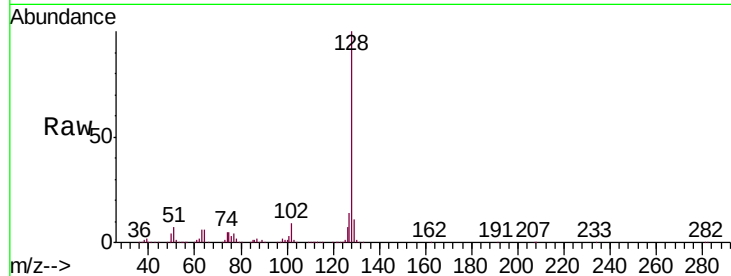




#95
Naphthalene
Concen: 156.233 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 930813
Ion Ratio Lower Upper
128 100
127 13.5 11.0 16.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 140.610 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005406.D
Acq: 15 Sep 2018 01:22

Tgt Ion:180 Resp: 444442
Ion Ratio Lower Upper
180 100
182 95.1 48.1 144.4
145 32.1 15.9 47.7

