

Data File : VW005912.D
Acq On : 09 Oct 2018 00:36
Operator : SY/AP
Sample : VW1008SBS02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS02

Quant Time: Oct 09 06:14:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	262081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	390061	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	357957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	196673	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	121891	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
35) Dibromofluoromethane	7.88	113	122675	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
50) Toluene-d8	10.33	98	471427	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
62) 4-Bromofluorobenzene	12.62	95	172923	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	21898	17.050	ug/l	95
3) Chloromethane	2.21	50	26793	17.736	ug/l	98
4) Vinyl Chloride	2.37	62	45150	18.826	ug/l	95
5) Bromomethane	2.78	94	41750	22.057	ug/l	100
6) Chloroethane	2.93	64	31603	20.682	ug/l	99
7) Trichlorofluoromethane	3.26	101	34901	18.333	ug/l	93
8) Diethyl Ether	3.68	74	23078	19.697	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44175	18.387	ug/l	99
10) Methyl Iodide	4.26	142	75205	19.140	ug/l	99
11) Tert butyl alcohol	5.23	59	17801	95.468	ug/l #	91
12) 1,1-Dichloroethene	4.04	96	42156	18.272	ug/l	89
13) Acrolein	3.90	56	14687	88.389	ug/l	94
14) Allyl chloride	4.67	41	64669	16.437	ug/l	98
15) Acrylonitrile	5.37	53	47837	93.817	ug/l	99
16) Acetone	4.14	43	40854	80.391	ug/l	100
17) Carbon Disulfide	4.38	76	116499	16.702	ug/l	97
18) Methyl Acetate	4.68	43	22156	17.277	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	71411	19.895	ug/l	98
20) Methylene Chloride	4.91	84	49789	19.555	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	46746	18.590	ug/l	99
22) Diisopropyl ether	6.32	45	137292	18.667	ug/l	98
23) Vinyl Acetate	6.26	43	407225	89.958	ug/l	99
24) 1,1-Dichloroethane	6.21	63	82314	18.288	ug/l	99
25) 2-Butanone	7.18	43	63723	88.160	ug/l	100
26) 2,2-Dichloropropane	7.17	77	53300	16.827	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	54664	19.223	ug/l	97
28) Bromochloromethane	7.51	49	32267	19.422	ug/l	95
29) Tetrahydrofuran	7.54	42	41957	91.825	ug/l	98
30) Chloroform	7.68	83	88347	19.110	ug/l	100
31) Cyclohexane	7.96	56	75143	16.870	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	77680	18.868	ug/l	99
36) 1,1-Dichloropropene	8.08	75	66947	17.912	ug/l	99
37) Ethyl Acetate	7.26	43	28889	18.252	ug/l	98
38) Carbon Tetrachloride	8.07	117	73585	18.325	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	85922	17.429	ug/l	96
40) Benzene	8.32	78	190338	18.607	ug/l	99
41) Methacrylonitrile	7.49	41	16911	17.066	ug/l	95
42) 1,2-Dichloroethane	8.40	62	57296	18.540	ug/l	99
43) Isopropyl Acetate	8.43	43	59797	18.086	ug/l	99
44) Trichloroethene	9.09	130	56133	18.913	ug/l	96
45) 1,2-Dichloropropane	9.37	63	47894	18.705	ug/l	96
46) Dibromomethane	9.46	93	27051	19.222	ug/l	98
47) Bromodichloromethane	9.65	83	65125	18.390	ug/l	98
48) Methyl methacrylate	9.44	41	27897	17.712	ug/l	96
49) 1,4-Dioxane	9.48	88	8776	410.548	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	149704	92.983	ug/l	99
52) Toluene	10.39	92	125679	18.701	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	65318	17.650	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	74885	18.001	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	37071	19.018	ug/l	99
56) Ethyl methacrylate	10.65	69	47964	18.257	ug/l	98
57) 1,3-Dichloropropane	10.93	76	60984	18.597	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	104501	97.758	ug/l	99
59) 2-Hexanone	10.98	43	102176	88.510	ug/l	99
60) Dibromochloromethane	11.13	129	46890	18.642	ug/l	98
61) 1,2-Dibromoethane	11.24	107	36664	18.823	ug/l	99
64) Tetrachloroethene	10.87	164	52817	19.808	ug/l	99
65) Chlorobenzene	11.66	112	146962	19.167	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	53539	19.050	ug/l	99
67) Ethyl Benzene	11.74	91	251457	18.567	ug/l	97
68) m/p-Xylenes	11.84	106	196570	37.140	ug/l	99
69) o-Xylene	12.17	106	95428	18.833	ug/l	99
70) Styrene	12.18	104	155973	18.553	ug/l	98
71) Bromoform	12.35	173	30335	18.120	ug/l #	100
73) Isopropylbenzene	12.47	105	263674	18.357	ug/l	99
74) N-amyl acetate	12.28	43	59828	17.539	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	44069	18.719	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	57435	32.692	ug/l #	100
77) Bromobenzene	12.75	156	65230	19.169	ug/l	96
78) n-propylbenzene	12.81	91	307552	18.202	ug/l	100
79) 2-Chlorotoluene	12.90	91	174988	18.347	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	220741	18.203	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	12422	14.927	ug/l	92
82) 4-Chlorotoluene	12.99	91	182646	18.201	ug/l	98
83) tert-Butylbenzene	13.21	119	197957	18.354	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	225401	18.427	ug/l	99
85) sec-Butylbenzene	13.39	105	278515	18.397	ug/l	99
86) p-Isopropyltoluene	13.51	119	252101	18.517	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	126897	18.770	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	127962	19.047	ug/l	99
89) n-Butylbenzene	13.83	91	232409	18.110	ug/l	99
90) Hexachloroethane	14.10	117	44709	17.460	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	114885	19.140	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7848	17.888	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
Quantitation Report (Not Reviewed)

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ClientSampleId :
VW1008SBS02

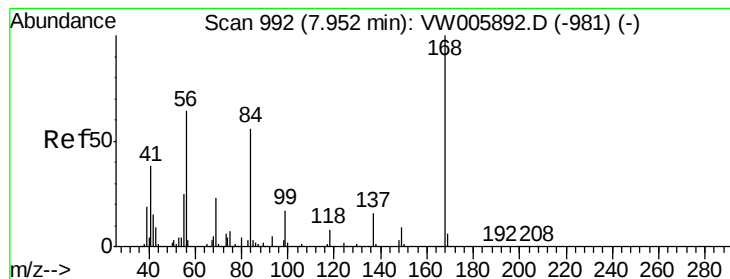
Quant Time: Oct 09 06:14:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	88752	19.070	ug/l	100
94) Hexachlorobutadiene	15.24	225	53727	18.495	ug/l	99
95) Naphthalene	15.38	128	156592	19.520	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	77920	19.336	ug/l	100

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampled :

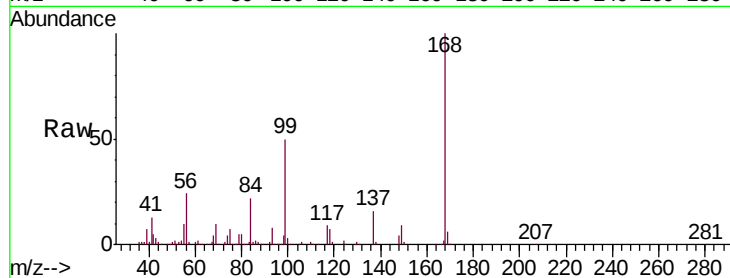
VW1008SBS02

Tgt Ion:168 Resp: 262081

Ion Ratio Lower Upper

168 100

99 50.3 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

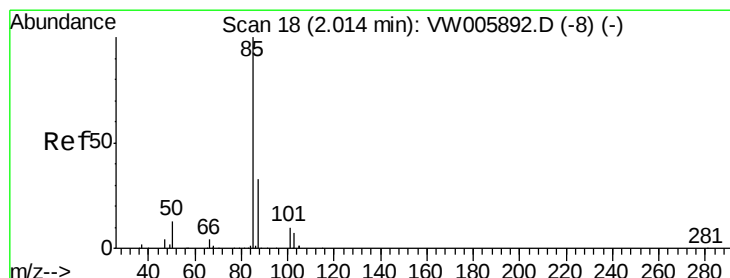
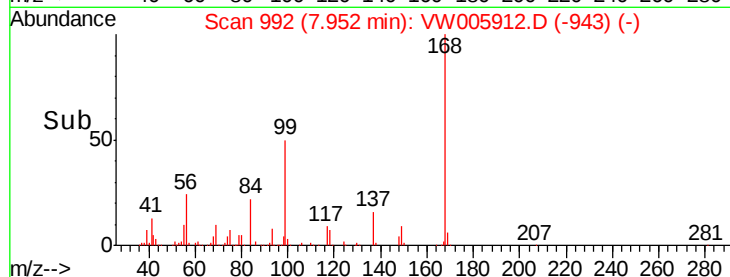
100000

50000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 17.050 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005912.D

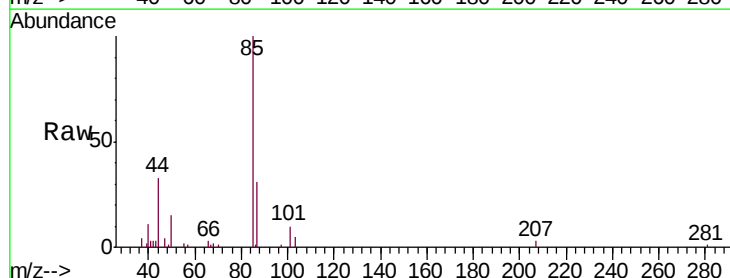
Acq: 09 Oct 2018 00:36

Tgt Ion: 85 Resp: 21898

Ion Ratio Lower Upper

85 100

87 30.6 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

5000

4000

3000

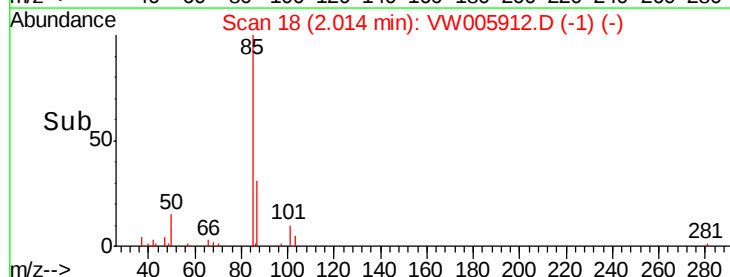
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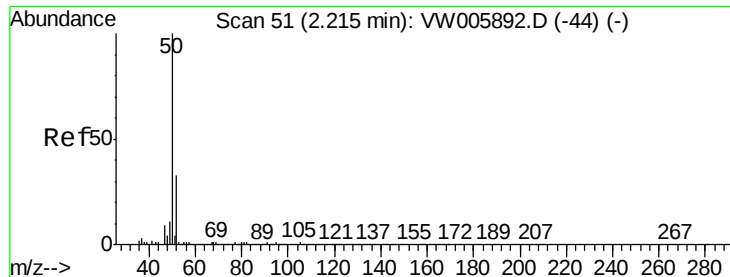
1000

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Time-->

1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 17.736 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

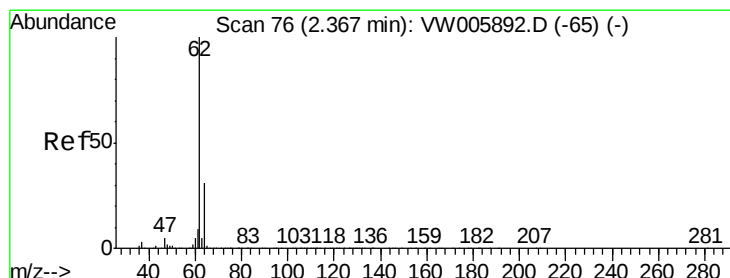
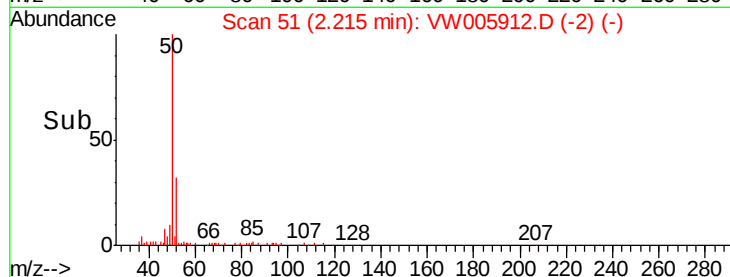
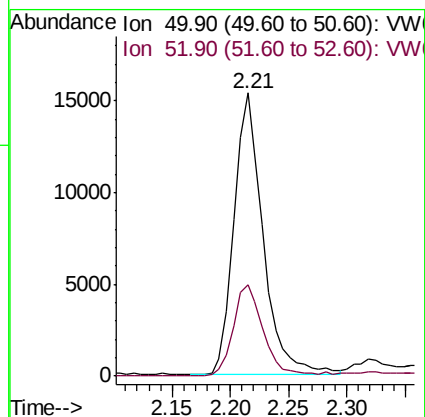
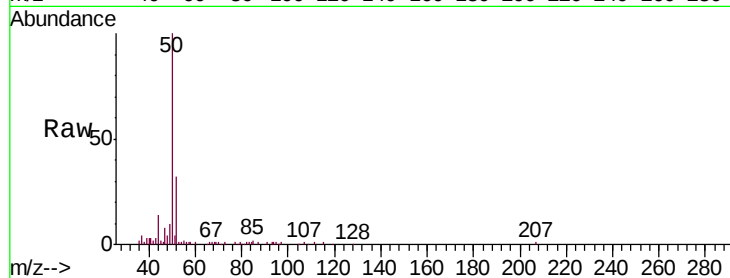
VW1008SBS02

Tgt Ion: 50 Resp: 26793

Ion Ratio Lower Upper

50 100

52 32.5 26.7 40.1



#4

Vinyl Chloride

Concen: 18.826 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW005912.D

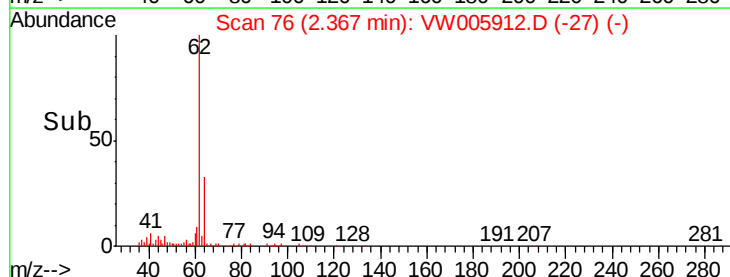
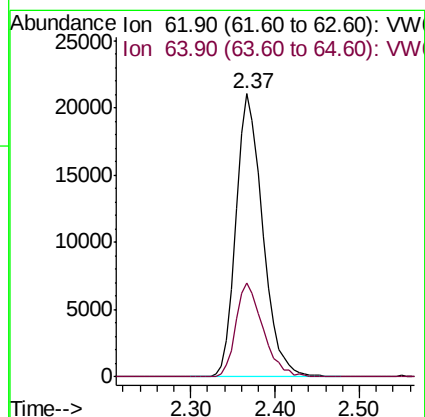
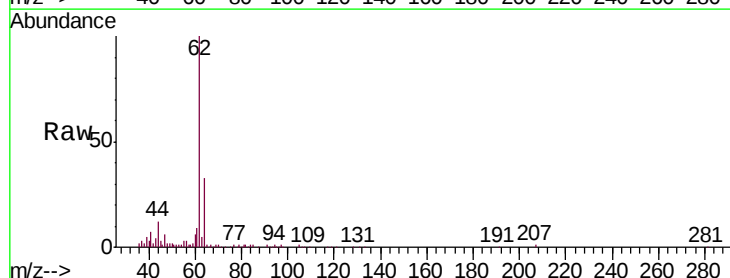
Acq: 09 Oct 2018 00:36

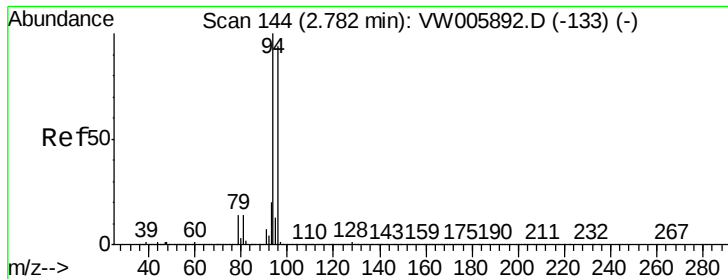
Tgt Ion: 62 Resp: 45150

Ion Ratio Lower Upper

62 100

64 33.3 24.6 36.8





#5

Bromomethane

Concen: 22.057 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

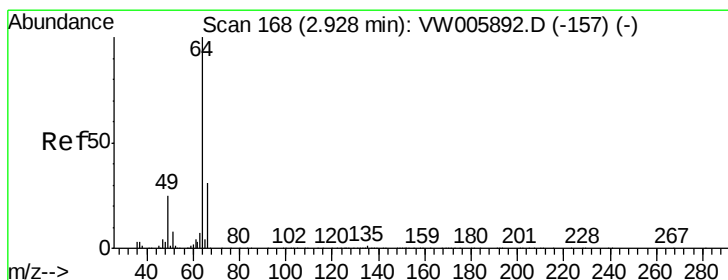
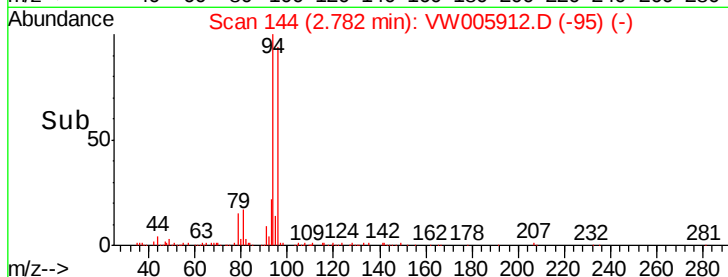
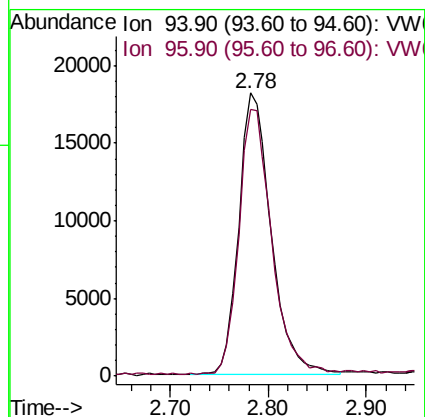
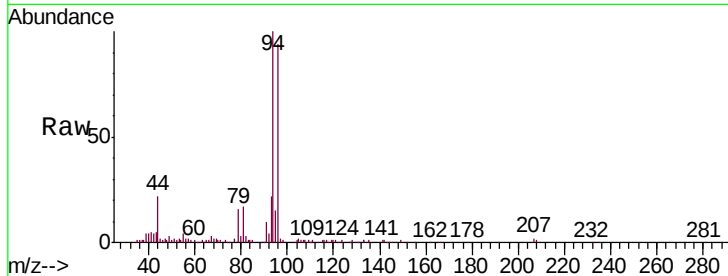
VW1008SBS02

Tgt Ion: 94 Resp: 41750

Ion Ratio Lower Upper

94 100

96 93.9 75.0 112.4



#6

Chloroethane

Concen: 20.682 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW005912.D

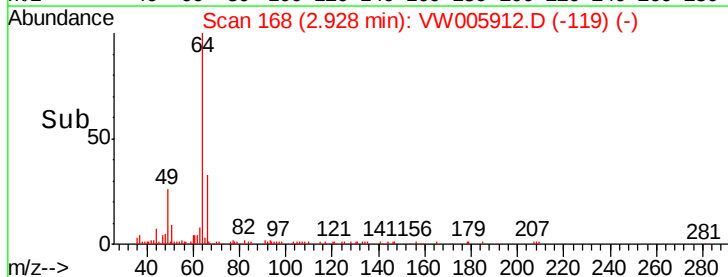
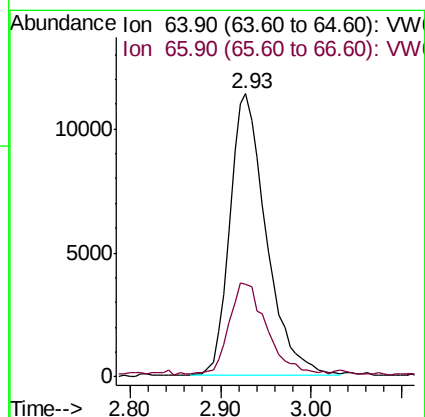
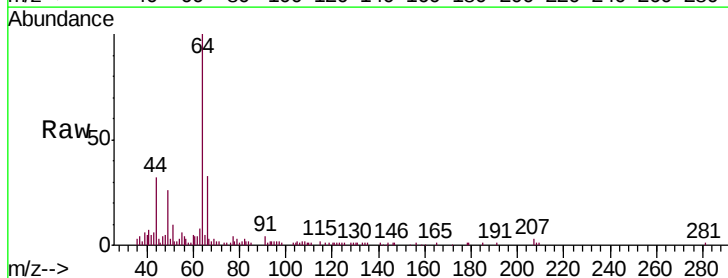
Acq: 09 Oct 2018 00:36

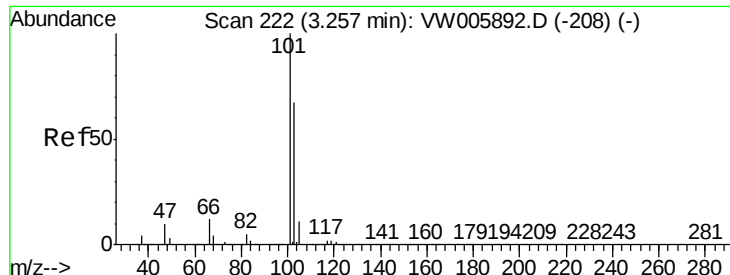
Tgt Ion: 64 Resp: 31603

Ion Ratio Lower Upper

64 100

66 31.6 25.0 37.4



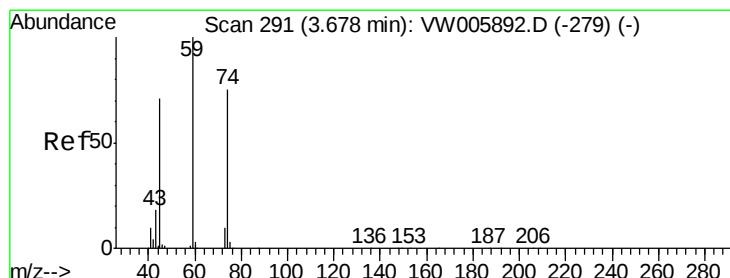
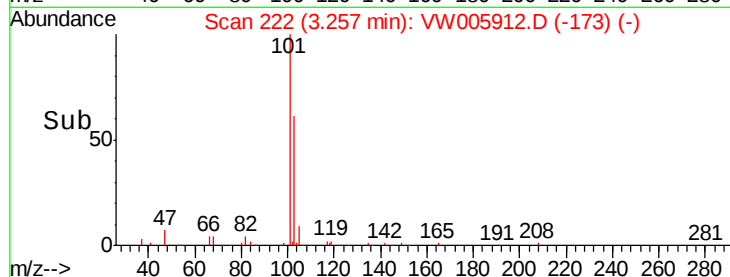
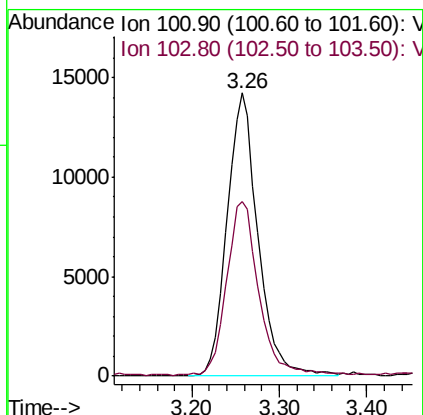
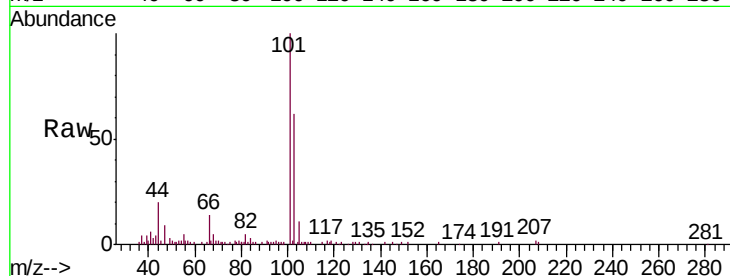


#7

Trichlorofluoromethane
Concen: 18.333 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW005912.D
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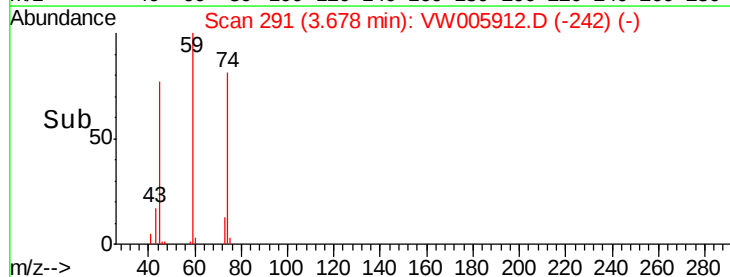
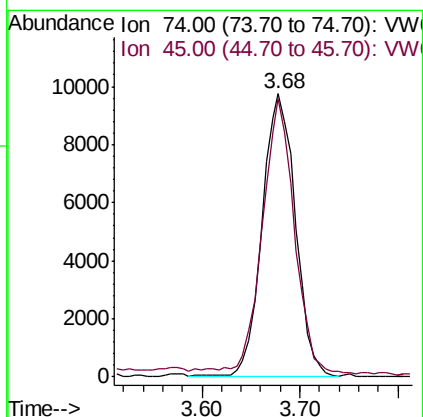
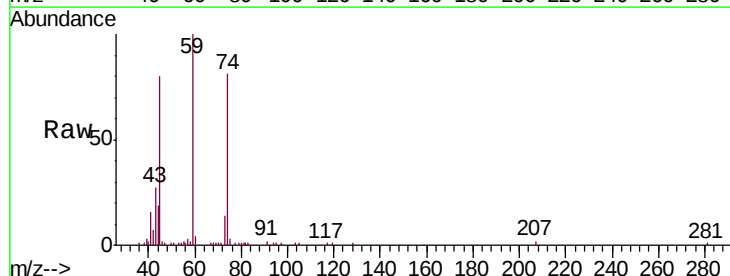
Tgt Ion: 101 Resp: 34901
Ion Ratio Lower Upper
101 100
103 61.2 53.5 80.3

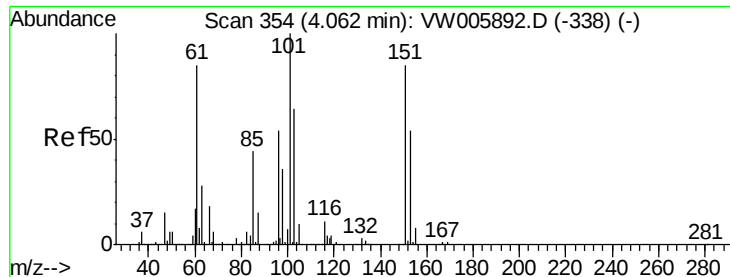


#8

Diethyl Ether
Concen: 19.697 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Tgt Ion: 74 Resp: 23078
Ion Ratio Lower Upper
74 100
45 92.4 46.8 140.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.387 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampled :

VW1008SBS02

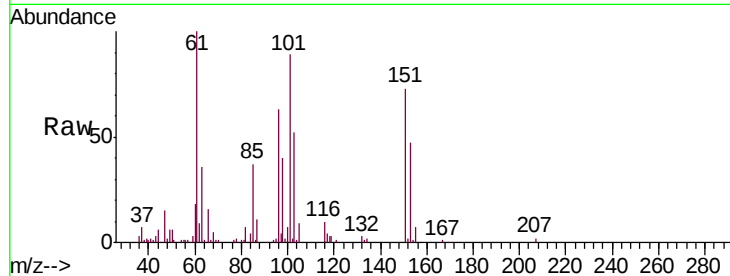
Tgt Ion:101 Resp: 44175

Ion Ratio Lower Upper

101 100

85 41.7 35.1 52.7

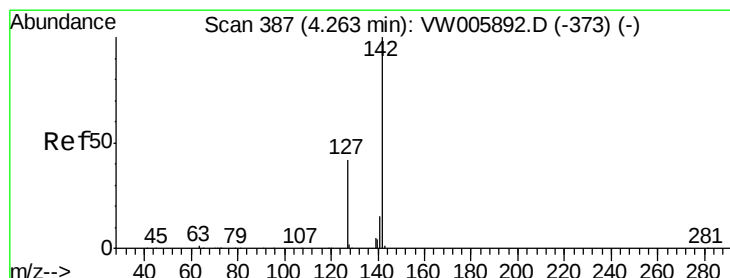
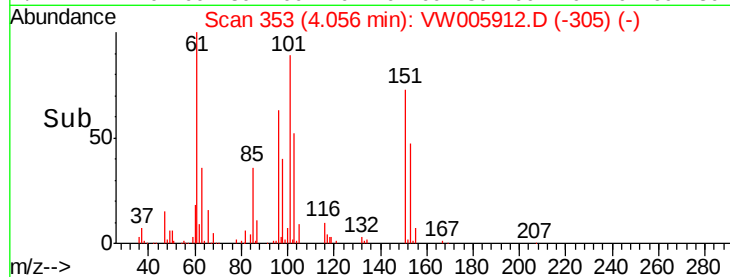
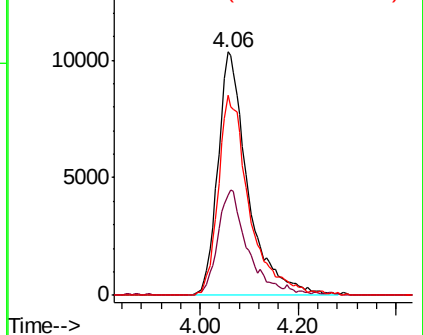
151 84.2 67.7 101.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.140 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

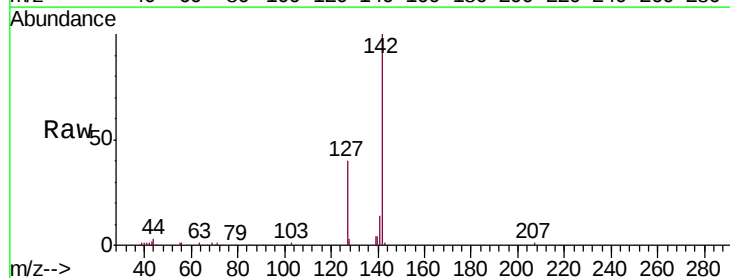
Tgt Ion:142 Resp: 75205

Ion Ratio Lower Upper

142 100

127 41.6 33.7 50.5

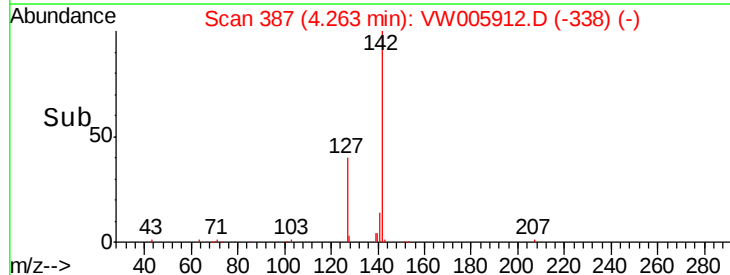
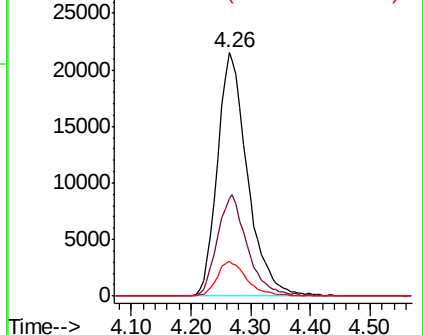
141 14.1 11.5 17.3

