

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101518\
 Data File : VW006068.D
 Acq On : 15 Oct 2018 19:38
 Operator : VA/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 16 04:25:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 04:19:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	304246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	445490	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	413866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	225399	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	388452	134.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	268.90%	
35) Dibromofluoromethane	7.88	113	395152	140.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	281.32%	
50) Toluene-d8	10.33	98	1511870	140.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	280.70%	
62) 4-Bromofluorobenzene	12.62	95	567697	138.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	277.24%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	252351	167.948	ug/l	99
3) Chloromethane	2.22	50	309004	172.649	ug/l	100
4) Vinyl Chloride	2.37	62	414869	149.448	ug/l	100
5) Bromomethane	2.79	94	386944	173.874	ug/l	99
6) Chloroethane	2.92	64	313789	174.032	ug/l	98
7) Trichlorofluoromethane	3.26	101	418249	184.819	ug/l	98
8) Diethyl Ether	3.68	74	194597	141.262	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	393884	142.249	ug/l	99
10) Methyl Iodide	4.27	142	688931	151.563	ug/l	100
11) Tert butyl alcohol	5.23	59	127594	610.884	ug/l	100
12) 1,1-Dichloroethene	4.03	96	376905	142.480	ug/l	94
13) Acrolein	3.90	56	113189	596.399	ug/l	98
14) Allyl chloride	4.67	41	553827	125.131	ug/l	99
15) Acrylonitrile	5.38	53	384511	667.955	ug/l	99
16) Acetone	4.15	43	347808	614.961	ug/l	99
17) Carbon Disulfide	4.37	76	1166359	145.888	ug/l	100
18) Methyl Acetate	4.68	43	197451	136.274	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	584601	142.215	ug/l	96
20) Methylene Chloride	4.91	84	393568	134.095	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	424783	146.897	ug/l	98
22) Diisopropyl ether	6.31	45	1122103	134.829	ug/l	98
23) Vinyl Acetate	6.26	43	3394846	667.911	ug/l	100
24) 1,1-Dichloroethane	6.22	63	705446	137.426	ug/l	99
25) 2-Butanone	7.18	43	512382	633.242	ug/l	100
26) 2,2-Dichloropropane	7.17	77	451857	125.848	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	475672	145.739	ug/l	99
28) Bromochloromethane	7.51	49	298351	153.537	ug/l	99
29) Tetrahydrofuran	7.54	42	328536	641.835	ug/l	99
30) Chloroform	7.68	83	774390	145.901	ug/l	98
31) Cyclohexane	7.96	56	633192	125.009	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	688422	145.402	ug/l	100
36) 1,1-Dichloropropene	8.09	75	588996	139.774	ug/l	99
37) Ethyl Acetate	7.26	43	236628	135.089	ug/l	99
38) Carbon Tetrachloride	8.07	117	670485	147.613	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	788851	142.132	ug/l	98
40) Benzene	8.33	78	1660840	143.943	ug/l	100
41) Methacrylonitrile	7.49	41	151719	137.319	ug/l	98
42) 1,2-Dichloroethane	8.40	62	501877	144.025	ug/l	100
43) Isopropyl Acetate	8.43	43	498095	136.540	ug/l	98
44) Trichloroethene	9.10	130	506704	150.434	ug/l	98
45) 1,2-Dichloropropane	9.37	63	399682	139.023	ug/l	98
46) Dibromomethane	9.46	93	235641	148.218	ug/l	99
47) Bromodichloromethane	9.65	83	582104	146.034	ug/l	100
48) Methyl methacrylate	9.44	41	240023	137.749	ug/l	99
49) 1,4-Dioxane	9.48	88	72628	2991.949	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	1227782	687.938	ug/l	99
52) Toluene	10.39	92	1142445	150.133	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	605286	146.536	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	673265	144.429	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	333252	150.916	ug/l	98
56) Ethyl methacrylate	10.65	69	431621	147.109	ug/l	98
57) 1,3-Dichloropropane	10.94	76	543477	146.813	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	760103	642.175	ug/l	99
59) 2-Hexanone	10.98	43	865085	679.683	ug/l	99
60) Dibromochloromethane	11.13	129	439675	154.910	ug/l	100
61) 1,2-Dibromoethane	11.24	107	335992	152.141	ug/l	99
64) Tetrachloroethene	10.87	164	474858	154.330	ug/l	99
65) Chlorobenzene	11.66	112	1293465	147.311	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	491233	152.595	ug/l	99
67) Ethyl Benzene	11.74	91	2212747	143.174	ug/l	99
68) m/p-Xylenes	11.85	106	1773994	292.857	ug/l	98
69) o-Xylene	12.17	106	857207	147.682	ug/l	98
70) Styrene	12.19	104	1421231	147.869	ug/l	100
71) Bromoform	12.35	173	292723	153.702	ug/l #	100
73) Isopropylbenzene	12.47	105	2384680	146.753	ug/l	99
74) N-amyl acetate	12.28	43	501482	133.236	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	378508	143.002	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	505116	260.057	ug/l #	100
77) Bromobenzene	12.75	156	585617	151.242	ug/l	99
78) n-propylbenzene	12.81	91	2689526	140.822	ug/l	100
79) 2-Chlorotoluene	12.90	91	1532646	141.984	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1974334	143.717	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	124754	136.375	ug/l	97
82) 4-Chlorotoluene	12.99	91	1604032	141.809	ug/l	99
83) tert-Butylbenzene	13.21	119	1776702	145.585	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1985880	143.456	ug/l	100
85) sec-Butylbenzene	13.39	105	2454359	143.160	ug/l	100
86) p-Isopropyltoluene	13.51	119	2224218	144.050	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	1137588	148.068	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	1113743	145.897	ug/l	100
89) n-Butylbenzene	13.83	91	1994333	137.902	ug/l	99
90) Hexachloroethane	14.10	117	403477	140.461	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	1019657	149.212	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	68412	139.717	ug/l	97

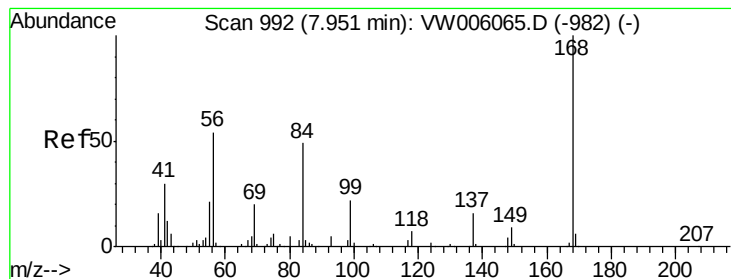
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101518\
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Instrument :
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	770618	146.469	ug/l	100
94) Hexachlorobutadiene	15.24	225	480983	146.383	ug/l	100
95) Naphthalene	15.38	128	1359518	150.373	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	686173	150.565	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

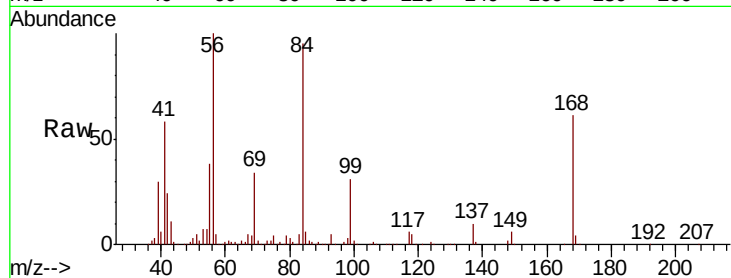
VSTDIC150

Tgt Ion:168 Resp: 304246

Ion Ratio Lower Upper

168 100

99 50.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

200000

150000

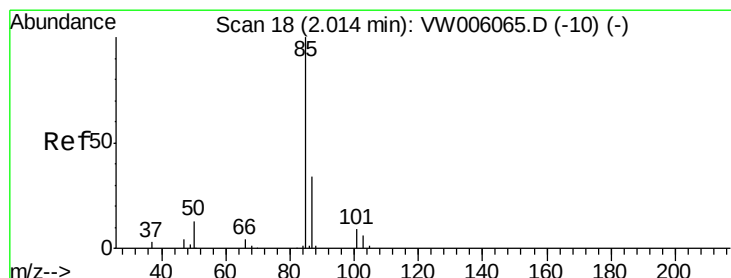
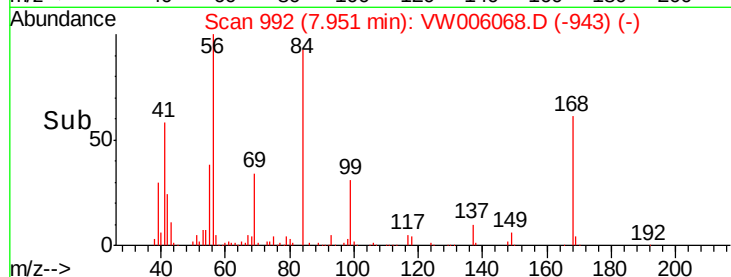
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 167.948 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW006068.D

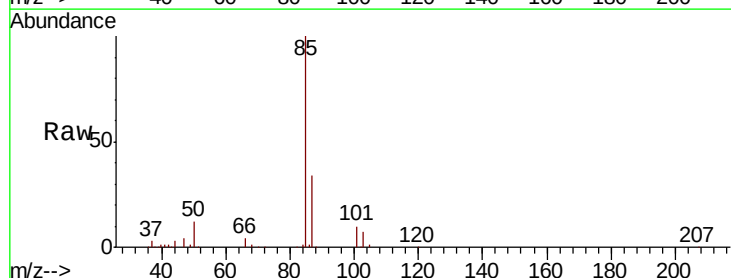
Acq: 15 Oct 2018 19:38

Tgt Ion: 85 Resp: 252351

Ion Ratio Lower Upper

85 100

87 34.2 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

60000

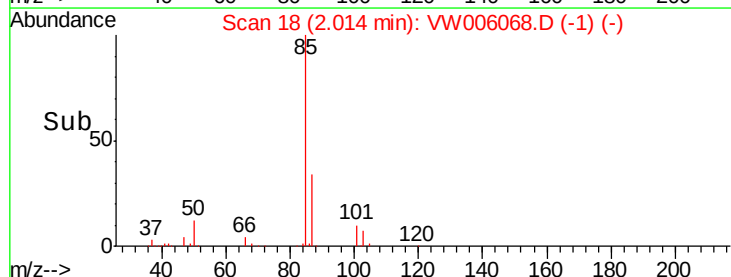
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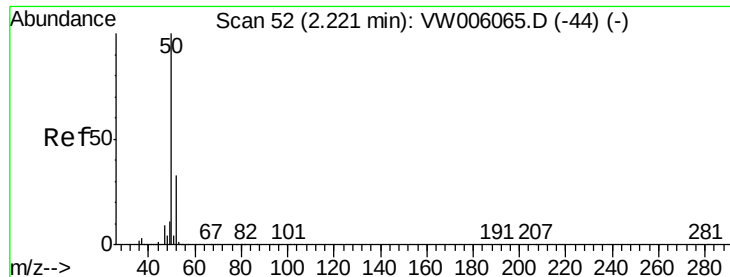
20000

0

1.80 2.00 2.20

Time-->

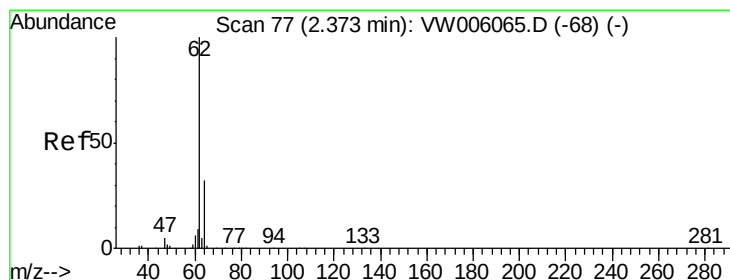
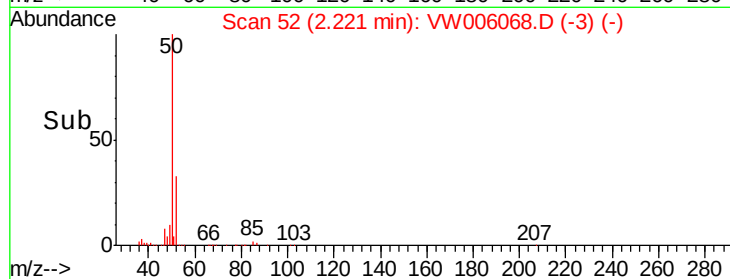
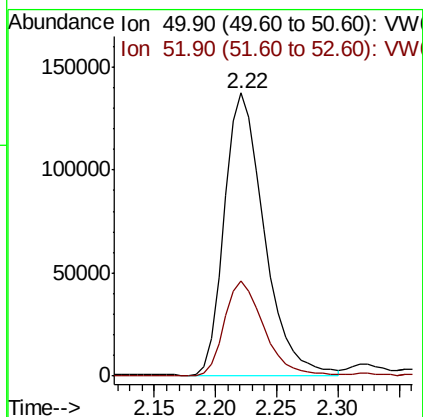
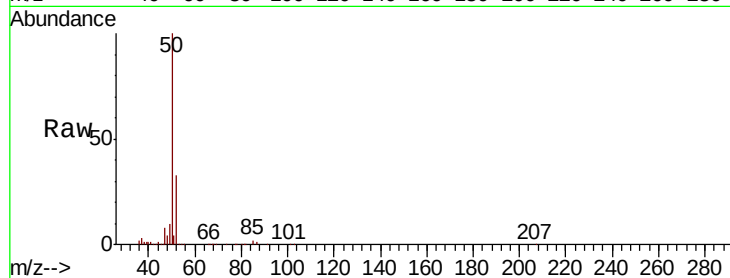




#3
Chloromethane
Concen: 172.649 ug/l
RT: 2.22 min Scan# 52
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

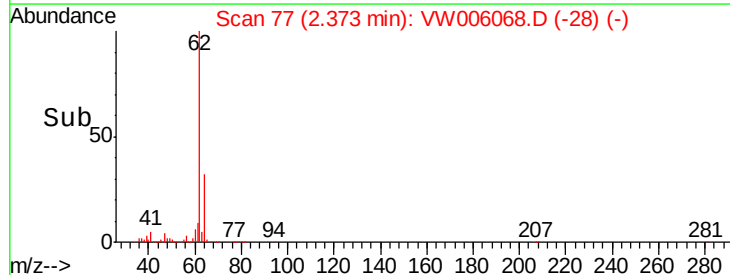
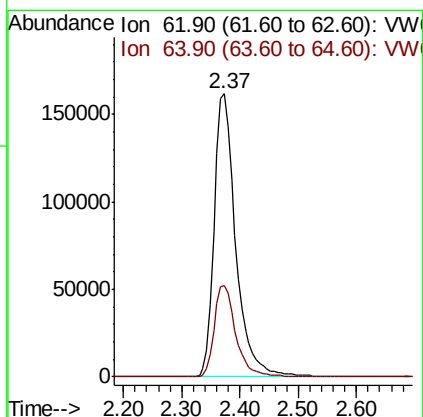
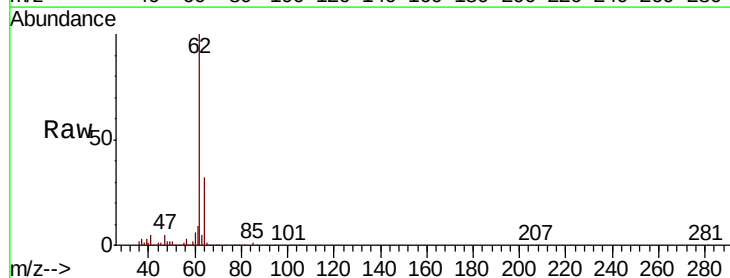
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

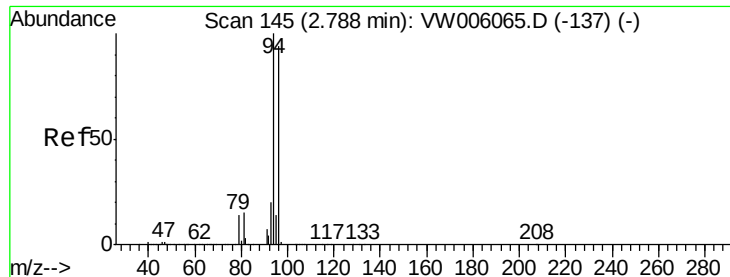
Tgt Ion: 50 Resp: 309004
Ion Ratio Lower Upper
50 100
52 33.6 26.8 40.2



#4
Vinyl Chloride
Concen: 149.448 ug/l
RT: 2.37 min Scan# 77
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Tgt Ion: 62 Resp: 414869
Ion Ratio Lower Upper
62 100
64 32.2 25.9 38.9





#5

Bromomethane

Concen: 173.874 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

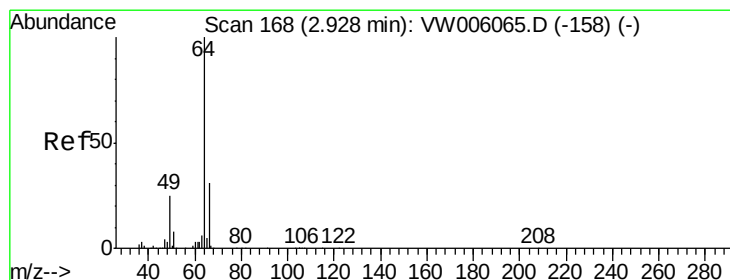
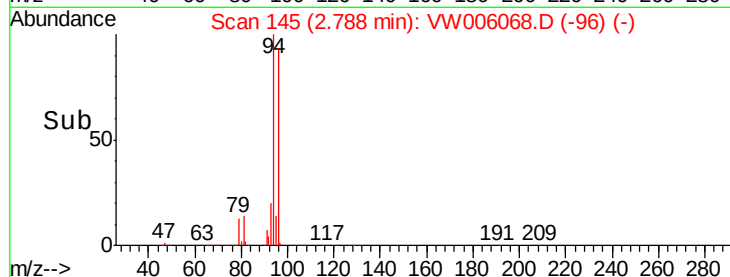
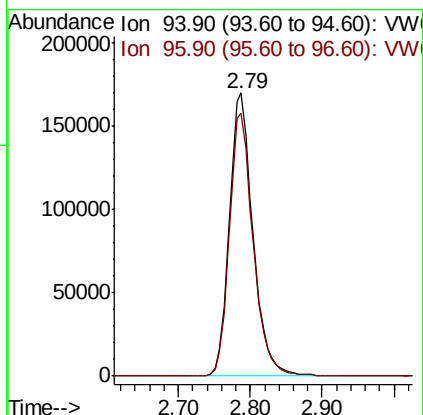
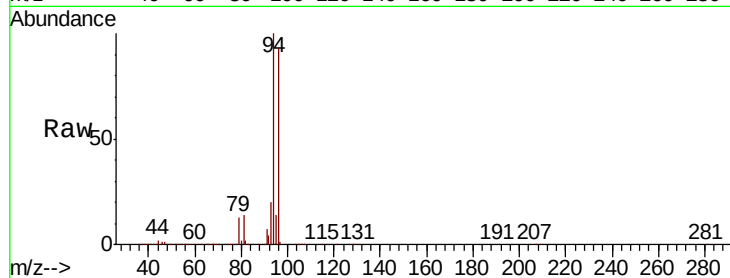
VSTDIC150

Tgt Ion: 94 Resp: 386944

Ion Ratio Lower Upper

94 100

96 92.7 74.9 112.3



#6

Chloroethane

Concen: 174.032 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW006068.D

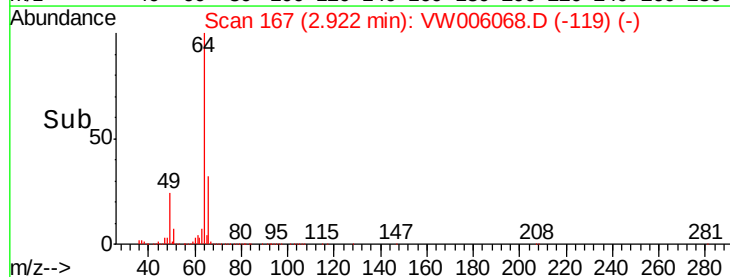
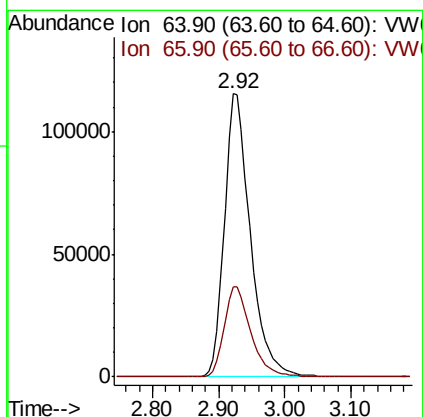
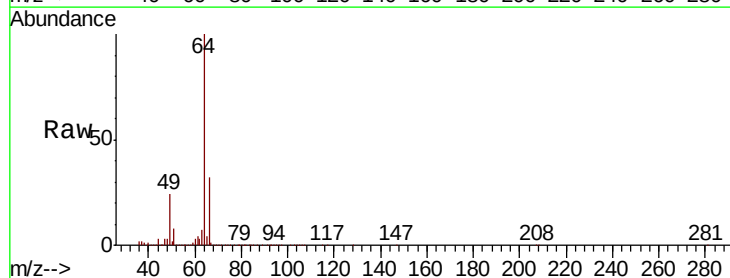
Acq: 15 Oct 2018 19:38

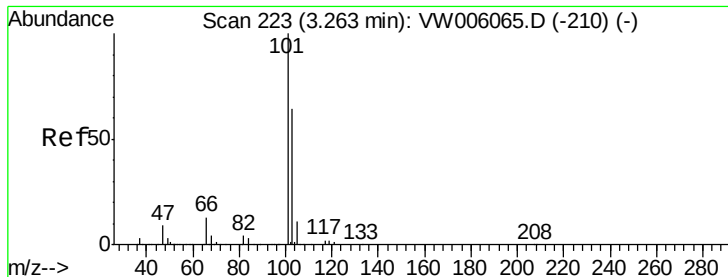
Tgt Ion: 64 Resp: 313789

Ion Ratio Lower Upper

64 100

66 32.0 24.9 37.3



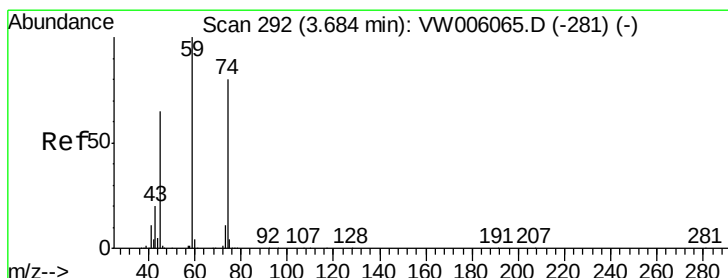
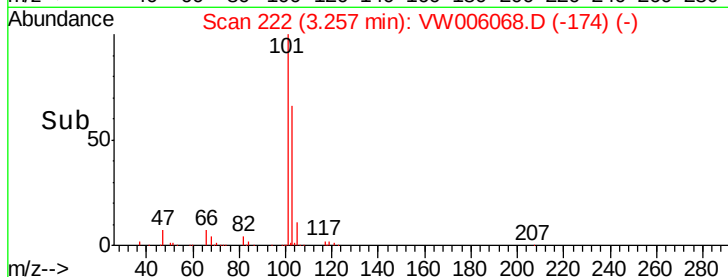
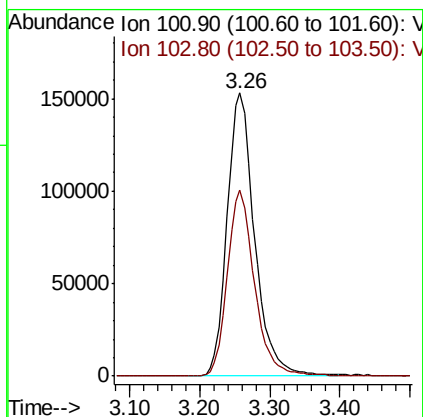
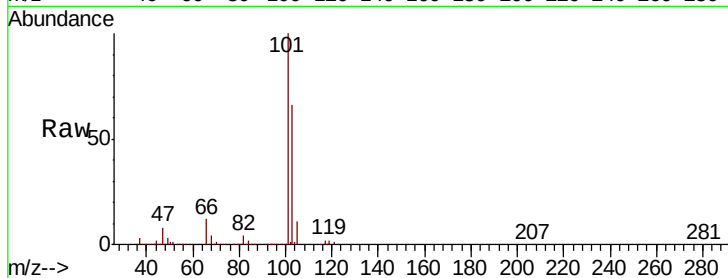


#7

Trichlorofluoromethane
 Concen: 184.819 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006068.D
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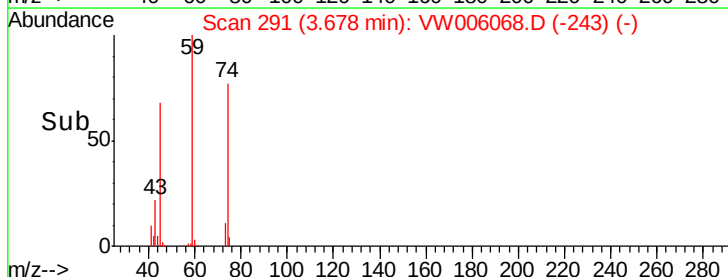
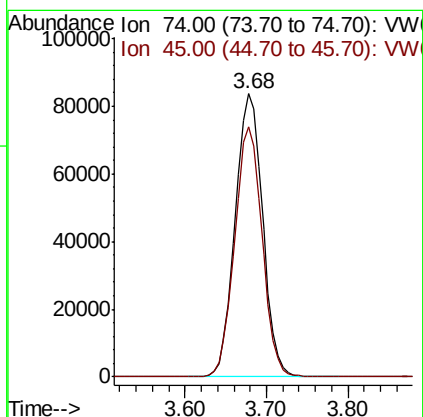
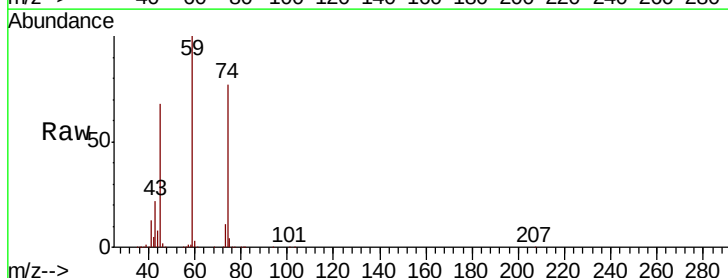
Tgt Ion: 101 Resp: 418249
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.2 76.8

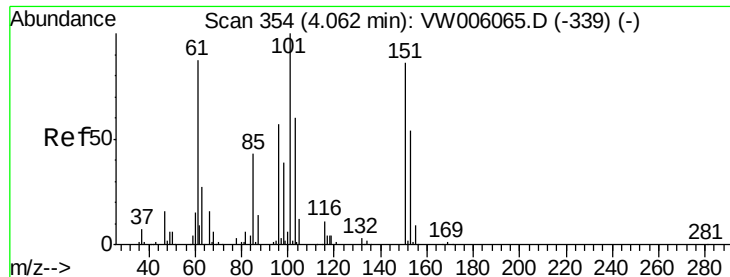


#8

Diethyl Ether
 Concen: 141.262 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Tgt Ion: 74 Resp: 194597
 Ion Ratio Lower Upper
 74 100
 45 87.6 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 142.249 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

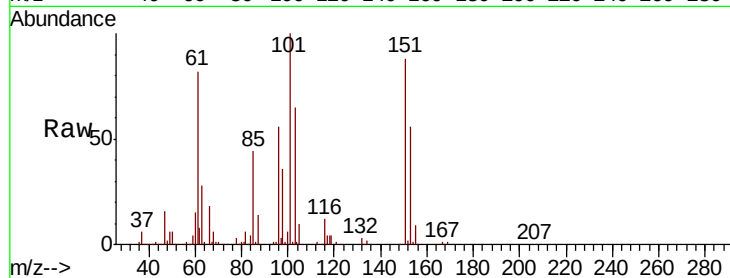
Tgt Ion:101 Resp: 393884

Ion Ratio Lower Upper

101 100

85 43.6 34.9 52.3

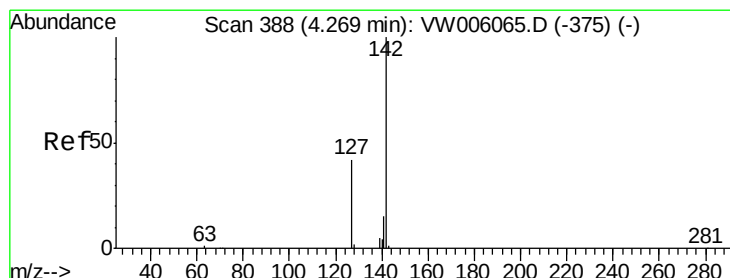
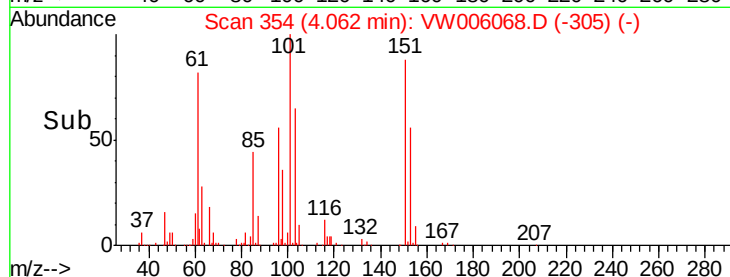
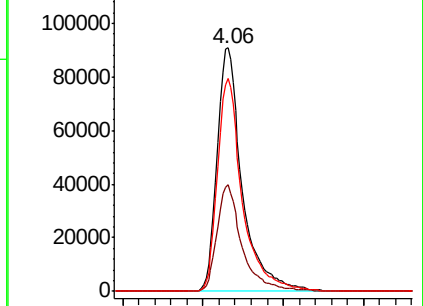
151 87.1 70.4 105.6



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: 151.563 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

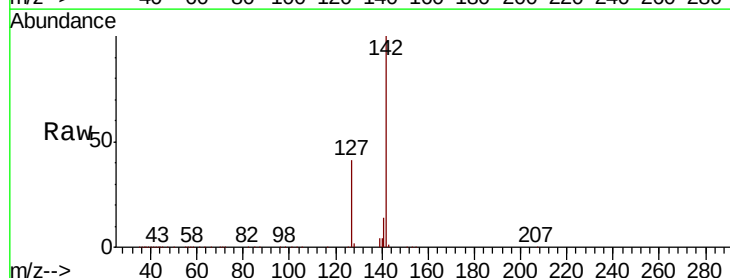
Tgt Ion:142 Resp: 688931

Ion Ratio Lower Upper

142 100

127 42.0 33.6 50.4

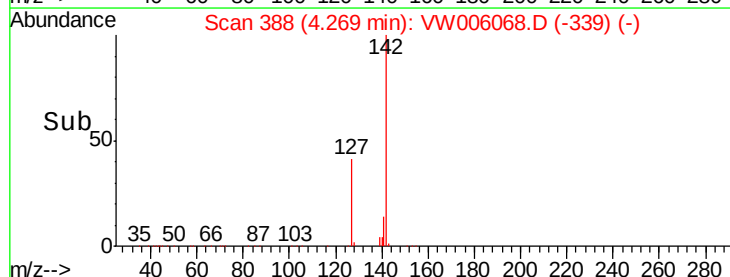
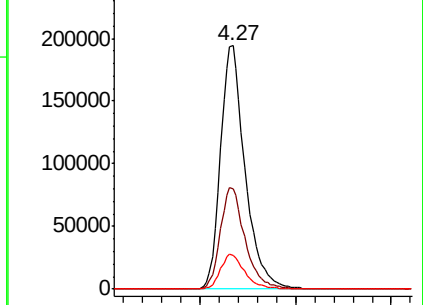
141 14.3 11.6 17.4

