

Data File : VW005897.D
Acq On : 08 Oct 2018 15:59
Operator : SY/AP
Sample : VW1008SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD01

Quant Time: Oct 09 06:07:33 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	306169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	446466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	407794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	225108	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	143765	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
35) Dibromofluoromethane	7.88	113	141986	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	10.32	98	555894	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
62) 4-Bromofluorobenzene	12.62	95	207679	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.01	85	29013	19.337	ug/l	100
3) Chloromethane	2.21	50	32696	18.527	ug/l	96
4) Vinyl Chloride	2.37	62	54344	19.396	ug/l	98
5) Bromomethane	2.78	94	45038	20.368	ug/l	99
6) Chloroethane	2.93	64	35519	19.898	ug/l	98
7) Trichlorofluoromethane	3.25	101	43934	19.754	ug/l	98
8) Diethyl Ether	3.68	74	26347	19.249	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	52631	18.752	ug/l	99
10) Methyl Iodide	4.26	142	83605	18.214	ug/l	100
11) Tert butyl alcohol	5.21	59	19559	89.791	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	49314	18.297	ug/l	97
13) Acrolein	3.89	56	18867	97.195	ug/l	92
14) Allyl chloride	4.66	41	81117	17.649	ug/l	99
15) Acrylonitrile	5.38	53	55846	93.753	ug/l	99
16) Acetone	4.14	43	60097	101.228	ug/l	96
17) Carbon Disulfide	4.37	76	140355	17.225	ug/l	97
18) Methyl Acetate	4.68	43	26857	17.927	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	79199	18.888	ug/l	97
20) Methylene Chloride	4.92	84	56734	19.074	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	54984	18.717	ug/l	99
22) Diisopropyl ether	6.31	45	159326	18.543	ug/l	99
23) Vinyl Acetate	6.26	43	493806	93.377	ug/l	99
24) 1,1-Dichloroethane	6.21	63	96362	18.327	ug/l	99
25) 2-Butanone	7.18	43	82491	97.691	ug/l	98
26) 2,2-Dichloropropane	7.17	77	70899	19.159	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	62814	18.908	ug/l	98
28) Bromochloromethane	7.51	49	38257	19.712	ug/l	99
29) Tetrahydrofuran	7.54	42	48420	90.711	ug/l	99
30) Chloroform	7.68	83	101073	18.714	ug/l	97
31) Cyclohexane	7.96	56	92808	17.836	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	91398	19.003	ug/l	99
36) 1,1-Dichloropropene	8.09	75	79262	18.528	ug/l	100
37) Ethyl Acetate	7.26	43	34168	18.860	ug/l	98
38) Carbon Tetrachloride	8.07	117	85659	18.637	ug/l	98

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	105787	18.748	ug/l	99
40) Benzene	8.32	78	219385	18.737	ug/l	99
41) Methacrylonitrile	7.49	41	19230	16.955	ug/l	93
42) 1,2-Dichloroethane	8.40	62	64508	18.236	ug/l	98
43) Isopropyl Acetate	8.43	43	70166	18.541	ug/l	99
44) Trichloroethene	9.09	130	65633	19.320	ug/l	100
45) 1,2-Dichloropropane	9.37	63	54815	18.703	ug/l	95
46) Dibromomethane	9.46	93	30593	18.992	ug/l	99
47) Bromodichloromethane	9.65	83	75865	18.716	ug/l	98
48) Methyl methacrylate	9.44	41	33511	18.589	ug/l	99
49) 1,4-Dioxane	9.47	88	9709	396.813	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	177611	96.380	ug/l	99
52) Toluene	10.39	92	146262	19.015	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	79033	18.657	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	89321	18.758	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	42536	19.065	ug/l	99
56) Ethyl methacrylate	10.65	69	56592	18.820	ug/l	98
57) 1,3-Dichloropropane	10.93	76	70842	18.874	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	121303	99.140	ug/l	99
59) 2-Hexanone	10.97	43	129285	97.844	ug/l	99
60) Dibromochloromethane	11.13	129	54321	18.867	ug/l	100
61) 1,2-Dibromoethane	11.24	107	42940	19.260	ug/l	98
64) Tetrachloroethene	10.87	164	57945	19.075	ug/l	99
65) Chlorobenzene	11.66	112	168992	19.346	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	61837	19.314	ug/l	99
67) Ethyl Benzene	11.74	91	295574	19.157	ug/l	99
68) m/p-Xylenes	11.84	106	230863	38.289	ug/l	99
69) o-Xylene	12.17	106	110107	19.075	ug/l	99
70) Styrene	12.18	104	182663	19.072	ug/l	99
71) Bromoform	12.35	173	36333	19.051	ug/l #	98
73) Isopropylbenzene	12.47	105	309788	18.844	ug/l	100
74) N-amyl acetate	12.27	43	72289	18.515	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	50787	18.848	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	69305	34.466	ug/l #	100
77) Bromobenzene	12.75	156	75048	19.268	ug/l	98
78) n-propylbenzene	12.81	91	364711	18.859	ug/l	100
79) 2-Chlorotoluene	12.90	91	204074	18.693	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	259683	18.710	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	17236	18.096	ug/l	99
82) 4-Chlorotoluene	12.99	91	215825	18.790	ug/l	99
83) tert-Butylbenzene	13.21	119	234274	18.977	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	266793	19.056	ug/l	100
85) sec-Butylbenzene	13.39	105	332403	19.183	ug/l	100
86) p-Isopropyltoluene	13.51	119	297682	19.103	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	149046	19.261	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	147062	19.125	ug/l	99
89) n-Butylbenzene	13.83	91	281230	19.146	ug/l	99
90) Hexachloroethane	14.10	117	54176	18.485	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	133691	19.460	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9327	18.573	ug/l	99

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

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ClientSampleId :
VW1008SBSD01

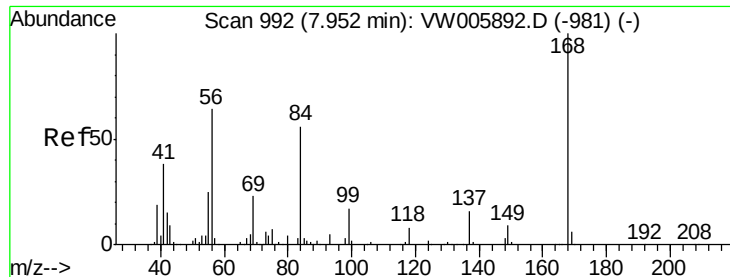
Quant Time: Oct 09 06:07:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	104145	19.551	ug/l	99
94) Hexachlorobutadiene	15.24	225	63906	19.220	ug/l	99
95) Naphthalene	15.38	128	179134	19.510	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	89155	19.329	ug/l	98

(#) = 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: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

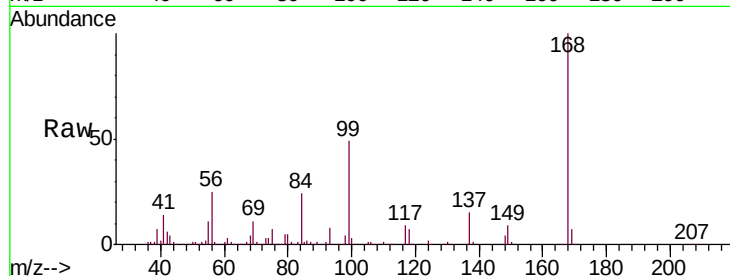
VW1008SBSD01

Tgt Ion:168 Resp: 306169

Ion Ratio Lower Upper

168 100

99 48.9 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

150000

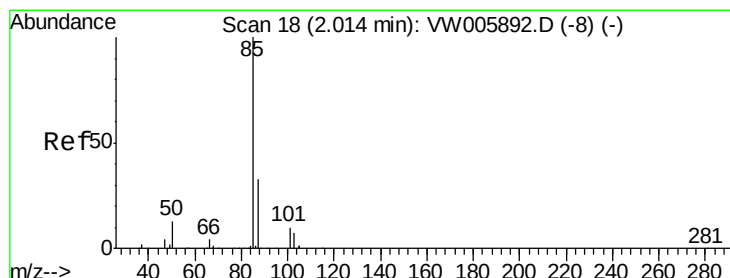
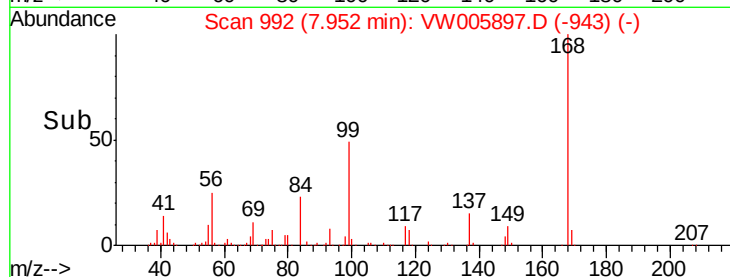
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 19.337 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW005897.D

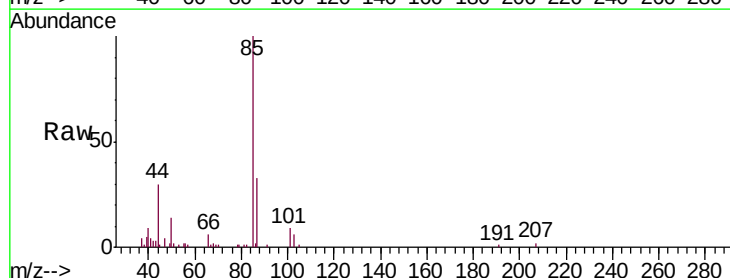
Acq: 08 Oct 2018 15:59

Tgt Ion: 85 Resp: 29013

Ion Ratio Lower Upper

85 100

87 33.3 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

8000

6000

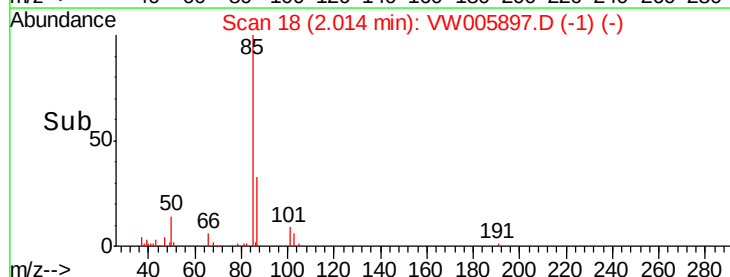
4000

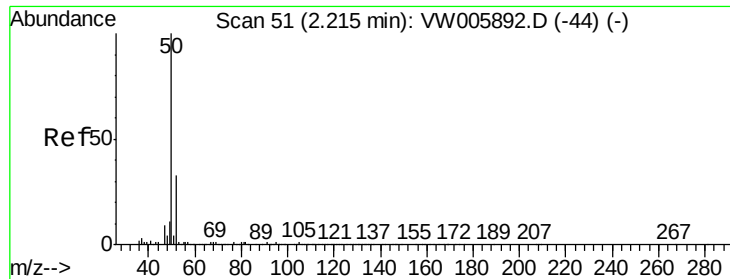
2000

0

1.90 2.00 2.10 2.20

Time-->

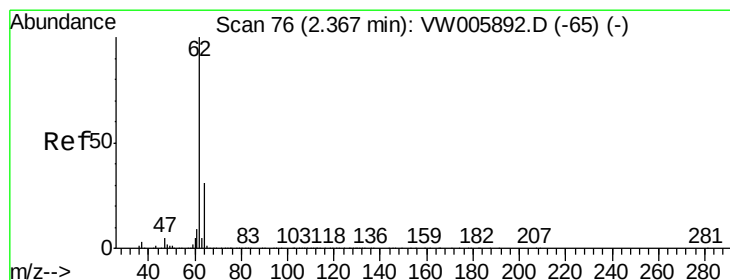
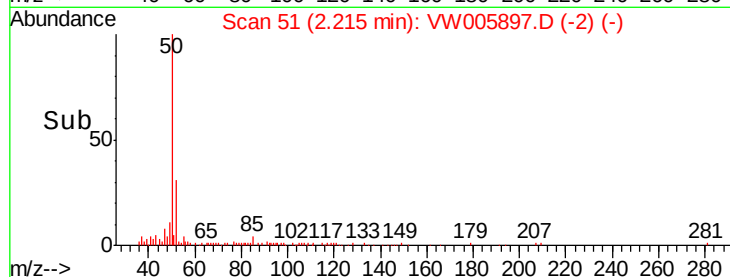
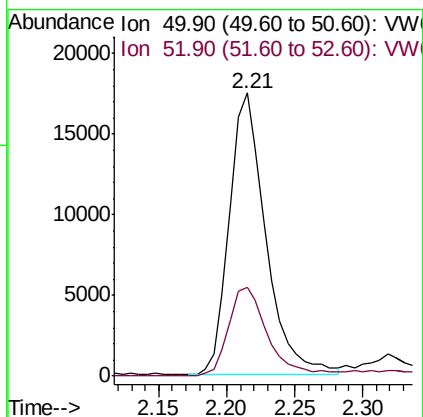
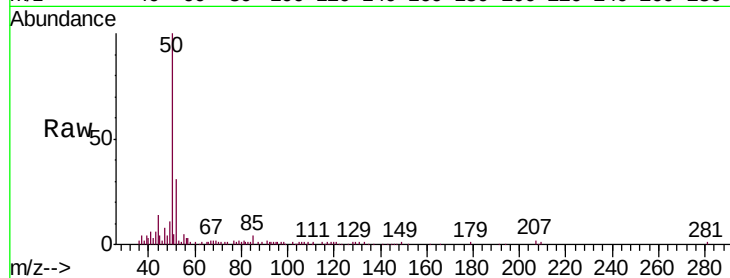




#3
Chloromethane
Concen: 18.527 ug/l
RT: 2.21 min Scan# 51
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

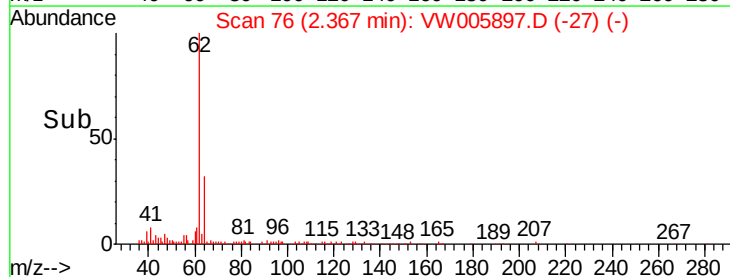
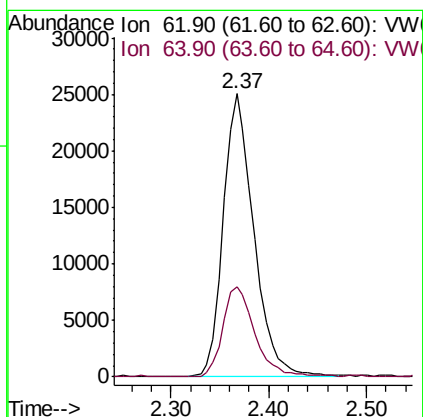
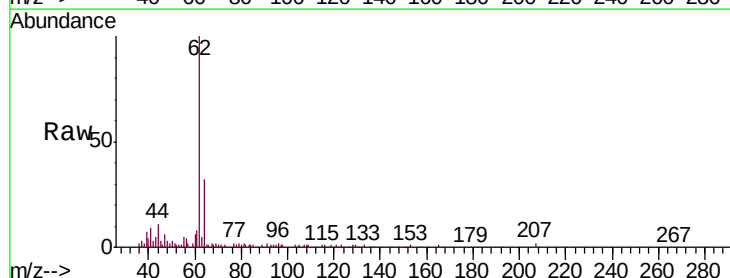
Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD01

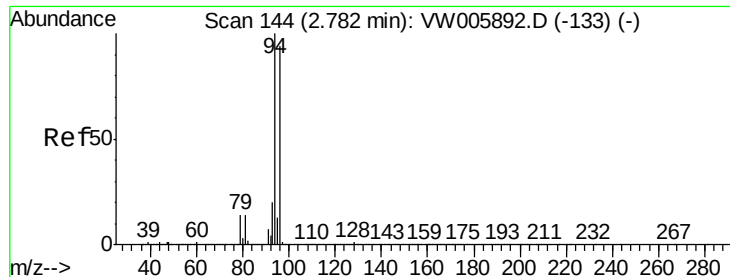
Tgt Ion: 50 Resp: 32696
Ion Ratio Lower Upper
50 100
52 31.3 26.7 40.1



#4
Vinyl Chloride
Concen: 19.396 ug/l
RT: 2.37 min Scan# 76
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Tgt Ion: 62 Resp: 54344
Ion Ratio Lower Upper
62 100
64 31.9 24.6 36.8





#5

Bromomethane

Concen: 20.368 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

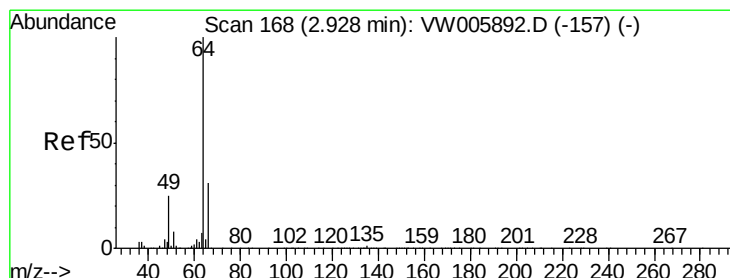
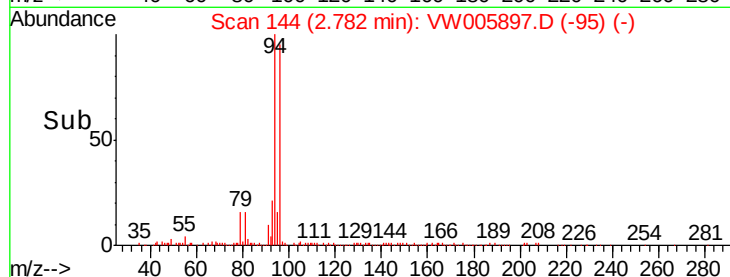
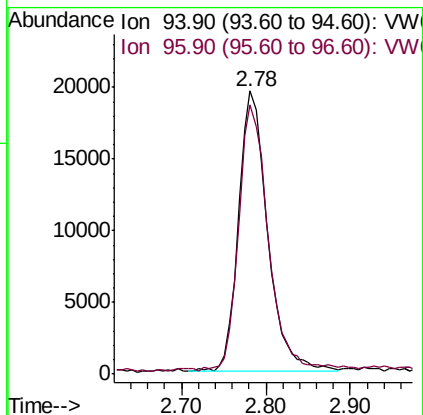
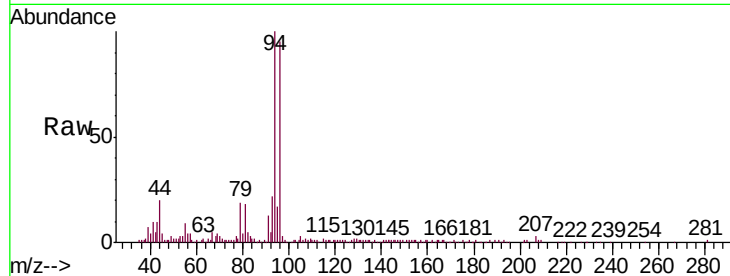
VW1008SBSD01

Tgt Ion: 94 Resp: 45038

Ion Ratio Lower Upper

94 100

96 94.7 75.0 112.4



#6

Chloroethane

Concen: 19.898 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW005897.D

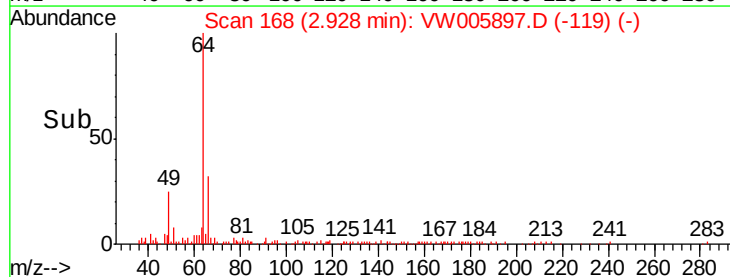
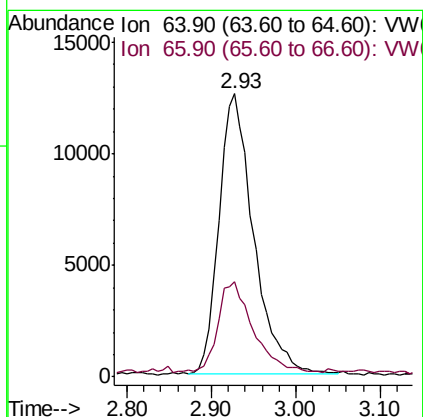
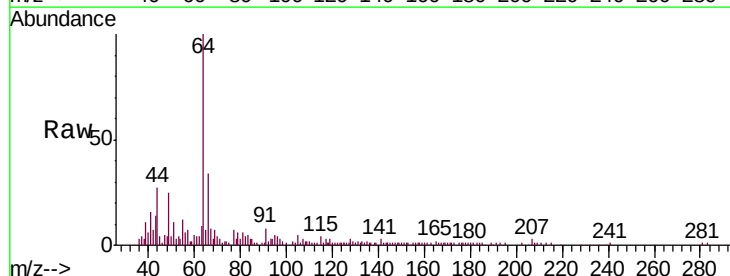
Acq: 08 Oct 2018 15:59

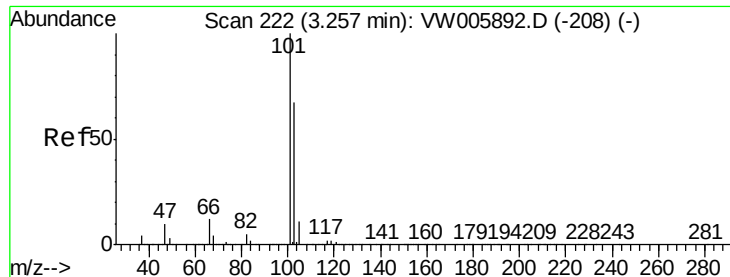
Tgt Ion: 64 Resp: 35519

Ion Ratio Lower Upper

64 100

66 32.1 25.0 37.4



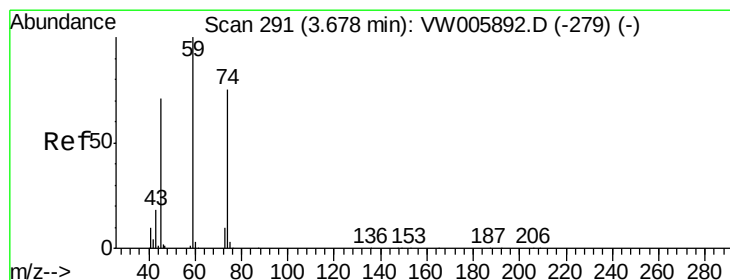
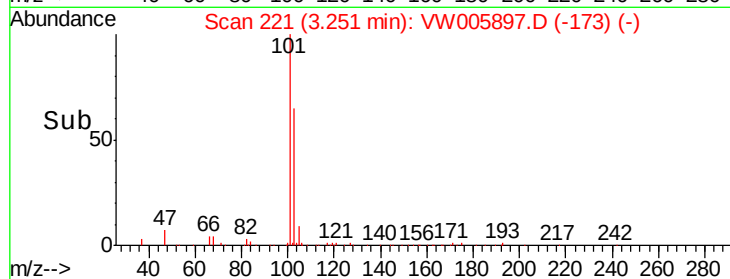
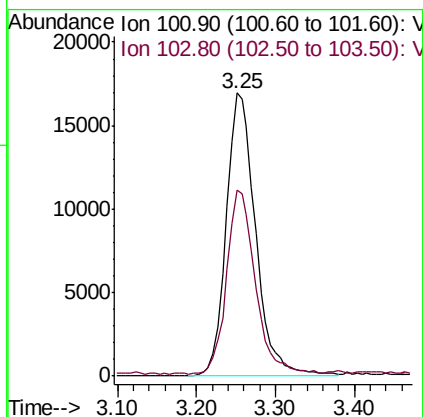
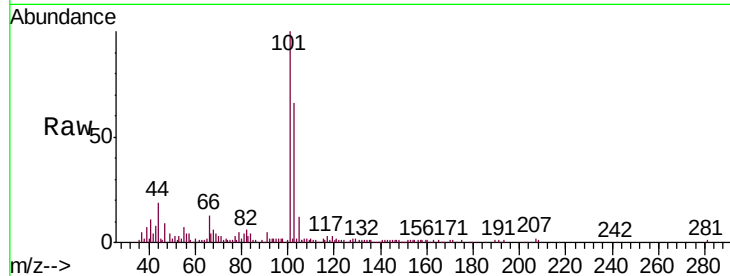


#7

Trichlorofluoromethane
 Concen: 19.754 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
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 VW1008SBSD01

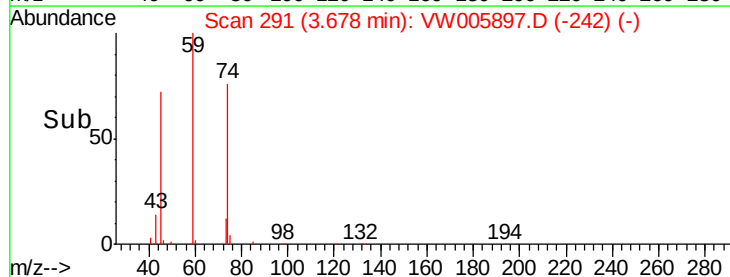
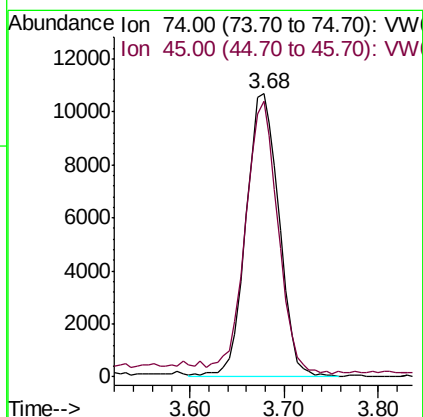
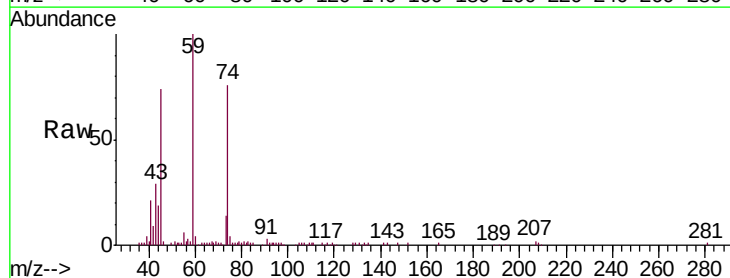
Tgt Ion: 101 Resp: 43934
 Ion Ratio Lower Upper
 101 100
 103 65.1 53.5 80.3

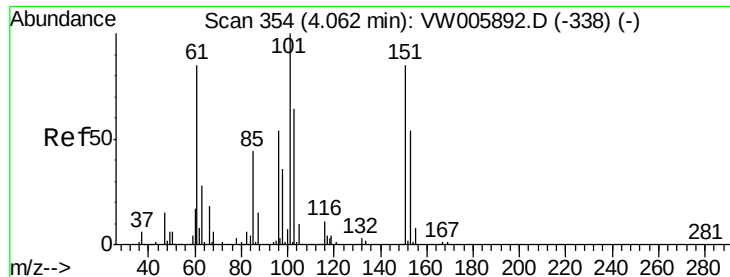


#8

Diethyl Ether
 Concen: 19.249 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Tgt Ion: 74 Resp: 26347
 Ion Ratio Lower Upper
 74 100
 45 94.5 46.8 140.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.752 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD01

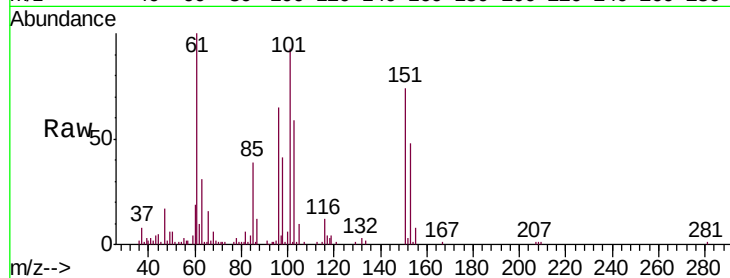
Tgt Ion:101 Resp: 52631

Ion Ratio Lower Upper

101 100

85 45.2 35.1 52.7

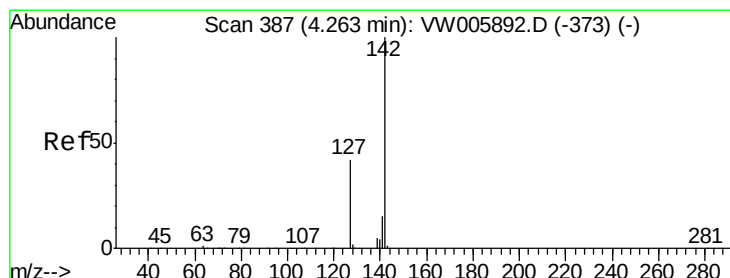
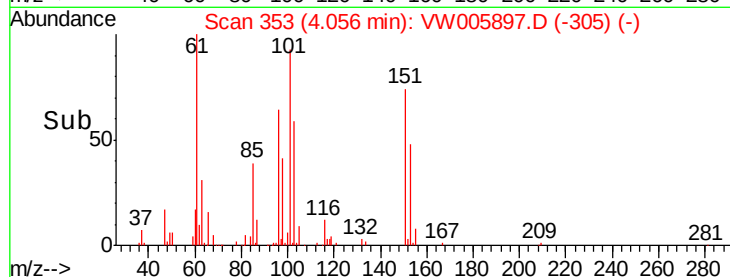
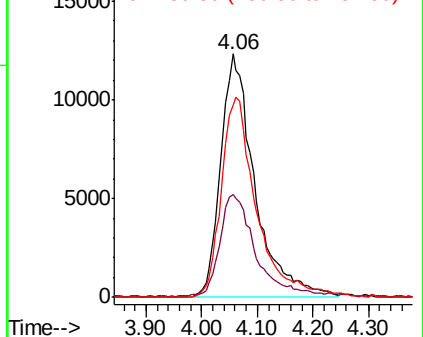
151 84.6 67.7 101.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.214 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW005897.D

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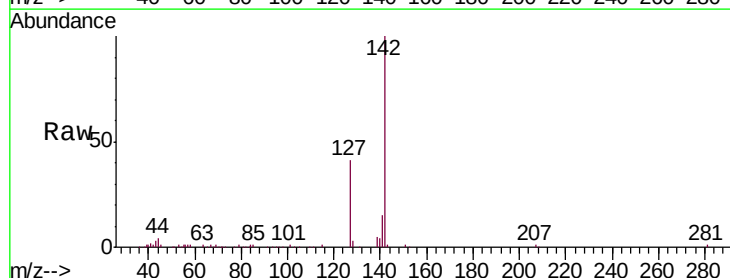
Tgt Ion:142 Resp: 83605

Ion Ratio Lower Upper

142 100

127 42.2 33.7 50.5

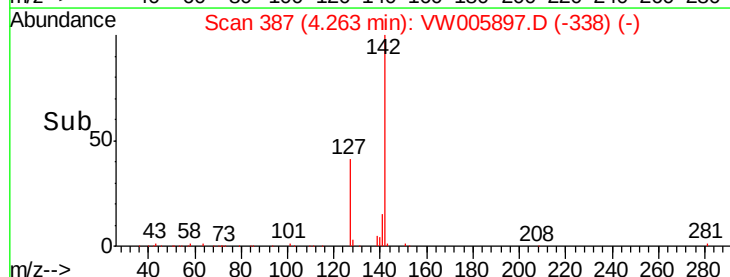
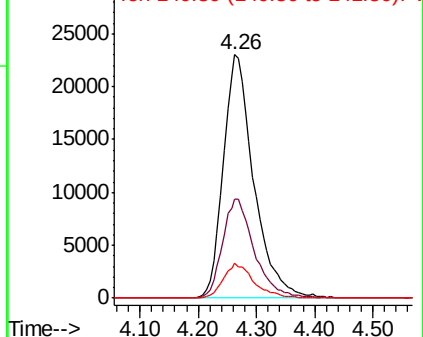
141 14.5 11.5 17.3