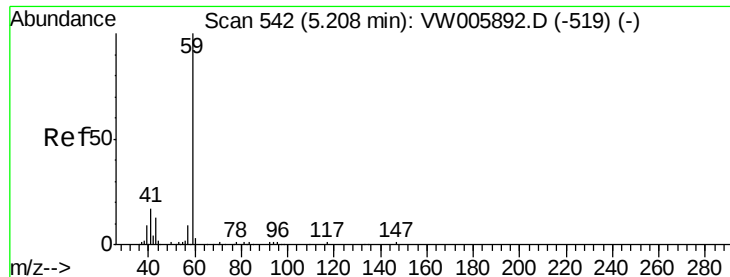


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



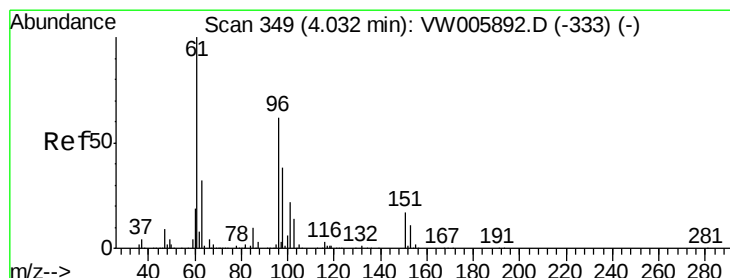
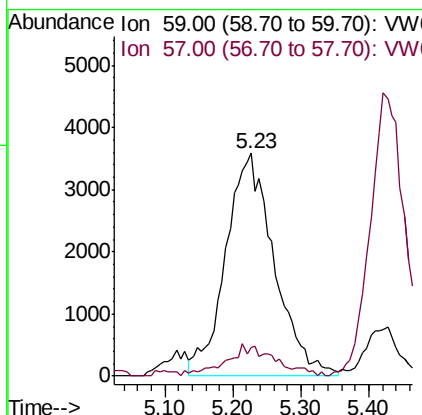
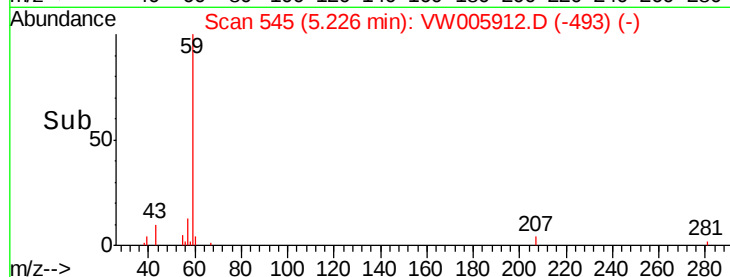
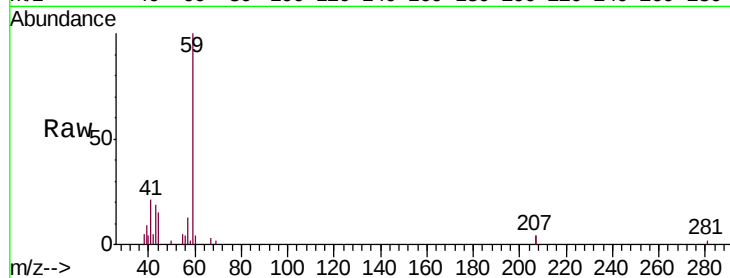


#11

Tert butyl alcohol
 Concen: 95.468 ug/l
 RT: 5.23 min Scan# 545
 Delta R.T. 0.02 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS02

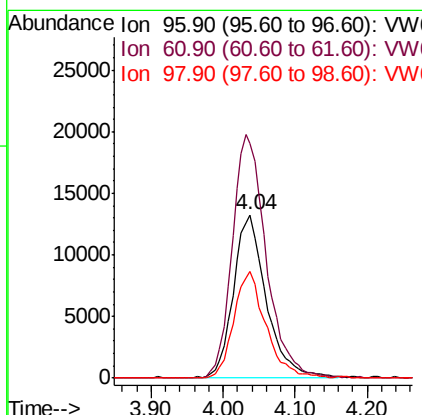
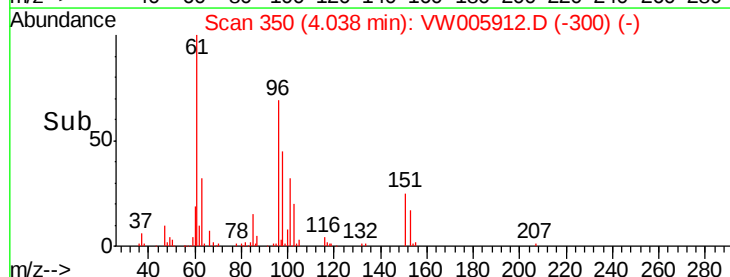
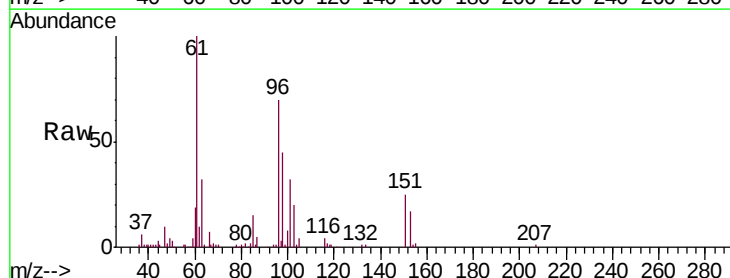
Tgt Ion: 59 Resp: 17801
 Ion Ratio Lower Upper
 59 100
 57 6.4 7.7 11.5#

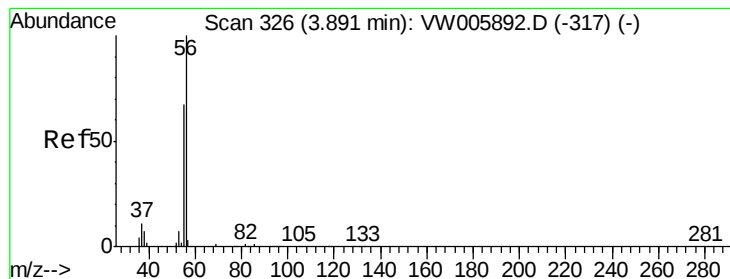


#12

1,1-Dichloroethene
 Concen: 18.272 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Tgt Ion: 96 Resp: 42156
 Ion Ratio Lower Upper
 96 100
 61 143.4 128.6 193.0
 98 65.0 49.4 74.0





#13

Acrolein

Concen: 88.389 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

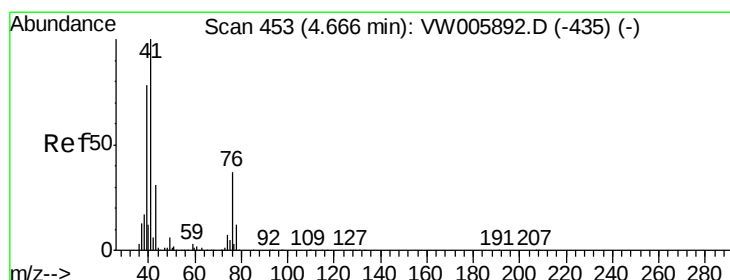
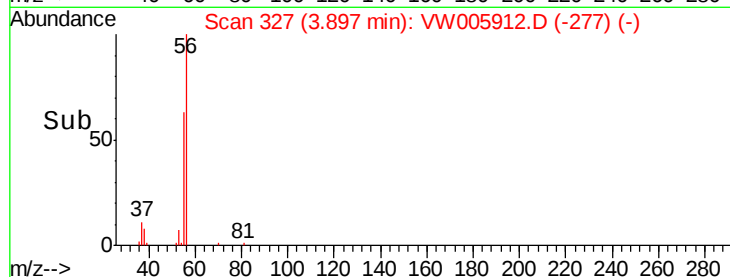
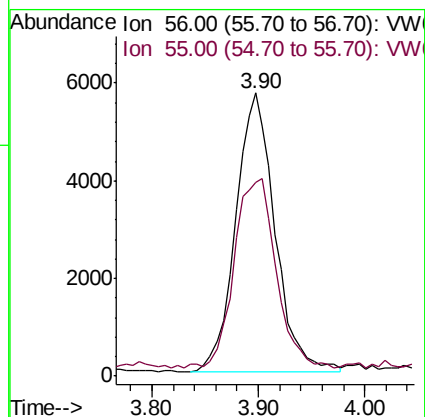
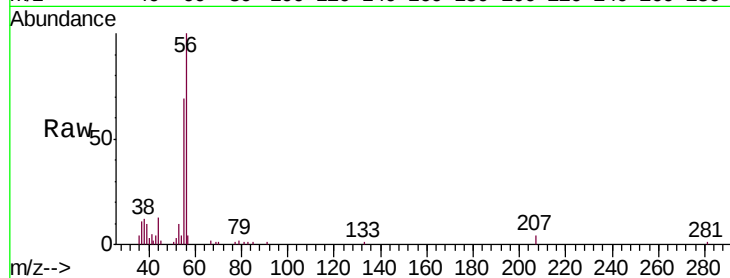
VW1008SBS02

Tgt Ion: 56 Resp: 14687

Ion Ratio Lower Upper

56 100

55 72.9 54.6 82.0



#14

Allyl chloride

Concen: 16.437 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

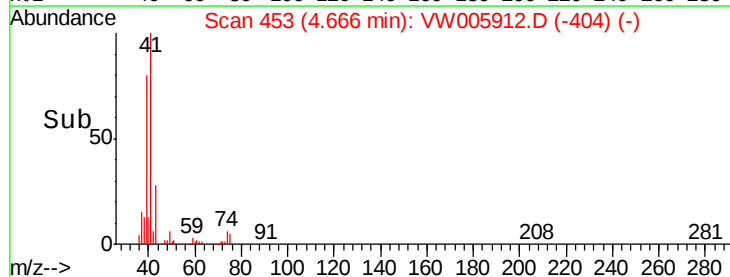
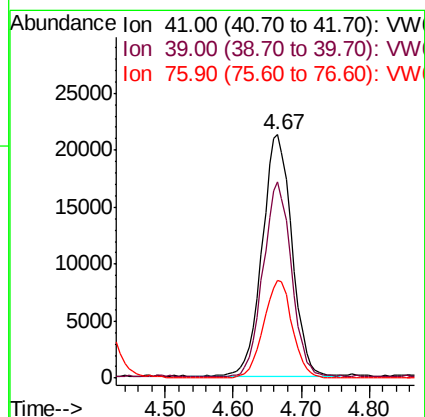
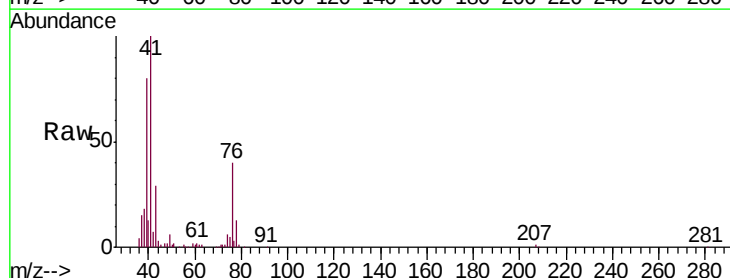
Tgt Ion: 41 Resp: 64669

Ion Ratio Lower Upper

41 100

39 77.0 60.8 91.2

76 38.9 29.6 44.4





#15

Acrylonitrile

Concen: 93.817 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS02

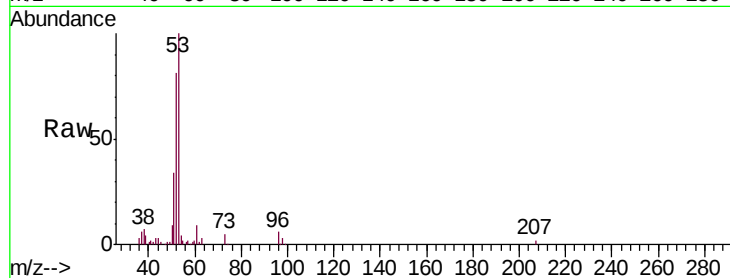
Tgt Ion: 53 Resp: 47837

Ion Ratio Lower Upper

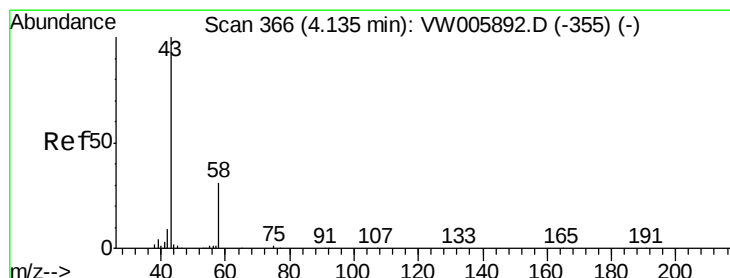
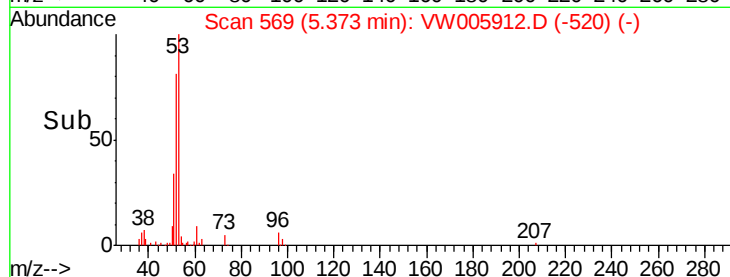
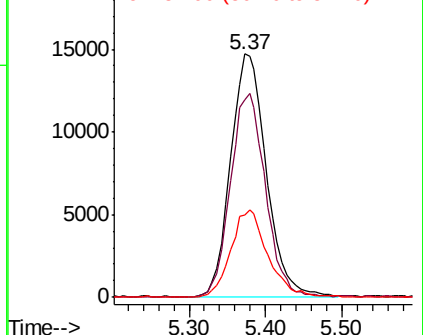
53 100

52 82.0 66.8 100.2

51 37.1 29.8 44.6



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: 80.391 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.00 min

Lab File: VW005912.D

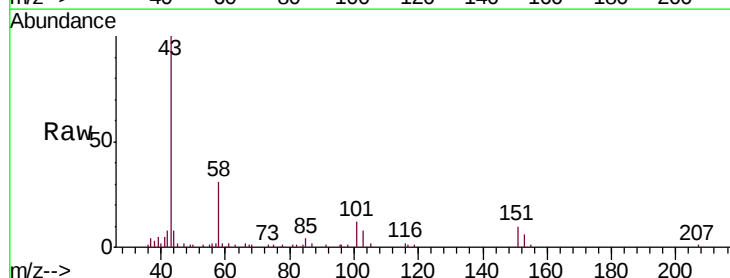
Acq: 09 Oct 2018 00:36

Tgt Ion: 43 Resp: 40854

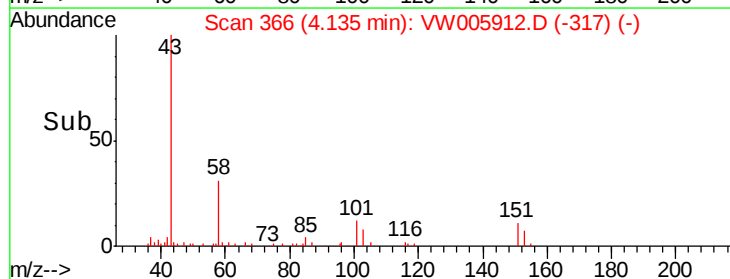
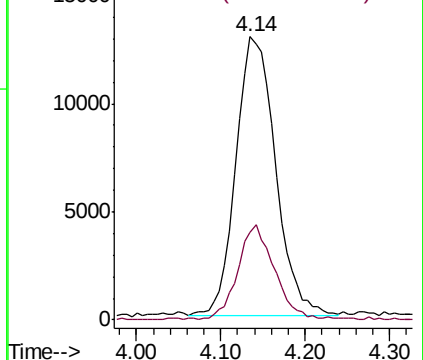
Ion Ratio Lower Upper

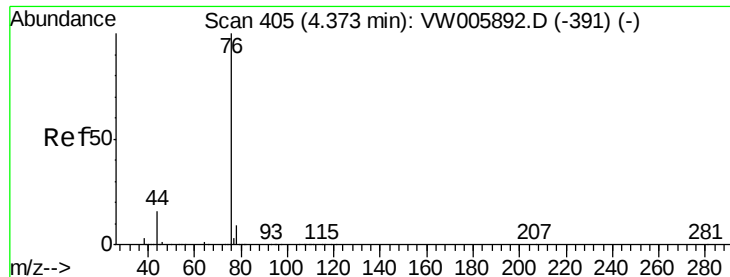
43 100

58 30.9 24.7 37.1



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





#17

Carbon Disulfide

Concen: 16.702 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

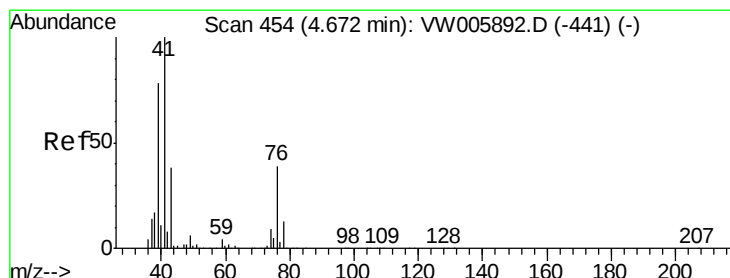
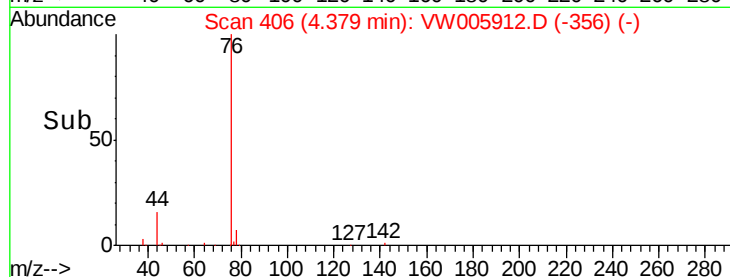
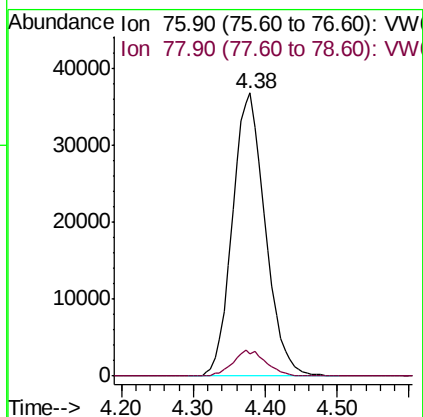
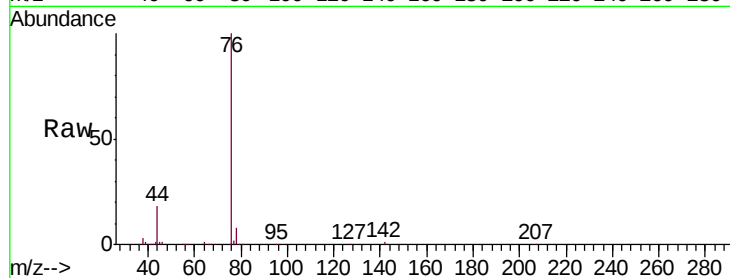
VW1008SBS02

Tgt Ion: 76 Resp: 116499

Ion Ratio Lower Upper

76 100

78 8.1 7.4 11.0



#18

Methyl Acetate

Concen: 17.277 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW005912.D

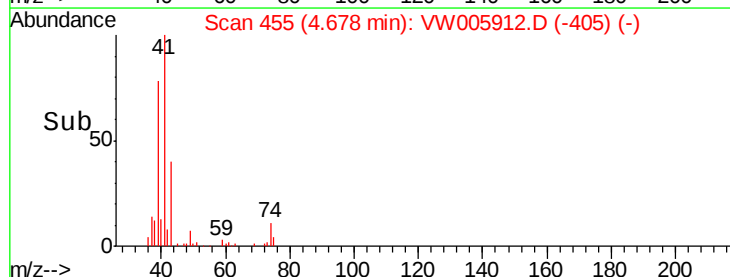
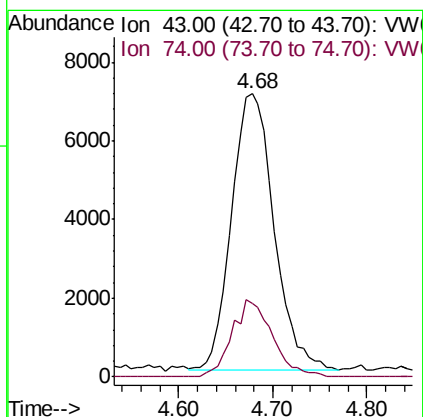
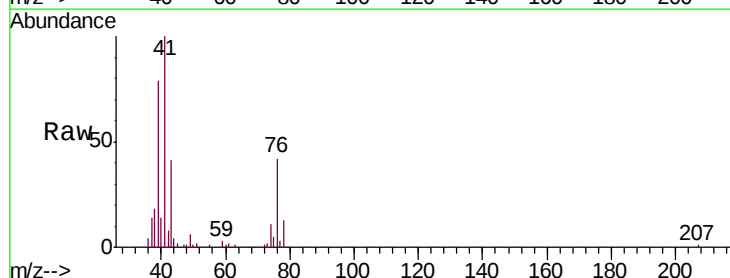
Acq: 09 Oct 2018 00:36

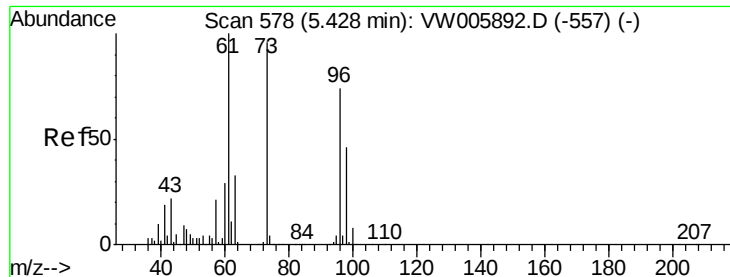
Tgt Ion: 43 Resp: 22156

Ion Ratio Lower Upper

43 100

74 26.5 19.2 28.8

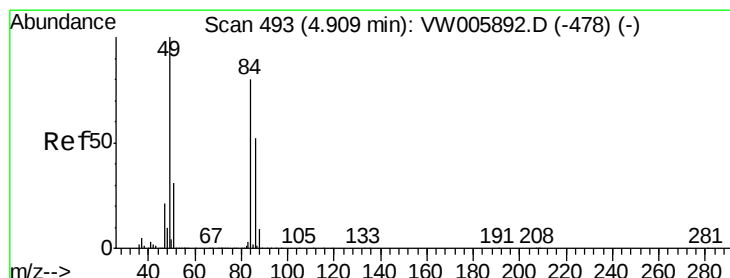
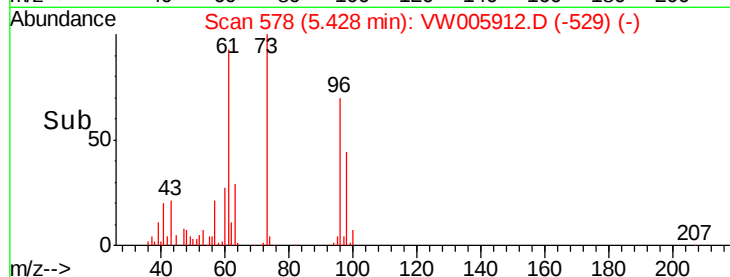
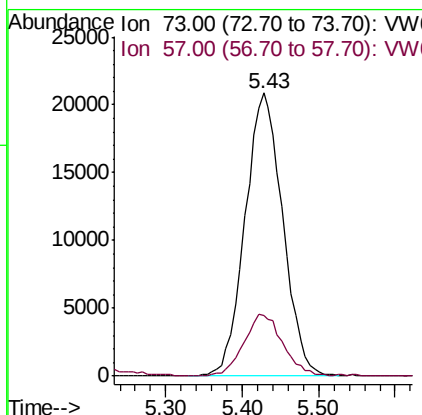
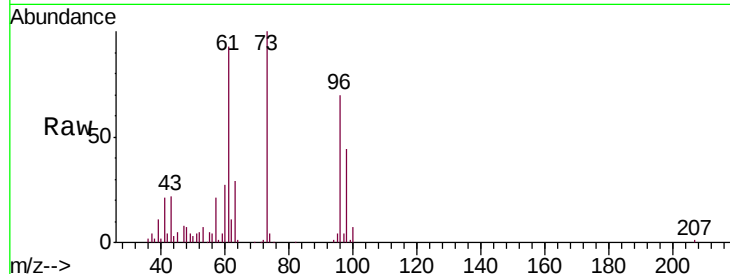




#19
Methyl tert-butyl Ether
Concen: 19.895 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

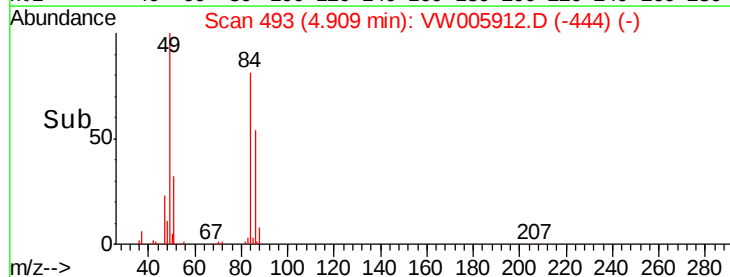
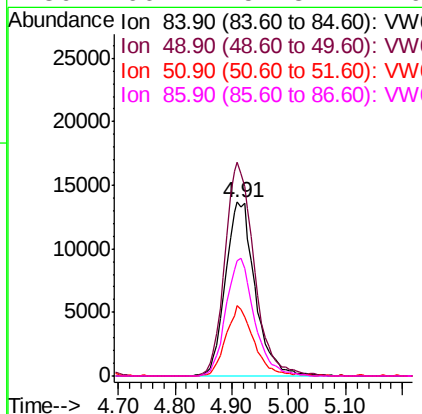
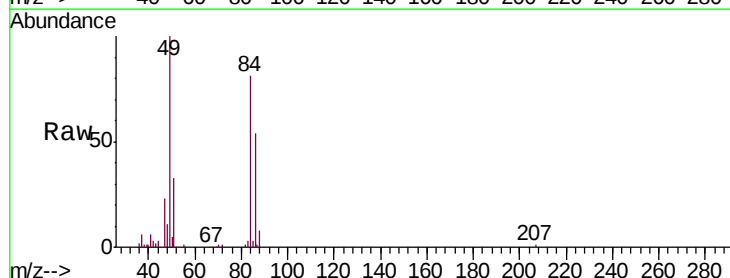
Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS02

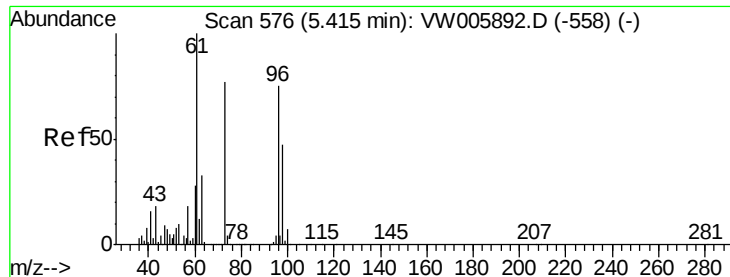
Tgt Ion: 73 Resp: 71411
Ion Ratio Lower Upper
73 100
57 21.1 17.7 26.5



#20
Methylene Chloride
Concen: 19.555 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Tgt Ion: 84 Resp: 49789
Ion Ratio Lower Upper
84 100
49 123.0 99.9 149.9
51 40.3 31.1 46.7
86 66.2 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.590 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS02

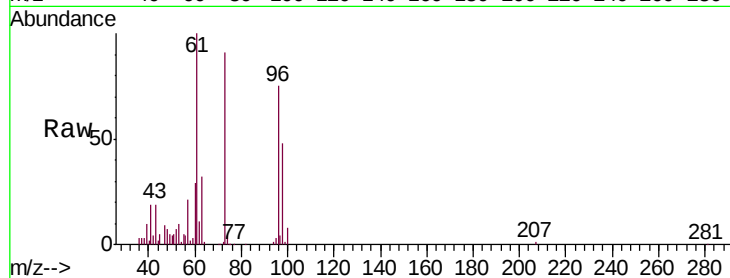
Tgt Ion: 96 Resp: 46746

Ion Ratio Lower Upper

96 100

61 133.2 107.4 161.0

98 63.7 50.8 76.2

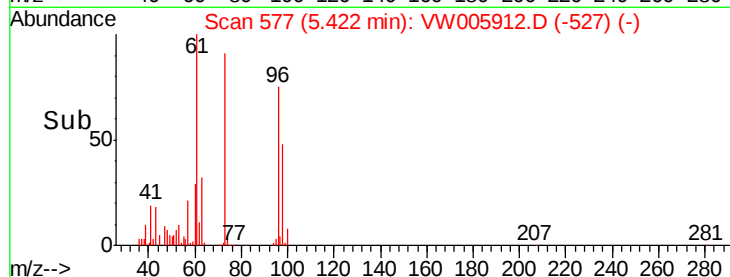
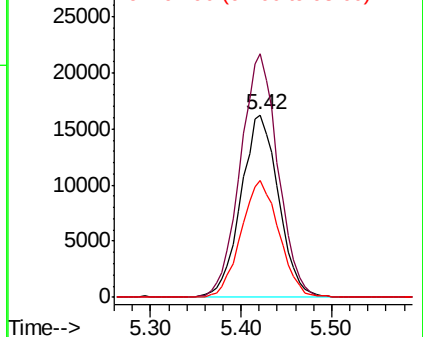


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 18.667 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.01 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Tgt Ion: 45 Resp: 137292

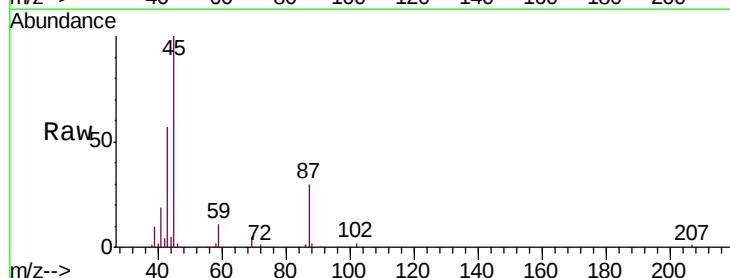
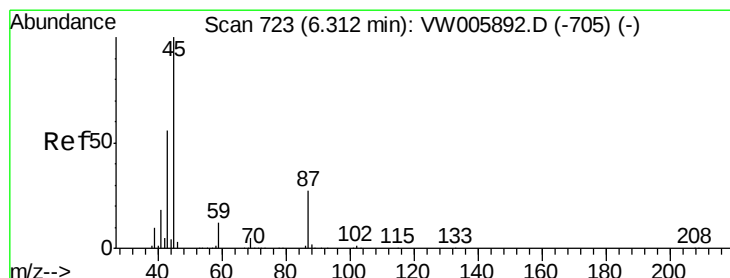
Ion Ratio Lower Upper

45 100

43 55.9 45.9 68.9

87 29.6 22.2 33.4

59 10.8 9.4 14.0



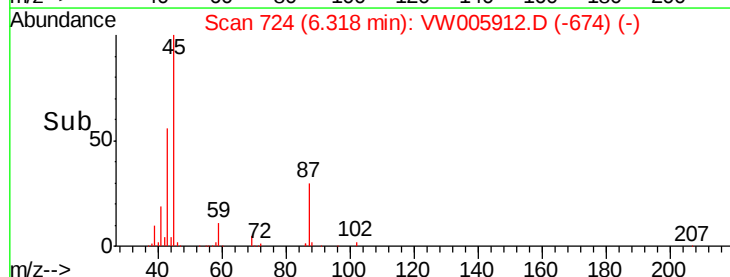
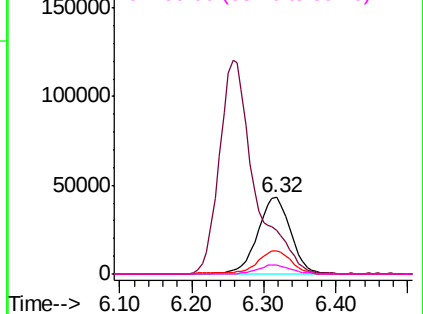
Abundance