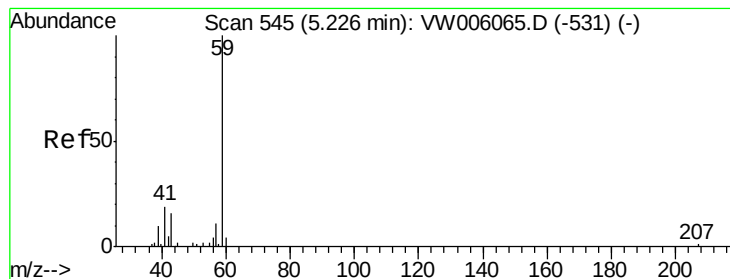


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



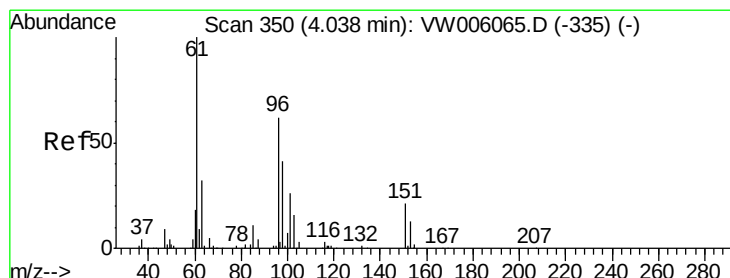
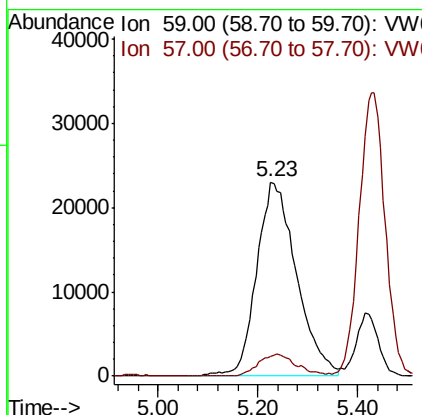
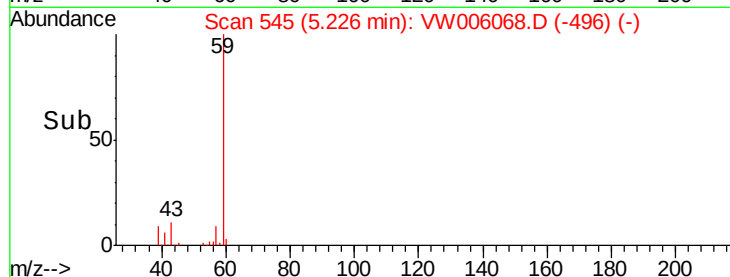
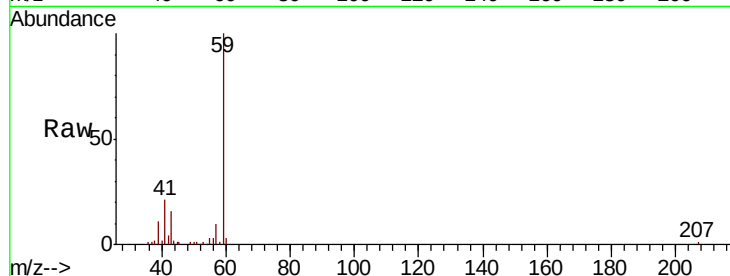


#11

Tert butyl alcohol
Concen: 610.884 ug/l
RT: 5.23 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

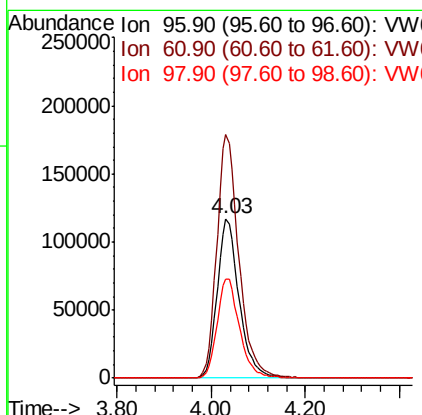
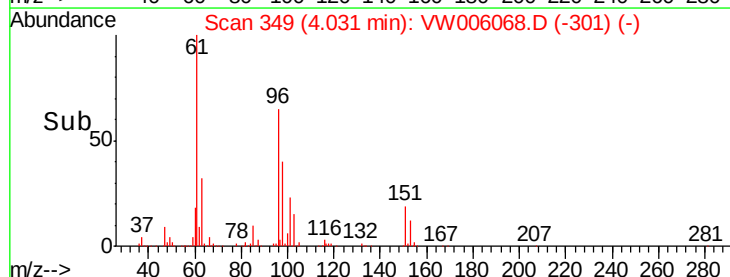
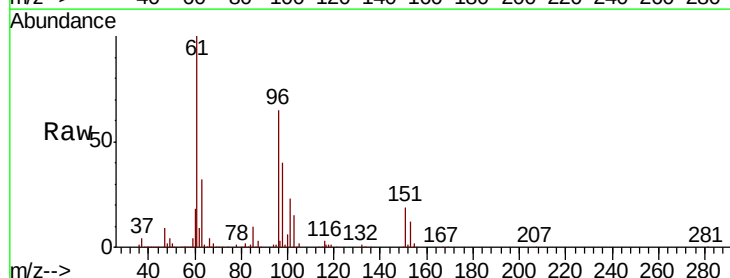
Tgt Ion: 59 Resp: 127594
Ion Ratio Lower Upper
59 100
57 10.8 8.7 13.1

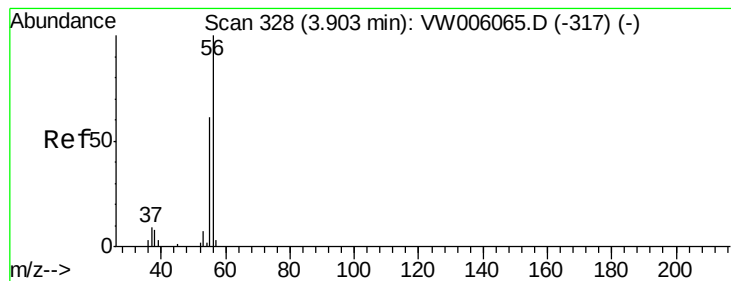


#12

1,1-Dichloroethene
Concen: 142.480 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Tgt Ion: 96 Resp: 376905
Ion Ratio Lower Upper
96 100
61 152.7 129.3 193.9
98 61.8 53.1 79.7





#13

Acrolein

Concen: 596.399 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

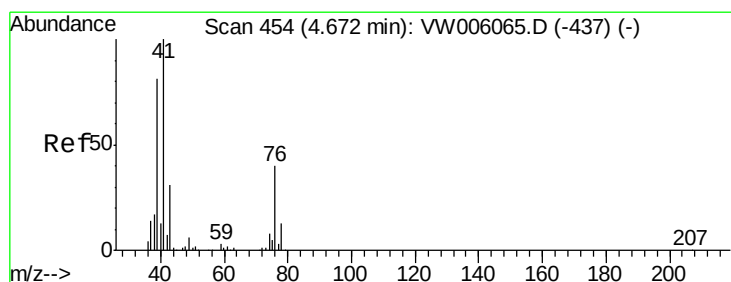
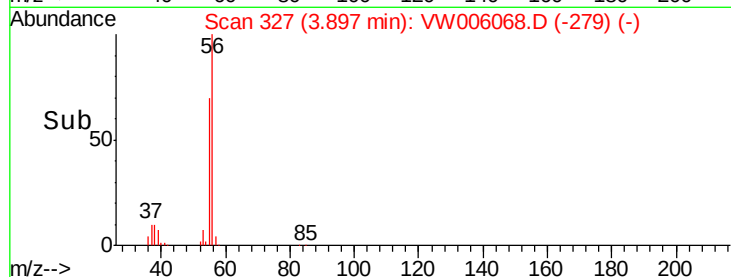
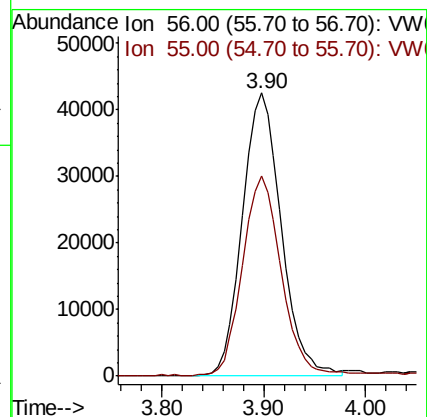
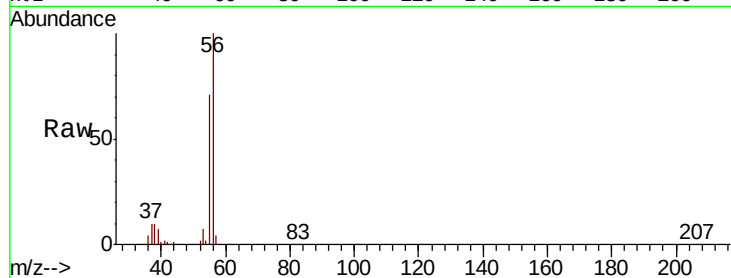
VSTDIC150

Tgt Ion: 56 Resp: 113189

Ion Ratio Lower Upper

56 100

55 70.0 54.5 81.7



#14

Allyl chloride

Concen: 125.131 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

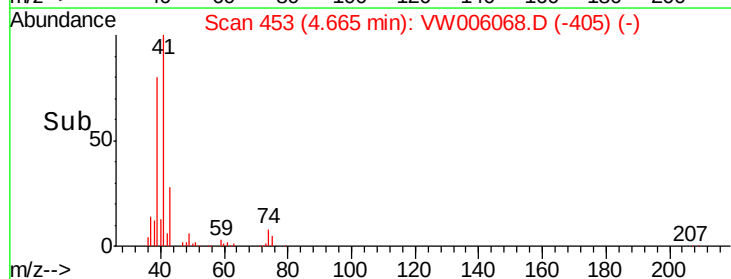
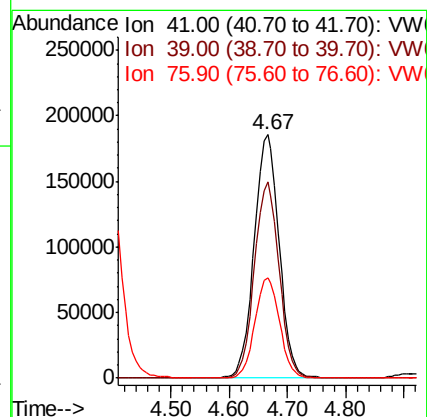
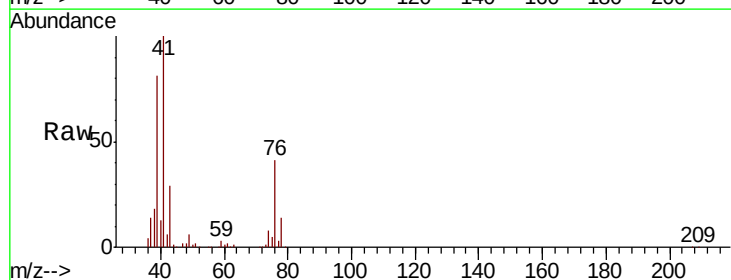
Tgt Ion: 41 Resp: 553827

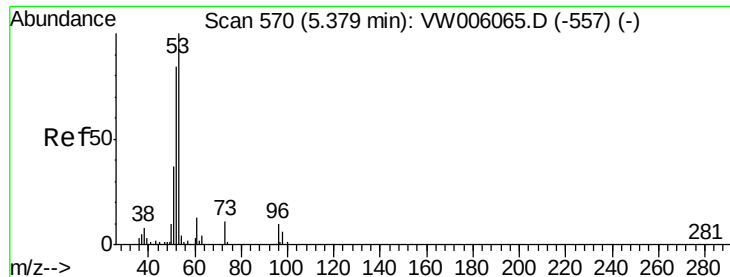
Ion Ratio Lower Upper

41 100

39 79.3 64.1 96.1

76 40.2 32.2 48.4





#15

Acrylonitrile

Concen: 667.955 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

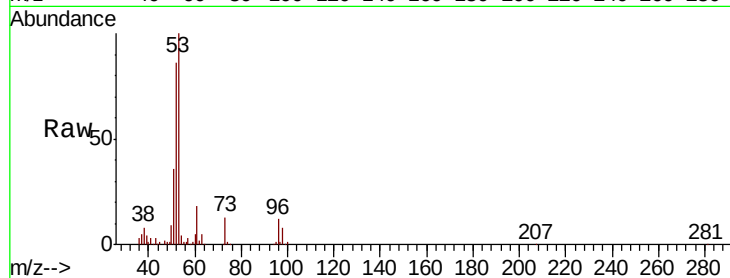
Tgt Ion: 53 Resp: 384511

Ion Ratio Lower Upper

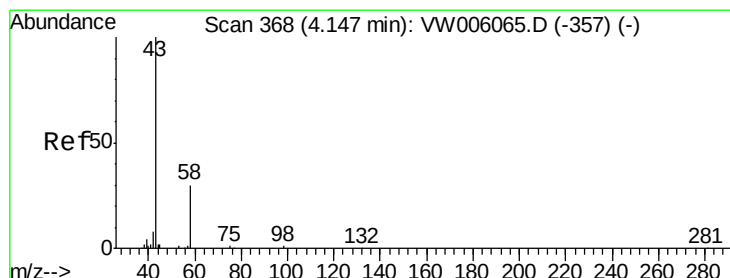
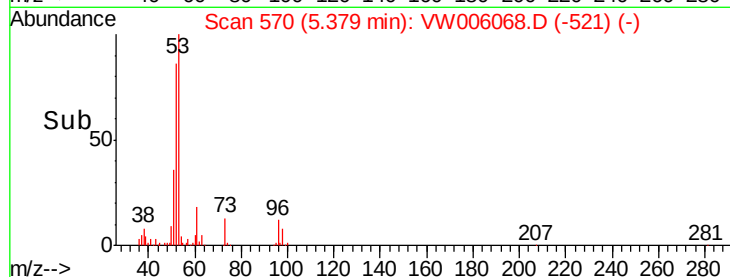
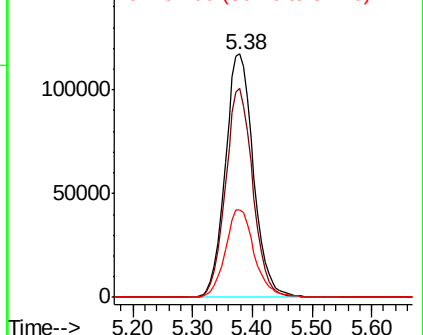
53 100

52 83.4 66.9 100.3

51 36.8 30.1 45.1



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



#16

Acetone

Concen: 614.961 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006068.D

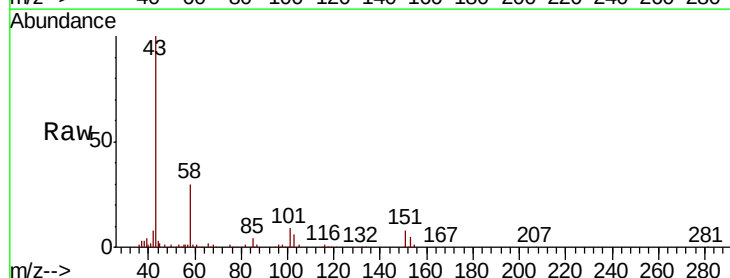
Acq: 15 Oct 2018 19:38

Tgt Ion: 43 Resp: 347808

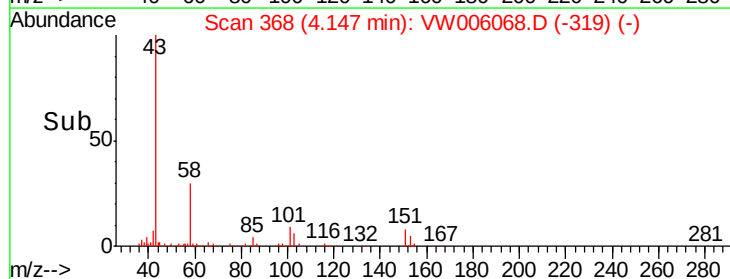
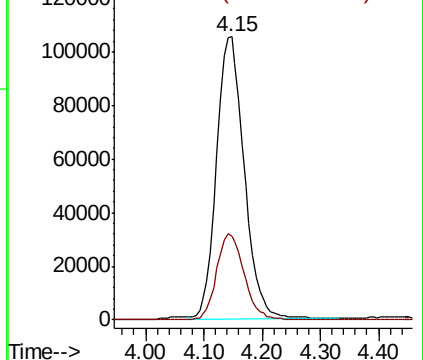
Ion Ratio Lower Upper

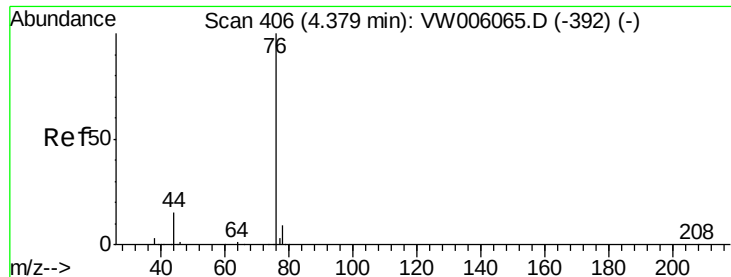
43 100

58 29.6 24.0 36.0



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





#17

Carbon Disulfide

Concen: 145.888 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

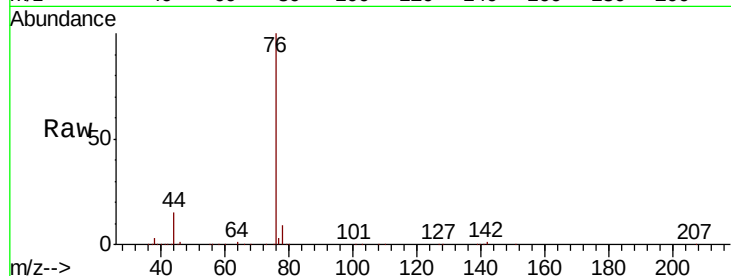
VSTDIC150

Tgt Ion: 76 Resp: 1166359

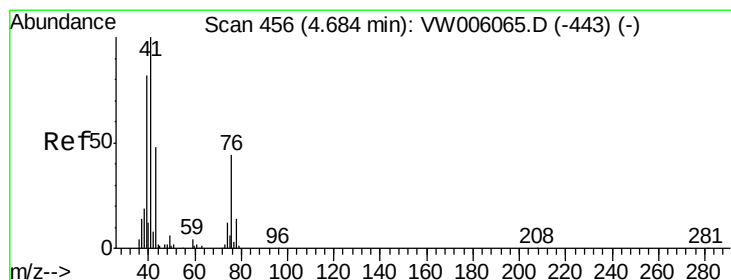
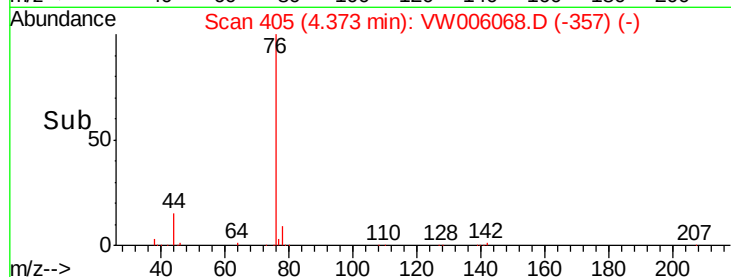
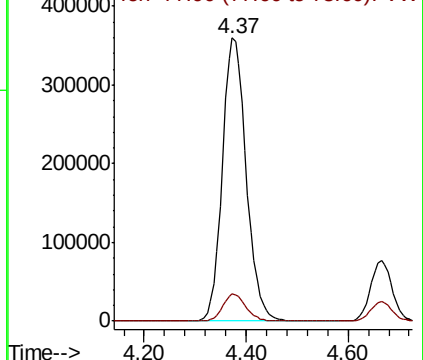
Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VW
Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 136.274 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006068.D

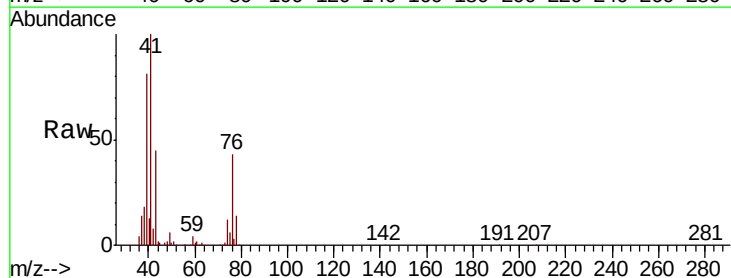
Acq: 15 Oct 2018 19:38

Tgt Ion: 43 Resp: 197451

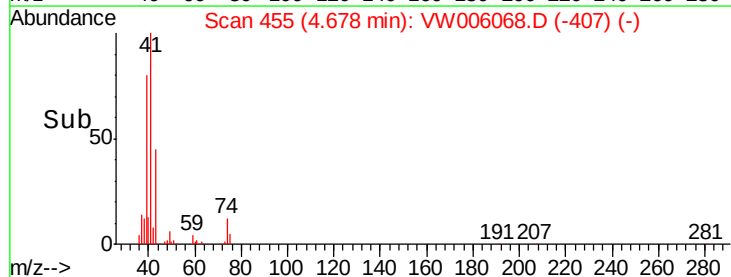
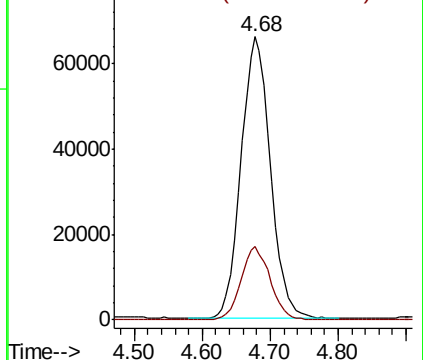
Ion Ratio Lower Upper

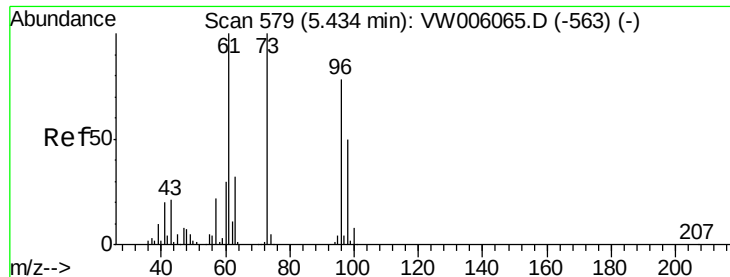
43 100

74 25.9 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 74.00 (73.70 to 74.70): VW

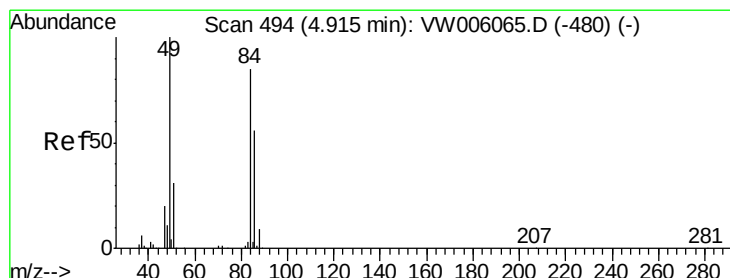
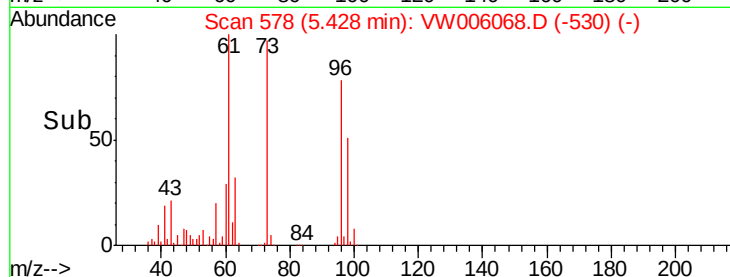
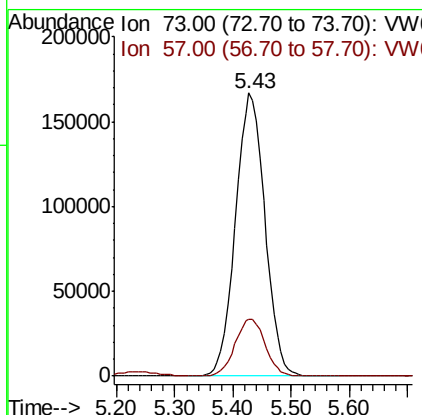
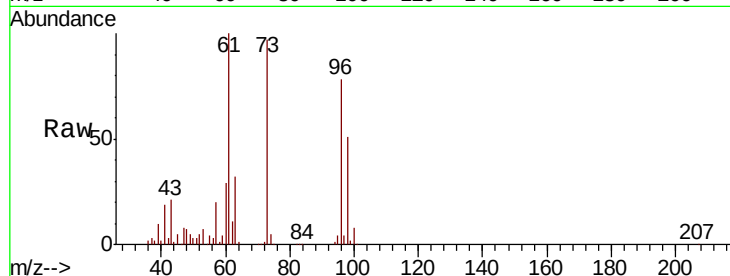




#19
Methyl tert-butyl Ether
Concen: 142.215 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

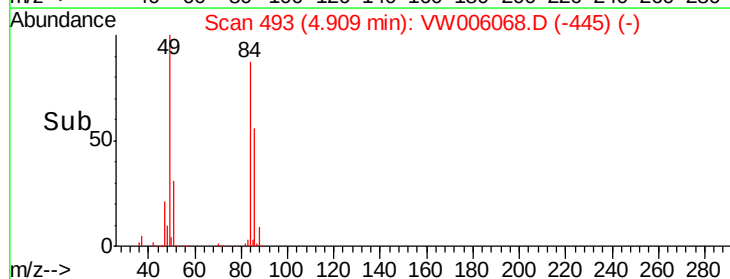
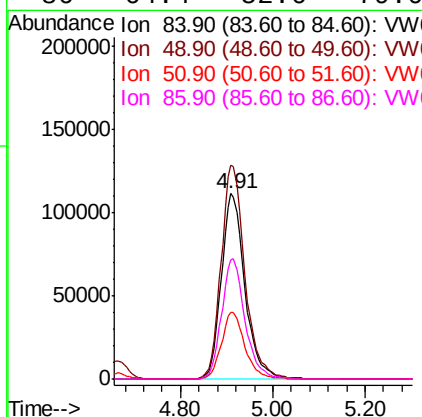
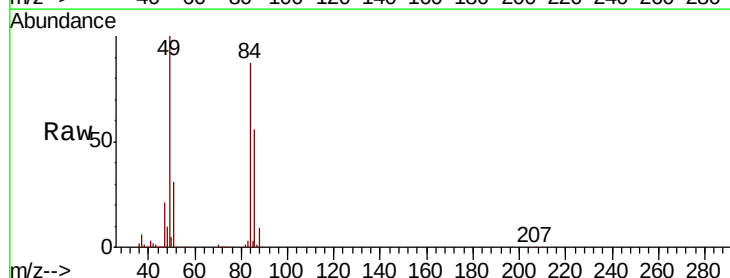
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

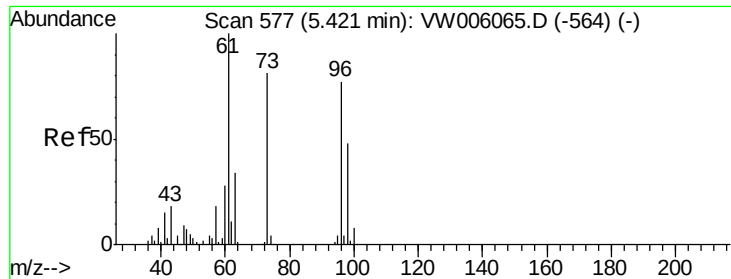
Tgt Ion: 73 Resp: 584601
Ion Ratio Lower Upper
73 100
57 20.1 17.4 26.2



#20
Methylene Chloride
Concen: 134.095 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Tgt Ion: 84 Resp: 393568
Ion Ratio Lower Upper
84 100
49 115.3 93.6 140.4
51 36.3 29.0 43.4
86 64.4 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 146.897 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

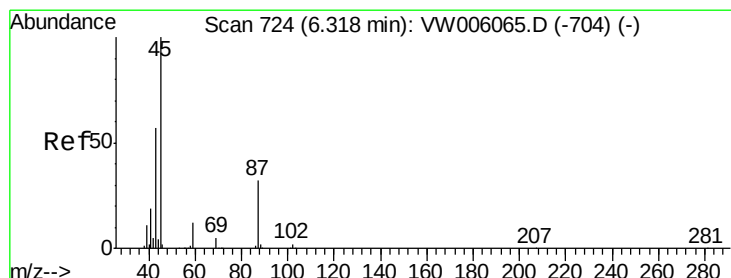
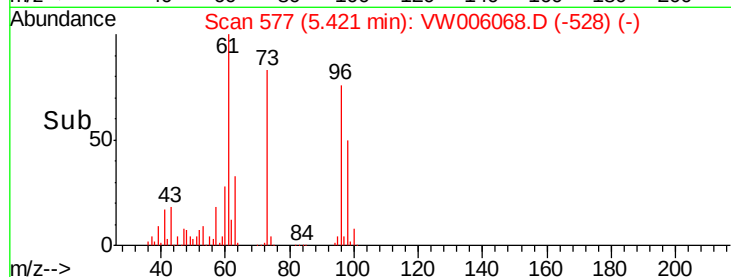
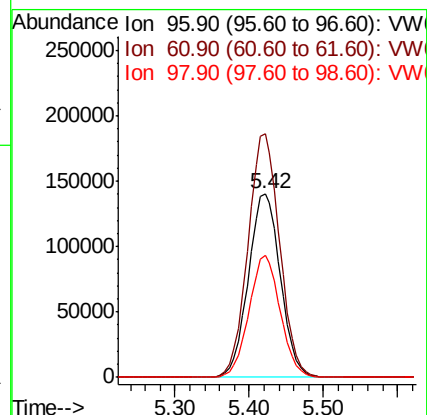
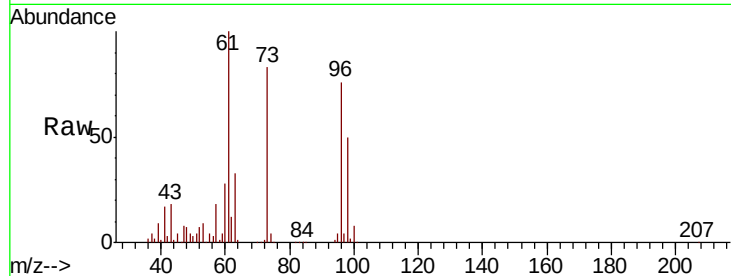
Tgt Ion: 96 Resp: 424783

Ion Ratio Lower Upper

96 100

61 132.3 104.5 156.7

98 66.0 50.6 75.8



#22

Diisopropyl ether

Concen: 134.829 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Tgt Ion: 45 Resp: 1122103

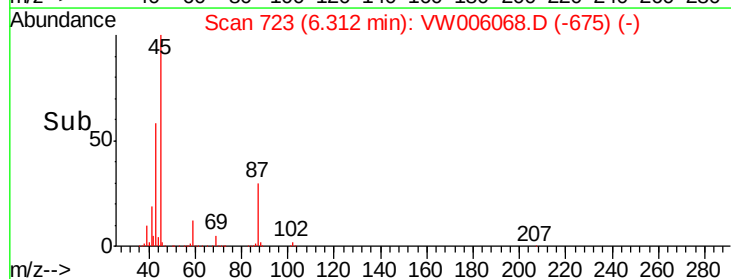
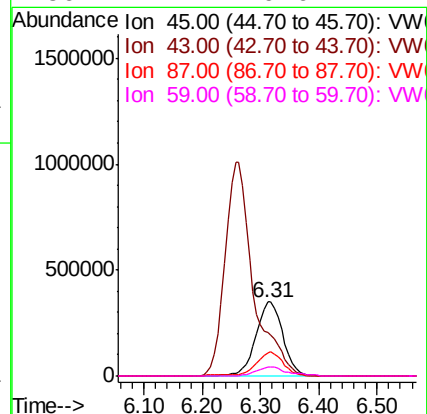
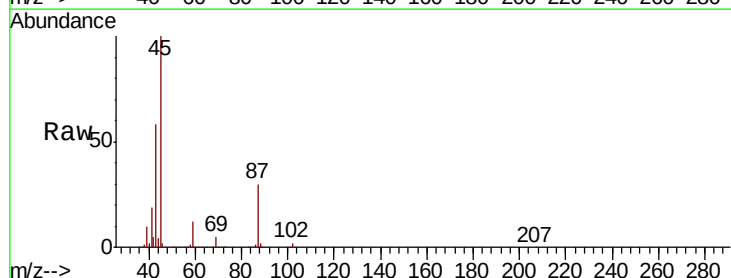
Ion Ratio Lower Upper

