

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102518\
 Data File : VW006334.D
 Acq On : 25 Oct 2018 00:10
 Operator : SY/AP
 Sample : VW1024SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBSD01

Quant Time: Oct 25 06:09:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	226920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	328336	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	166341	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	92559	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	
35) Dibromofluoromethane	7.88	113	95458	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	
50) Toluene-d8	10.33	98	352647	47.78	ug/l	0.00
Spiked Amount			Recovery	=	95.56%	
62) 4-Bromofluorobenzene	12.62	95	134086	48.37	ug/l	0.00
Spiked Amount			Recovery	=	96.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	18466	16.445	ug/l	90
3) Chloromethane	2.21	50	27613	19.103	ug/l	99
4) Vinyl Chloride	2.37	62	42152	20.420	ug/l	98
5) Bromomethane	2.78	94	39207	20.882	ug/l	97
6) Chloroethane	2.93	64	32164	21.742	ug/l	95
7) Trichlorofluoromethane	3.26	101	38962	20.261	ug/l	99
8) Diethyl Ether	3.68	74	22049	21.574	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43334	21.503	ug/l	98
10) Methyl Iodide	4.26	142	70940	21.149	ug/l	99
11) Tert butyl alcohol	5.24	59	13062	103.236	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	39945	21.068	ug/l	96
13) Acrolein	3.90	56	12704	103.765	ug/l	99
14) Allyl chloride	4.67	41	54051	19.938	ug/l	99
15) Acrylonitrile	5.38	53	41415	112.981	ug/l	99
16) Acetone	4.14	43	38075	98.933	ug/l	100
17) Carbon Disulfide	4.37	76	103166	18.029	ug/l	99
18) Methyl Acetate	4.68	43	21877	23.108	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	61280	21.220	ug/l	99
20) Methylene Chloride	4.92	84	45612	22.002	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	46491	21.968	ug/l	97
22) Diisopropyl ether	6.31	45	115960	21.645	ug/l	97
23) Vinyl Acetate	6.26	43	324569	102.659	ug/l	99
24) 1,1-Dichloroethane	6.21	63	77897	22.534	ug/l	98
25) 2-Butanone	7.18	43	55006	108.231	ug/l	96
26) 2,2-Dichloropropane	7.17	77	46130	18.921	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	52571	22.510	ug/l	99
28) Bromochloromethane	7.51	49	25381	19.018	ug/l	95
29) Tetrahydrofuran	7.54	42	33512	107.274	ug/l	97
30) Chloroform	7.68	83	84410	22.412	ug/l	99
31) Cyclohexane	7.95	56	68920	20.020	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	71471	21.037	ug/l	99
36) 1,1-Dichloropropene	8.08	75	66096	21.840	ug/l	100
37) Ethyl Acetate	7.26	43	24200	21.523	ug/l	99
38) Carbon Tetrachloride	8.07	117	66217	19.959	ug/l	98

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 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VW1024SBSD01

Quant Time: Oct 25 06:09:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	82426	20.490	ug/l	98
40) Benzene	8.32	78	184476	22.222	ug/l	100
41) Methacrylonitrile	7.49	41	13561	20.006	ug/l	91
42) 1,2-Dichloroethane	8.40	62	54540	22.362	ug/l	99
43) Isopropyl Acetate	8.43	43	47470	20.648	ug/l	99
44) Trichloroethene	9.09	130	56219	22.074	ug/l	99
45) 1,2-Dichloropropane	9.37	63	43655	21.976	ug/l	95
46) Dibromomethane	9.46	93	24959	22.045	ug/l	99
47) Bromodichloromethane	9.65	83	57787	21.052	ug/l	98
48) Methyl methacrylate	9.44	41	23283	21.365	ug/l	97
49) 1,4-Dioxane	9.49	88	7944	455.769	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	123165	106.925	ug/l	98
52) Toluene	10.39	92	124064	22.292	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	53407	19.528	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	63653	20.279	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	35747	22.562	ug/l	98
56) Ethyl methacrylate	10.65	69	41257	21.241	ug/l	98
57) 1,3-Dichloropropane	10.93	76	58515	22.310	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	81528	109.848	ug/l	99
59) 2-Hexanone	10.98	43	83556	101.618	ug/l	97
60) Dibromochloromethane	11.13	129	39526	20.028	ug/l	100
61) 1,2-Dibromoethane	11.24	107	35274	22.282	ug/l	99
64) Tetrachloroethene	10.87	164	52656	22.957	ug/l	98
65) Chlorobenzene	11.66	112	144009	22.768	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	48085	21.392	ug/l	98
67) Ethyl Benzene	11.74	91	245037	22.355	ug/l	100
68) m/p-Xylenes	11.84	106	192568	44.447	ug/l	99
69) o-Xylene	12.17	106	93055	22.537	ug/l	96
70) Styrene	12.18	104	146996	21.893	ug/l	100
71) Bromoform	12.35	173	24350	19.422	ug/l #	99
73) Isopropylbenzene	12.47	105	255761	21.764	ug/l	99
74) N-amyl acetate	12.28	43	46810	20.509	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	40728	22.787	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	49913	39.286	ug/l #	100
77) Bromobenzene	12.75	156	64323	22.347	ug/l	98
78) n-propylbenzene	12.81	91	301424	22.047	ug/l	100
79) 2-Chlorotoluene	12.90	91	168682	21.959	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	216160	21.819	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	9411	17.706	ug/l	91
82) 4-Chlorotoluene	12.99	91	178264	22.153	ug/l	99
83) tert-Butylbenzene	13.21	119	193489	21.830	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	220785	22.024	ug/l	100
85) sec-Butylbenzene	13.39	105	276098	22.049	ug/l	100
86) p-Isopropyltoluene	13.51	119	249394	22.019	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	127357	22.233	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	126792	22.230	ug/l	99
89) n-Butylbenzene	13.83	91	226981	21.913	ug/l	99
90) Hexachloroethane	14.10	117	37788	19.697	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	113908	22.293	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6478	20.243	ug/l	99

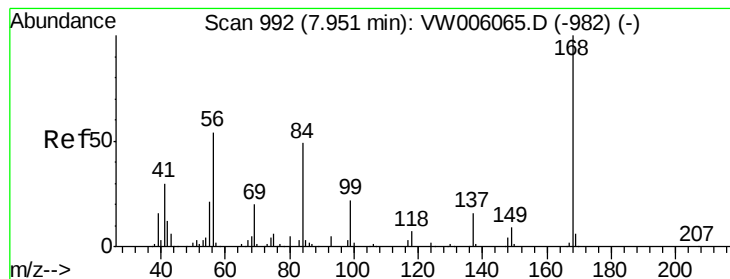
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102518\
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Acq On : 25 Oct 2018 00:10
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Instrument :
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ClientSampleId :
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Quant Time: Oct 25 06:09:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	95672	24.334	ug/l	100
94) Hexachlorobutadiene	15.24	225	54403	22.027	ug/l	98
95) Naphthalene	15.38	128	143455	21.934	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	78118	22.972	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

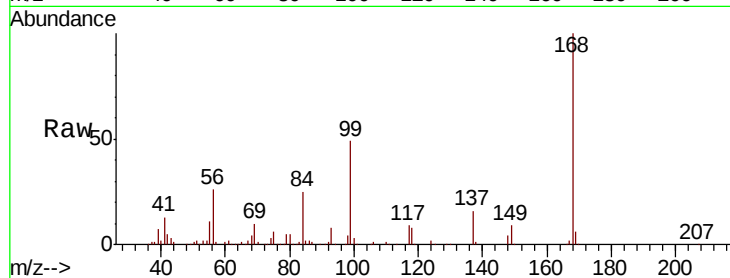
VW1024SBSD01

Tot Ion:168 Resp: 226920

Ion Ratio Lower Upper

168 100

99 48.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

40000

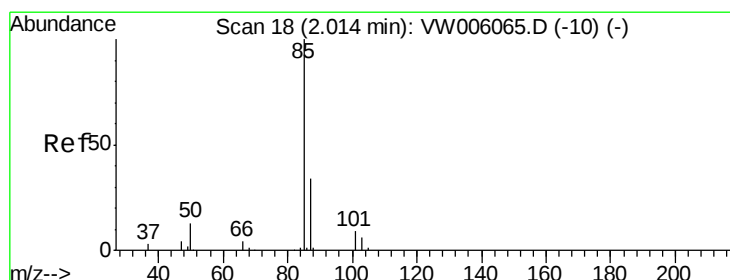
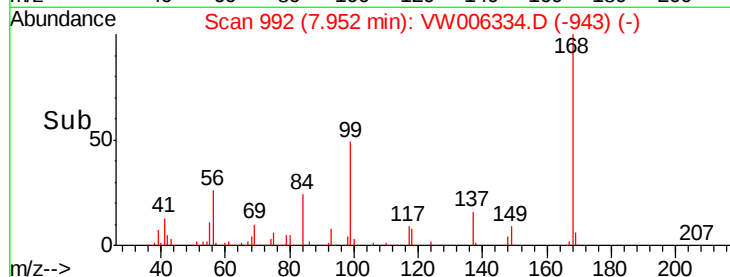
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 16.445 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW006334.D

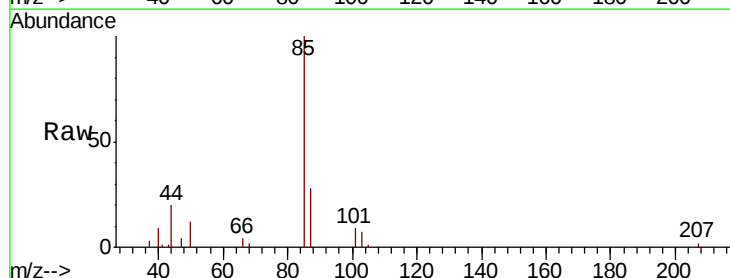
Acq: 25 Oct 2018 00:10

Tgt Ion: 85 Resp: 18466

Ion Ratio Lower Upper

85 100

87 27.7 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

5000

4000

3000

2000

1000

0

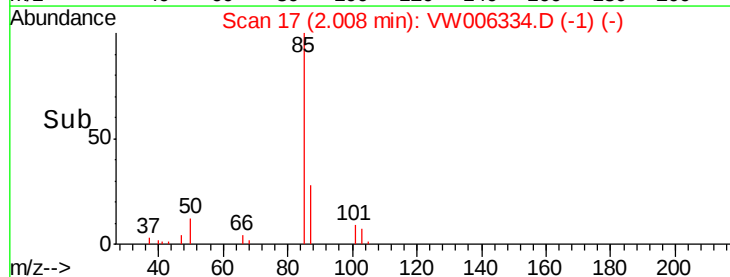
1.90

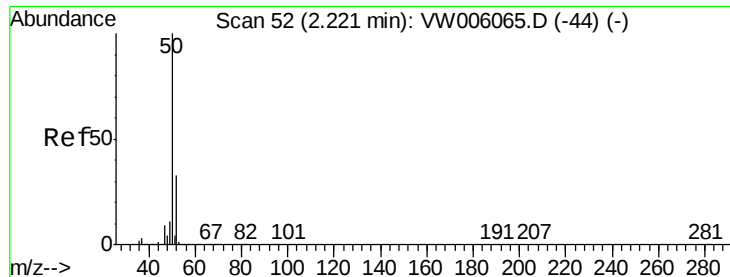
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 19.103 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

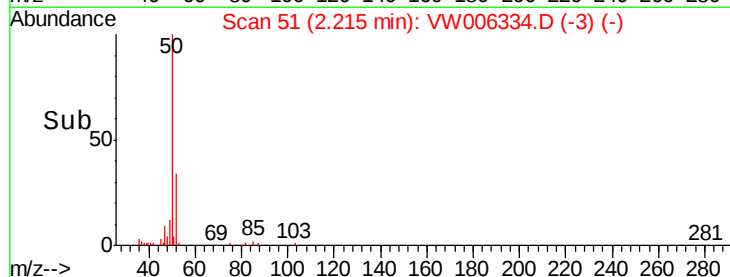
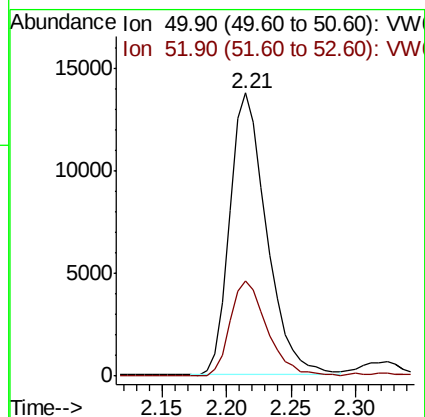
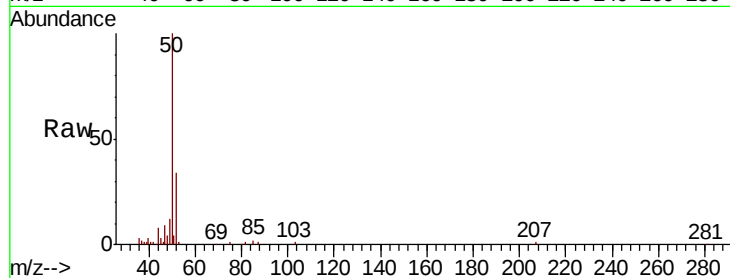
VW1024SBSD01

Tot Ion: 50 Resp: 27613

Ion Ratio Lower Upper

50 100

52 33.9 26.8 40.2



#4

Vinyl Chloride

Concen: 20.420 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006334.D

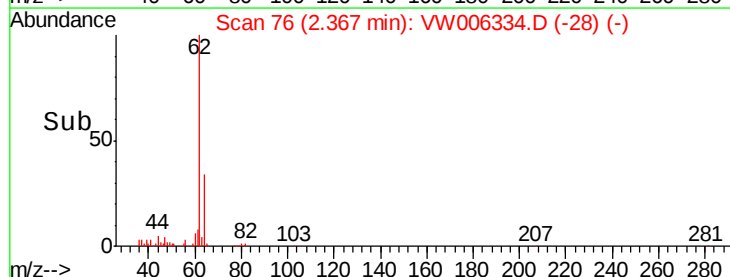
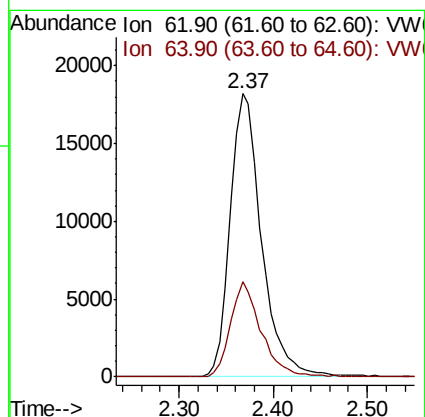
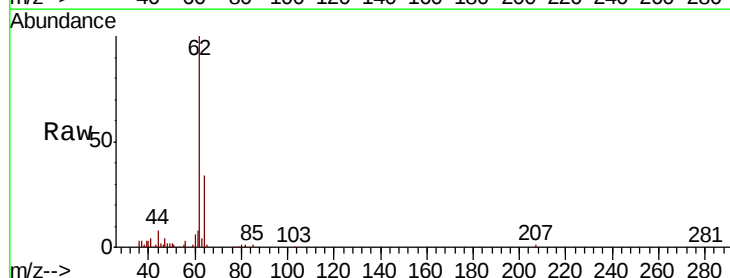
Acq: 25 Oct 2018 00:10