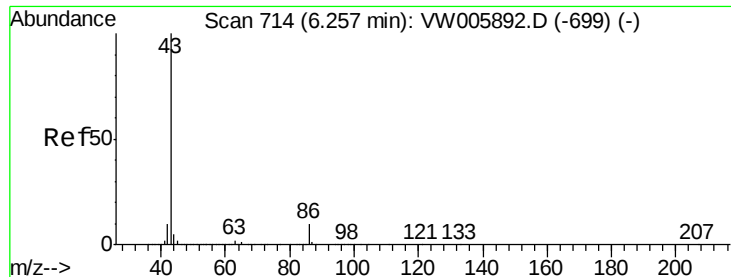
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 89.958 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampled :

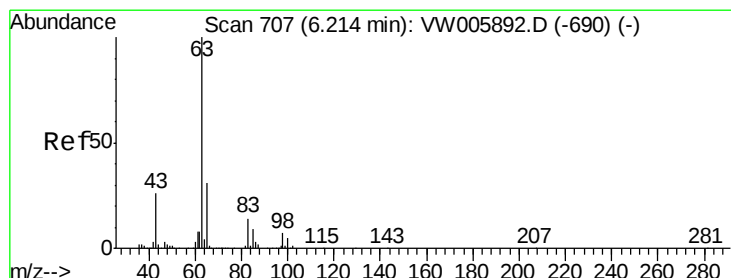
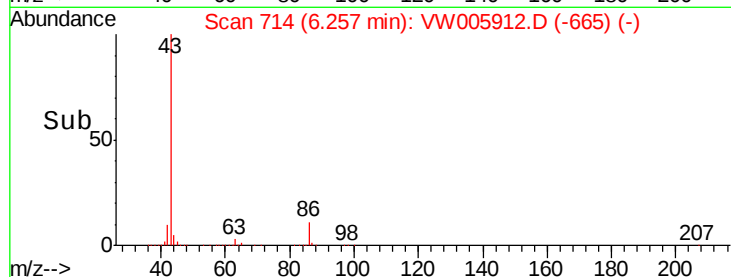
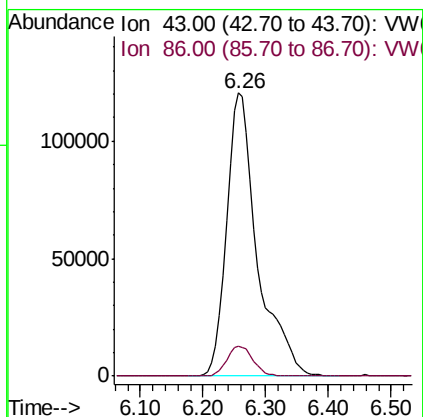
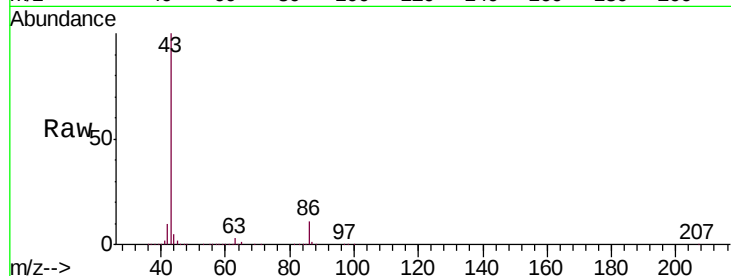
VW1008SBS02

Tgt Ion: 43 Resp: 407225

Ion Ratio Lower Upper

43 100

86 10.7 8.2 12.4



#24

1,1-Dichloroethane

Concen: 18.288 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

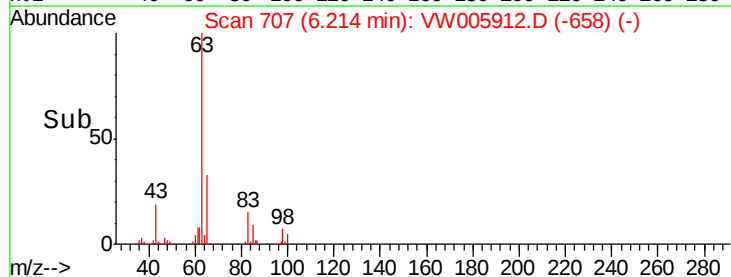
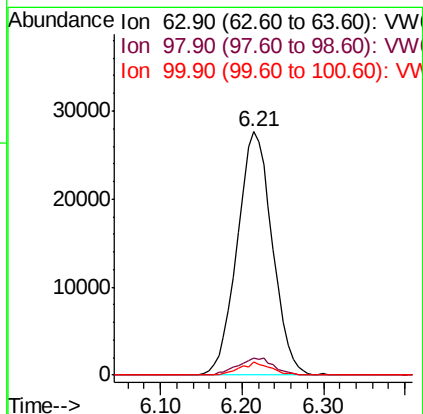
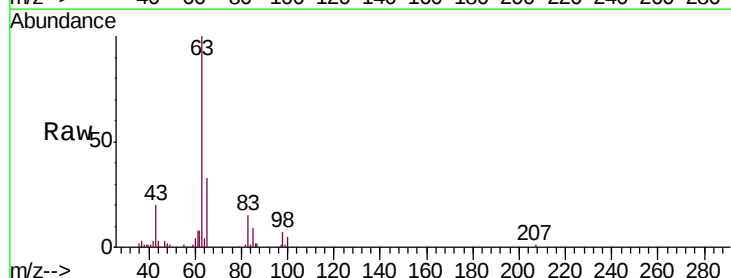
Tgt Ion: 63 Resp: 82314

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.6

100 5.4 2.4 7.1





#25

2-Butanone

Concen: 88.160 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampled :

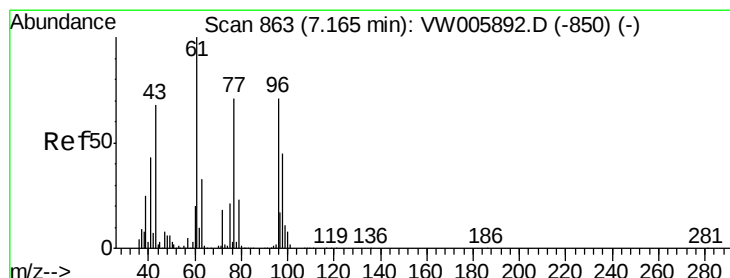
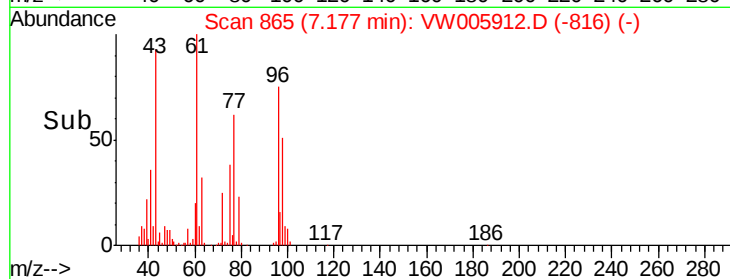
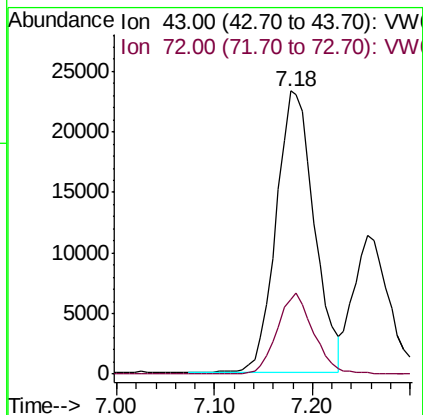
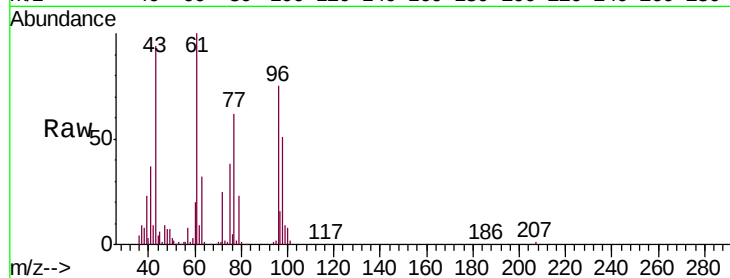
VW1008SBS02

Tgt Ion: 43 Resp: 63723

Ion Ratio Lower Upper

43 100

72 26.4 21.0 31.4



#26

2,2-Dichloropropane

Concen: 16.827 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW005912.D

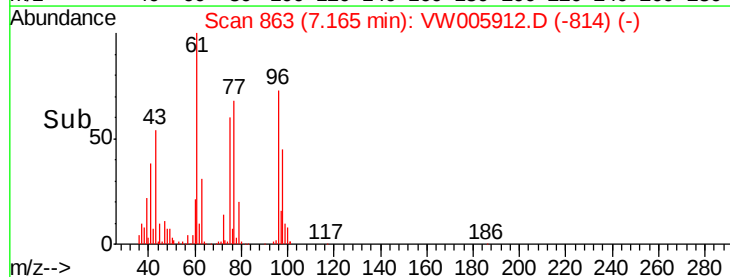
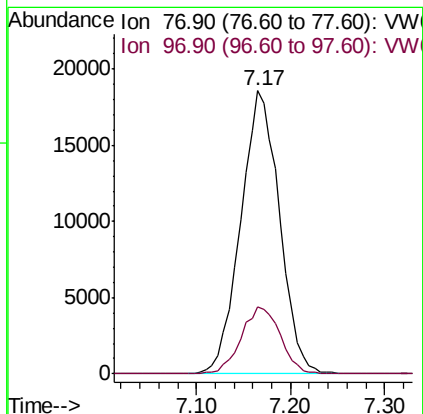
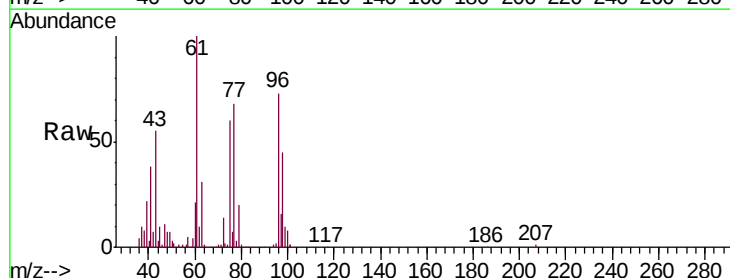
Acq: 09 Oct 2018 00:36

Tgt Ion: 77 Resp: 53300

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.7



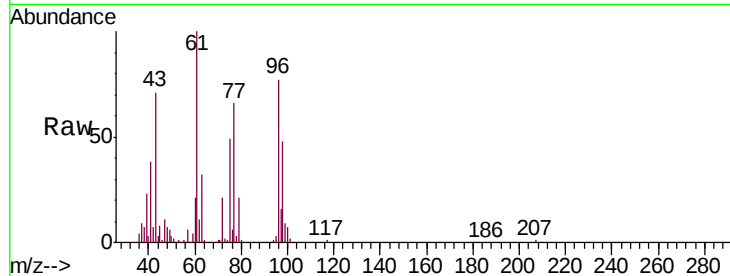


#27

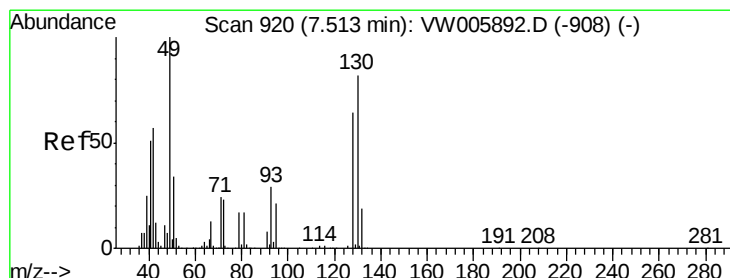
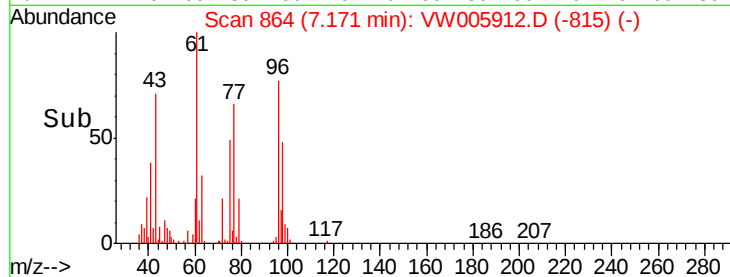
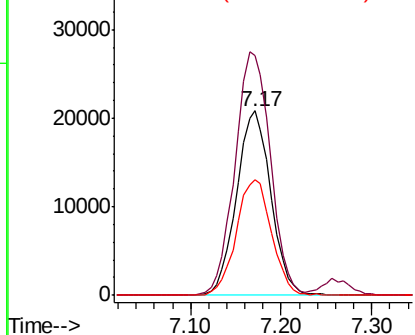
cis-1,2-Dichloroethene
 Concen: 19.223 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS02

Tgt Ion: 96 Resp: 54664
 Ion Ratio Lower Upper
 96 100
 61 136.4 0.0 284.0
 98 64.4 0.0 129.8



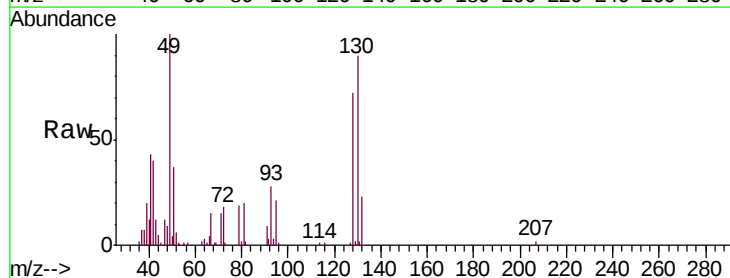
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



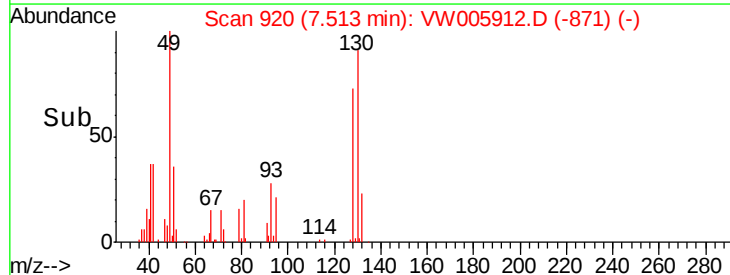
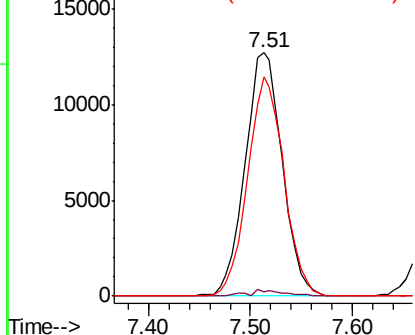
#28

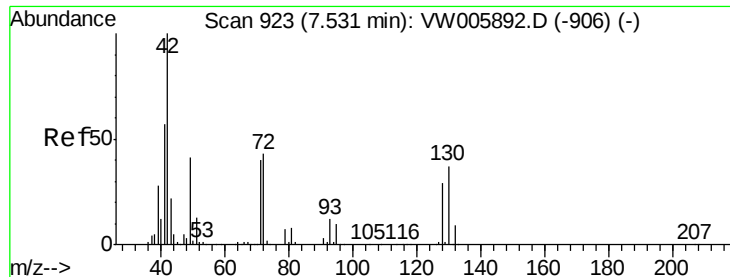
Bromochloromethane
 Concen: 19.422 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Tgt Ion: 49 Resp: 32267
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.0
 130 87.8 66.9 100.3



Abundance Ion 48.90 (48.60 to 49.60): VW
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

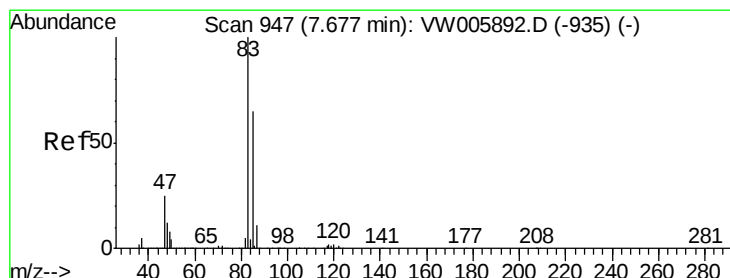
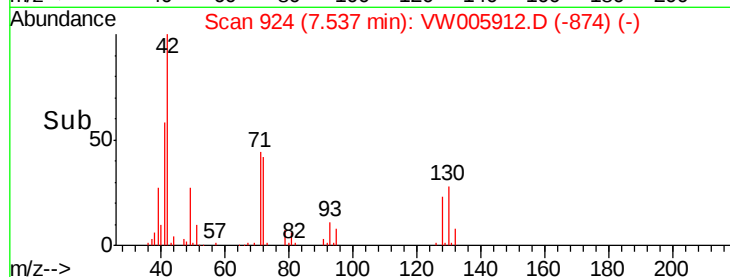
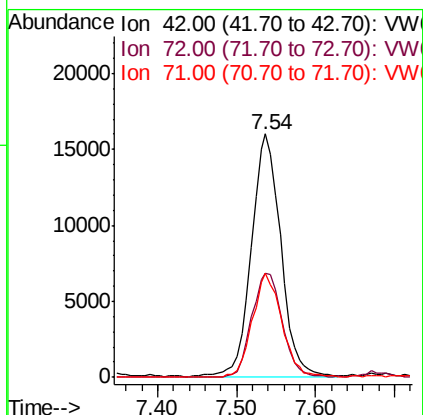
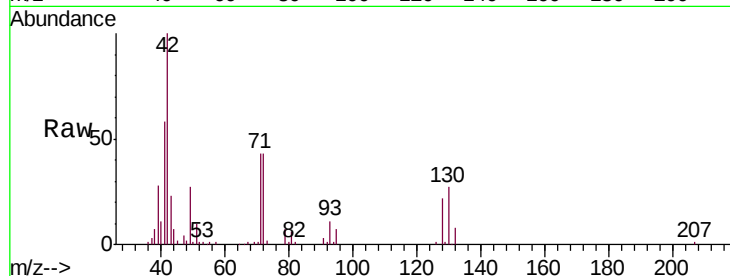




#29
Tetrahydrofuran
Concen: 91.825 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

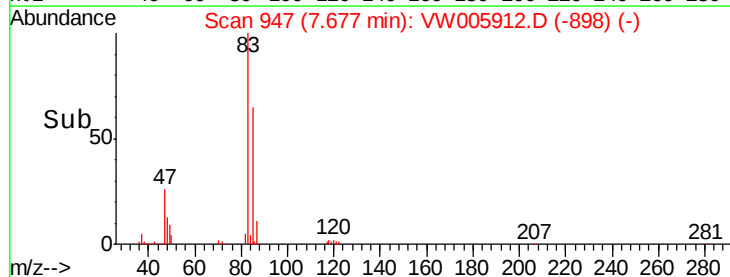
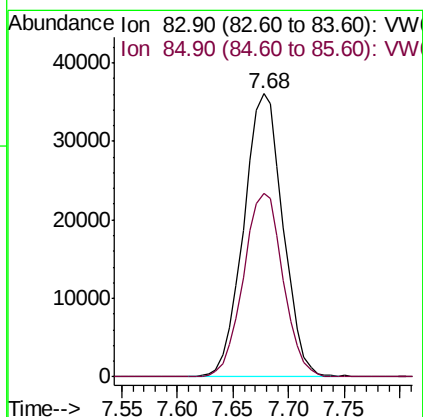
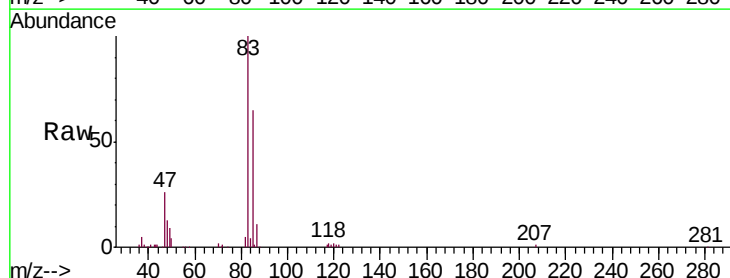
Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS02

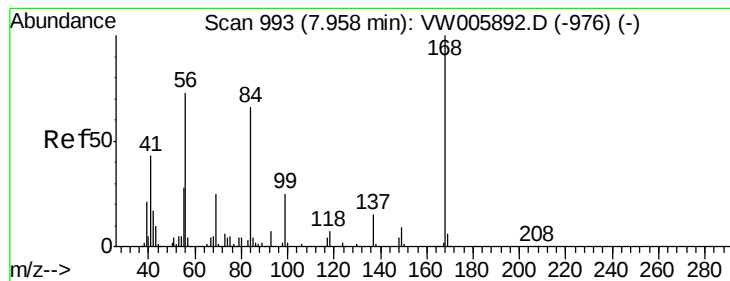
Tgt Ion: 42 Resp: 41957
Ion Ratio Lower Upper
42 100
72 43.9 34.6 51.8
71 42.4 32.6 49.0



#30
Chloroform
Concen: 19.110 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Tgt Ion: 83 Resp: 88347
Ion Ratio Lower Upper
83 100
85 64.8 51.6 77.4





#31

Cyclohexane

Concen: 16.870 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS02

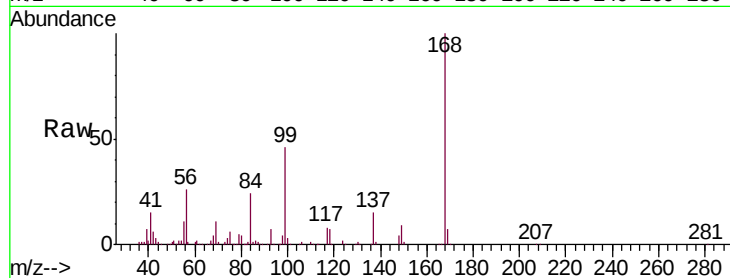
Tgt Ion: 56 Resp: 75143

Ion Ratio Lower Upper

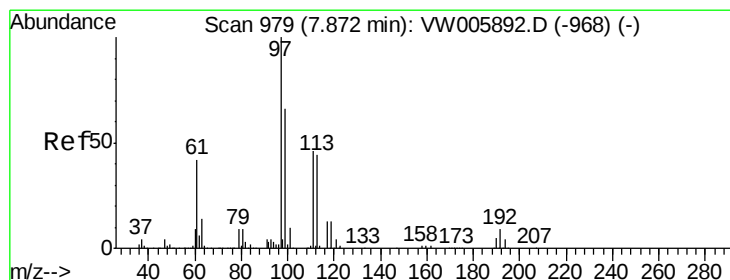
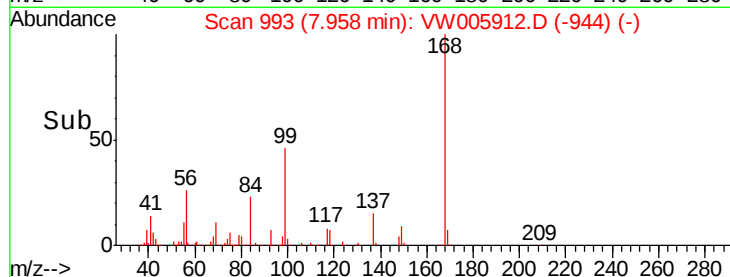
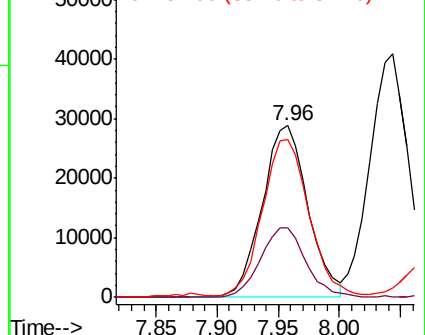
56 100

69 40.3 27.9 41.9

84 89.8 72.3 108.5



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: 18.868 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

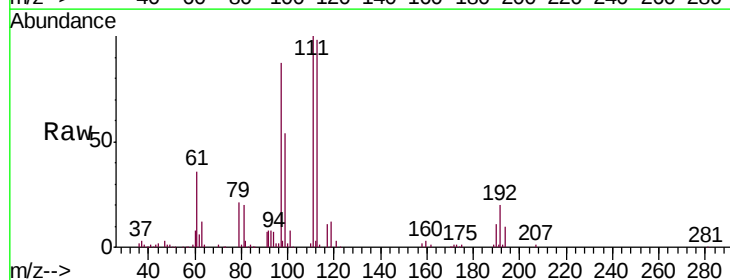
Tgt Ion: 97 Resp: 77680

Ion Ratio Lower Upper

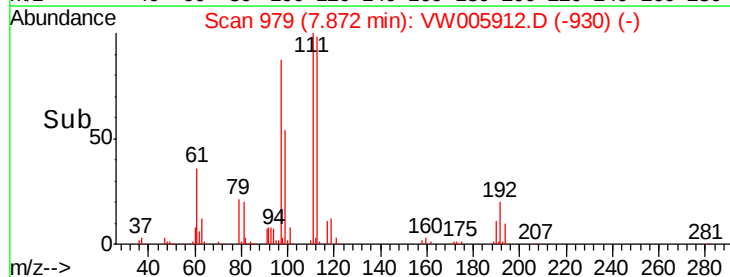
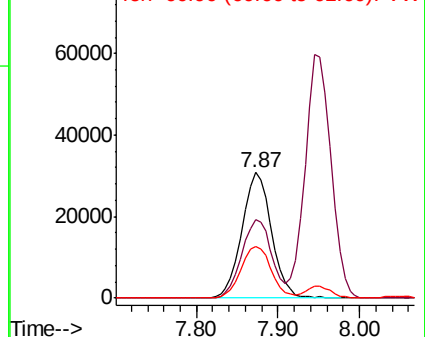
97 100

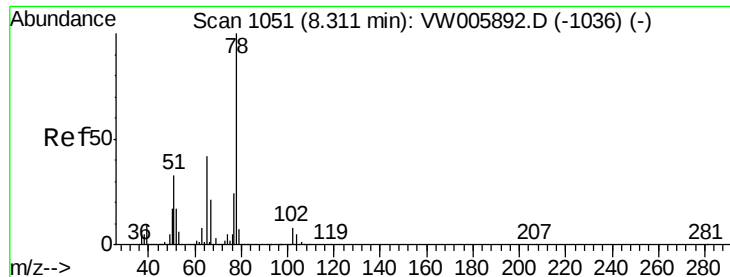
99 63.1 51.6 77.4

61 42.6 34.5 51.7



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

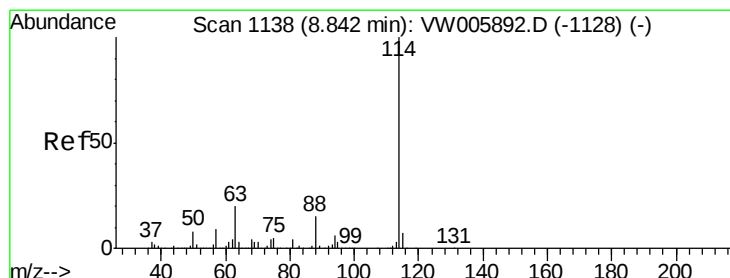
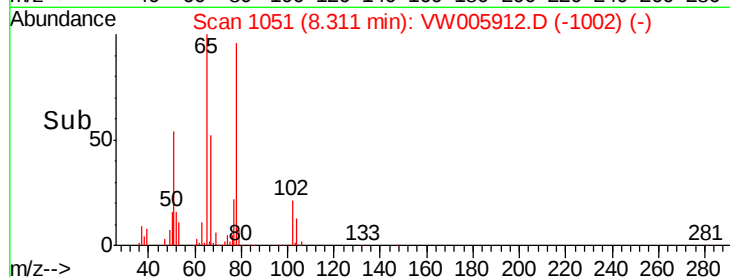
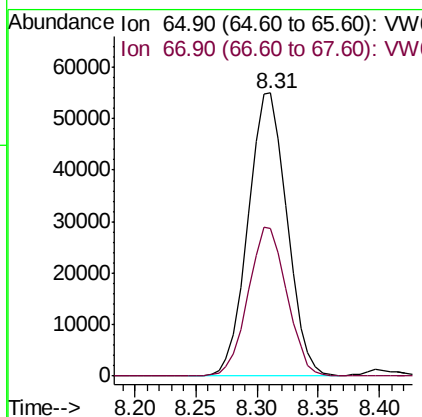
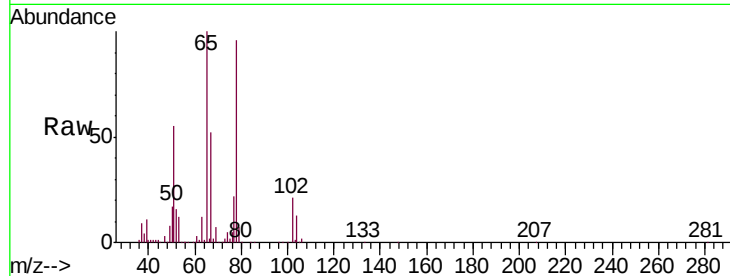




#33
 1,2-Dichloroethane-d4
 Concen: 47.909 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

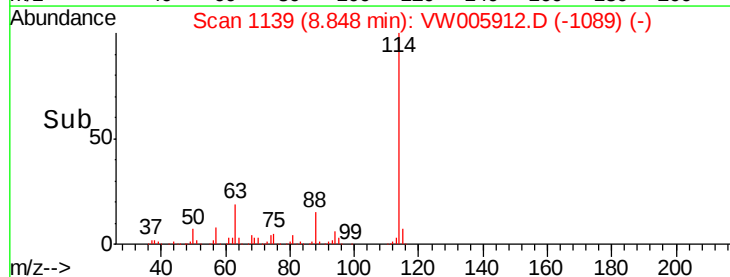
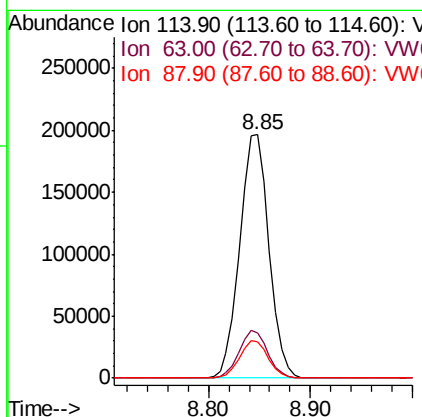
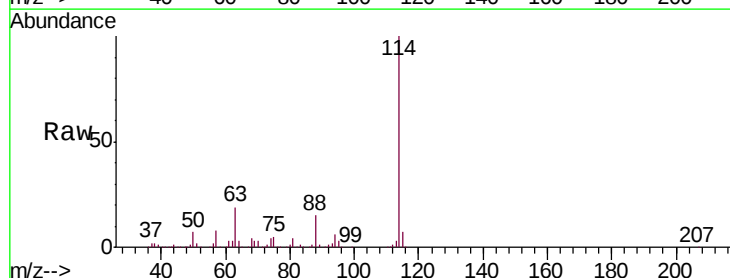
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS02

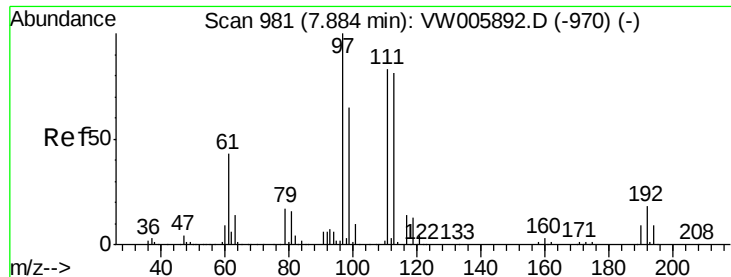
Tgt Ion: 65 Resp: 121891
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Tgt Ion: 114 Resp: 390061
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.2
 88 14.8 0.0 30.8