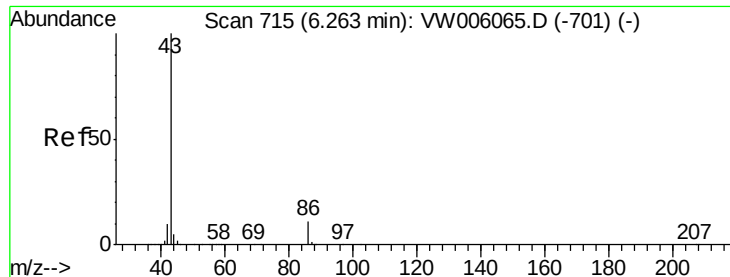
45 100

43 58.0 45.7 68.5

87 30.3 25.9 38.9

59 11.7 9.6 14.4





#23

Vinyl Acetate

Concen: 667.911 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

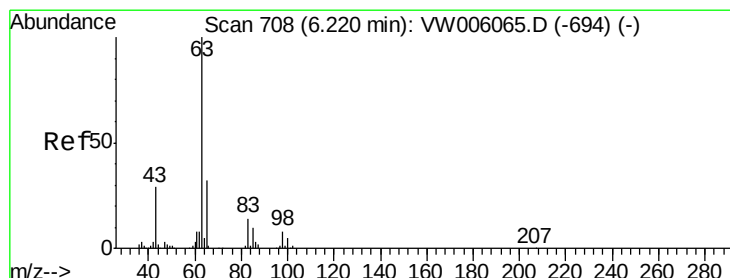
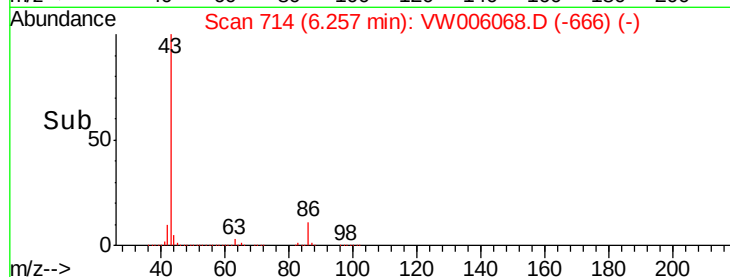
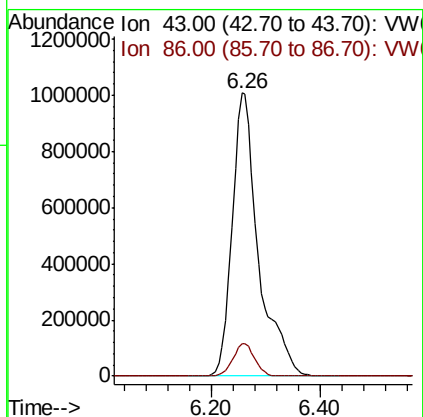
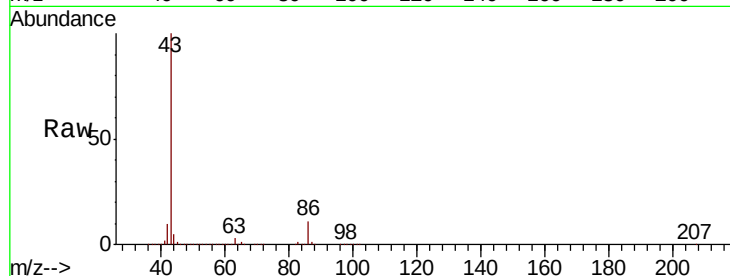
VSTDIC150

Tgt Ion: 43 Resp: 3394846

Ion Ratio Lower Upper

43 100

86 11.4 9.0 13.6



#24

1,1-Dichloroethane

Concen: 137.426 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

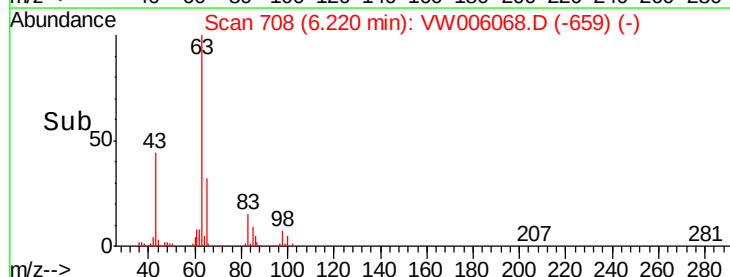
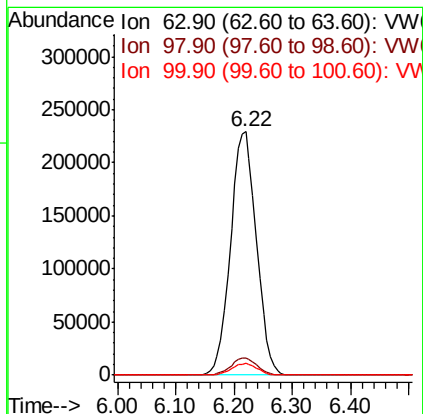
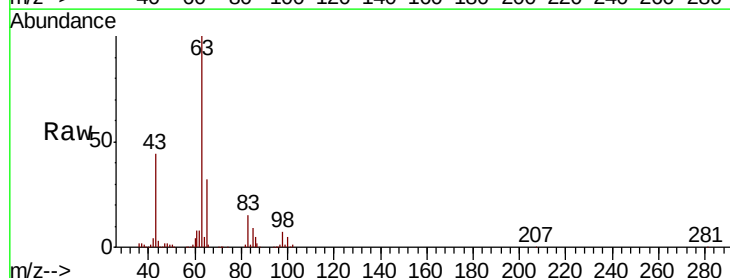
Tgt Ion: 63 Resp: 705446

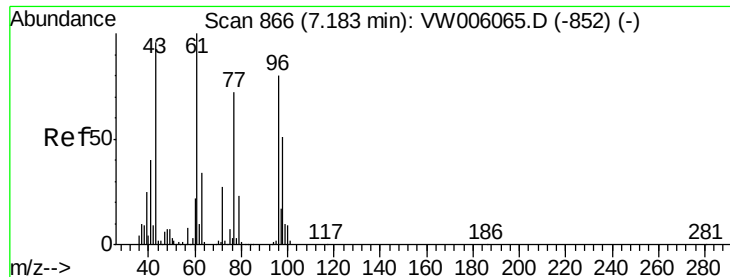
Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.2

100 4.8 2.5 7.5





#25

2-Butanone

Concen: 633.242 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

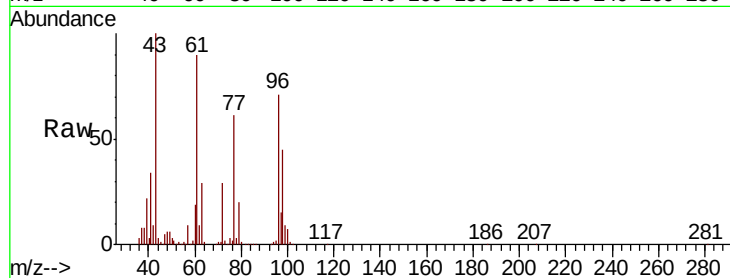
VSTDIC150

Tgt Ion: 43 Resp: 512382

Ion Ratio Lower Upper

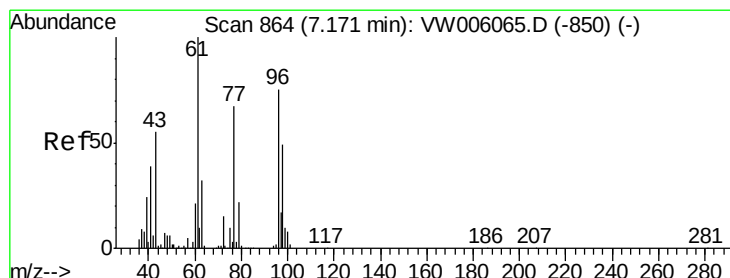
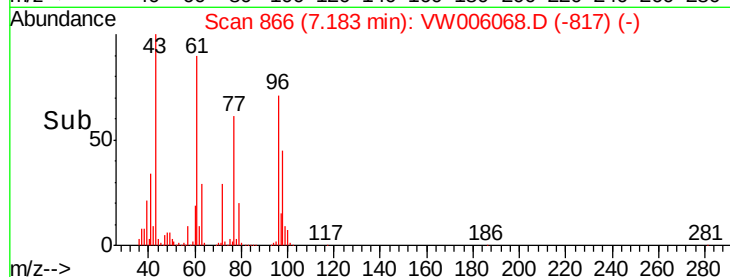
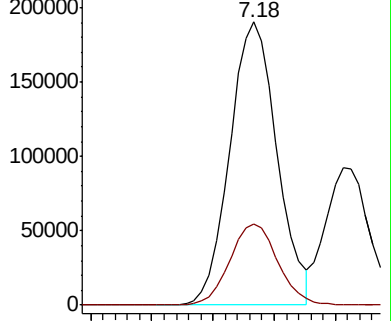
43 100

72 28.7 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 125.848 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006068.D

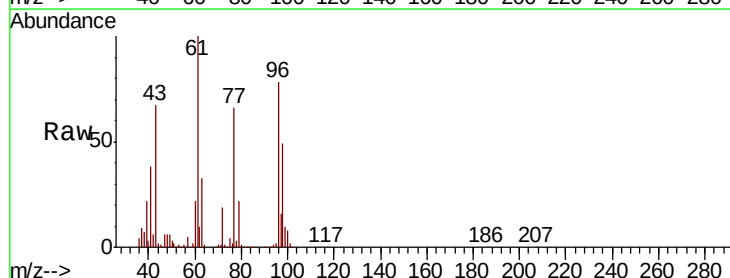
Acq: 15 Oct 2018 19:38

Tgt Ion: 77 Resp: 451857

Ion Ratio Lower Upper

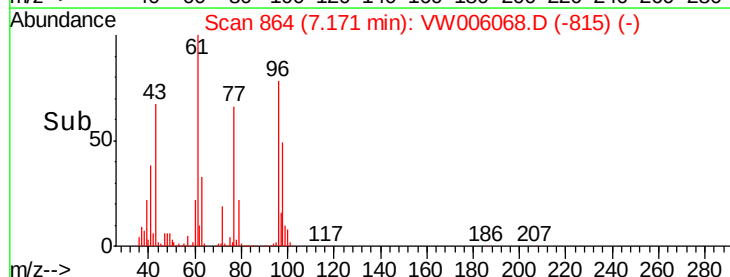
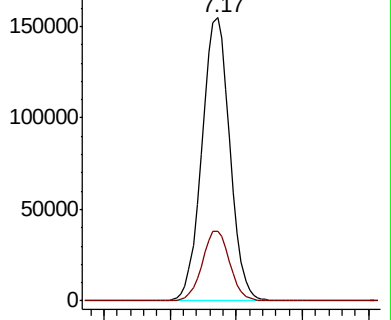
77 100

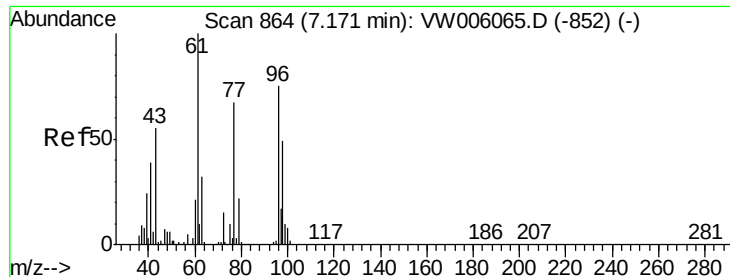
97 24.3 12.2 36.4



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



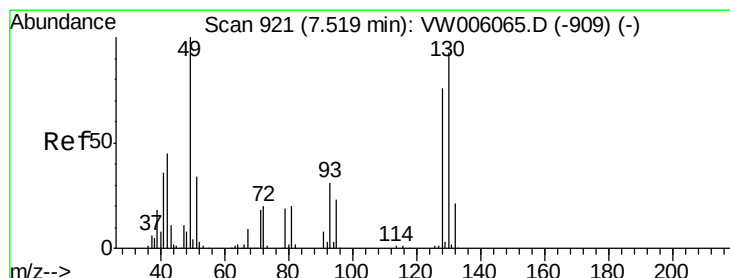
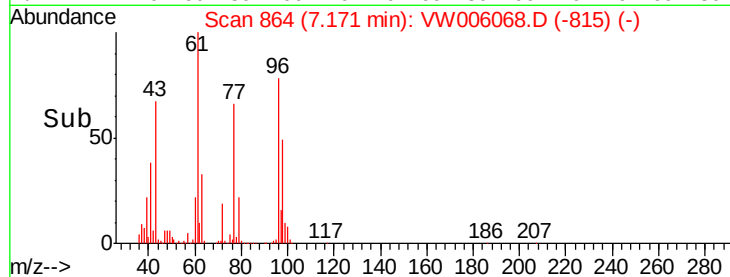
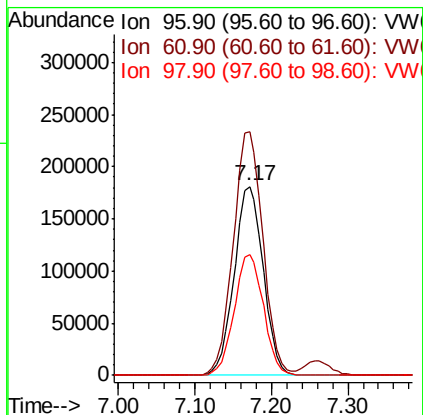
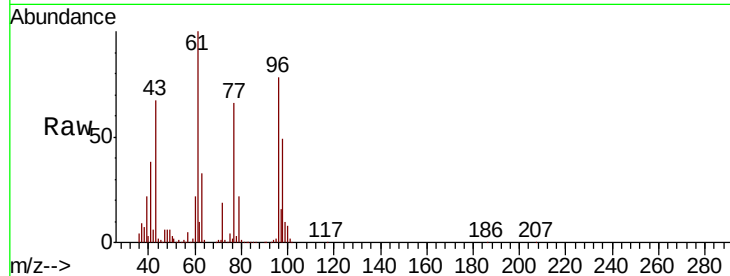


#27

cis-1,2-Dichloroethene
 Concen: 145.739 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

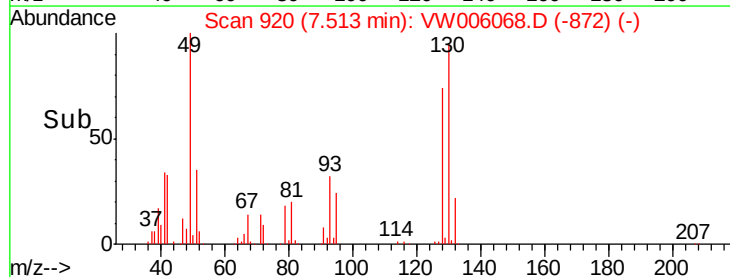
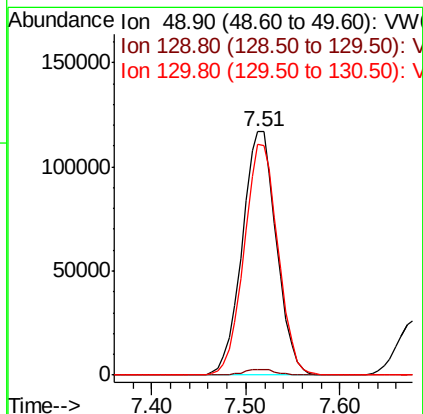
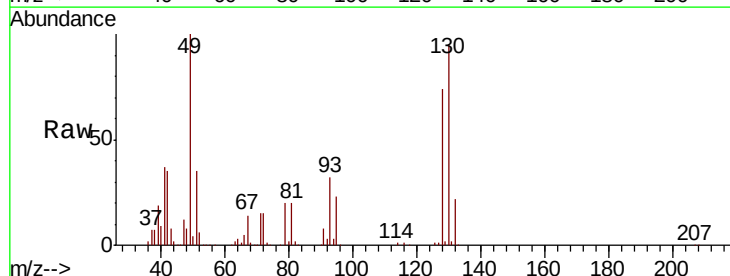
Tgt Ion: 96 Resp: 475672
 Ion Ratio Lower Upper
 96 100
 61 131.7 0.0 267.2
 98 64.4 0.0 128.6

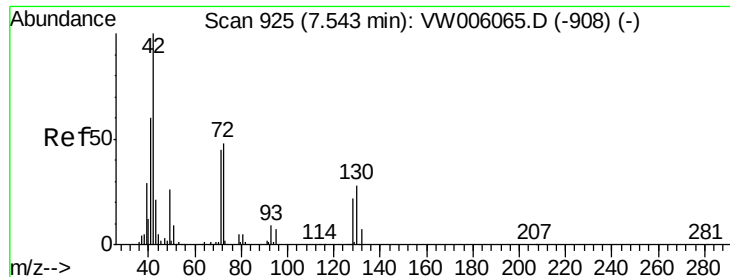


#28

Bromochloromethane
 Concen: 153.537 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Tgt Ion: 49 Resp: 298351
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.0
 130 93.7 73.8 110.8





#29

Tetrahydrofuran

Concen: 641.835 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

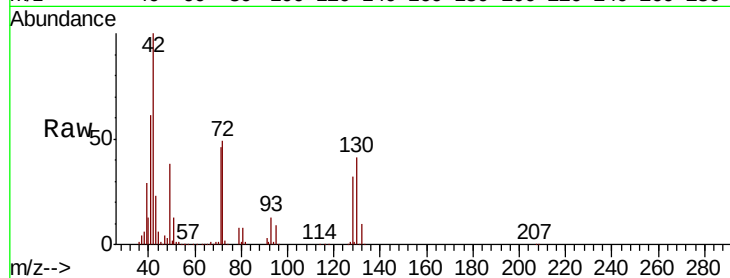
Tgt Ion: 42 Resp: 328536

Ion Ratio Lower Upper

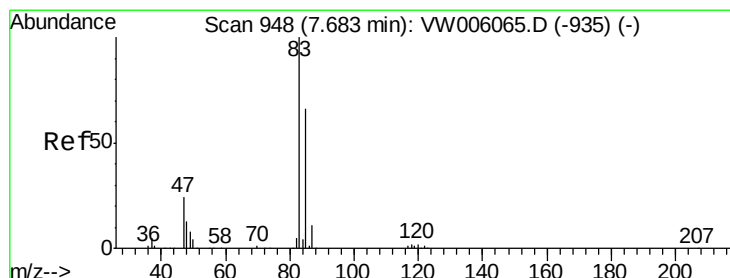
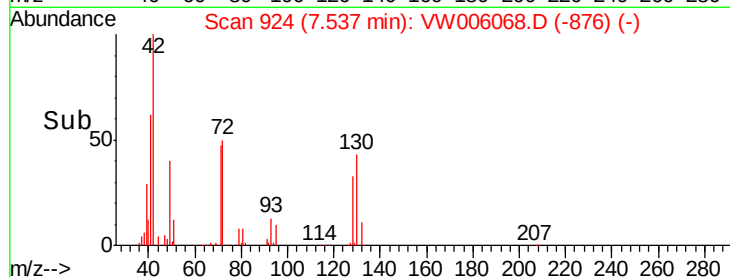
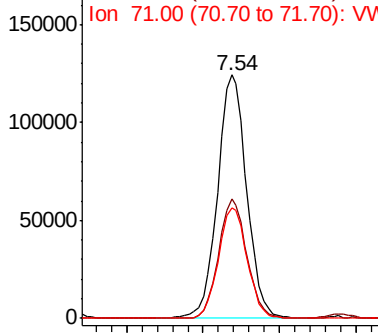
42 100

72 47.6 38.0 57.0

71 45.0 35.3 52.9



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 145.901 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.01 min

Lab File: VW006068.D

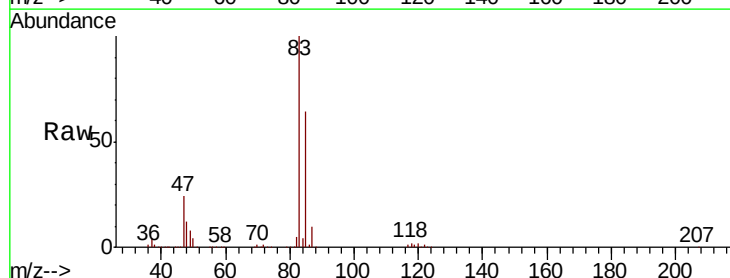
Acq: 15 Oct 2018 19:38

Tgt Ion: 83 Resp: 774390

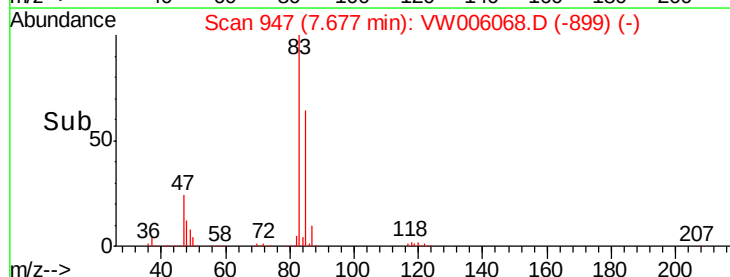
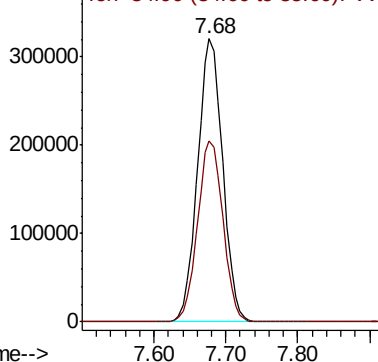
Ion Ratio Lower Upper

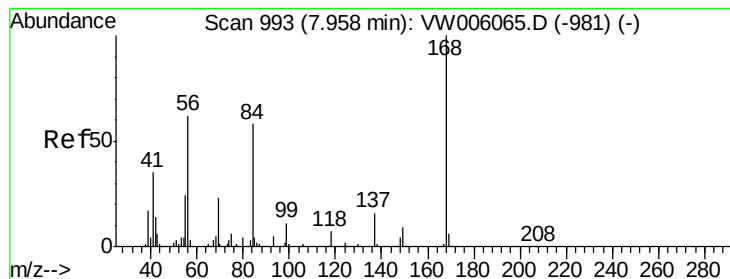
83 100

85 64.1 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 125.009 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

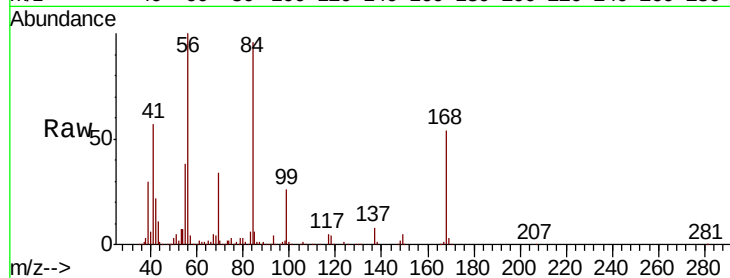
Tgt Ion: 56 Resp: 633192

Ion Ratio Lower Upper

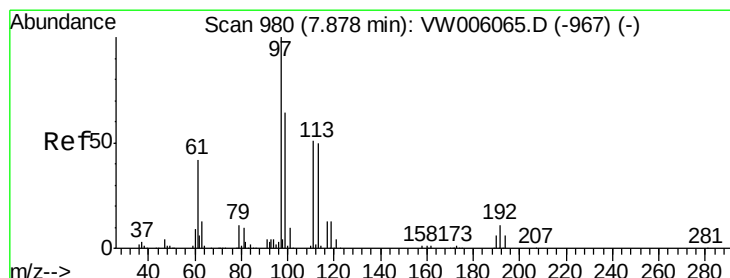
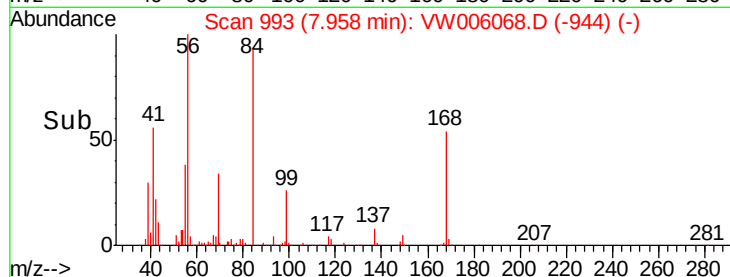
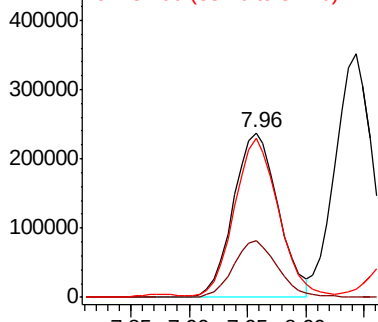
56 100

69 34.2 29.4 44.0

84 94.3 74.0 111.0



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



#32

1,1,1-Trichloroethane

Concen: 145.402 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

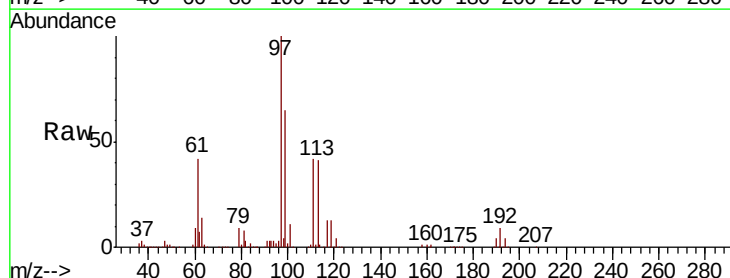
Tgt Ion: 97 Resp: 688422

Ion Ratio Lower Upper

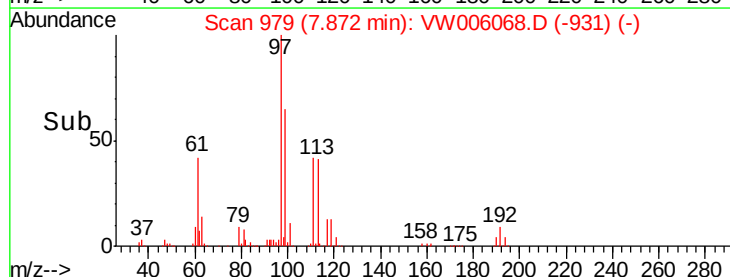
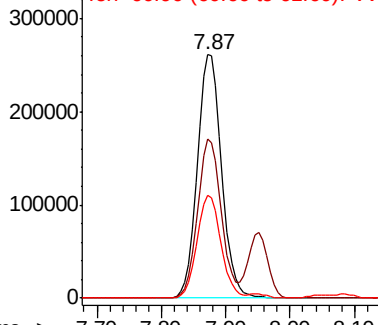
97 100

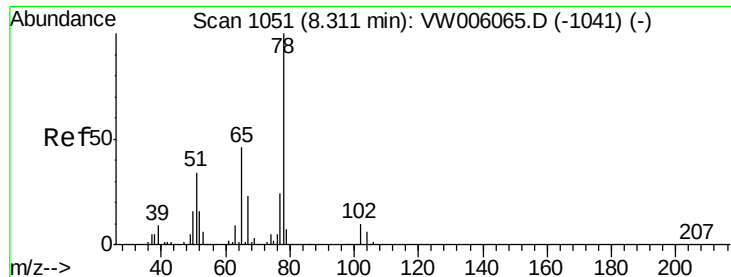
99 63.7 50.9 76.3

61 42.0 33.7 50.5



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

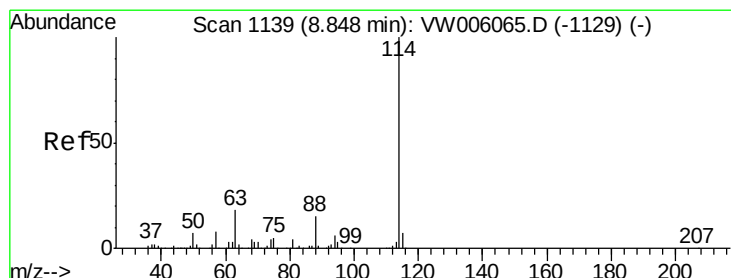
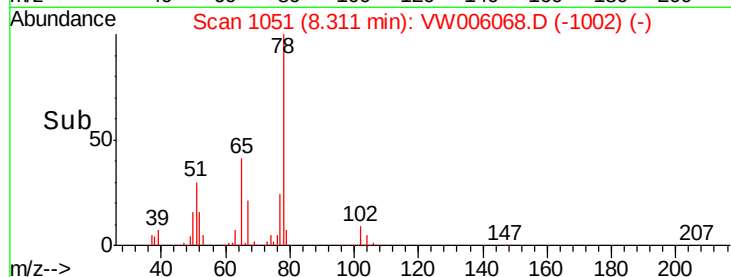
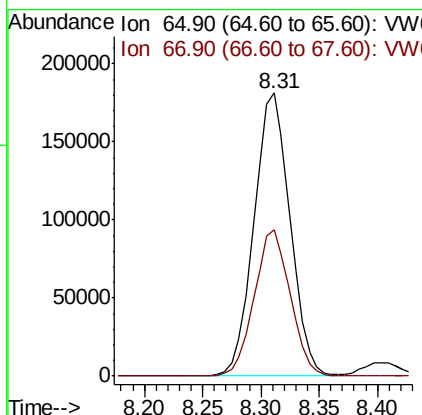
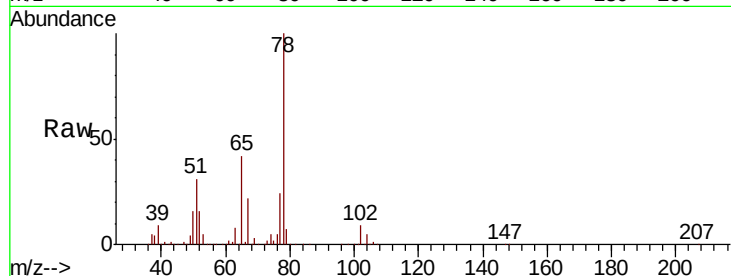




#33
 1,2-Dichloroethane-d4
 Concen: 134.455 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

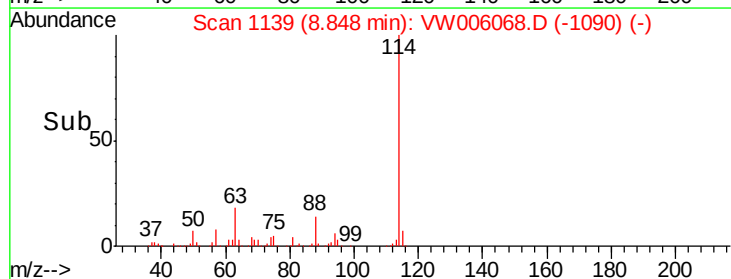
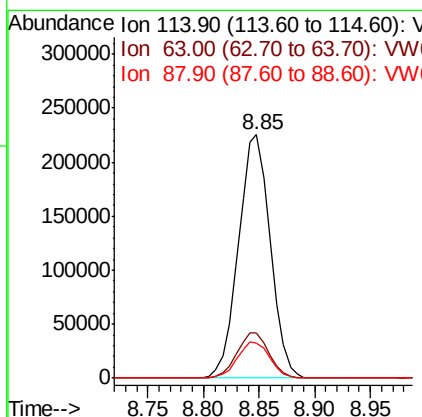
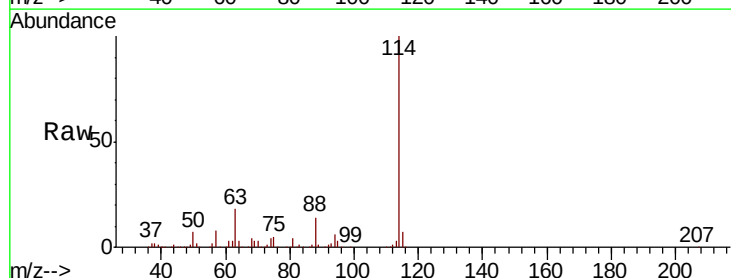
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

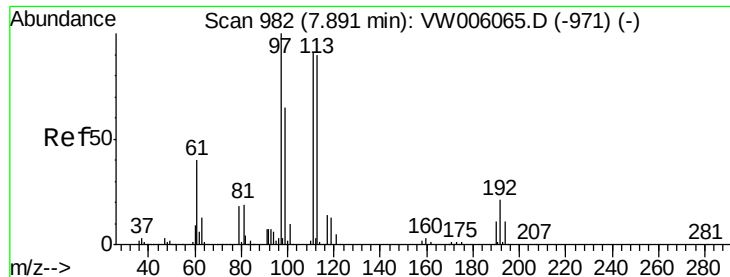
Tgt Ion: 65 Resp: 388452
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Tgt Ion: 114 Resp: 445490
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.8
 88 14.4 0.0 29.0