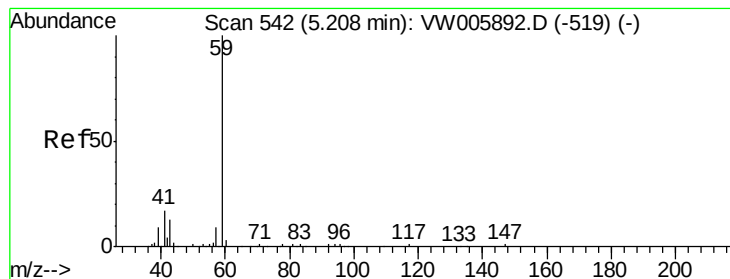


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



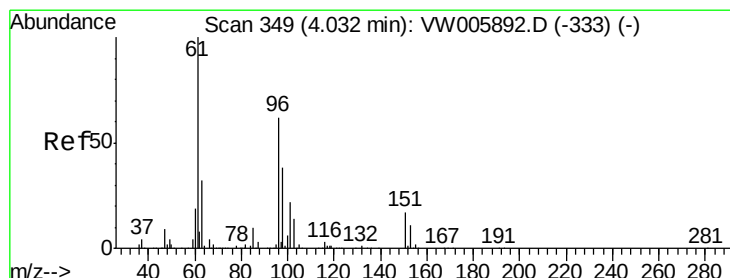
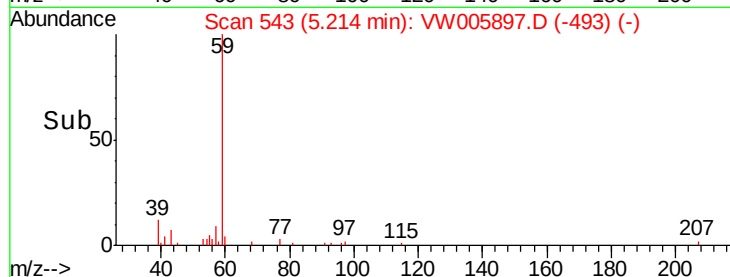
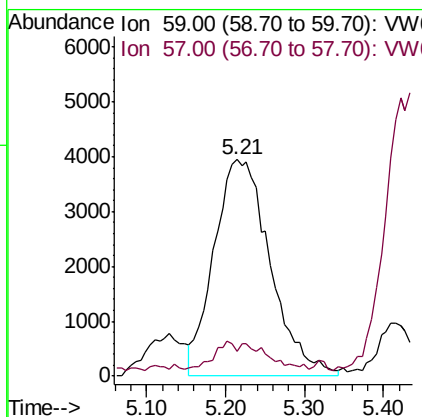
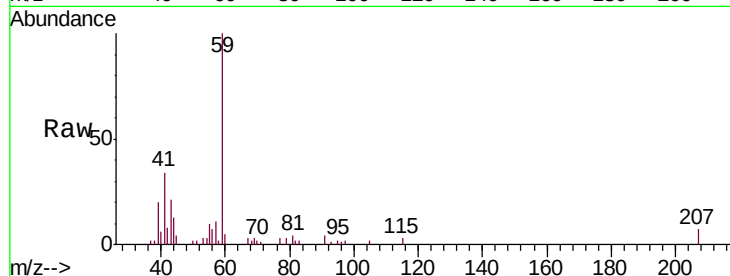


#11

Tert butyl alcohol
 Concen: 89.791 ug/l
 RT: 5.21 min Scan# 543
 Delta R.T. 0.01 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBSD01

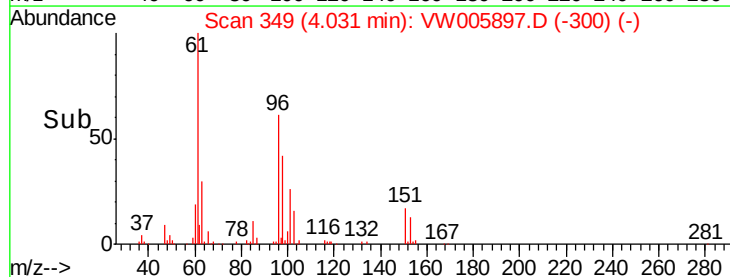
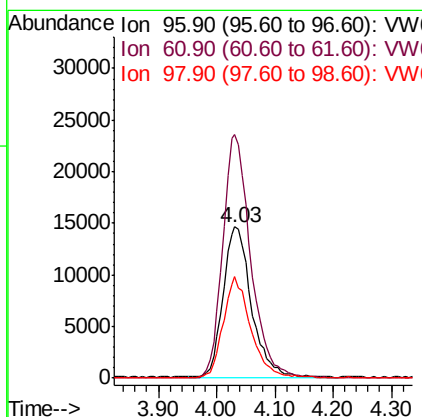
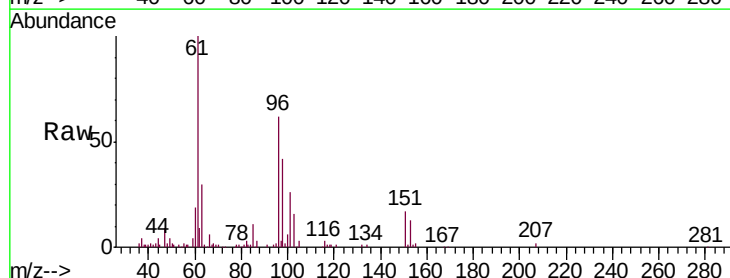
Tgt Ion: 59 Resp: 19559
 Ion Ratio Lower Upper
 59 100
 57 4.9 7.7 11.5#

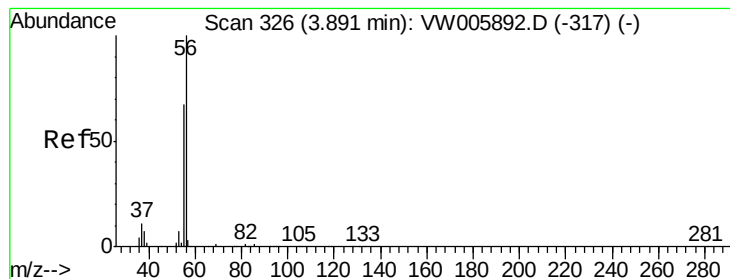


#12

1,1-Dichloroethene
 Concen: 18.297 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Tgt Ion: 96 Resp: 49314
 Ion Ratio Lower Upper
 96 100
 61 161.9 128.6 193.0
 98 67.3 49.4 74.0





#13

Acrolein

Concen: 97.195 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

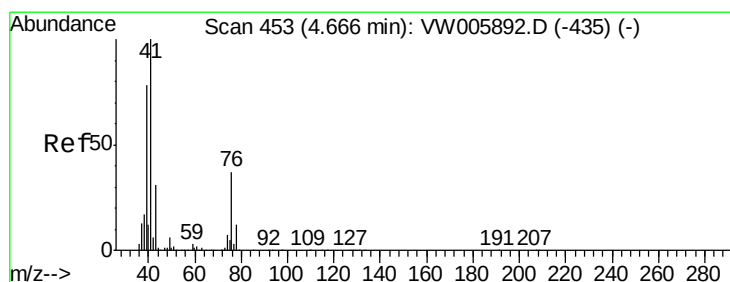
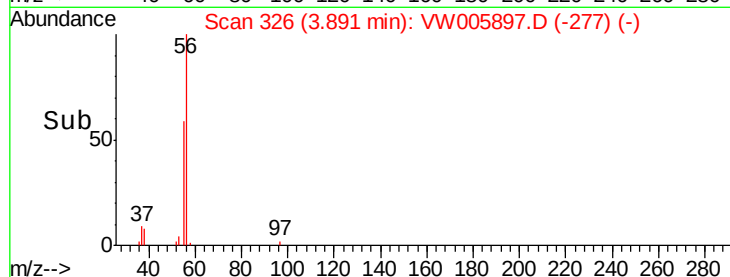
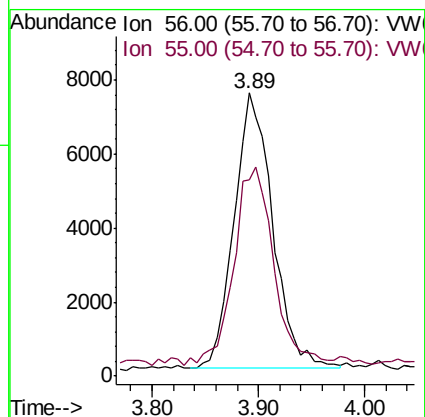
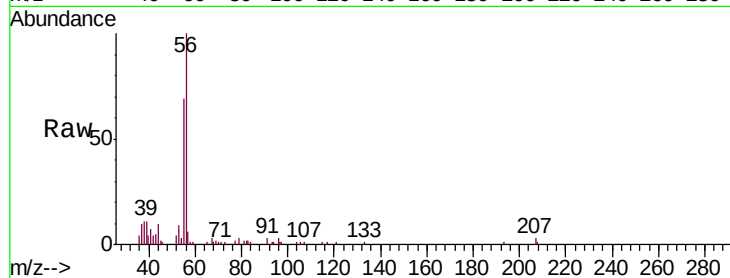
VW1008SBSD01

Tgt Ion: 56 Resp: 18867

Ion Ratio Lower Upper

56 100

55 74.9 54.6 82.0



#14

Allyl chloride

Concen: 17.649 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

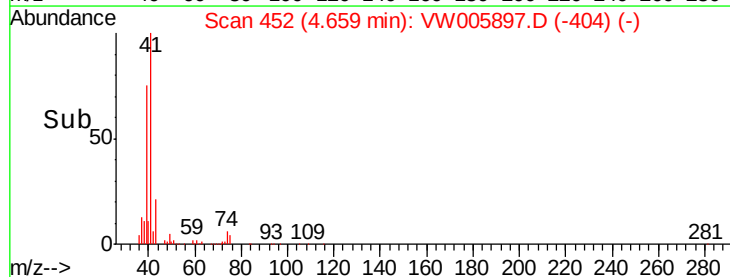
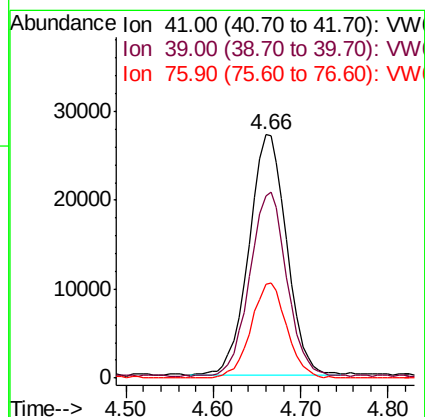
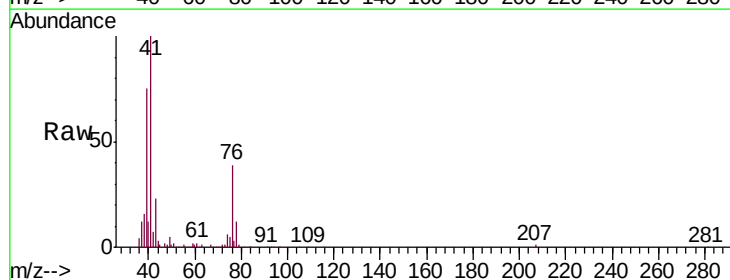
Tgt Ion: 41 Resp: 81117

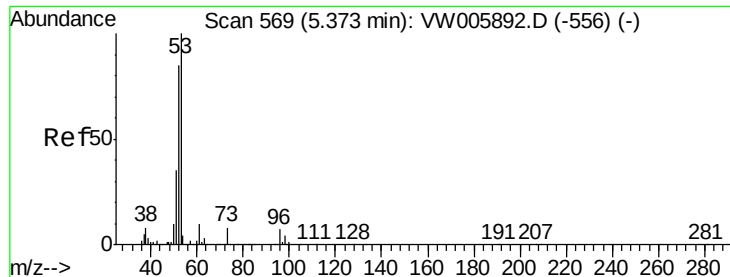
Ion Ratio Lower Upper

41 100

39 75.7 60.8 91.2

76 37.7 29.6 44.4





#15

Acrylonitrile

Concen: 93.753 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD01

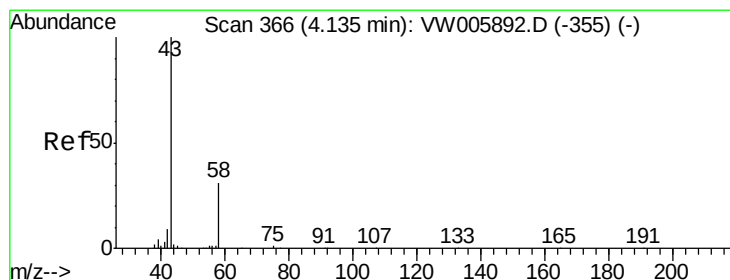
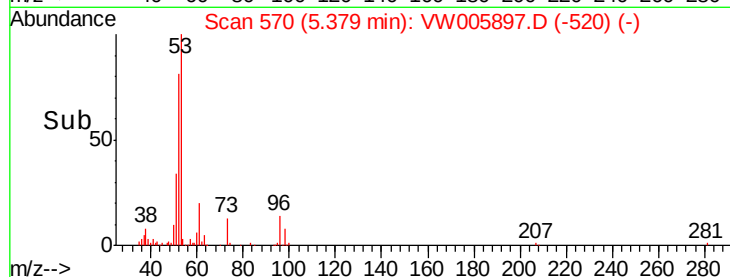
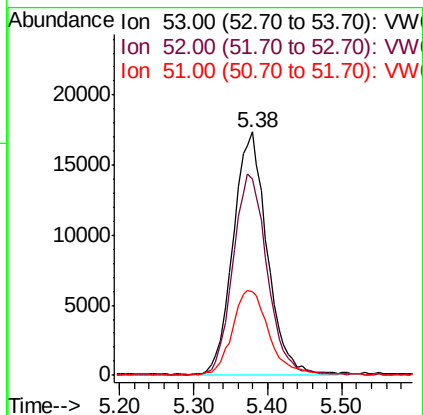
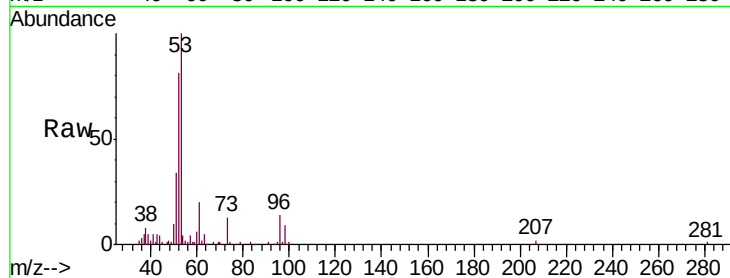
Tgt Ion: 53 Resp: 55846

Ion Ratio Lower Upper

53 100

52 83.3 66.8 100.2

51 36.5 29.8 44.6



#16

Acetone

Concen: 101.228 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005897.D

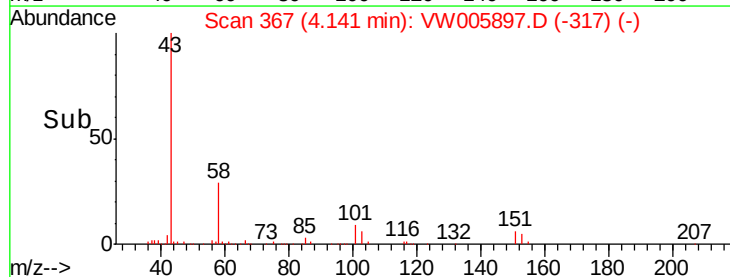
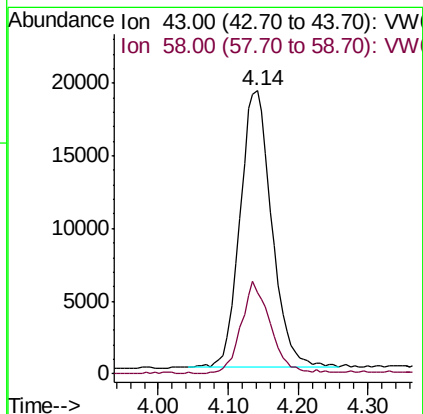
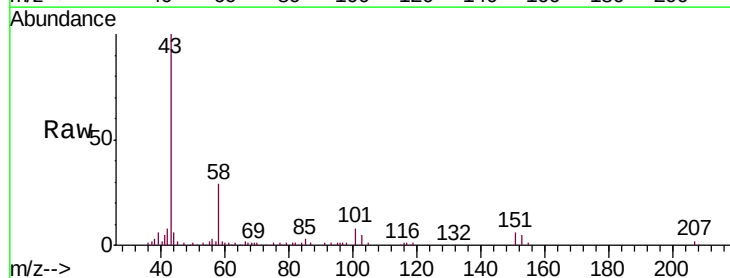
Acq: 08 Oct 2018 15:59

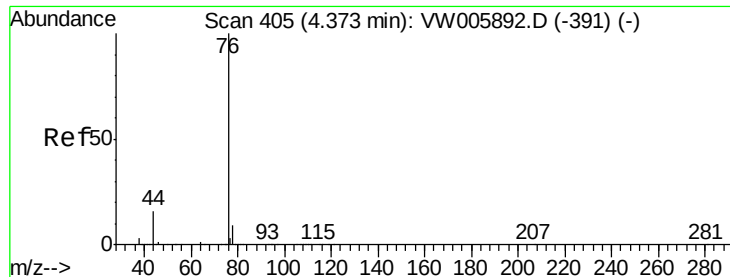
Tgt Ion: 43 Resp: 60097

Ion Ratio Lower Upper

43 100

58 28.9 24.7 37.1





#17

Carbon Disulfide

Concen: 17.225 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

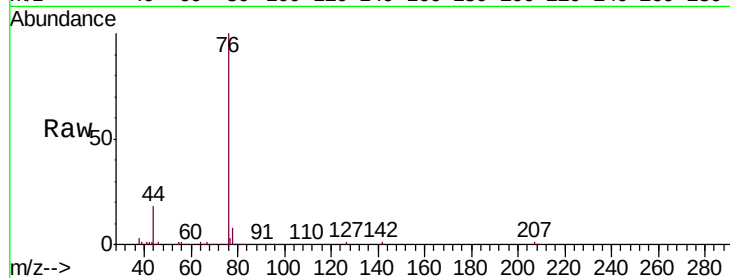
VW1008SBSD01

Tgt Ion: 76 Resp: 140355

Ion Ratio Lower Upper

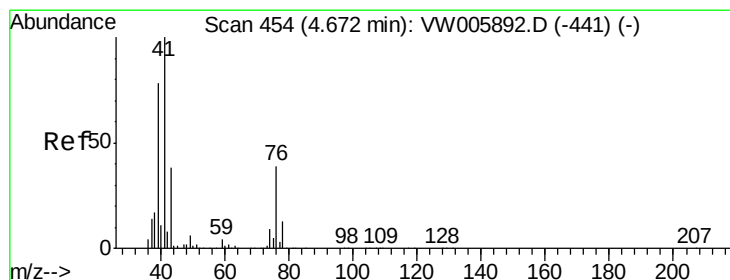
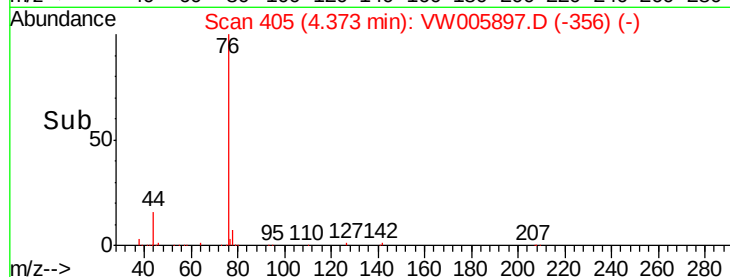
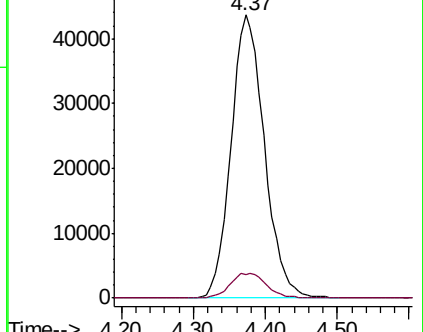
76 100

78 8.3 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 17.927 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW005897.D

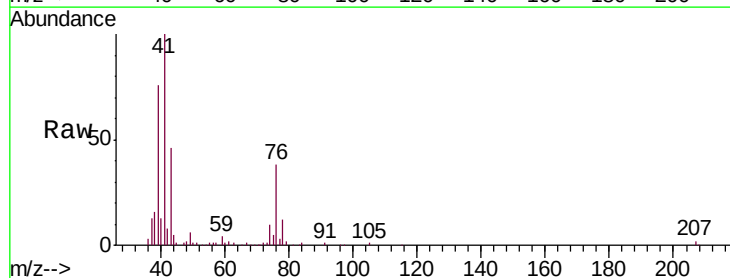
Acq: 08 Oct 2018 15:59

Tgt Ion: 43 Resp: 26857

Ion Ratio Lower Upper

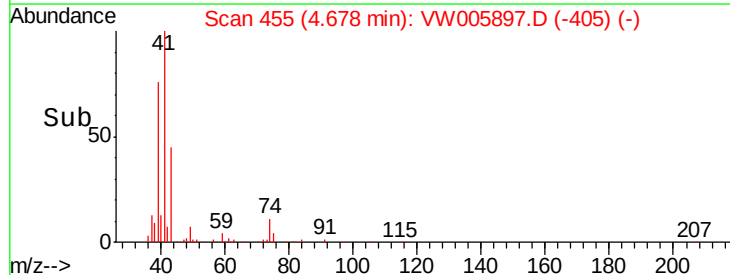
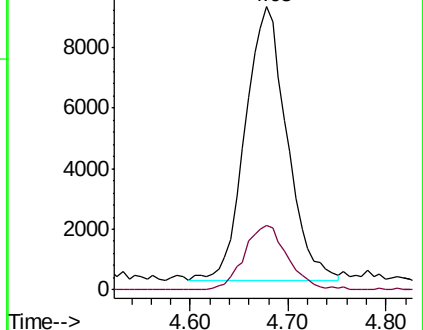
43 100

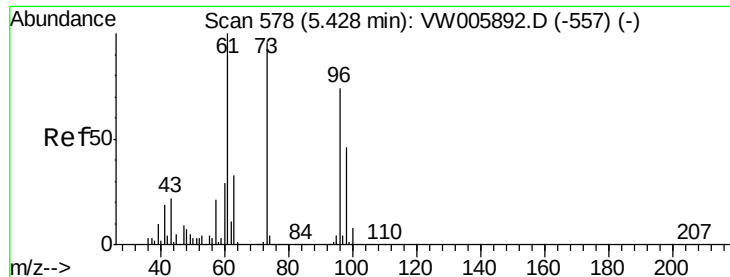
74 24.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

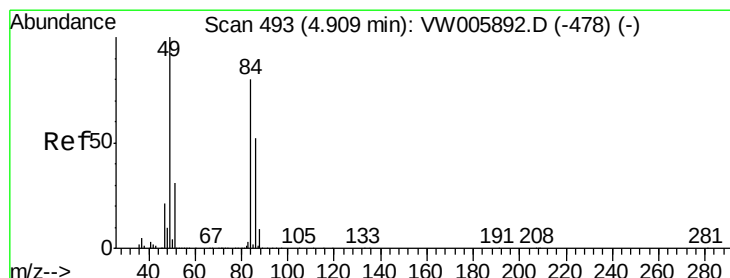
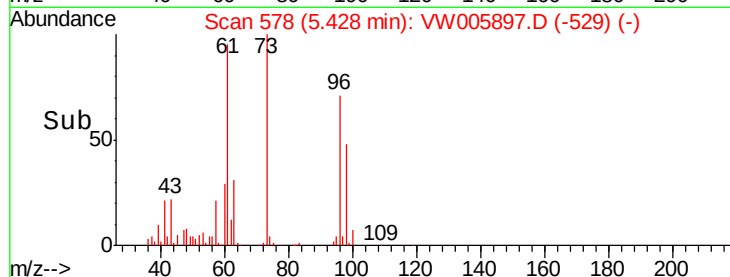
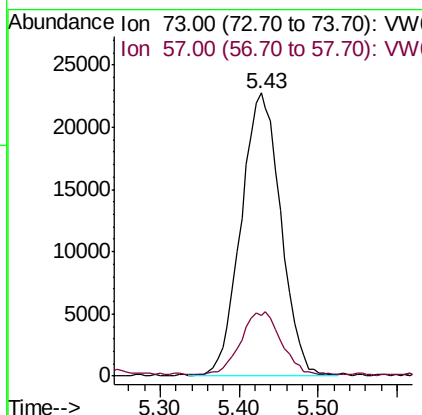
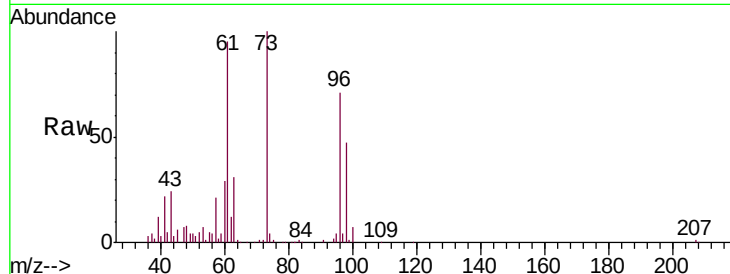




#19
Methyl tert-butyl Ether
Concen: 18.888 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

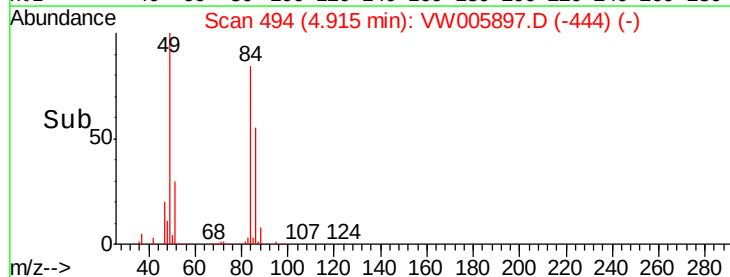
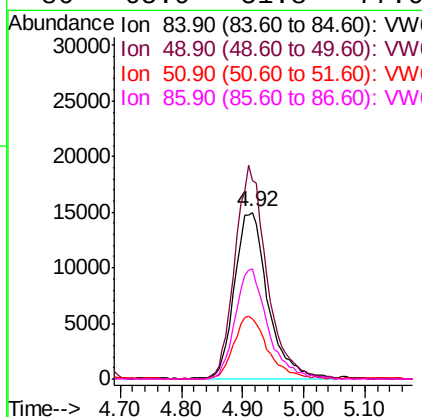
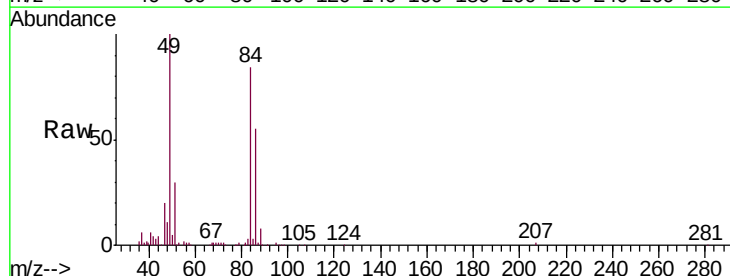
Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD01

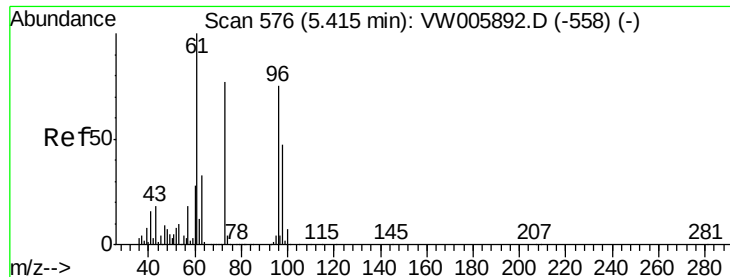
Tgt Ion: 73 Resp: 79199
Ion Ratio Lower Upper
73 100
57 20.9 17.7 26.5



#20
Methylene Chloride
Concen: 19.074 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Tgt Ion: 84 Resp: 56734
Ion Ratio Lower Upper
84 100
49 119.3 99.9 149.9
51 35.9 31.1 46.7
86 65.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.717 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD01

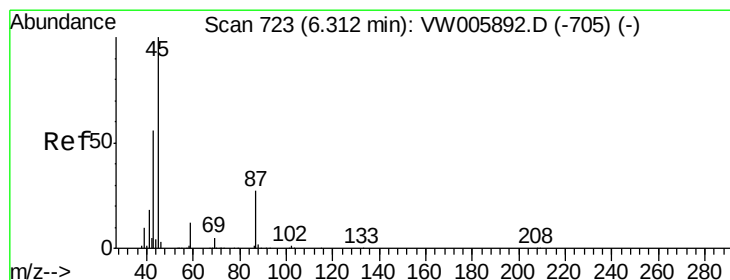
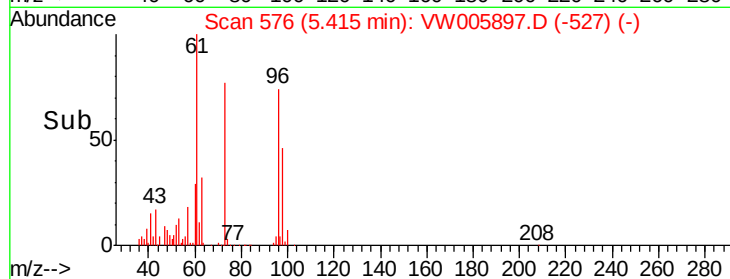
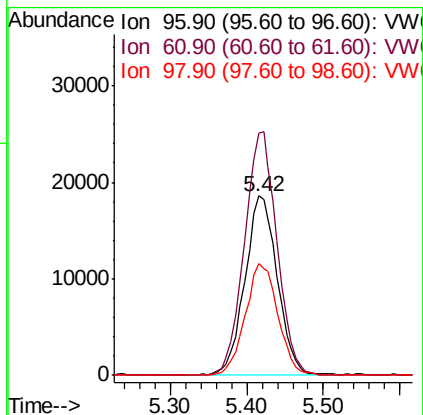
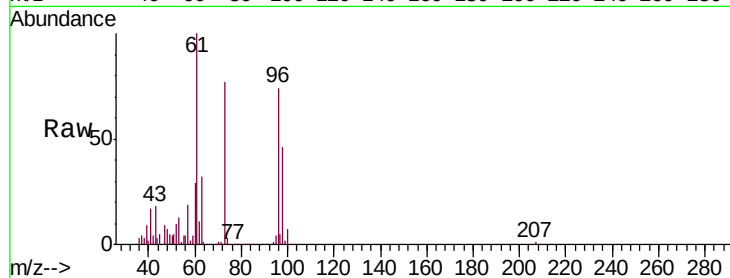
Tgt Ion: 96 Resp: 54984

Ion Ratio Lower Upper

96 100

61 135.4 107.4 161.0

98 62.1 50.8 76.2



#22

Diisopropyl ether

Concen: 18.543 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Tgt Ion: 45 Resp: 159326

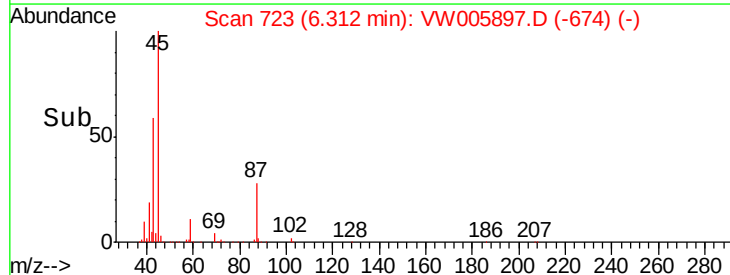
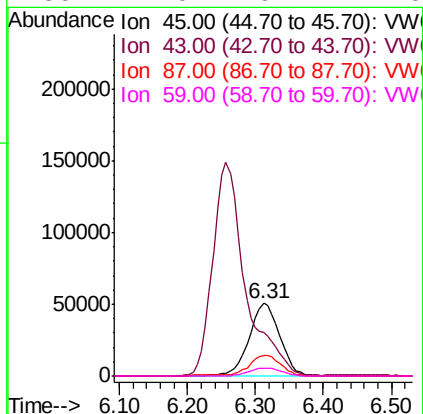
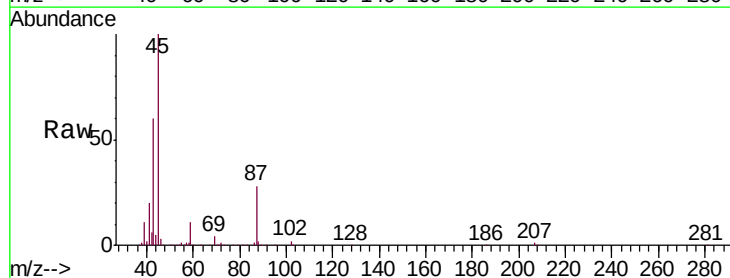
Ion Ratio Lower Upper