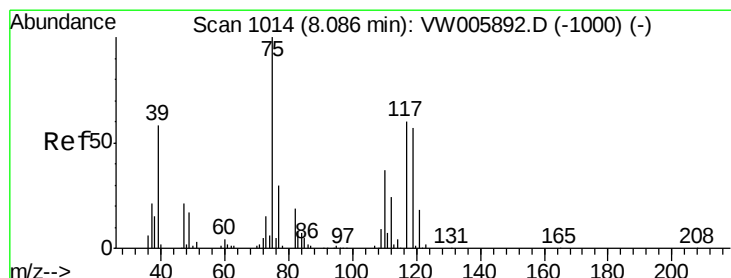
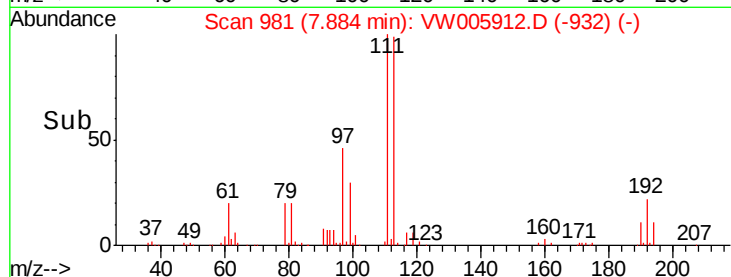
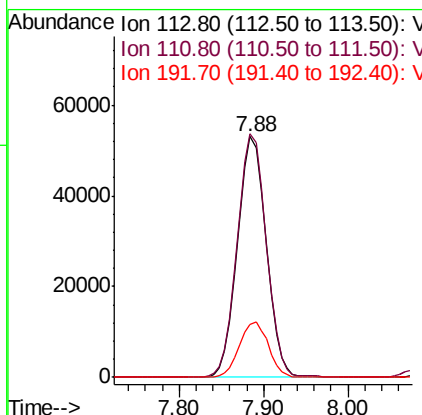
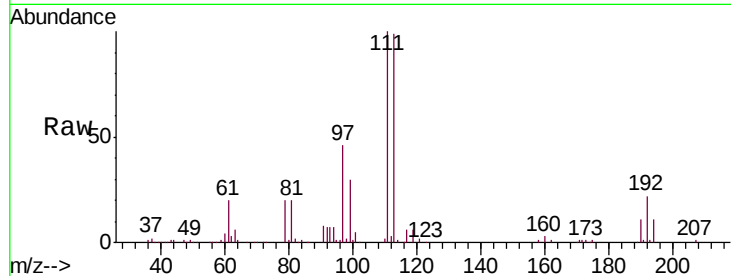




#35
 Dibromofluoromethane
 Concen: 49.260 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

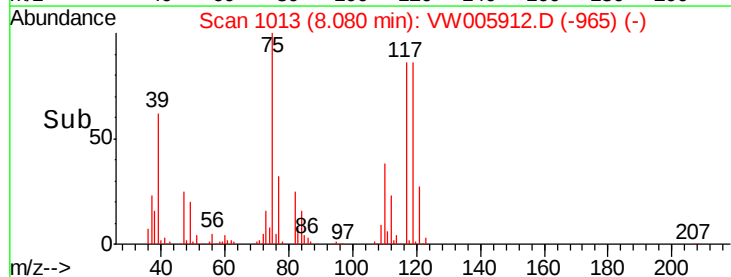
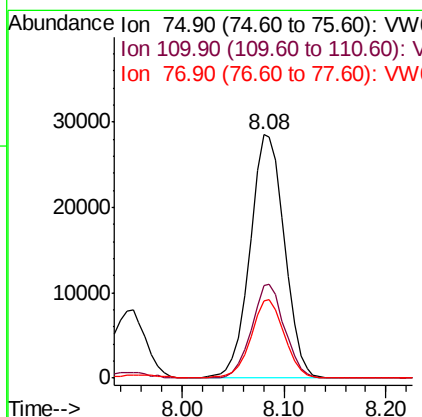
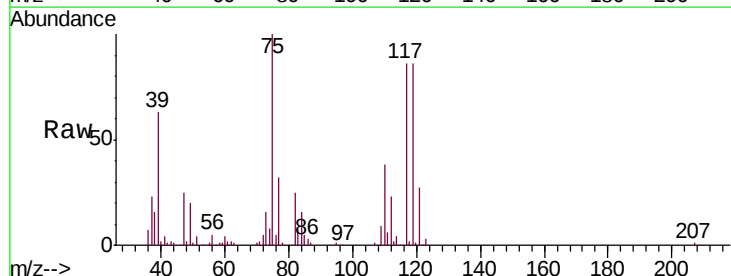
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.0	123.0
192	23.1	18.3	27.5



#36
 1,1-Dichloropropene
 Concen: 17.912 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.6	56.0
77	31.3	24.7	37.1

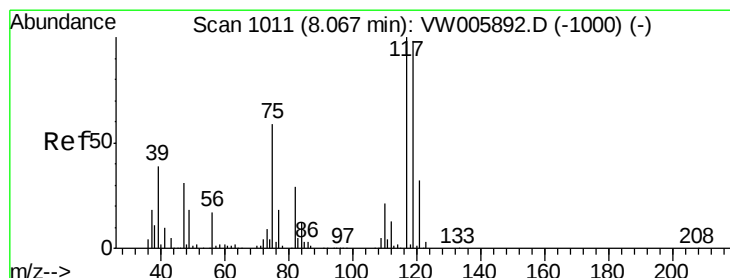
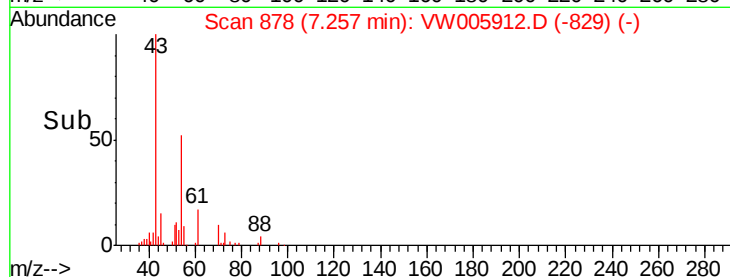
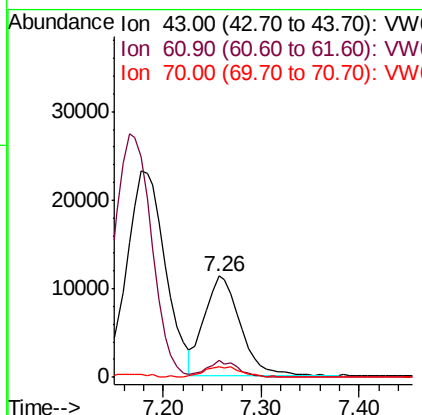
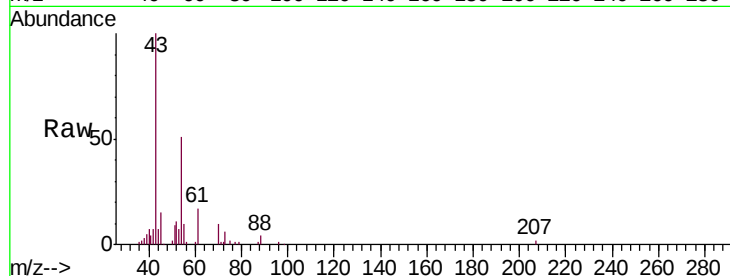




#37
 Ethyl Acetate
 Concen: 18.252 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

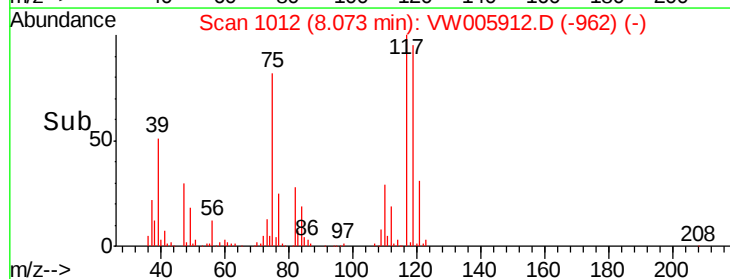
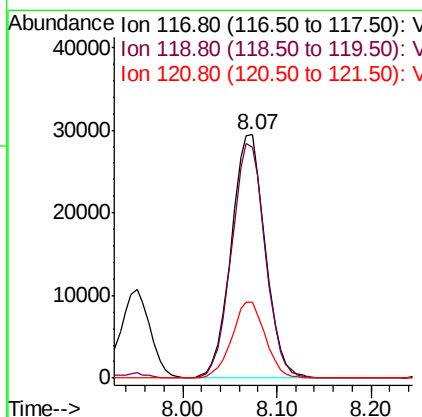
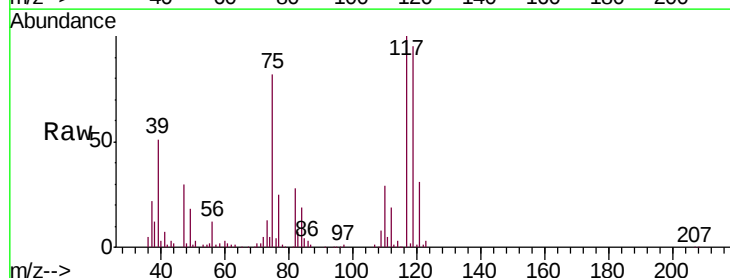
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS02

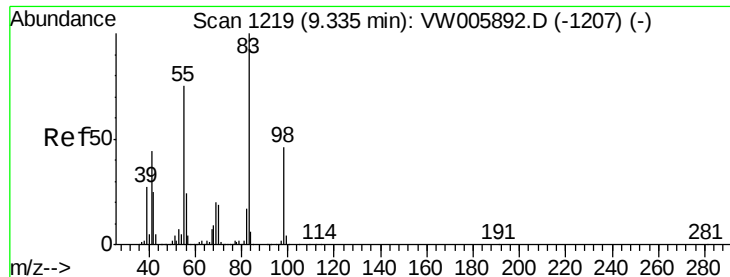
Tgt Ion: 43 Resp: 28889
 Ion Ratio Lower Upper
 43 100
 61 14.4 10.6 16.0
 70 11.6 8.6 13.0



#38
 Carbon Tetrachloride
 Concen: 18.325 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. 0.01 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Tgt Ion: 117 Resp: 73585
 Ion Ratio Lower Upper
 117 100
 119 94.9 78.6 117.8
 121 31.4 25.3 37.9

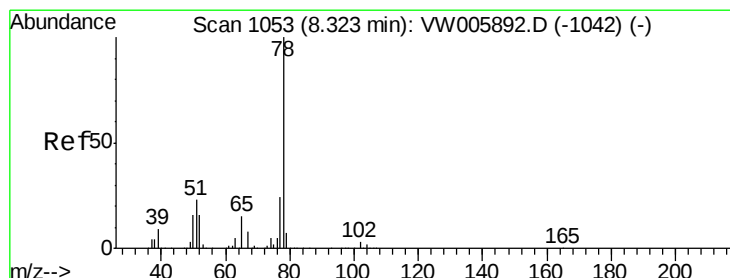
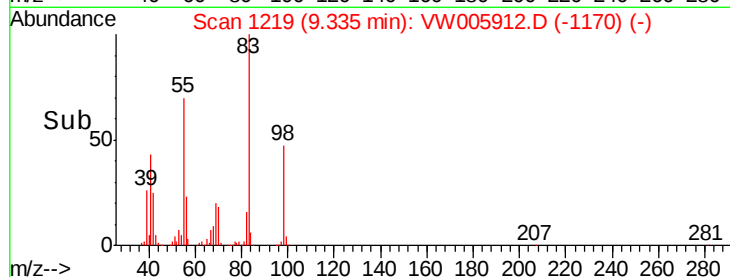
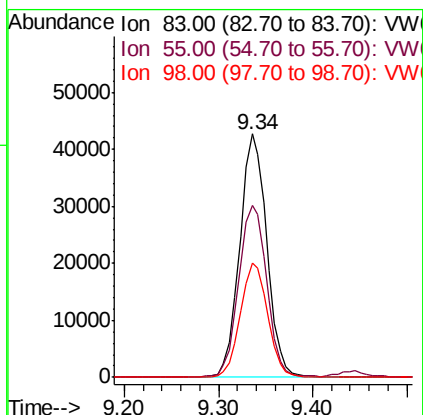
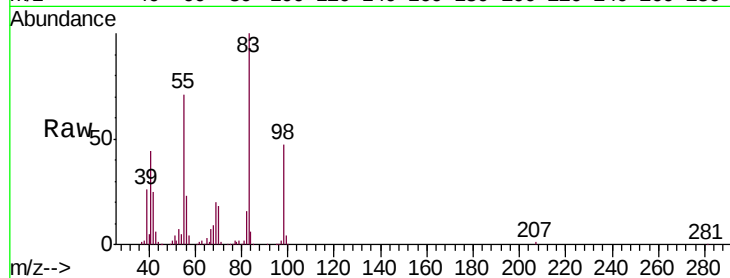




#39
Methylcyclohexane
Concen: 17.429 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

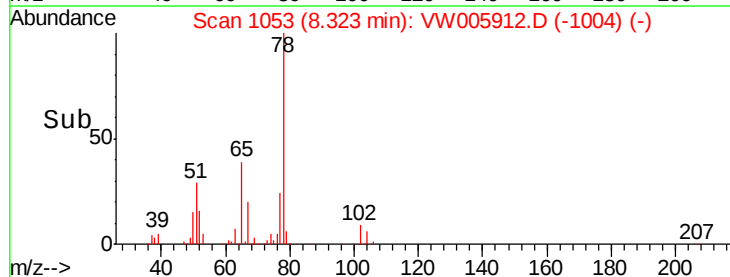
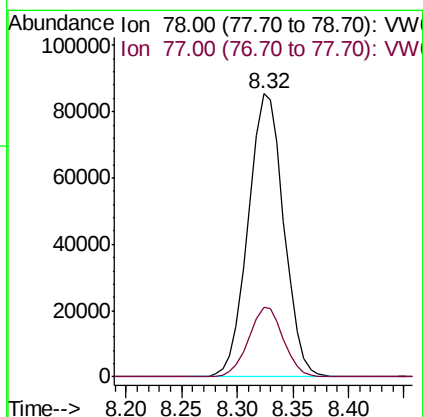
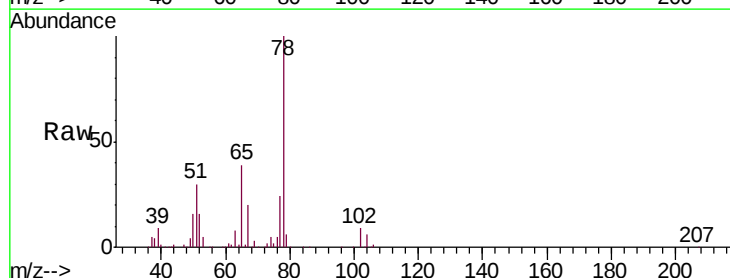
Instrument :
MSVOA_W
ClientSampled :
VW1008SBS02

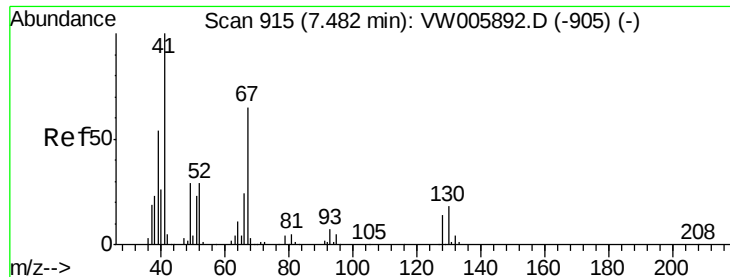
Tgt Ion: 83 Resp: 85922
Ion Ratio Lower Upper
83 100
55 70.4 59.8 89.6
98 47.1 37.1 55.7



#40
Benzene
Concen: 18.607 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Tgt Ion: 78 Resp: 190338
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7





#41

Methacrylonitrile

Concen: 17.066 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS02

Tgt Ion: 41 Resp: 16911

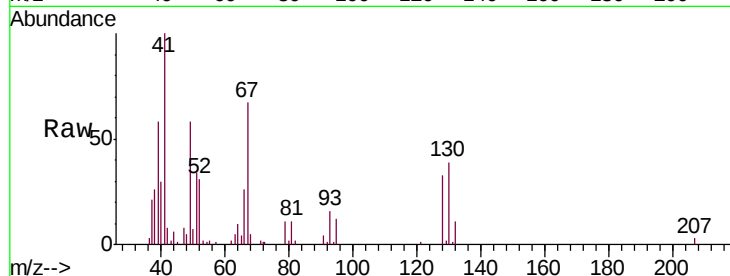
Ion Ratio Lower Upper

41 100

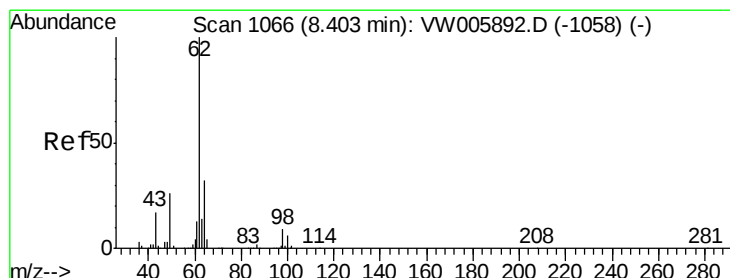
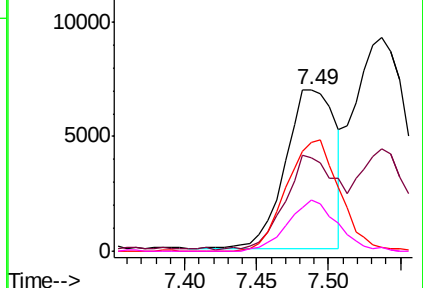
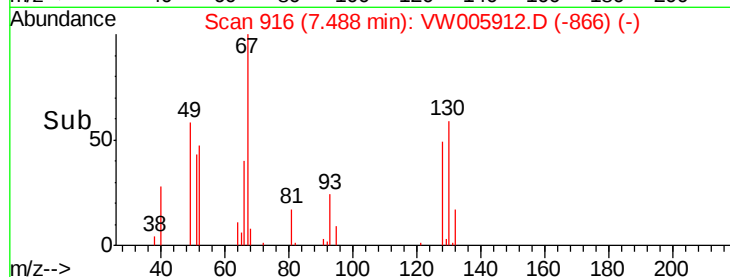
39 61.5 45.0 67.4

67 74.5 55.8 83.8

52 31.8 25.3 37.9



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: 18.540 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW005912.D

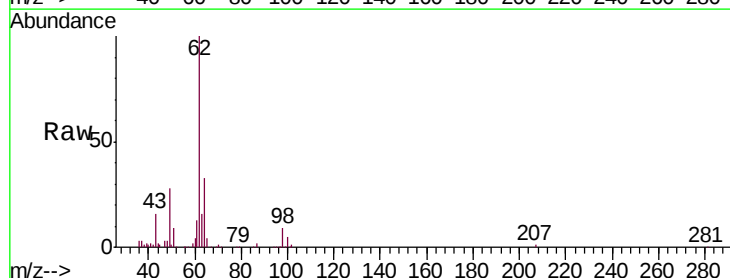
Acq: 09 Oct 2018 00:36

Tgt Ion: 62 Resp: 57296

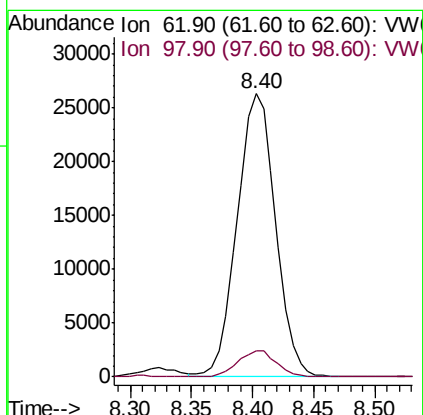
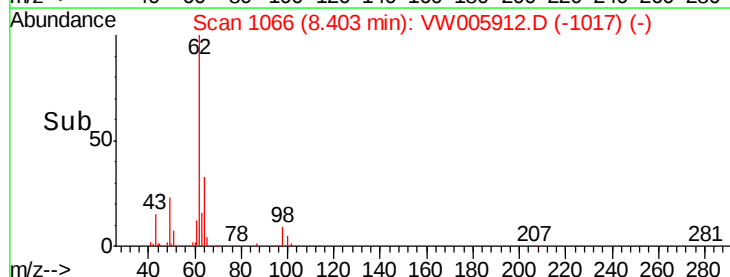
Ion Ratio Lower Upper

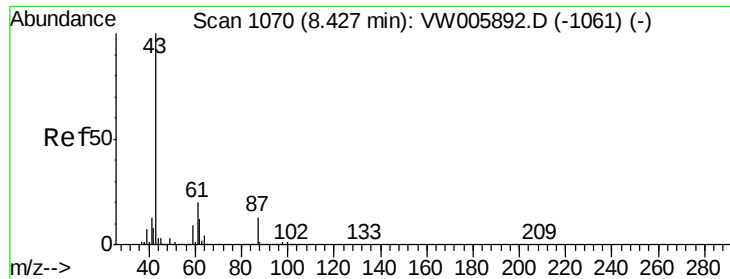
62 100

98 9.3 0.0 18.0



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





#43

Isopropyl Acetate

Concen: 18.086 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS02

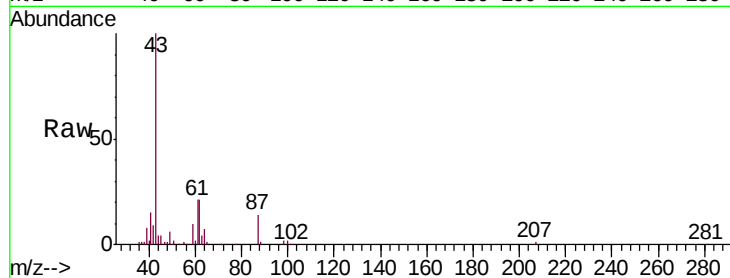
Tgt Ion: 43 Resp: 59797

Ion Ratio Lower Upper

43 100

61 29.0 23.1 34.7

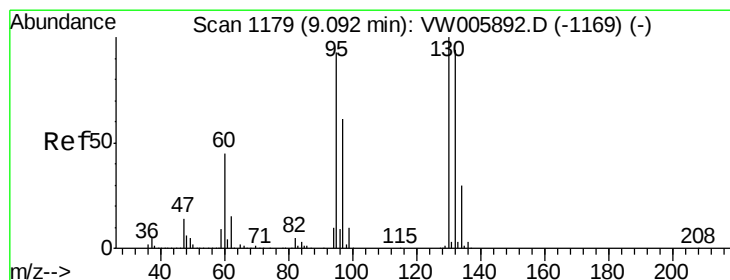
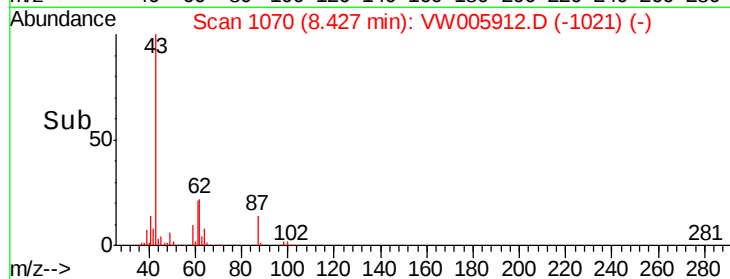
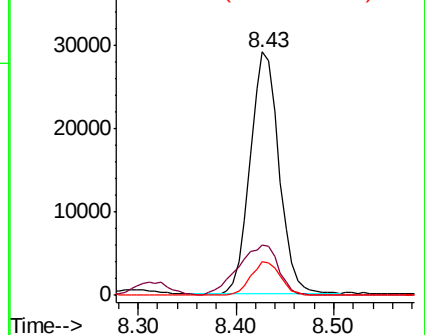
87 14.2 10.7 16.1



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: 18.913 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW005912.D

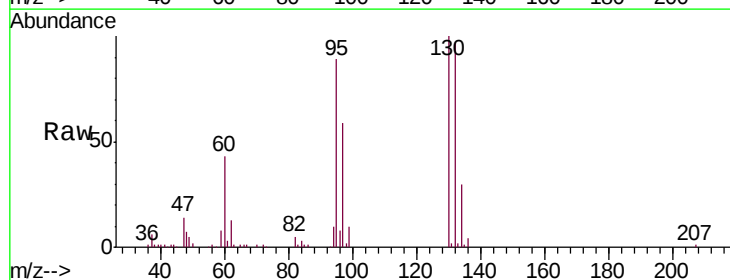
Acq: 09 Oct 2018 00:36

Tgt Ion: 130 Resp: 56133

Ion Ratio Lower Upper

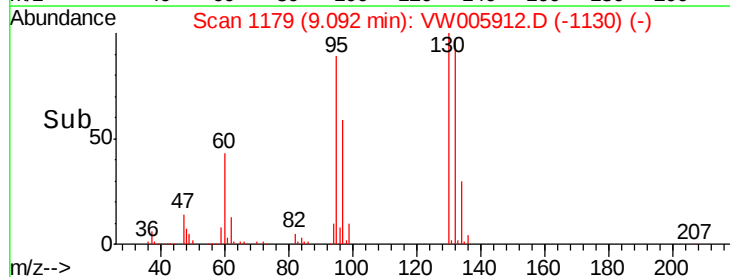
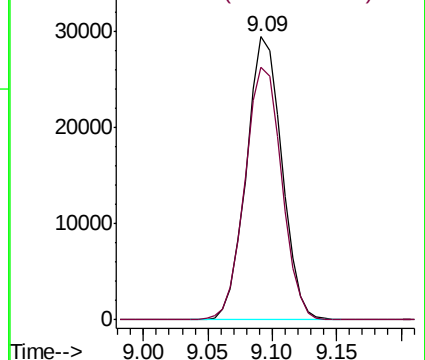
130 100

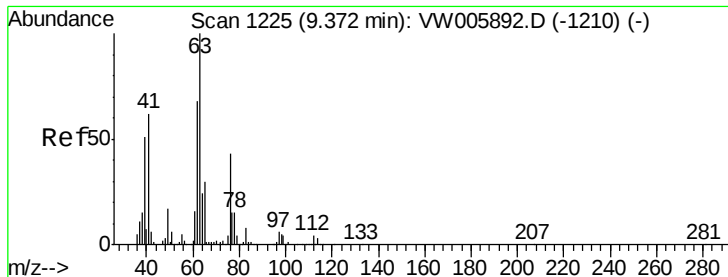
95 89.1 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 18.705 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

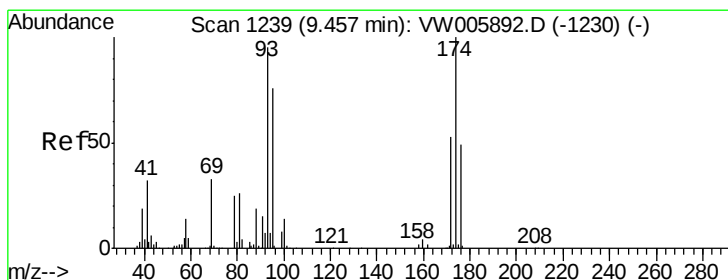
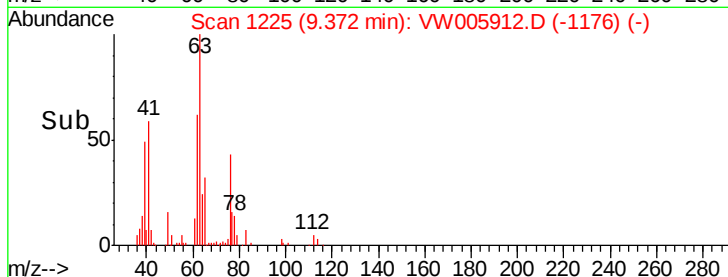
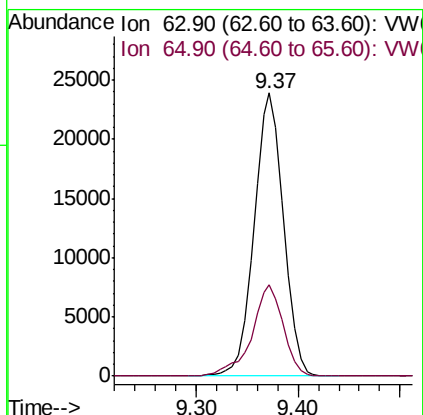
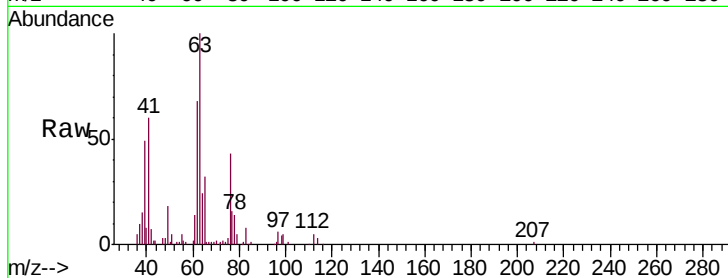
VW1008SBS02

Tgt Ion: 63 Resp: 47894

Ion Ratio Lower Upper

63 100

65 32.5 24.3 36.5



#46

Dibromomethane

Concen: 19.222 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

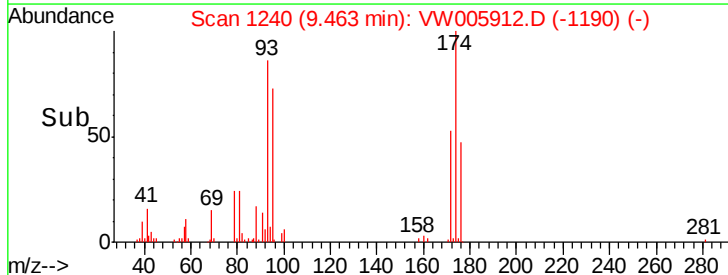
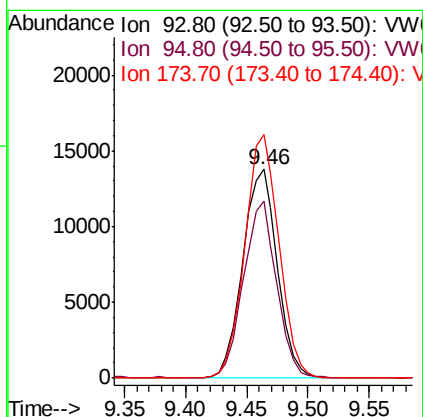
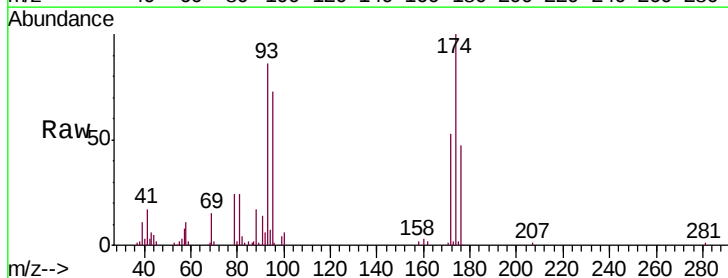
Tgt Ion: 93 Resp: 27051