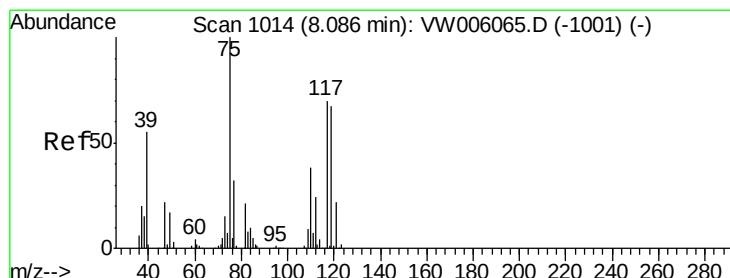
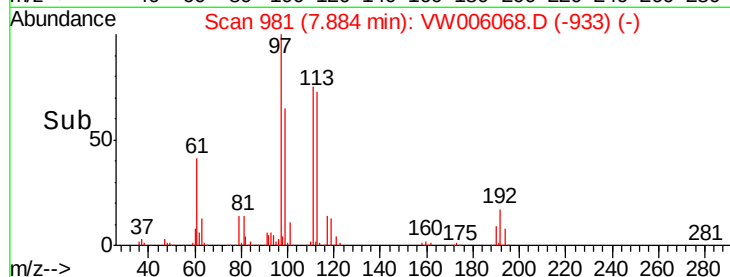
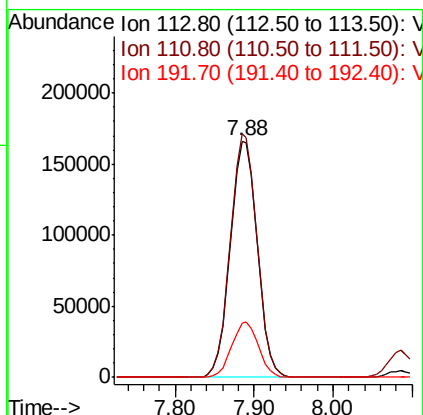
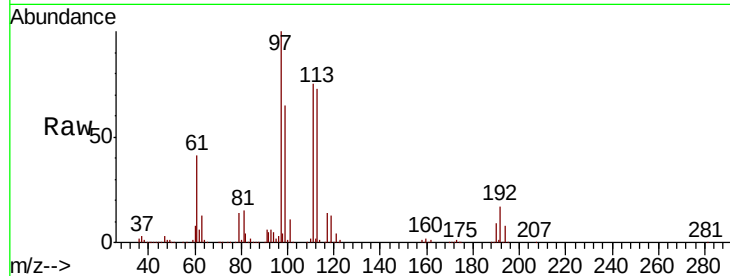




#35
 Dibromofluoromethane
 Concen: 140.662 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

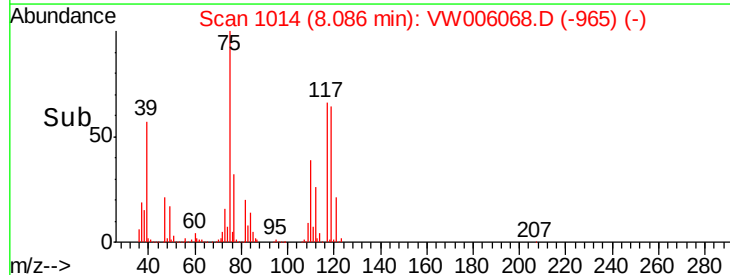
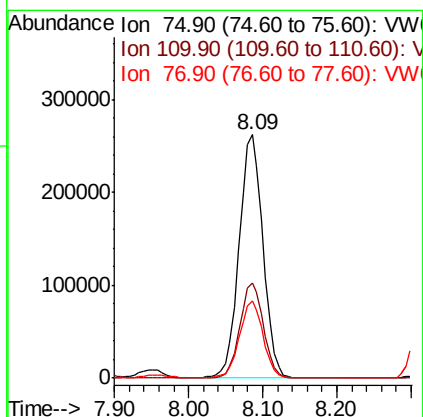
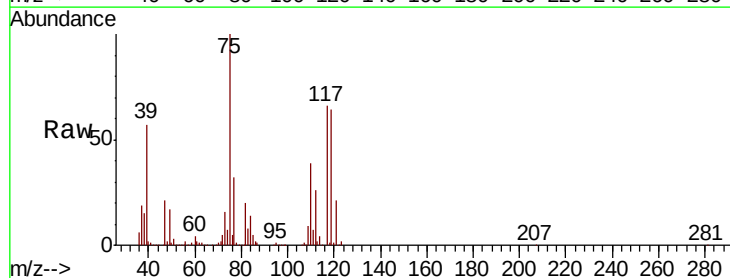
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

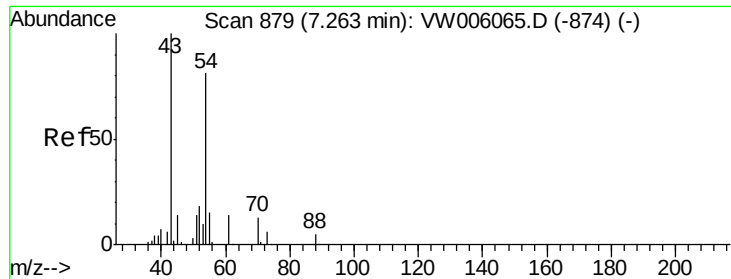
Tgt Ion: 113 Resp: 395152
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.4 122.0
 192 23.1 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 139.774 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Tgt Ion: 75 Resp: 588996
 Ion Ratio Lower Upper
 75 100
 110 38.5 19.1 57.1
 77 31.4 25.0 37.4

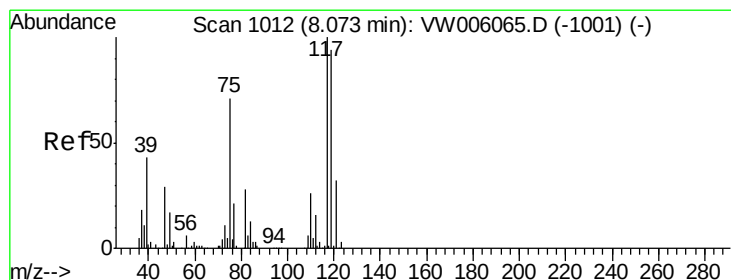
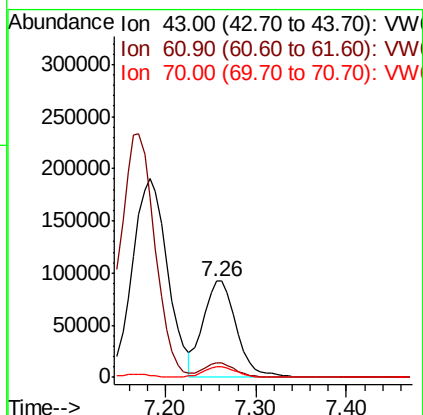
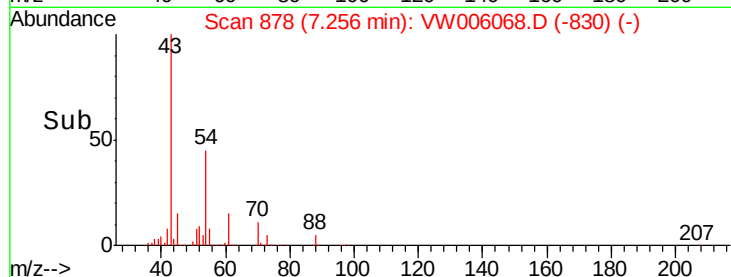
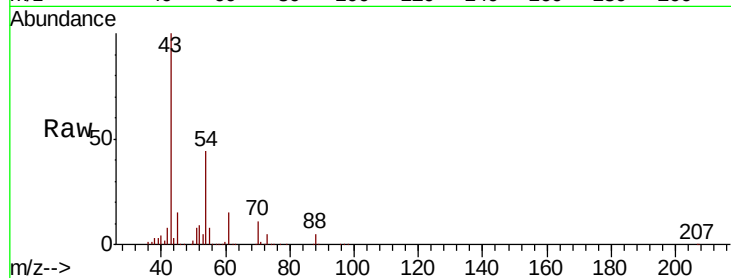




#37
 Ethyl Acetate
 Concen: 135.089 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

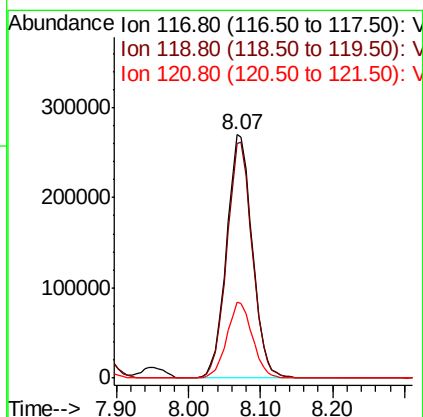
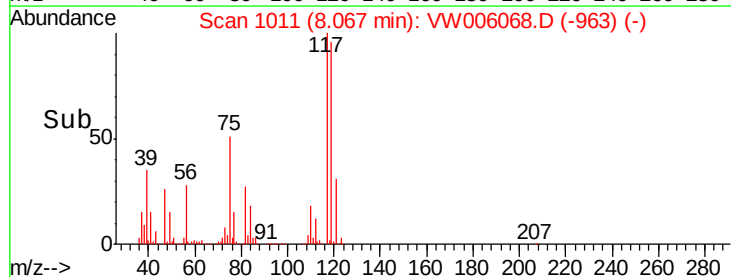
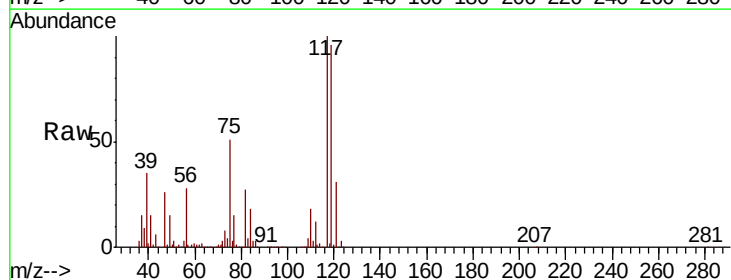
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

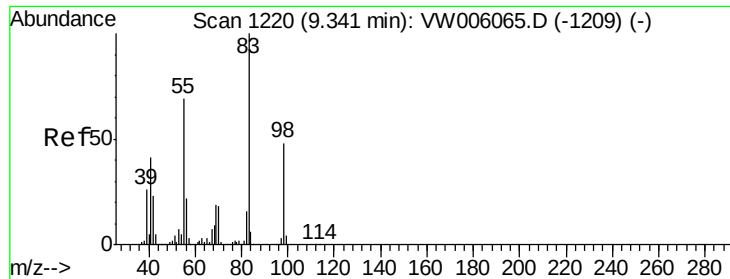
Tgt Ion: 43 Resp: 236628
 Ion Ratio Lower Upper
 43 100
 61 14.3 11.5 17.3
 70 10.8 9.2 13.8



#38
 Carbon Tetrachloride
 Concen: 147.613 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Tgt Ion: 117 Resp: 670485
 Ion Ratio Lower Upper
 117 100
 119 96.2 75.2 112.8
 121 31.1 25.3 37.9

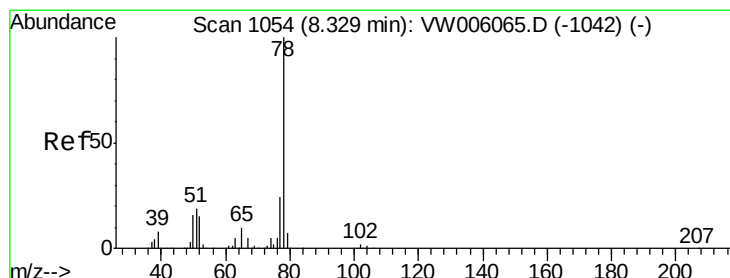
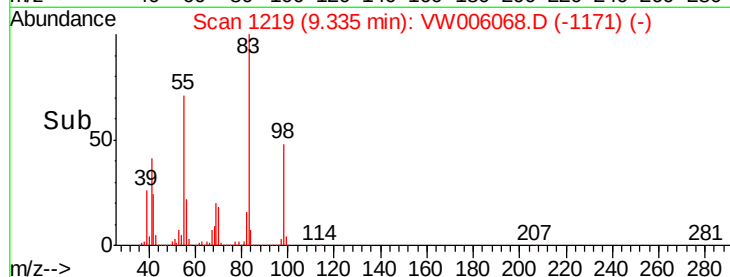
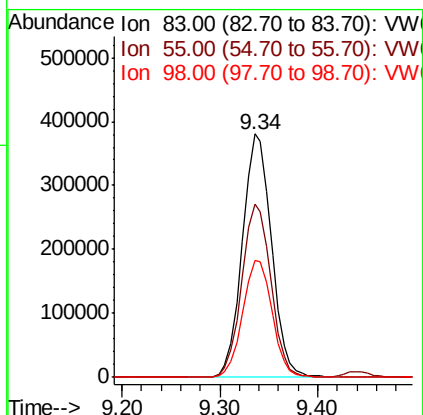
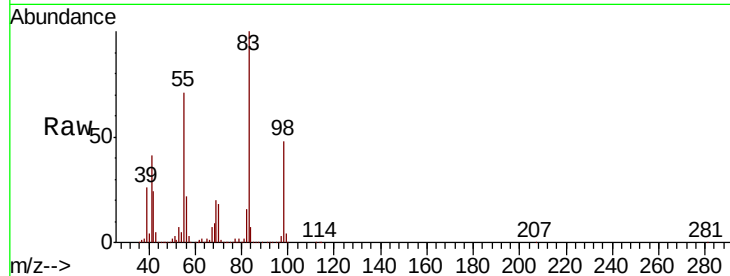




#39
Methylcyclohexane
Concen: 142.132 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

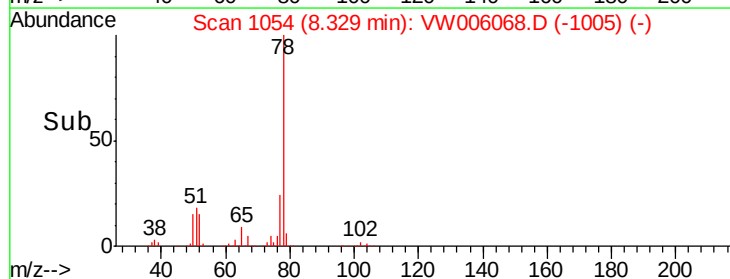
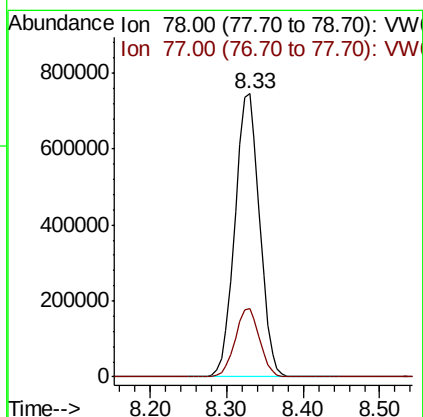
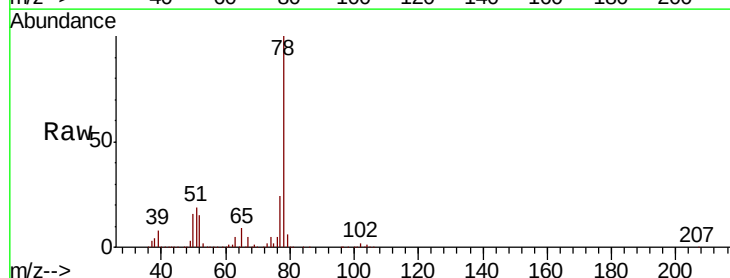
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

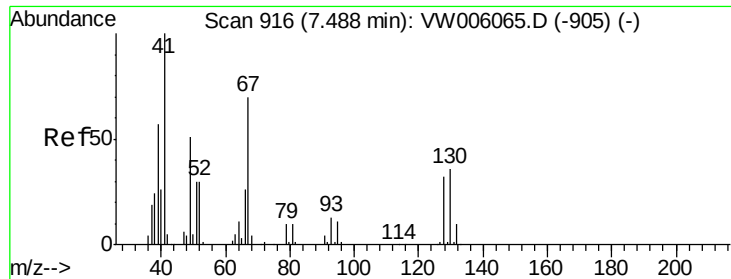
Tgt Ion: 83 Resp: 788851
Ion Ratio Lower Upper
83 100
55 71.3 55.0 82.6
98 48.1 38.6 57.8



#40
Benzene
Concen: 143.943 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Tgt Ion: 78 Resp: 1660840
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0

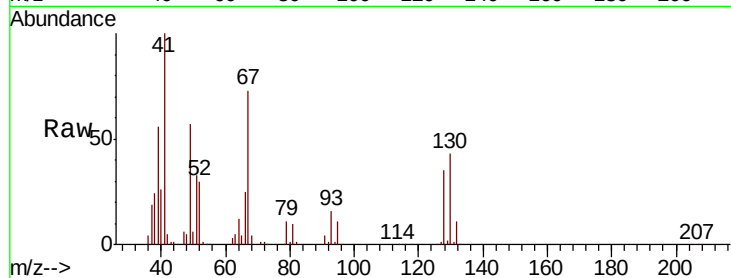




#41
Methacrylonitrile
Concen: 137.319 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:	41	Resp:	151719
Ion	Ratio	Lower	Upper
41	100		
39	56.7	46.2	69.4
67	70.5	57.7	86.5
52	30.1	24.7	37.1



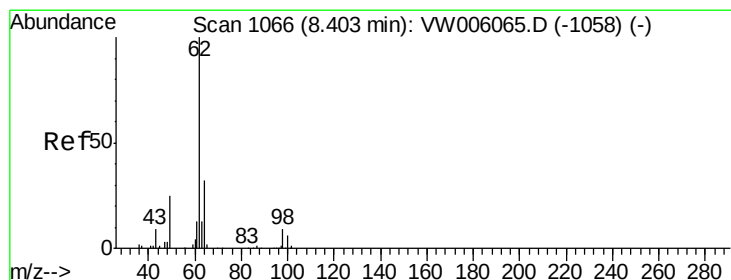
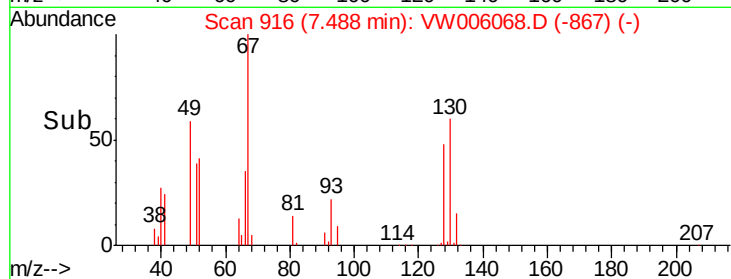
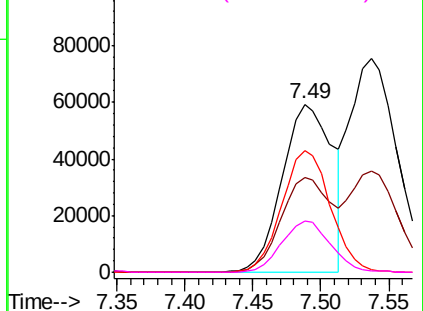
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

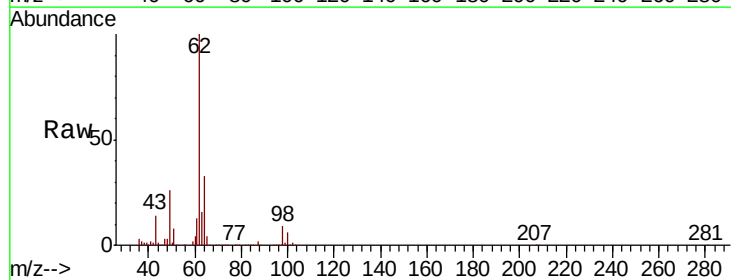
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 144.025 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

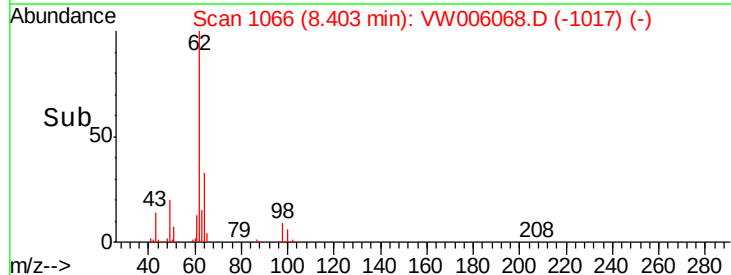
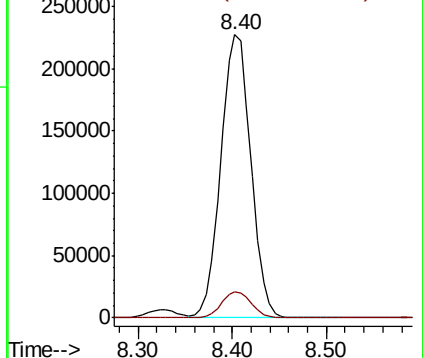
Tgt Ion:	62	Resp:	501877
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4

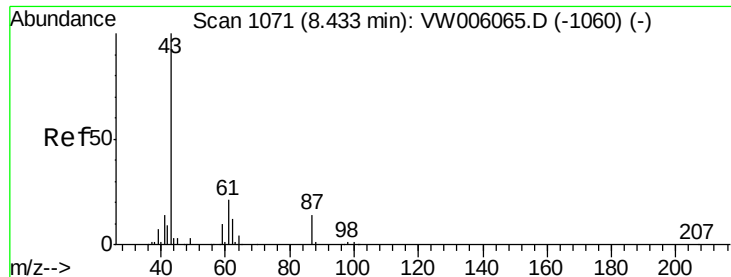


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 136.540 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

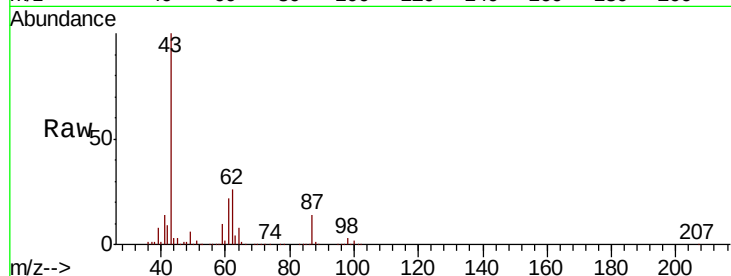
Tgt Ion: 43 Resp: 498095

Ion Ratio Lower Upper

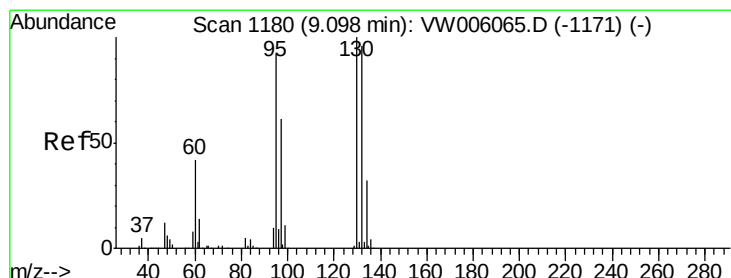
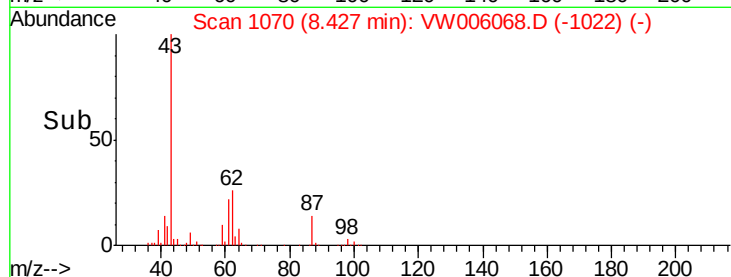
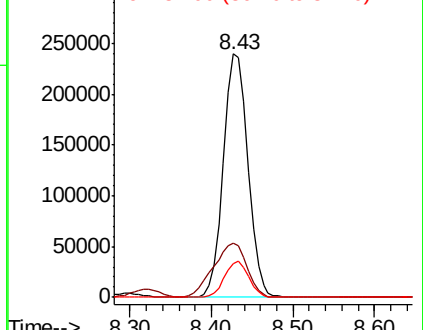
43 100

61 30.5 25.5 38.3

87 14.6 11.7 17.5



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



#44

Trichloroethene

Concen: 150.434 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW006068.D

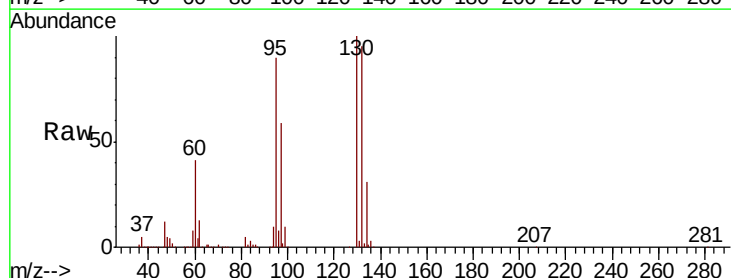
Acq: 15 Oct 2018 19:38

Tgt Ion: 130 Resp: 506704

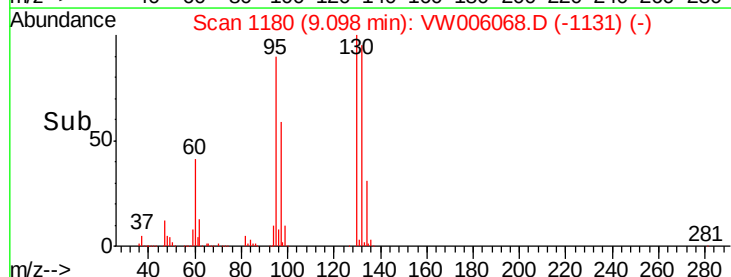
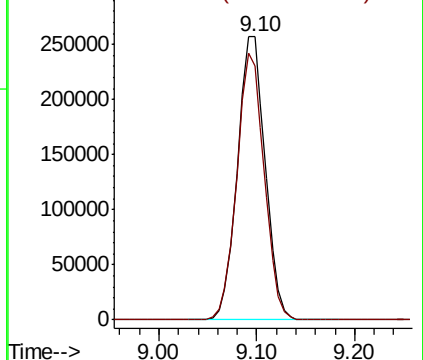
Ion Ratio Lower Upper

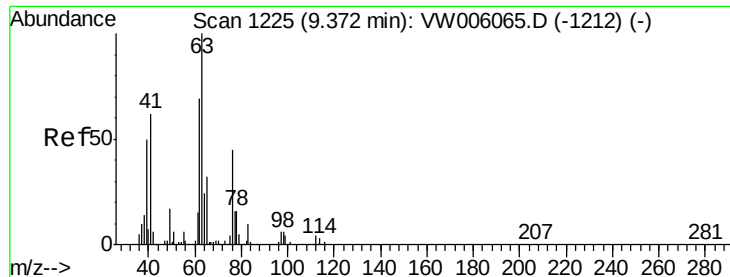
130 100

95 89.9 0.0 183.2



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

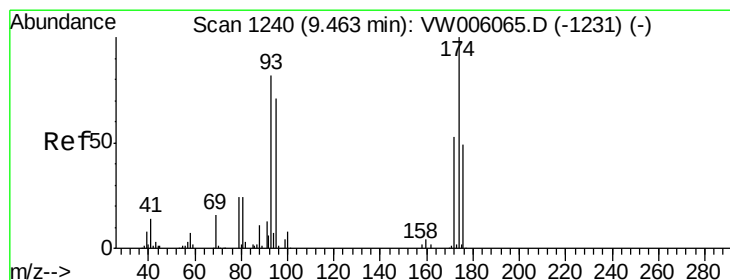
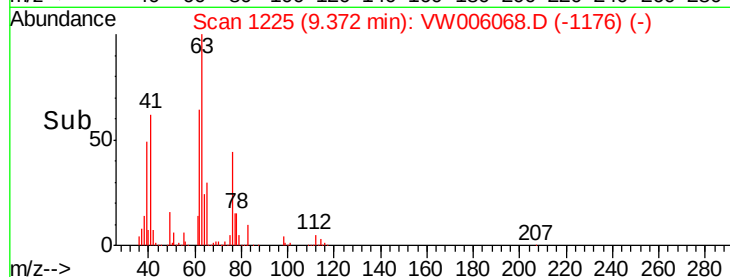
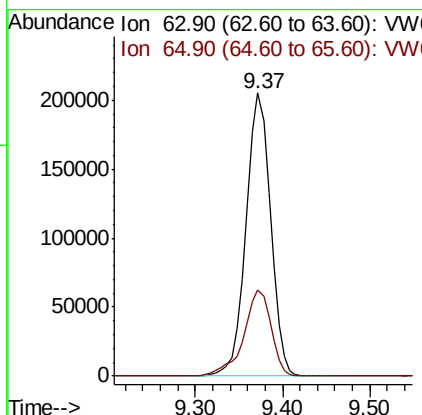
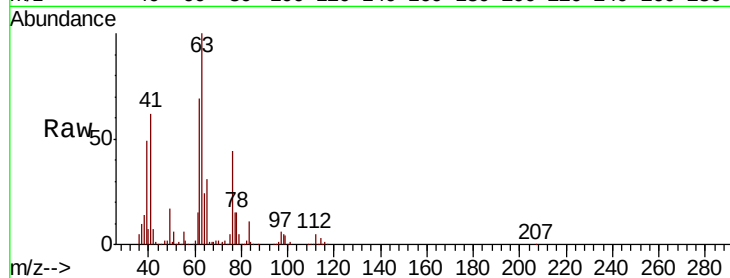




#45
 1,2-Dichloropropane
 Concen: 139.023 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

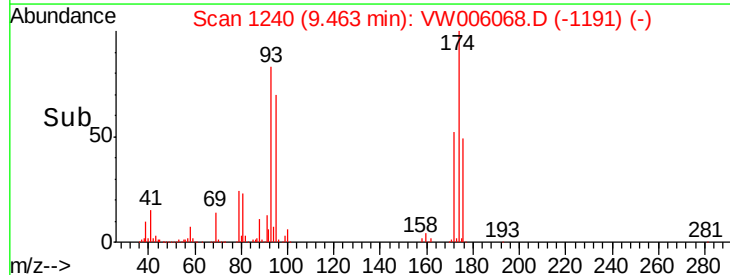
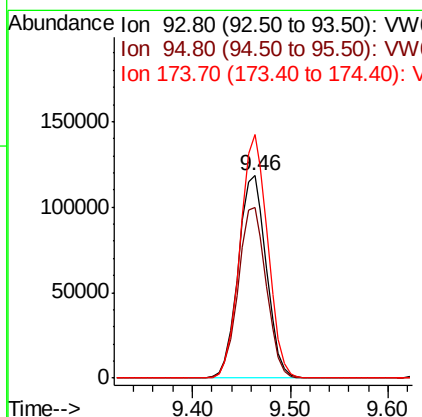
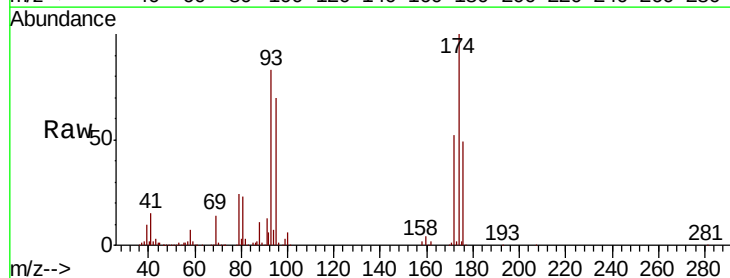
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

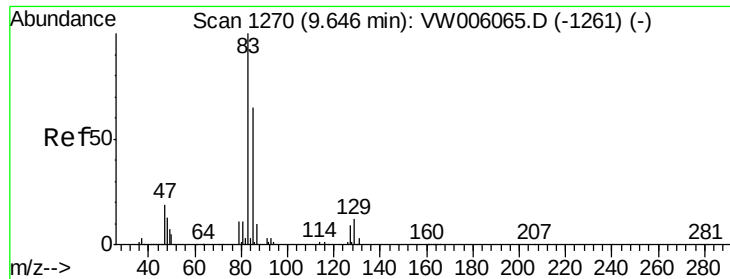
Tgt Ion: 63 Resp: 399682
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.4 38.0



#46
 Dibromomethane
 Concen: 148.218 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Tgt Ion: 93 Resp: 235641
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.7 101.5
 174 117.8 93.7 140.5