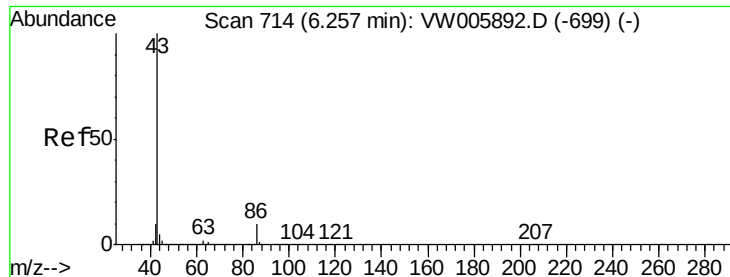
45 100

43 58.6 45.9 68.9

87 27.5 22.2 33.4

59 11.0 9.4 14.0





#23

Vinyl Acetate

Concen: 93.377 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

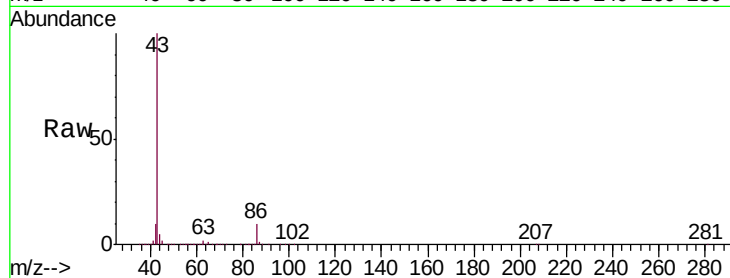
VW1008SBSD01

Tgt Ion: 43 Resp: 493806

Ion Ratio Lower Upper

43 100

86 10.5 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

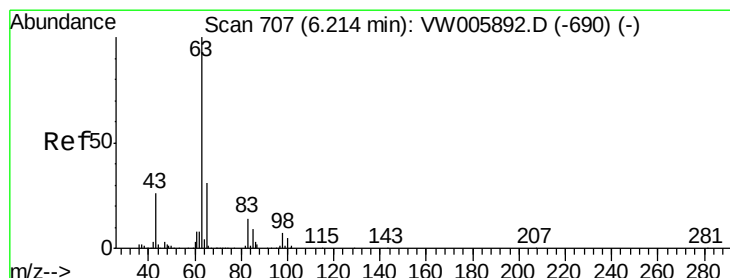
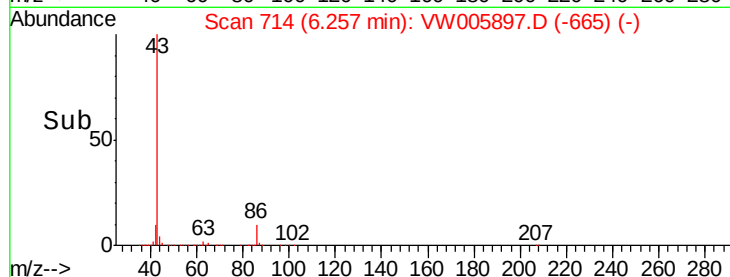
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.327 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

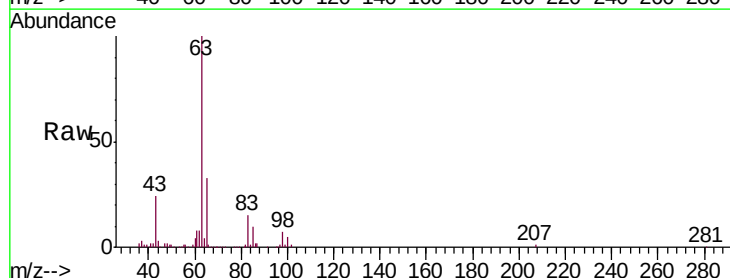
Tgt Ion: 63 Resp: 96362

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.6

100 4.6 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

40000

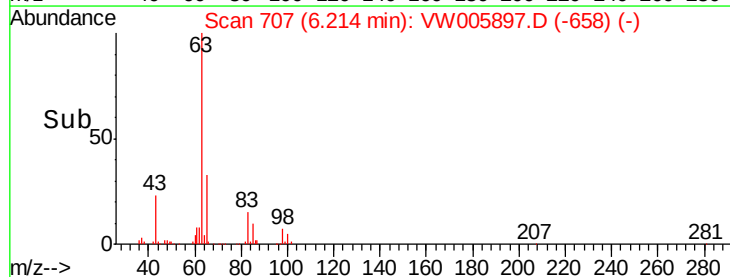
30000

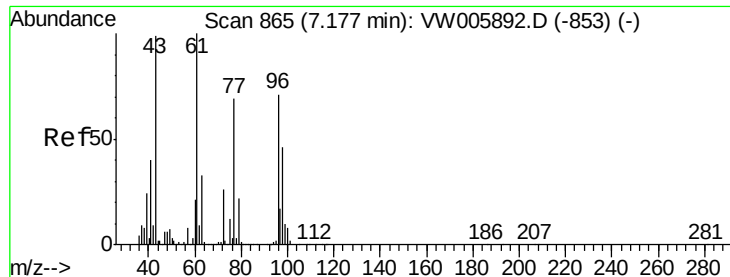
20000

10000

0

Time-->





#25

2-Butanone

Concen: 97.691 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

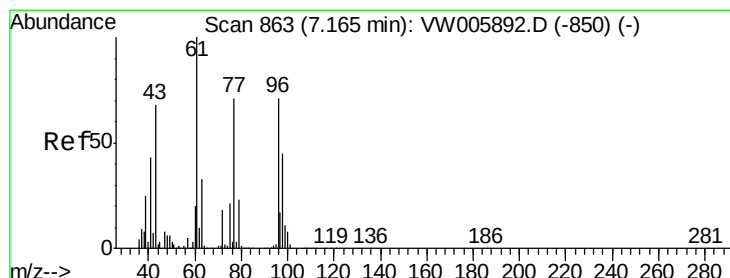
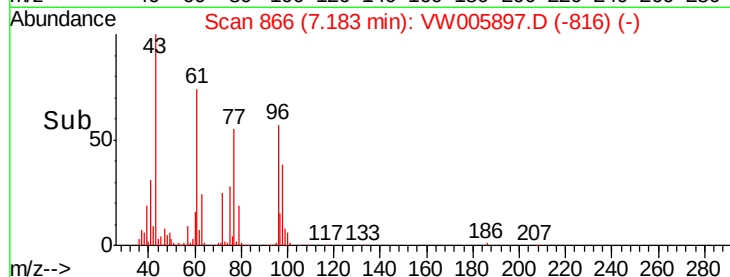
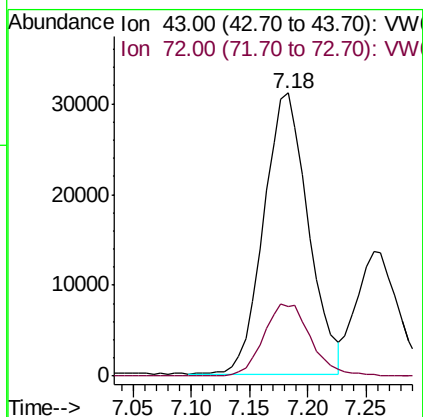
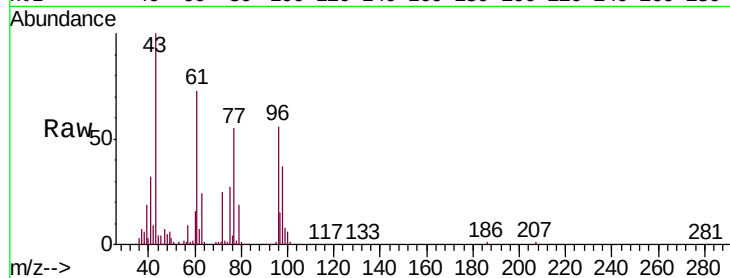
VW1008SBSD01

Tgt Ion: 43 Resp: 82491

Ion Ratio Lower Upper

43 100

72 25.0 21.0 31.4



#26

2,2-Dichloropropane

Concen: 19.159 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW005897.D

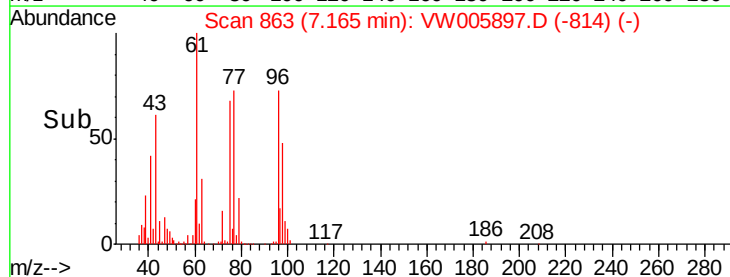
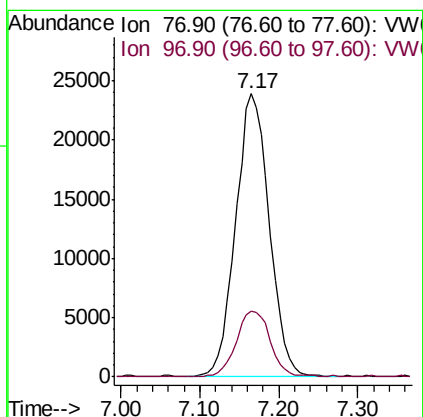
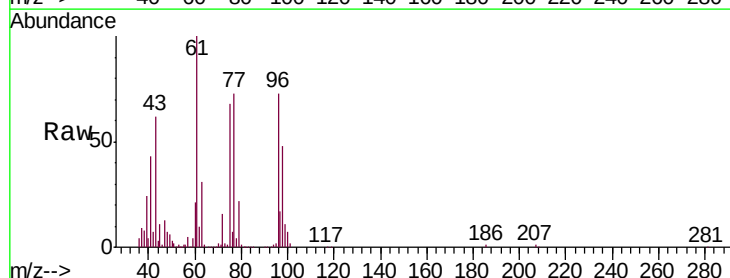
Acq: 08 Oct 2018 15:59

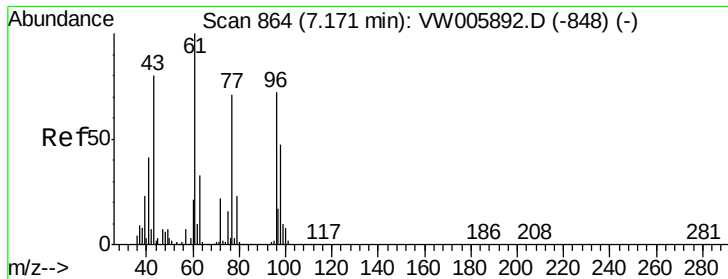
Tgt Ion: 77 Resp: 70899

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.7



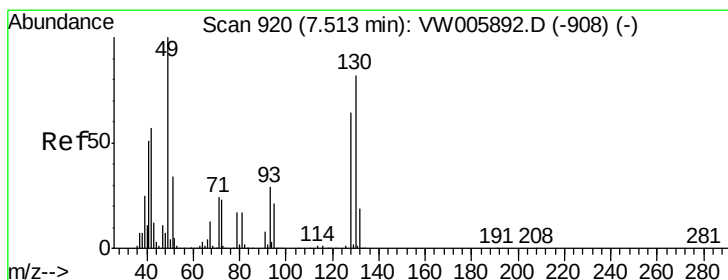
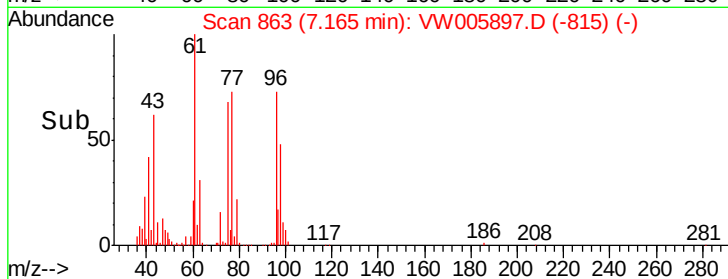
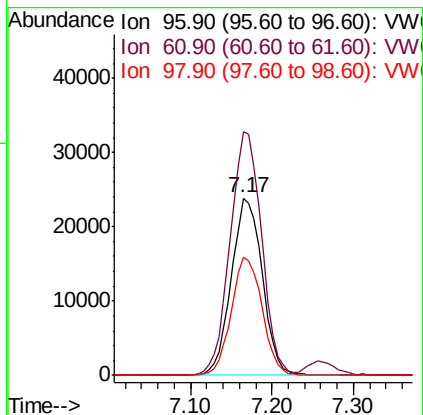
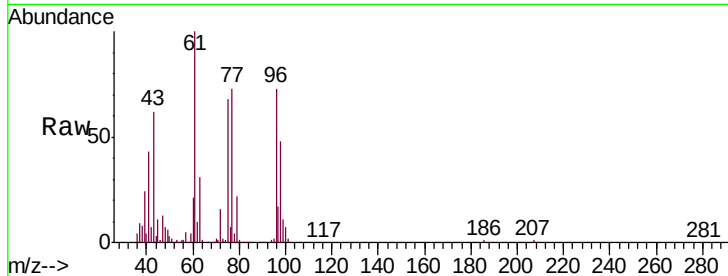


#27

cis-1,2-Dichloroethene
Concen: 18.908 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD01

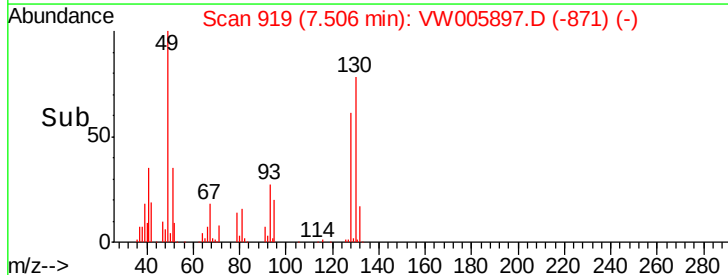
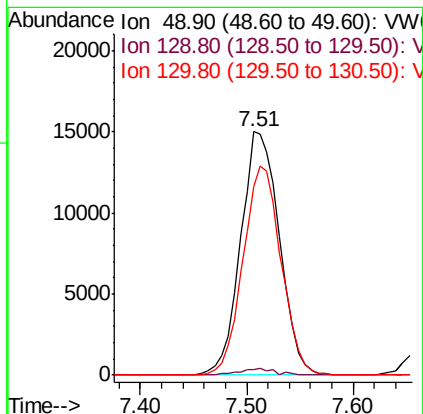
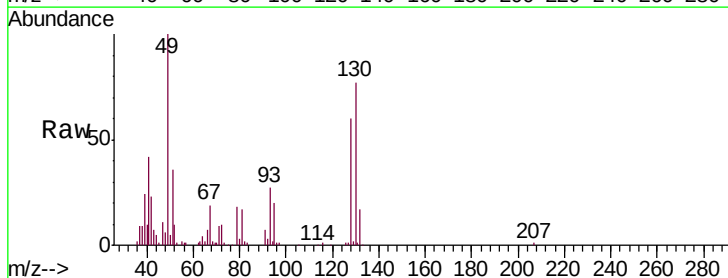
Tgt Ion: 96 Resp: 62814
Ion Ratio Lower Upper
96 100
61 138.8 0.0 284.0
98 66.0 0.0 129.8

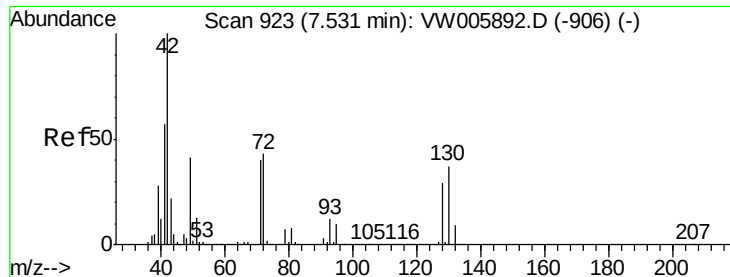


#28

Bromochloromethane
Concen: 19.712 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Tgt Ion: 49 Resp: 38257
Ion Ratio Lower Upper
49 100
129 2.4 0.0 5.0
130 84.4 66.9 100.3





#29

Tetrahydrofuran

Concen: 90.711 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS01

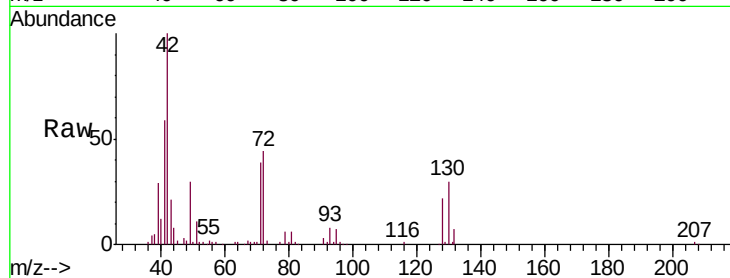
Tgt Ion: 42 Resp: 48420

Ion Ratio Lower Upper

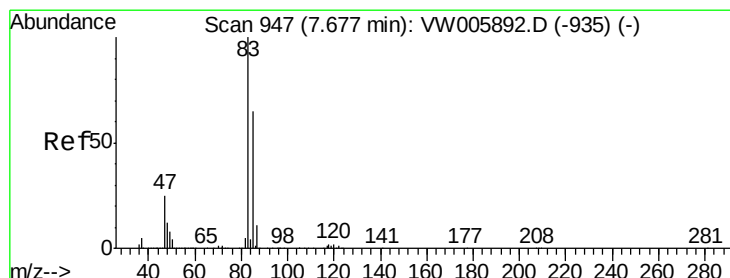
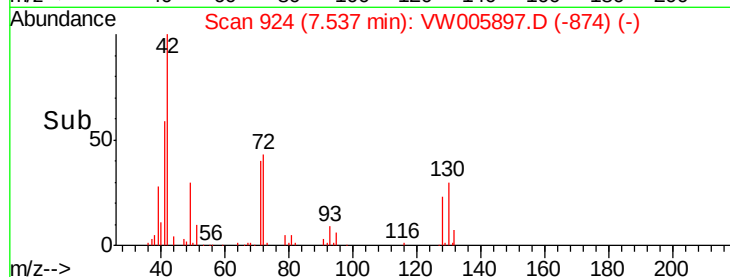
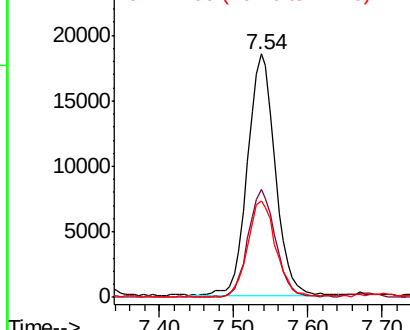
42 100

72 44.2 34.6 51.8

71 41.0 32.6 49.0



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



#30

Chloroform

Concen: 18.714 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW005897.D

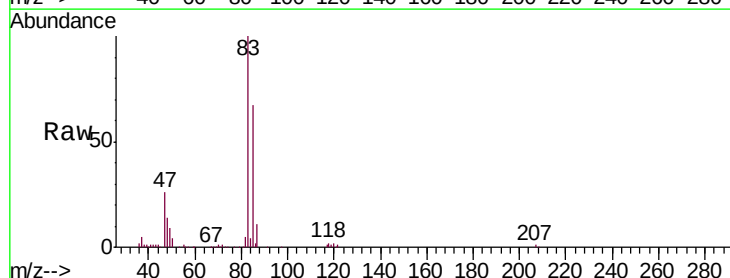
Acq: 08 Oct 2018 15:59

Tgt Ion: 83 Resp: 101073

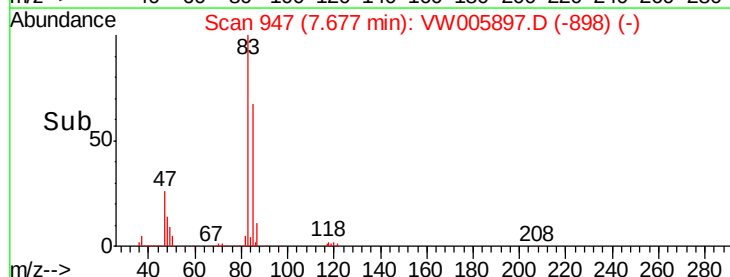
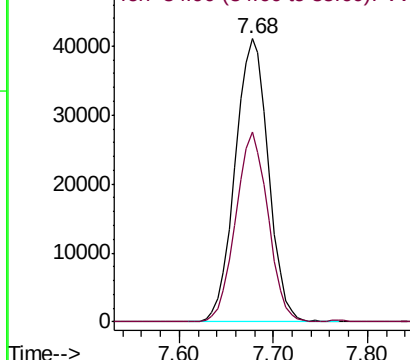
Ion Ratio Lower Upper

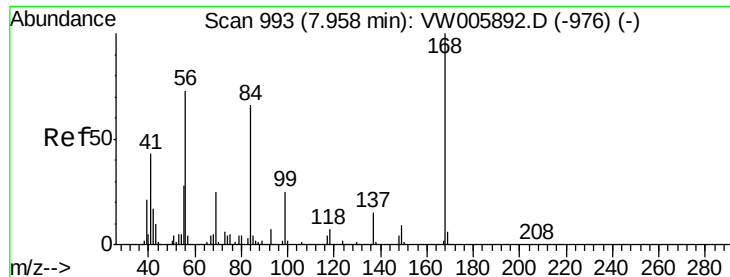
83 100

85 67.0 51.6 77.4



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

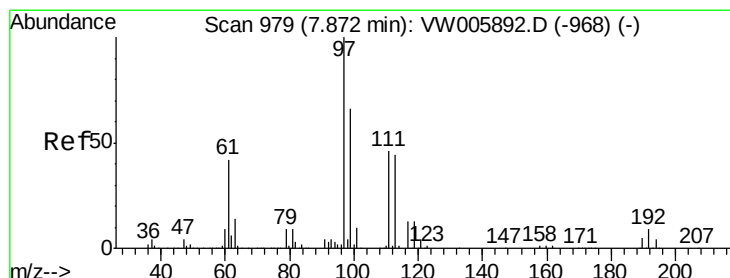
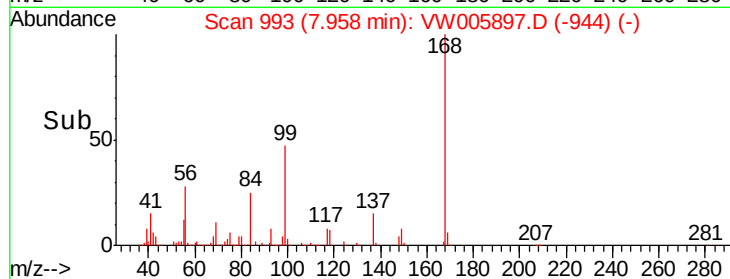
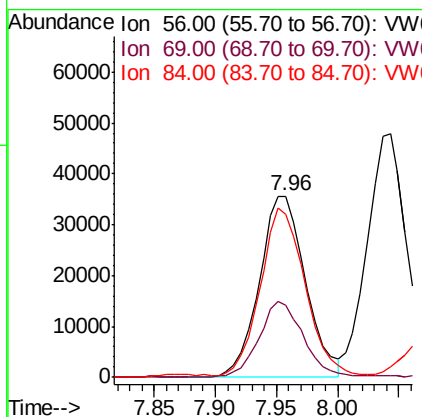
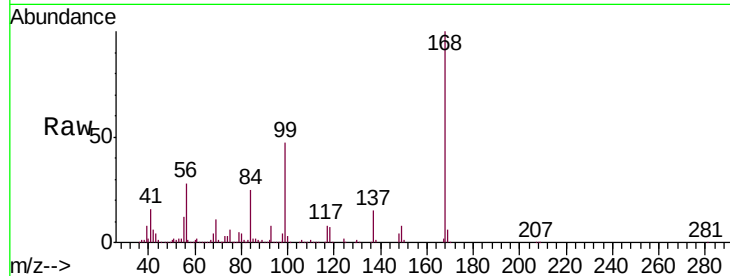




#31
Cyclohexane
Concen: 17.836 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

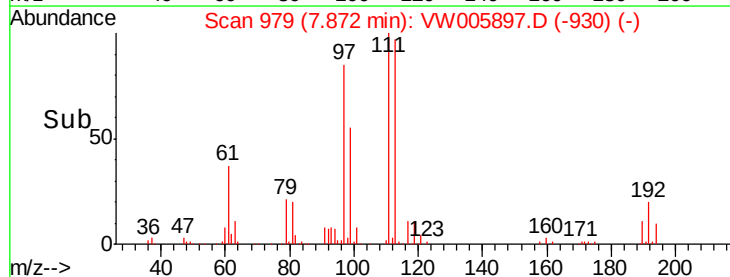
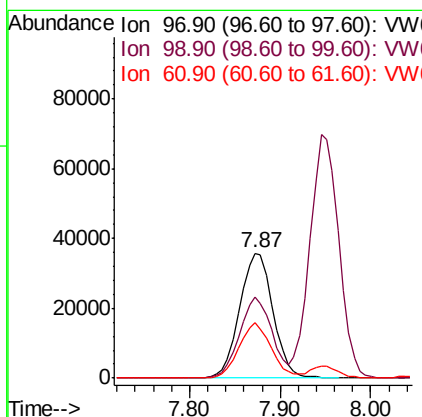
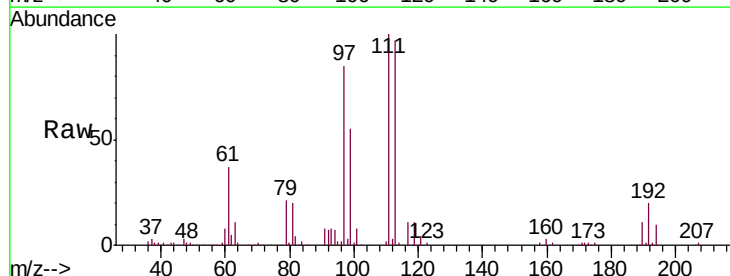
Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD01

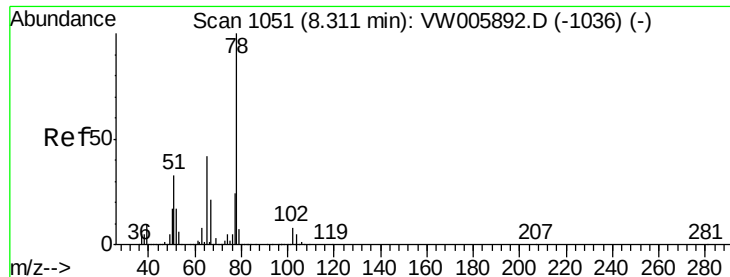
Tgt Ion: 56 Resp: 92808
Ion Ratio Lower Upper
56 100
69 39.8 27.9 41.9
84 88.5 72.3 108.5



#32
1,1,1-Trichloroethane
Concen: 19.003 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Tgt Ion: 97 Resp: 91398
Ion Ratio Lower Upper
97 100
99 63.1 51.6 77.4
61 42.7 34.5 51.7

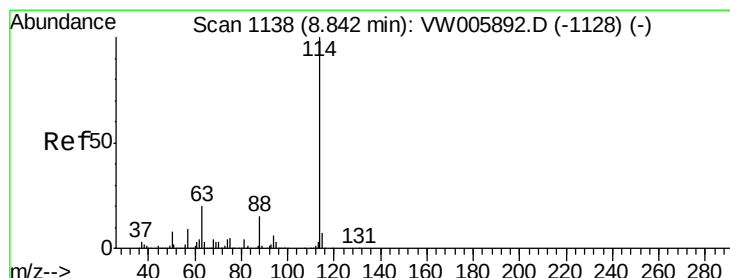
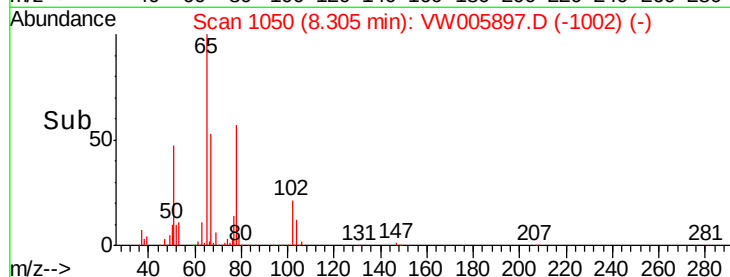
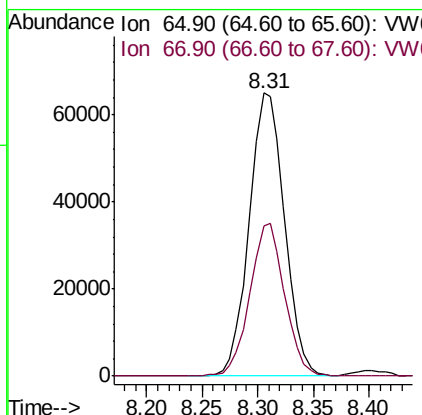
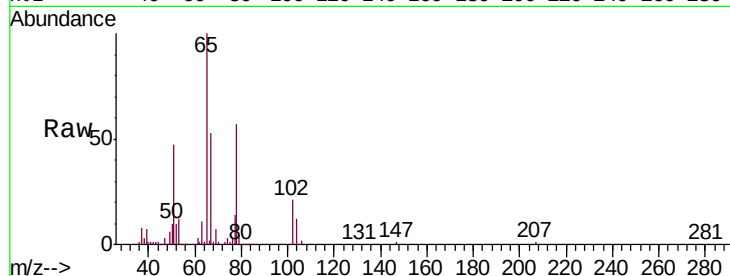




#33
 1,2-Dichloroethane-d4
 Concen: 48.370 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

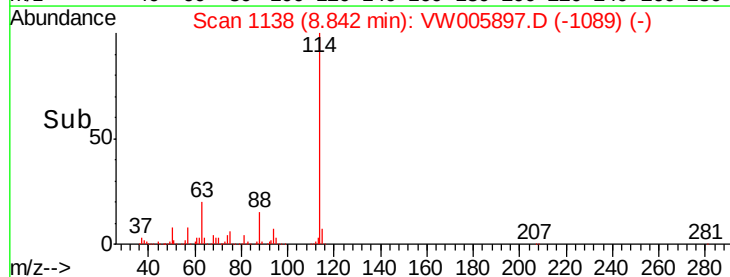
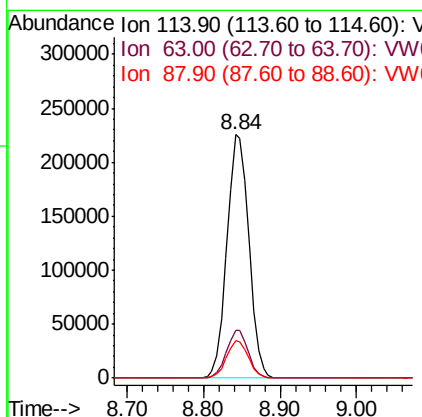
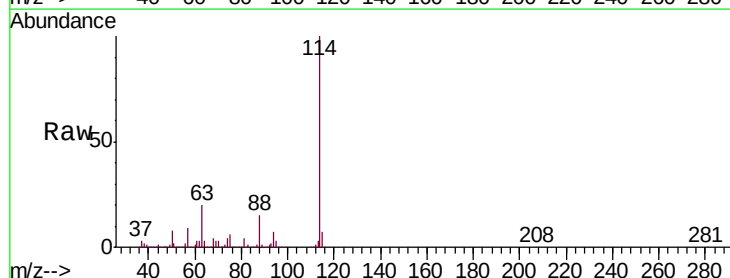
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBSD01

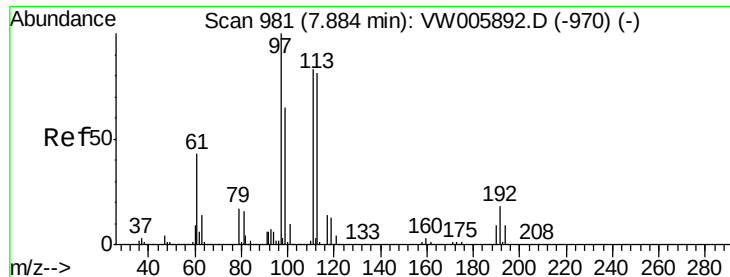
Tgt Ion: 65 Resp: 143765
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Tgt Ion: 114 Resp: 446466
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.2
 88 15.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.811 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD01