Ion Ratio Lower Upper

93 100

95 81.7 66.6 99.8

174 115.4 90.4 135.6





#47

Bromodichloromethane

Concen: 18.390 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS02

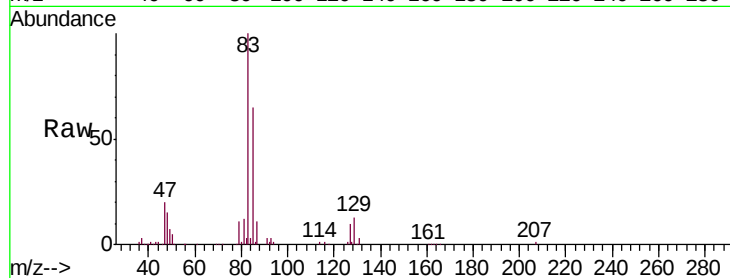
Tgt Ion: 83 Resp: 65125

Ion Ratio Lower Upper

83 100

85 64.7 53.0 79.6

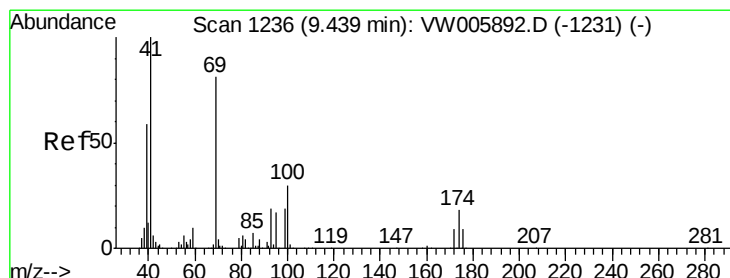
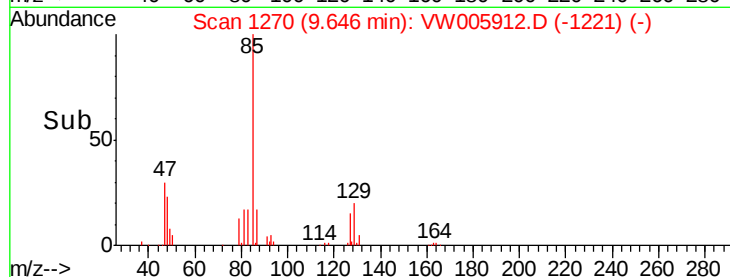
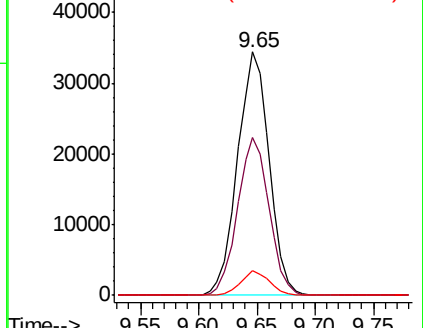
127 9.9 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 17.712 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

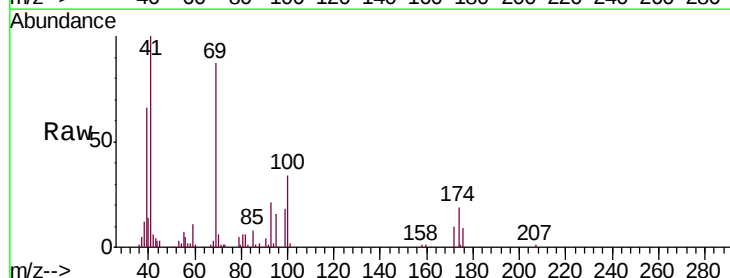
Tgt Ion: 41 Resp: 27897

Ion Ratio Lower Upper

41 100

69 91.1 68.7 103.1

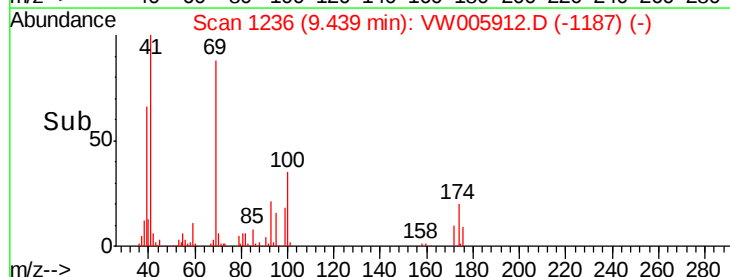
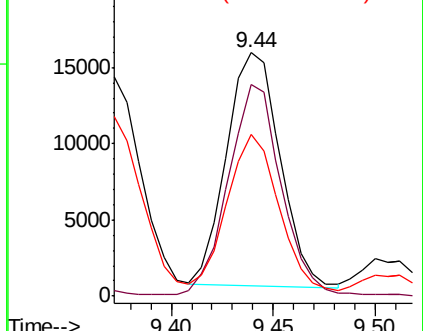
39 63.8 50.0 75.0

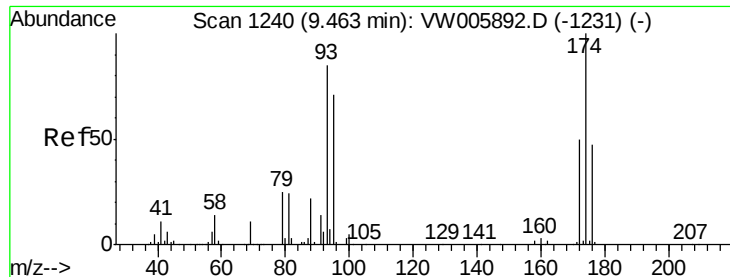


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 410.548 ug/l

RT: 9.48 min Scan# 1243

Delta R.T. 0.02 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS02

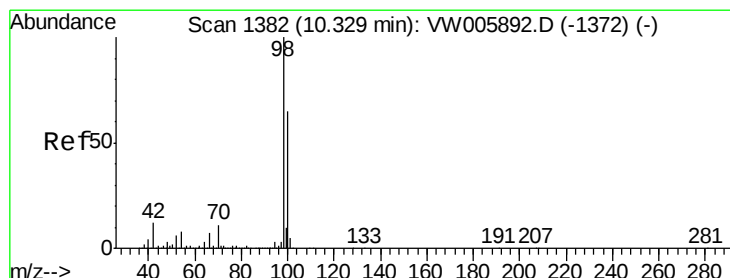
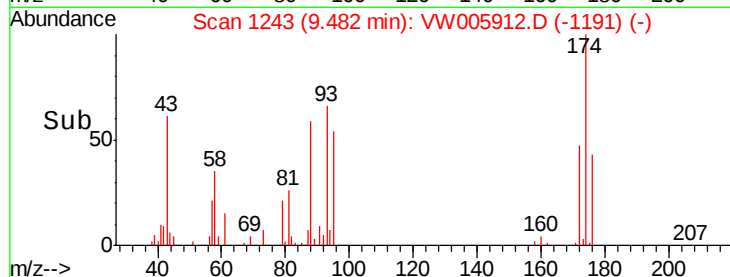
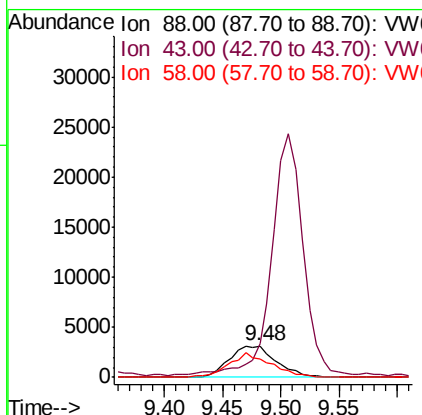
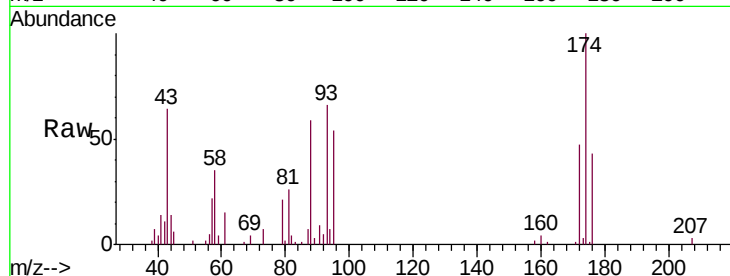
Tgt Ion: 88 Resp: 8776

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 70.8 57.7 86.5



#50

Toluene-d8

Concen: 49.202 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005912.D

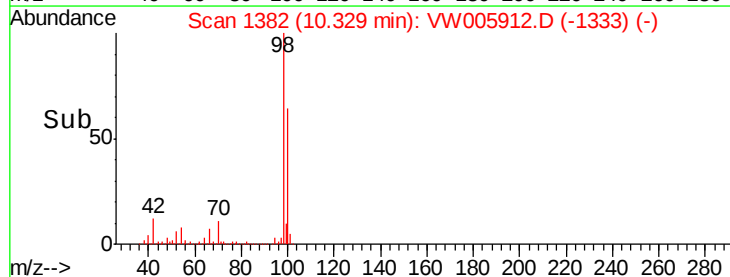
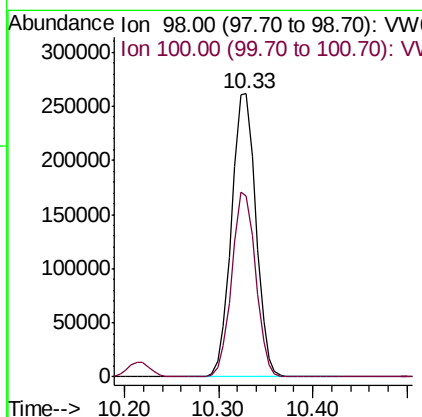
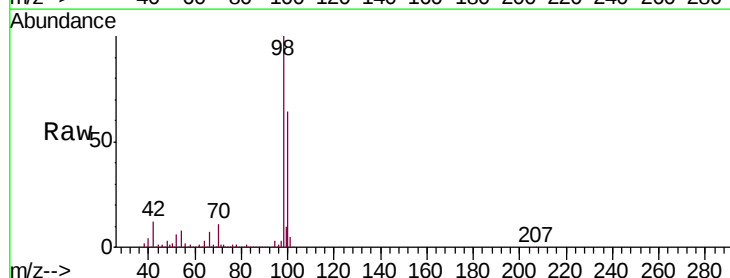
Acq: 09 Oct 2018 00:36

Tgt Ion: 98 Resp: 471427

Ion Ratio Lower Upper

98 100

100 64.1 51.9 77.9

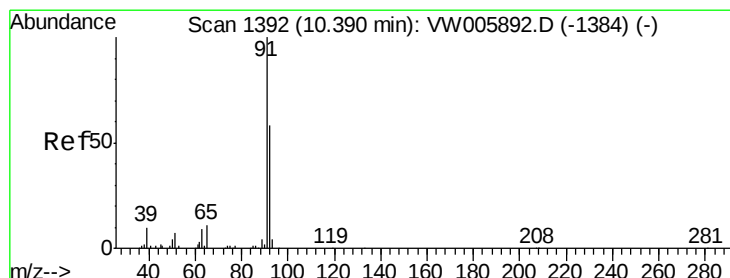
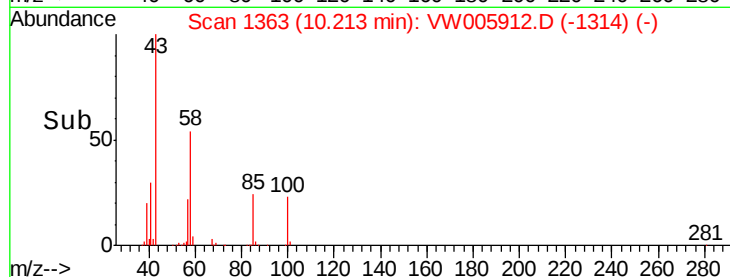
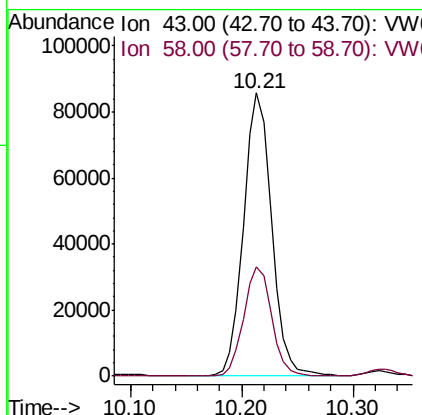
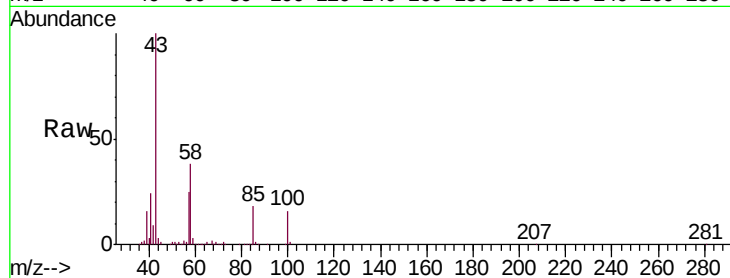




#51
 4-Methyl-2-Pentanone
 Concen: 92.983 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

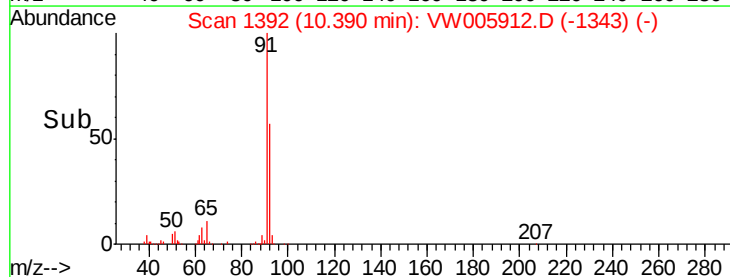
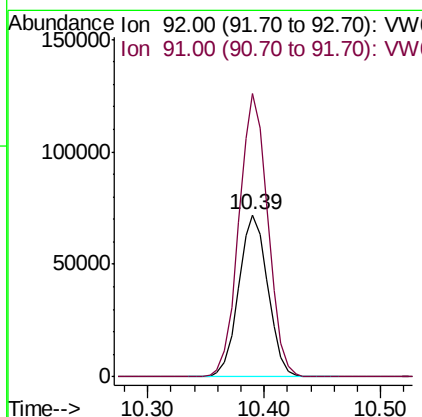
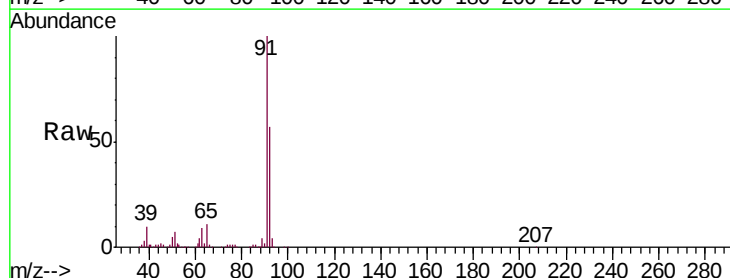
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS02

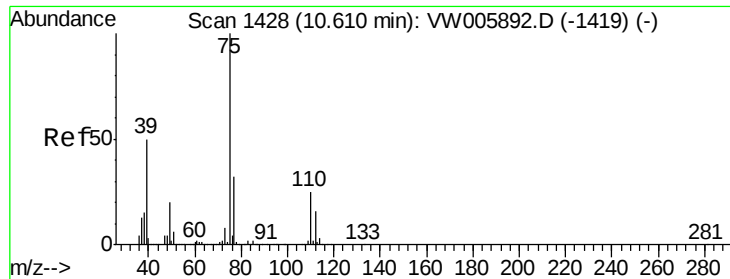
Tgt Ion: 43 Resp: 149704
 Ion Ratio Lower Upper
 43 100
 58 38.6 30.2 45.4



#52
 Toluene
 Concen: 18.701 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Tgt Ion: 92 Resp: 125679
 Ion Ratio Lower Upper
 92 100
 91 173.1 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 17.650 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

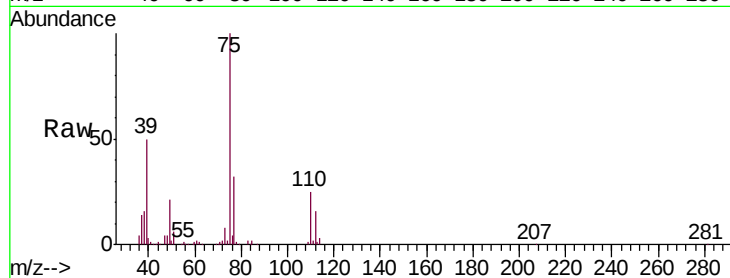
VW1008SBS02

Tgt Ion: 75 Resp: 65318

Ion Ratio Lower Upper

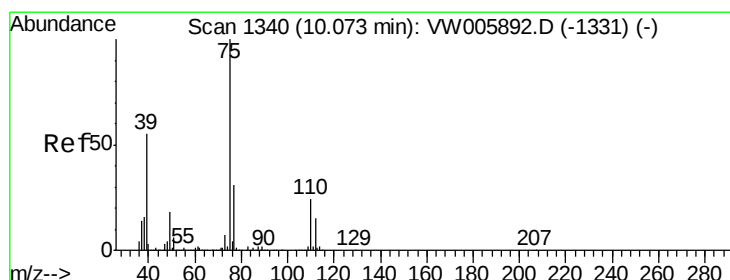
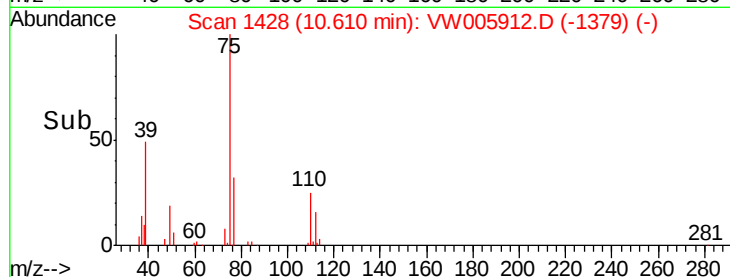
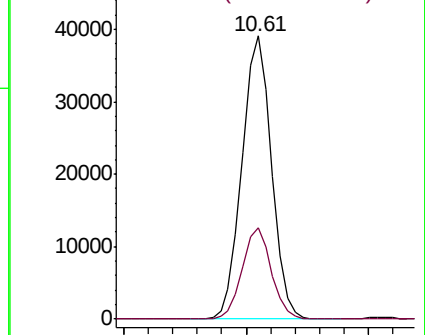
75 100

77 32.1 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 18.001 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

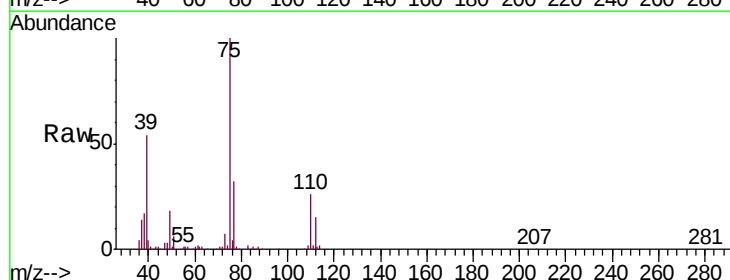
Tgt Ion: 75 Resp: 74885

Ion Ratio Lower Upper

75 100

77 32.2 24.6 37.0

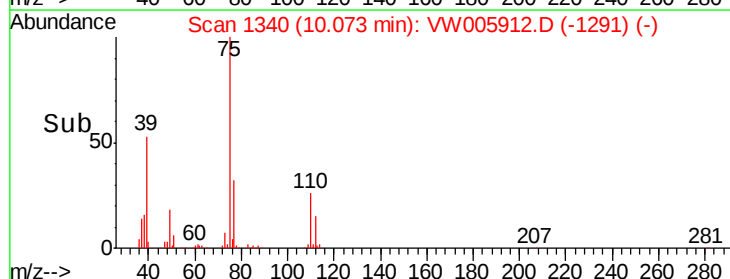
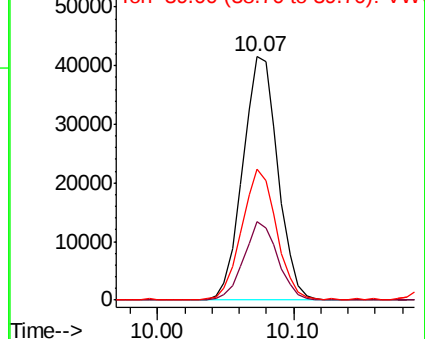
39 53.4 44.2 66.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

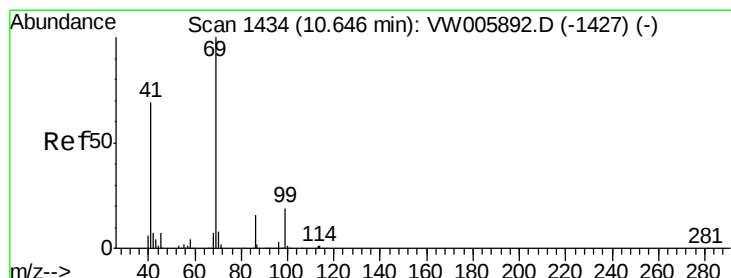
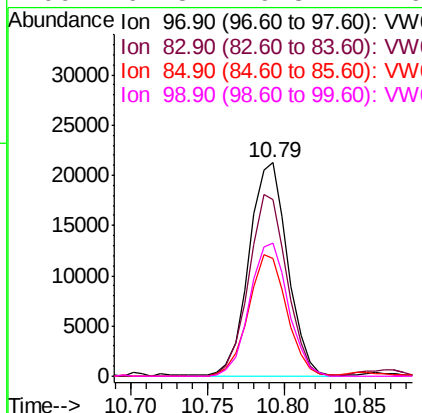
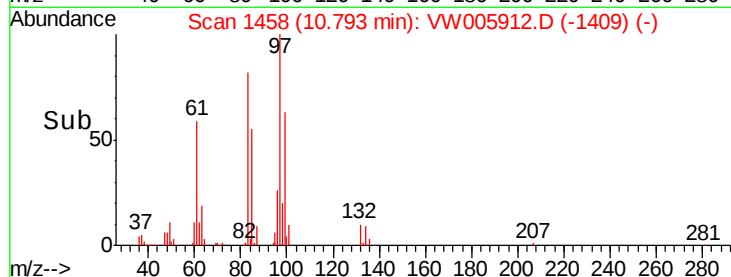
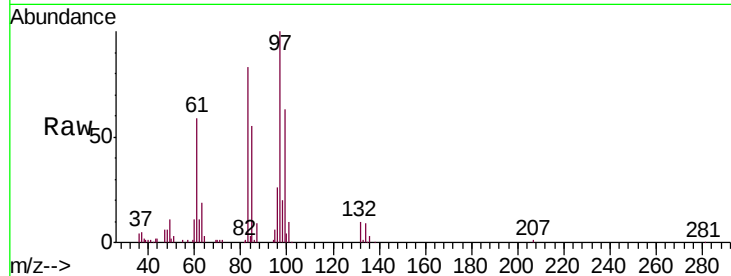




#55
 1,1,2-Trichloroethane
 Concen: 19.018 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

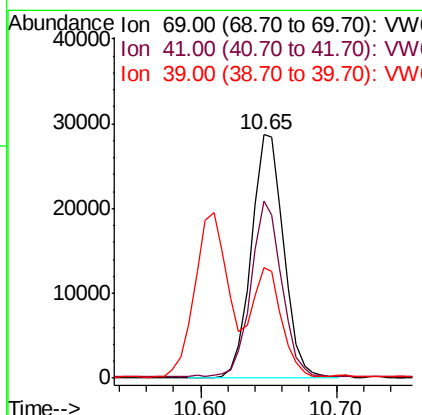
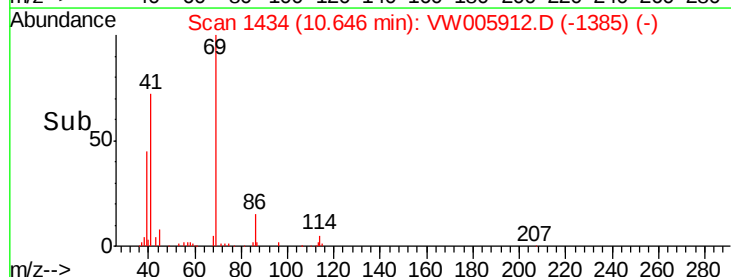
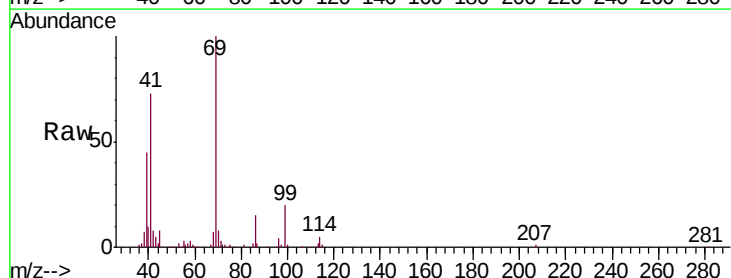
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS02

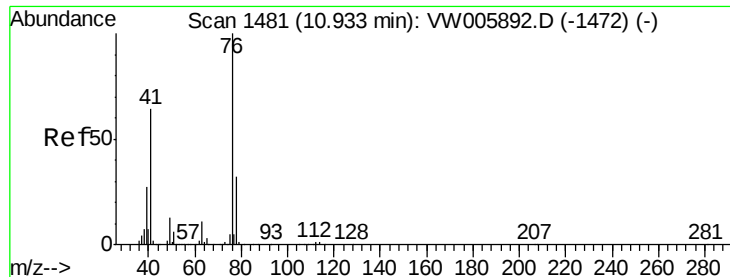
Tgt Ion:	97	Resp:	37071
Ion	Ratio	Lower	Upper
97	100		
83	82.9	66.9	100.3
85	55.2	43.4	65.0
99	62.8	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 18.257 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Tgt Ion:	69	Resp:	47964
Ion	Ratio	Lower	Upper
69	100		
41	67.9	56.0	84.0
39	41.3	33.5	50.3

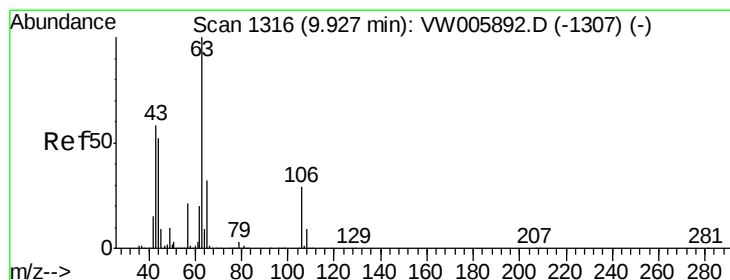
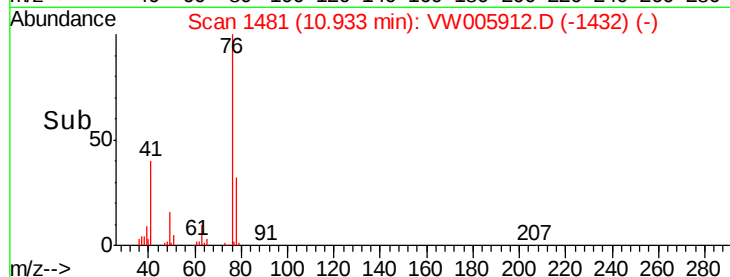
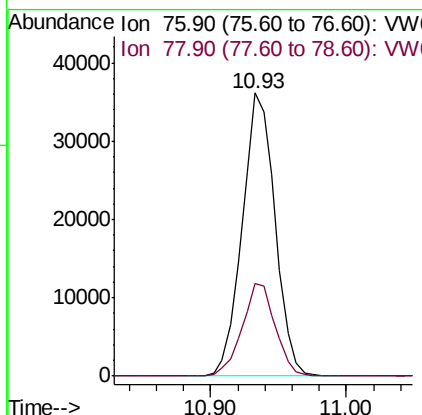
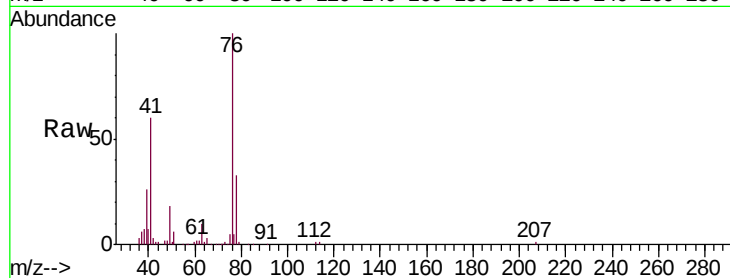




#57
 1,3-Dichloropropane
 Concen: 18.597 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

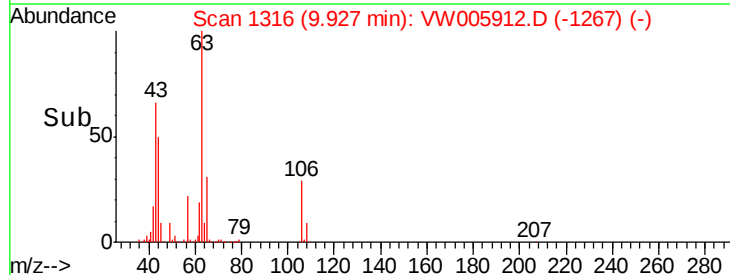
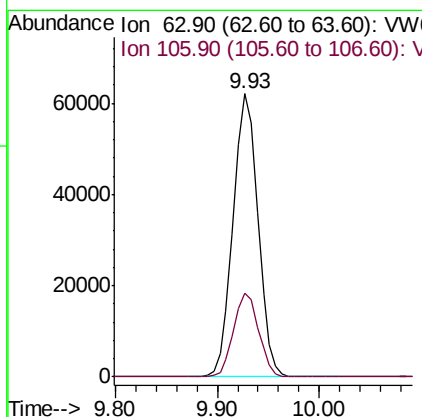
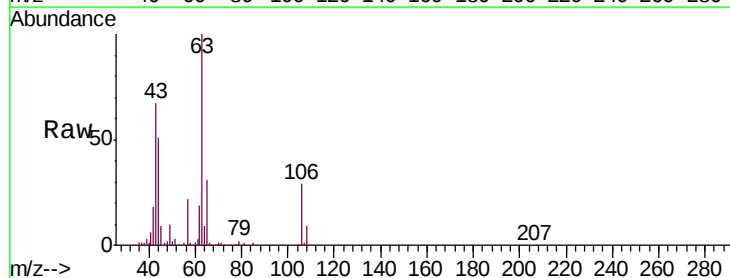
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS02

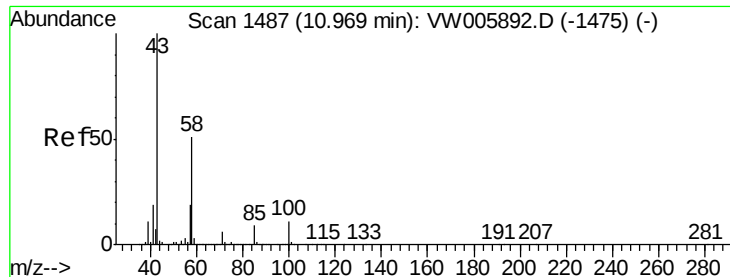
Tgt Ion: 76 Resp: 60984
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.758 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Tgt Ion: 63 Resp: 104501
 Ion Ratio Lower Upper
 63 100
 106 29.8 23.6 35.4

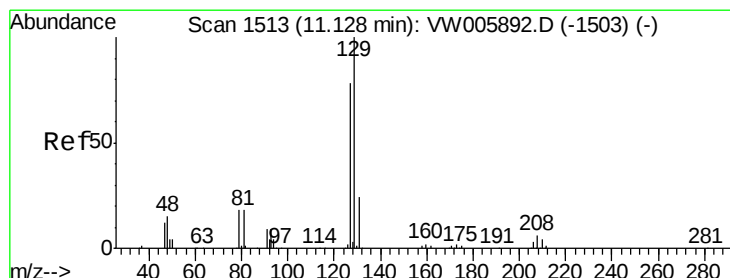
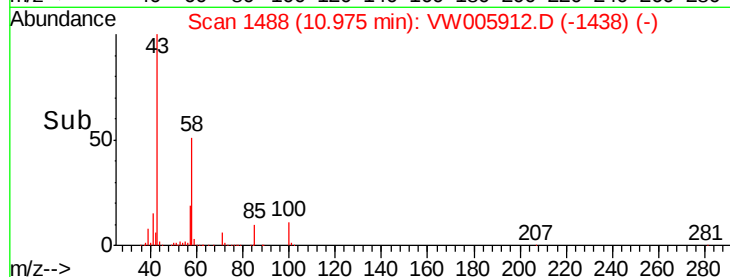
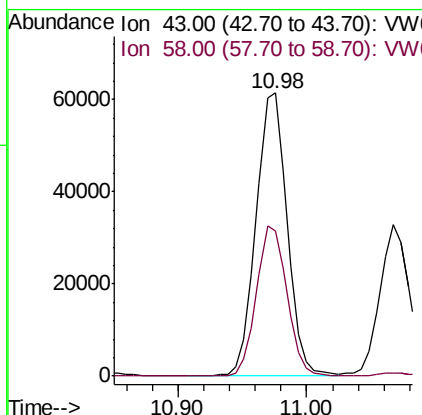
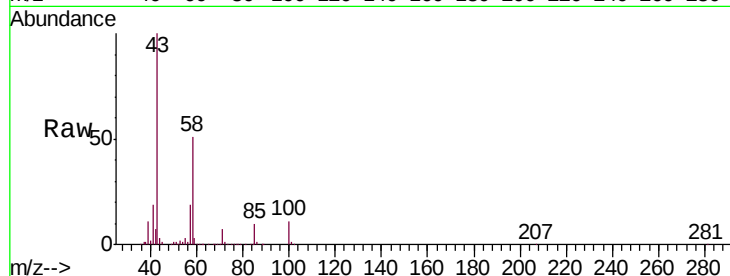