#47

Bromodichloromethane

Concen: 146.034 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

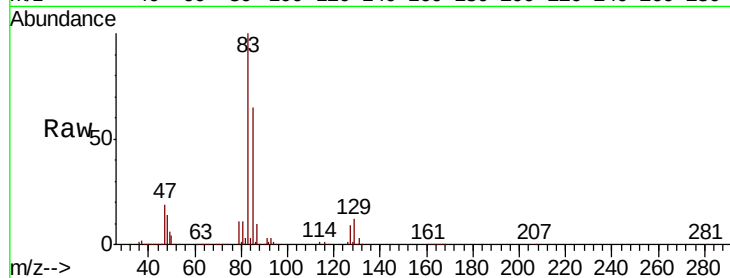
Tgt Ion: 83 Resp: 582104

Ion Ratio Lower Upper

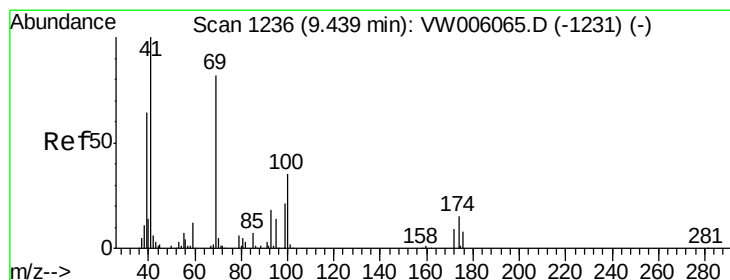
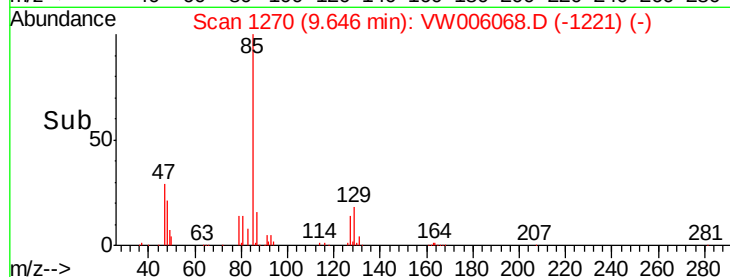
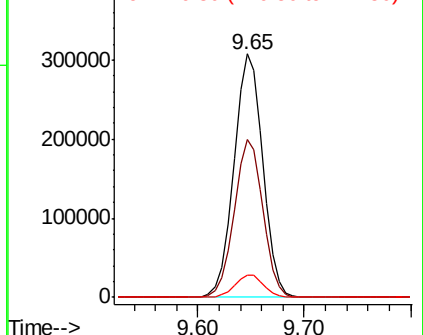
83 100

85 64.8 51.8 77.8

127 9.1 6.9 10.3



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): V



#48

Methyl methacrylate

Concen: 137.749 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

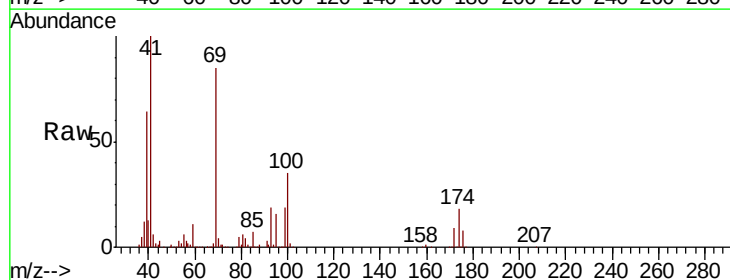
Tgt Ion: 41 Resp: 240023

Ion Ratio Lower Upper

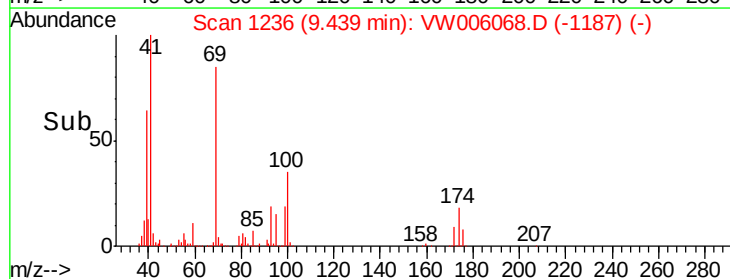
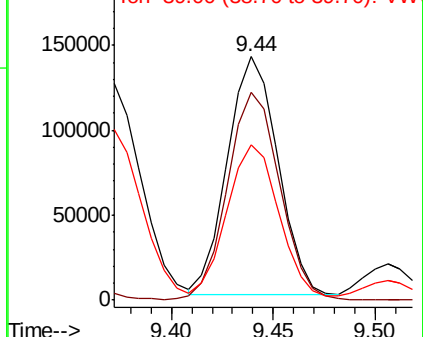
41 100

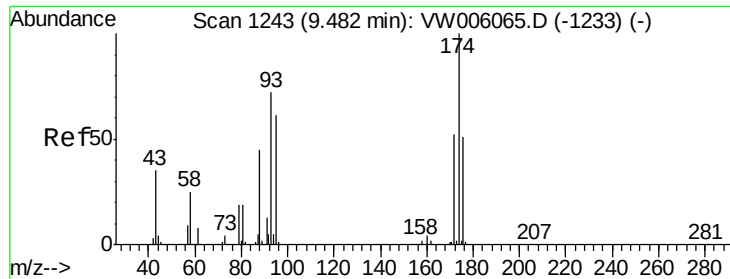
69 91.0 71.8 107.8

39 64.8 52.5 78.7



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: 2991.949 ug/l

RT: 9.48 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

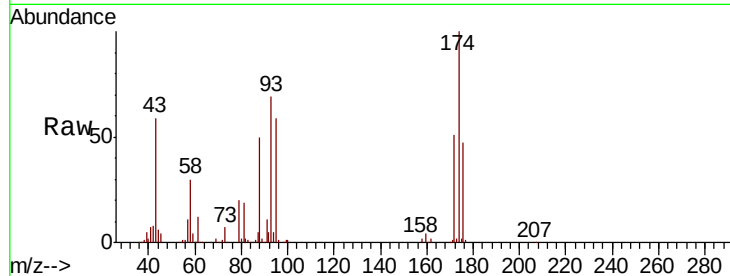
Tgt Ion: 88 Resp: 72628

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

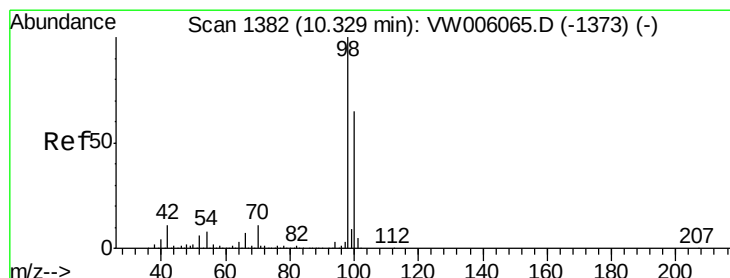
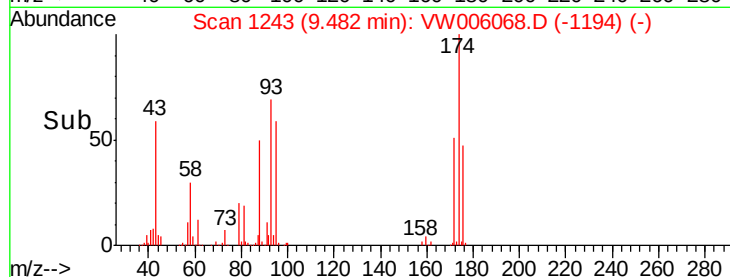
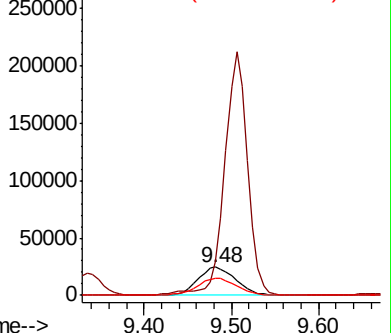
58 65.0 51.2 76.8



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 140.347 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006068.D

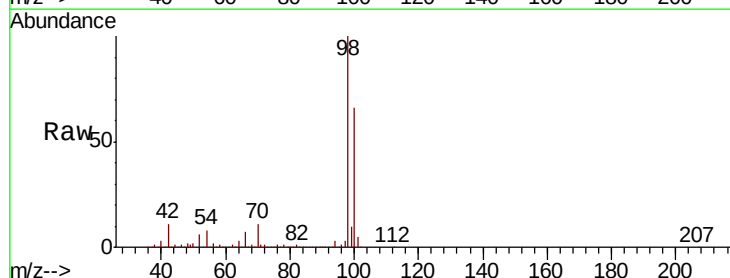
Acq: 15 Oct 2018 19:38

Tgt Ion: 98 Resp: 1511870

Ion Ratio Lower Upper

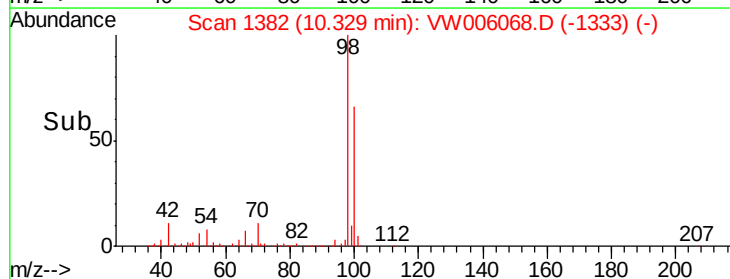
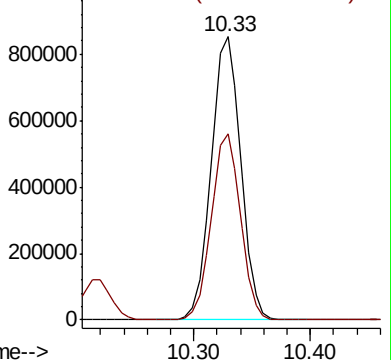
98 100

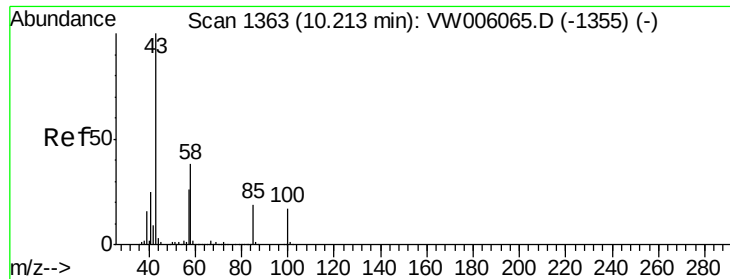
100 64.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

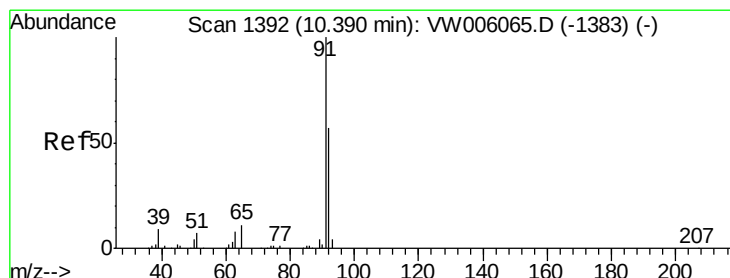
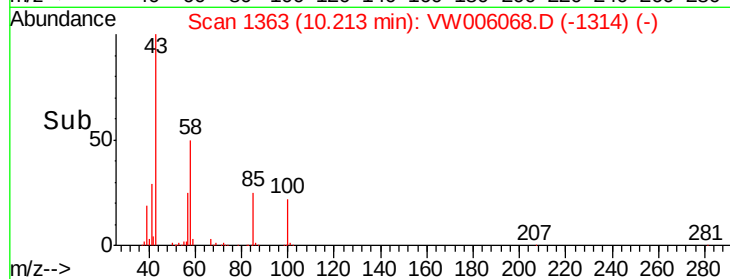
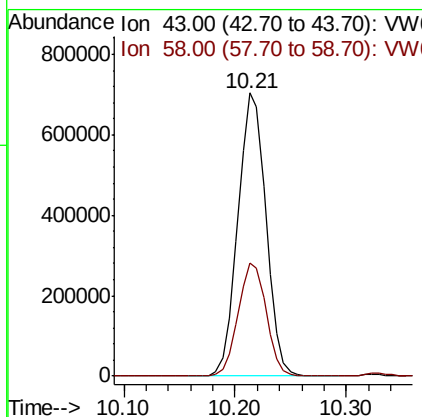
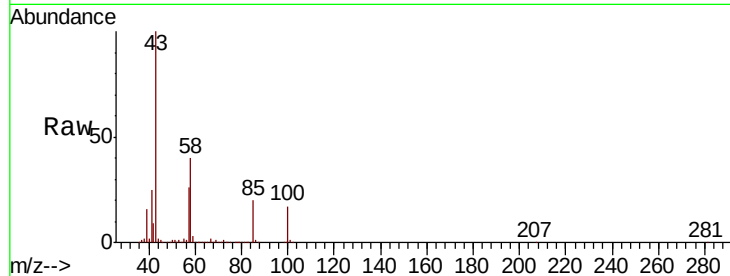




#51
 4-Methyl-2-Pentanone
 Concen: 687.938 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

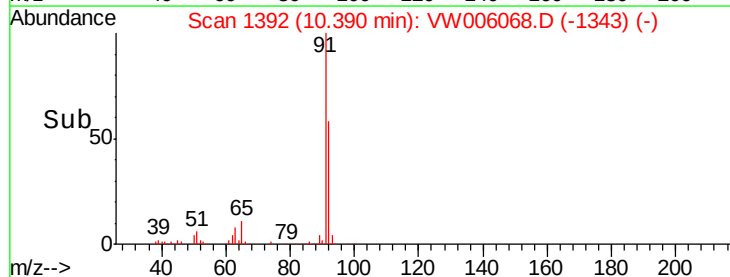
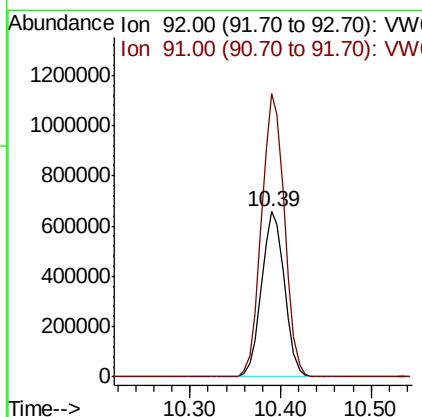
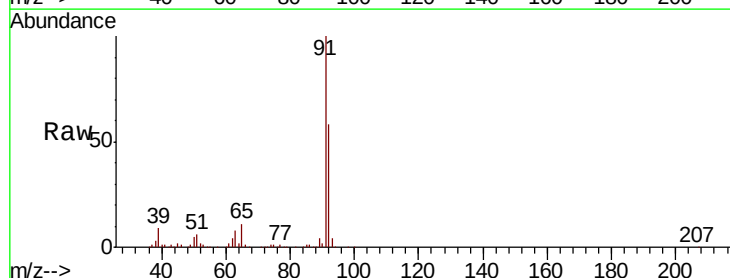
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

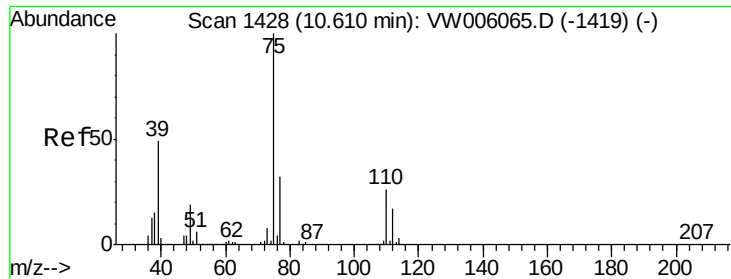
Tgt Ion: 43 Resp: 1227782
 Ion Ratio Lower Upper
 43 100
 58 40.0 31.5 47.3



#52
 Toluene
 Concen: 150.133 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Tgt Ion: 92 Resp: 1142445
 Ion Ratio Lower Upper
 92 100
 91 172.0 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 146.536 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

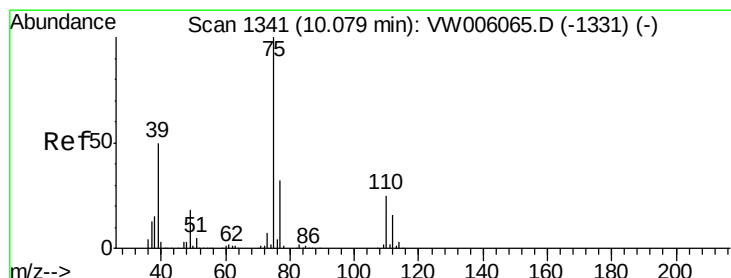
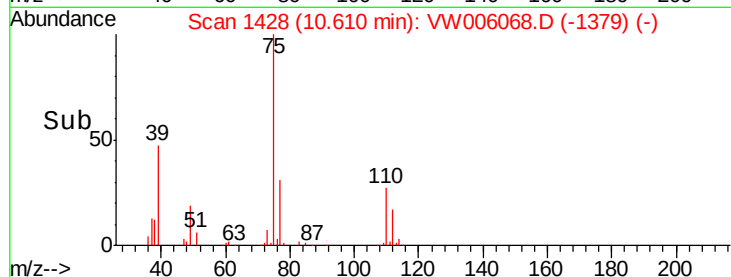
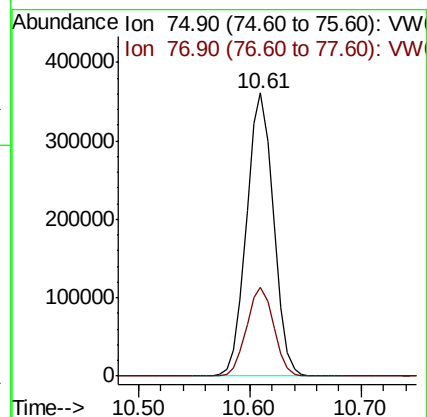
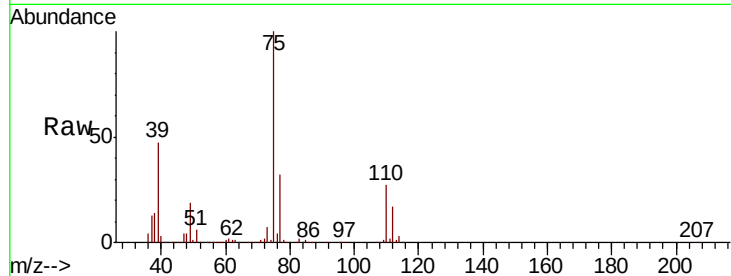
VSTDIC150

Tgt Ion: 75 Resp: 605286

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 144.429 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

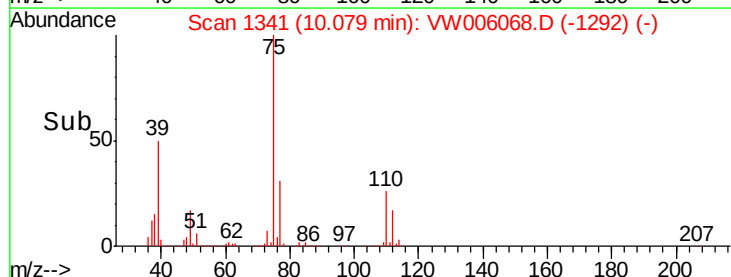
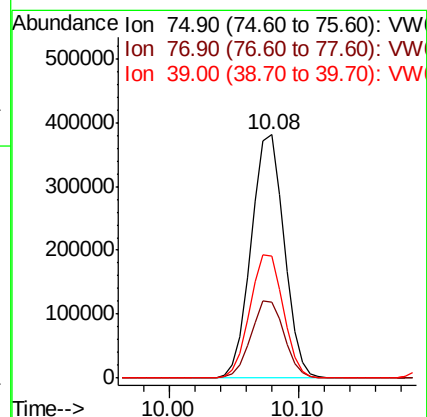
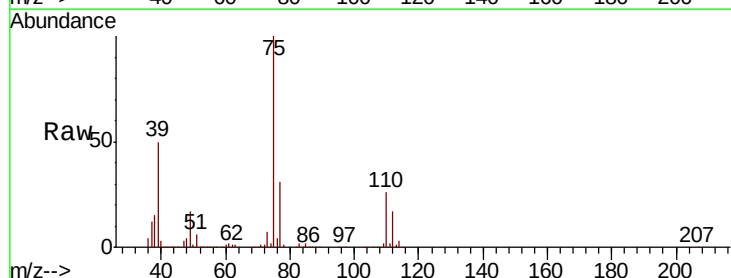
Tgt Ion: 75 Resp: 673265

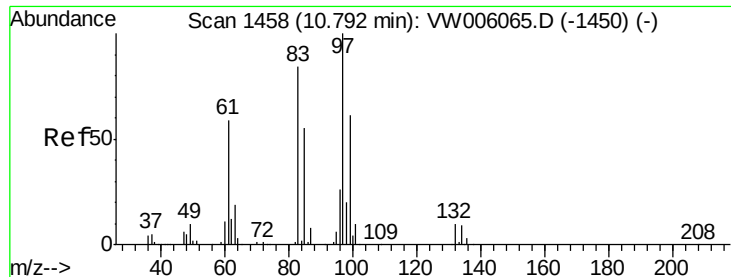
Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8

39 50.2 39.9 59.9

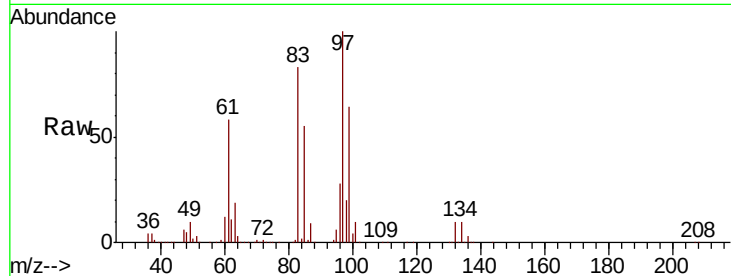




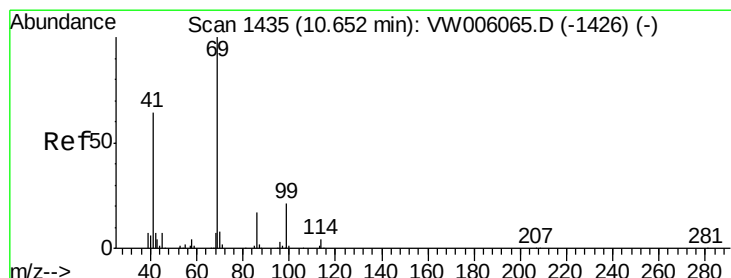
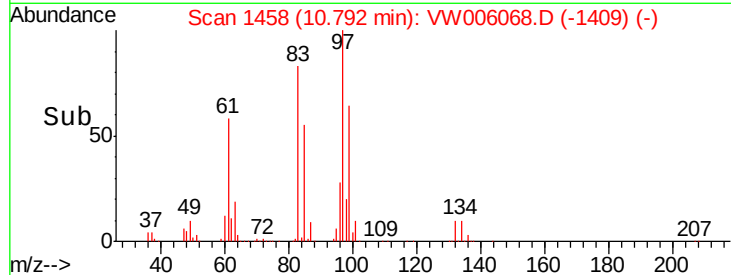
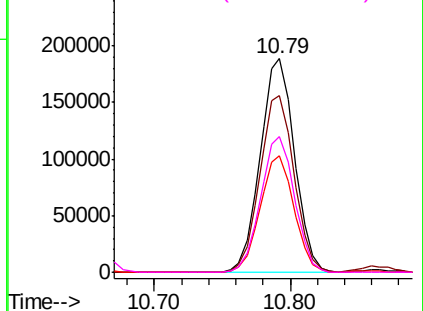
#55
 1,1,2-Trichloroethane
 Concen: 150.916 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion: 97 Resp: 333252
 Ion Ratio Lower Upper
 97 100
 83 83.0 67.2 100.8
 85 54.7 43.7 65.5
 99 63.8 48.5 72.7

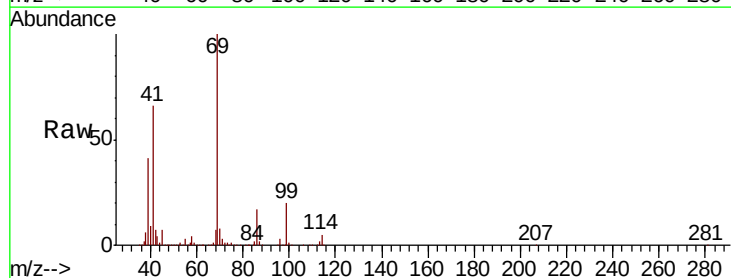


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

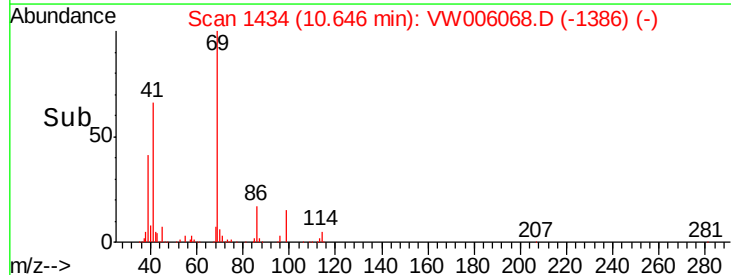
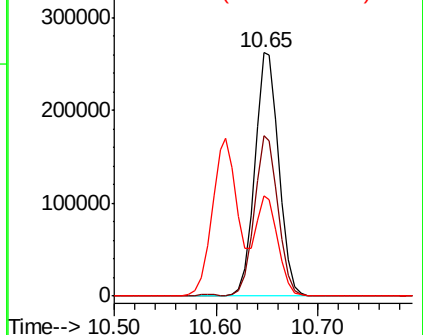


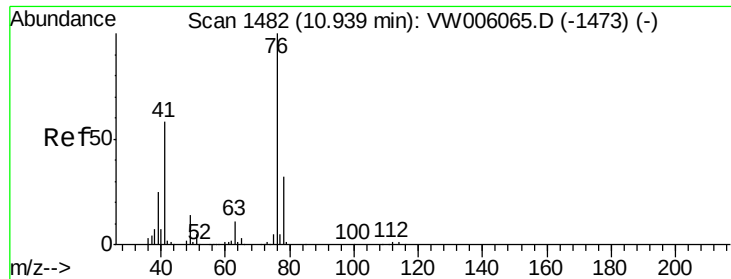
#56
 Ethyl methacrylate
 Concen: 147.109 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Tgt Ion: 69 Resp: 431621
 Ion Ratio Lower Upper
 69 100
 41 64.8 52.8 79.2
 39 40.1 30.6 45.8



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW

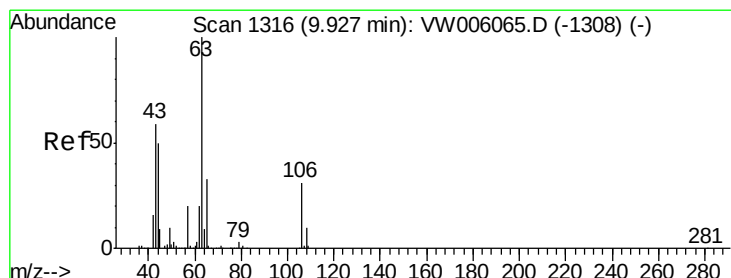
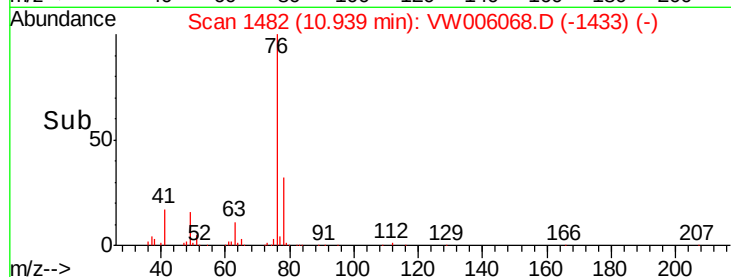
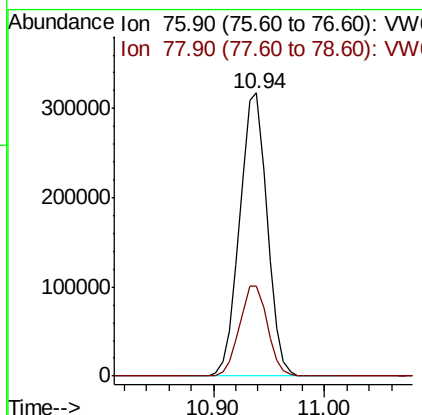
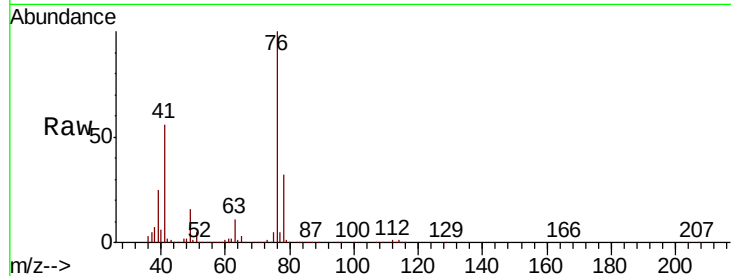




#57
 1,3-Dichloropropane
 Concen: 146.813 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

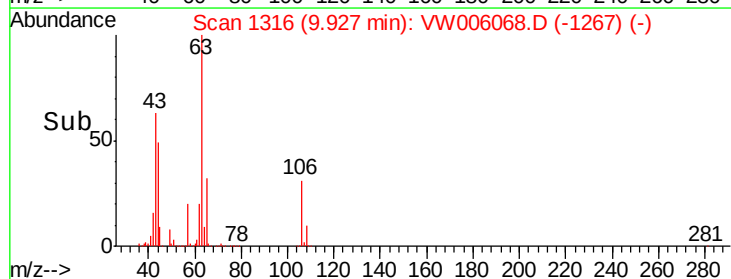
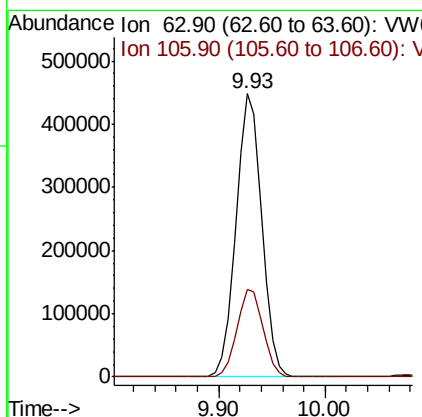
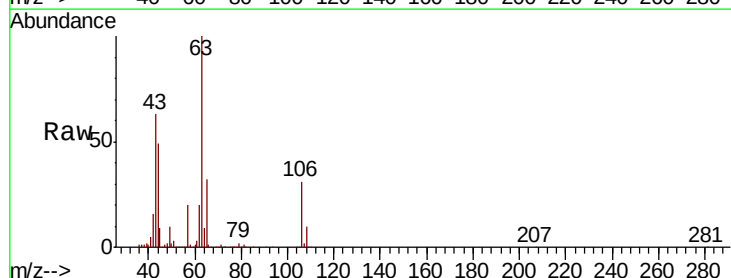
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

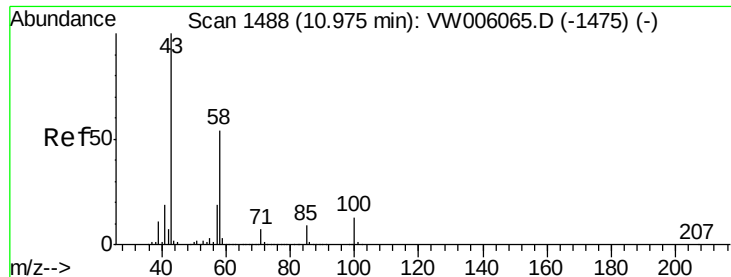
Tgt Ion: 76 Resp: 543477
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 642.175 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Tgt Ion: 63 Resp: 760103
 Ion Ratio Lower Upper
 63 100
 106 31.3 24.5 36.7

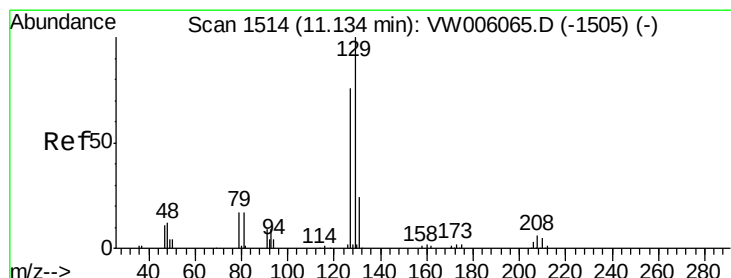
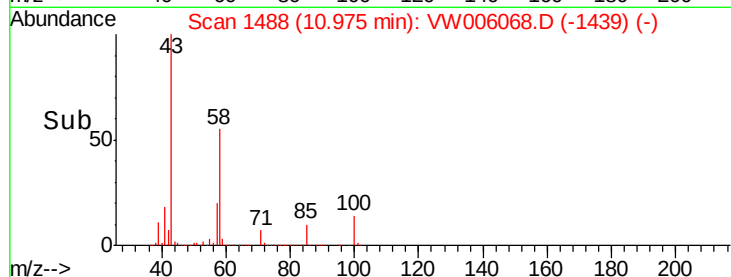
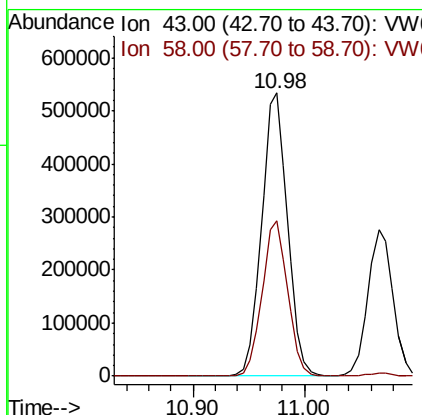
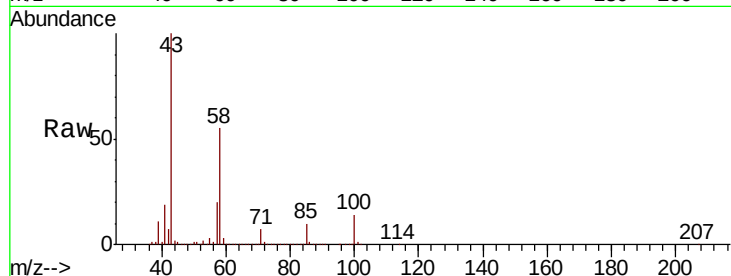