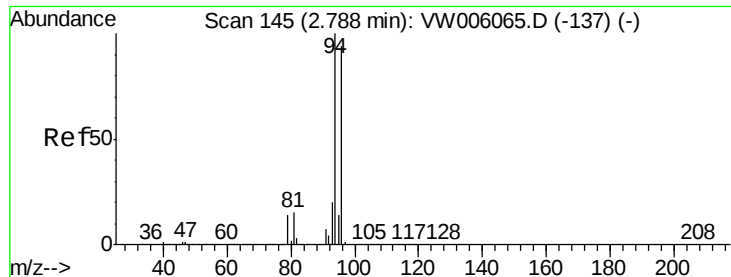
Tgt Ion: 62 Resp: 42152

Ion Ratio Lower Upper

62 100

64 33.7 25.9 38.9





#5

Bromomethane

Concen: 20.882 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

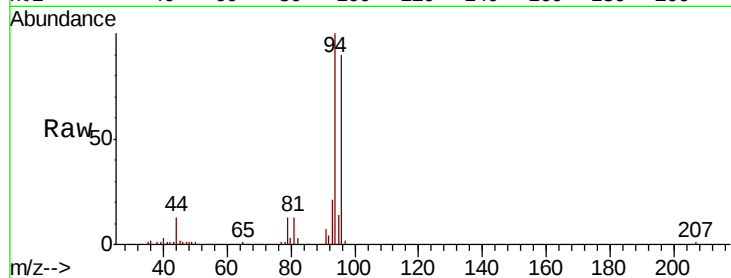
VW1024SBSD01

Tot Ion: 94 Resp: 39207

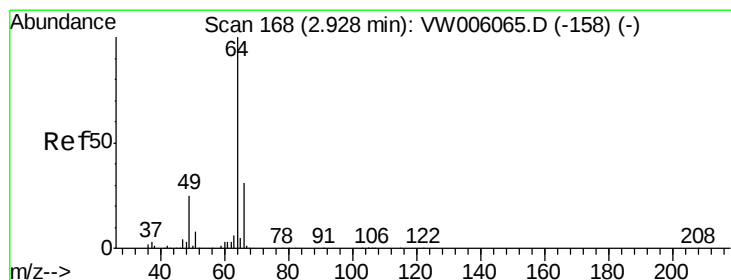
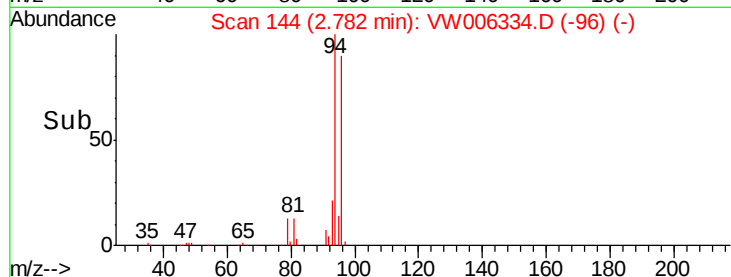
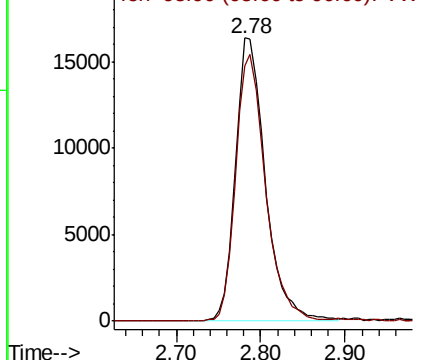
Ion Ratio Lower Upper

94 100

96 90.3 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VW
Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 21.742 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006334.D

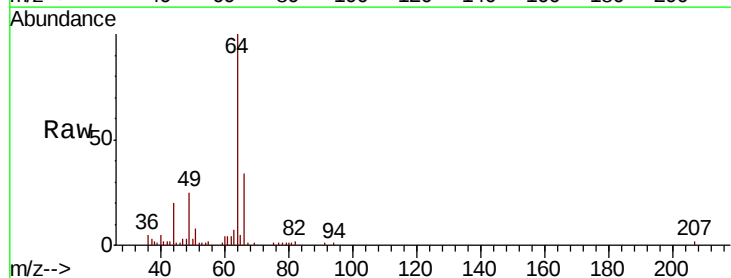
Acq: 25 Oct 2018 00:10

Tgt Ion: 64 Resp: 32164

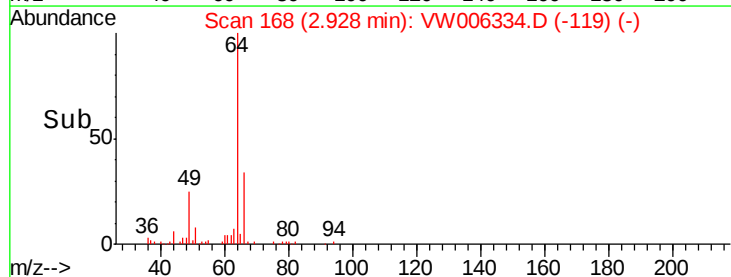
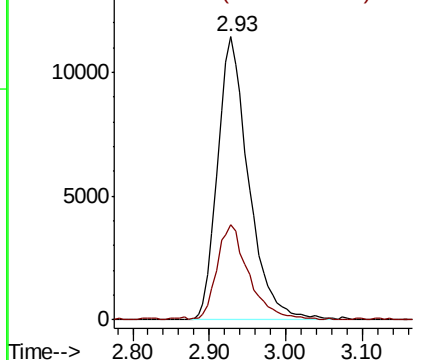
Ion Ratio Lower Upper

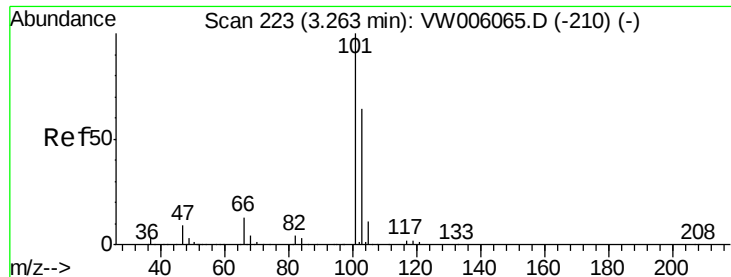
64 100

66 33.8 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VW
Ion 65.90 (65.60 to 66.60): VW



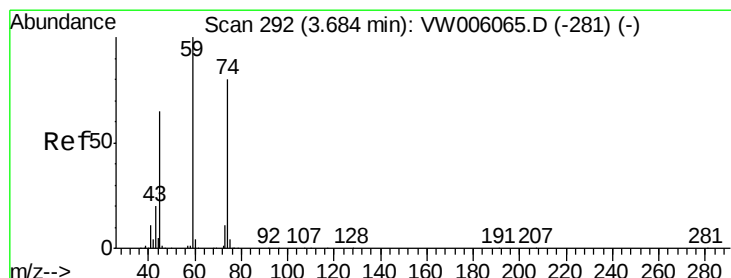
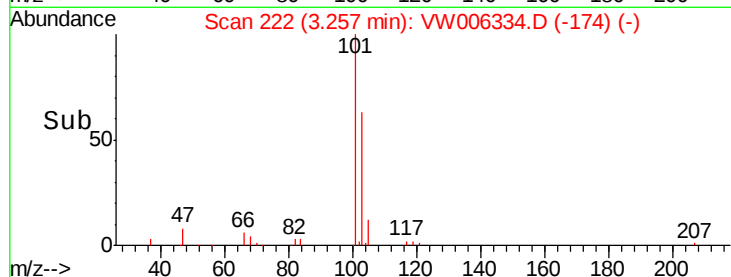
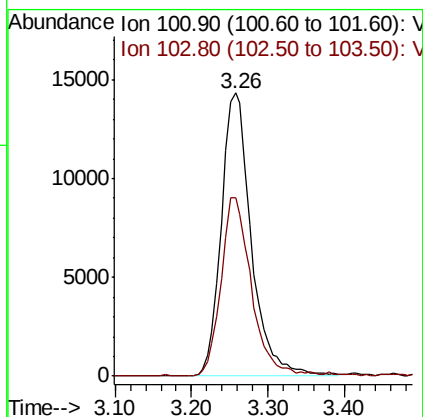
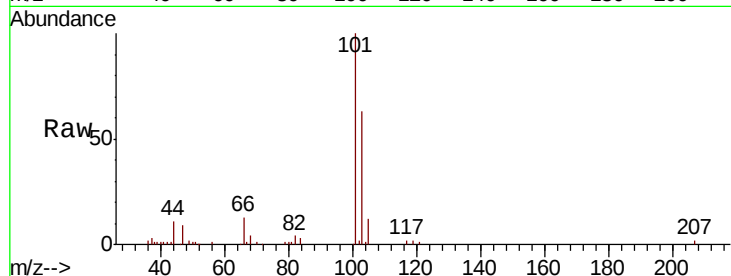


#7

Trichlorofluoromethane
Concen: 20.261 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Instrument :
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ClientSampleId :
VW1024SBSD01

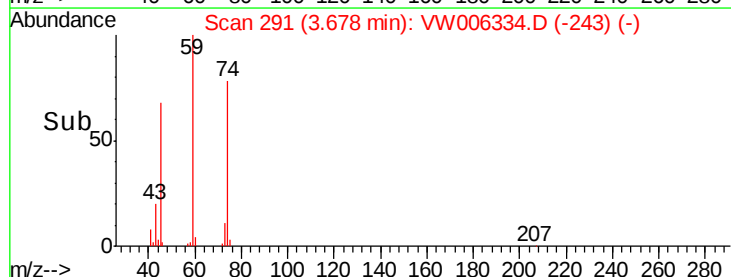
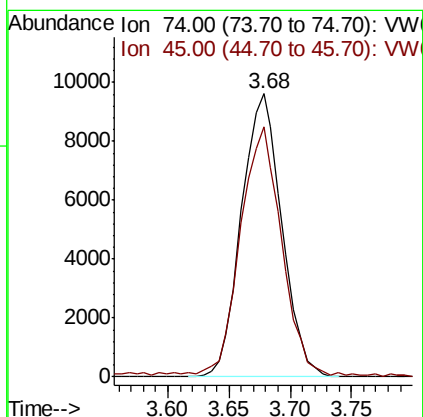
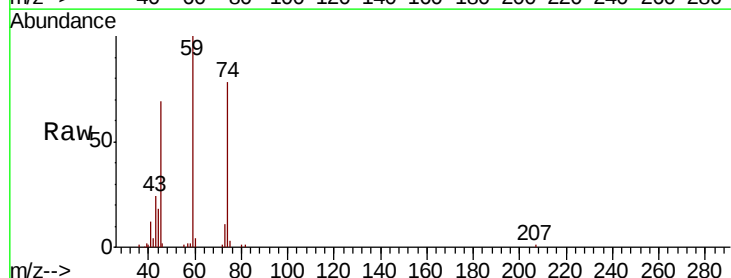
Tot Ion:101 Resp: 38962
Ion Ratio Lower Upper
101 100
103 63.1 51.2 76.8



#8

Diethyl Ether
Concen: 21.574 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion: 74 Resp: 22049
Ion Ratio Lower Upper
74 100
45 91.6 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.503 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBSD01

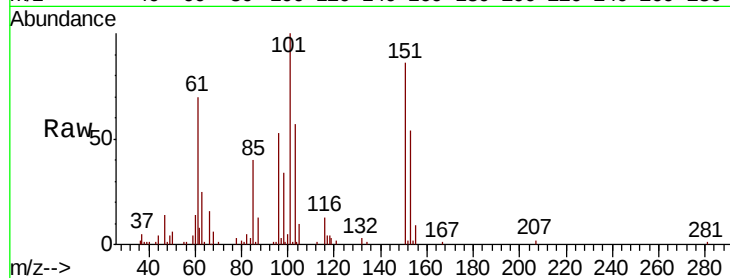
Tot Ion:101 Resp: 43334

Ion Ratio Lower Upper

101 100

85 42.4 34.9 52.3

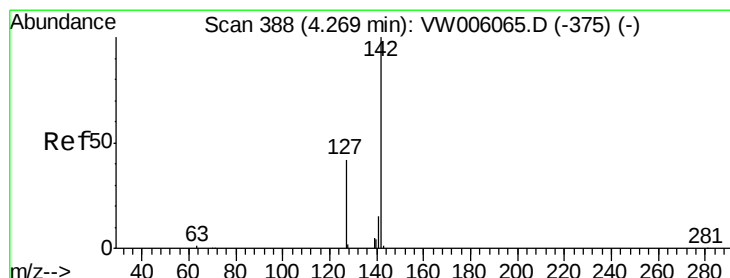
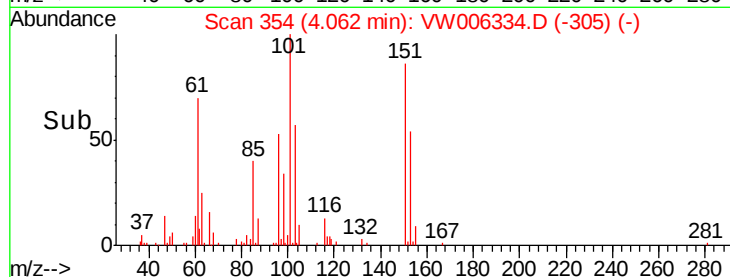
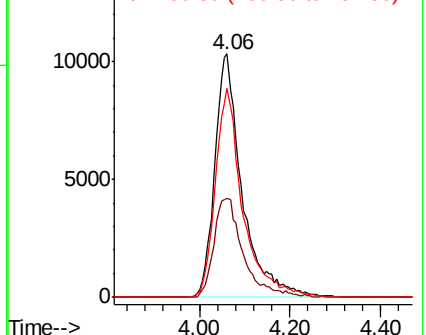
151 85.8 70.4 105.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.149 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