#59
2-Hexanone
Concen: 88.510 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

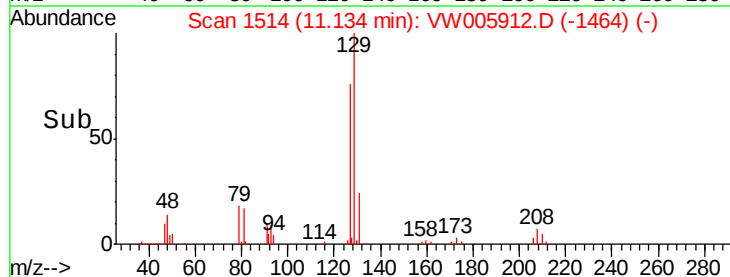
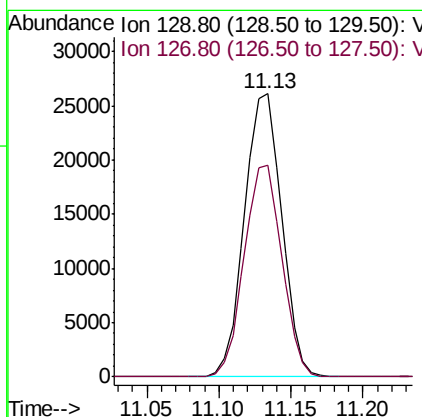
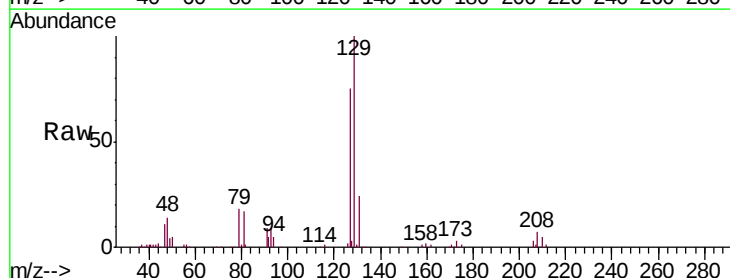
Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS02

Tgt Ion: 43 Resp: 102176
Ion Ratio Lower Upper
43 100
58 52.4 25.7 77.1



#60
Dibromochloromethane
Concen: 18.642 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Tgt Ion: 129 Resp: 46890
Ion Ratio Lower Upper
129 100
127 75.6 38.5 115.5

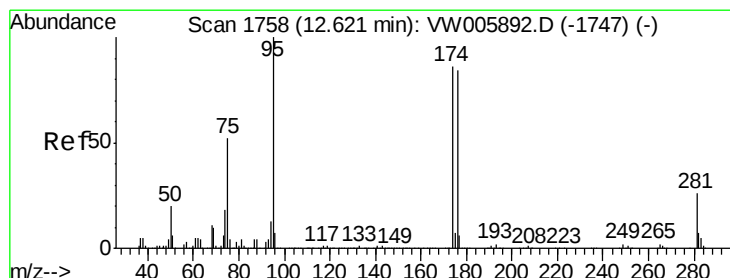
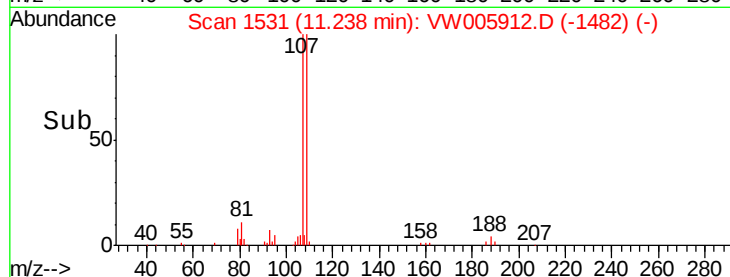
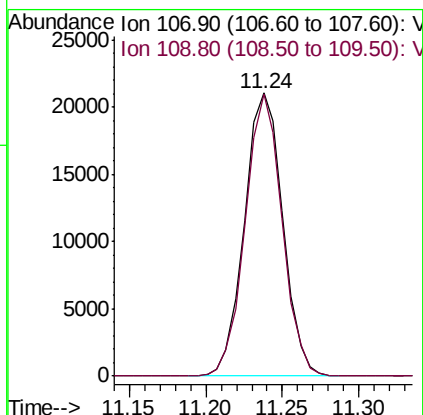
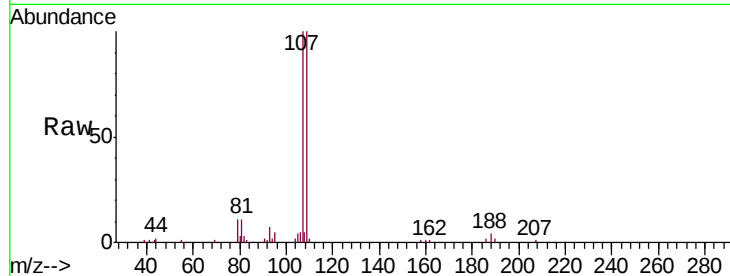




#61
 1,2-Dibromoethane
 Concen: 18.823 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

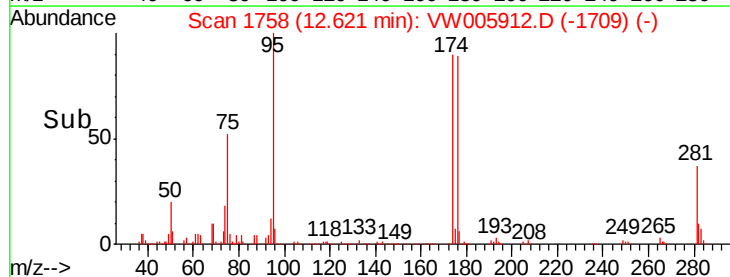
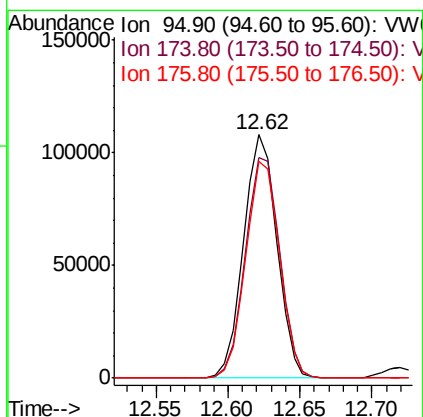
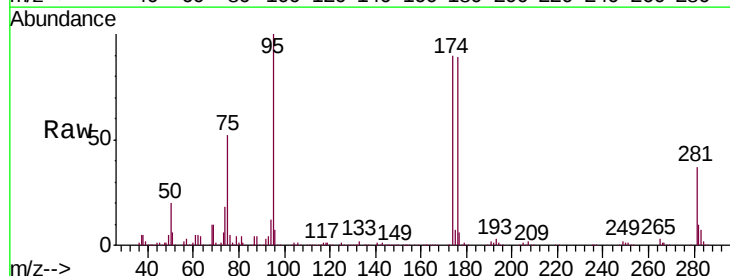
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS02

Tgt Ion: 107 Resp: 36664
 Ion Ratio Lower Upper
 107 100
 109 95.7 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 47.436 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Tgt Ion: 95 Resp: 172923
 Ion Ratio Lower Upper
 95 100
 174 93.5 0.0 176.4
 176 90.4 0.0 173.0

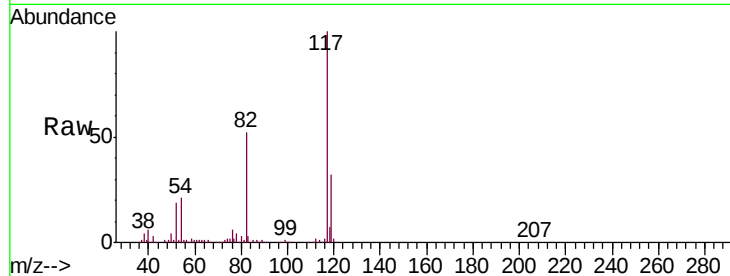




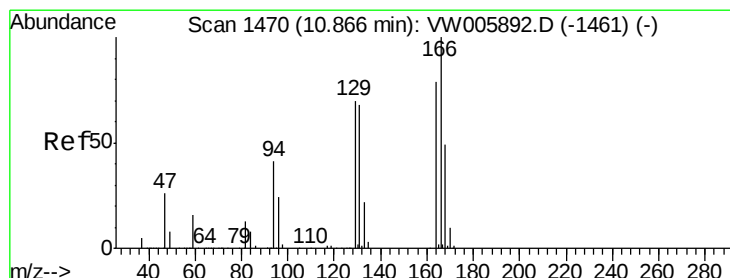
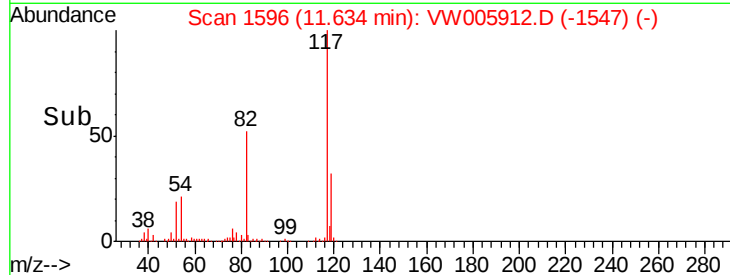
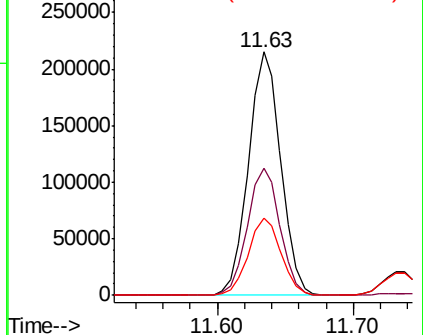
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS02

Tgt Ion:117 Resp: 357957
Ion Ratio Lower Upper
117 100
82 52.3 43.5 65.3
119 31.7 25.4 38.2

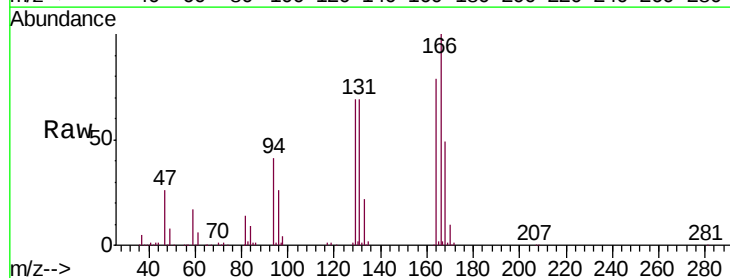


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

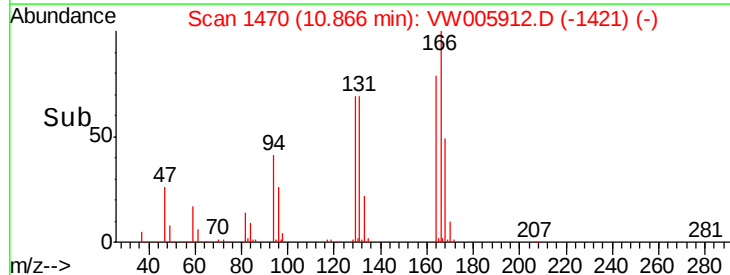
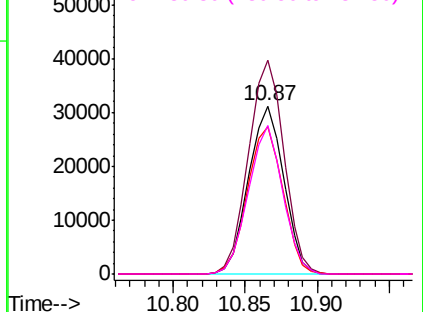


#64
Tetrachloroethene
Concen: 19.808 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Tgt Ion:164 Resp: 52817
Ion Ratio Lower Upper
164 100
166 127.4 101.5 152.3
129 87.7 71.1 106.7
131 88.4 69.1 103.7



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: 19.167 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

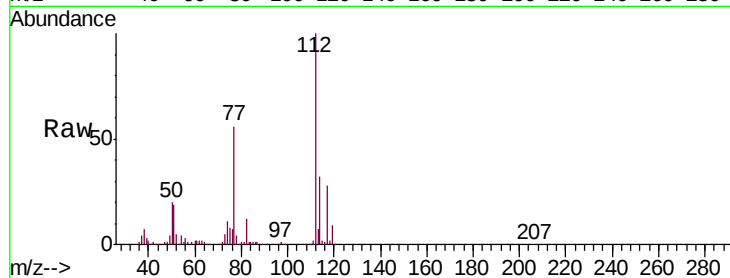
VW1008SBS02

Tgt Ion:112 Resp: 146962

Ion Ratio Lower Upper

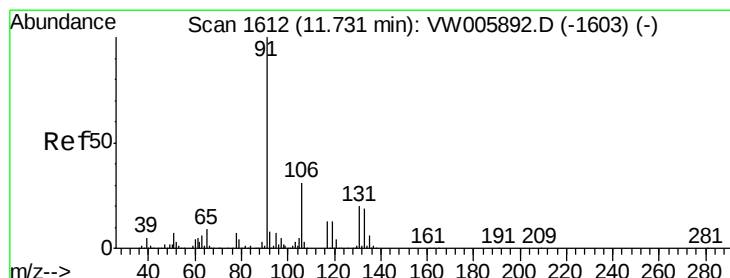
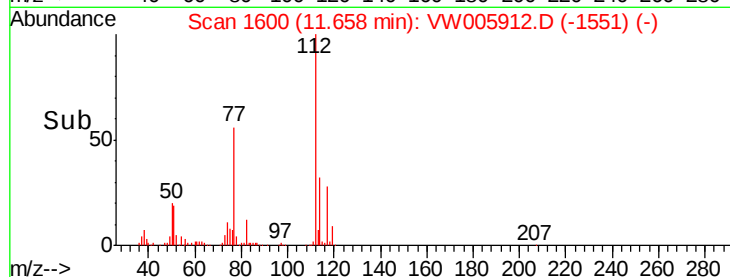
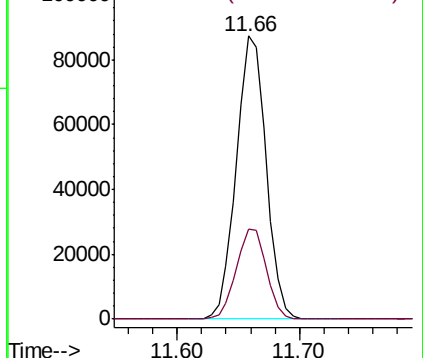
112 100

114 31.8 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.050 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

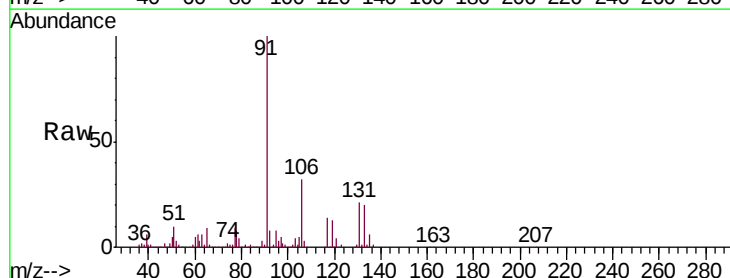
Tgt Ion:131 Resp: 53539

Ion Ratio Lower Upper

131 100

133 95.7 48.2 144.6

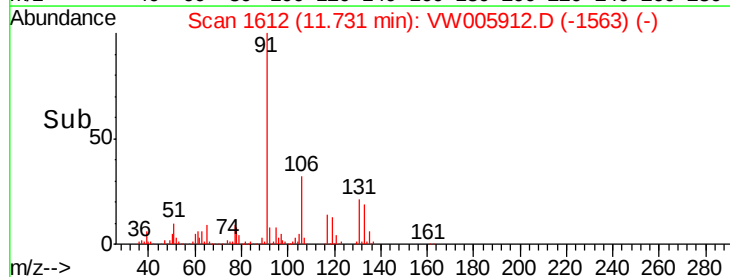
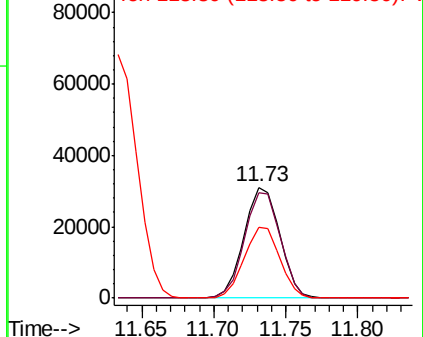
119 63.8 32.5 97.5

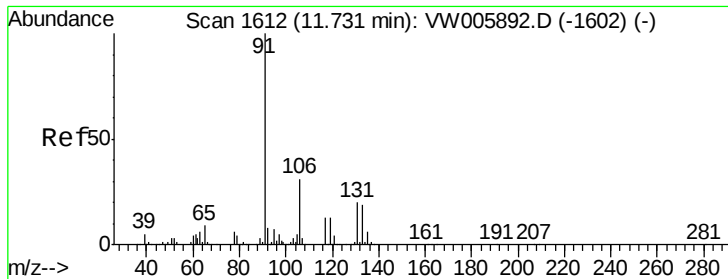


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

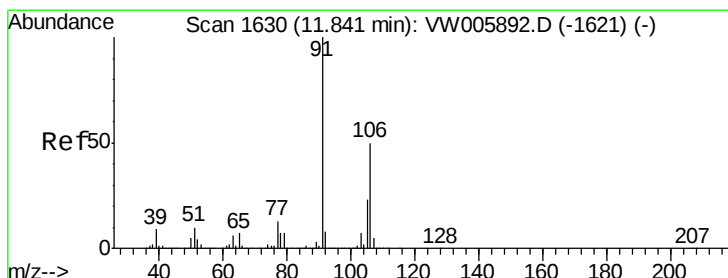
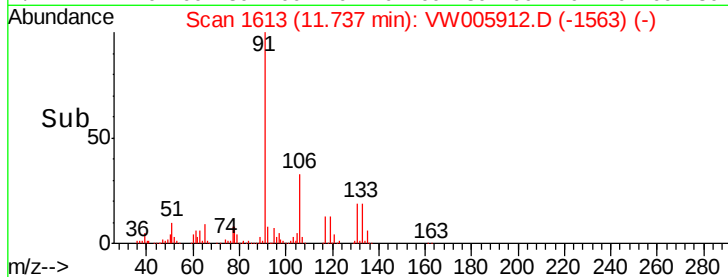
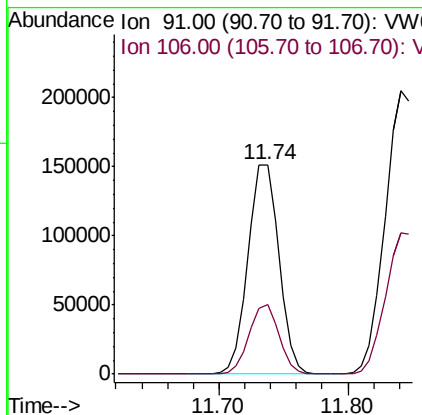
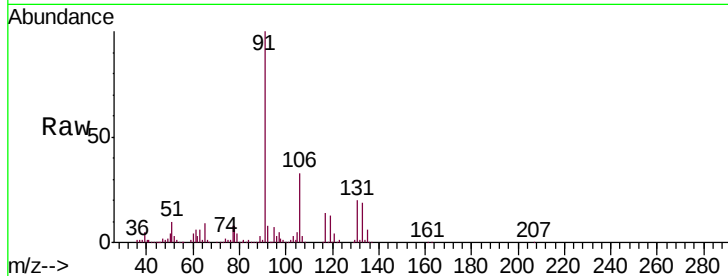




#67
Ethyl Benzene
Concen: 18.567 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

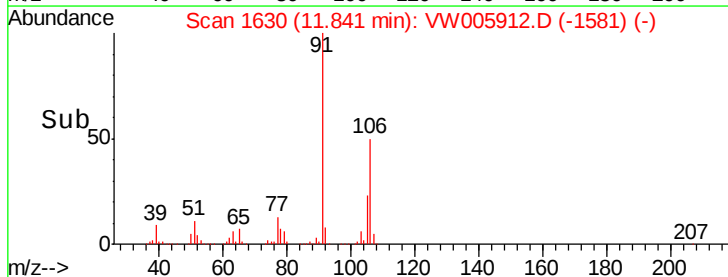
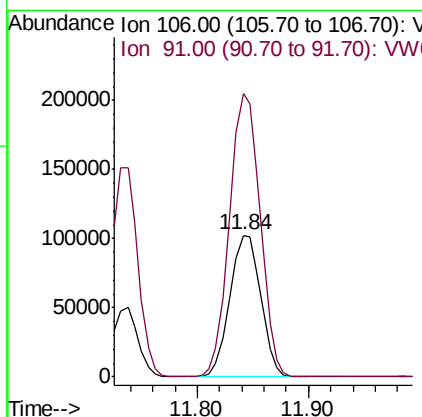
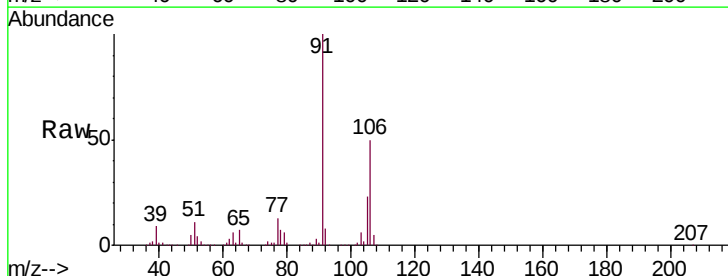
Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS02

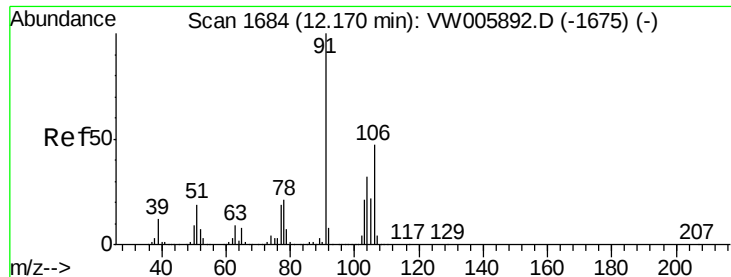
Tgt Ion: 91 Resp: 251457
Ion Ratio Lower Upper
91 100
106 33.1 25.0 37.6



#68
m/p-Xylenes
Concen: 37.140 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Tgt Ion: 106 Resp: 196570
Ion Ratio Lower Upper
106 100
91 199.1 160.2 240.2

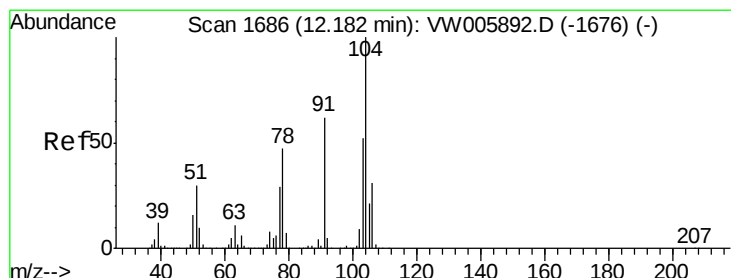
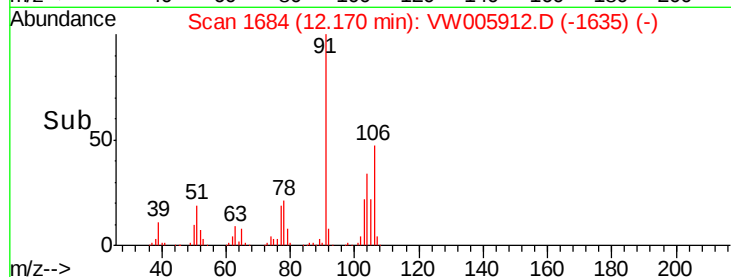
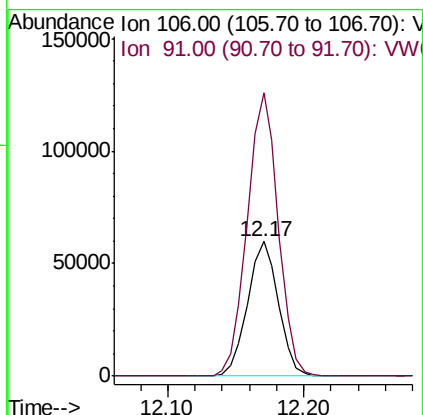
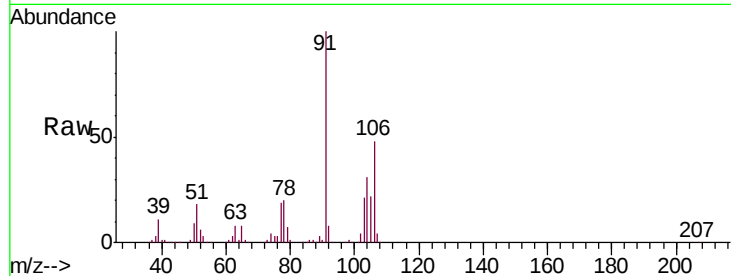




#69
o-Xylene
Concen: 18.833 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

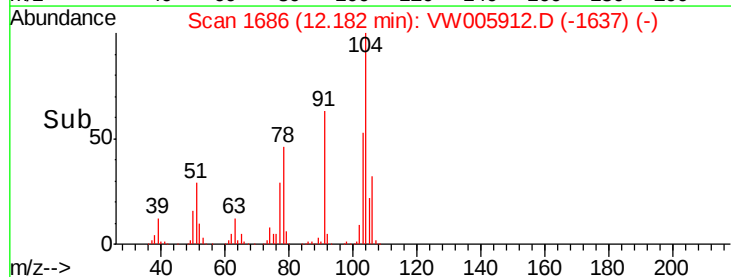
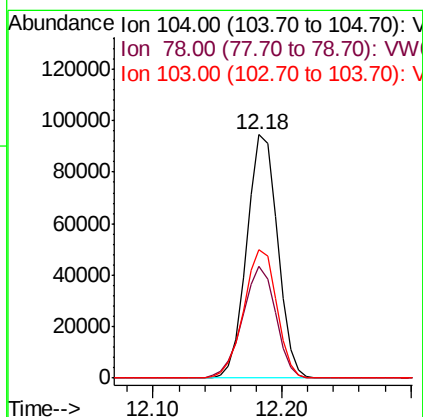
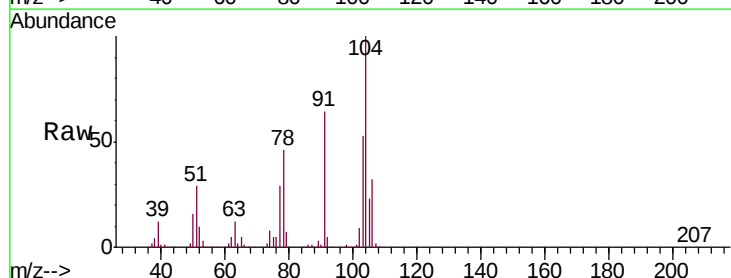
Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS02

Tgt Ion:106 Resp: 95428
Ion Ratio Lower Upper
106 100
91 210.3 106.2 318.5



#70
Styrene
Concen: 18.553 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Tgt Ion:104 Resp: 155973
Ion Ratio Lower Upper
104 100
78 49.3 40.4 60.6
103 56.3 44.2 66.2





#71

Bromoform

Concen: 18.120 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS02

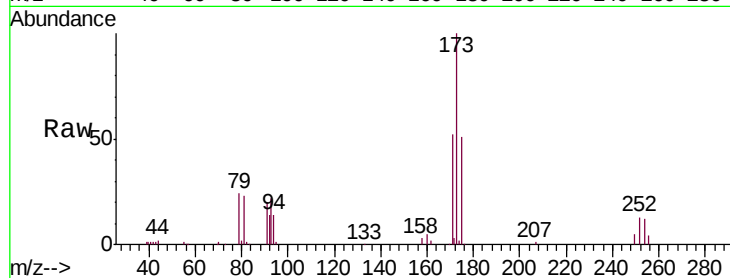
Tgt Ion:173 Resp: 30335

Ion Ratio Lower Upper

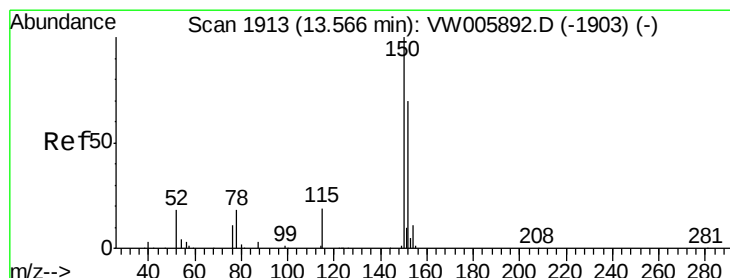
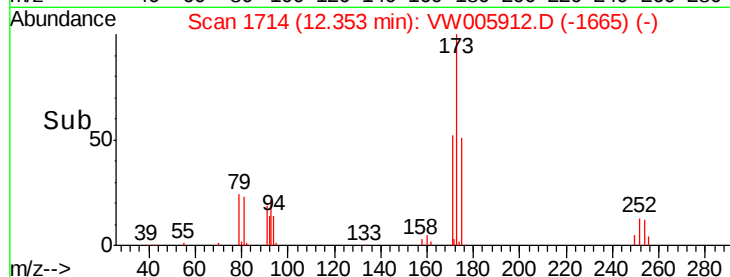
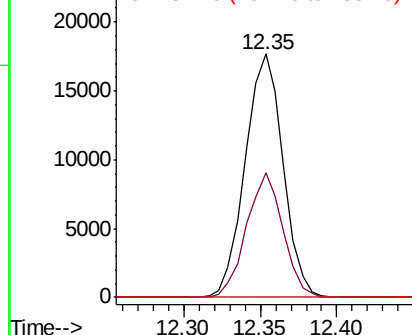
173 100

175 49.4 24.7 74.1

254 0.0 0.2 0.2#



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: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