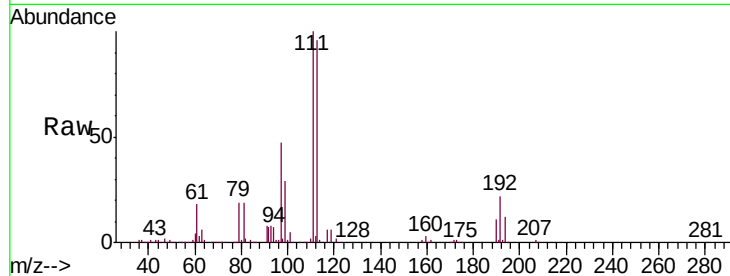
Tgt Ion:113 Resp: 141986

Ion Ratio Lower Upper

113 100

111 101.5 82.0 123.0

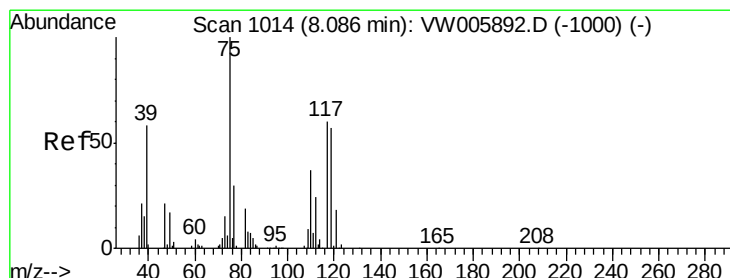
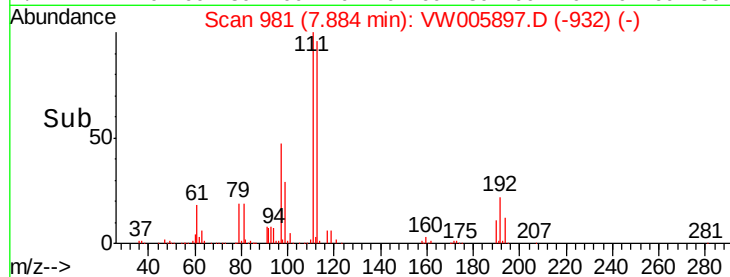
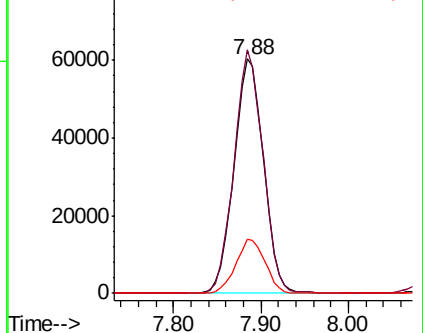
192 22.9 18.3 27.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.528 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

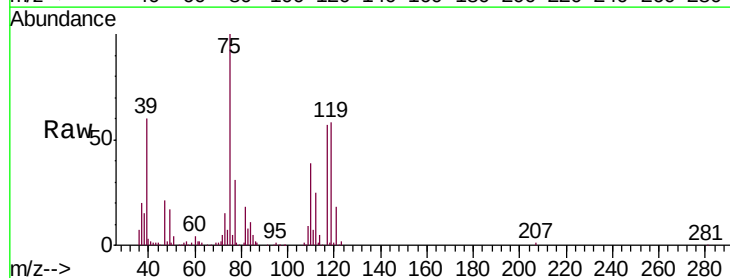
Tgt Ion: 75 Resp: 79262

Ion Ratio Lower Upper

75 100

110 37.2 18.6 56.0

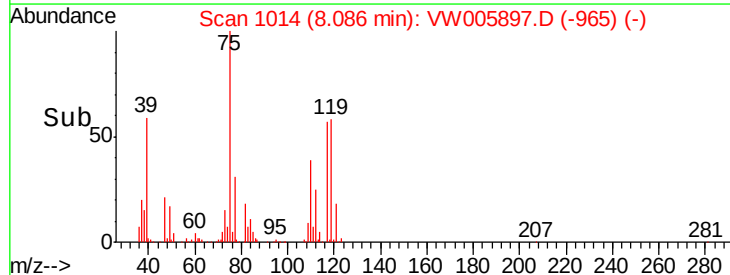
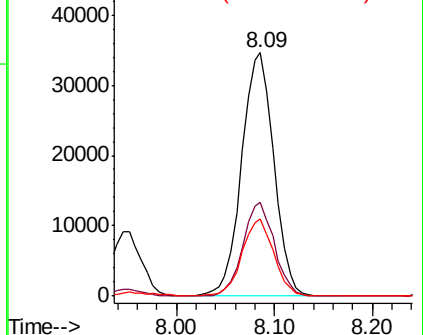
77 31.4 24.7 37.1

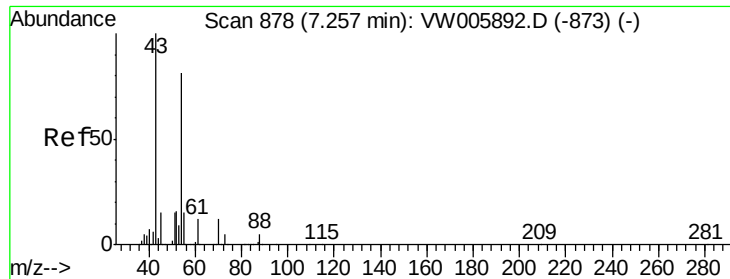


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

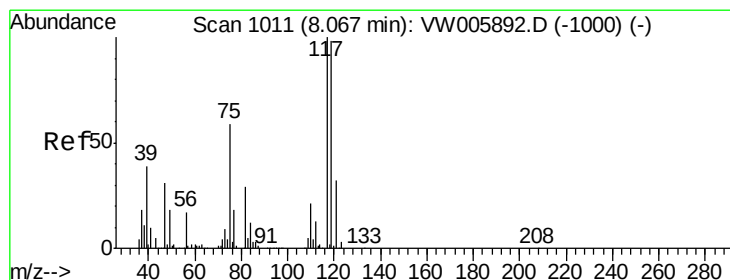
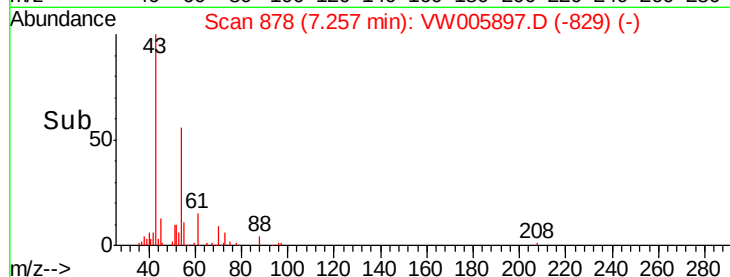
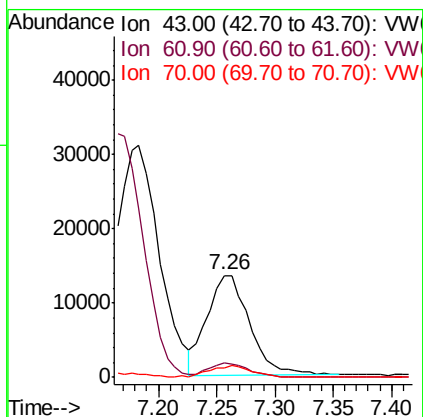
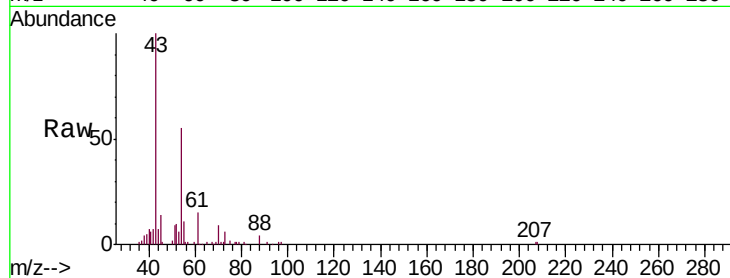




#37
 Ethyl Acetate
 Concen: 18.860 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

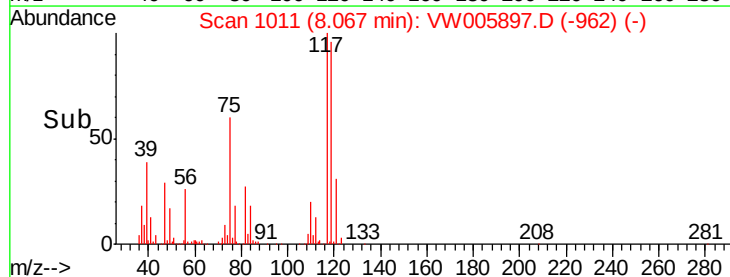
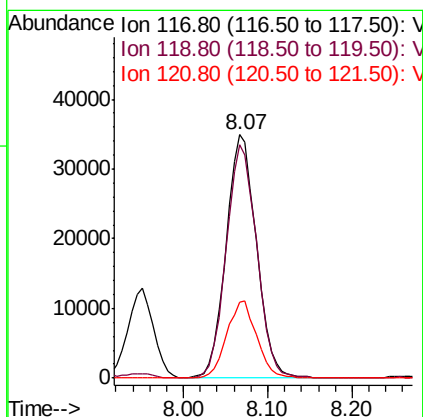
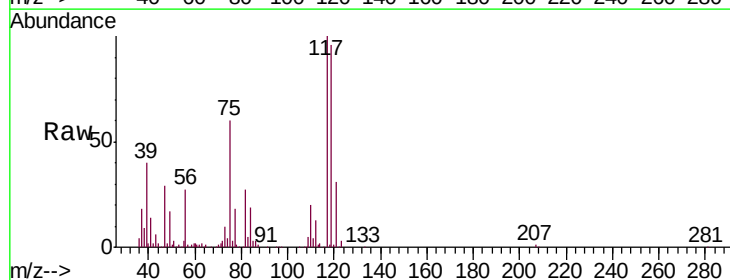
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBSD01

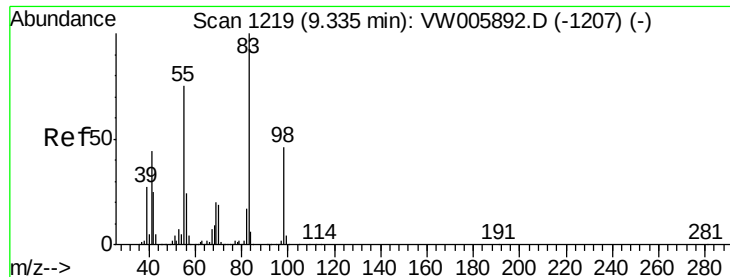
Tgt Ion: 43 Resp: 34168
 Ion Ratio Lower Upper
 43 100
 61 13.9 10.6 16.0
 70 12.2 8.6 13.0



#38
 Carbon Tetrachloride
 Concen: 18.637 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Tgt Ion: 117 Resp: 85659
 Ion Ratio Lower Upper
 117 100
 119 96.0 78.6 117.8
 121 31.3 25.3 37.9

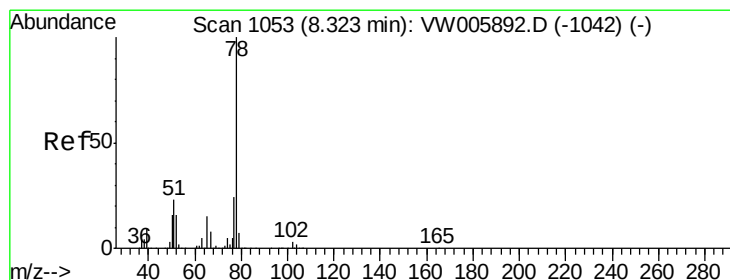
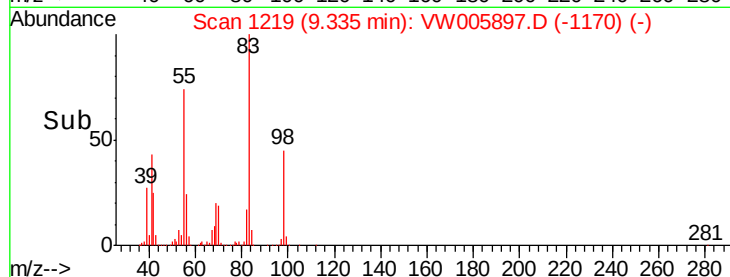
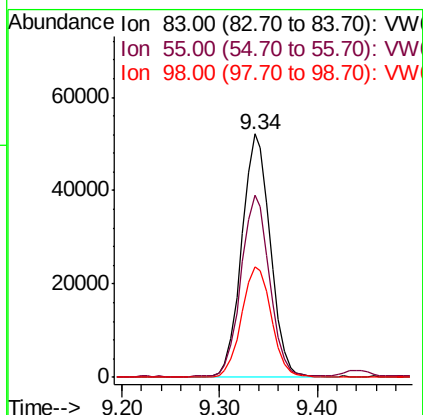
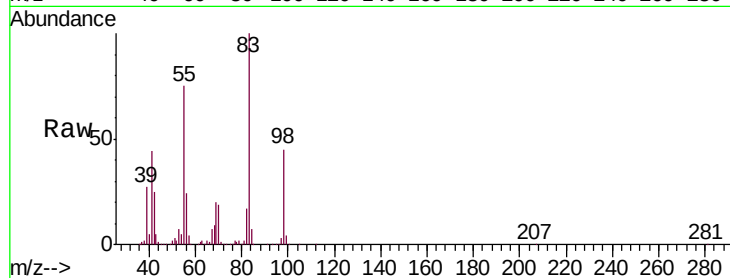




#39
Methylcyclohexane
Concen: 18.748 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

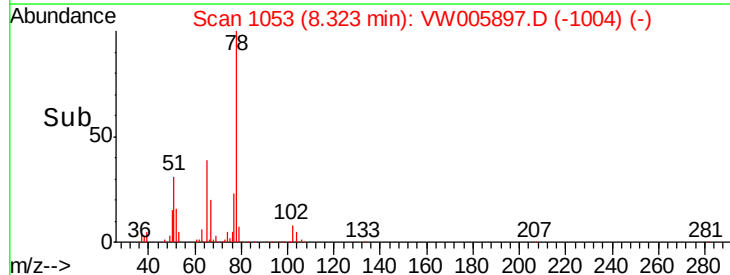
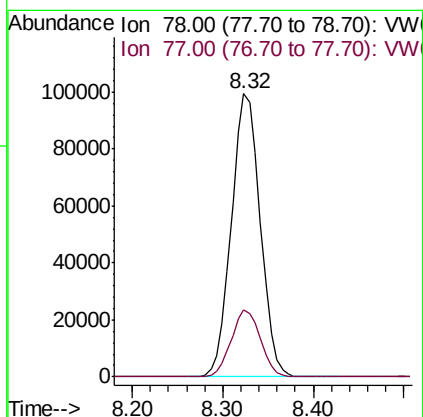
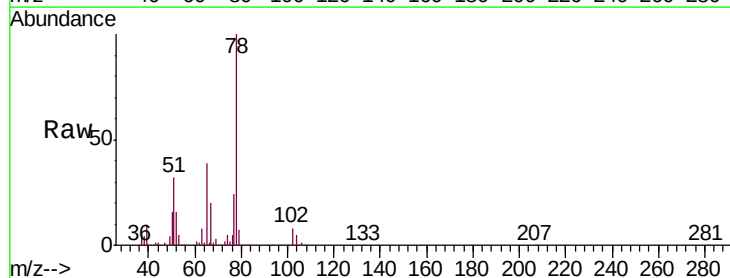
Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD01

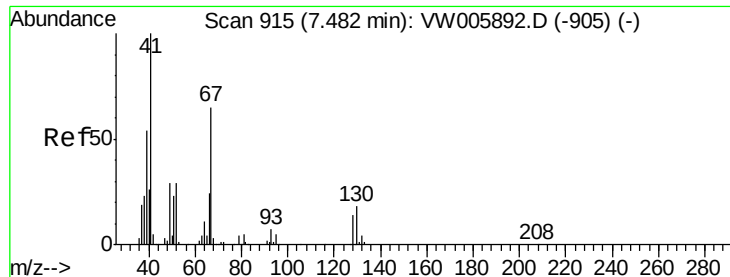
Tgt Ion: 83 Resp: 105787
Ion Ratio Lower Upper
83 100
55 74.2 59.8 89.6
98 45.3 37.1 55.7



#40
Benzene
Concen: 18.737 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Tgt Ion: 78 Resp: 219385
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7

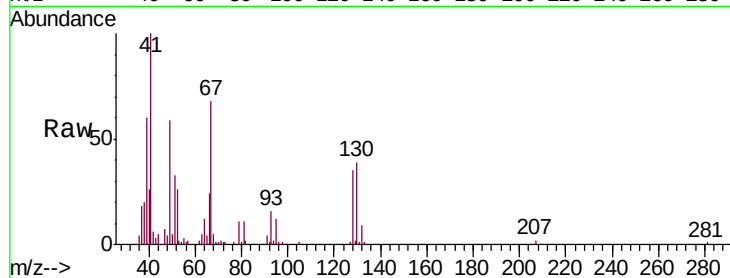




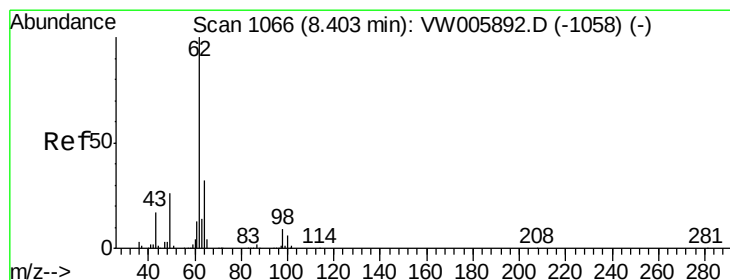
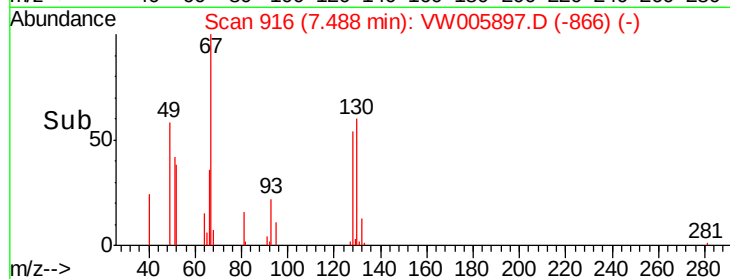
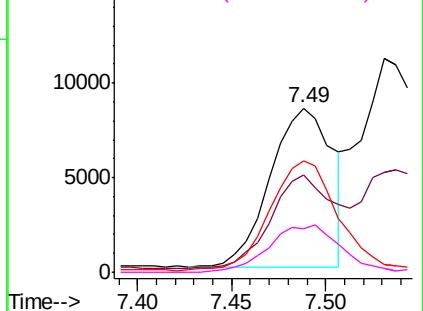
#41
Methacrylonitrile
Concen: 16.955 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD01

Tgt Ion:	41	Resp:	19230
Ion	Ratio	Lower	Upper
41	100		
39	63.3	45.0	67.4
67	75.2	55.8	83.8
52	34.3	25.3	37.9

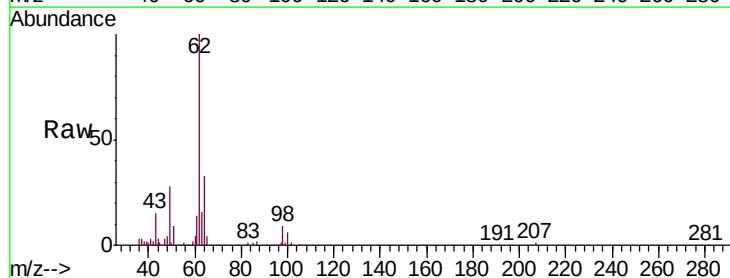


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

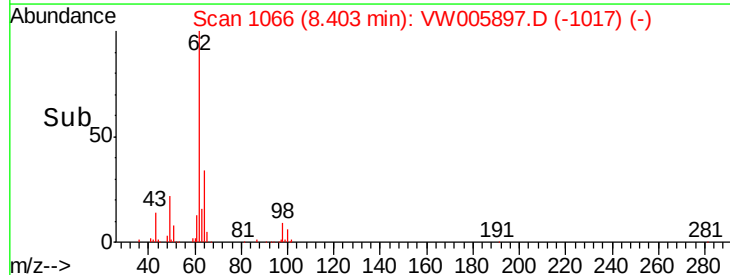
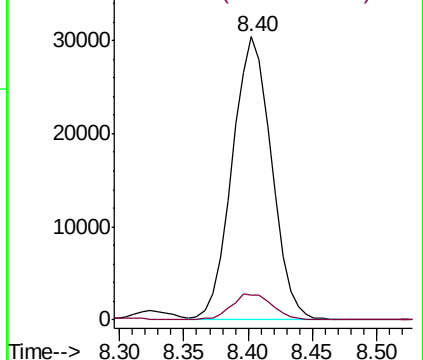


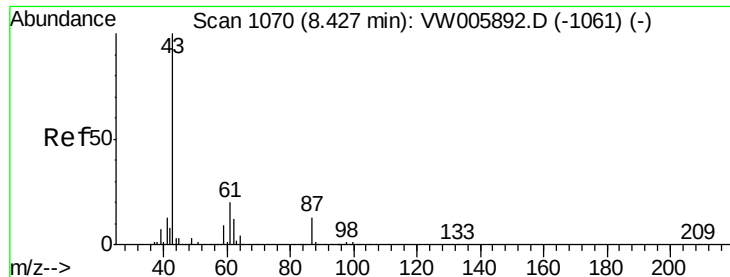
#42
1,2-Dichloroethane
Concen: 18.236 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Tgt Ion:	62	Resp:	64508
Ion	Ratio	Lower	Upper
62	100		
98	9.7	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: 18.541 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBS01

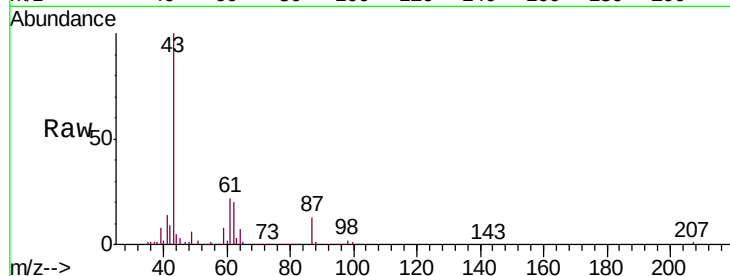
Tgt Ion: 43 Resp: 70166

Ion Ratio Lower Upper

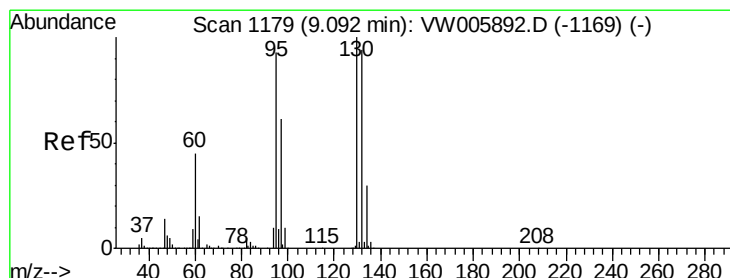
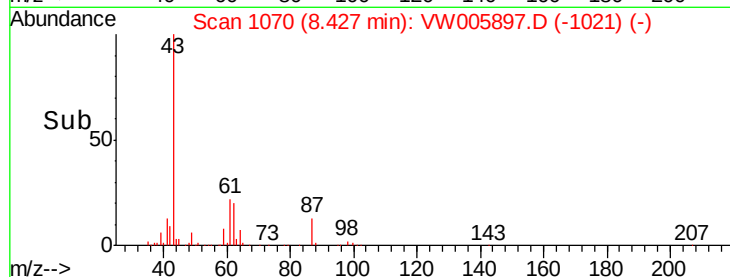
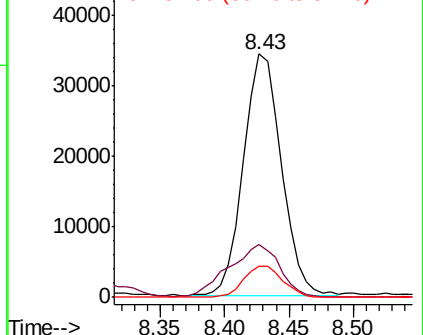
43 100

61 29.6 23.1 34.7

87 13.3 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: 19.320 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW005897.D

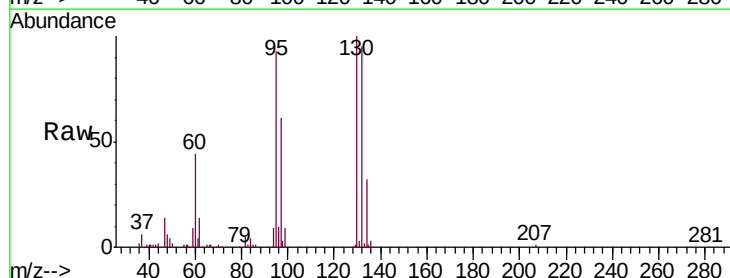
Acq: 08 Oct 2018 15:59

Tgt Ion: 130 Resp: 65633

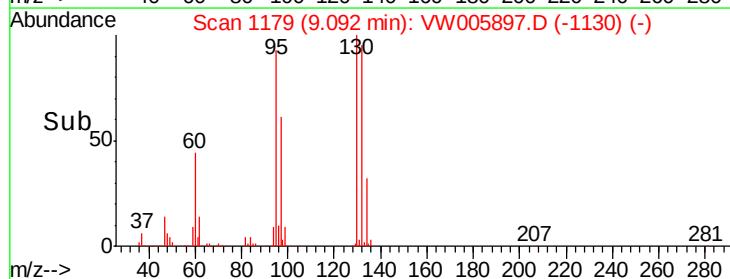
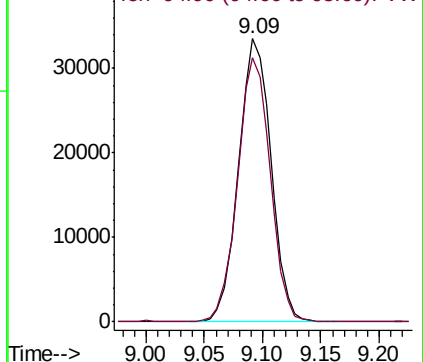
Ion Ratio Lower Upper

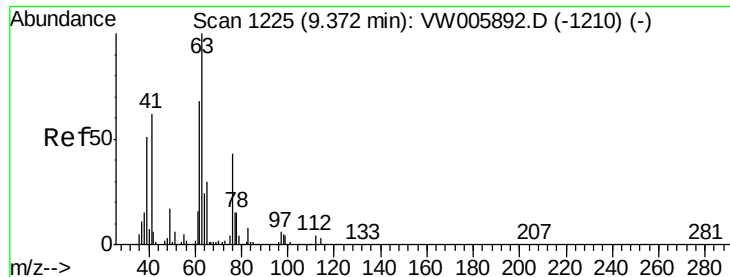
130 100

95 93.1 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: 18.703 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

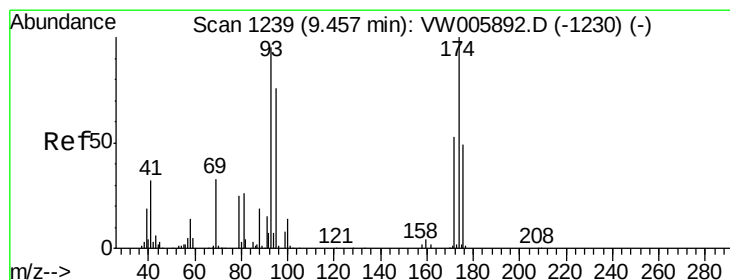
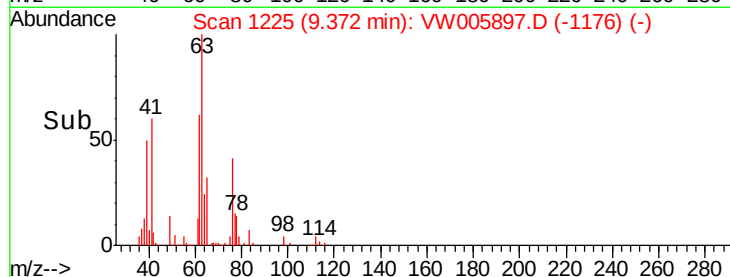
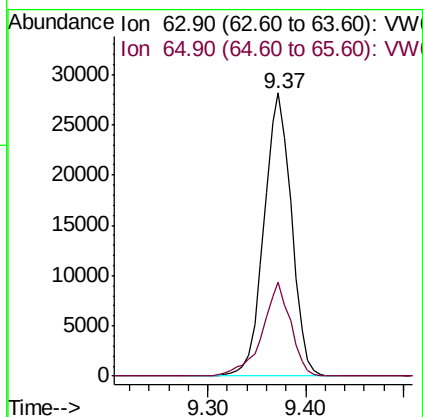
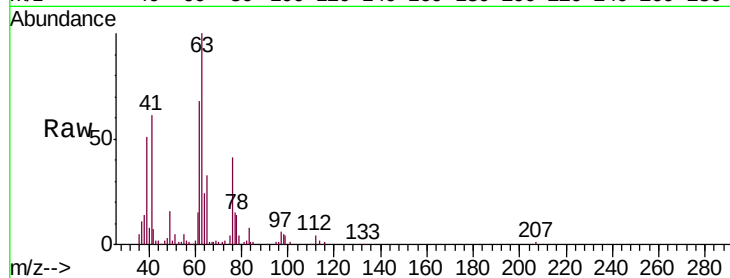
VW1008SBSD01

Tgt Ion: 63 Resp: 54815

Ion Ratio Lower Upper

63 100

65 33.0 24.3 36.5



#46

Dibromomethane

Concen: 18.992 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

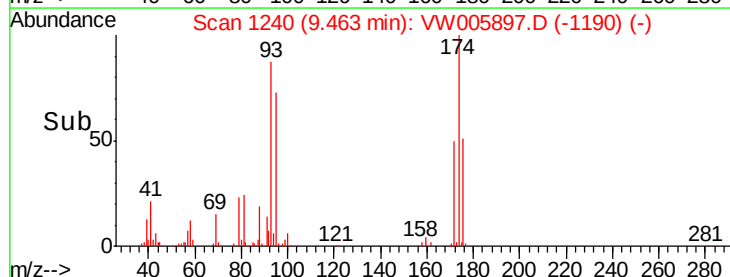
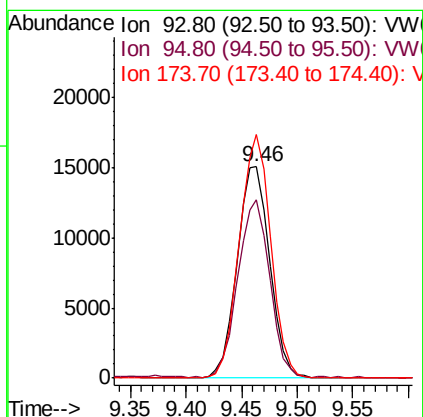
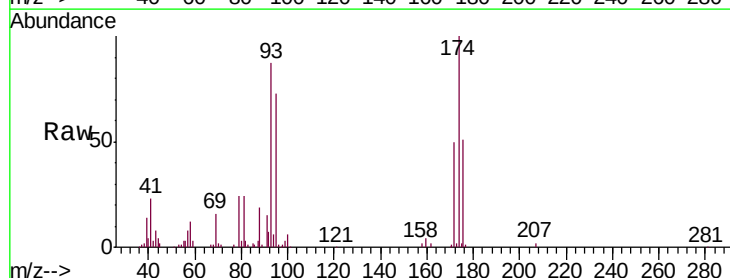
Tgt Ion: 93 Resp: 30593

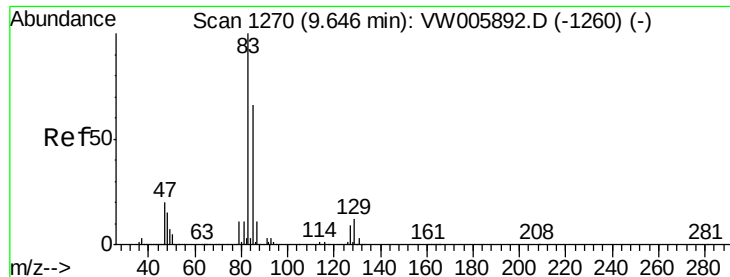
Ion Ratio Lower Upper

93 100

95 82.8 66.6 99.8

174 110.9 90.4 135.6





#47

Bromodichloromethane

Concen: 18.716 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD01

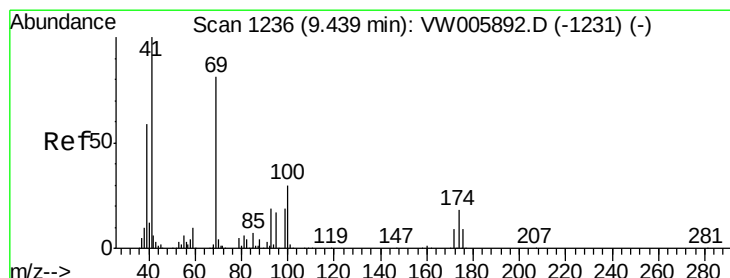
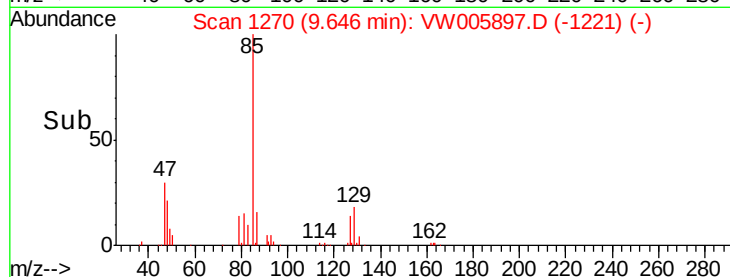
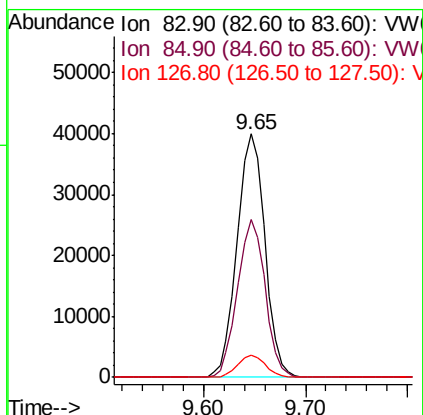
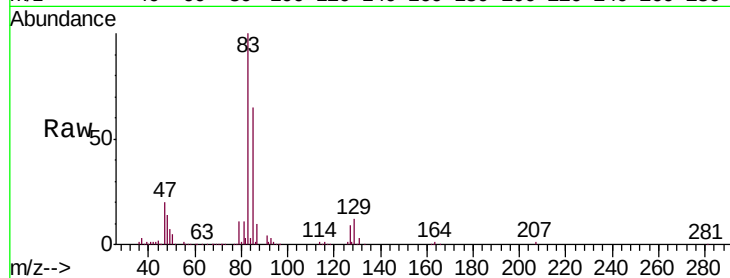
Tgt Ion: 83 Resp: 75865