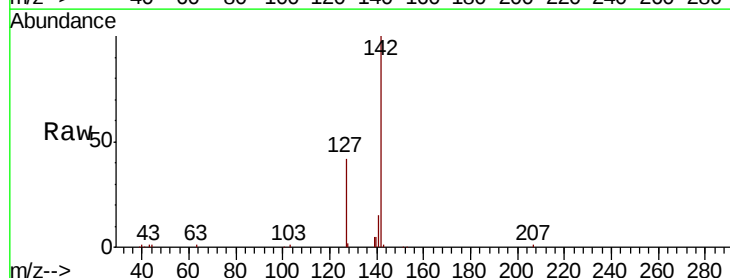
Tgt Ion:142 Resp: 70940

Ion Ratio Lower Upper

142 100

127 41.3 33.6 50.4

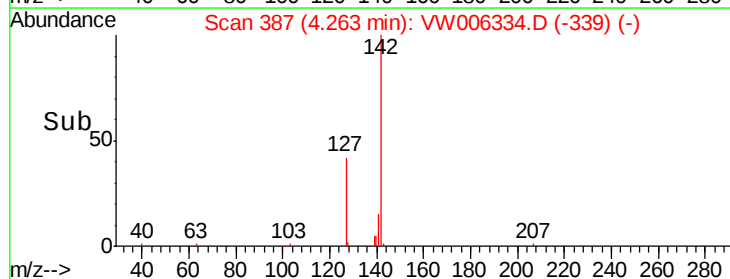
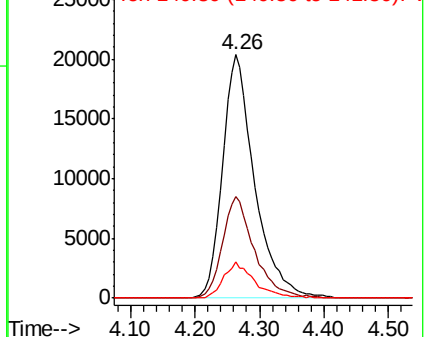
141 14.4 11.6 17.4

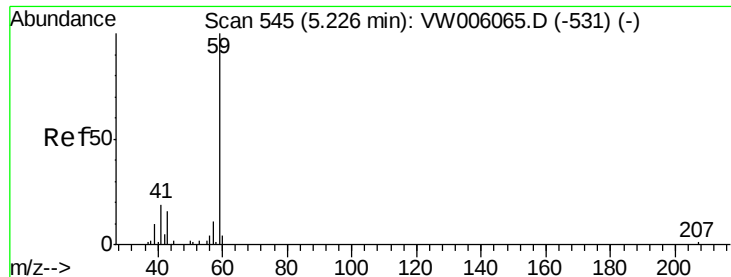


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



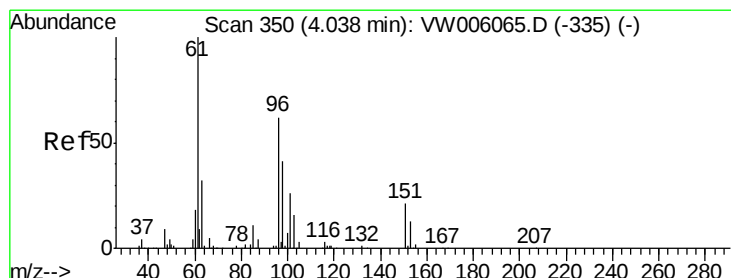
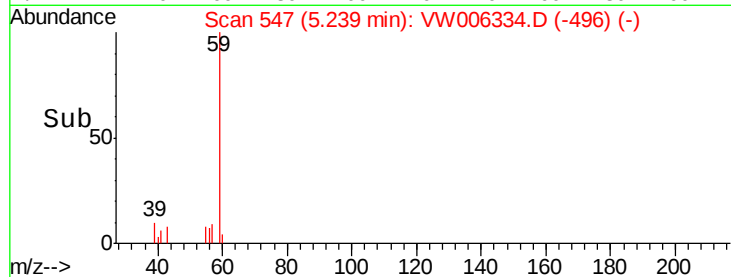
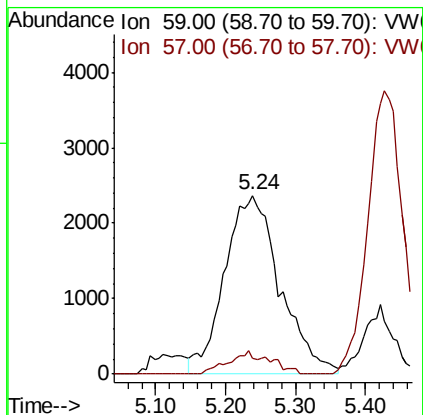
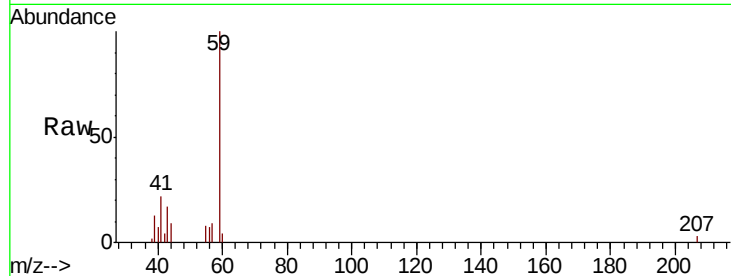


#11

Tert butyl alcohol
 Concen: 103.236 ug/l
 RT: 5.24 min Scan# 547
 Delta R.T. 0.01 min
 Lab File: VW006334.D
 Acq: 25 Oct 2018 00:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBS01

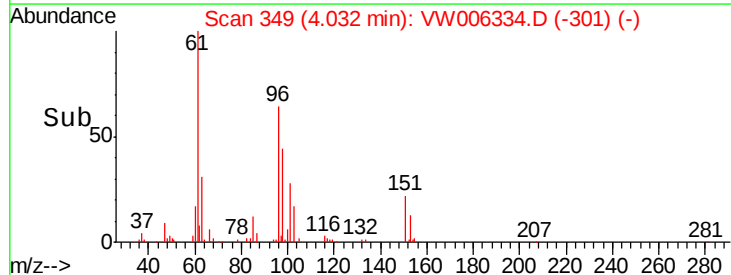
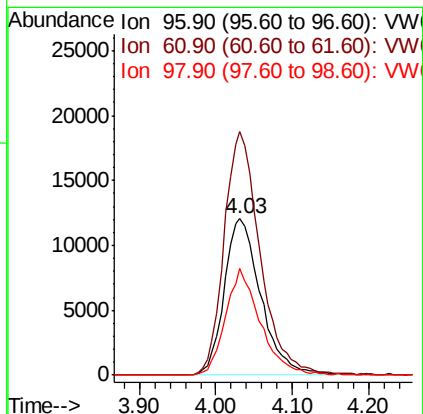
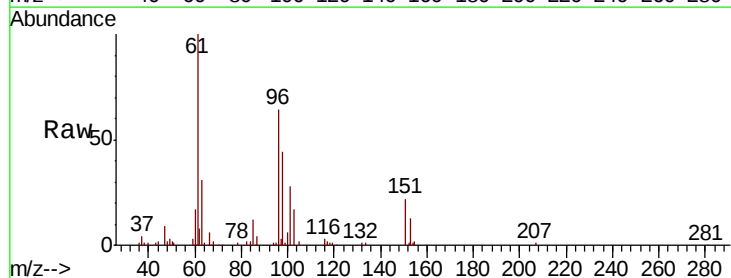
Tot Ion: 59 Resp: 13062
 Ion Ratio Lower Upper
 59 100
 57 6.2 8.7 13.1#

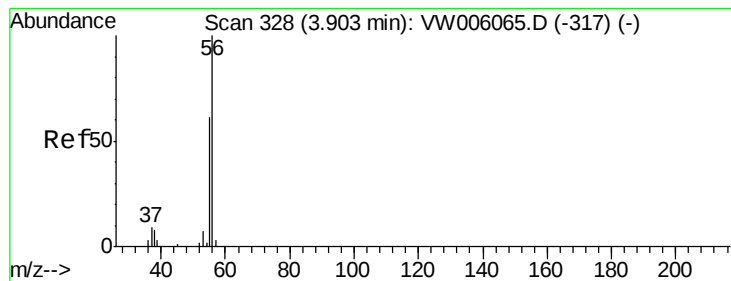


#12

1,1-Dichloroethene
 Concen: 21.068 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW006334.D
 Acq: 25 Oct 2018 00:10

Tgt Ion: 96 Resp: 39945
 Ion Ratio Lower Upper
 96 100
 61 155.6 129.3 193.9
 98 67.8 53.1 79.7





#13

Acrolein

Concen: 103.765 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

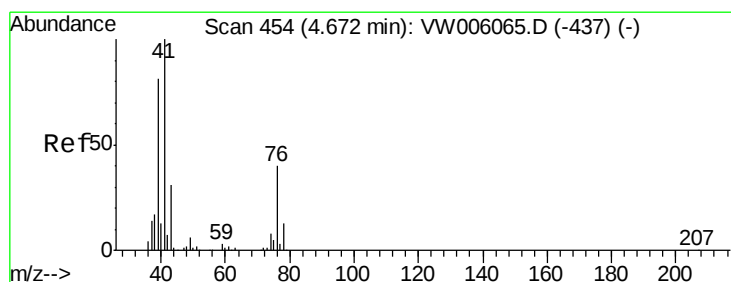
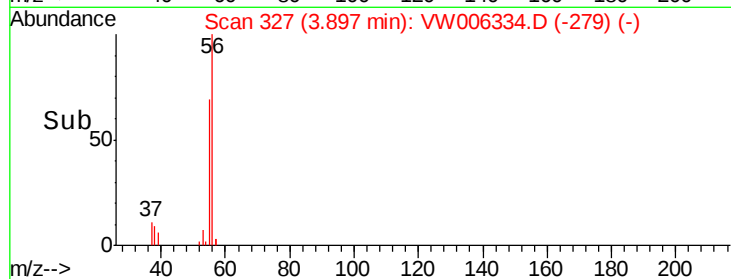
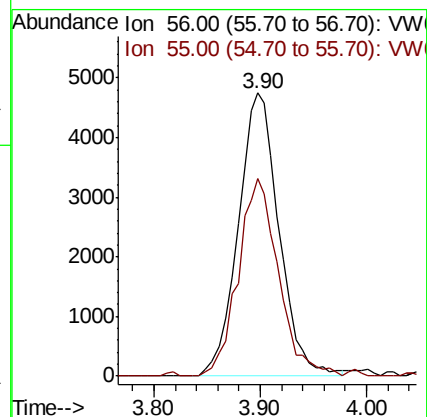
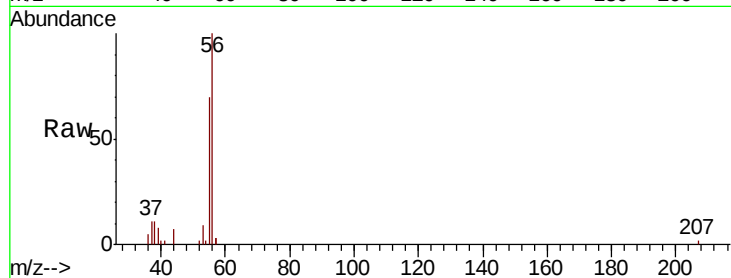
VW1024SBSD01

Tot Ion: 56 Resp: 12704

Ion Ratio Lower Upper

56 100

55 69.1 54.5 81.7



#14

Allyl chloride

Concen: 19.938 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

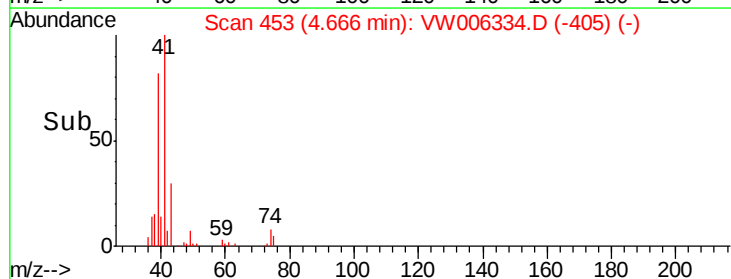
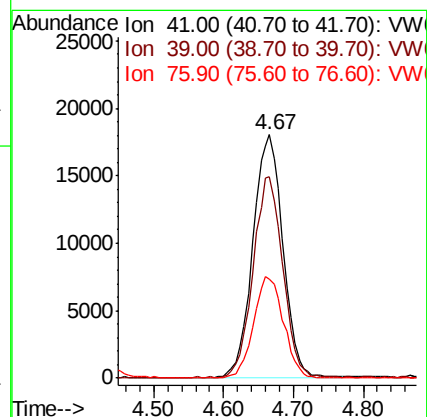
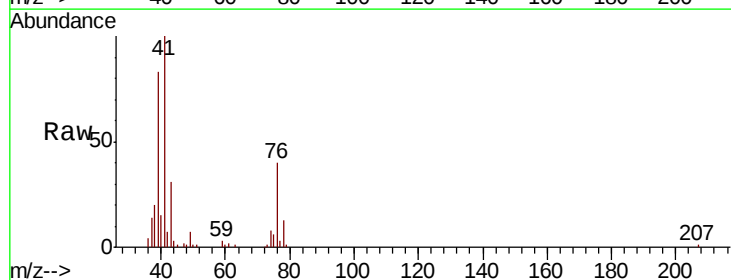
Tgt Ion: 41 Resp: 54051