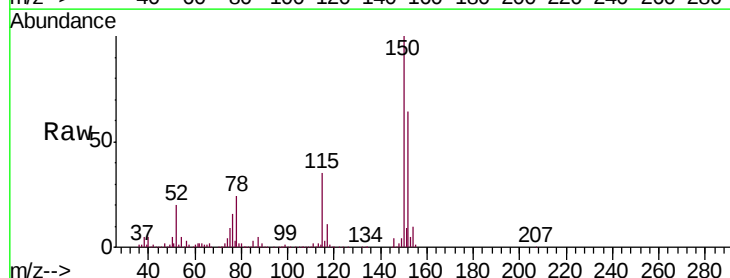
Tgt Ion:152 Resp: 196673

Ion Ratio Lower Upper

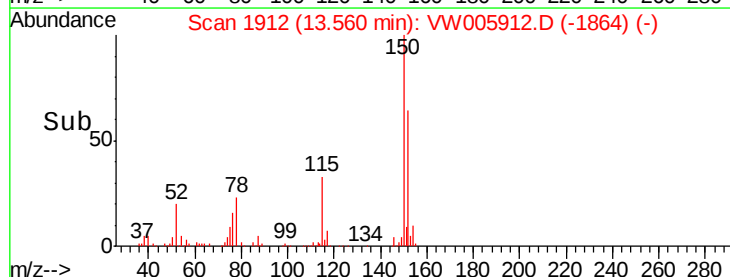
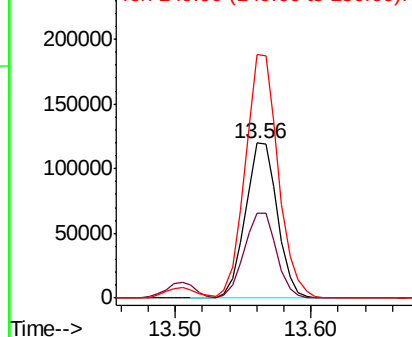
152 100

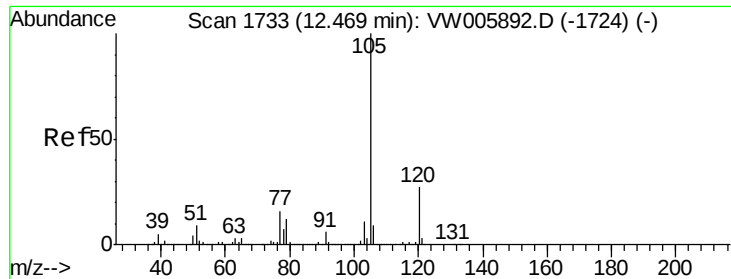
115 55.1 28.3 85.0

150 162.1 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: 18.357 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

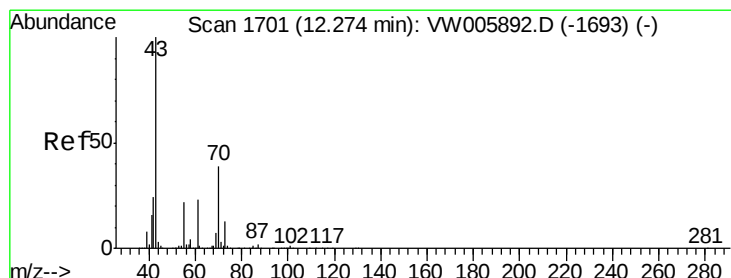
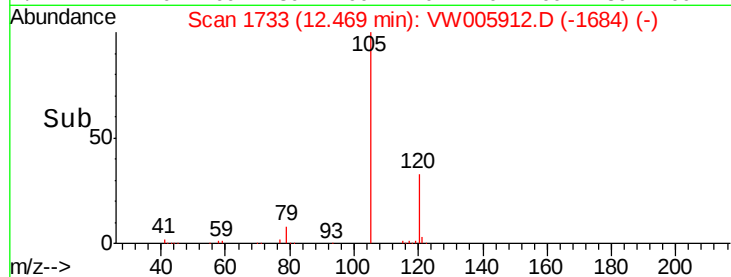
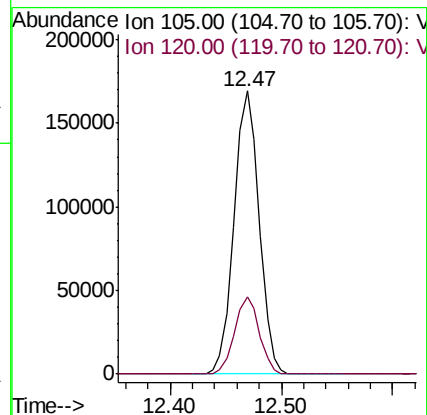
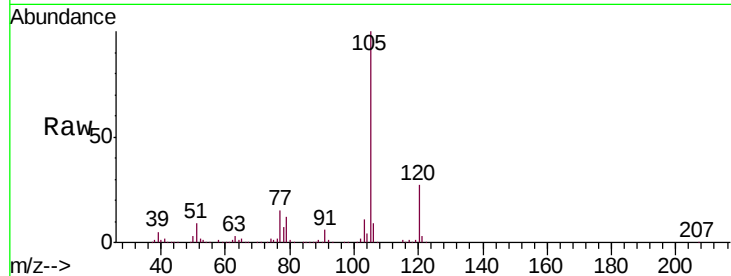
VW1008SBS02

Tgt Ion:105 Resp: 263674

Ion Ratio Lower Upper

105 100

120 26.8 13.6 40.8



#74

N-ethyl acetate

Concen: 17.539 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Tgt Ion: 43 Resp: 59828

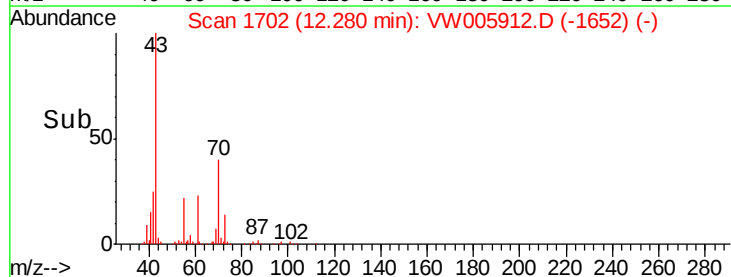
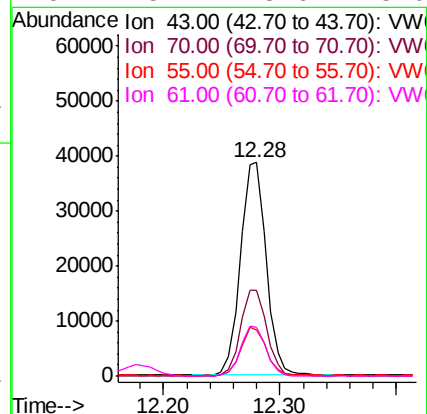
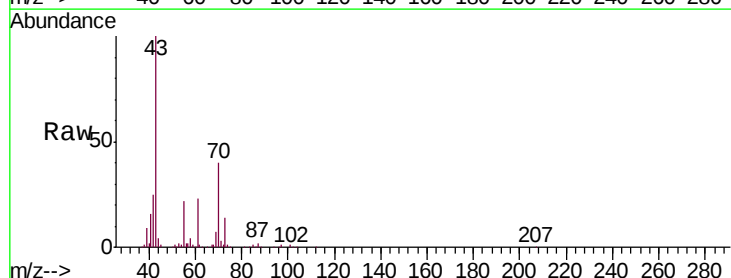
Ion Ratio Lower Upper

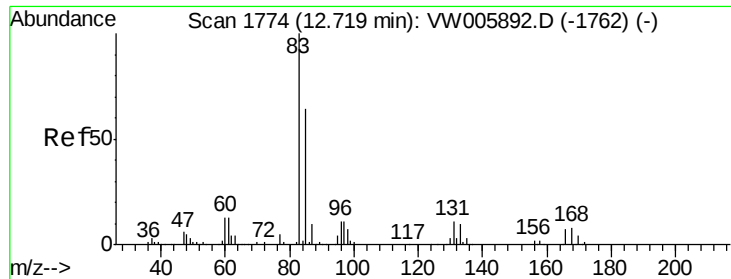
43 100

70 41.3 31.6 47.4

55 22.5 17.9 26.9

61 23.1 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.719 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS02

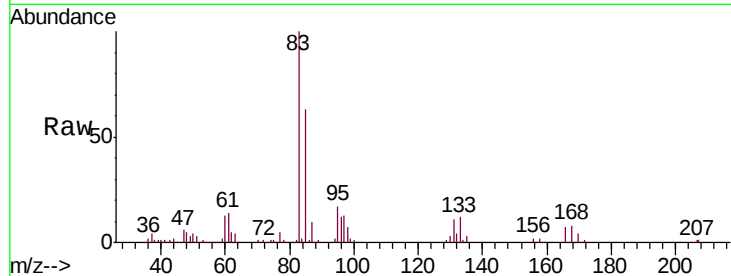
Tgt Ion: 83 Resp: 44069

Ion Ratio Lower Upper

83 100

131 11.9 5.8 17.3

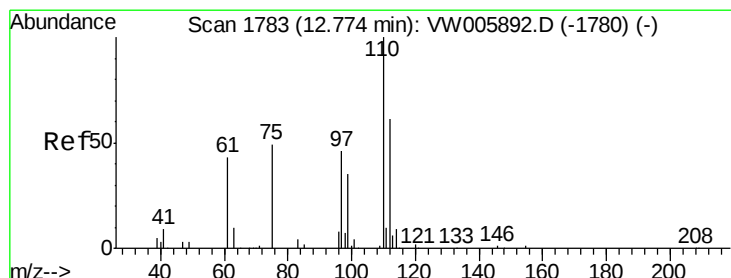
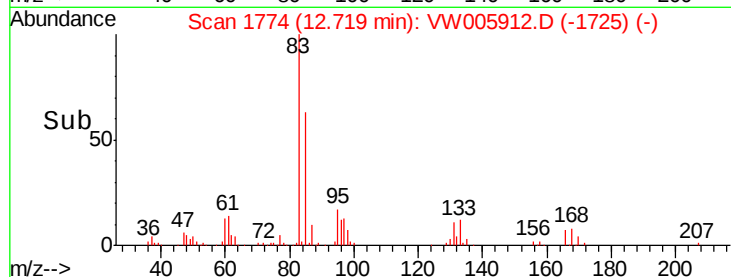
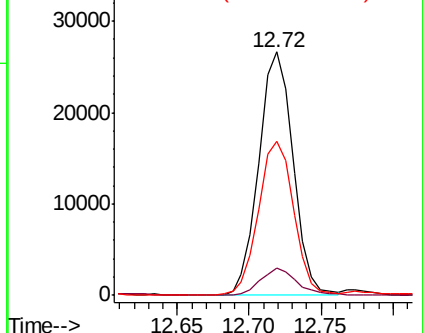
85 65.1 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 32.692 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW005912.D

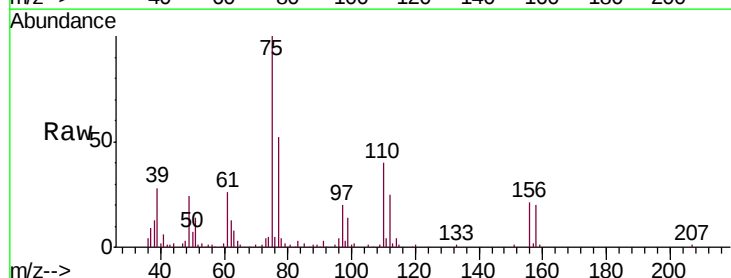
Acq: 09 Oct 2018 00:36

Tgt Ion: 75 Resp: 57435

Ion Ratio Lower Upper

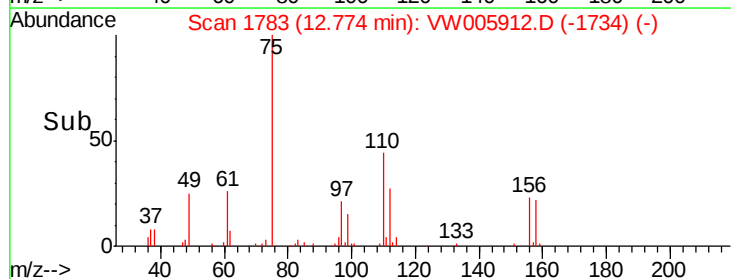
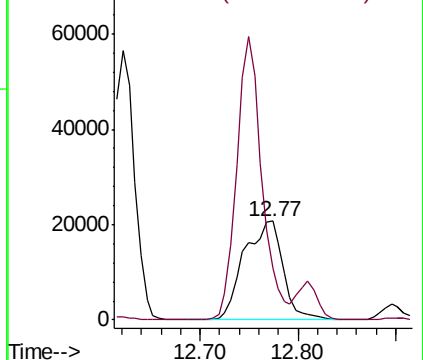
75 100

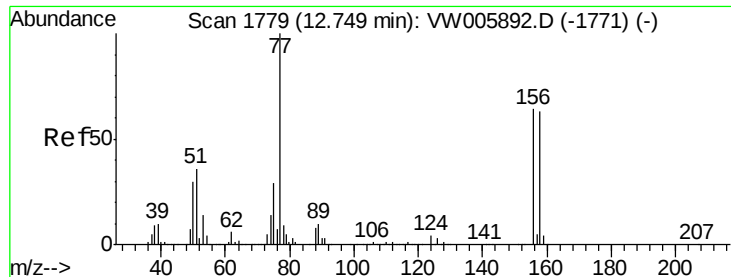
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

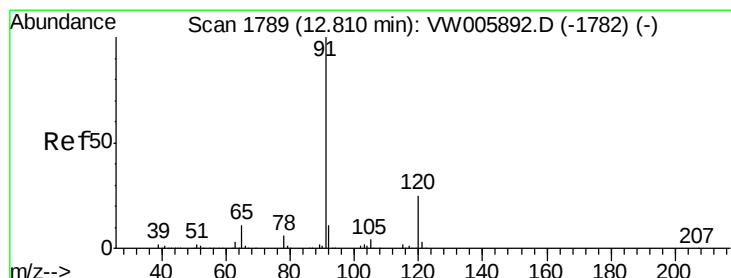
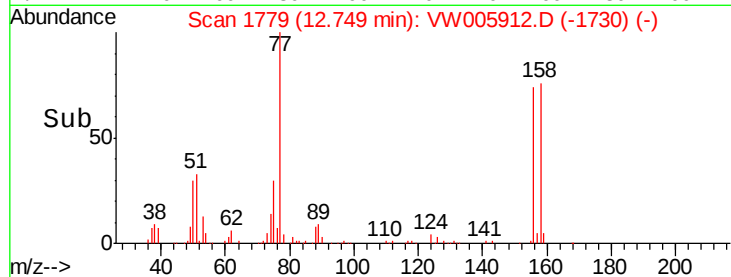
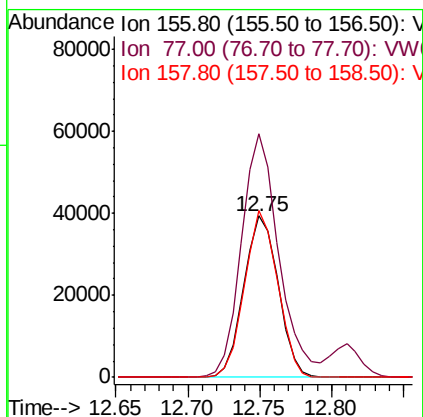
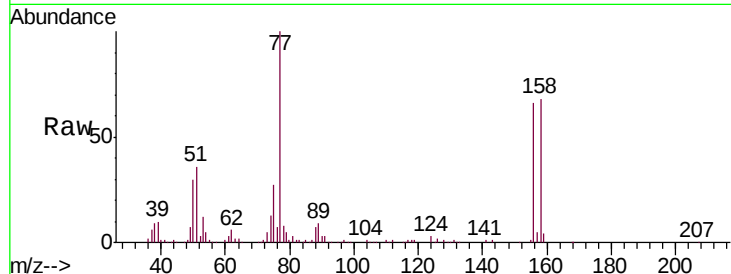




#77
Bromobenzene
Concen: 19.169 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

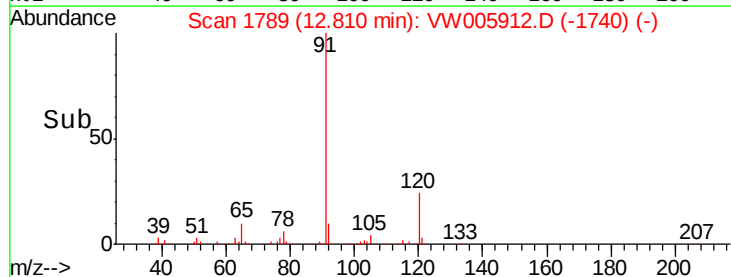
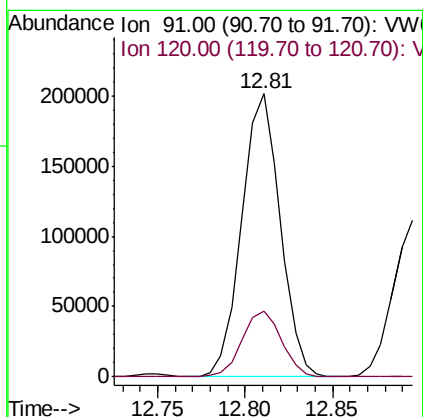
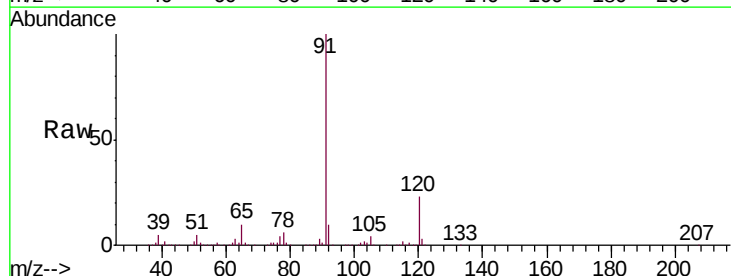
Instrument :
MSVOA_W
ClientSampleId :
VW1008SBS02

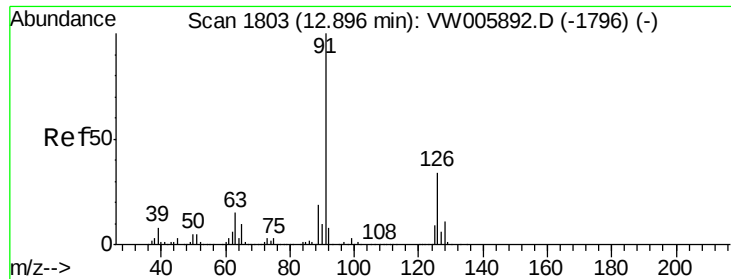
Tgt Ion:156 Resp: 65230
Ion Ratio Lower Upper
156 100
77 164.5 85.8 257.4
158 99.4 49.1 147.4



#78
n-propylbenzene
Concen: 18.202 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW005912.D
Acq: 09 Oct 2018 00:36

Tgt Ion: 91 Resp: 307552
Ion Ratio Lower Upper
91 100
120 23.9 12.0 36.0





#79

2-Chlorotoluene

Concen: 18.347 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

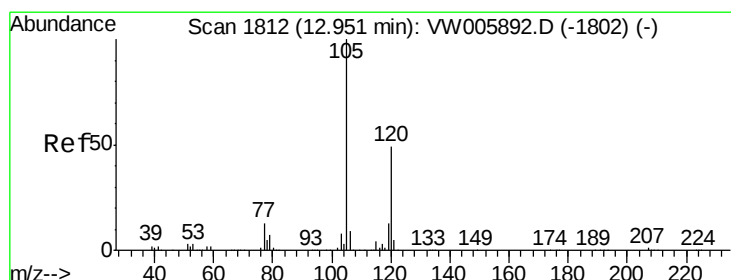
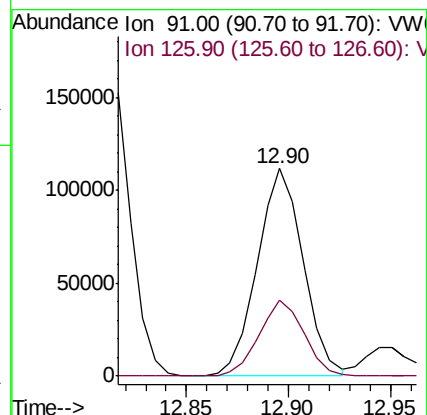
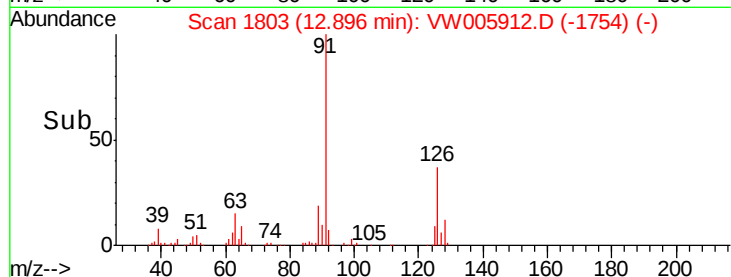
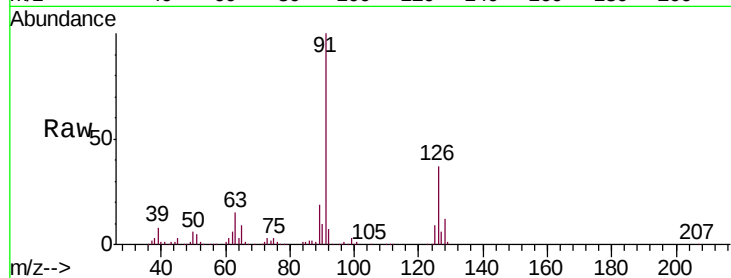
VW1008SBS02

Tgt Ion: 91 Resp: 174988

Ion Ratio Lower Upper

91 100

126 36.2 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 18.203 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005912.D

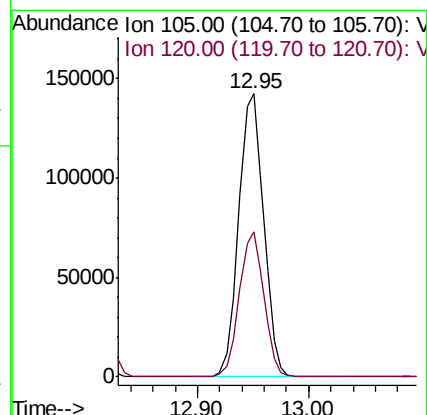
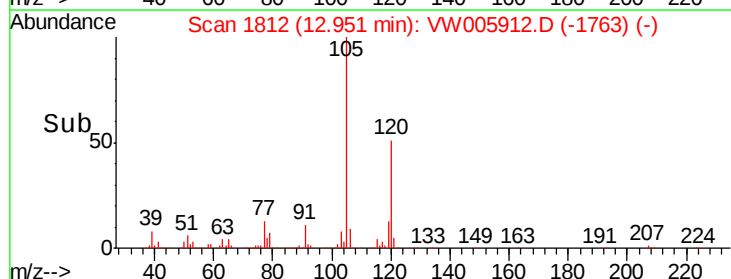
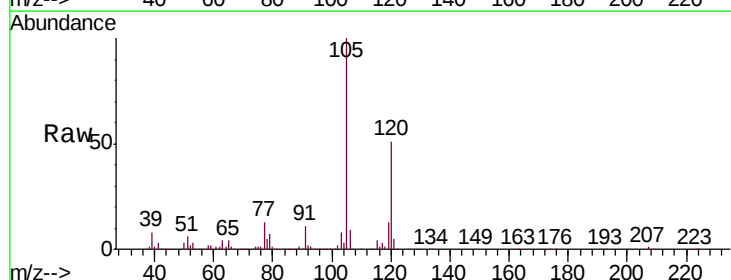
Acq: 09 Oct 2018 00:36

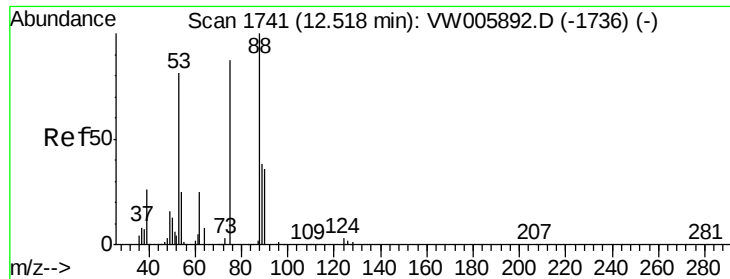
Tgt Ion: 105 Resp: 220741

Ion Ratio Lower Upper

105 100

120 50.4 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 14.927 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS02

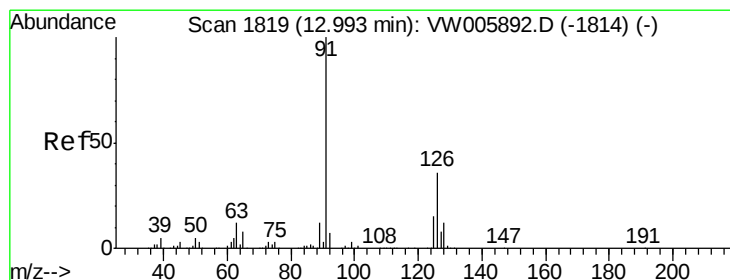
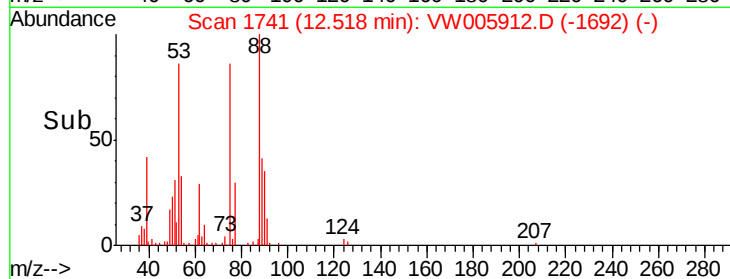
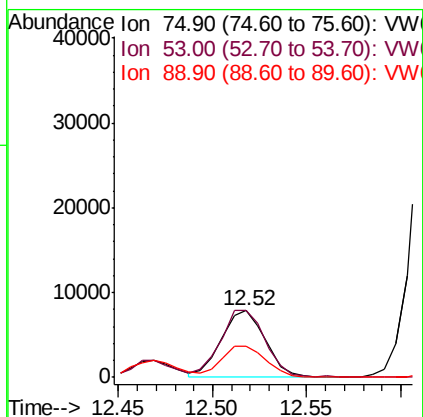
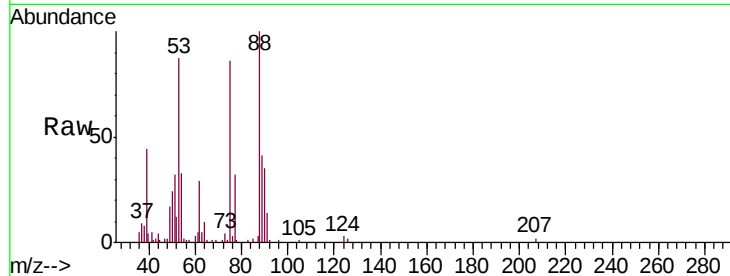
Tgt Ion: 75 Resp: 12422

Ion Ratio Lower Upper

75 100

53 105.9 76.5 114.7

89 48.5 37.6 56.4



#82

4-Chlorotoluene

Concen: 18.201 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW005912.D

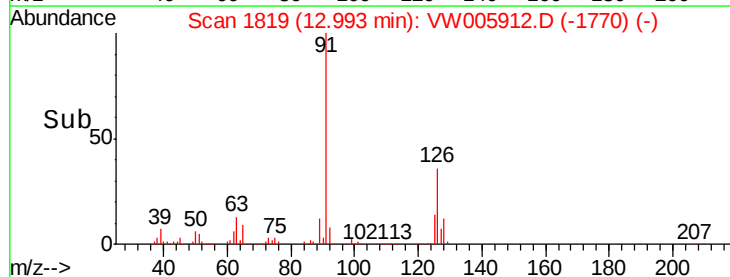
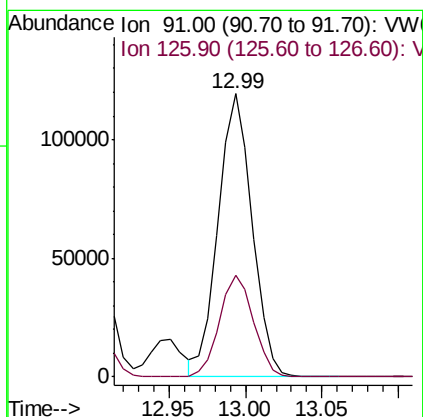
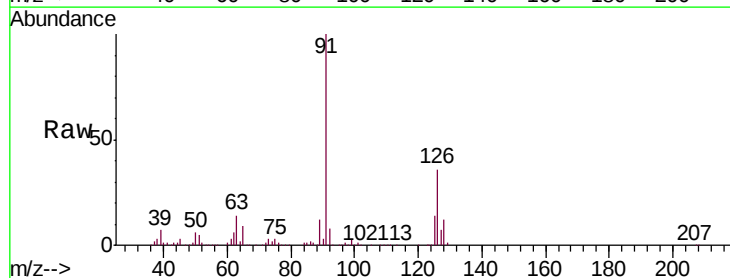
Acq: 09 Oct 2018 00:36

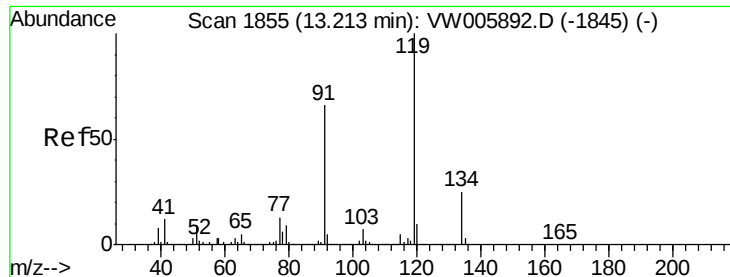
Tgt Ion: 91 Resp: 182646

Ion Ratio Lower Upper

91 100

126 36.2 17.4 52.2





#83

tert-Butylbenzene

Concen: 18.354 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS02

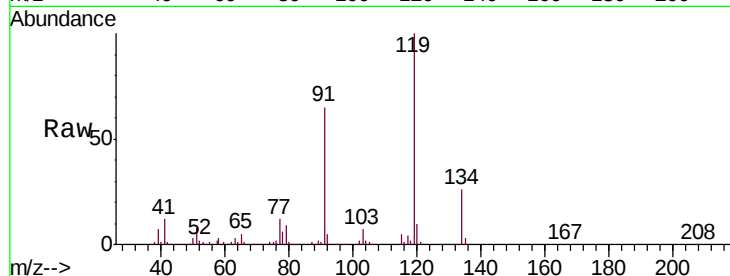
Tgt Ion:119 Resp: 197957

Ion Ratio Lower Upper

119 100

91 64.4 32.4 97.0

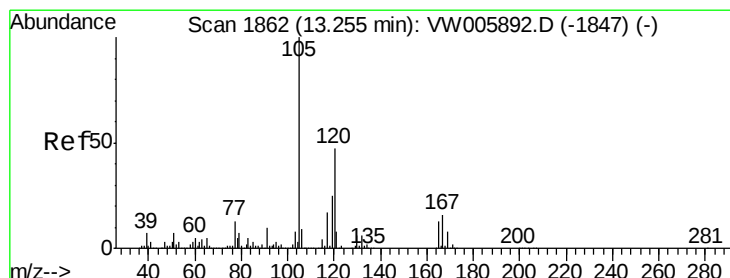
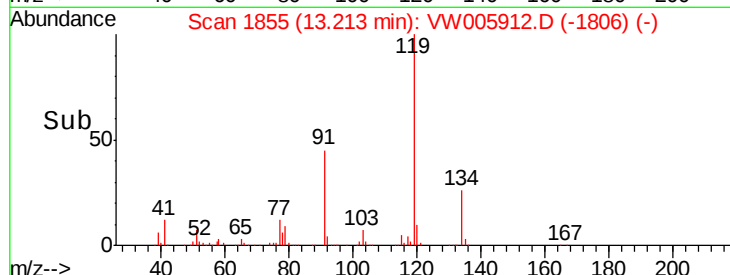
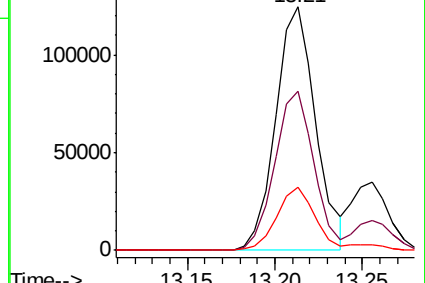
134 27.0 13.2 39.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.427 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW005912.D