#59
2-Hexanone
Concen: 679.683 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

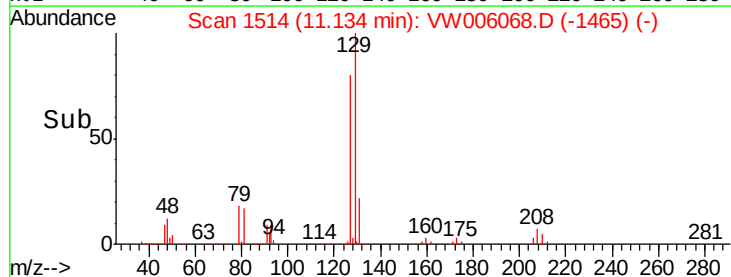
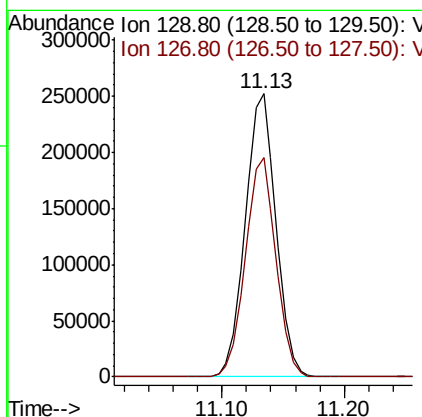
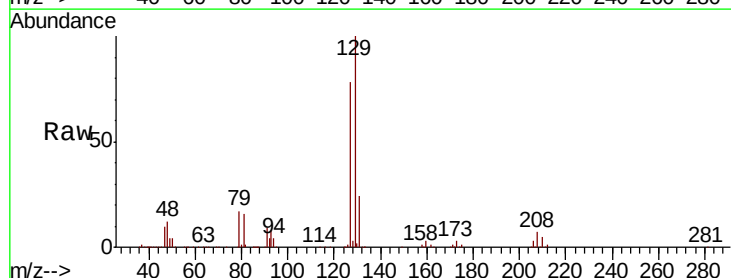
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

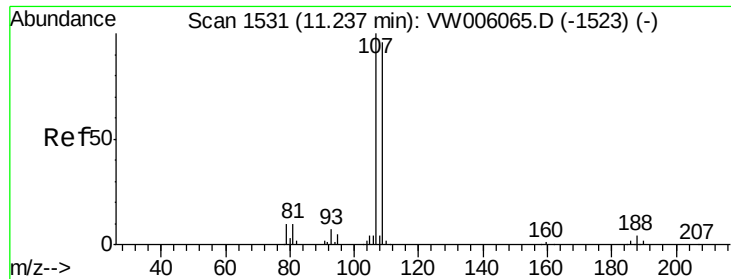
Tgt Ion: 43 Resp: 865085
Ion Ratio Lower Upper
43 100
58 54.3 26.9 80.6



#60
Dibromochloromethane
Concen: 154.910 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Tgt Ion: 129 Resp: 439675
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.7

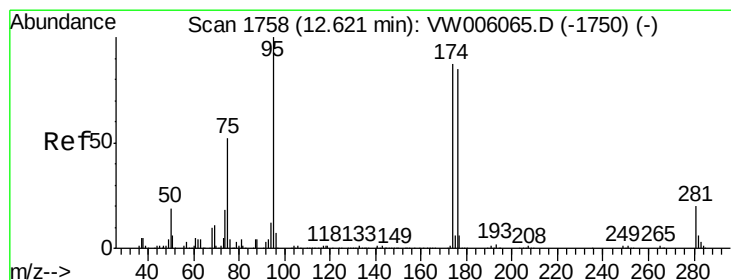
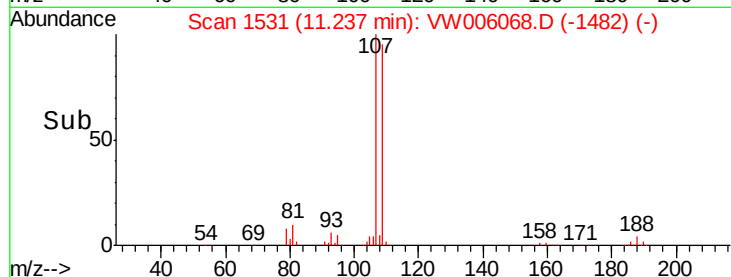
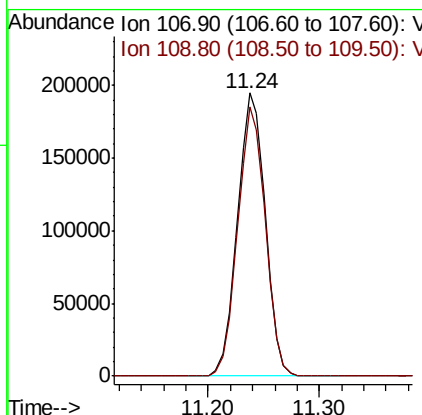
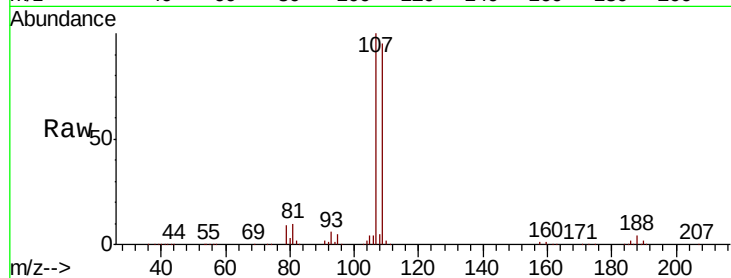




#61
 1,2-Dibromoethane
 Concen: 152.141 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

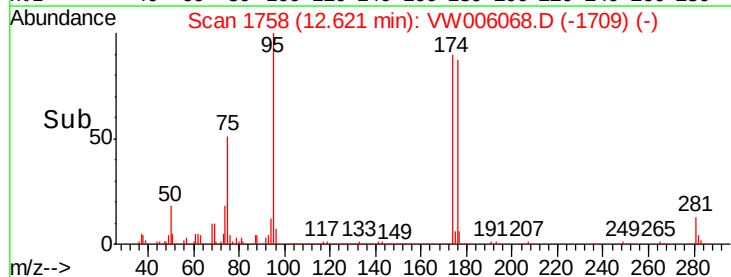
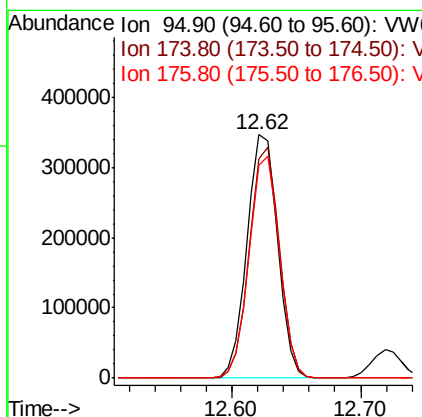
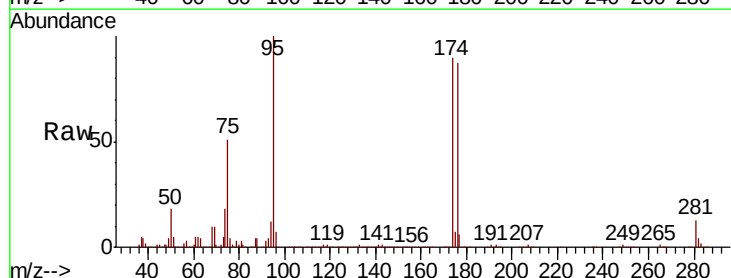
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

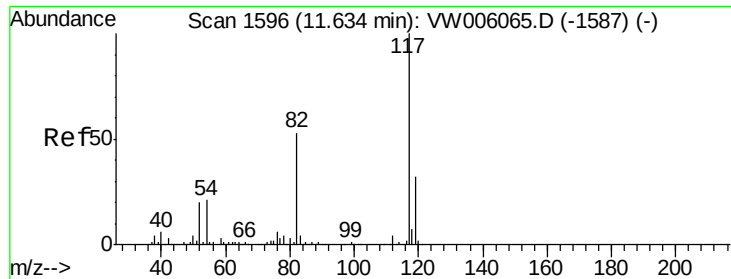
Tgt Ion: 107 Resp: 335992
 Ion Ratio Lower Upper
 107 100
 109 94.7 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 138.625 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Tgt Ion: 95 Resp: 567697
 Ion Ratio Lower Upper
 95 100
 174 93.0 0.0 186.0
 176 90.5 0.0 181.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

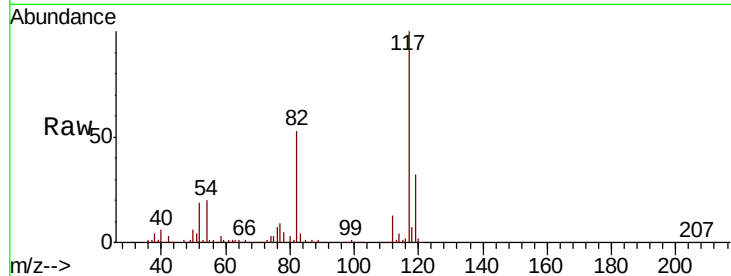
Tgt Ion:117 Resp: 413866

Ion Ratio Lower Upper

117 100

82 53.1 42.1 63.1

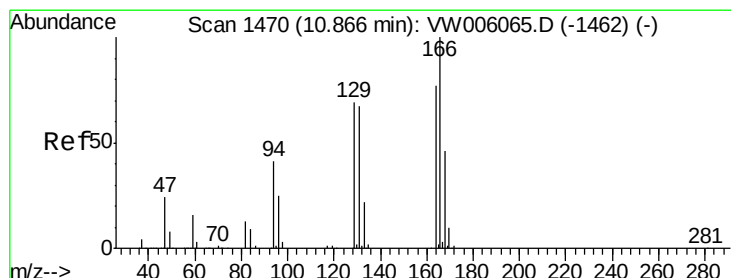
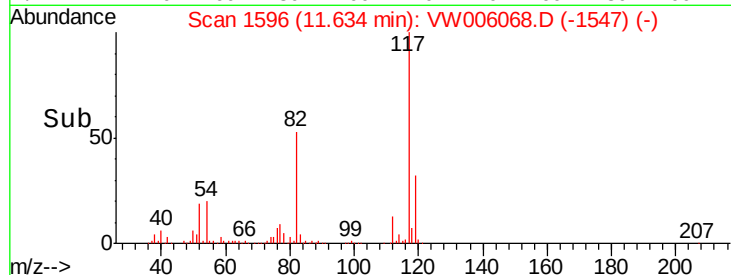
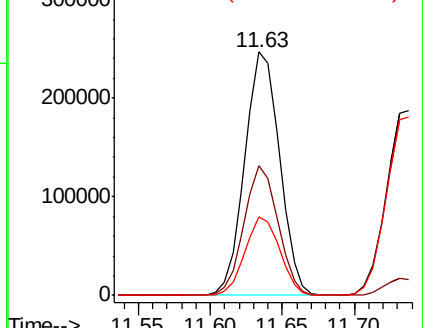
119 32.1 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 154.330 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Tgt Ion:164 Resp: 474858

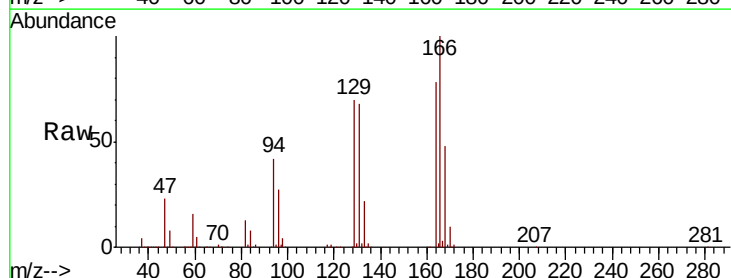
Ion Ratio Lower Upper

164 100

166 127.8 103.4 155.0

129 90.0 71.8 107.8

131 86.6 69.5 104.3

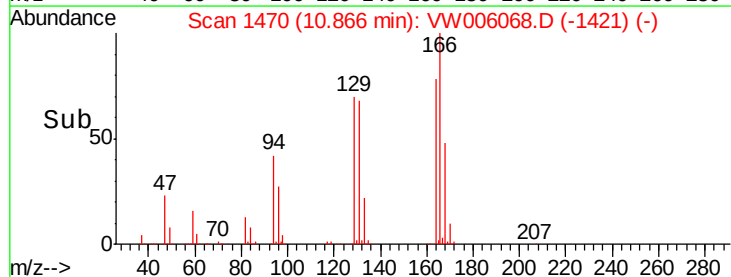
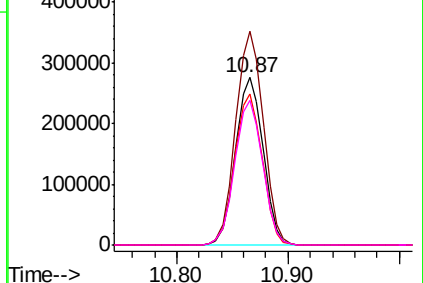


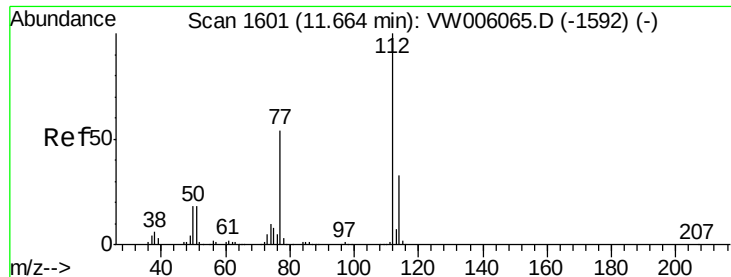
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 147.311 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

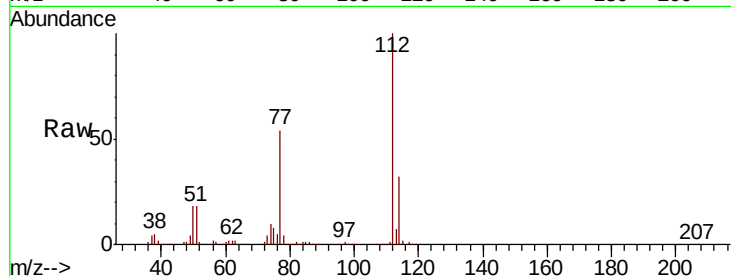
VSTDIC150

Tgt Ion:112 Resp: 1293465

Ion Ratio Lower Upper

112 100

114 32.3 26.2 39.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

800000

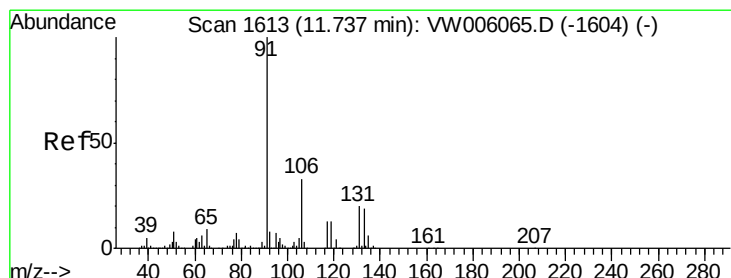
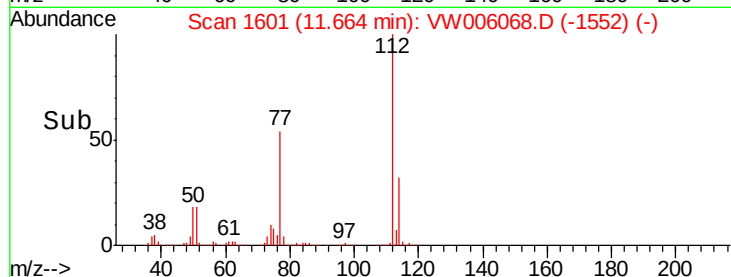
600000

400000

200000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 152.595 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

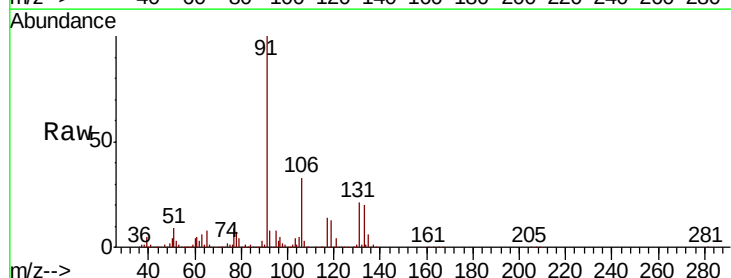
Tgt Ion:131 Resp: 491233

Ion Ratio Lower Upper

131 100

133 94.5 48.1 144.3

119 63.2 31.6 94.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.74

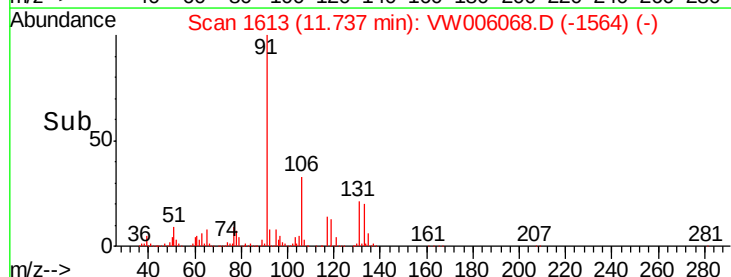
300000

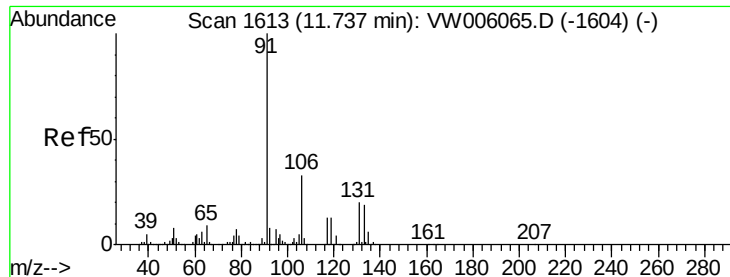
200000

100000

0

Time-->

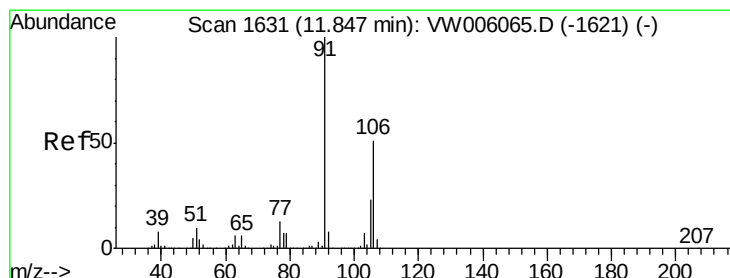
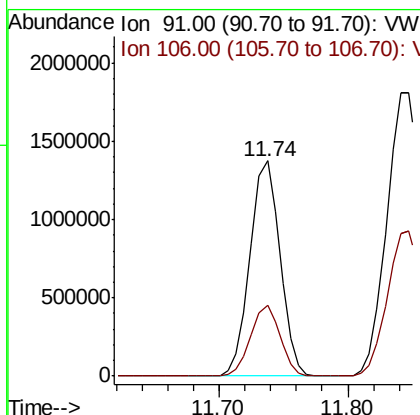
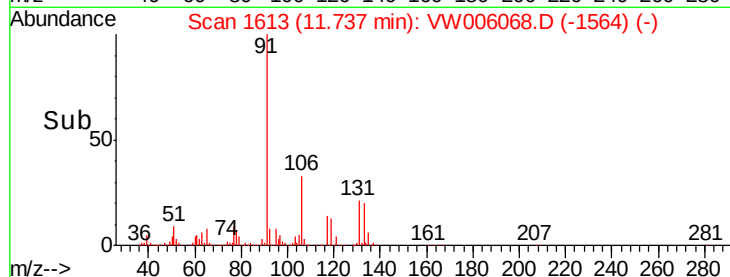
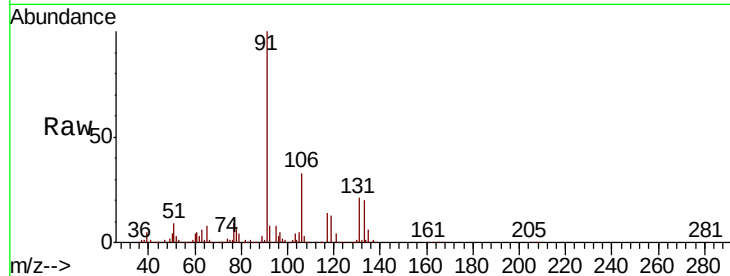




#67
Ethyl Benzene
Concen: 143.174 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

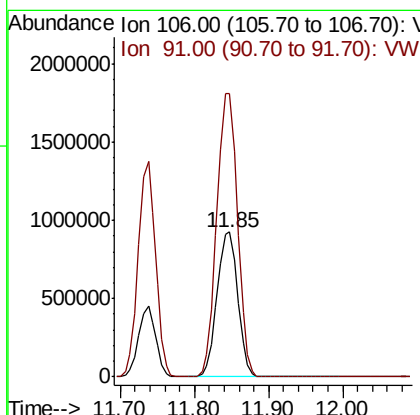
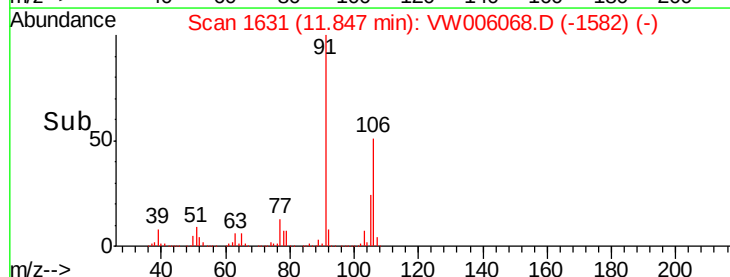
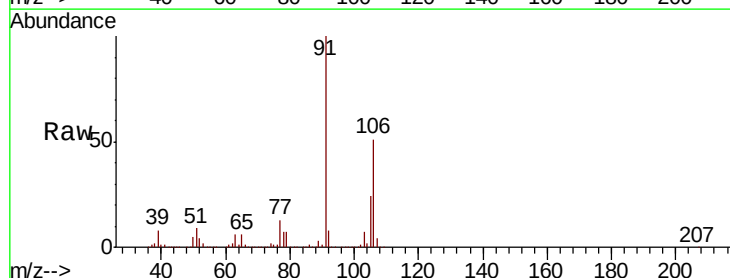
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

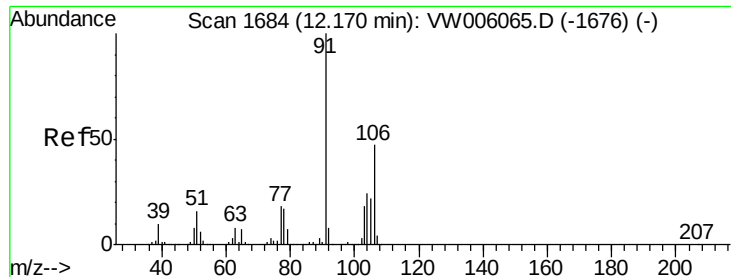
Tgt Ion: 91 Resp: 2212747
Ion Ratio Lower Upper
91 100
106 32.9 26.1 39.1



#68
m/p-Xylenes
Concen: 292.857 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Tgt Ion: 106 Resp: 1773994
Ion Ratio Lower Upper
106 100
91 196.6 159.1 238.7

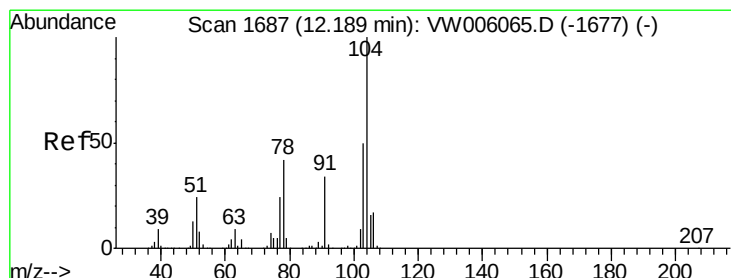
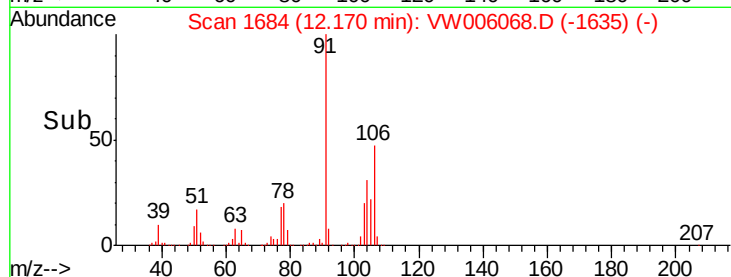
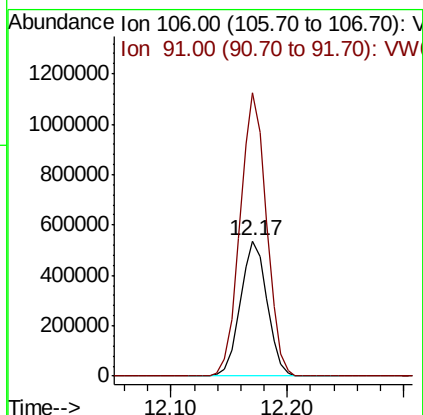
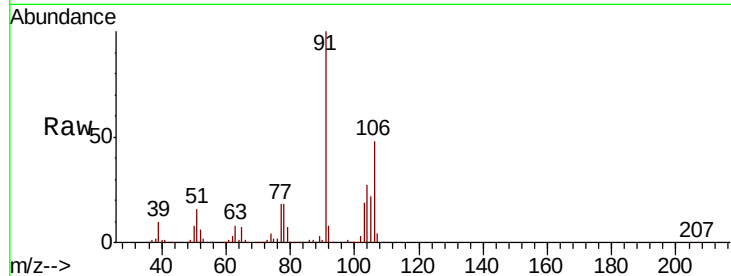




#69
o-Xylene
Concen: 147.682 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

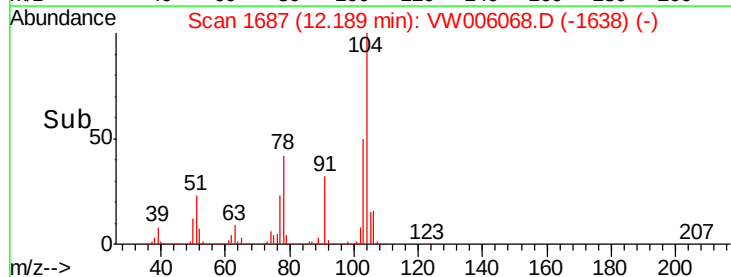
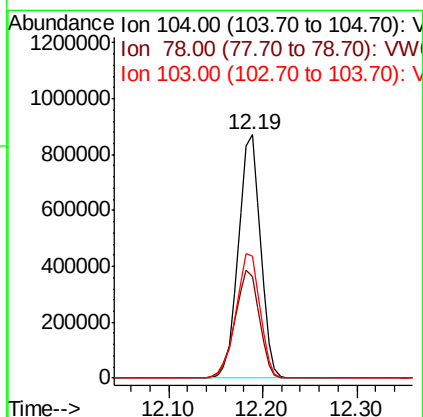
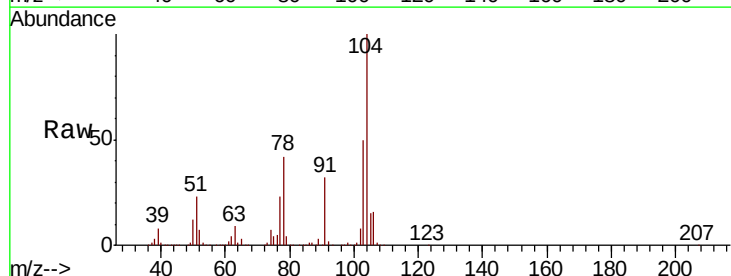
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

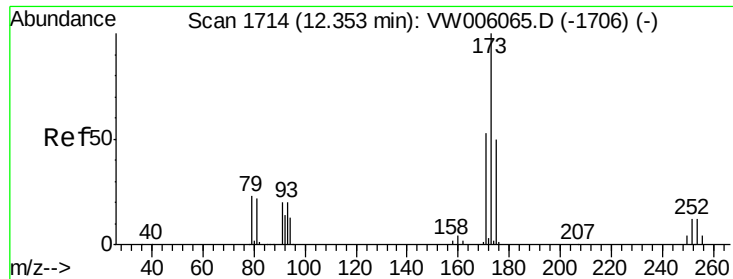
Tgt Ion:106 Resp: 857207
Ion Ratio Lower Upper
106 100
91 207.9 105.4 316.1



#70
Styrene
Concen: 147.869 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Tgt Ion:104 Resp: 1421231
Ion Ratio Lower Upper
104 100
78 48.8 39.1 58.7
103 55.5 44.3 66.5





#71

Bromoform

Concen: 153.702 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

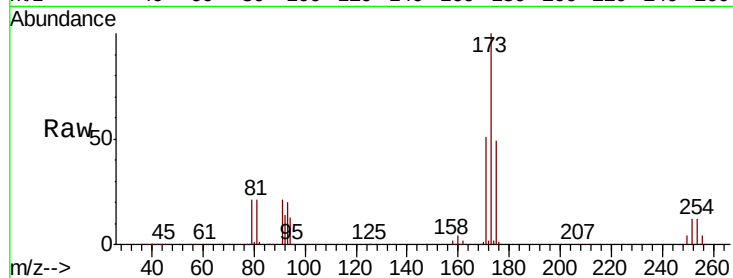
Tgt Ion:173 Resp: 292723

Ion Ratio Lower Upper

173 100

175 48.6 24.2 72.6

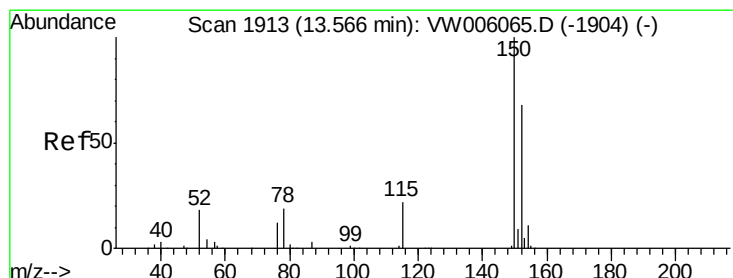
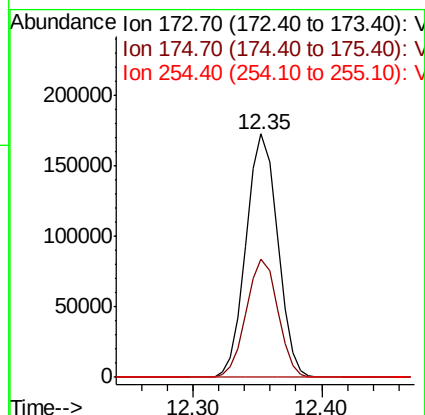
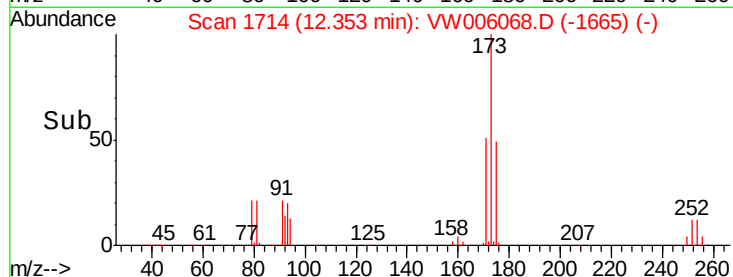
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