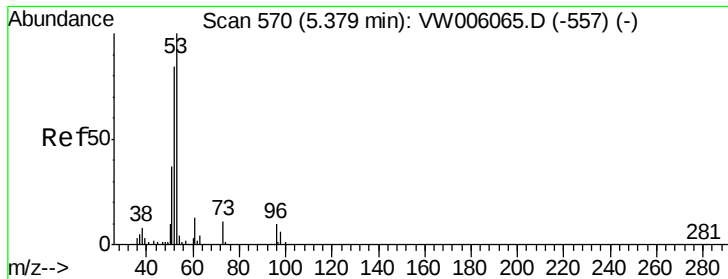
Ion Ratio Lower Upper

41 100

39 81.4 64.1 96.1

76 41.1 32.2 48.4





#15

Acrylonitrile

Concen: 112.981 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBSD01

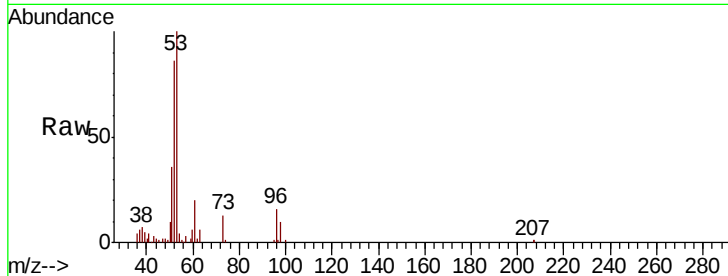
Tot Ion: 53 Resp: 41415

Ion Ratio Lower Upper

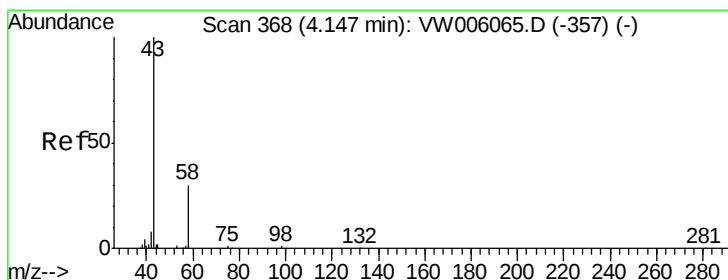
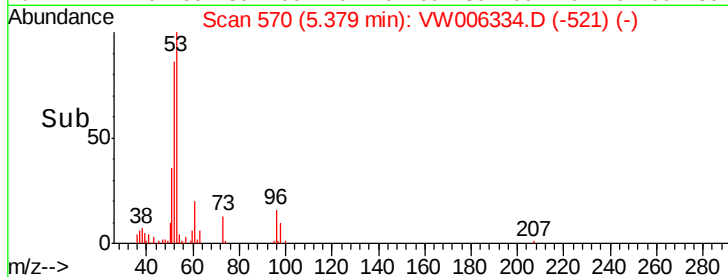
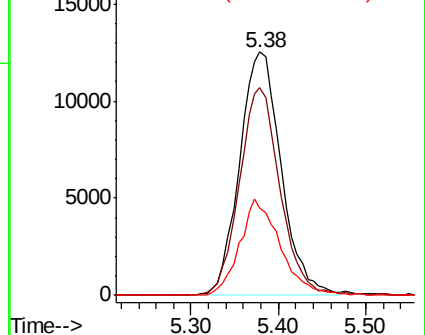
53 100

52 83.2 66.9 100.3

51 38.3 30.1 45.1



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



#16

Acetone

Concen: 98.933 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006334.D

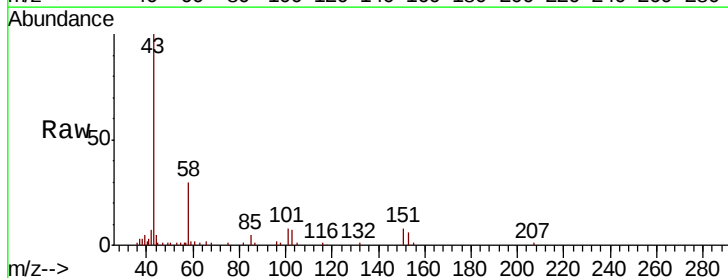
Acq: 25 Oct 2018 00:10

Tgt Ion: 43 Resp: 38075

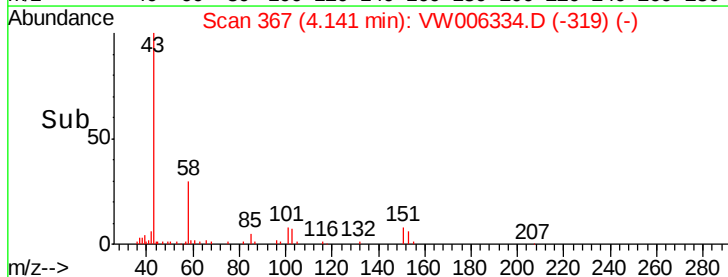
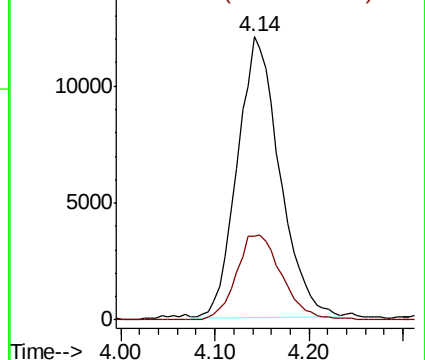
Ion Ratio Lower Upper

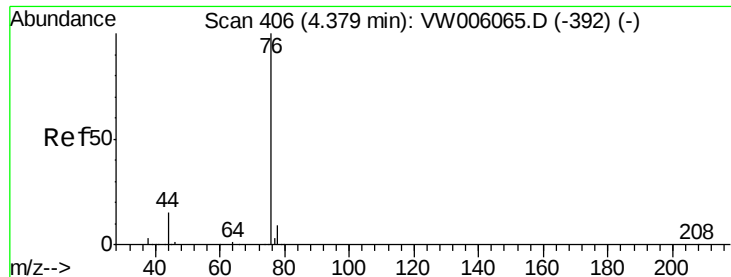
43 100

58 29.9 24.0 36.0



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

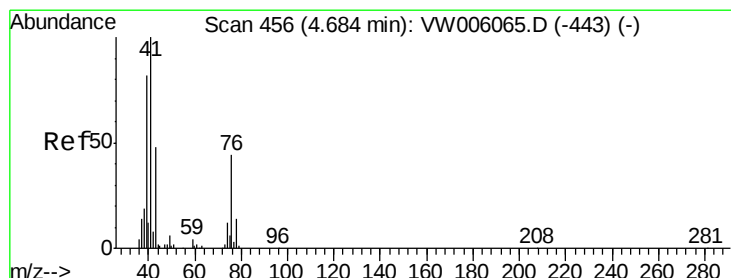
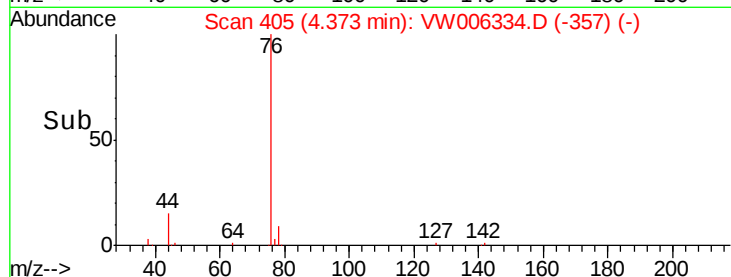
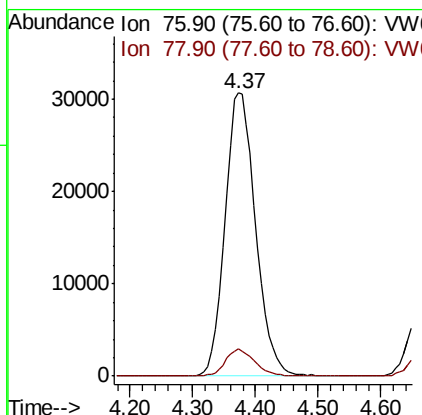
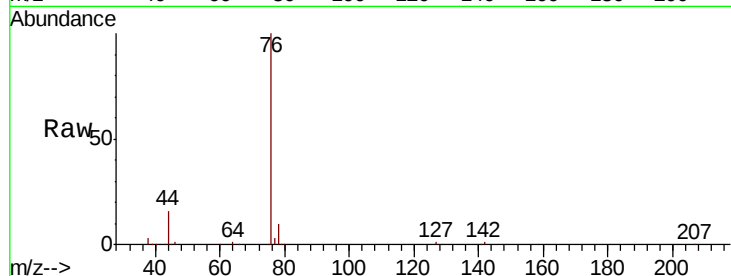




#17
Carbon Disulfide
Concen: 18.029 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

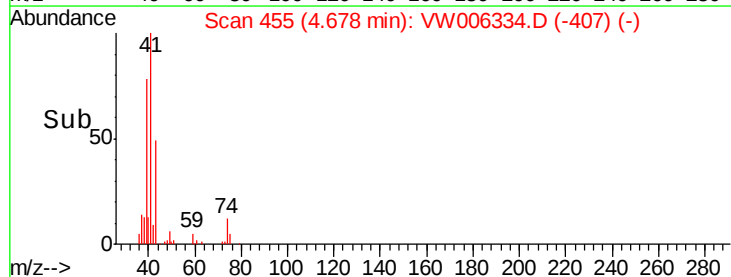
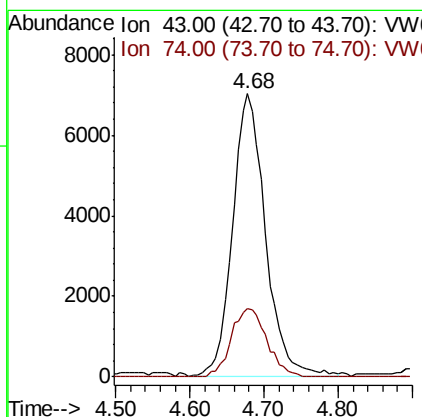
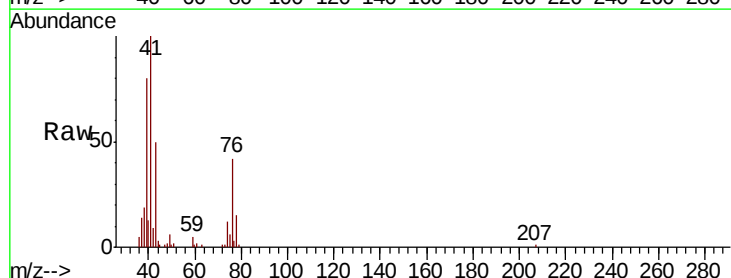
Instrument :
MSVOA_W
ClientSampleId :
VW1024SBSD01

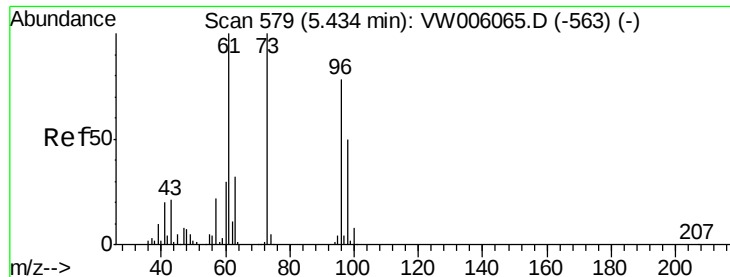
Tot Ion: 76 Resp: 103166
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3



#18
Methyl Acetate
Concen: 23.108 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion: 43 Resp: 21877
Ion Ratio Lower Upper
43 100
74 25.8 20.5 30.7

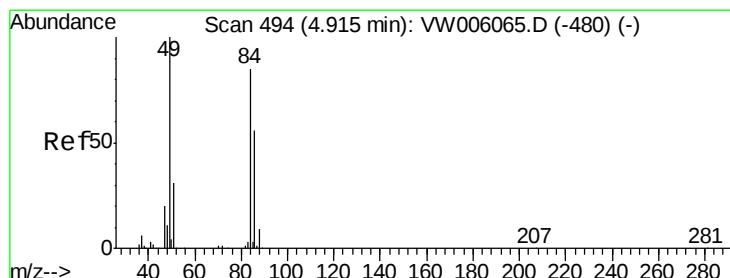
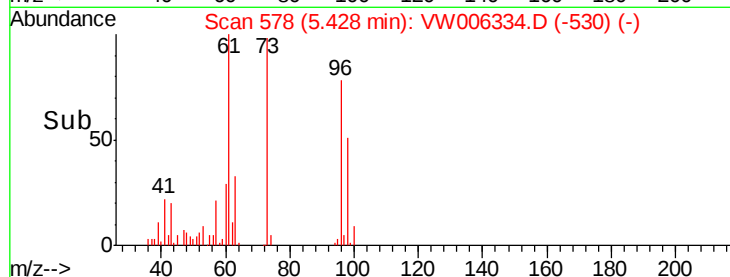
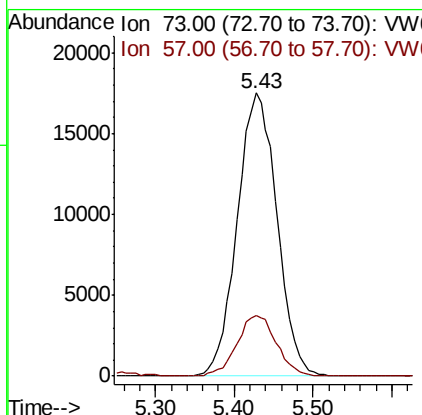
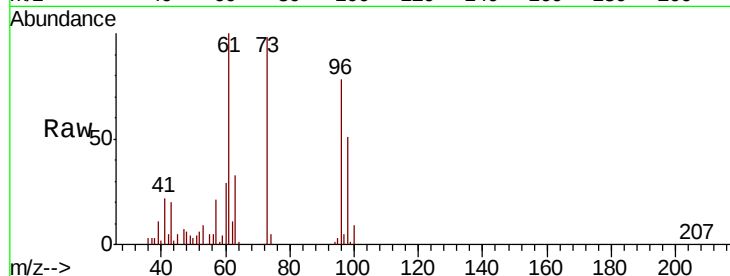




#19
Methyl tert-butyl Ether
Concen: 21.220 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