Ion Ratio Lower Upper

83 100

85 64.8 53.0 79.6

127 9.3 7.4 11.0



#48

Methyl methacrylate

Concen: 18.589 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

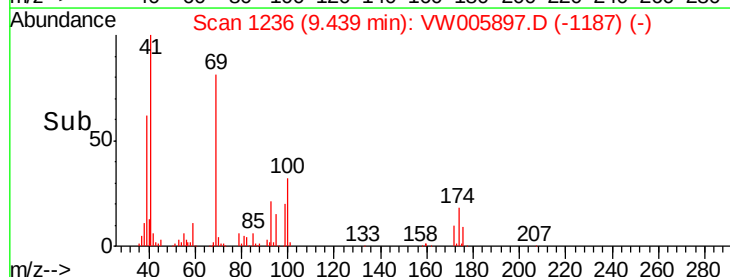
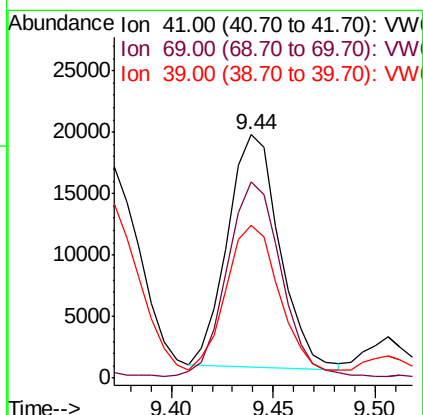
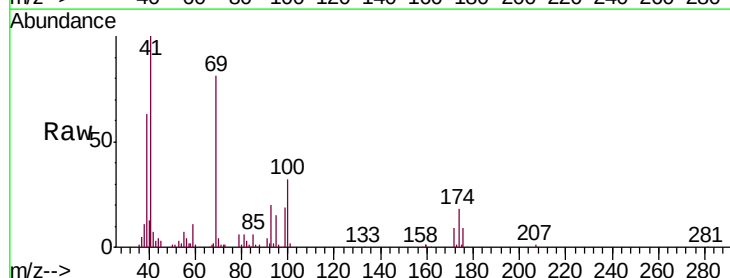
Tgt Ion: 41 Resp: 33511

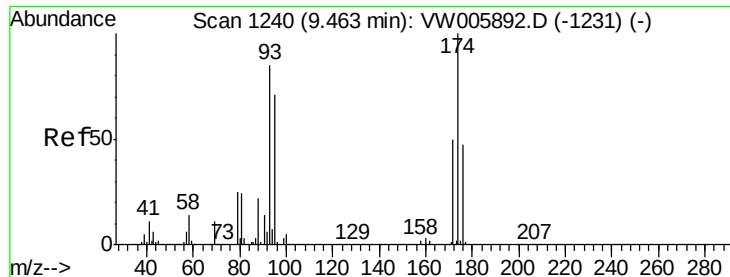
Ion Ratio Lower Upper

41 100

69 86.3 68.7 103.1

39 63.5 50.0 75.0





#49

1,4-Dioxane

Concen: 396.813 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD01

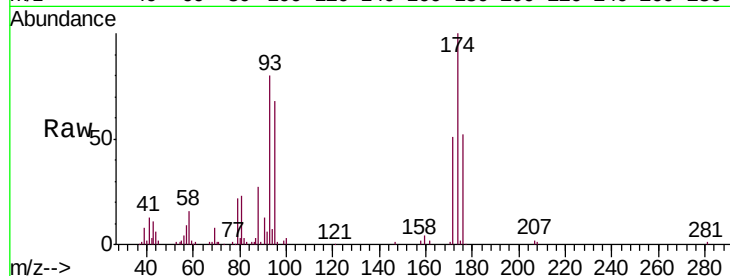
Tgt Ion: 88 Resp: 9709

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 70.6 57.7 86.5

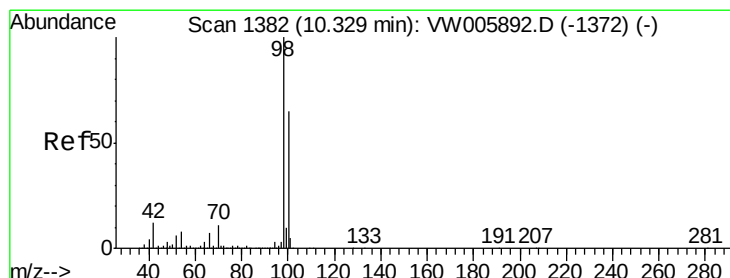
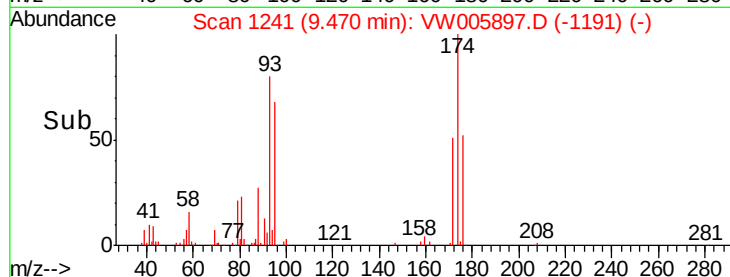
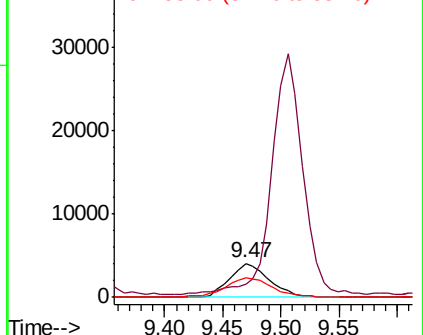


Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 50.688 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW005897.D

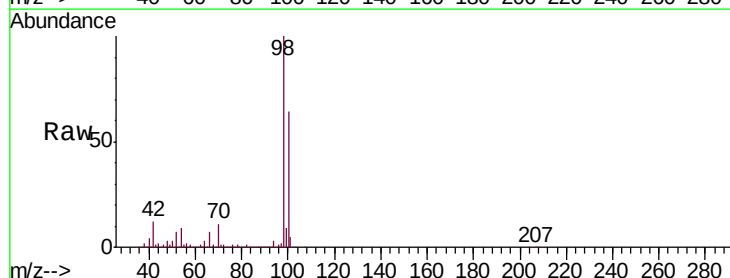
Acq: 08 Oct 2018 15:59

Tgt Ion: 98 Resp: 555894

Ion Ratio Lower Upper

98 100

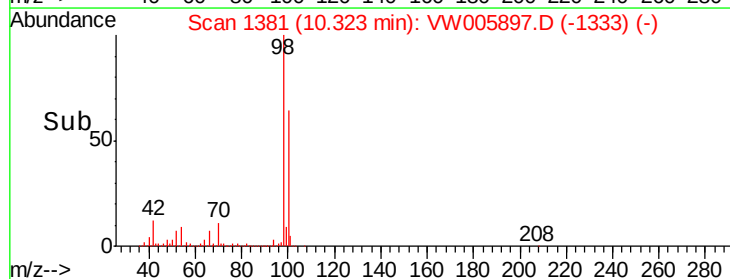
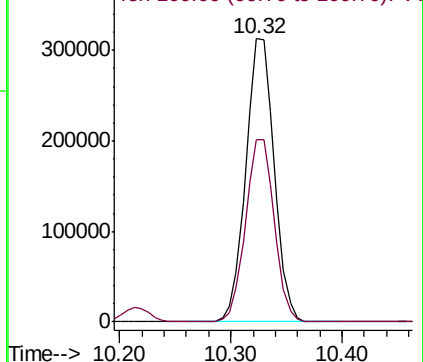
100 65.1 51.9 77.9

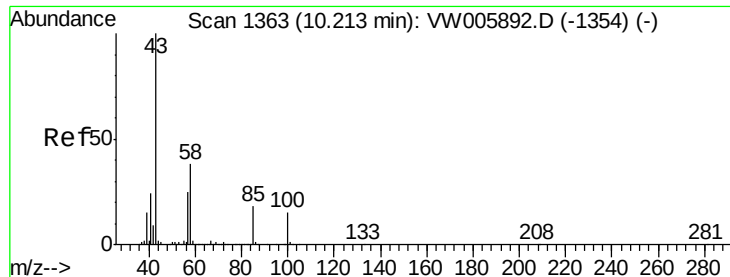


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 96.380 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

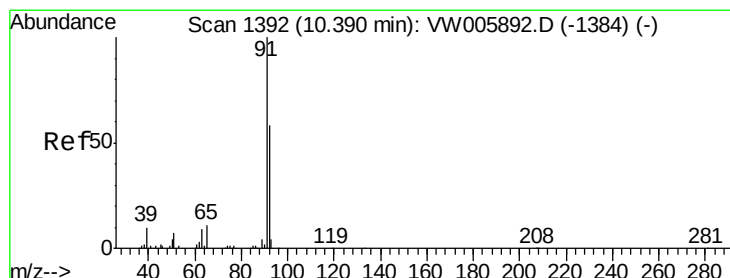
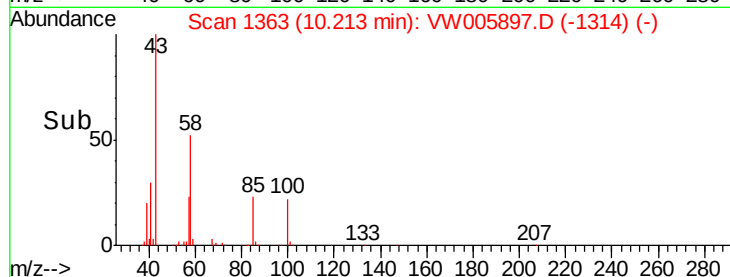
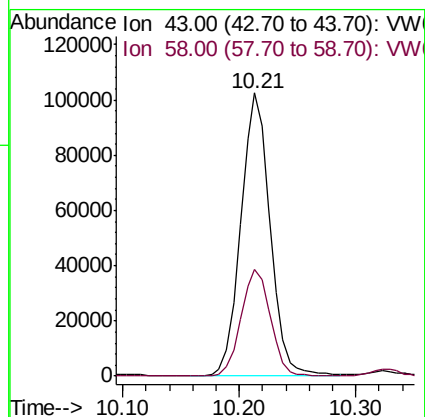
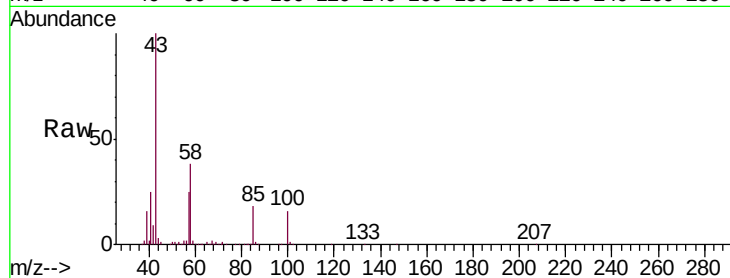
VW1008SBSD01

Tgt Ion: 43 Resp: 177611

Ion Ratio Lower Upper

43 100

58 38.5 30.2 45.4



#52

Toluene

Concen: 19.015 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005897.D

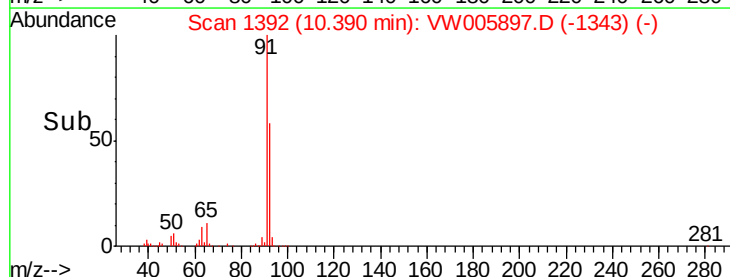
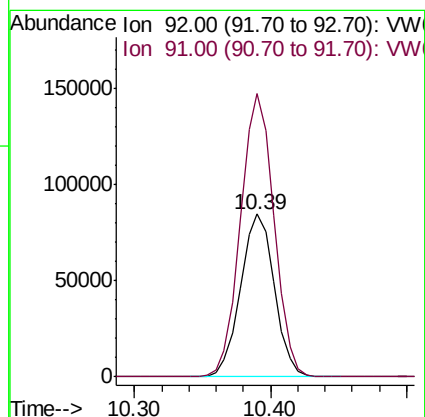
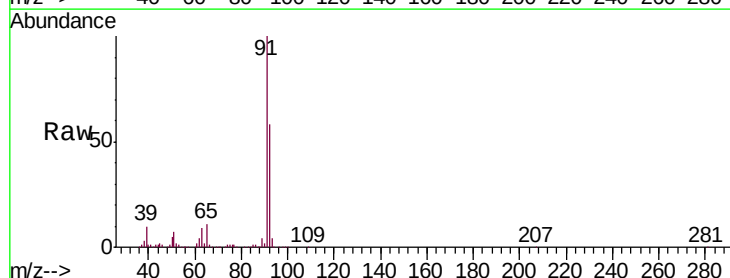
Acq: 08 Oct 2018 15:59

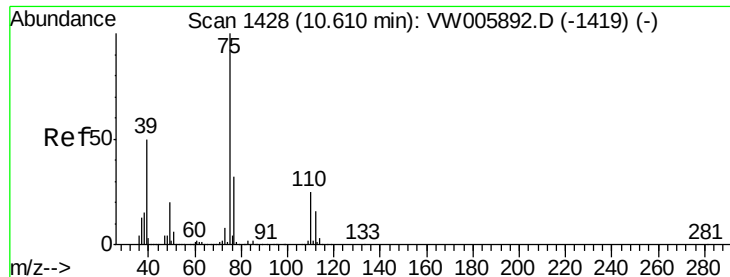
Tgt Ion: 92 Resp: 146262

Ion Ratio Lower Upper

92 100

91 172.7 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 18.657 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

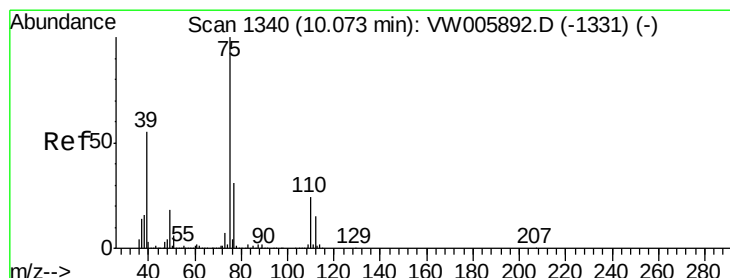
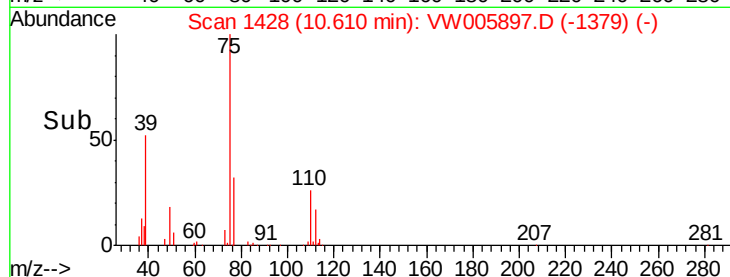
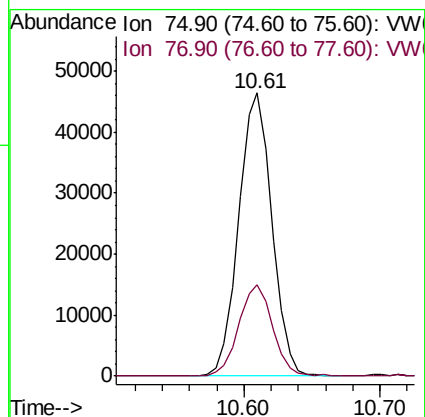
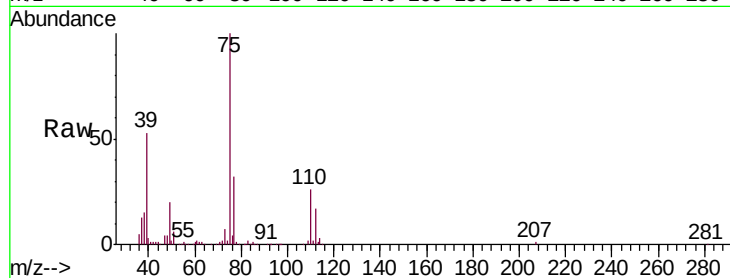
VW1008SBSD01

Tgt Ion: 75 Resp: 79033

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.758 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

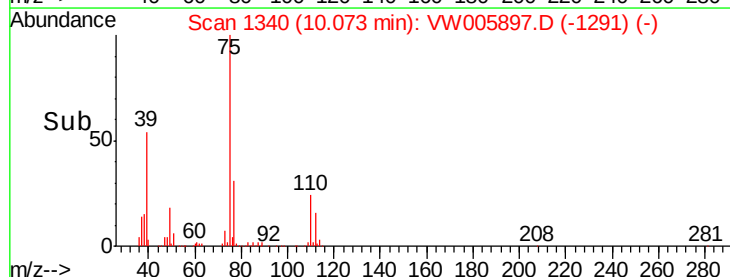
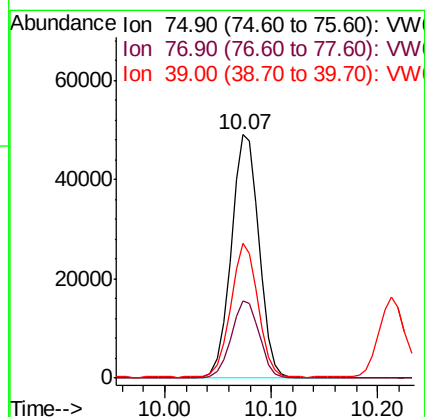
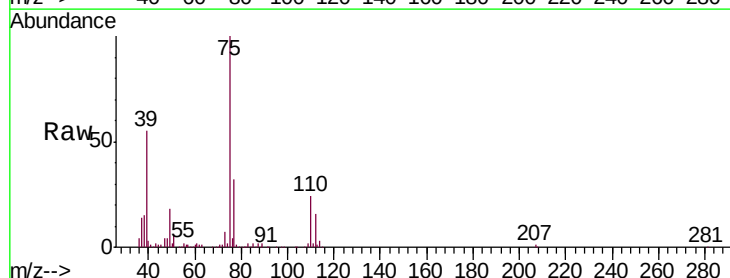
Tgt Ion: 75 Resp: 89321

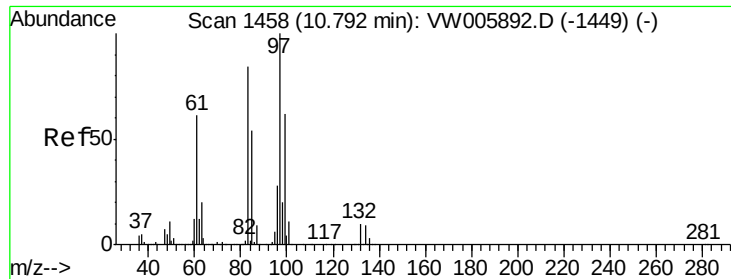
Ion Ratio Lower Upper

75 100

77 31.5 24.6 37.0

39 54.6 44.2 66.4

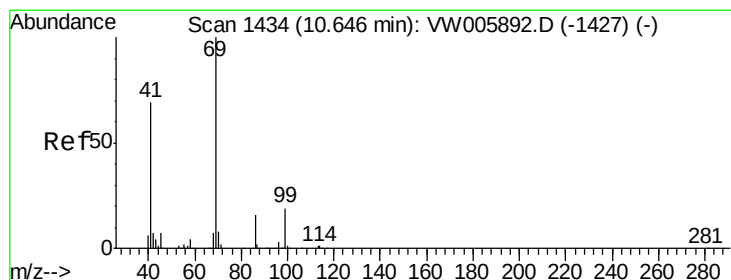
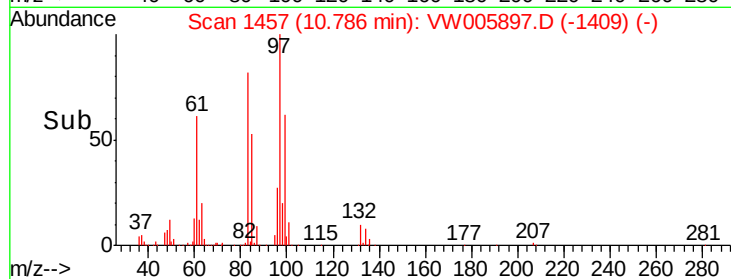
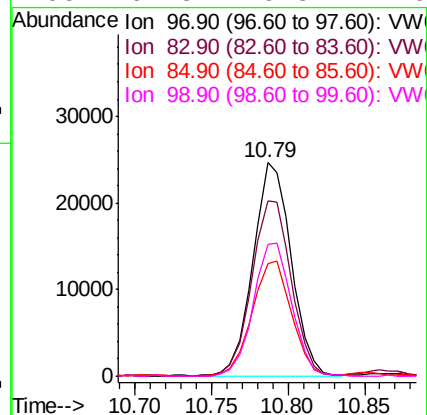
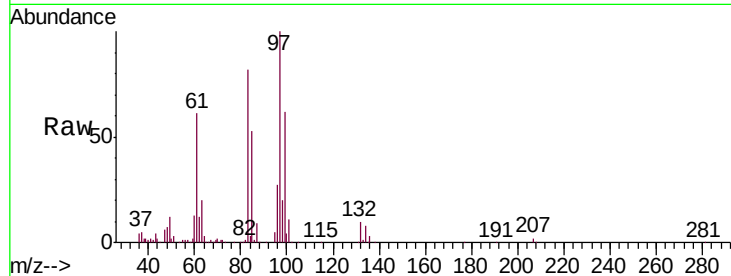




#55
 1,1,2-Trichloroethane
 Concen: 19.065 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

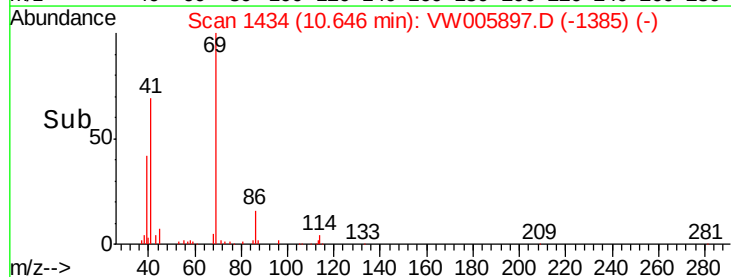
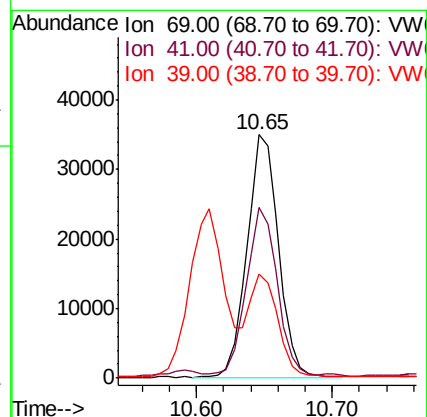
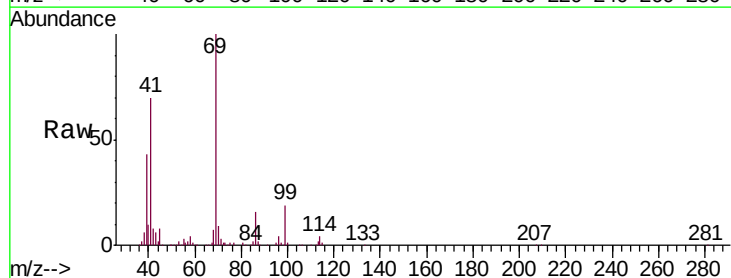
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBSD01

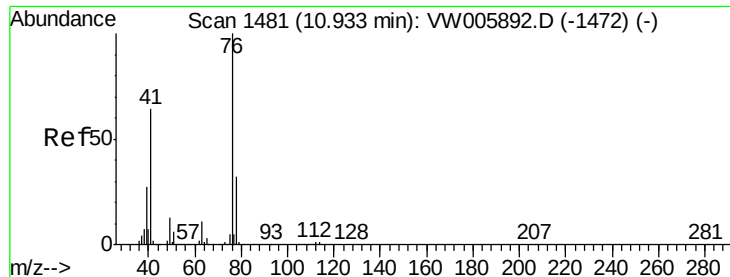
Tgt Ion:	97	Resp:	42536
Ion	Ratio	Lower	Upper
97	100		
83	81.9	66.9	100.3
85	53.1	43.4	65.0
99	61.8	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 18.820 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Tgt Ion:	69	Resp:	56592
Ion	Ratio	Lower	Upper
69	100		
41	68.5	56.0	84.0
39	41.3	33.5	50.3





#57

1,3-Dichloropropane

Concen: 18.874 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

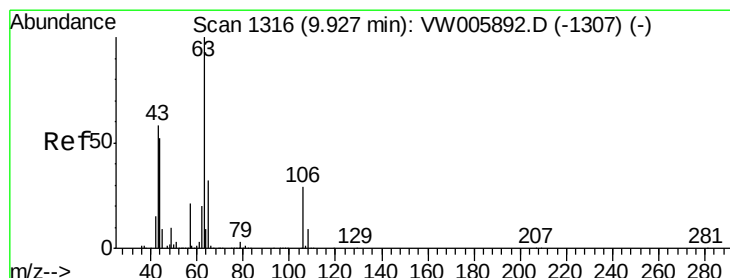
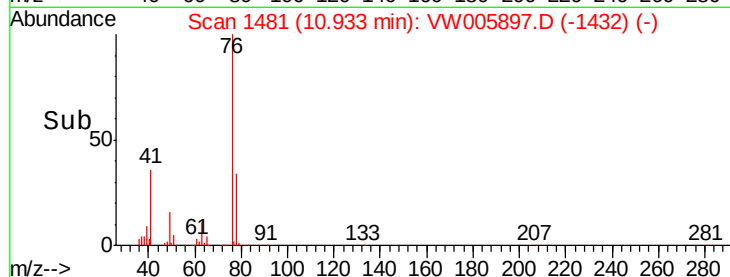
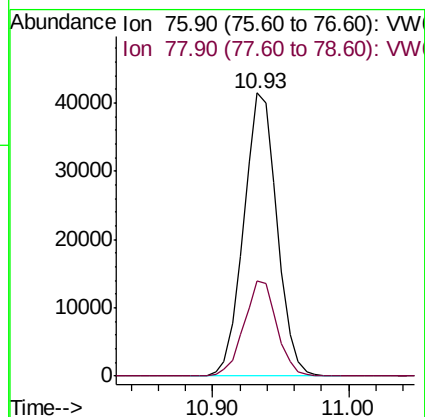
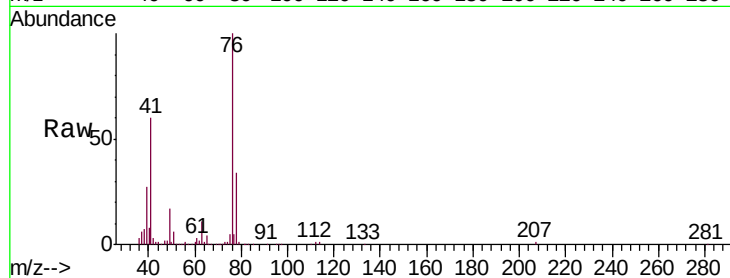
VW1008SBSD01

Tgt Ion: 76 Resp: 70842

Ion Ratio Lower Upper

76 100

78 33.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 99.140 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW005897.D

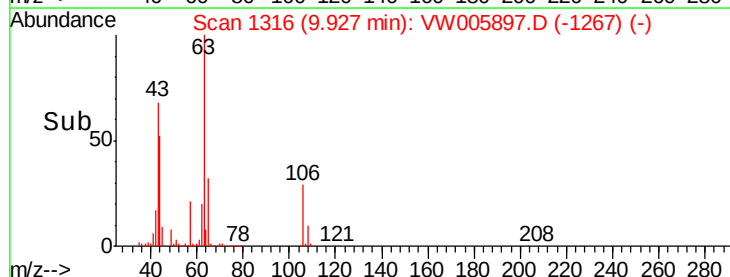
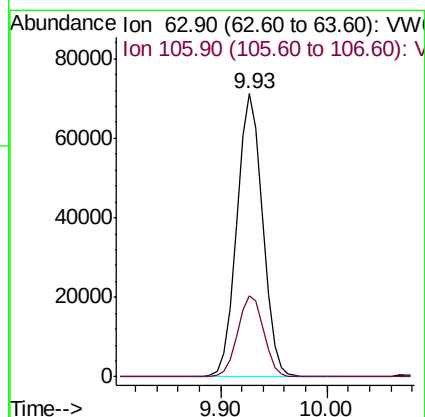
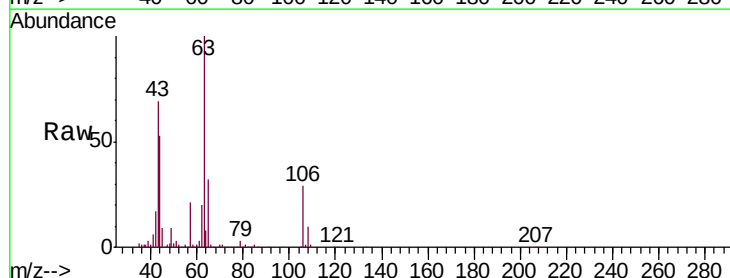
Acq: 08 Oct 2018 15:59

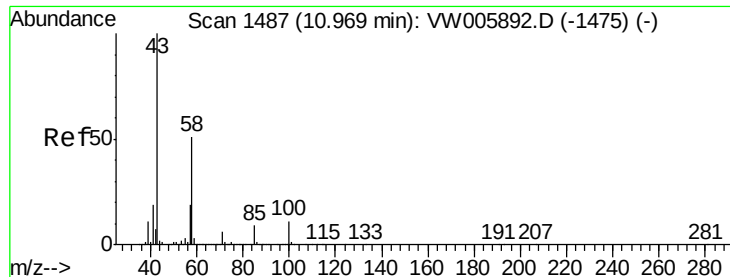
Tgt Ion: 63 Resp: 121303

Ion Ratio Lower Upper

63 100

106 29.0 23.6 35.4





#59

2-Hexanone

Concen: 97.844 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

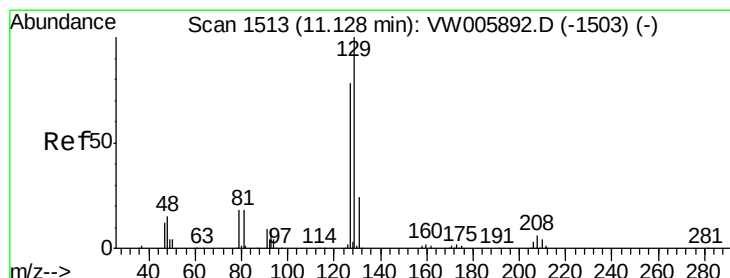
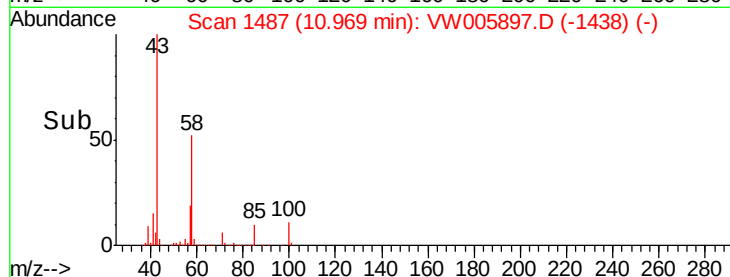
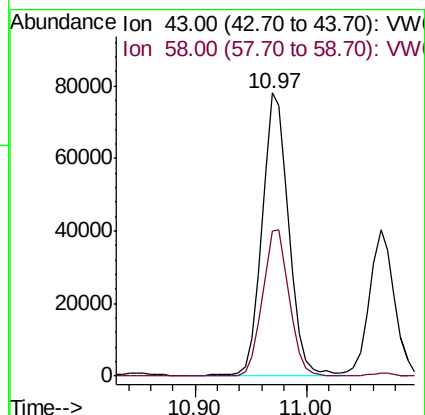
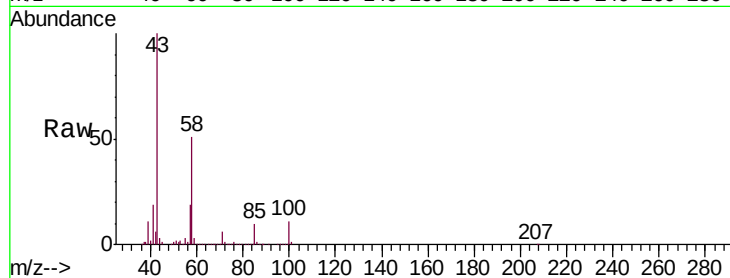
VW1008SBSD01