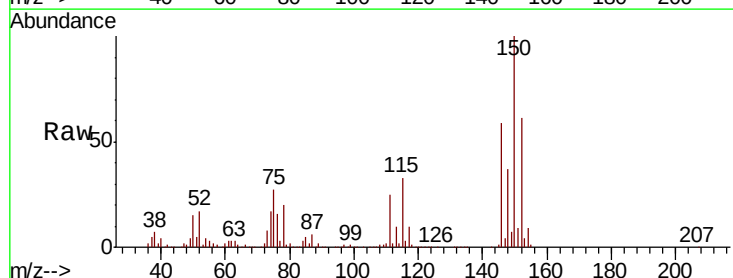
Tgt Ion:152 Resp: 225399

Ion Ratio Lower Upper

152 100

115 55.5 27.8 83.3

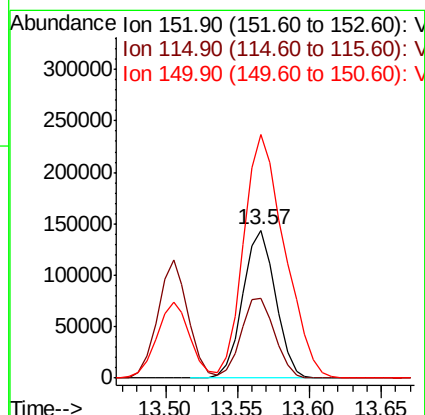
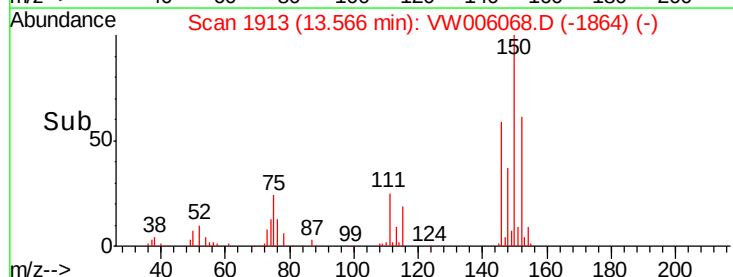
150 205.9 0.0 349.2

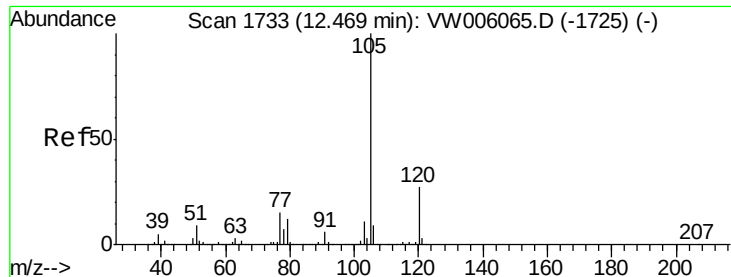


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

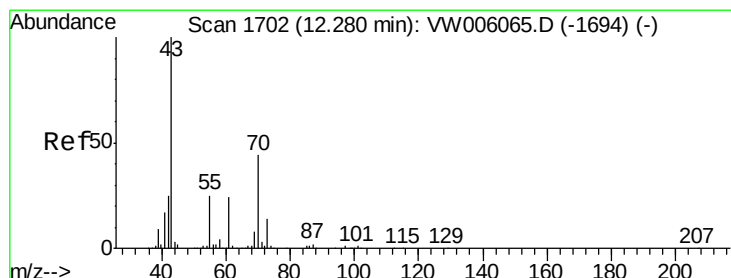
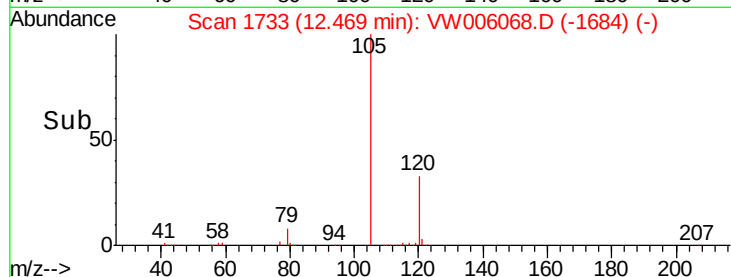
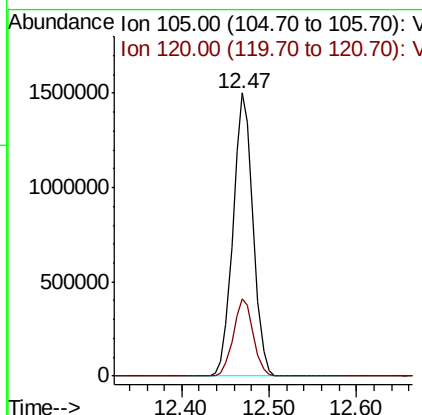
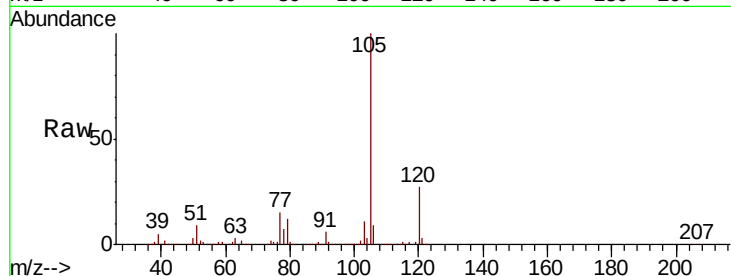




#73
Isopropylbenzene
Concen: 146.753 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

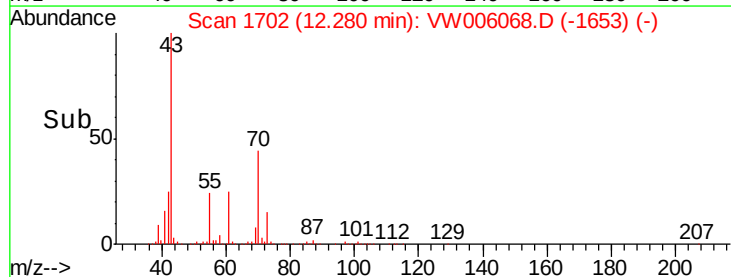
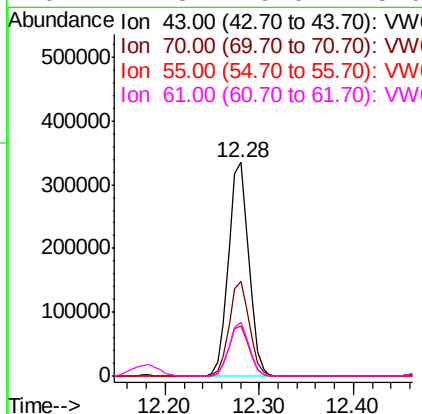
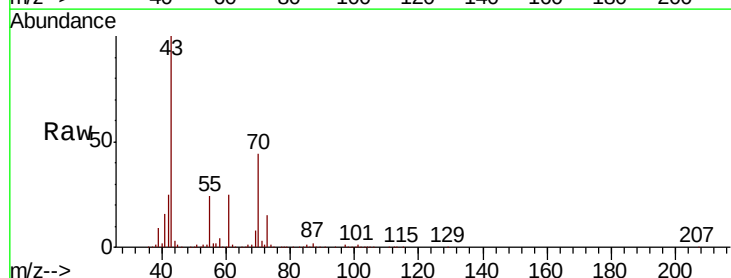
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

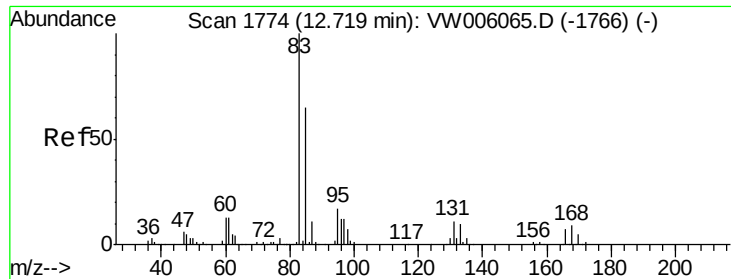
Tgt Ion:105 Resp: 2384680
Ion Ratio Lower Upper
105 100
120 27.4 13.6 40.7



#74
N-ethyl acetate
Concen: 133.236 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Tgt Ion: 43 Resp: 501482
Ion Ratio Lower Upper
43 100
70 43.9 34.2 51.4
55 23.9 19.2 28.8
61 24.8 19.0 28.6

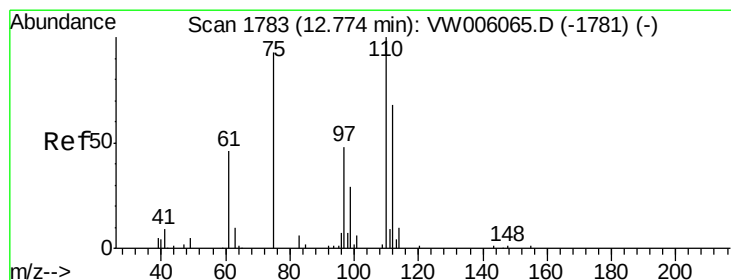
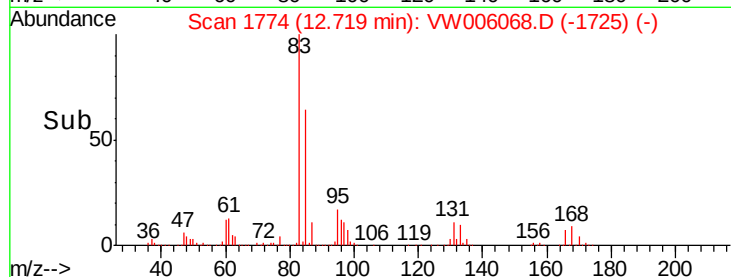
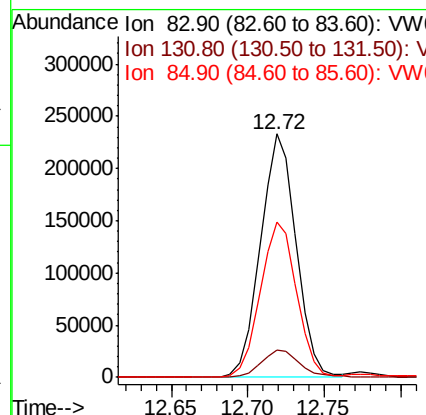
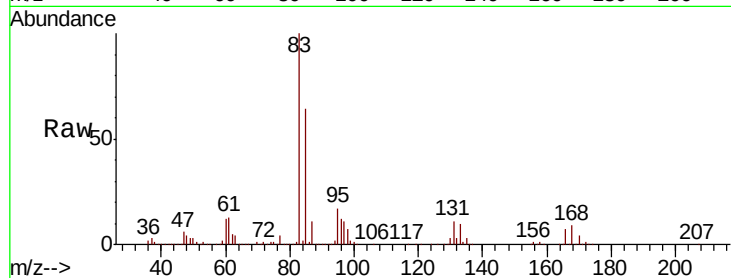




#75
 1,1,2,2-Tetrachloroethane
 Concen: 143.002 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

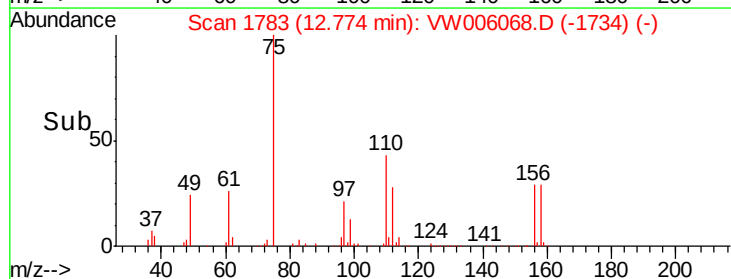
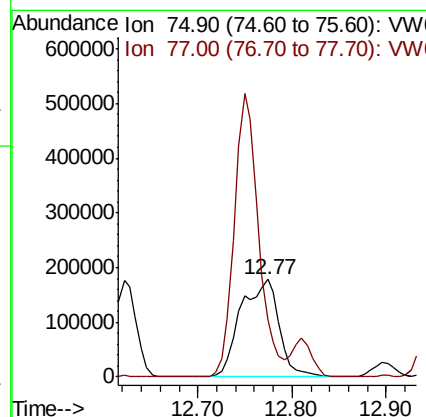
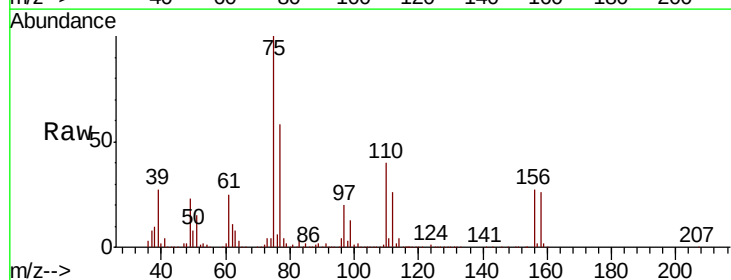
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

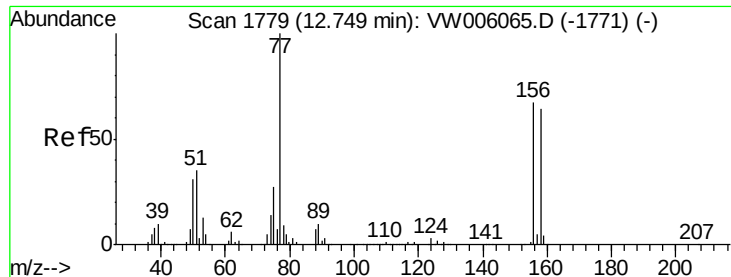
Tgt Ion: 83 Resp: 378508
 Ion Ratio Lower Upper
 83 100
 131 12.2 5.9 17.7
 85 65.0 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 260.057 ug/l
 RT: 12.77 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Tgt Ion: 75 Resp: 505116
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 151.242 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

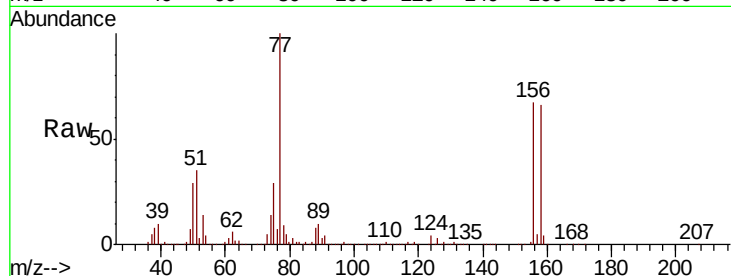
Tgt Ion:156 Resp: 585617

Ion Ratio Lower Upper

156 100

77 159.8 79.1 237.4

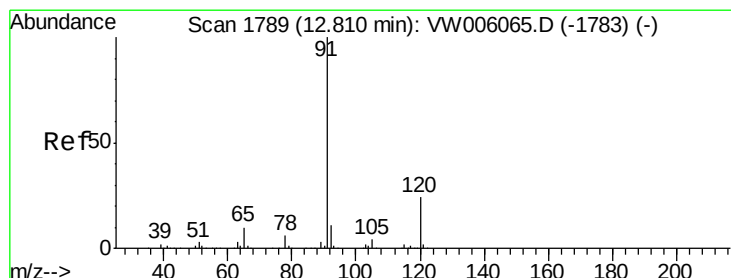
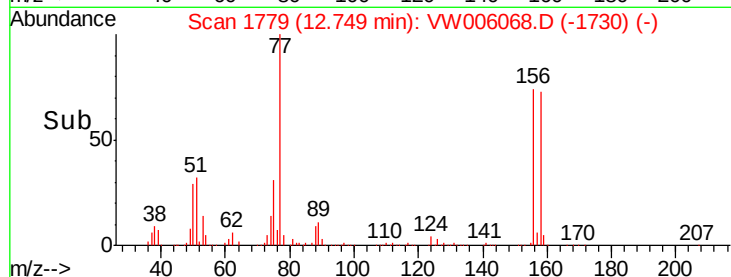
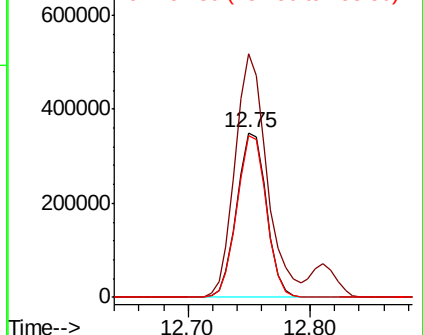
158 97.8 48.5 145.6



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: 140.822 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006068.D

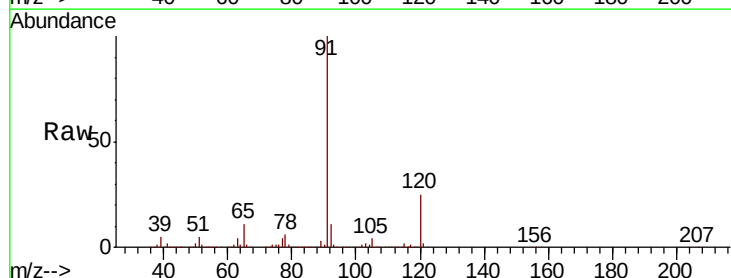
Acq: 15 Oct 2018 19:38

Tgt Ion: 91 Resp: 2689526

Ion Ratio Lower Upper

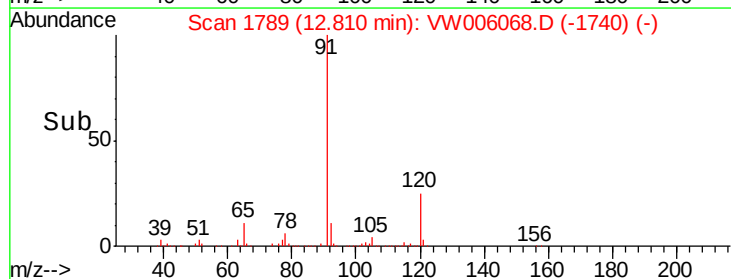
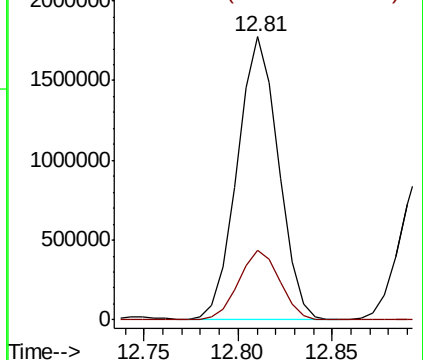
91 100

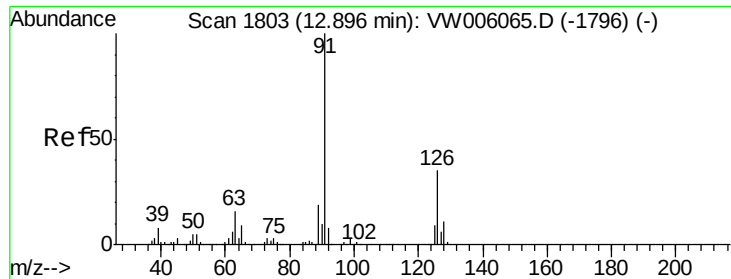
120 24.6 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 141.984 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

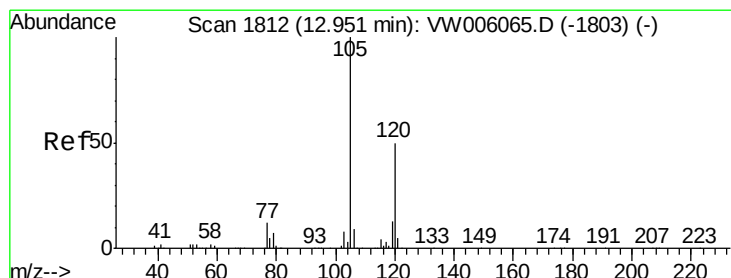
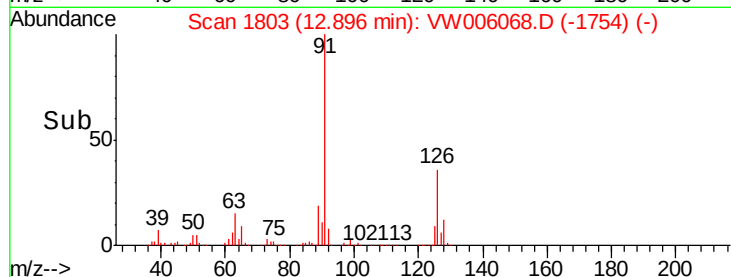
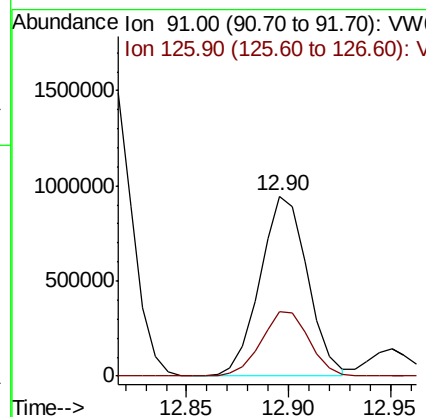
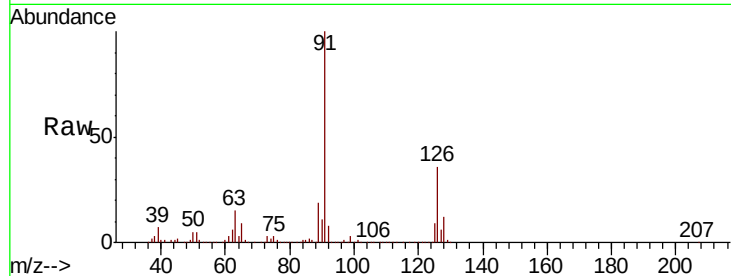
VSTDIC150

Tgt Ion: 91 Resp: 1532646

Ion Ratio Lower Upper

91 100

126 36.3 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 143.717 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006068.D

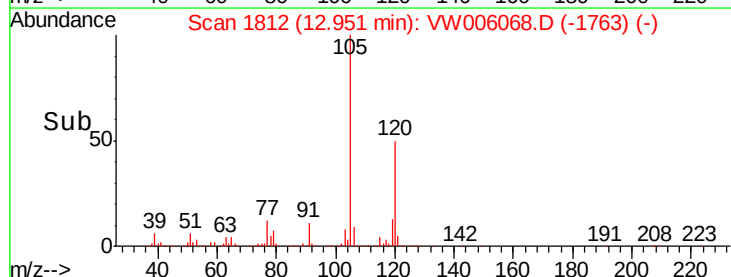
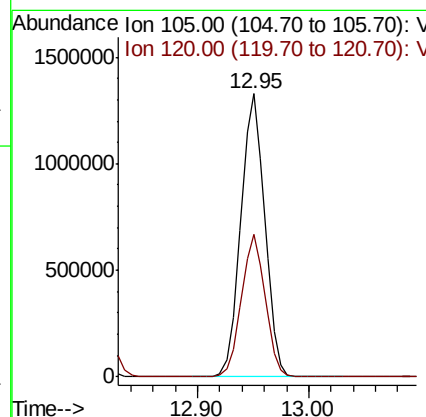
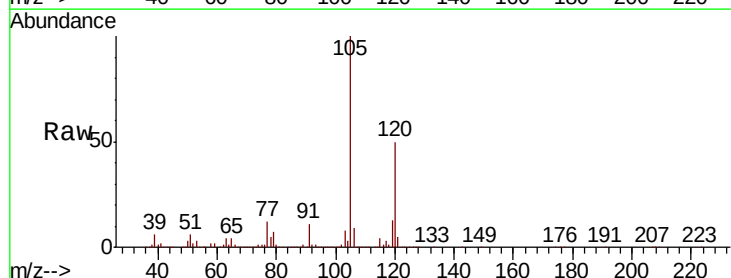
Acq: 15 Oct 2018 19:38

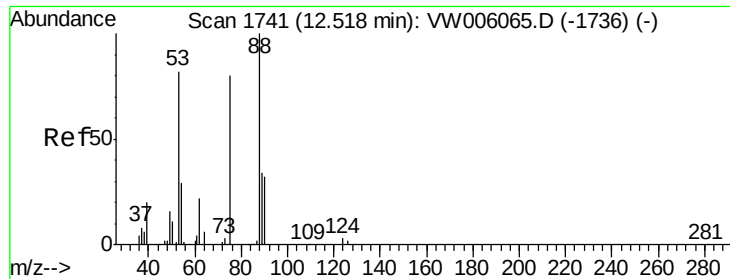
Tgt Ion: 105 Resp: 1974334

Ion Ratio Lower Upper

105 100

120 49.9 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 136.375 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

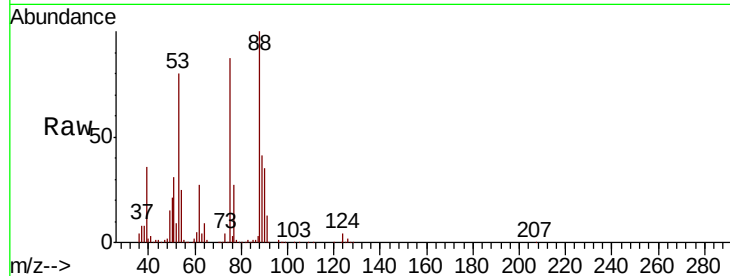
Tgt Ion: 75 Resp: 124754

Ion Ratio Lower Upper

75 100

53 95.0 79.8 119.6

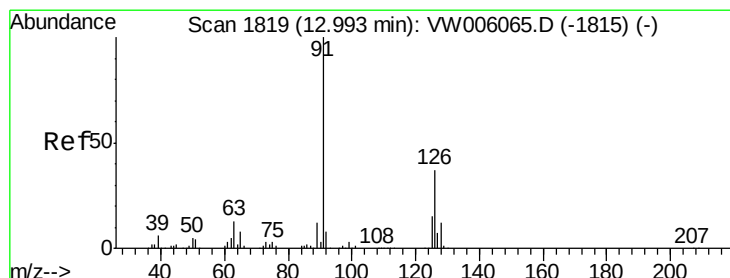
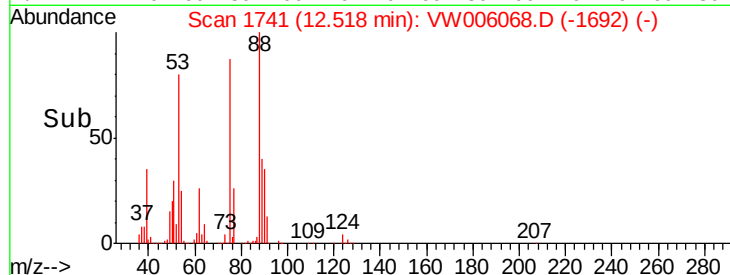
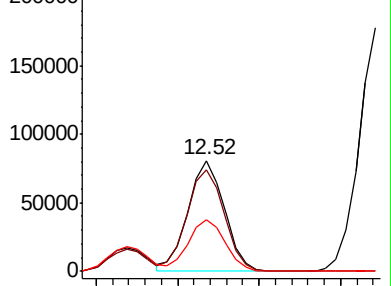
89 47.2 37.5 56.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 141.809 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006068.D

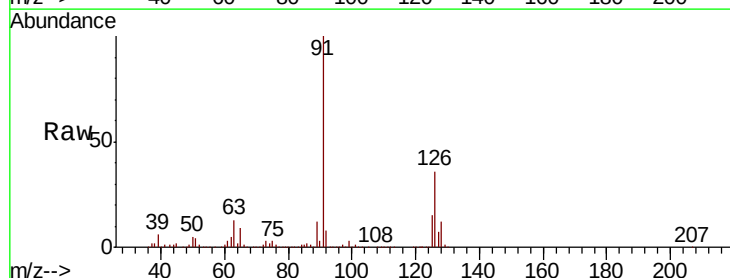
Acq: 15 Oct 2018 19:38

Tgt Ion: 91 Resp: 1604032

Ion Ratio Lower Upper

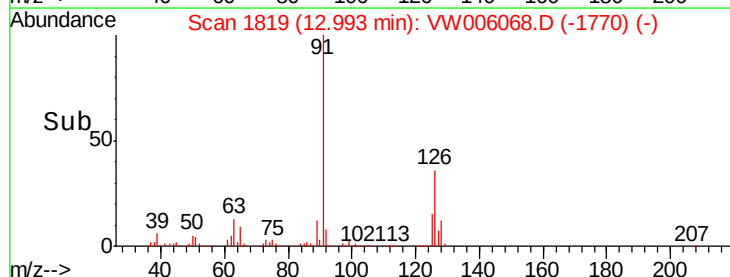
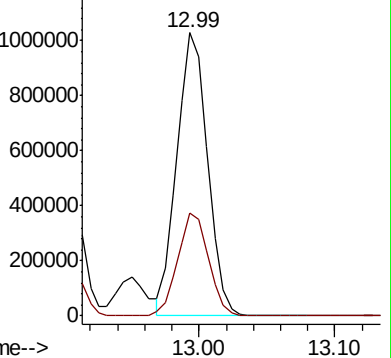
91 100

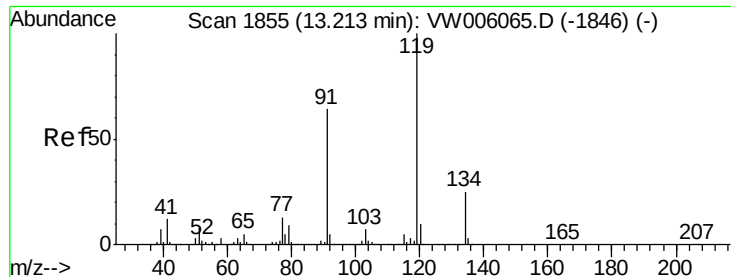
126 36.7 18.1 54.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

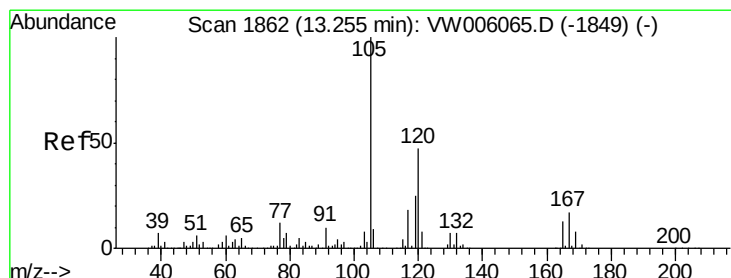
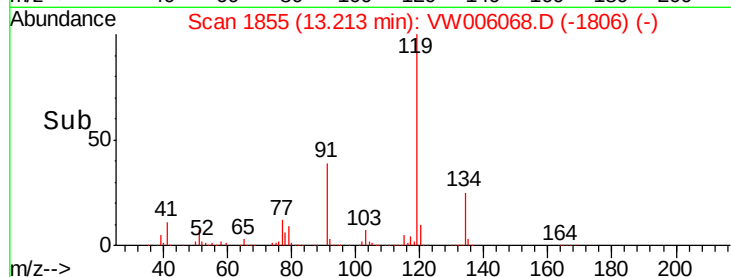
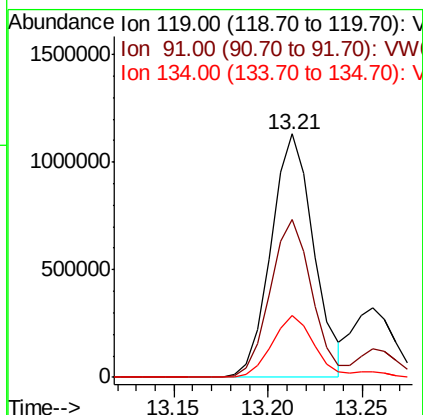
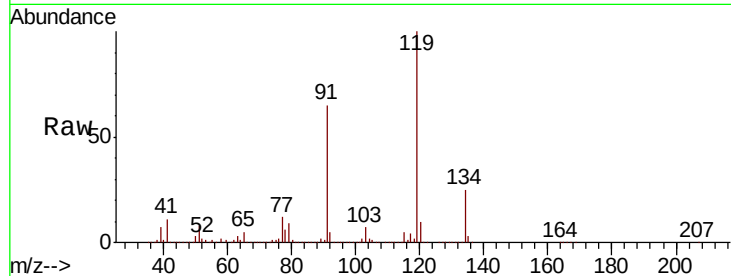




#83
 tert-Butylbenzene
 Concen: 145.585 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