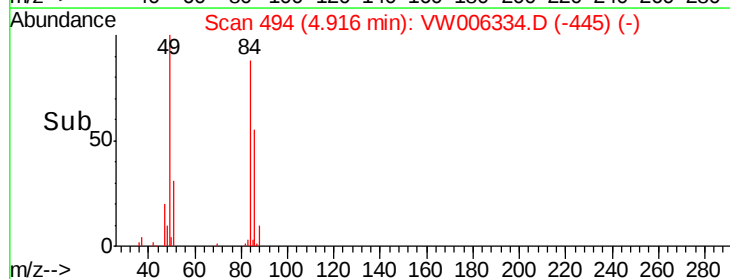
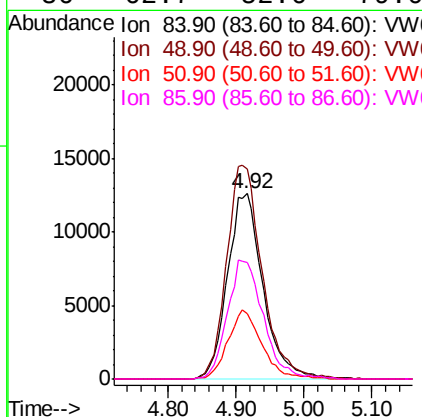
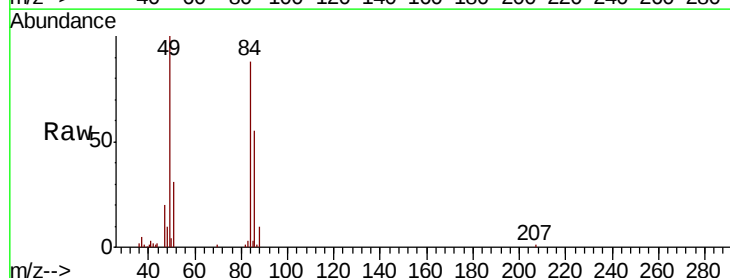
Instrument :
MSVOA_W
ClientSampleId :
VW1024SBSD01

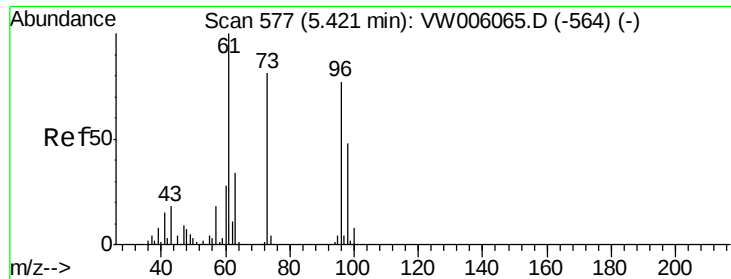
Tot Ion: 73 Resp: 61280
Ion Ratio Lower Upper
73 100
57 21.4 17.4 26.2



#20
Methylene Chloride
Concen: 22.002 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion: 84 Resp: 45612
Ion Ratio Lower Upper
84 100
49 113.6 93.6 140.4
51 35.2 29.0 43.4
86 62.7 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 21.968 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBSD01

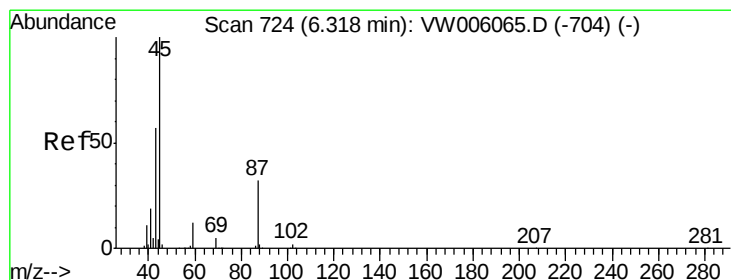
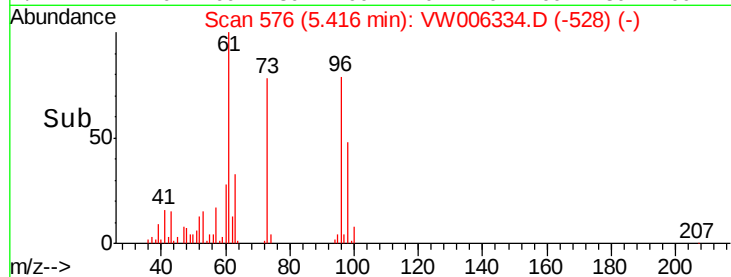
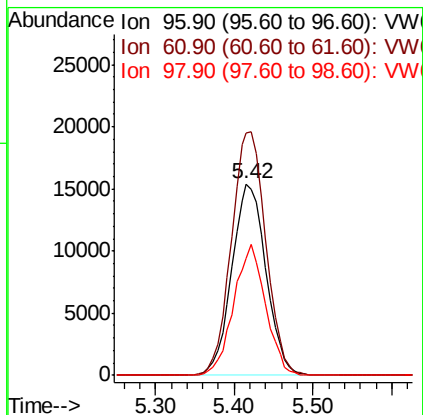
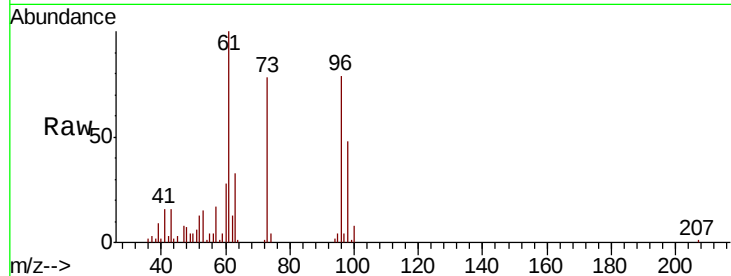
Tot Ion: 96 Resp: 46491

Ion Ratio Lower Upper

96 100

61 126.7 104.5 156.7

98 60.8 50.6 75.8



#22

Diisopropyl ether

Concen: 21.645 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Tgt Ion: 45 Resp: 115960

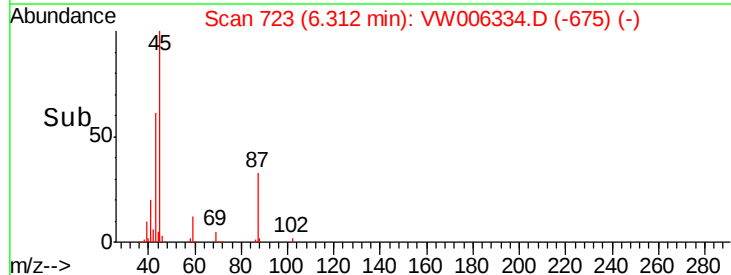
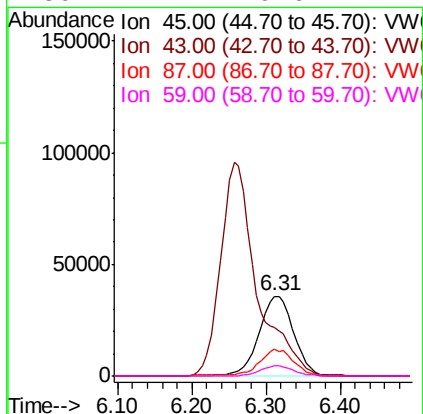
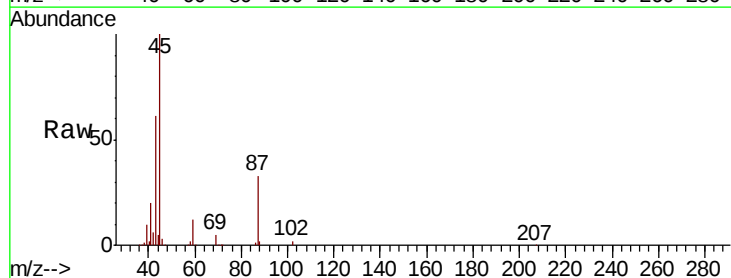
Ion Ratio Lower Upper

45 100

43 60.3 45.7 68.5

87 33.3 25.9 38.9

59 12.2 9.6 14.4





#23

Vinyl Acetate

Concen: 102.659 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleID :

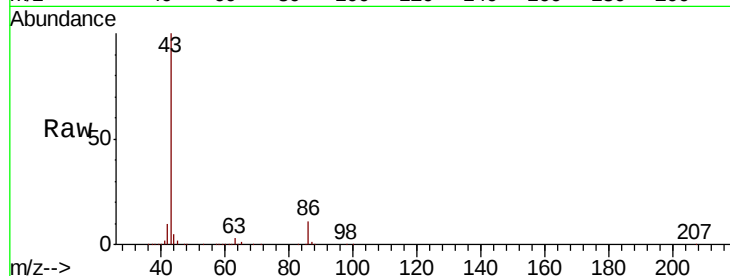
VW1024SBSD01

Tot Ion: 43 Resp: 324569

Ion Ratio Lower Upper

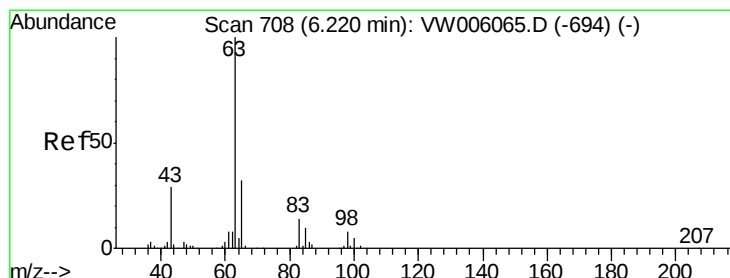
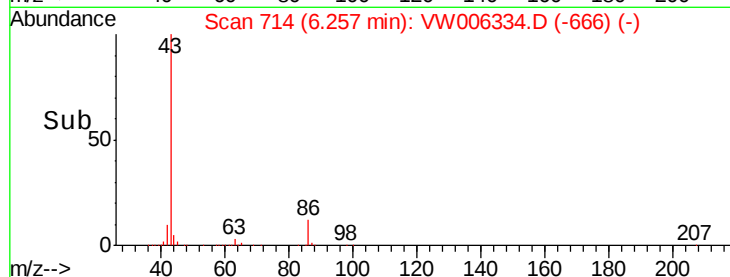
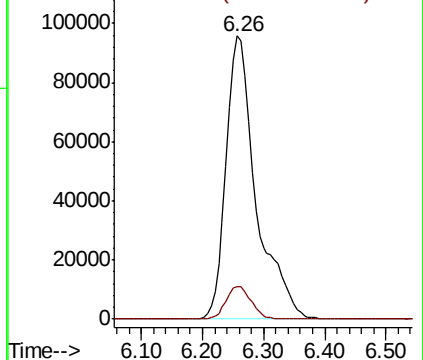
43 100

86 11.5 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 22.534 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

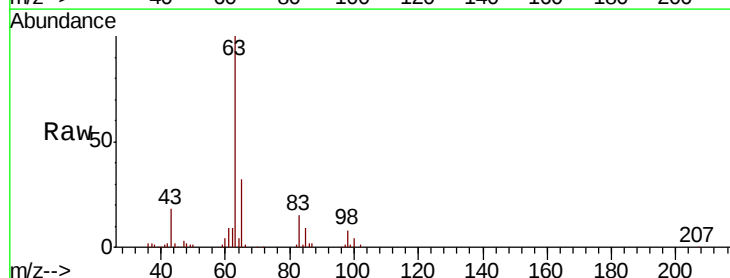
Tgt Ion: 63 Resp: 77897

Ion Ratio Lower Upper

63 100

98 8.1 3.8 11.2

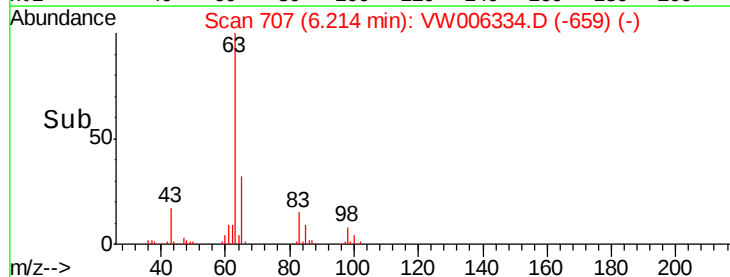
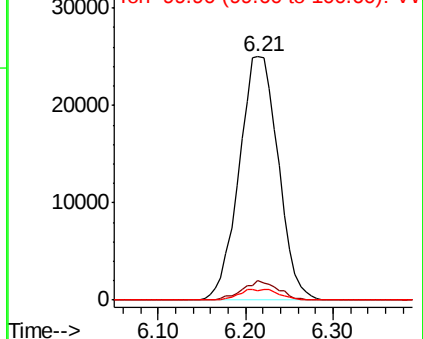
100 4.0 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 108.231 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

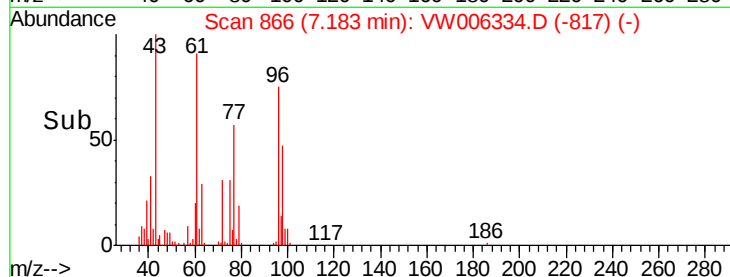
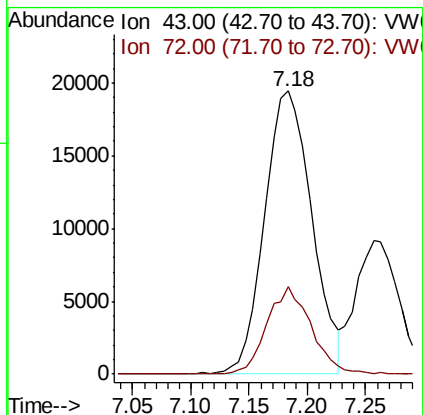
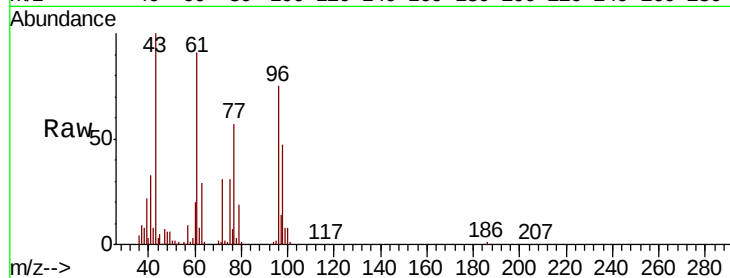
VW1024SBSD01