Tgt Ion: 43 Resp: 129285

Ion Ratio Lower Upper

43 100

58 52.4 25.7 77.1



#60

Dibromochloromethane

Concen: 18.867 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW005897.D

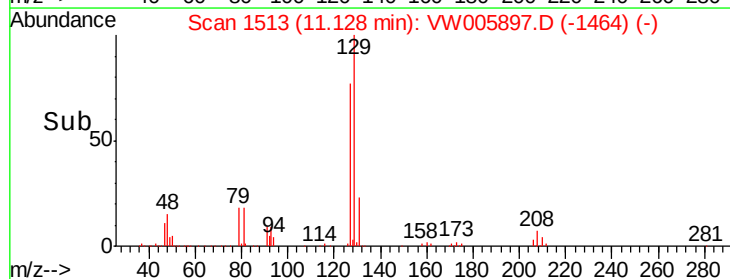
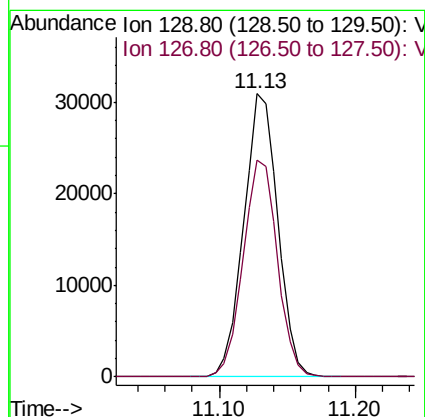
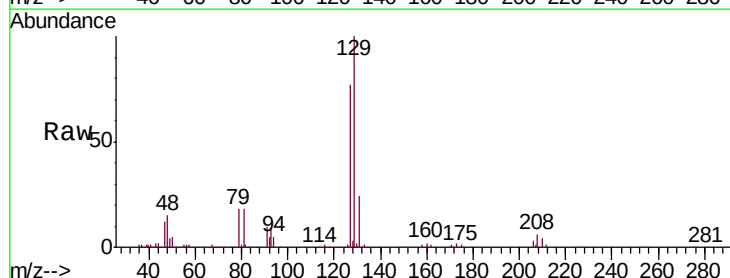
Acq: 08 Oct 2018 15:59

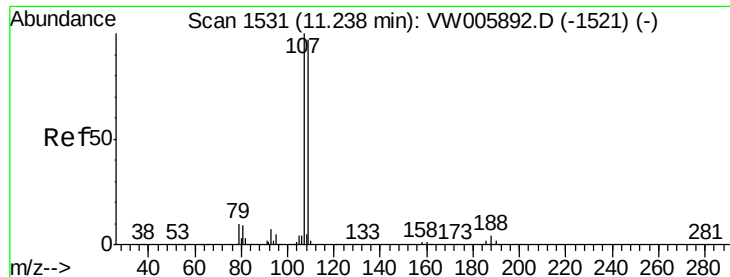
Tgt Ion: 129 Resp: 54321

Ion Ratio Lower Upper

129 100

127 76.8 38.5 115.5

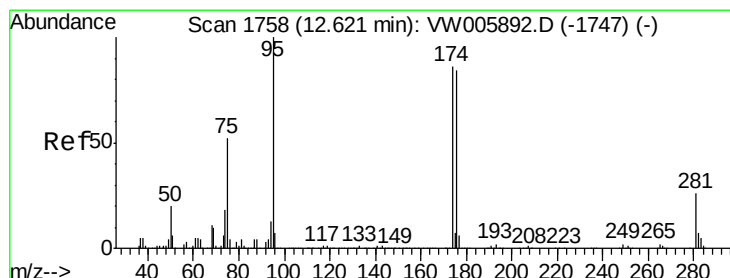
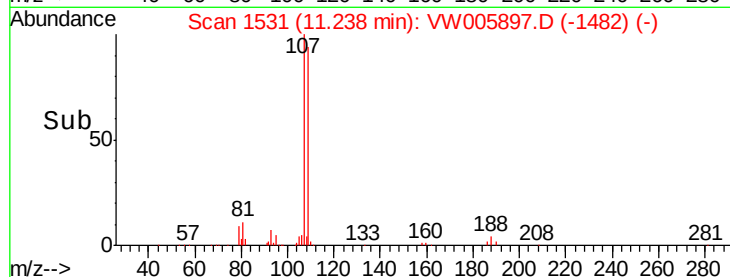
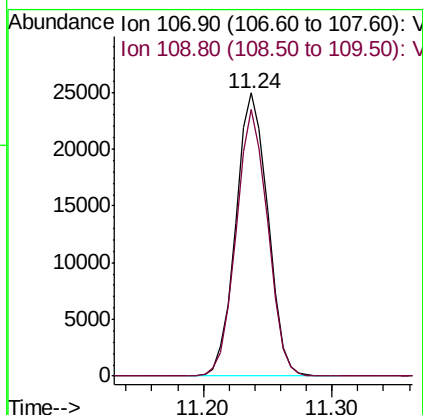
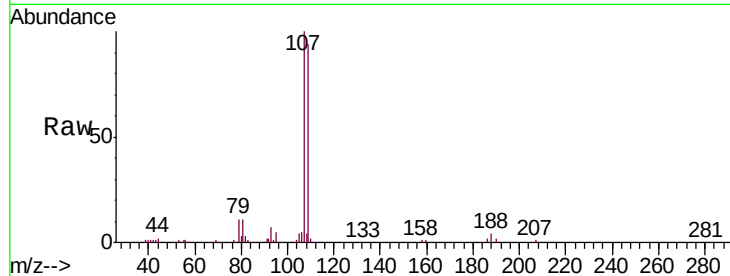




#61
 1,2-Dibromoethane
 Concen: 19.260 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

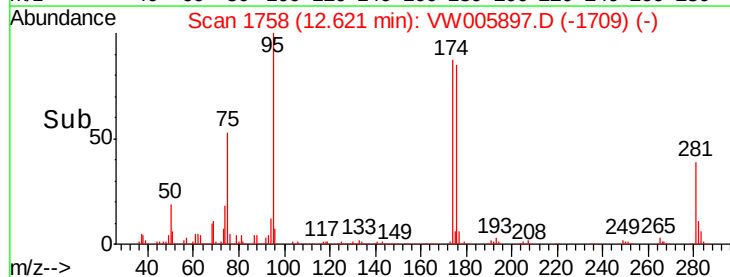
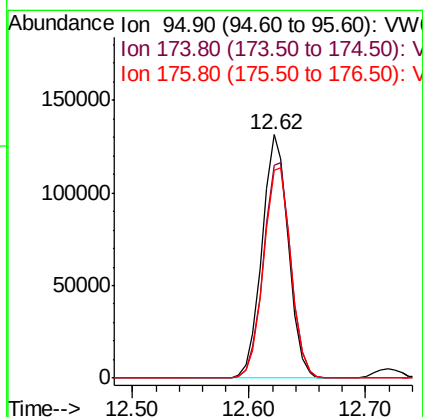
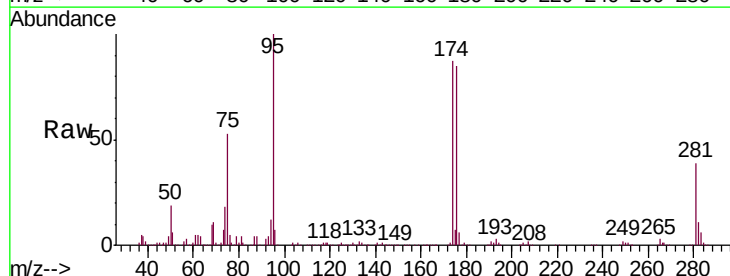
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBSD01

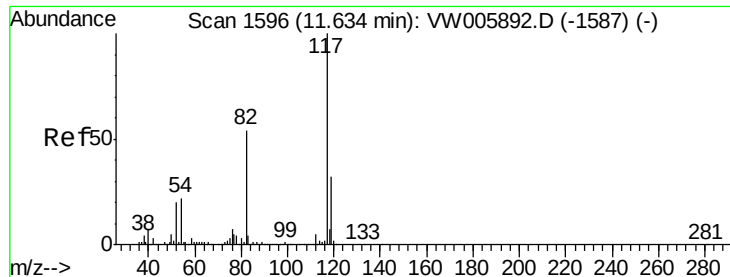
Tgt Ion: 107 Resp: 42940
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 49.773 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Tgt Ion: 95 Resp: 207679
 Ion Ratio Lower Upper
 95 100
 174 91.3 0.0 176.4
 176 89.4 0.0 173.0

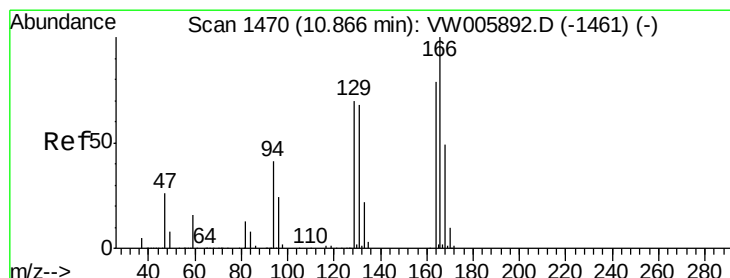
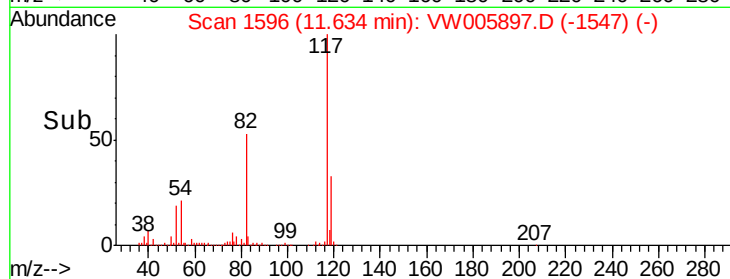
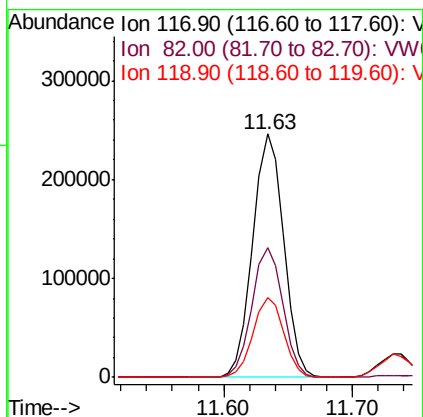
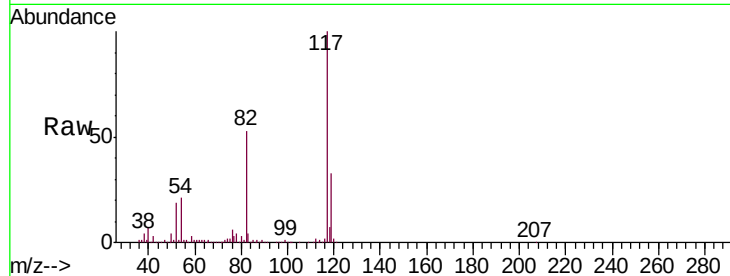




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

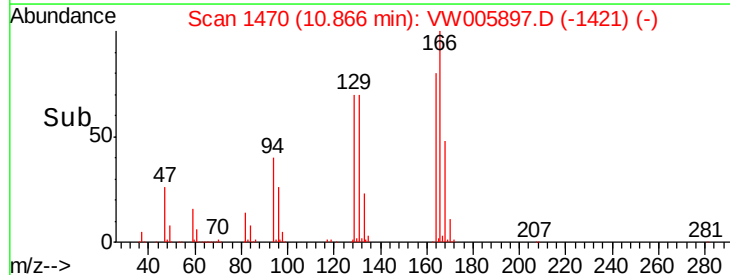
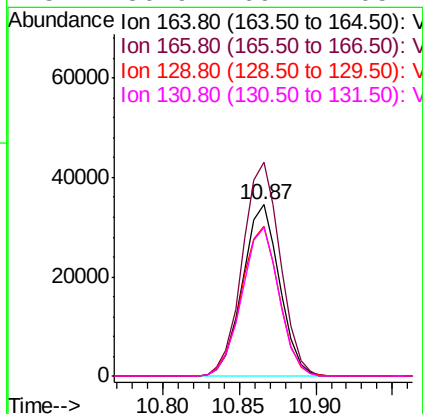
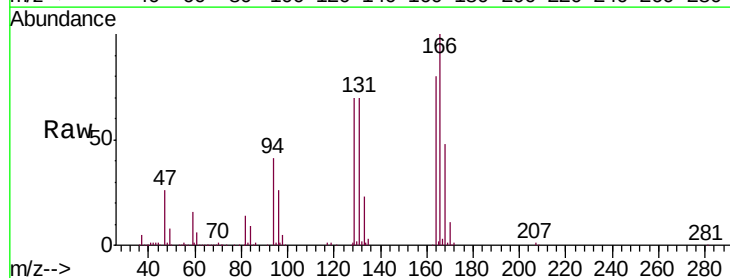
Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD01

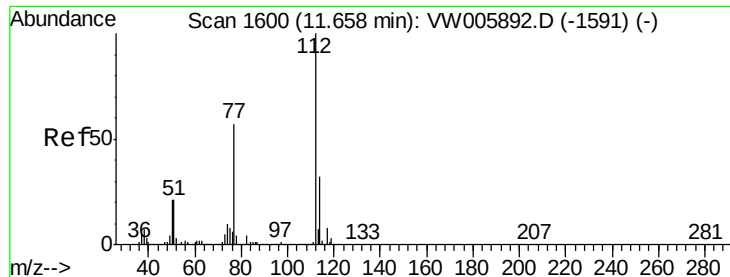
Tgt Ion:117 Resp: 407794
Ion Ratio Lower Upper
117 100
82 53.1 43.5 65.3
119 32.9 25.4 38.2



#64
Tetrachloroethene
Concen: 19.075 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Tgt Ion:164 Resp: 57945
Ion Ratio Lower Upper
164 100
166 124.6 101.5 152.3
129 87.7 71.1 106.7
131 86.9 69.1 103.7

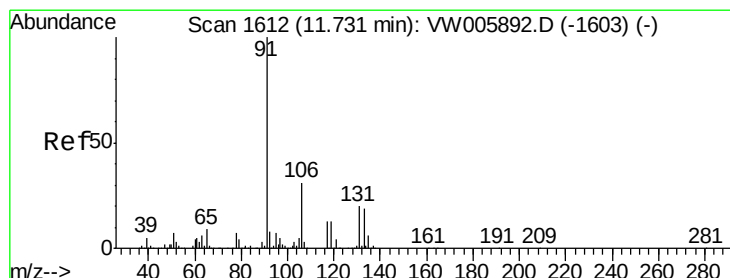
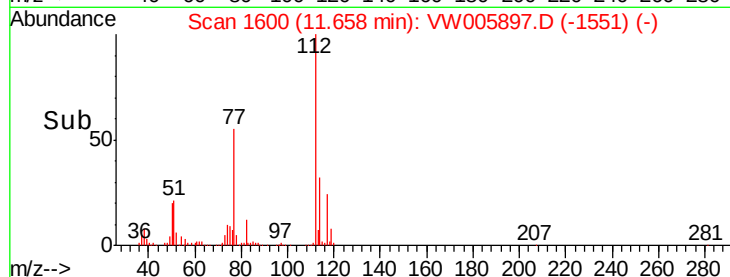
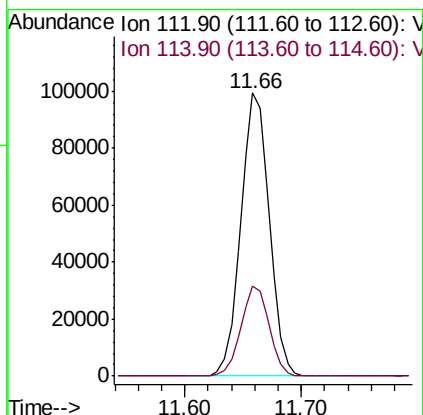
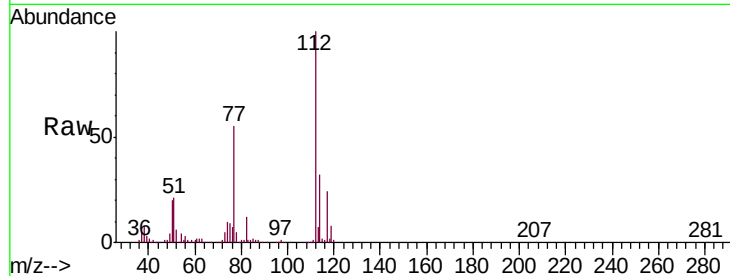




#65
Chlorobenzene
Concen: 19.346 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

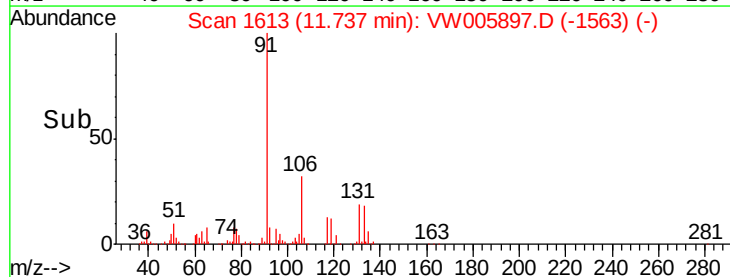
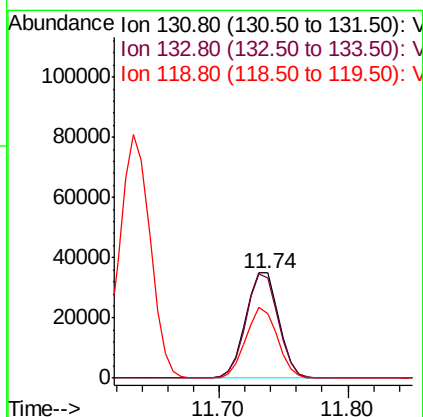
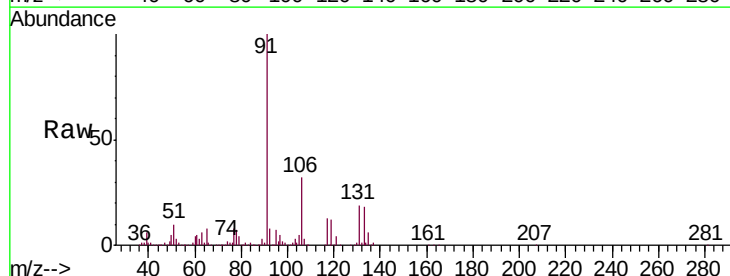
Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD01

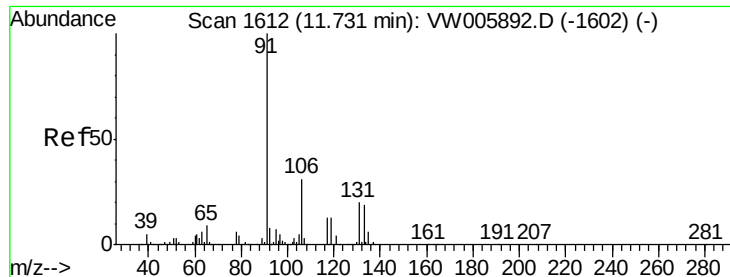
Tgt Ion:112 Resp: 168992
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.314 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Tgt Ion:131 Resp: 61837
Ion Ratio Lower Upper
131 100
133 96.9 48.2 144.6
119 64.0 32.5 97.5

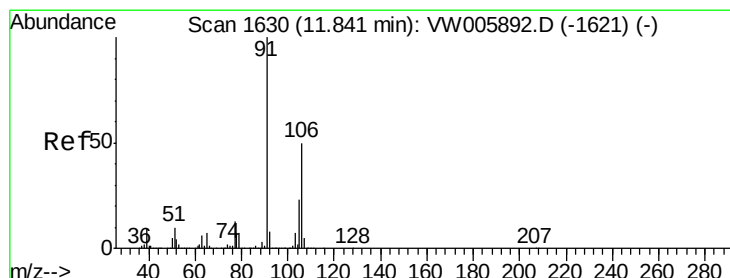
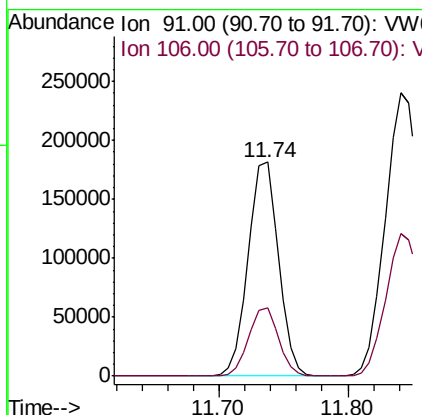
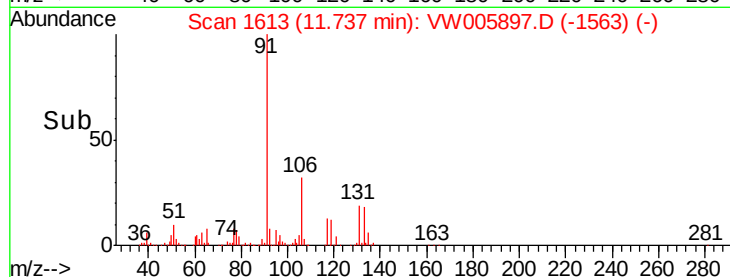
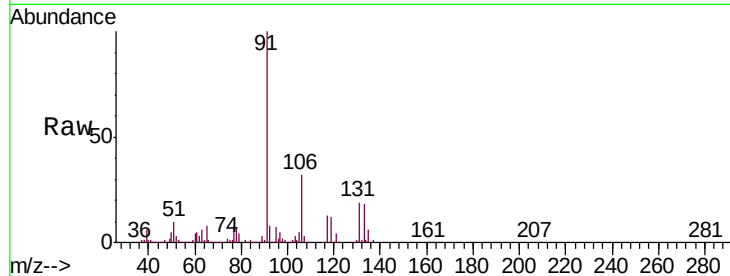




#67
Ethyl Benzene
Concen: 19.157 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

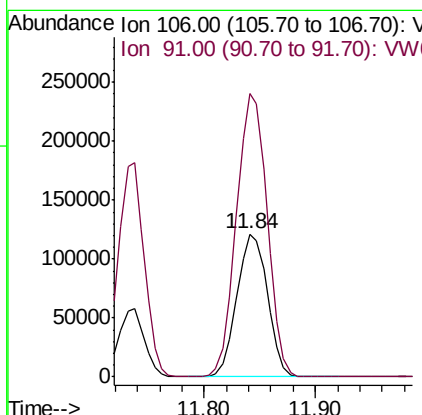
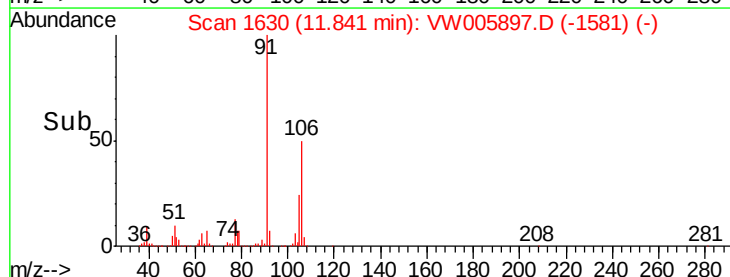
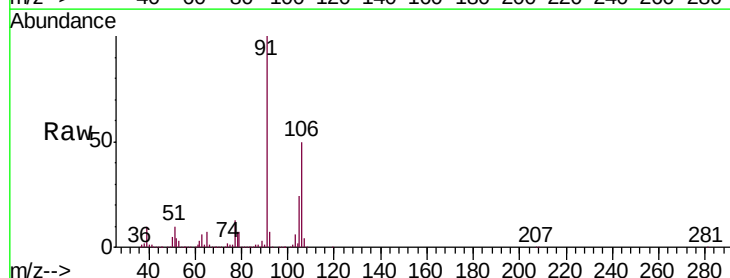
Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD01

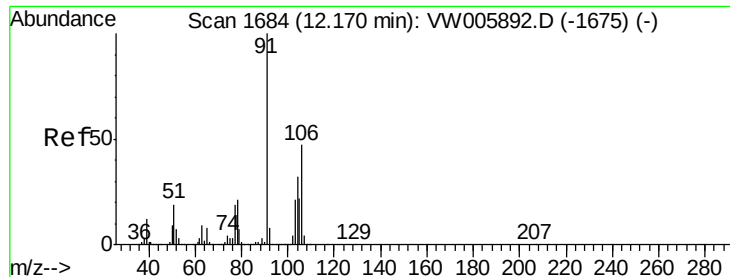
Tgt Ion: 91 Resp: 295574
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.6



#68
m/p-Xylenes
Concen: 38.289 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Tgt Ion: 106 Resp: 230863
Ion Ratio Lower Upper
106 100
91 198.9 160.2 240.2

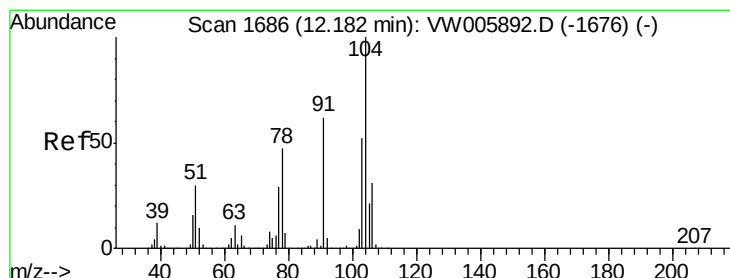
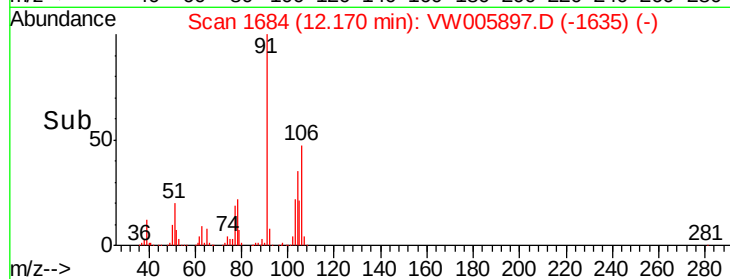
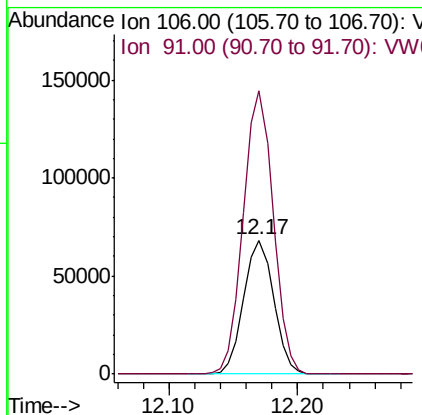
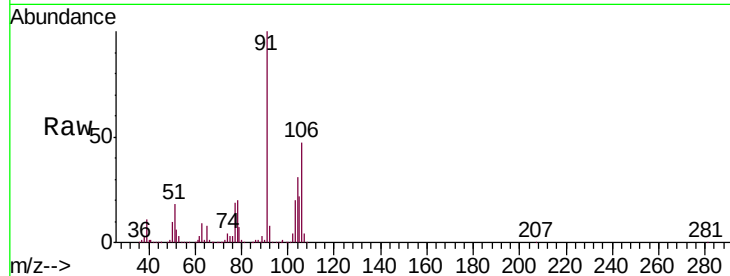




#69
o-Xylene
Concen: 19.075 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

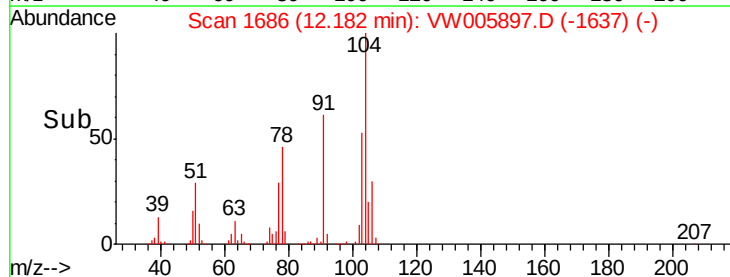
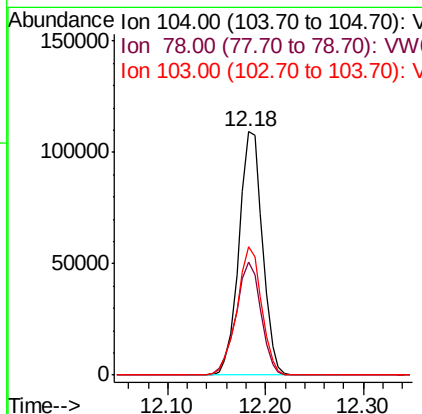
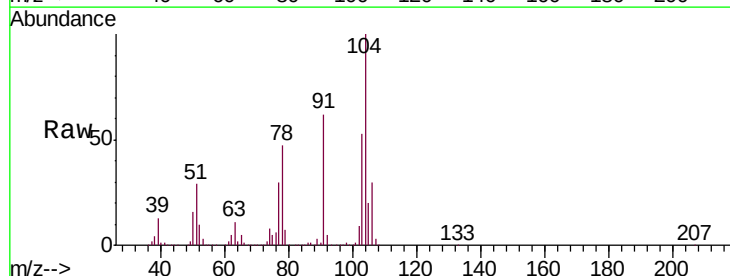
Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD01

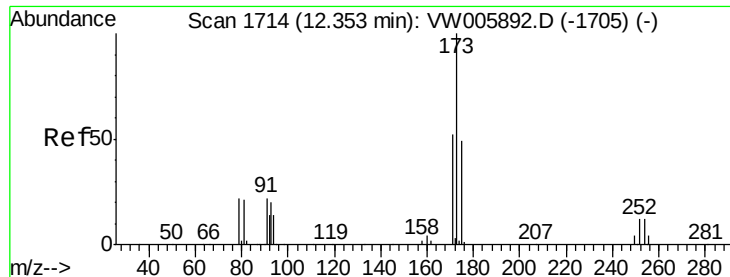
Tgt Ion:106 Resp: 110107
Ion Ratio Lower Upper
106 100
91 210.9 106.2 318.5



#70
Styrene
Concen: 19.072 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Tgt Ion:104 Resp: 182663
Ion Ratio Lower Upper
104 100
78 49.4 40.4 60.6
103 55.2 44.2 66.2

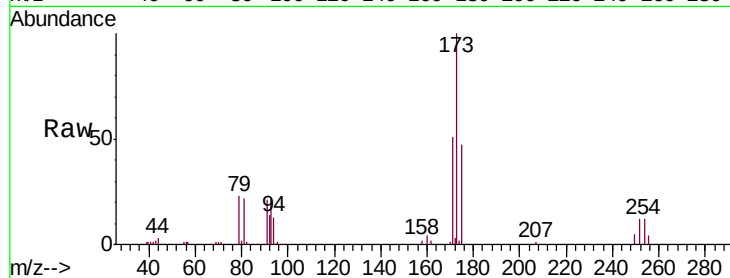




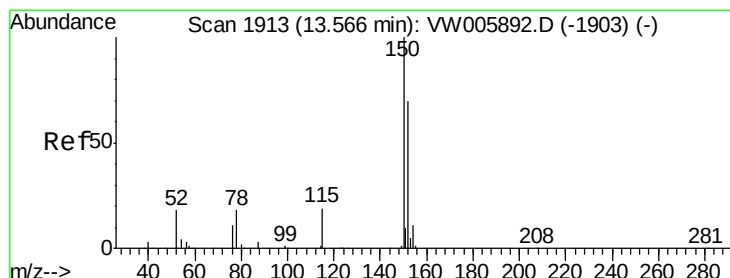
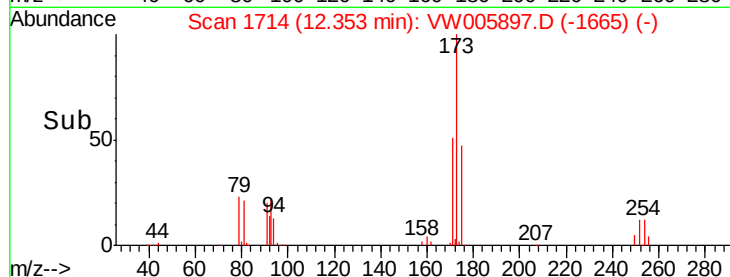
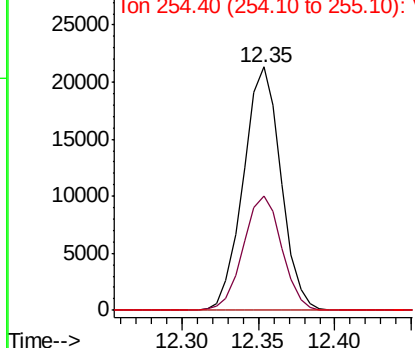
#71
Bromoform
Concen: 19.051 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD01