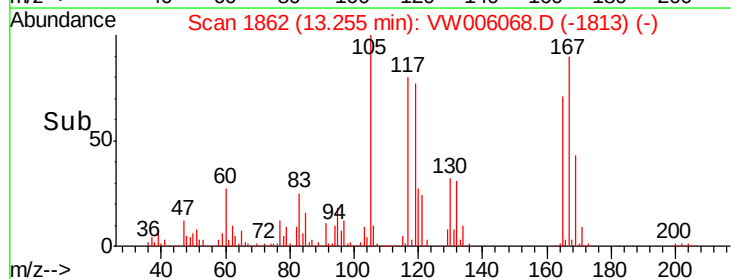
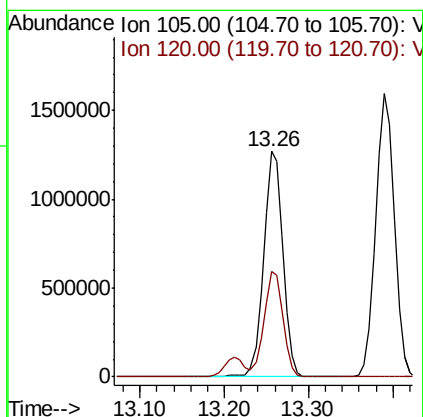
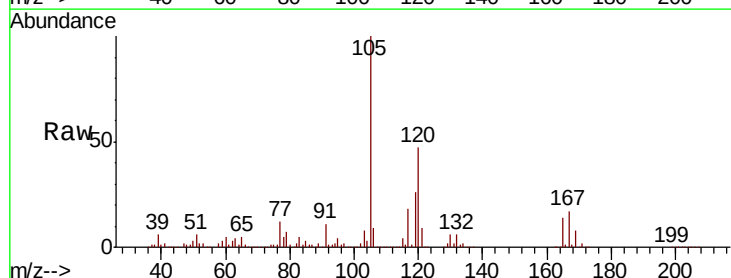
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

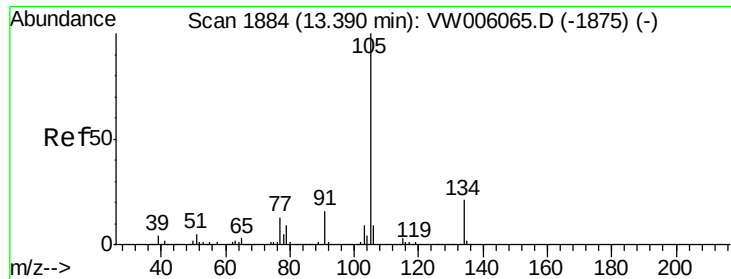
Tgt Ion:119 Resp: 1776702
 Ion Ratio Lower Upper
 119 100
 91 64.4 32.3 96.9
 134 26.9 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 143.456 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Tgt Ion:105 Resp: 1985880
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.3





#85

sec-Butylbenzene

Concen: 143.160 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

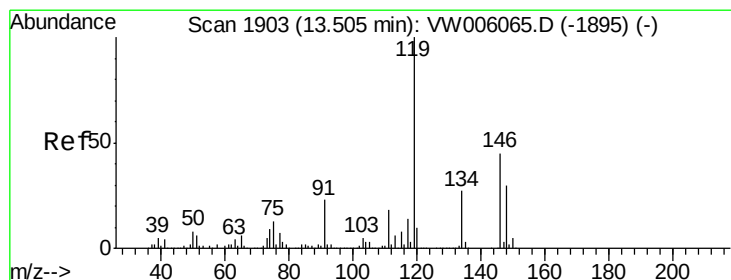
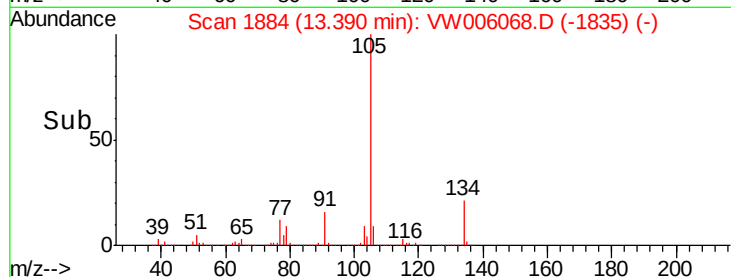
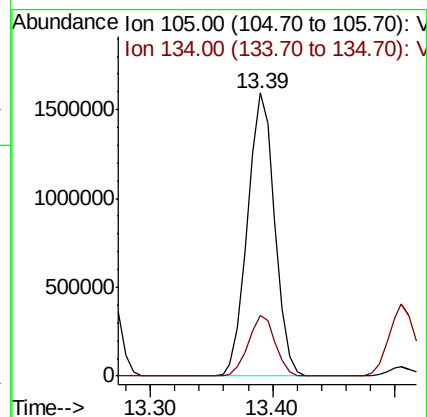
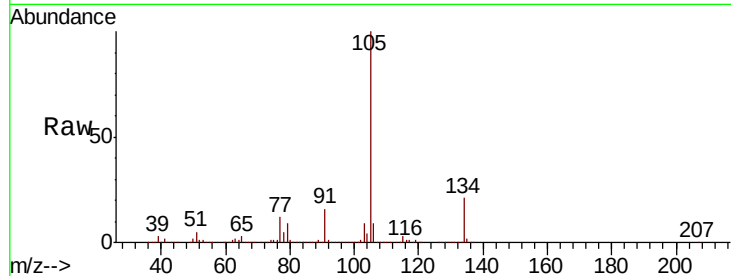
VSTDIC150

Tgt Ion:105 Resp: 2454359

Ion Ratio Lower Upper

105 100

134 21.3 10.5 31.6



#86

p-Isopropyltoluene

Concen: 144.050 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

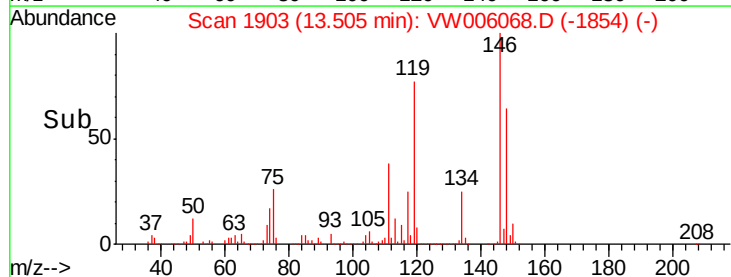
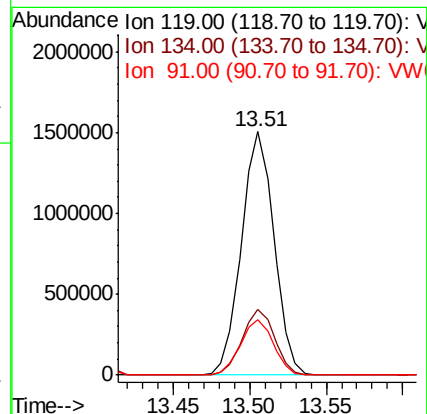
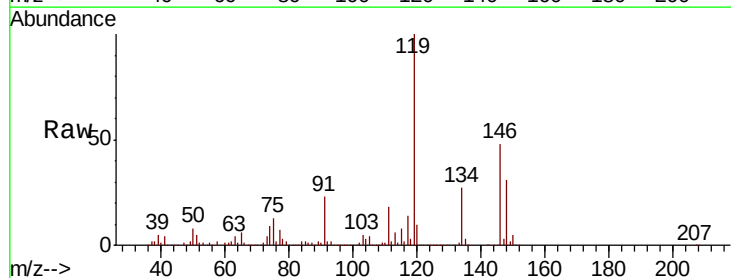
Tgt Ion:119 Resp: 2224218

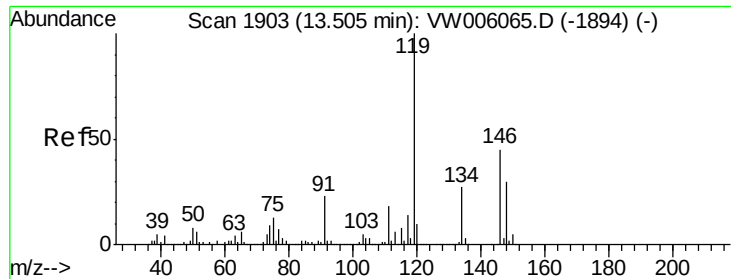
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.2

91 23.0 11.4 34.1

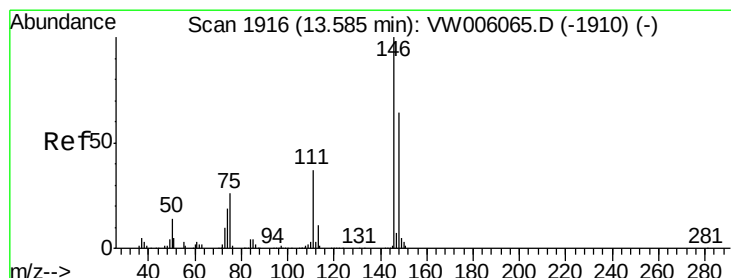
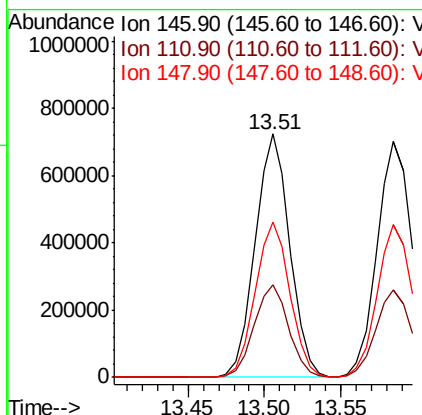
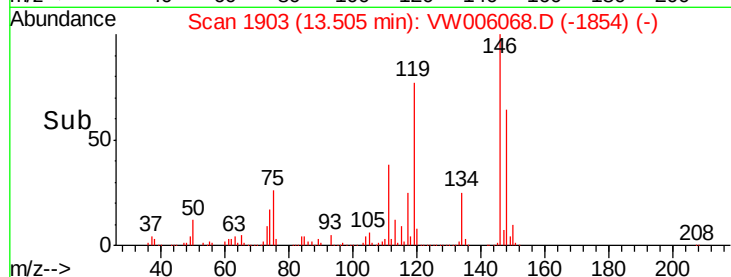
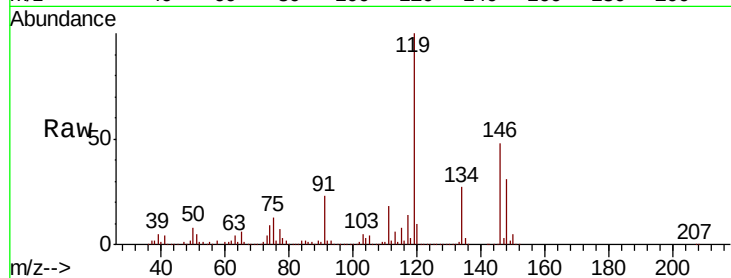




#87
 1,3-Dichlorobenzene
 Concen: 148.068 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

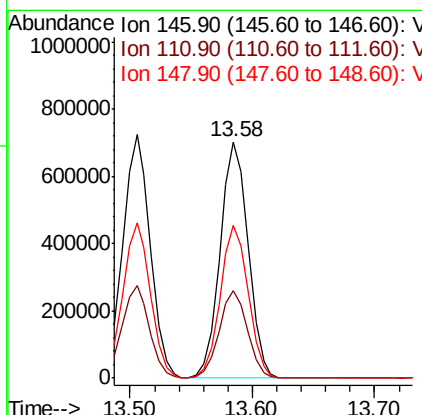
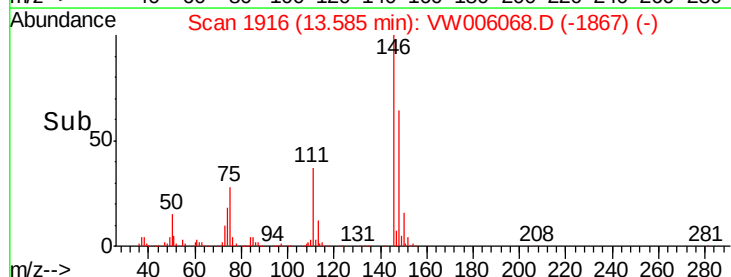
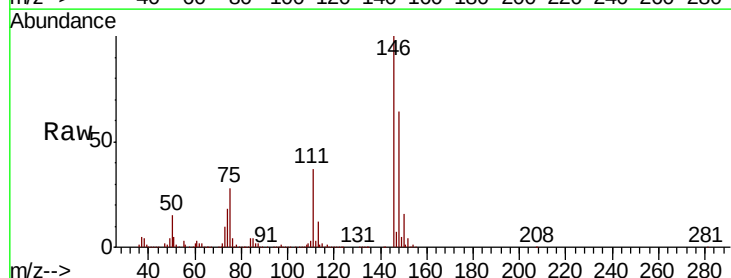
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

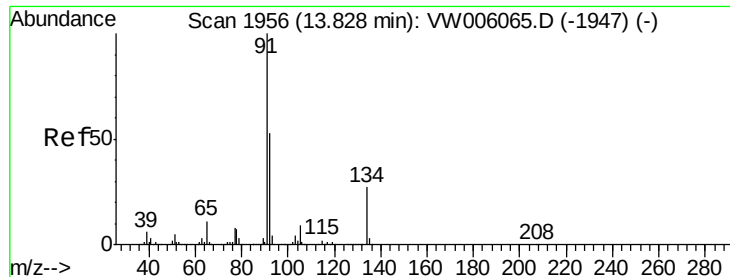
Tgt Ion:146 Resp: 1137588
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.1 57.5
 148 64.1 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 145.897 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Tgt Ion:146 Resp: 1113743
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.6 56.0
 148 64.2 32.1 96.5





#89

n-Butylbenzene

Concen: 137.902 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006068.D

Acq: 15 Oct 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

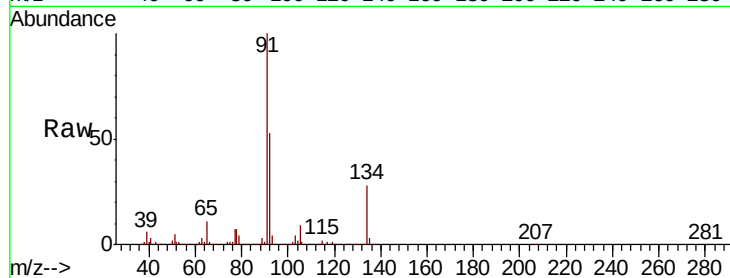
Tgt Ion: 91 Resp: 1994333

Ion Ratio Lower Upper

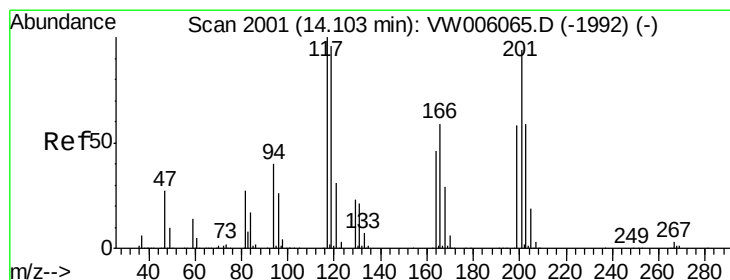
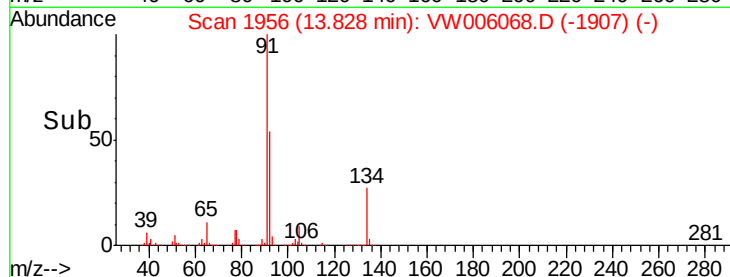
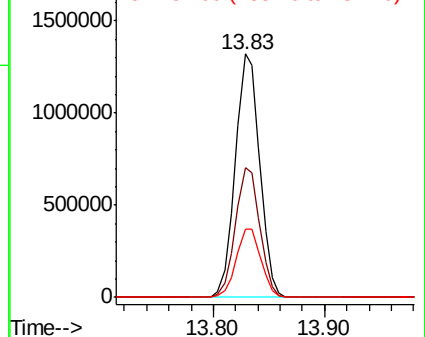
91 100

92 53.3 26.6 79.7

134 28.6 14.0 41.9



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: 140.461 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.00 min

Lab File: VW006068.D

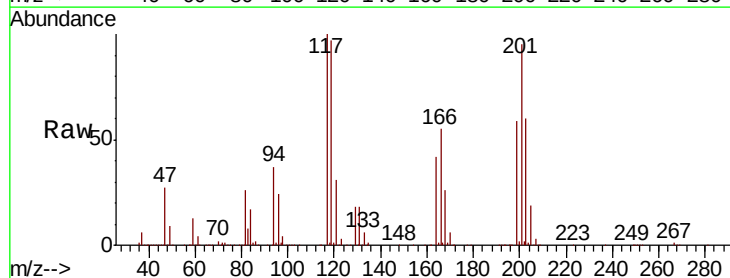
Acq: 15 Oct 2018 19:38

Tgt Ion: 117 Resp: 403477

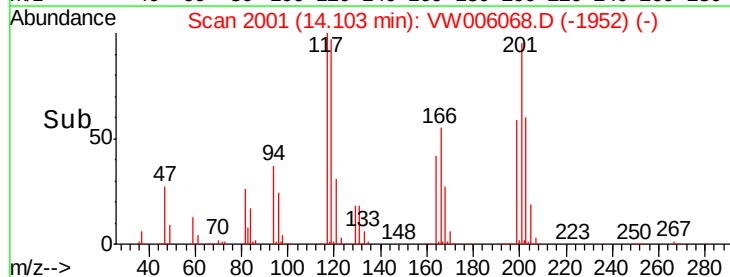
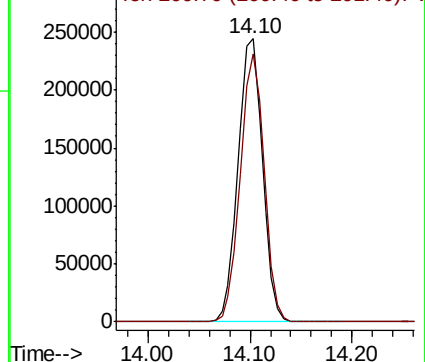
Ion Ratio Lower Upper

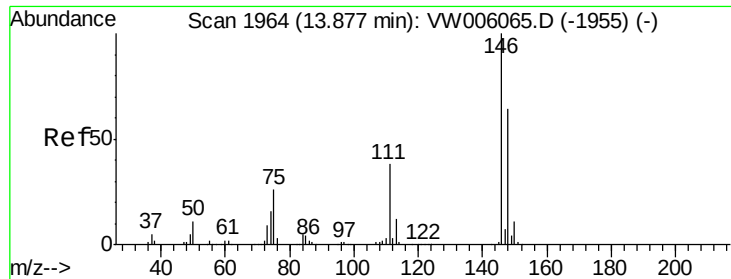
117 100

201 92.5 45.3 135.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

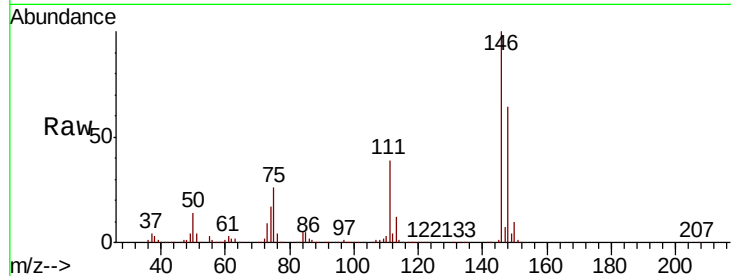




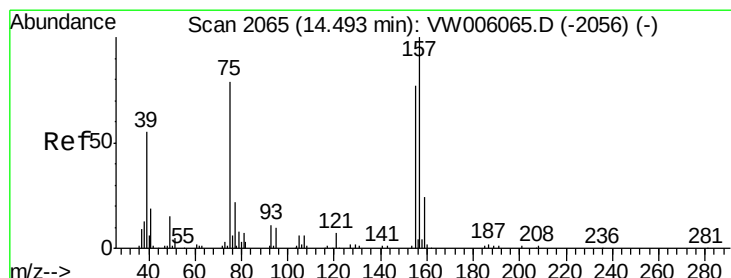
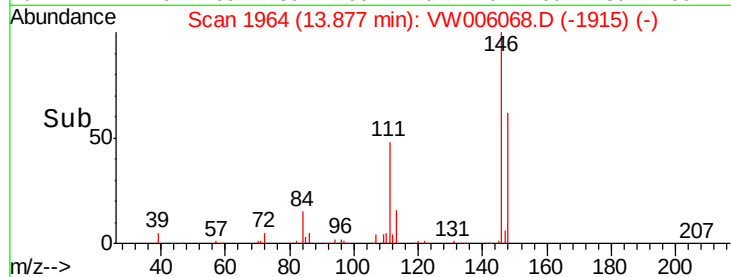
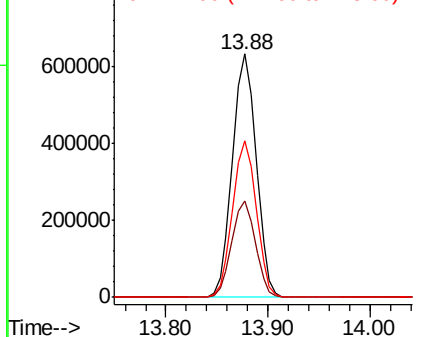
#91
 1,2-Dichlorobenzene
 Concen: 149.212 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:146 Resp: 1019657
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.6 58.7
 148 64.1 32.2 96.6

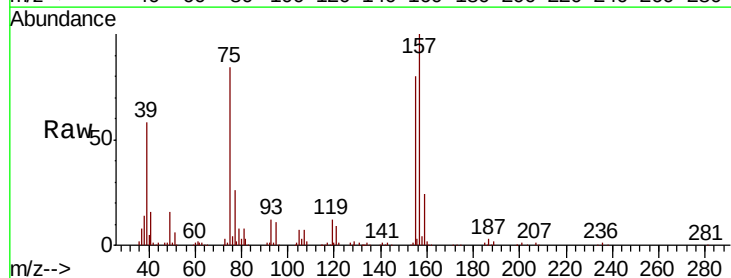


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

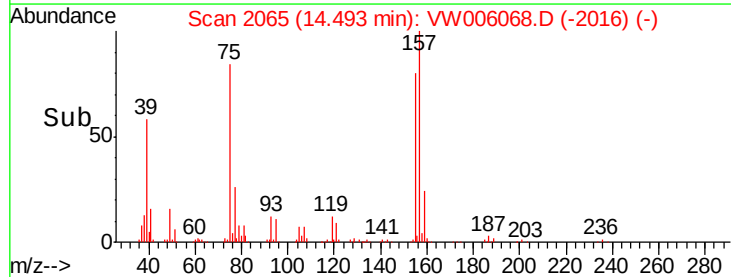
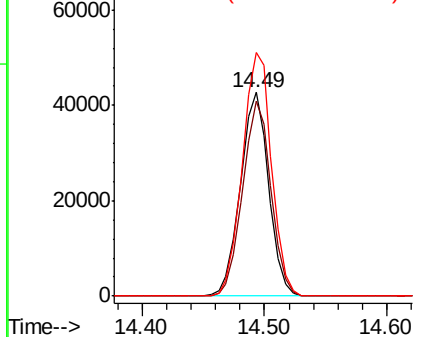


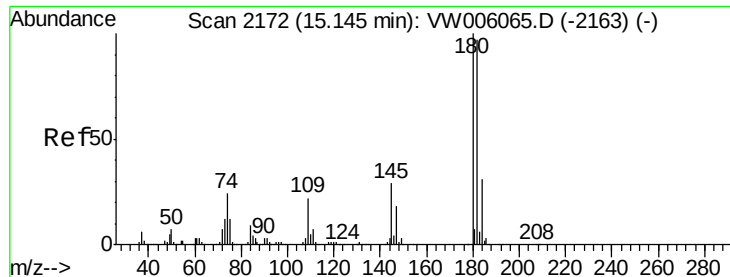
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 139.717 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Tgt Ion: 75 Resp: 68412
 Ion Ratio Lower Upper
 75 100
 155 96.1 46.5 139.5
 157 123.2 59.8 179.4



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

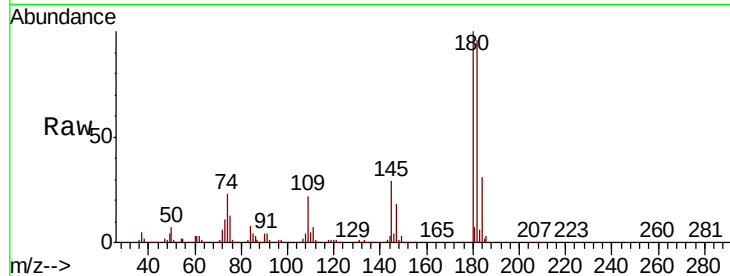




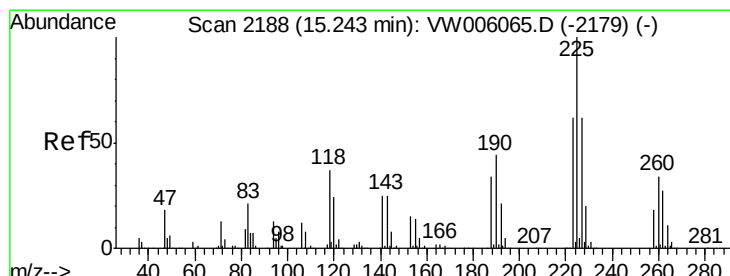
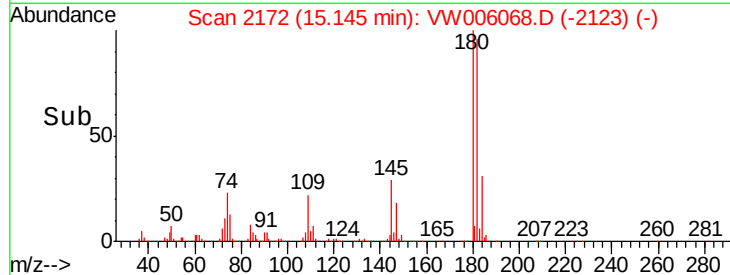
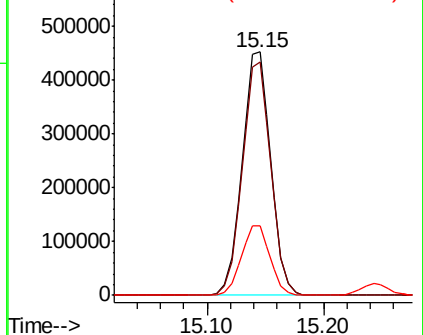
#93
 1,2,4-Trichlorobenzene
 Concen: 146.469 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 770618
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.9 143.6
 145 28.9 14.2 42.8

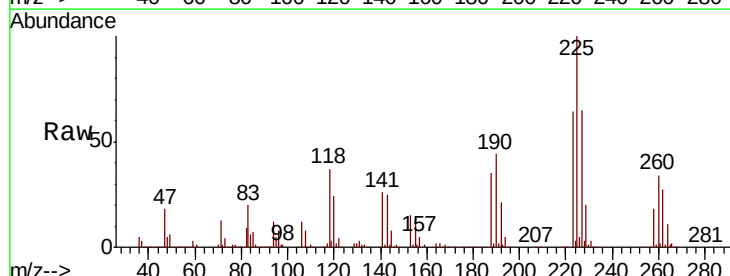


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

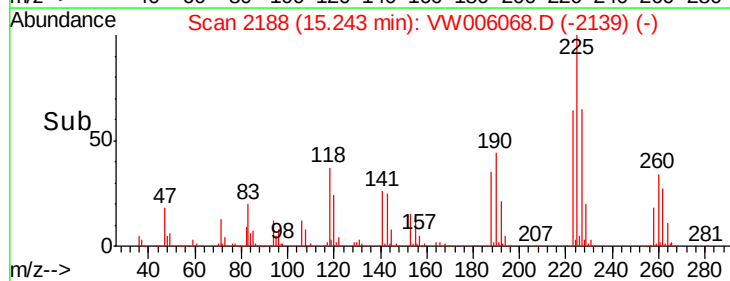
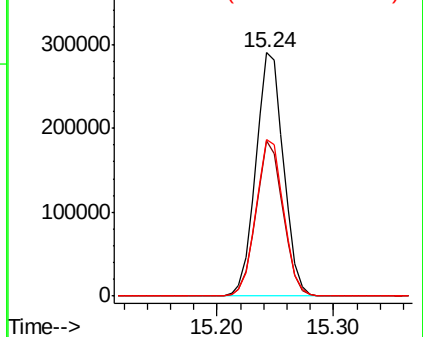


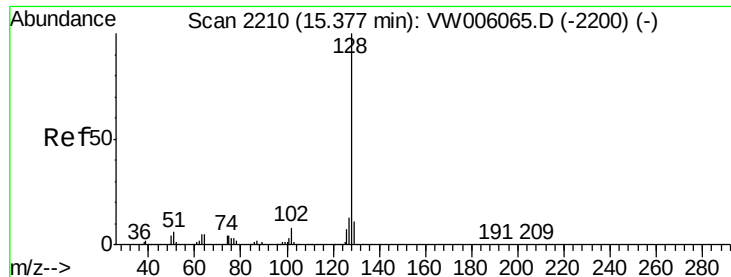
#94
 Hexachlorobutadiene
 Concen: 146.383 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006068.D
 Acq: 15 Oct 2018 19:38

Tgt Ion:225 Resp: 480983
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.1 93.5
 227 64.1 32.4 97.0



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

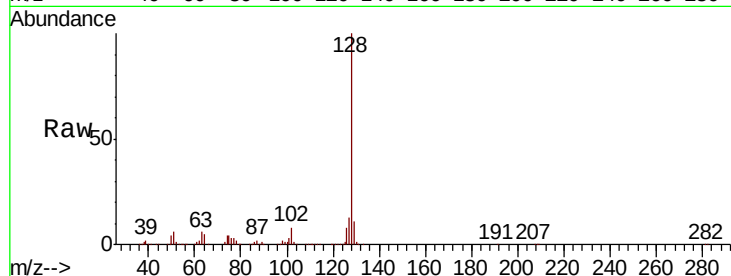




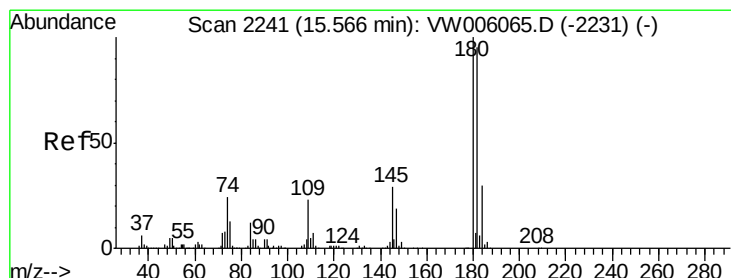
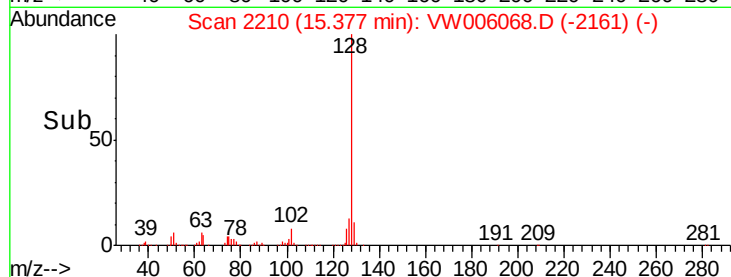
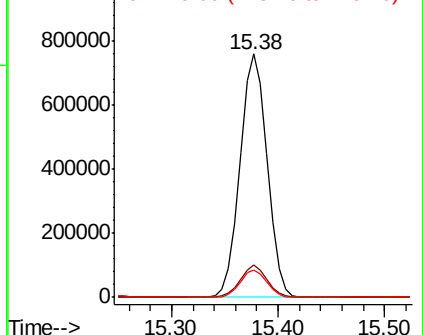
#95
Naphthalene
Concen: 150.373 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1359518
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.7 13.1

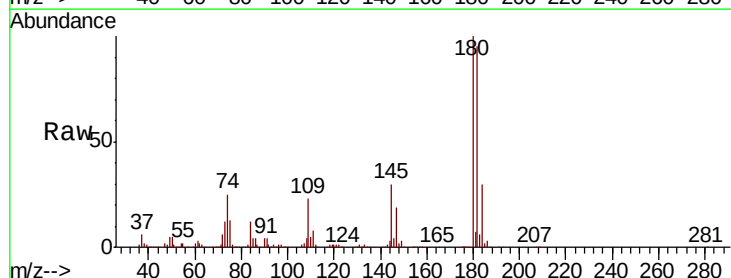


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 150.565 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006068.D
Acq: 15 Oct 2018 19:38

Tgt Ion:180 Resp: 686173
Ion Ratio Lower Upper
180 100
182 94.8 47.8 143.3
145 30.2 15.0 45.1



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