Tot Ion: 43 Resp: 55006

Ion Ratio Lower Upper

43 100

72 30.9 22.8 34.2



#26

2,2-Dichloropropane

Concen: 18.921 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006334.D

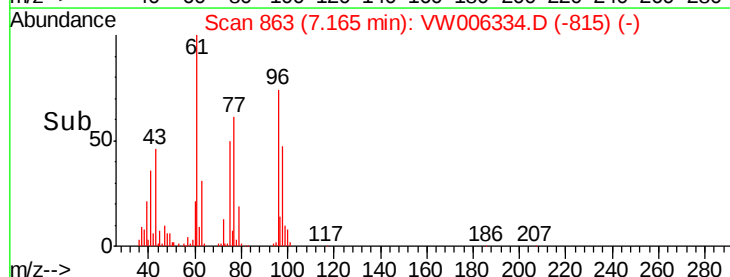
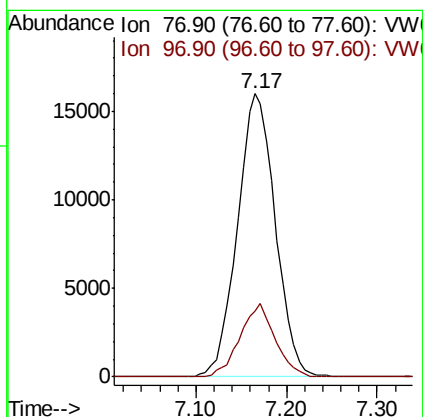
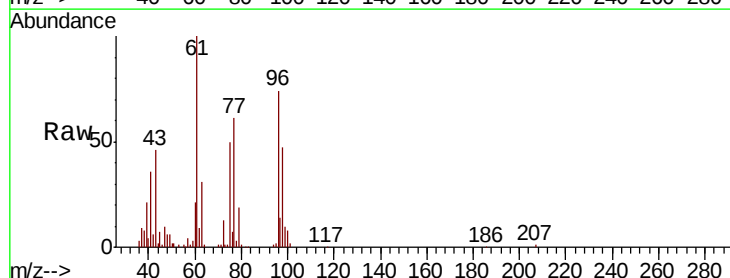
Acq: 25 Oct 2018 00:10

Tgt Ion: 77 Resp: 46130

Ion Ratio Lower Upper

77 100

97 24.0 12.2 36.4



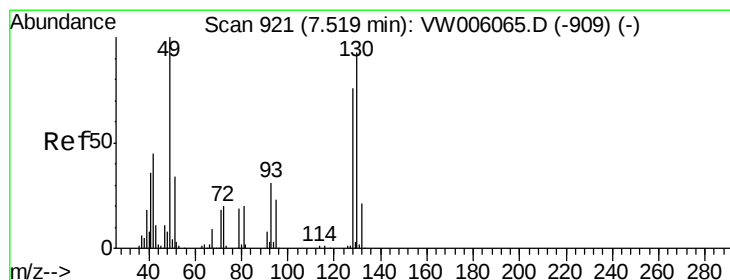
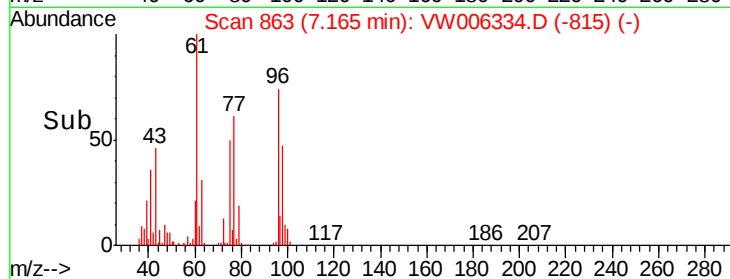
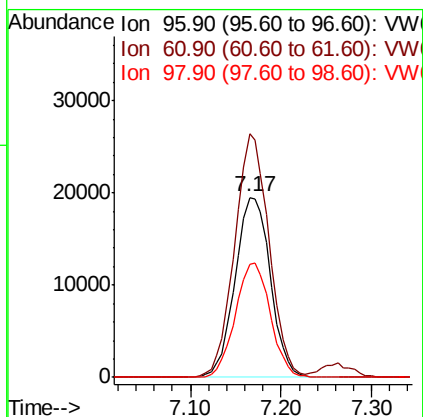
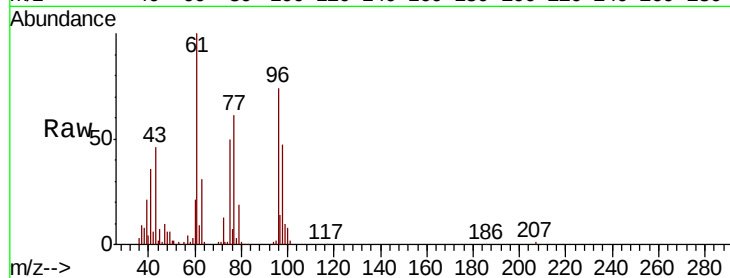


#27

cis-1,2-Dichloroethene
 Concen: 22.510 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW006334.D
 Acq: 25 Oct 2018 00:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBSD01

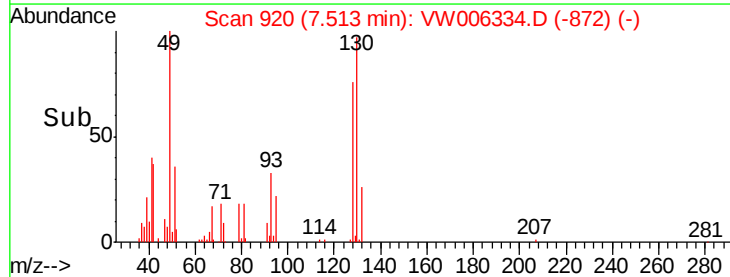
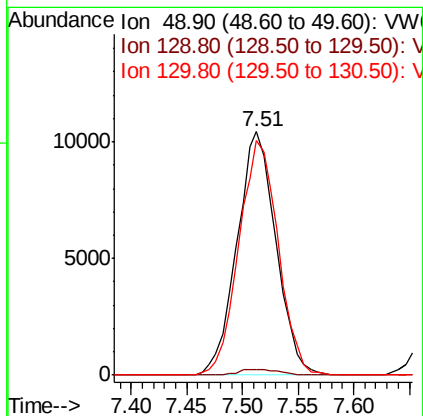
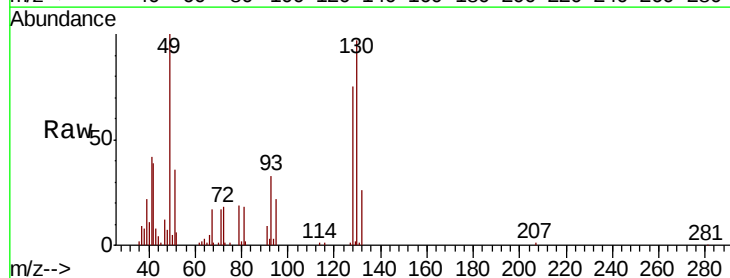
Tot Ion	Ratio	Lower	Upper
96	100		
61	132.1	0.0	267.2
98	63.1	0.0	128.6

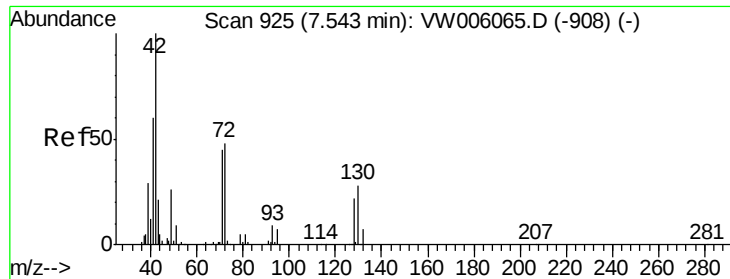


#28

Bromochloromethane
 Concen: 19.018 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW006334.D
 Acq: 25 Oct 2018 00:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.0
130	97.0	73.8	110.8

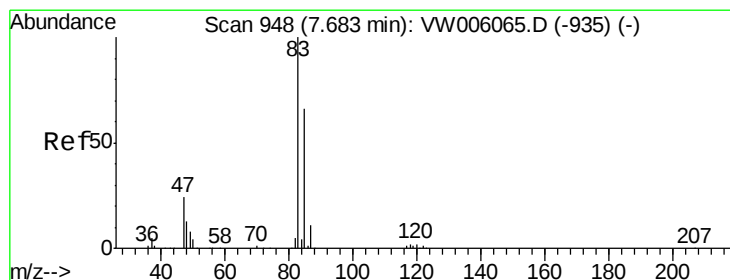
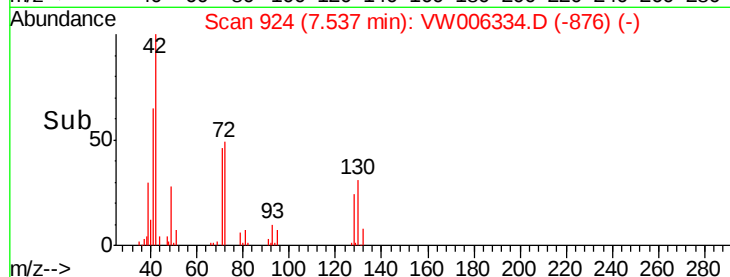
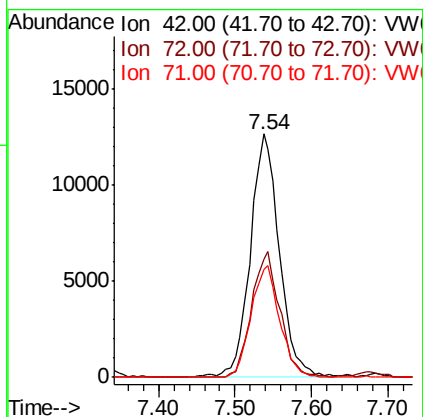
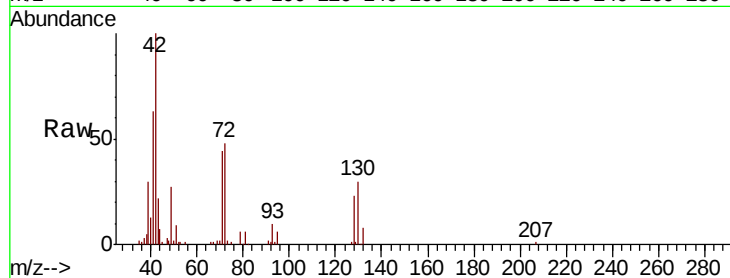




#29
Tetrahydrofuran
Concen: 107.274 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

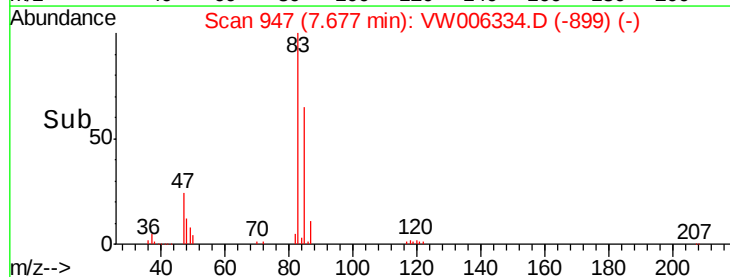
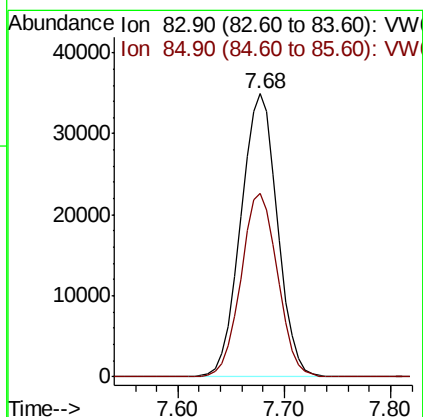
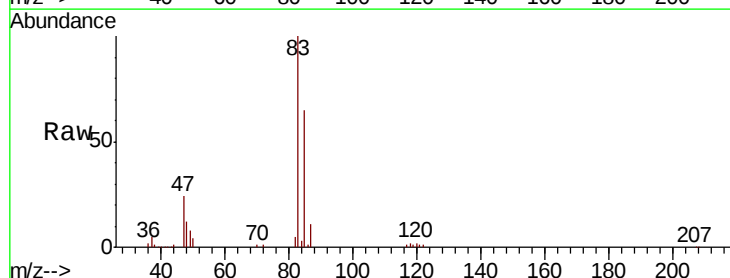
Instrument :
MSVOA_W
ClientSampleId :
VW1024SBSD01

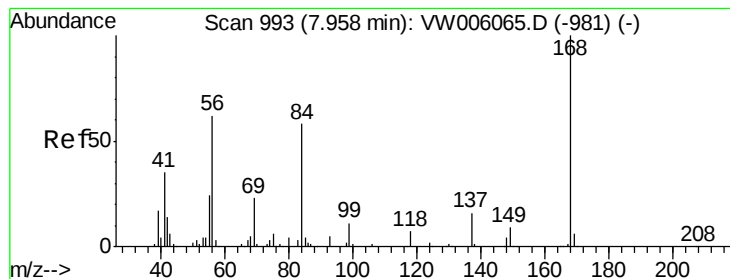
Tot Ion: 42 Resp: 33512
Ion Ratio Lower Upper
42 100
72 50.0 38.0 57.0
71 45.1 35.3 52.9



#30
Chloroform
Concen: 22.412 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion: 83 Resp: 84410
Ion Ratio Lower Upper
83 100
85 65.0 52.6 79.0





#31

Cyclohexane

Concen: 20.020 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBSD01

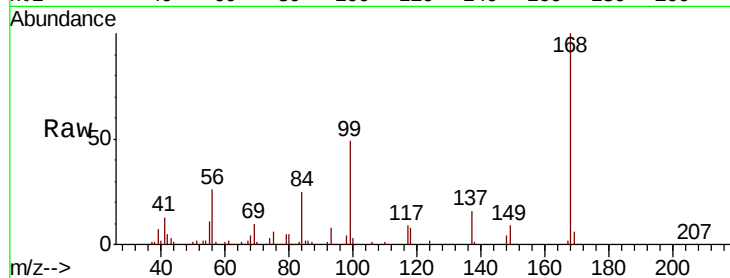
Tot Ion: 56 Resp: 68920

Ion Ratio Lower Upper

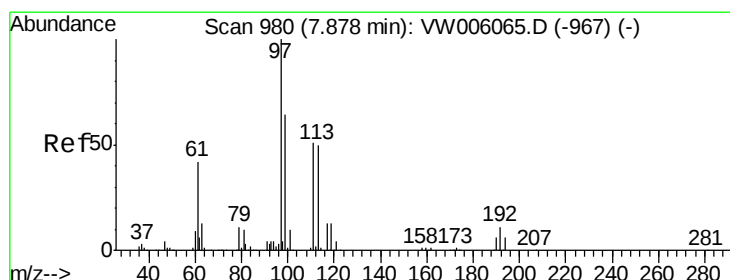
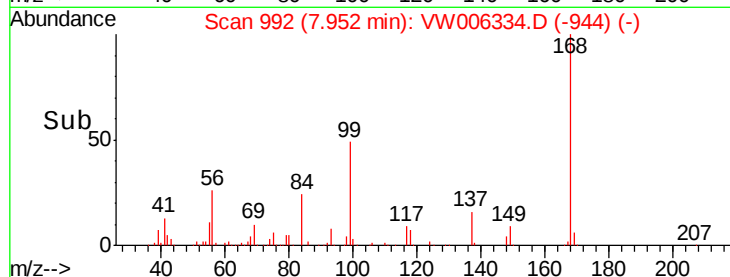
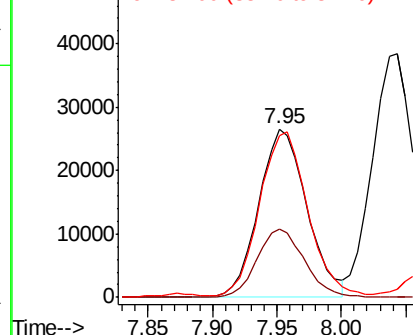
56 100