Tgt Ion:173 Resp: 36333
Ion Ratio Lower Upper
173 100
175 48.1 24.7 74.1
254 0.0 0.2 0.2#

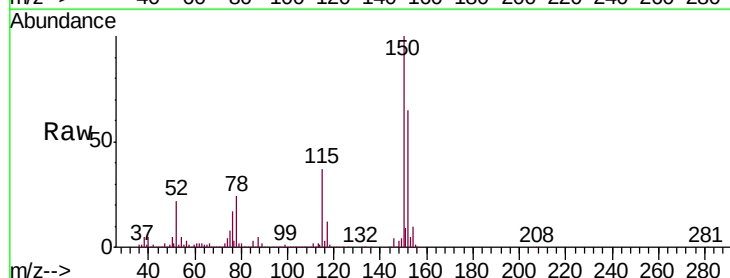


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

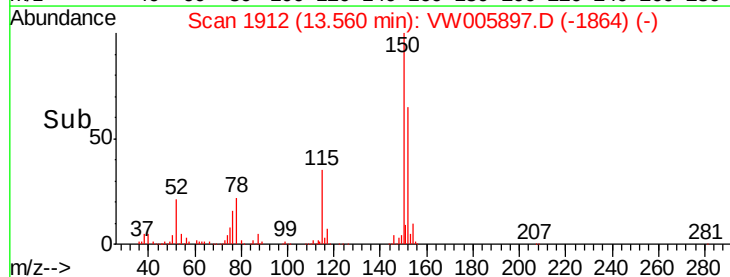
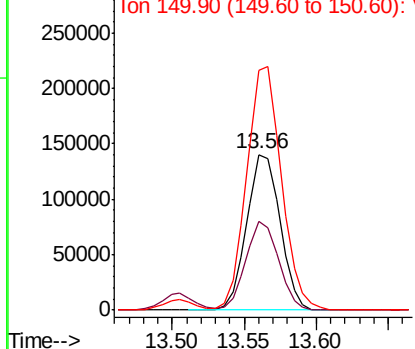


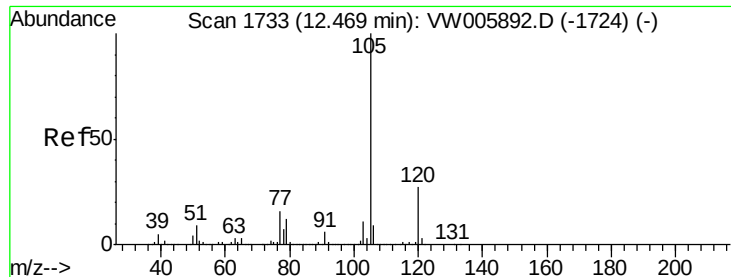
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Tgt Ion:152 Resp: 225108
Ion Ratio Lower Upper
152 100
115 55.7 28.3 85.0
150 162.4 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: 18.844 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

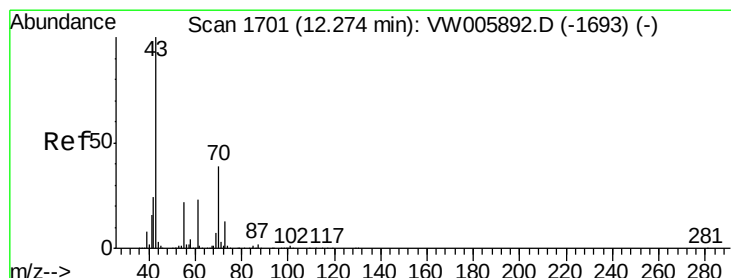
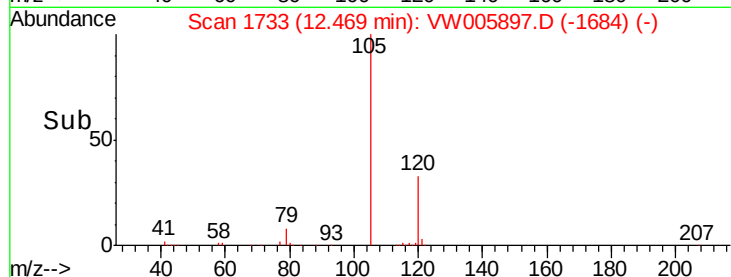
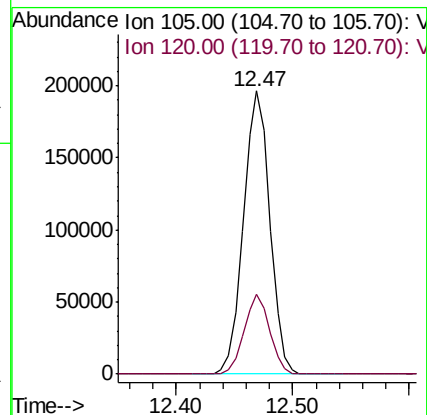
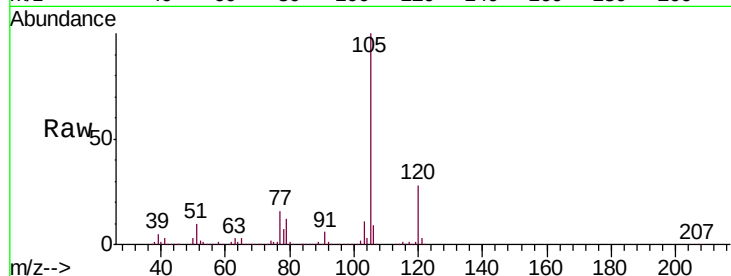
VW1008SBSD01

Tgt Ion:105 Resp: 309788

Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.8



#74

N-ethyl acetate

Concen: 18.515 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Tgt Ion: 43 Resp: 72289

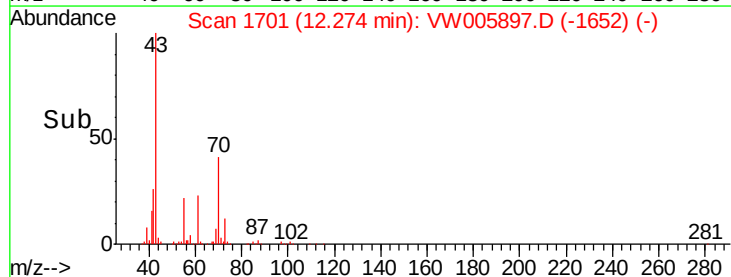
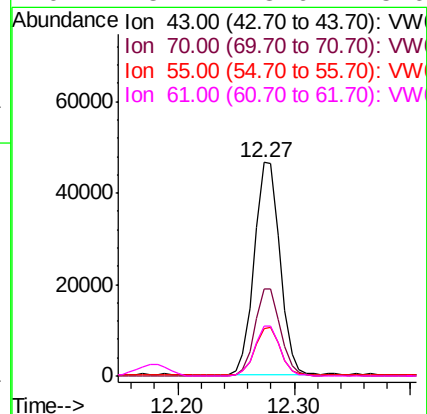
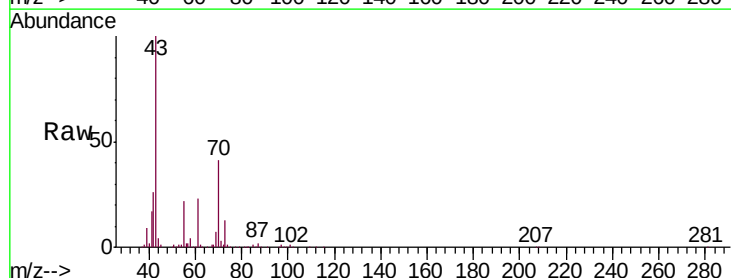
Ion Ratio Lower Upper

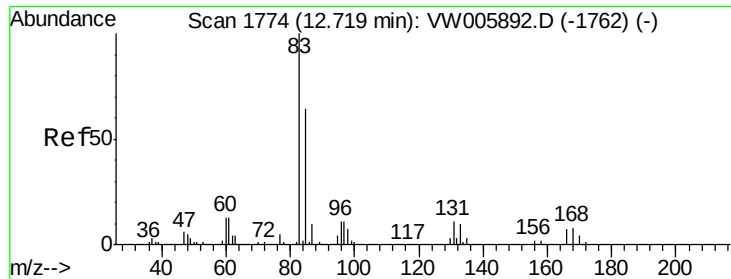
43 100

70 40.7 31.6 47.4

55 21.5 17.9 26.9

61 23.1 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.848 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD01

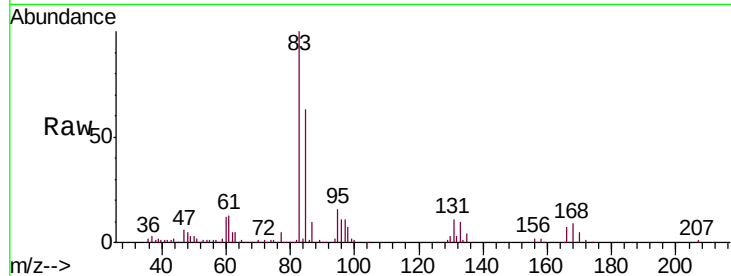
Tgt Ion: 83 Resp: 50787

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.3

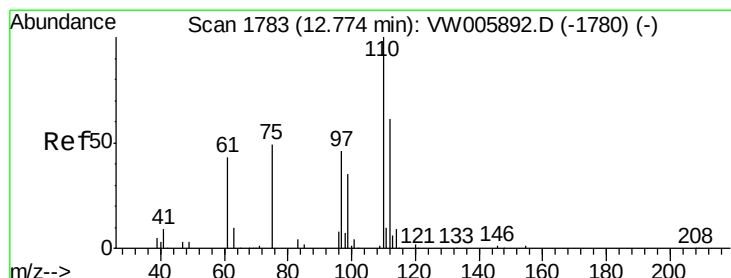
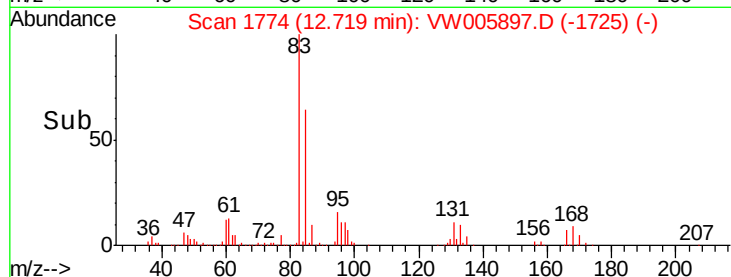
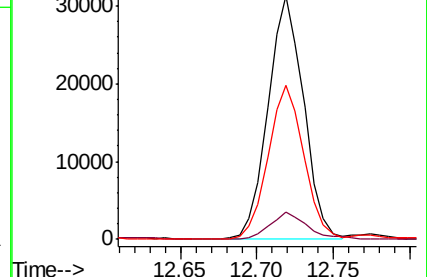
85 63.6 32.4 97.0



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: 34.466 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005897.D

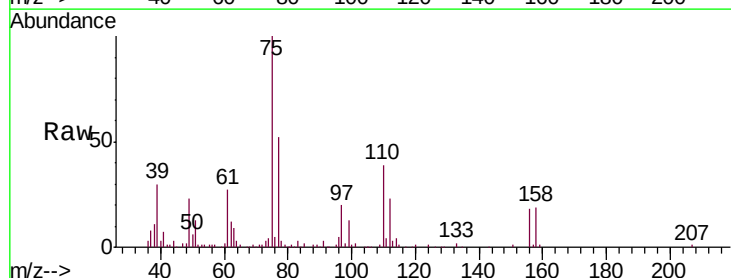
Acq: 08 Oct 2018 15:59

Tgt Ion: 75 Resp: 69305

Ion Ratio Lower Upper

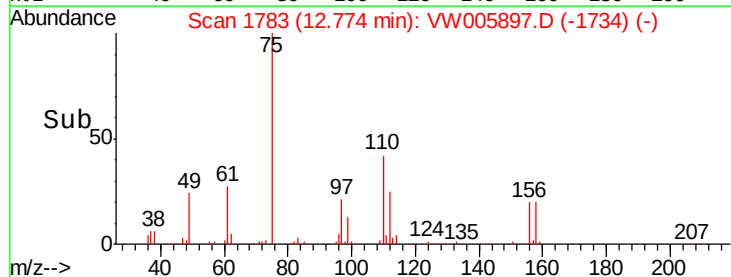
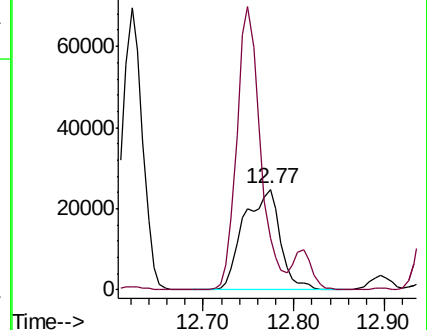
75 100

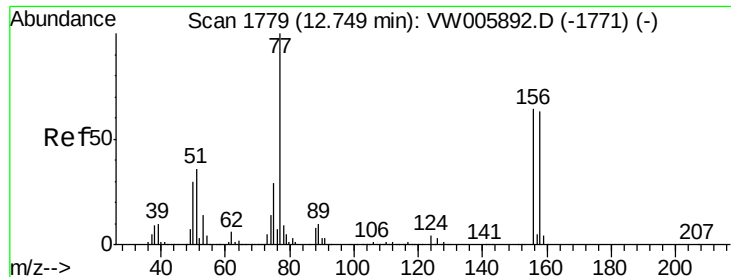
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.268 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD01

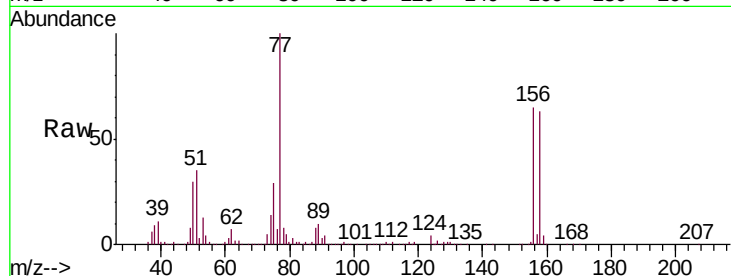
Tgt Ion:156 Resp: 75048

Ion Ratio Lower Upper

156 100

77 168.8 85.8 257.4

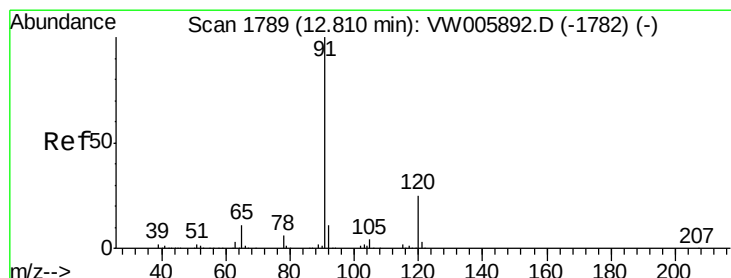
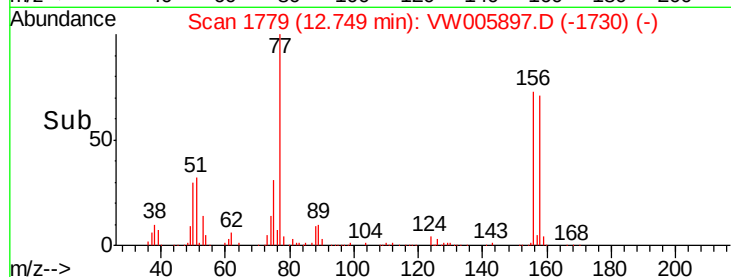
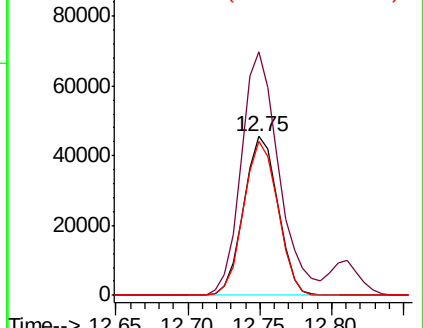
158 96.6 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.859 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005897.D

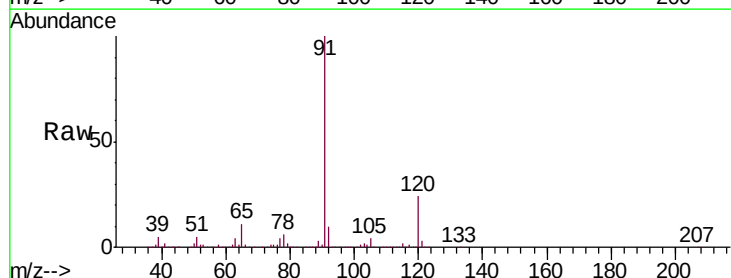
Acq: 08 Oct 2018 15:59

Tgt Ion: 91 Resp: 364711

Ion Ratio Lower Upper

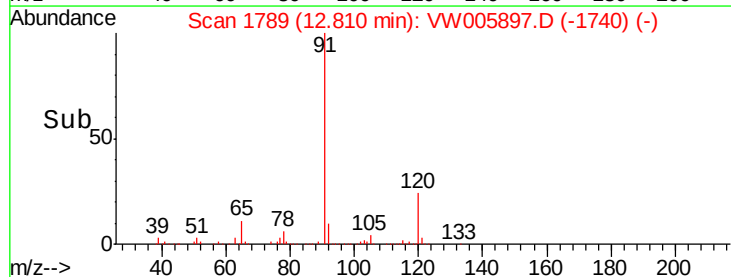
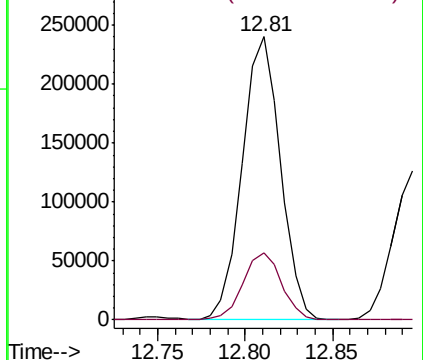
91 100

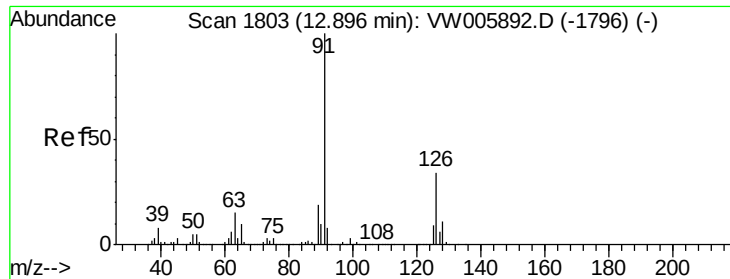
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.693 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

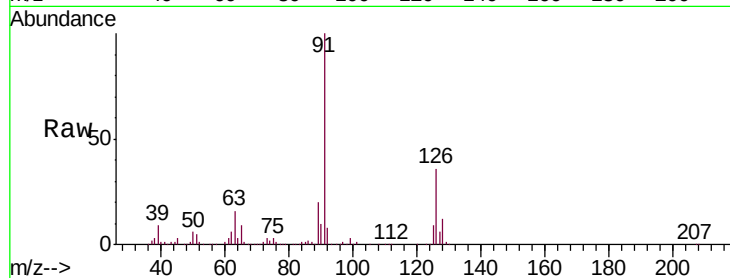
VW1008SBSD01

Tgt Ion: 91 Resp: 204074

Ion Ratio Lower Upper

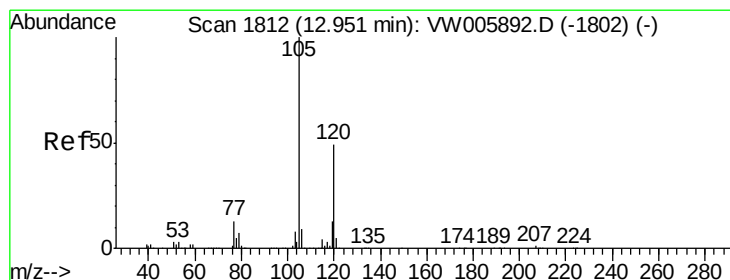
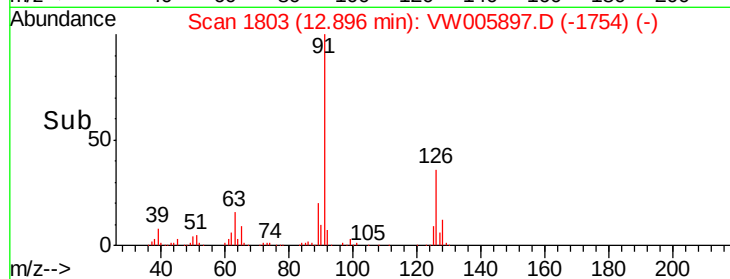
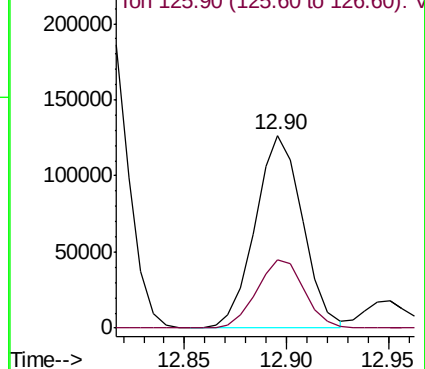
91 100

126 35.9 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.710 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005897.D

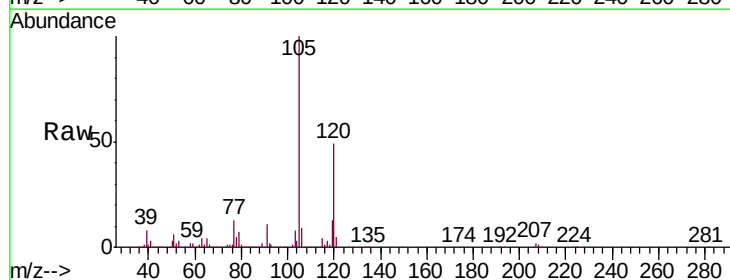
Acq: 08 Oct 2018 15:59

Tgt Ion: 105 Resp: 259683

Ion Ratio Lower Upper

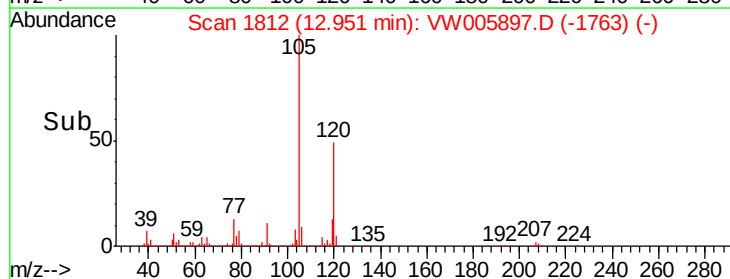
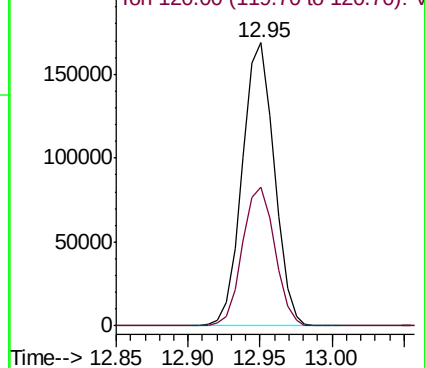
105 100

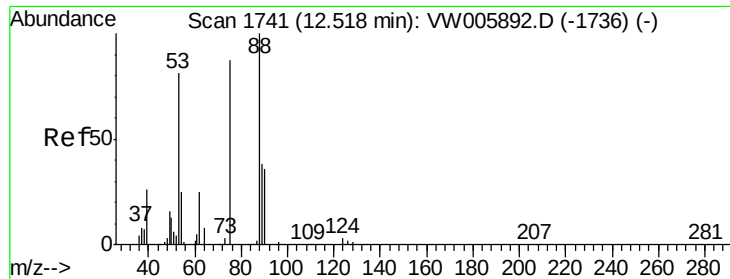
120 49.8 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

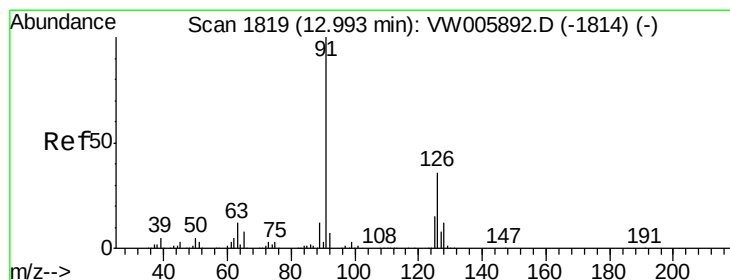
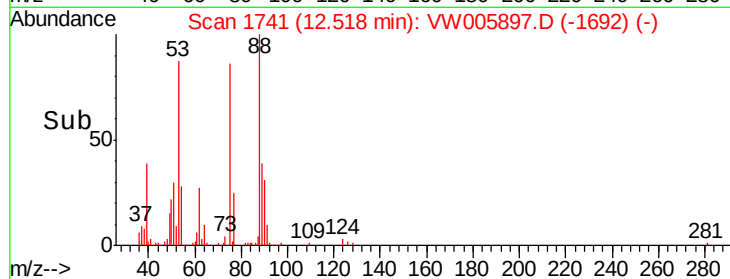
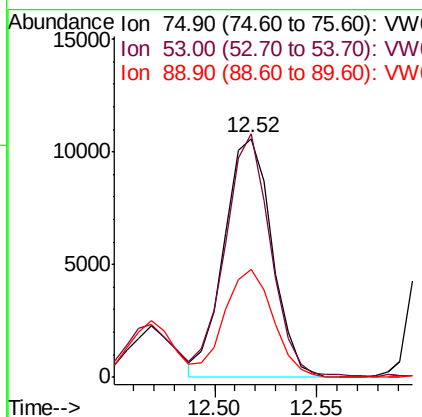
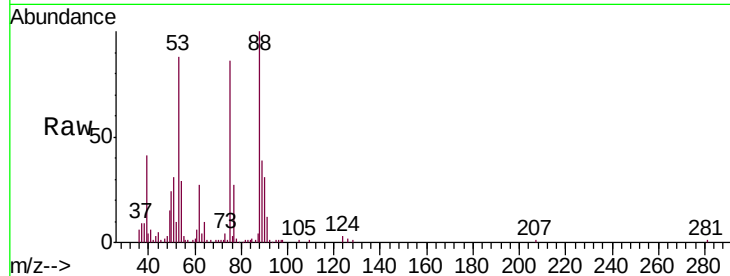




#81
trans-1,4-Dichloro-2-butene
Concen: 18.096 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

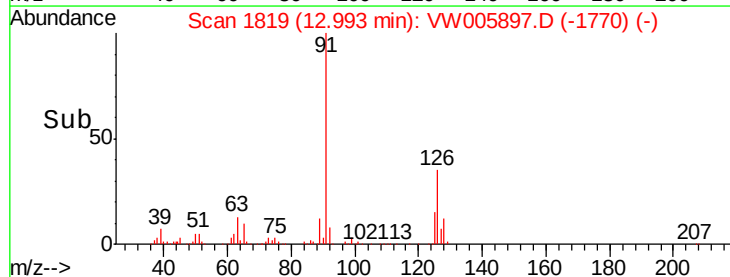
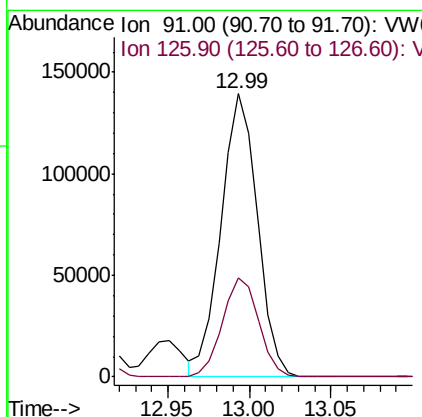
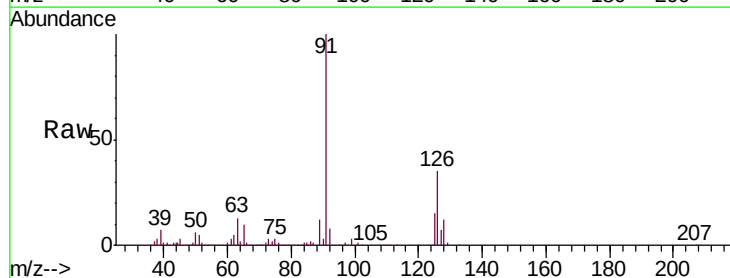
Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD01

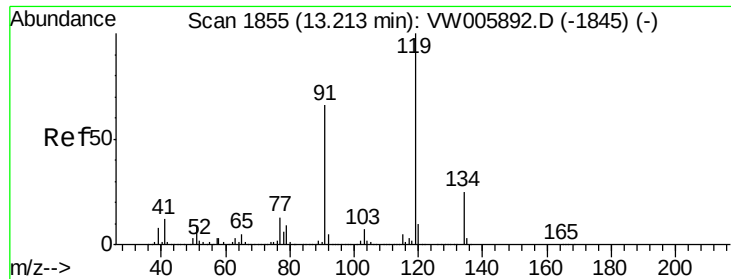
Tgt Ion: 75 Resp: 17236
Ion Ratio Lower Upper
75 100
53 97.1 76.5 114.7
89 46.4 37.6 56.4



#82
4-Chlorotoluene
Concen: 18.790 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Tgt Ion: 91 Resp: 215825
Ion Ratio Lower Upper
91 100
126 35.2 17.4 52.2





#83

tert-Butylbenzene

Concen: 18.977 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD01

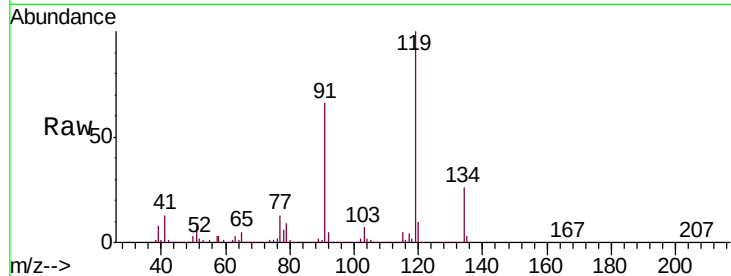
Tgt Ion:119 Resp: 234274

Ion Ratio Lower Upper

119 100

91 64.3 32.4 97.0

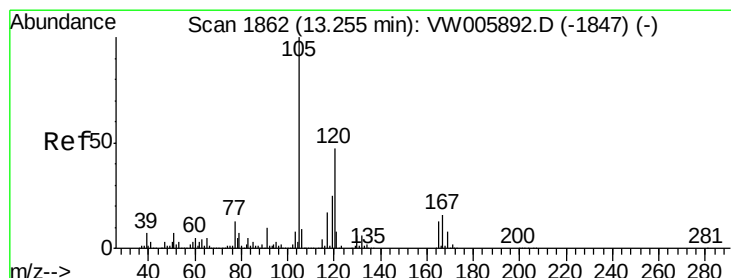
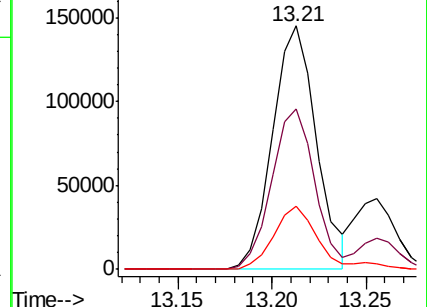
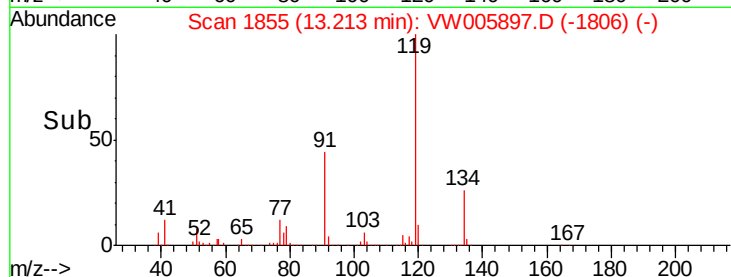
134 26.9 13.2 39.6