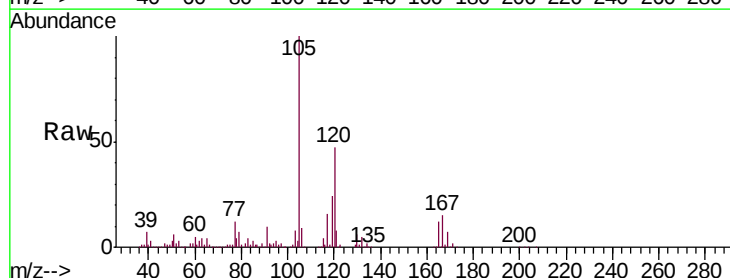
Acq: 09 Oct 2018 00:36

Tgt Ion:105 Resp: 225401

Ion Ratio Lower Upper

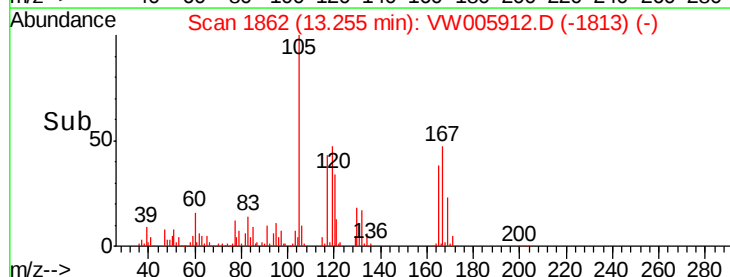
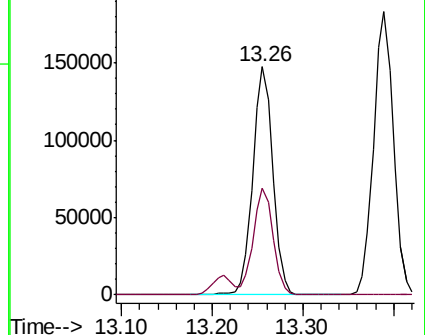
105 100

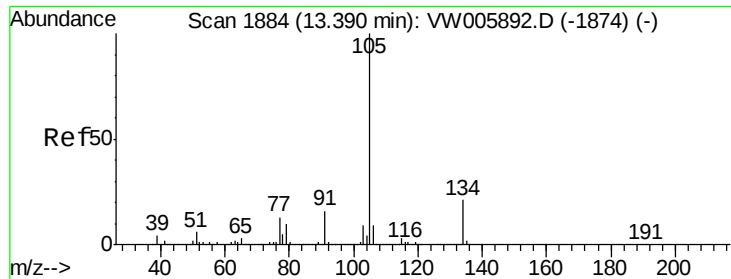
120 46.1 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

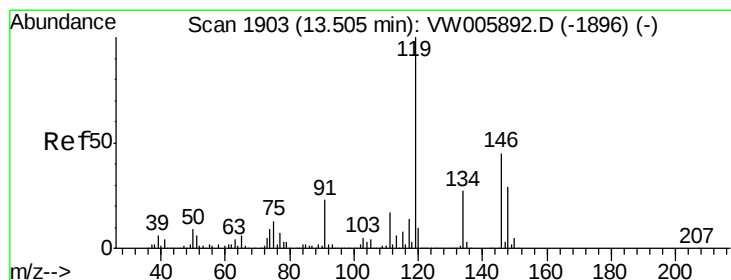
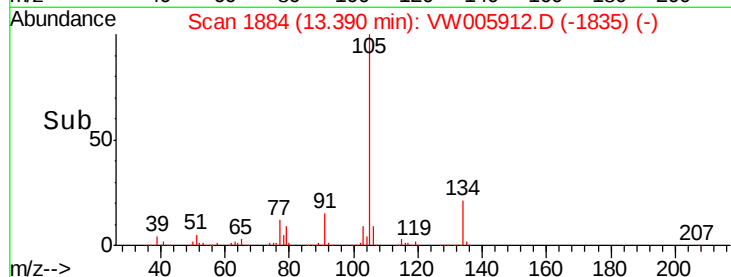
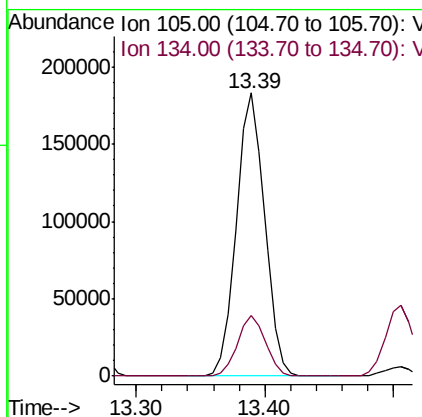
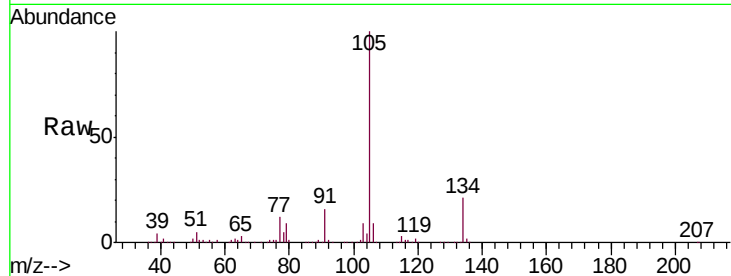




#85
 sec-Butylbenzene
 Concen: 18.397 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

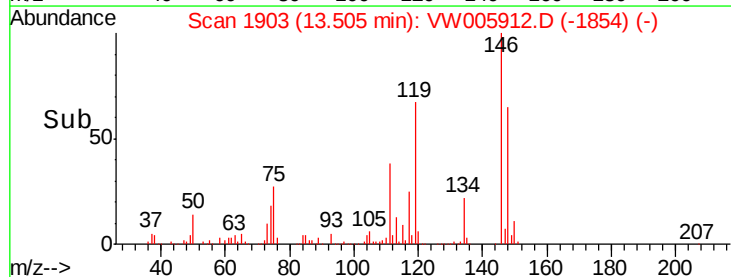
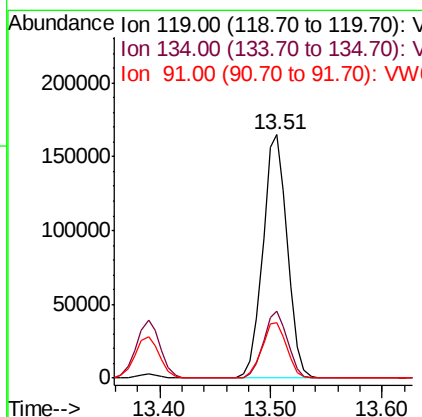
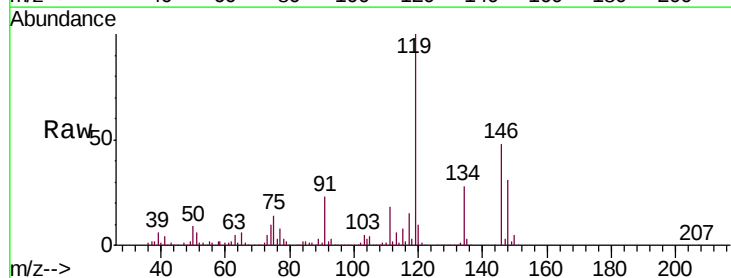
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS02

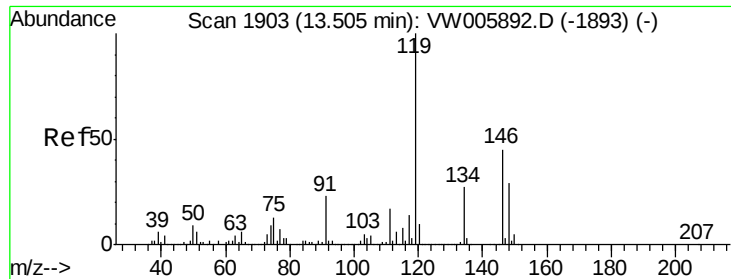
Tgt Ion:105 Resp: 278515
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 18.517 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Tgt Ion:119 Resp: 252101
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.5 40.5
 91 23.1 11.9 35.5

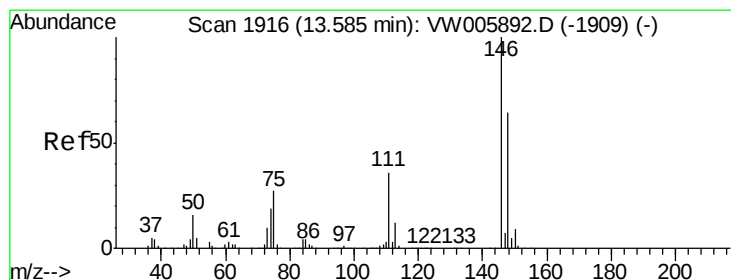
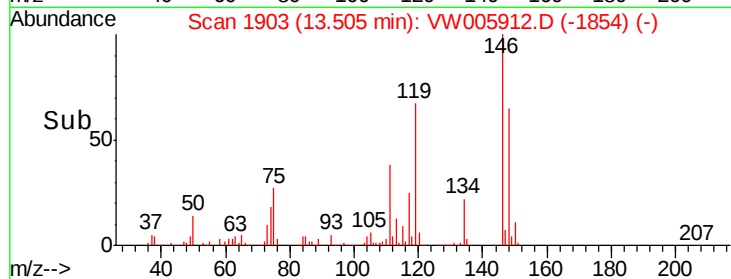
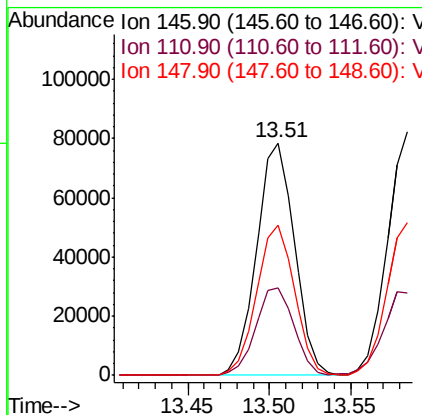
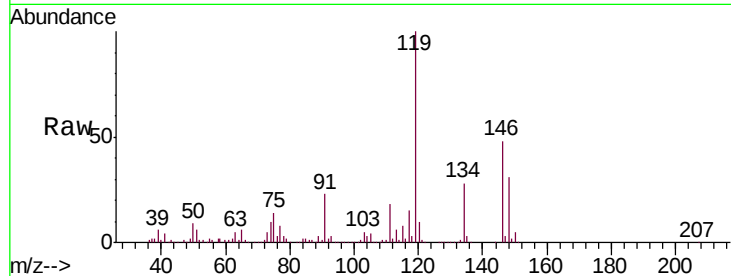




#87
 1,3-Dichlorobenzene
 Concen: 18.770 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

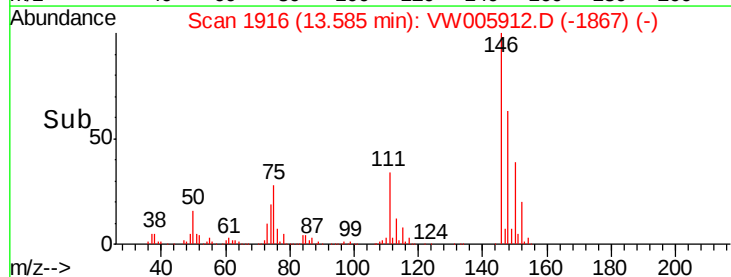
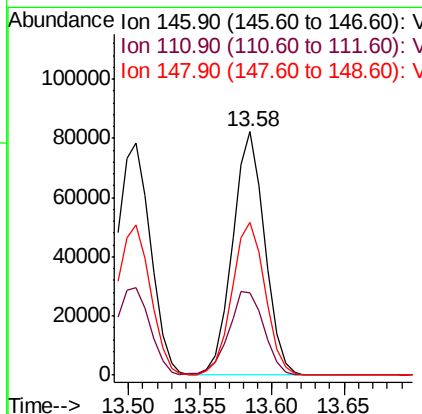
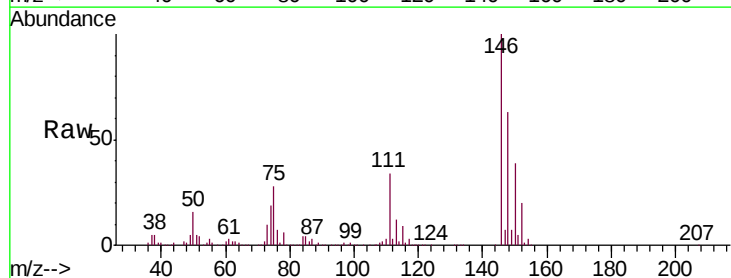
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS02

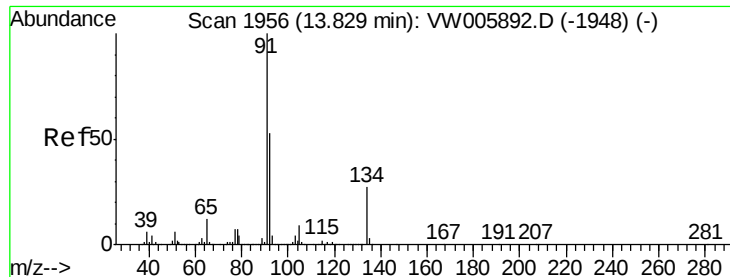
Tgt Ion:146 Resp: 126897
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.5 58.5
 148 64.7 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.047 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Tgt Ion:146 Resp: 127962
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.0 57.0
 148 64.8 32.0 96.2





#89

n-Butylbenzene

Concen: 18.110 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS02

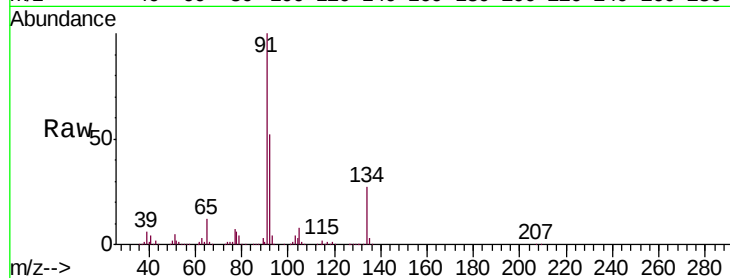
Tgt Ion: 91 Resp: 232409

Ion Ratio Lower Upper

91 100

92 52.4 26.6 79.8

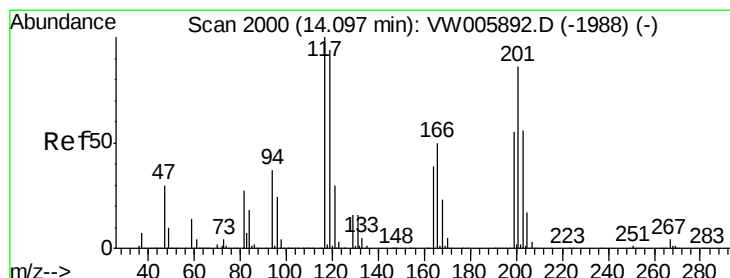
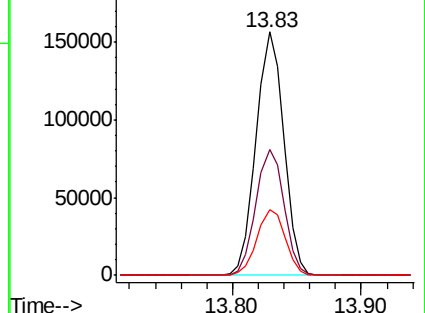
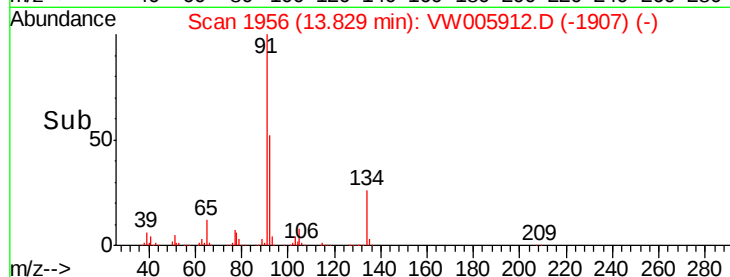
134 27.7 13.8 41.4



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: 17.460 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW005912.D

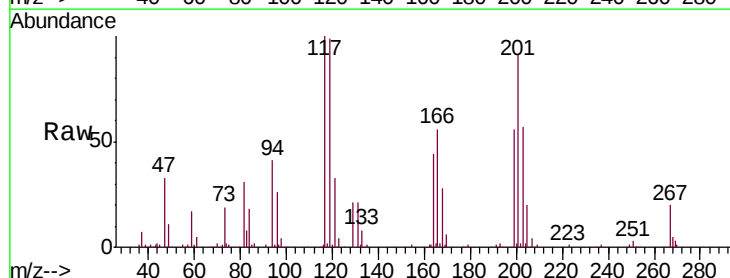
Acq: 09 Oct 2018 00:36

Tgt Ion: 117 Resp: 44709

Ion Ratio Lower Upper

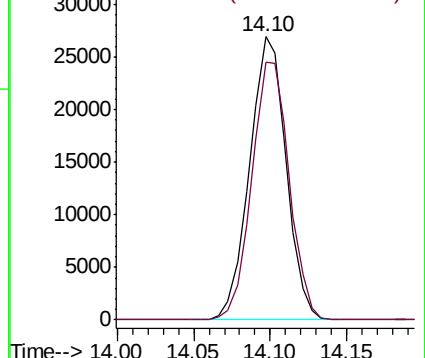
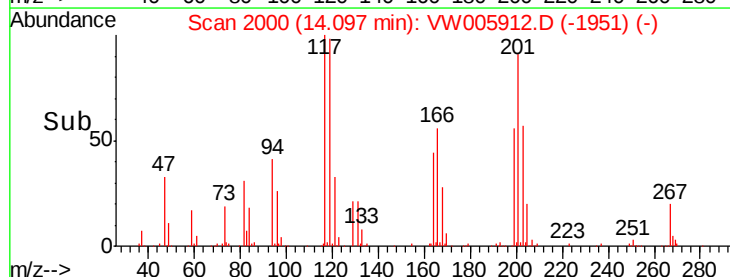
117 100

201 93.4 44.5 133.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

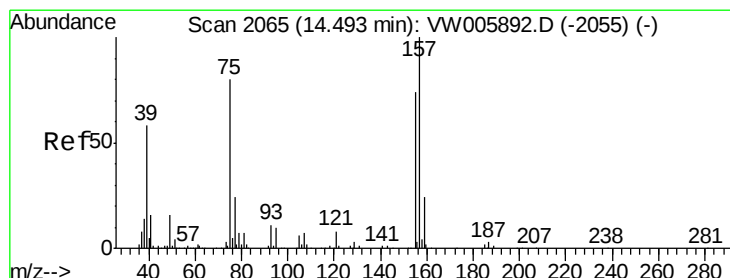
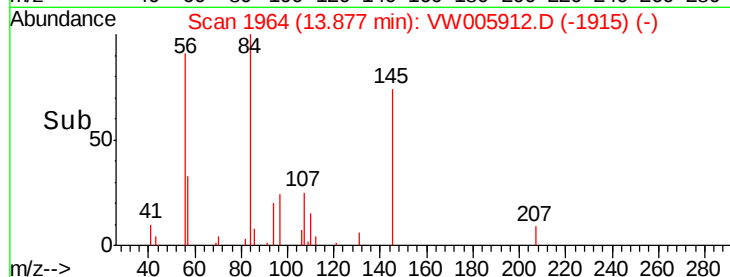
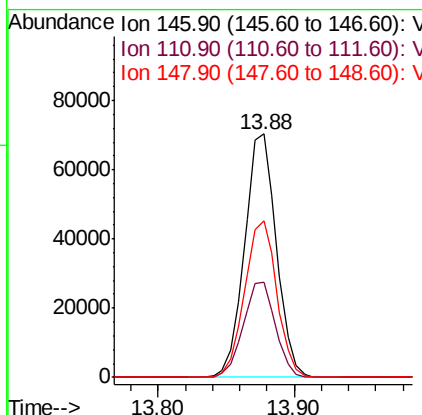
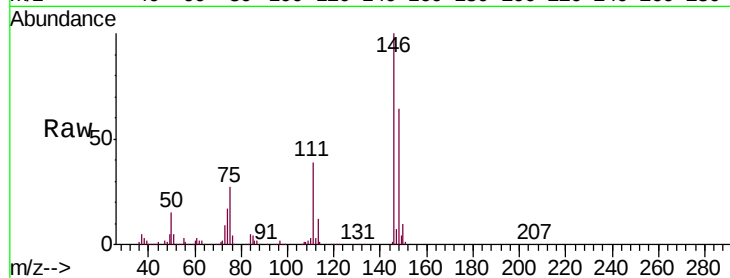




#91
 1,2-Dichlorobenzene
 Concen: 19.140 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

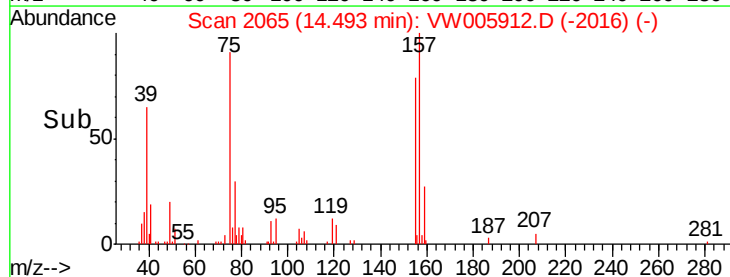
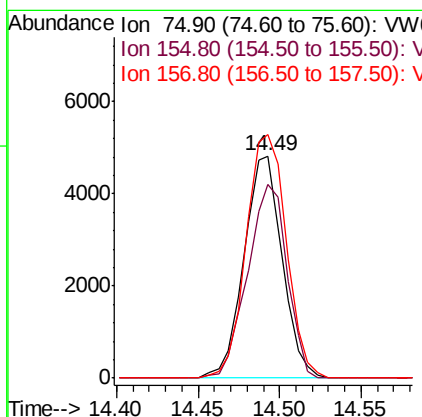
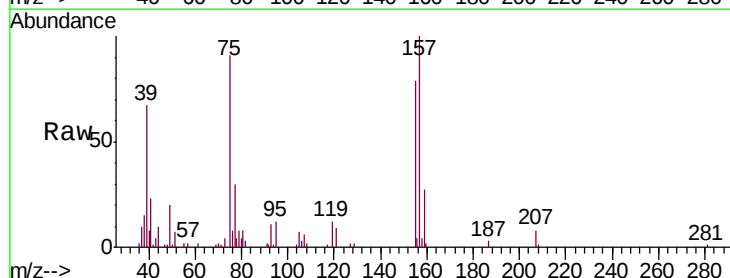
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS02

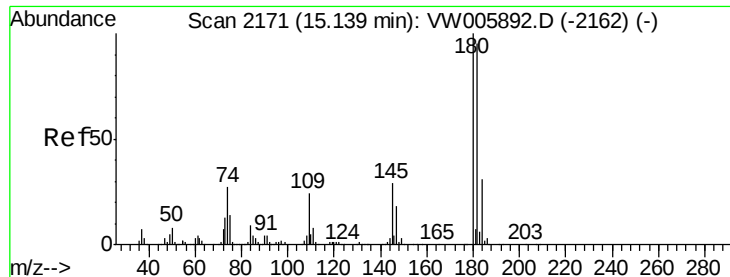
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.3	61.0
148	65.0	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.888 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.0	44.8	134.3
157	115.2	58.9	176.6

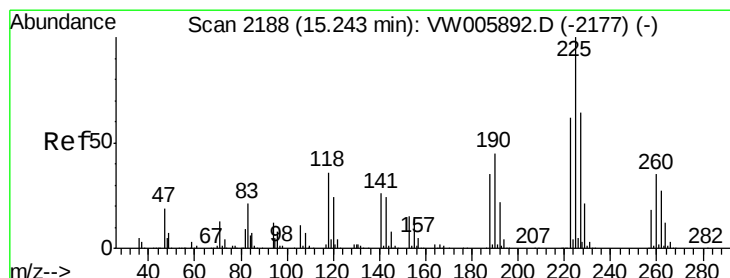
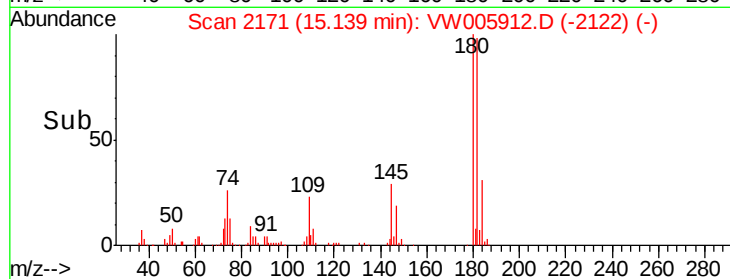
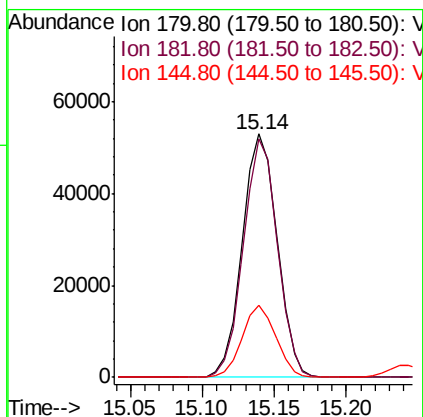
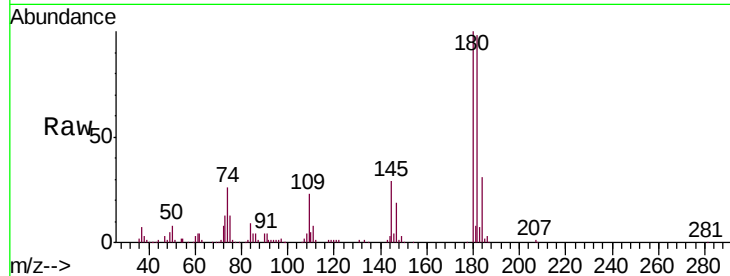




#93
 1,2,4-Trichlorobenzene
 Concen: 19.070 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

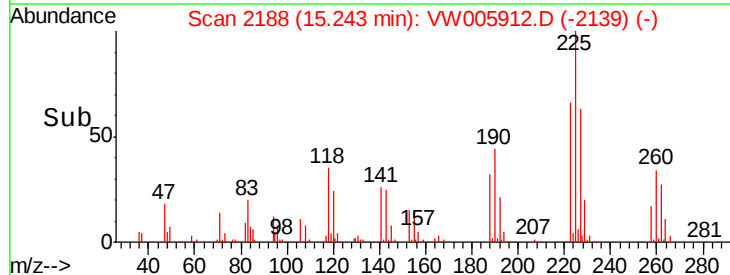
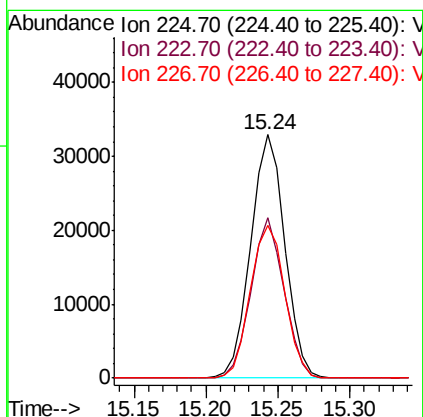
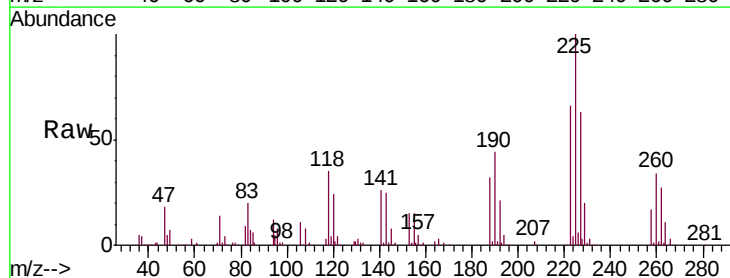
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS02

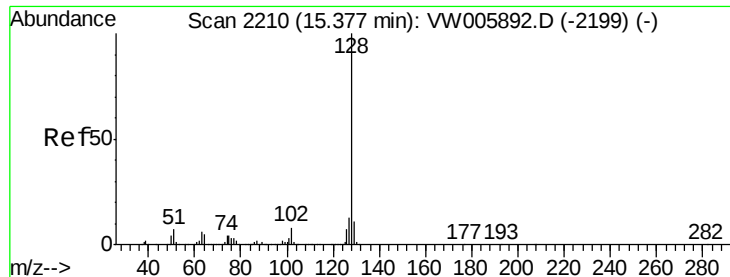
Tgt Ion:180 Resp: 88752
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.8 143.3
 145 28.6 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: 18.495 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW005912.D
 Acq: 09 Oct 2018 00:36

Tgt Ion:225 Resp: 53727
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.2 93.6
 227 63.6 31.9 95.9





#95

Naphthalene

Concen: 19.520 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS02

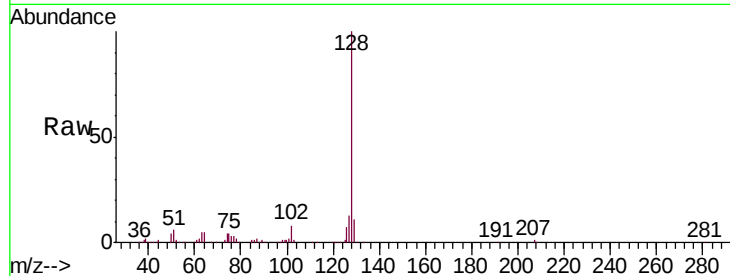
Tgt Ion:128 Resp: 156592

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

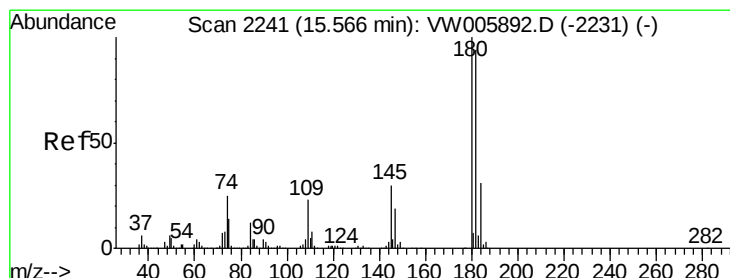
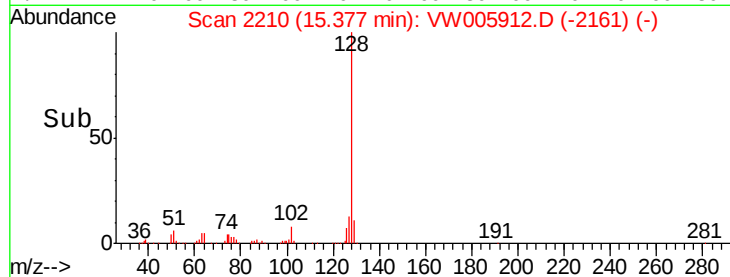
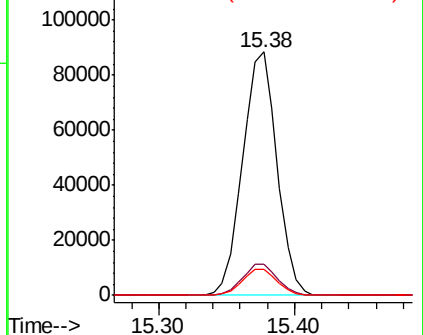
129 11.0 8.9 13.3



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: 19.336 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. 0.00 min

Lab File: VW005912.D

Acq: 09 Oct 2018 00:36

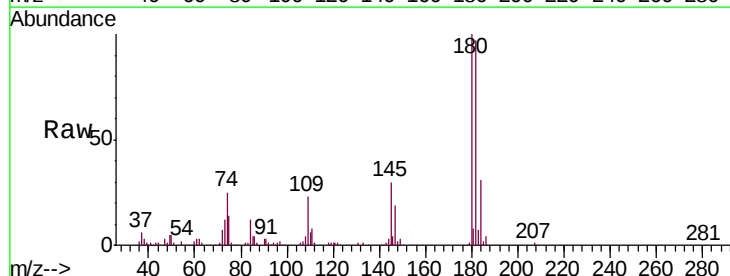
Tgt Ion:180 Resp: 77920

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.8

145 30.4 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