69 40.4 29.4 44.0

84 94.6 74.0 111.0



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



#32

1,1,1-Trichloroethane

Concen: 21.037 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

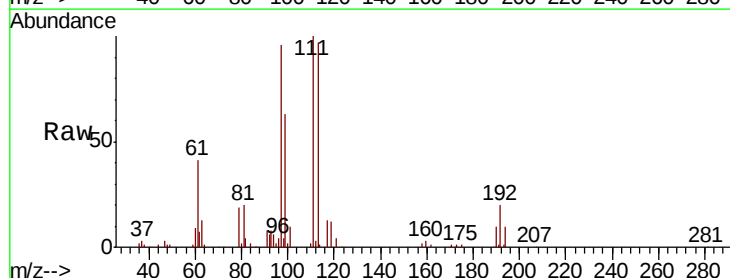
Tgt Ion: 97 Resp: 71471

Ion Ratio Lower Upper

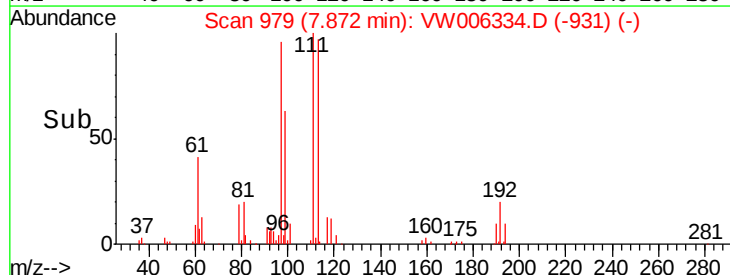
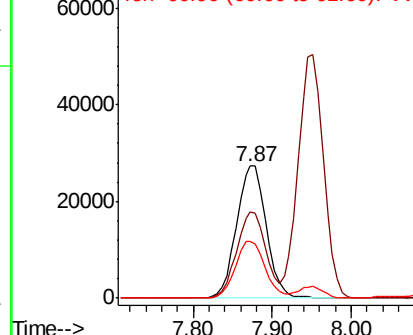
97 100

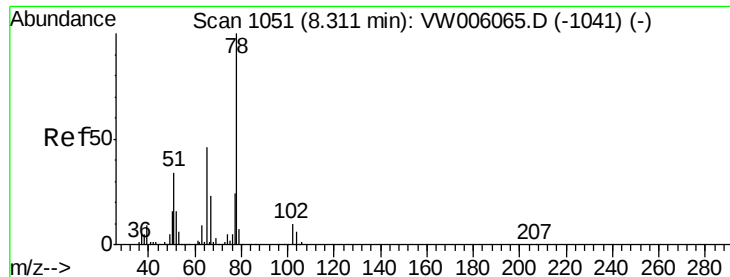
99 64.5 50.9 76.3

61 43.3 33.7 50.5



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

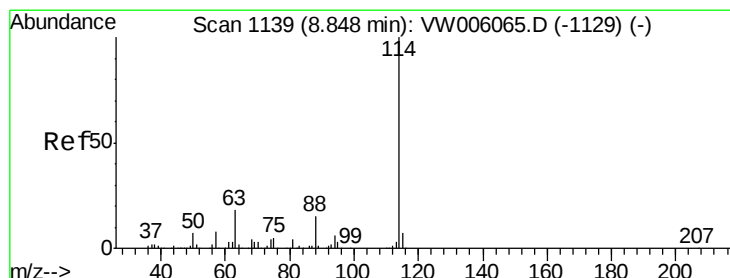
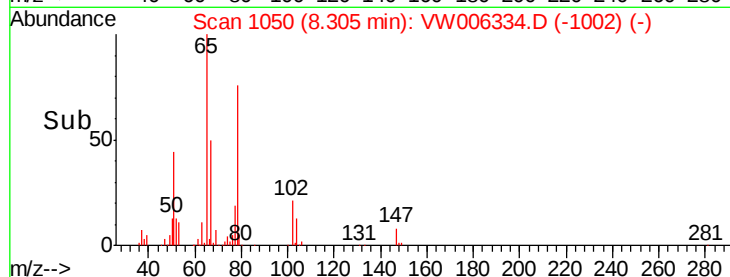
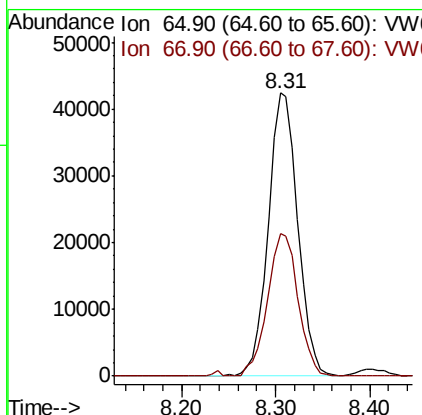
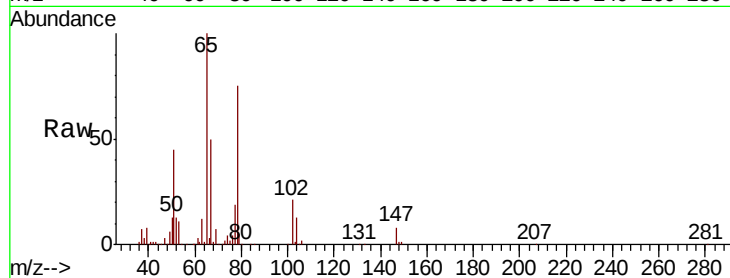




#33
 1,2-Dichloroethane-d4
 Concen: 49.200 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006334.D
 Acq: 25 Oct 2018 00:10

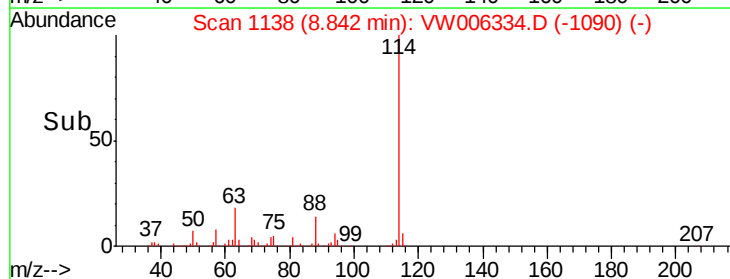
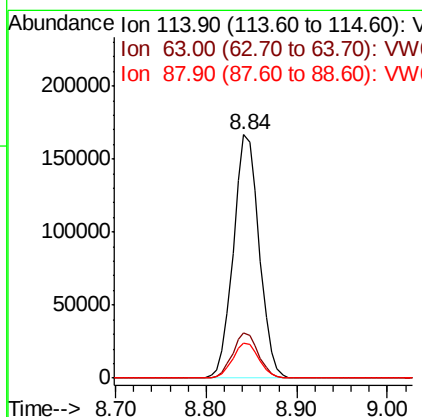
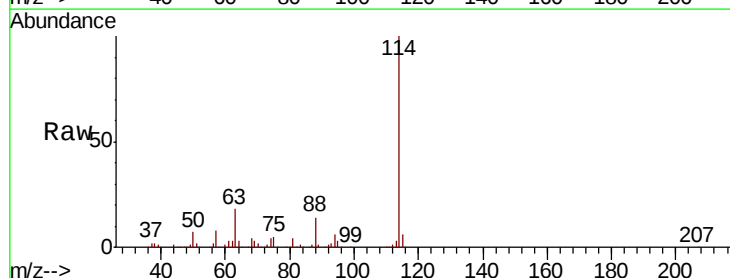
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBSD01

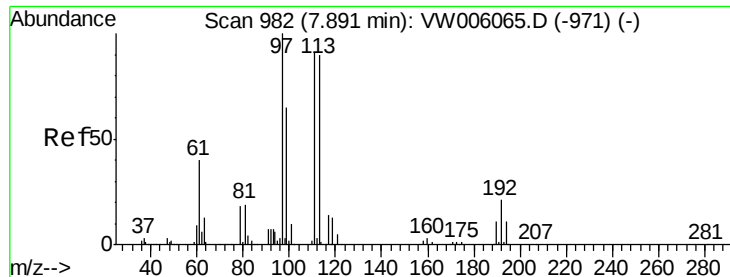
Tot Ion: 65 Resp: 92559
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006334.D
 Acq: 25 Oct 2018 00:10

Tgt Ion: 114 Resp: 328336
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.8
 88 14.4 0.0 29.0

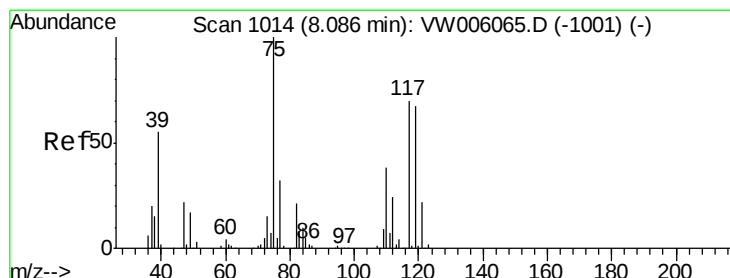
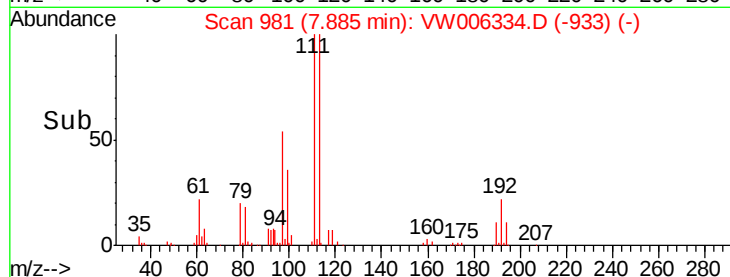
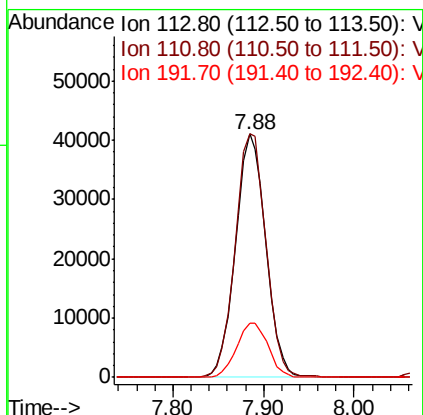
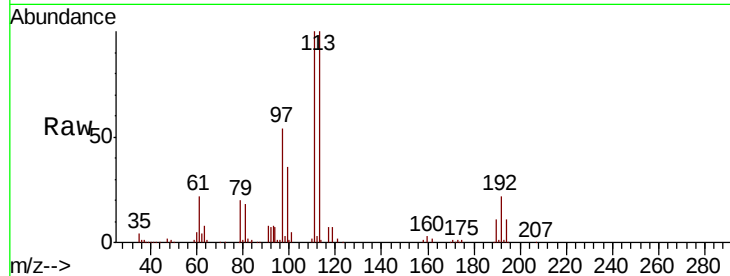




#35
 Dibromofluoromethane
 Concen: 49.202 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006334.D
 Acq: 25 Oct 2018 00:10

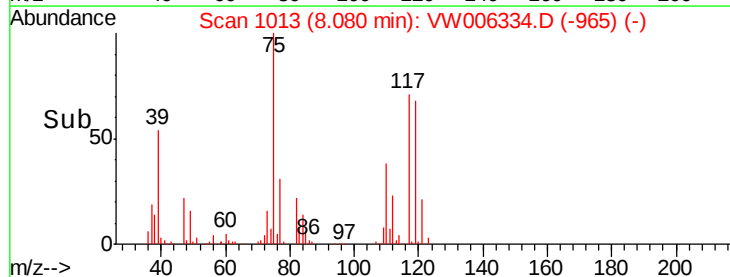
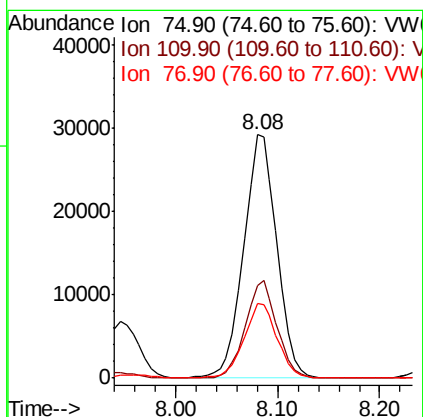
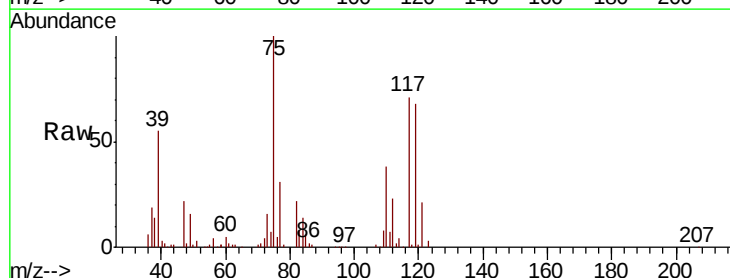
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBSD01

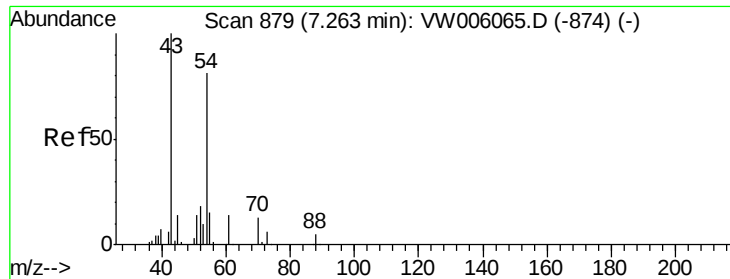
Tot Ion:113 Resp: 95458
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.4 122.0
 192 23.1 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 21.840 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW006334.D
 Acq: 25 Oct 2018 00:10