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: 19.056 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW005897.D

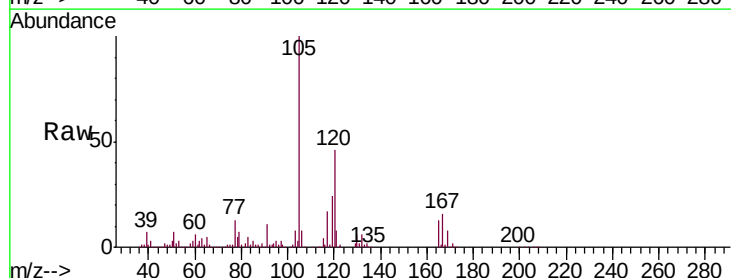
Acq: 08 Oct 2018 15:59

Tgt Ion:105 Resp: 266793

Ion Ratio Lower Upper

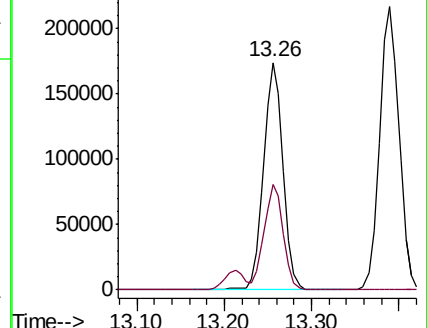
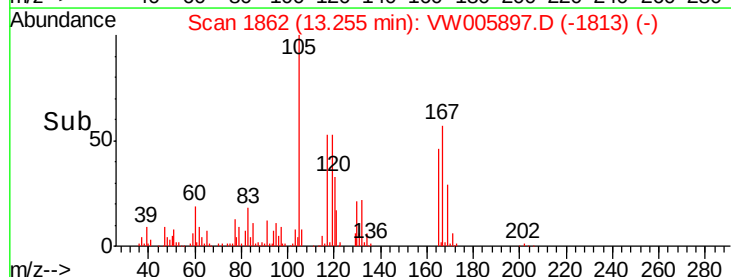
105 100

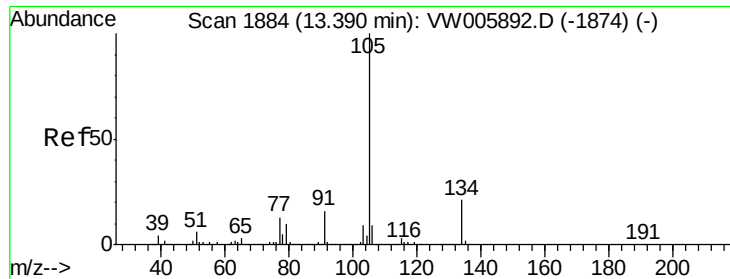
120 45.5 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

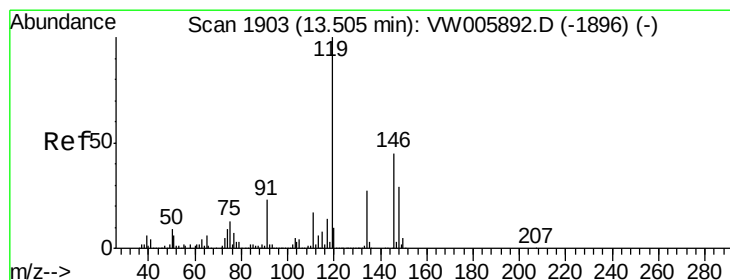
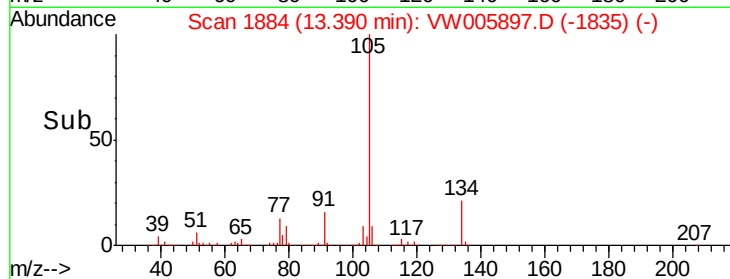
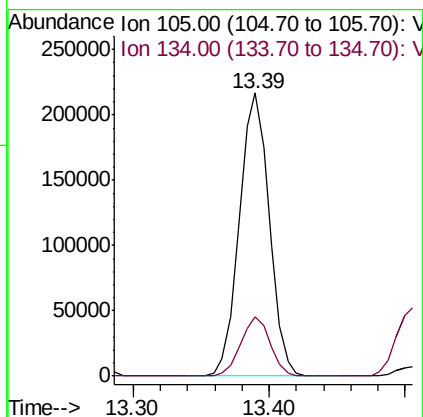
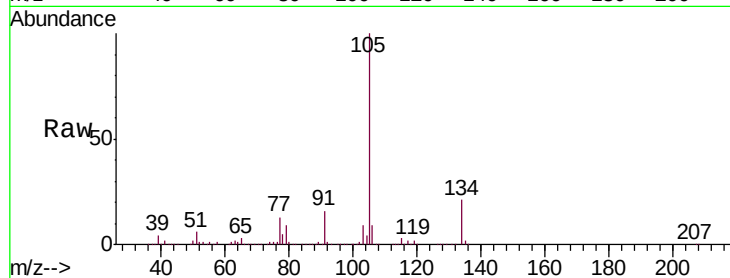




#85
 sec-Butylbenzene
 Concen: 19.183 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

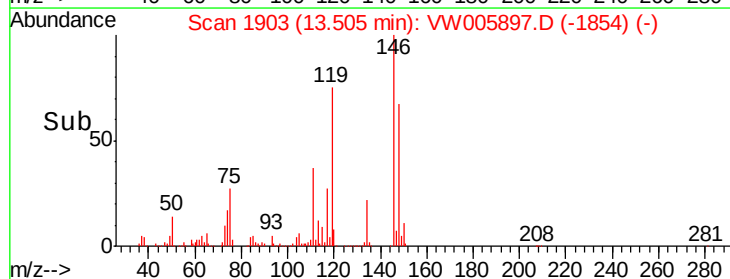
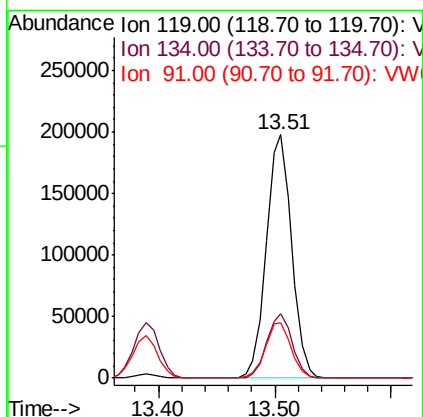
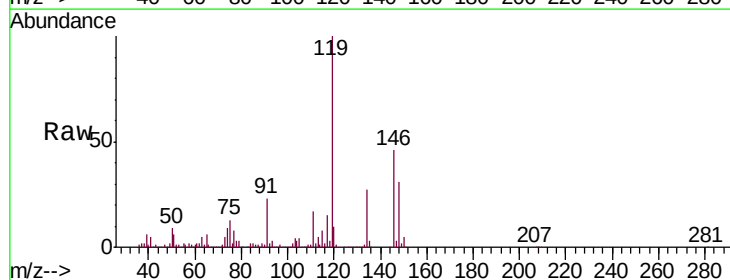
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBSD01

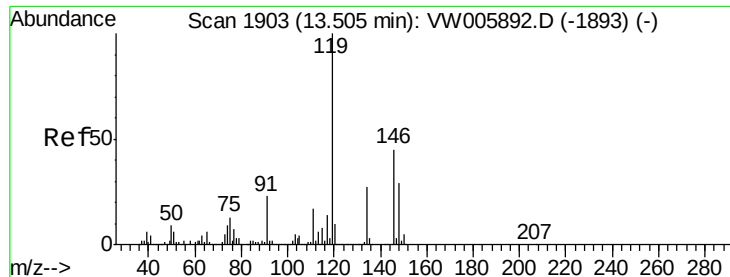
Tgt Ion:105 Resp: 332403
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 19.103 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Tgt Ion:119 Resp: 297682
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.5 40.5
 91 23.2 11.9 35.5

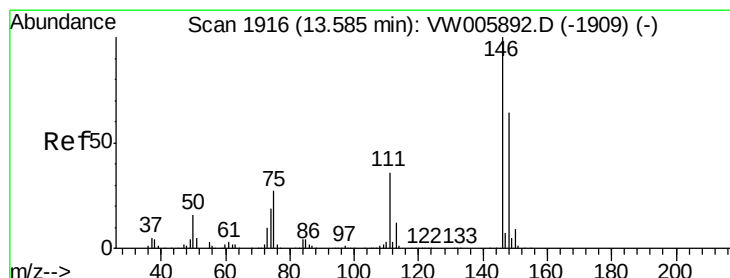
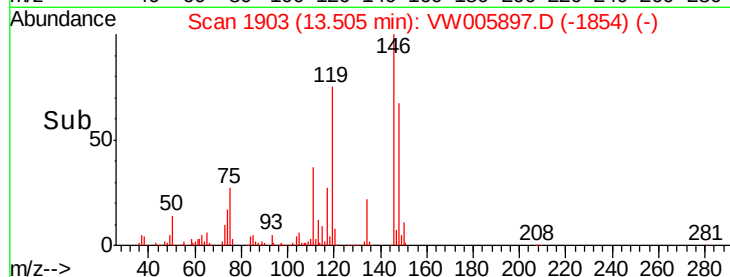
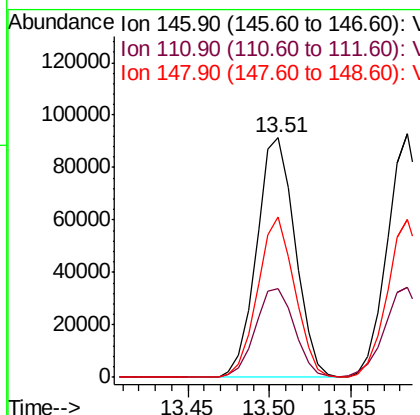
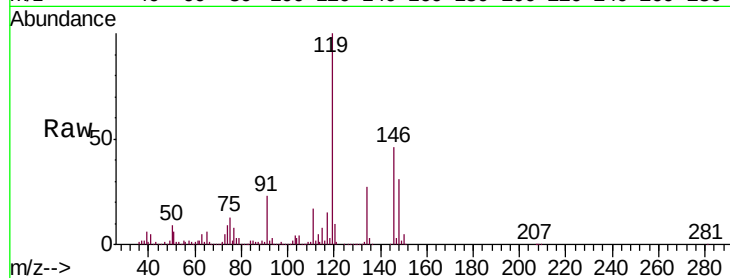




#87
 1,3-Dichlorobenzene
 Concen: 19.261 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

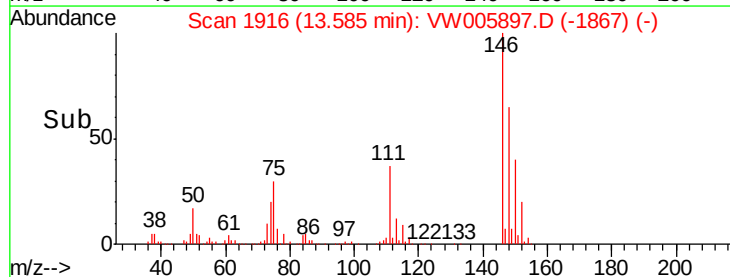
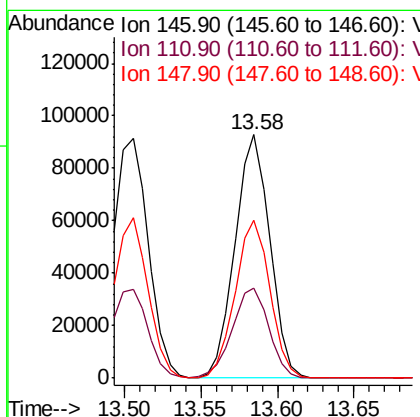
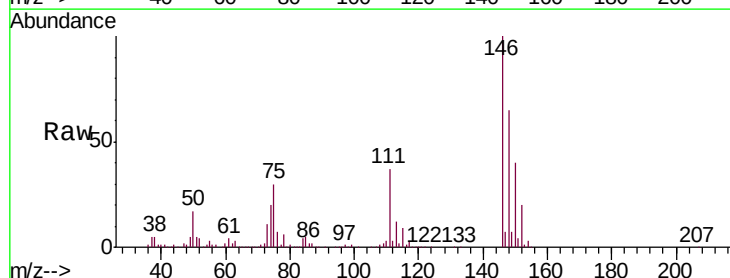
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBSD01

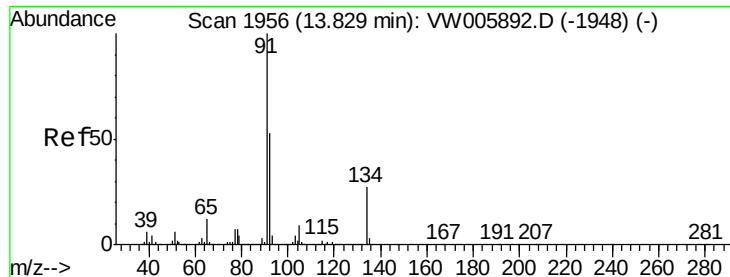
Tgt Ion:146 Resp: 149046
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.5 58.5
 148 64.5 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.125 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Tgt Ion:146 Resp: 147062
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.0 57.0
 148 64.8 32.0 96.2





#89

n-Butylbenzene

Concen: 19.146 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW005897.D

Acq: 08 Oct 2018 15:59

Instrument :

MSVOA_W

ClientSampleId :

VW1008SBSD01

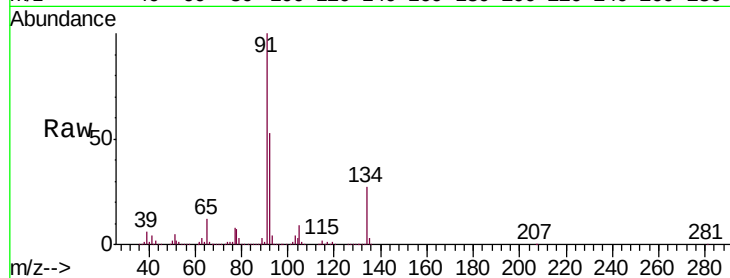
Tgt Ion: 91 Resp: 281230

Ion Ratio Lower Upper

91 100

92 52.7 26.6 79.8

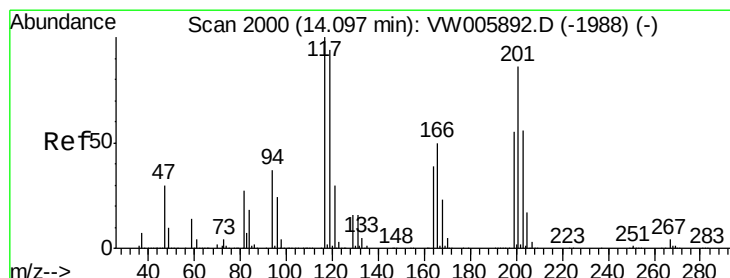
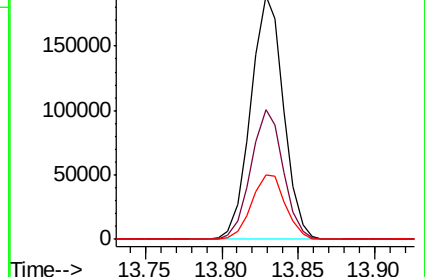
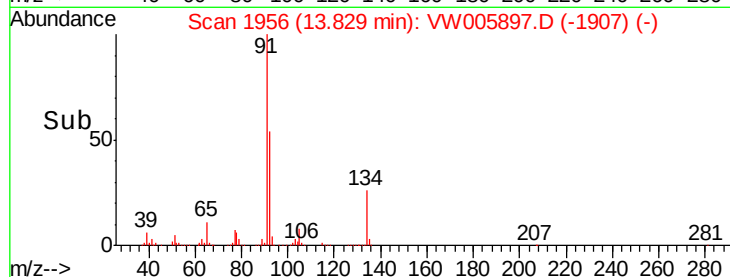
134 27.3 13.8 41.4



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: 18.485 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW005897.D

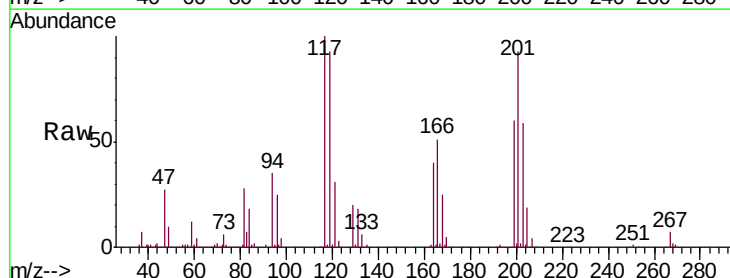
Acq: 08 Oct 2018 15:59

Tgt Ion: 117 Resp: 54176

Ion Ratio Lower Upper

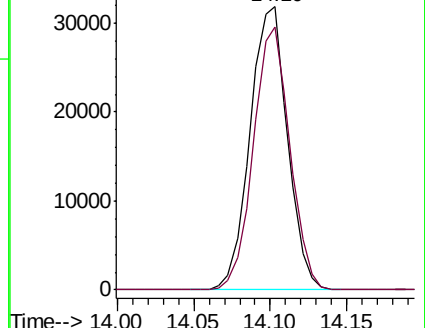
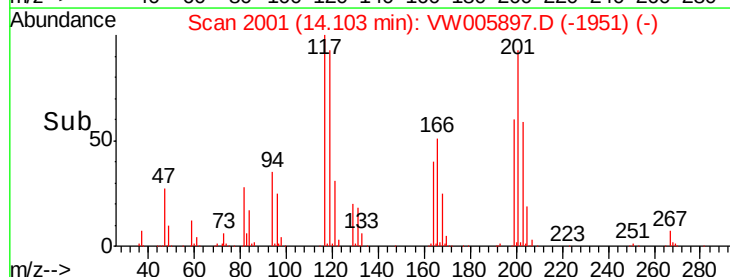
117 100

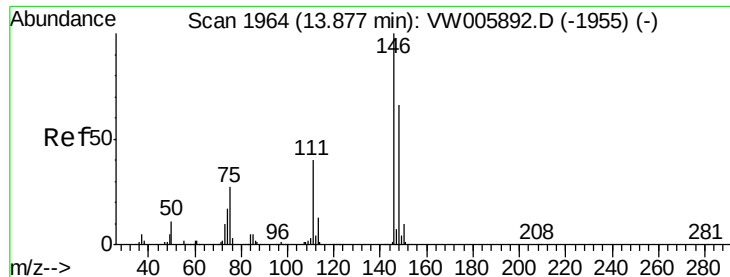
201 90.5 44.5 133.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

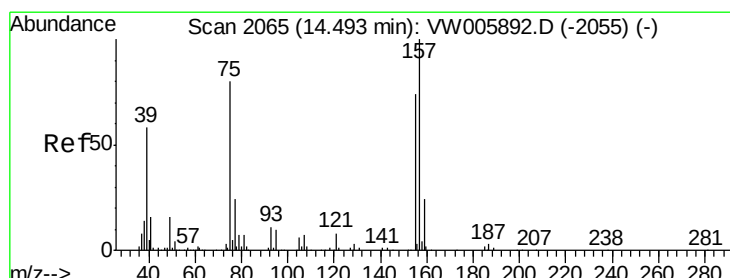
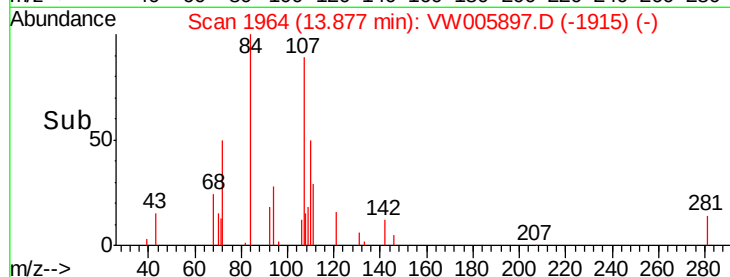
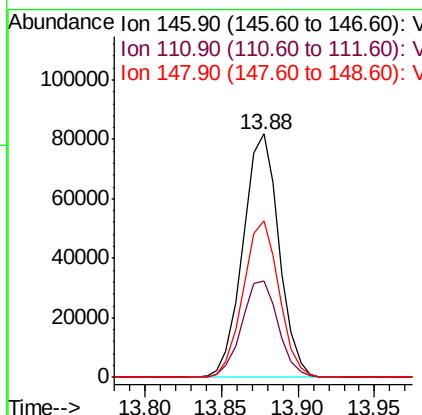
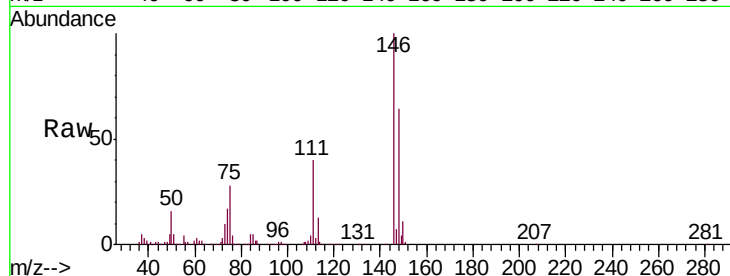




#91
 1,2-Dichlorobenzene
 Concen: 19.460 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

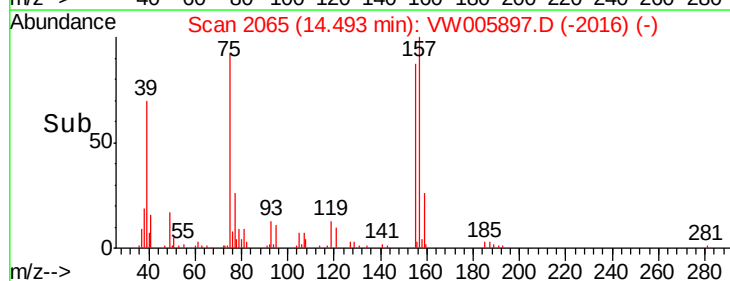
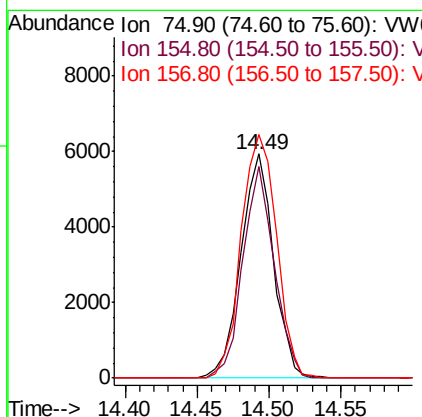
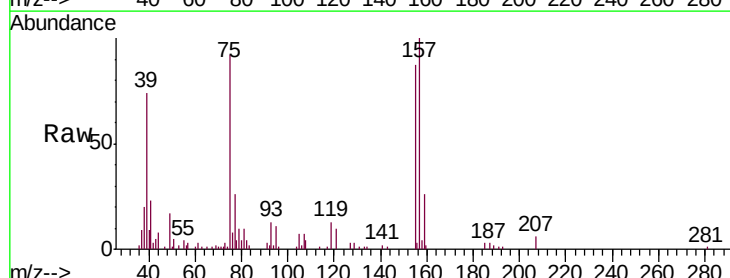
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBS01

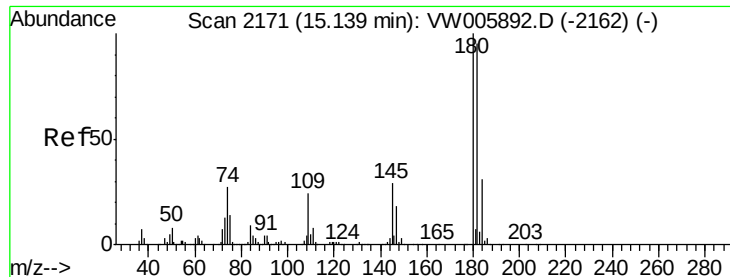
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.3	61.0
148	64.0	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.573 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.6	44.8	134.3
157	117.2	58.9	176.6

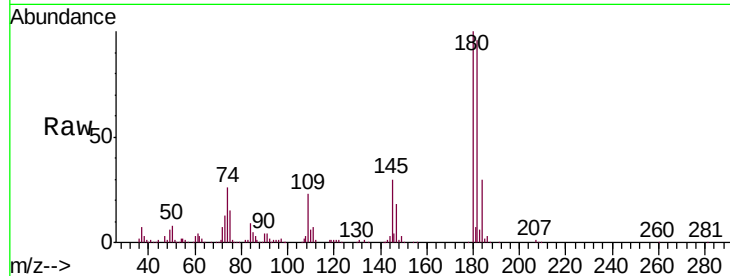




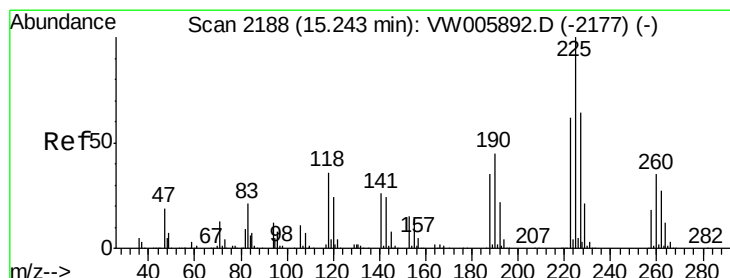
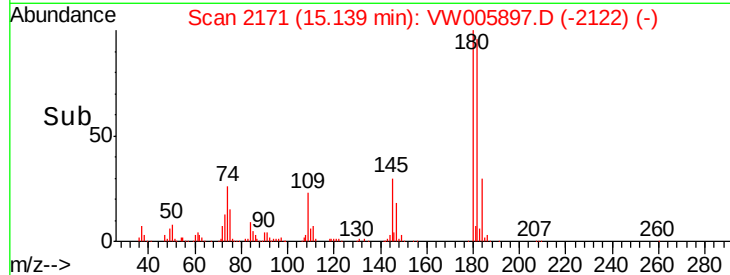
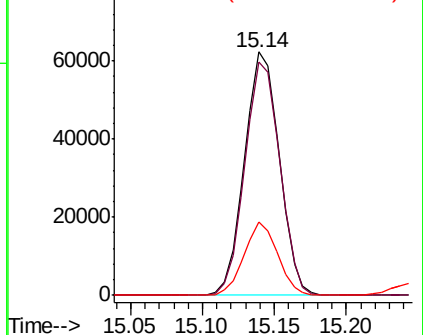
#93
 1,2,4-Trichlorobenzene
 Concen: 19.551 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1008SBSD01

Tgt Ion:180 Resp: 104145
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.8 143.3
 145 29.0 14.5 43.6

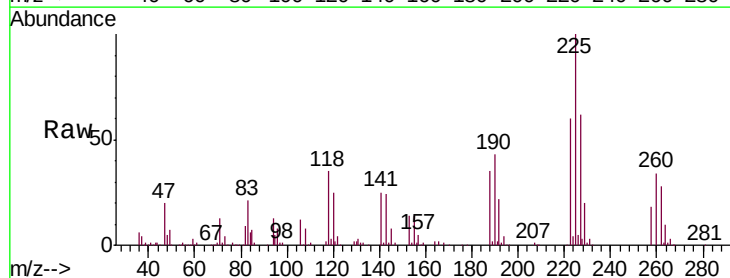


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

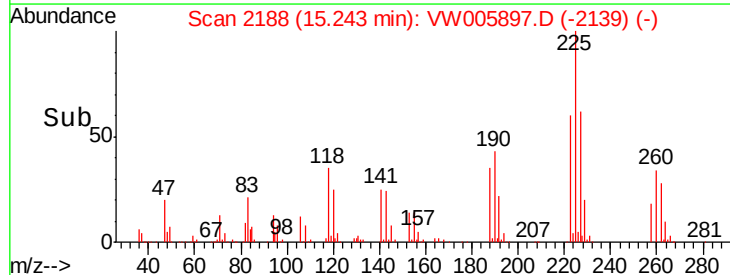
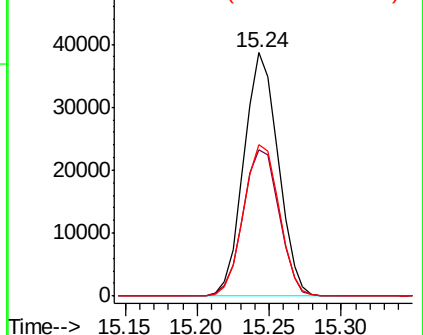


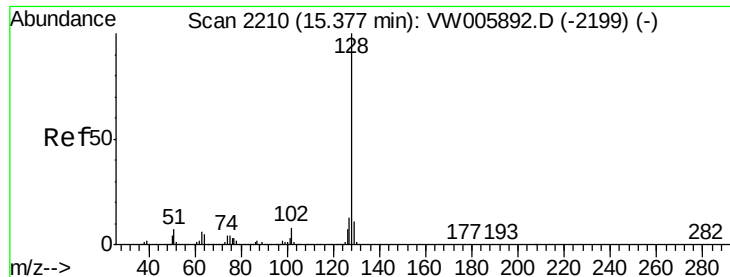
#94
 Hexachlorobutadiene
 Concen: 19.220 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005897.D
 Acq: 08 Oct 2018 15:59

Tgt Ion:225 Resp: 63906
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.2 93.6
 227 64.2 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

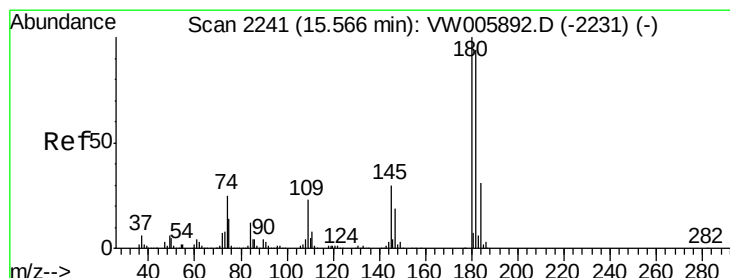
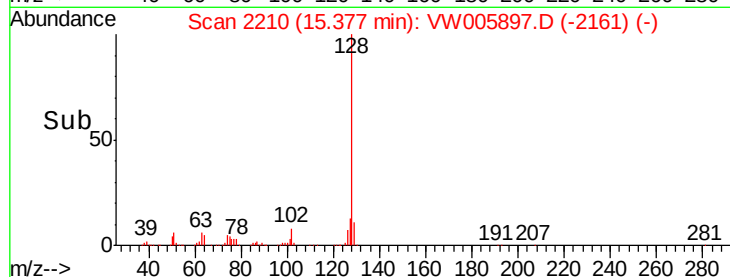
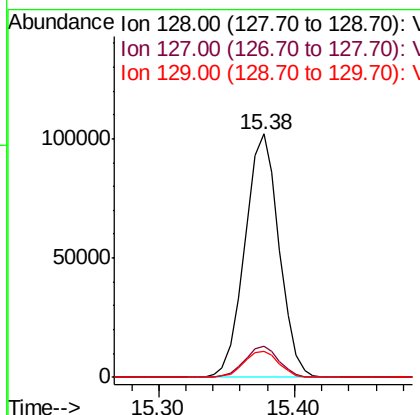
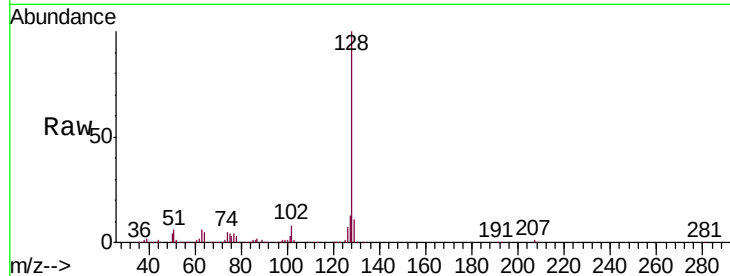




#95
Naphthalene
Concen: 19.510 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Instrument :
MSVOA_W
ClientSampleId :
VW1008SBSD01

Tgt Ion:128 Resp: 179134
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.329 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005897.D
Acq: 08 Oct 2018 15:59

Tgt Ion:180 Resp: 89155
Ion Ratio Lower Upper
180 100
182 97.0 47.6 142.8
145 30.9 15.3 45.9