Tgt Ion: 75 Resp: 66096
 Ion Ratio Lower Upper
 75 100
 110 38.0 19.1 57.1
 77 30.7 25.0 37.4

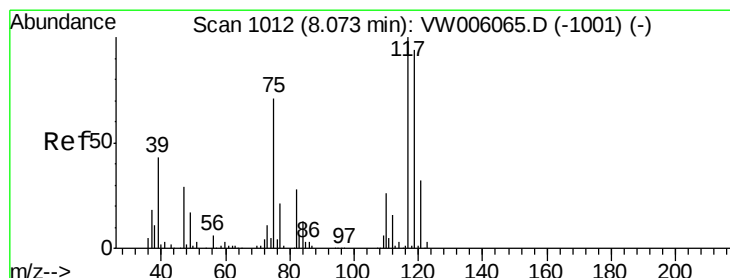
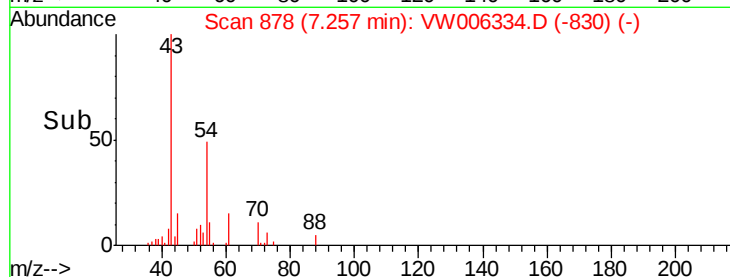
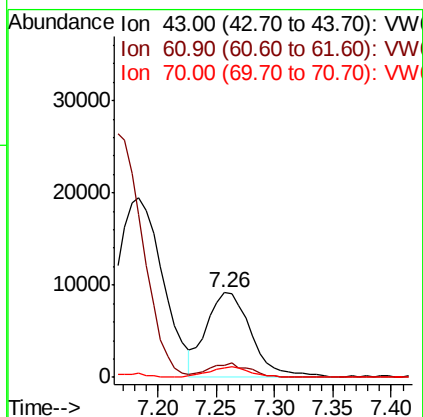
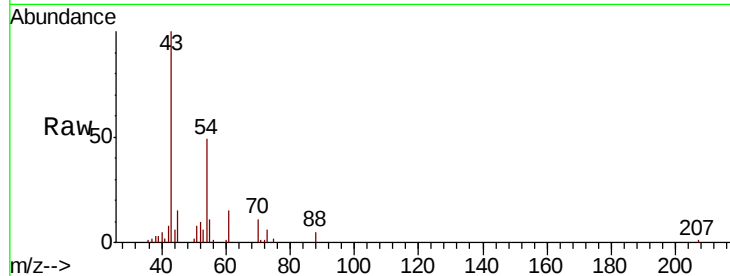




#37
Ethyl Acetate
Concen: 21.523 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

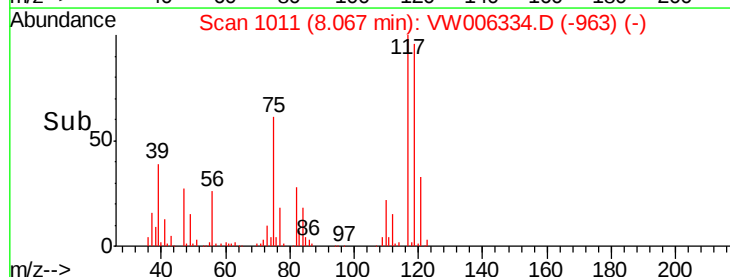
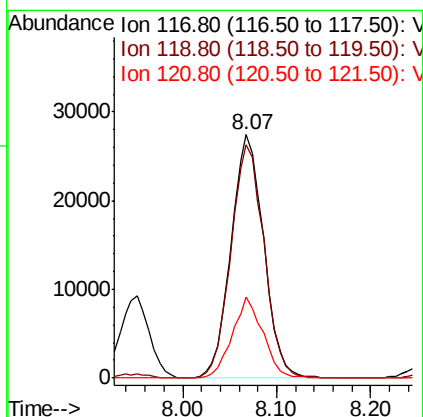
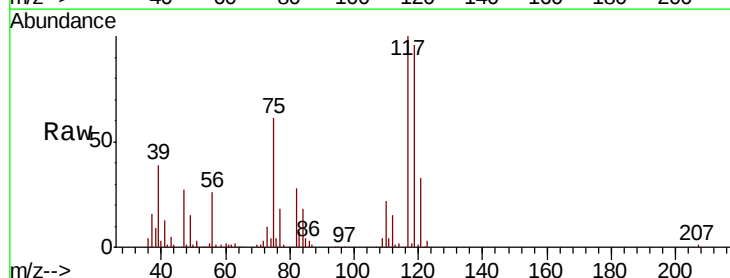
Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

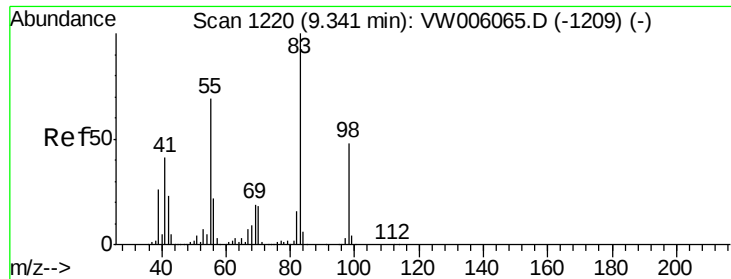
Tot Ion: 43 Resp: 24200
Ion Ratio Lower Upper
43 100
61 15.2 11.5 17.3
70 11.4 9.2 13.8



#38
Carbon Tetrachloride
Concen: 19.959 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion: 117 Resp: 66217
Ion Ratio Lower Upper
117 100
119 95.7 75.2 112.8
121 33.3 25.3 37.9

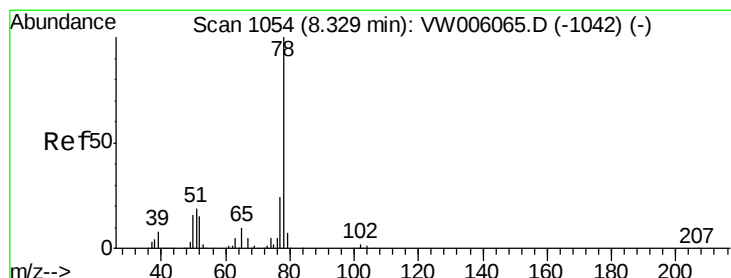
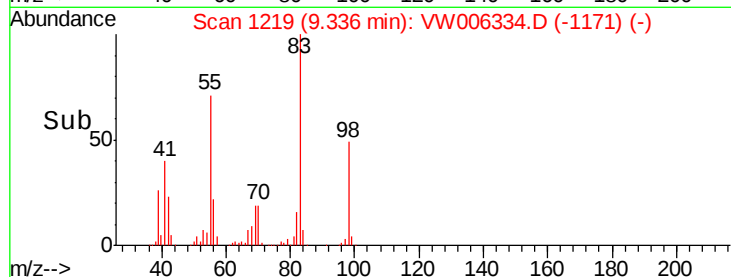
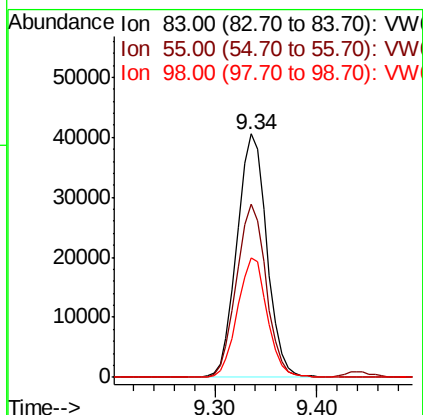
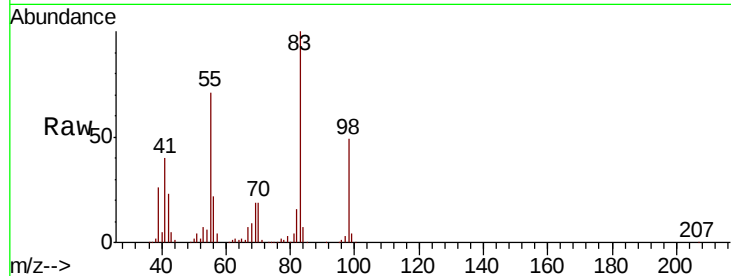




#39
Methvlcvclohexane
Concen: 20.490 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

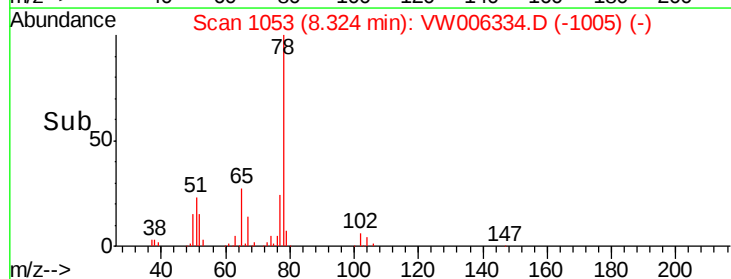
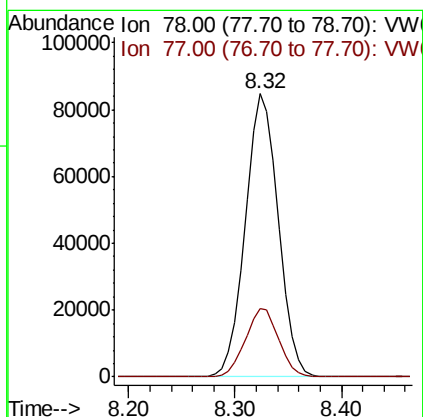
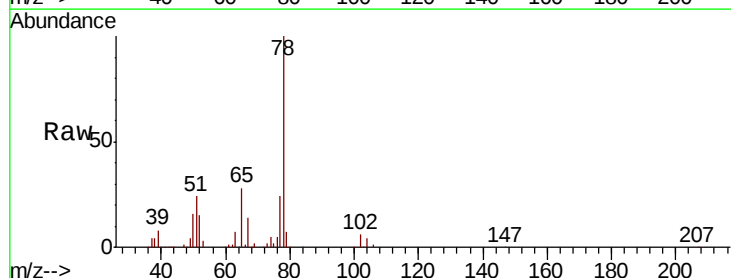
Instrument :
MSVOA_W
ClientSampleId :
VW1024SBSD01

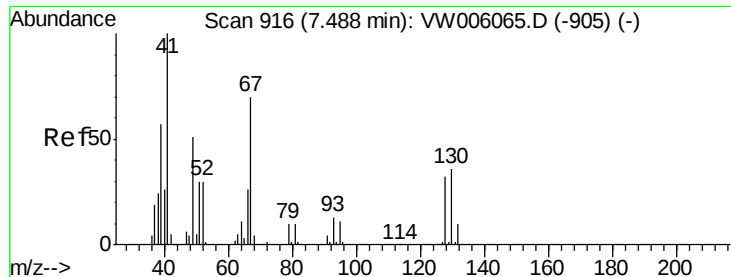
Tot Ion: 83 Resp: 82426
Ion Ratio Lower Upper
83 100
55 71.4 55.0 82.6
98 48.9 38.6 57.8



#40
Benzene
Concen: 22.222 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion: 78 Resp: 184476
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0

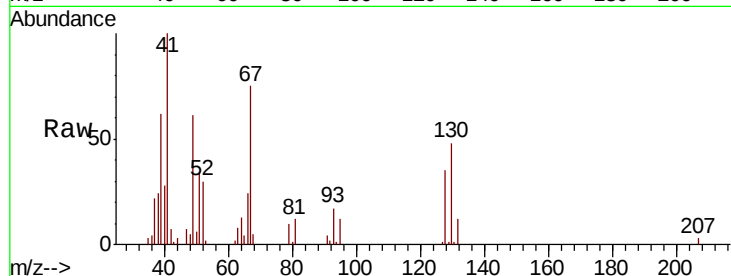




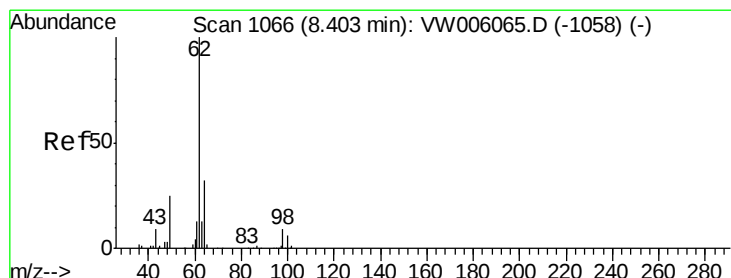
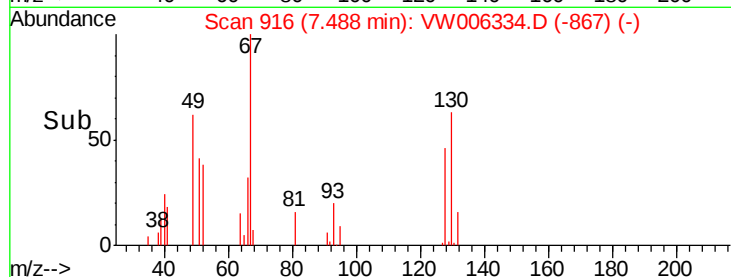
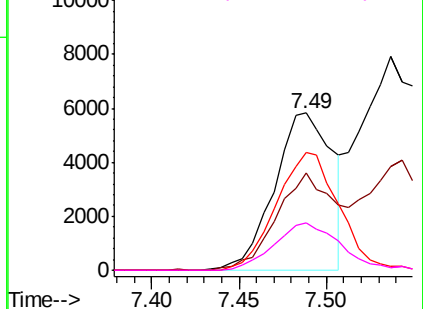
#41
Methacrylonitrile
Concen: 20.006 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

Tot Ion:	41	Resp:	13561
Ion	Ratio	Lower	Upper
41	100		
39	64.8	46.2	69.4
67	80.3	57.7	86.5
52	34.3	24.7	37.1

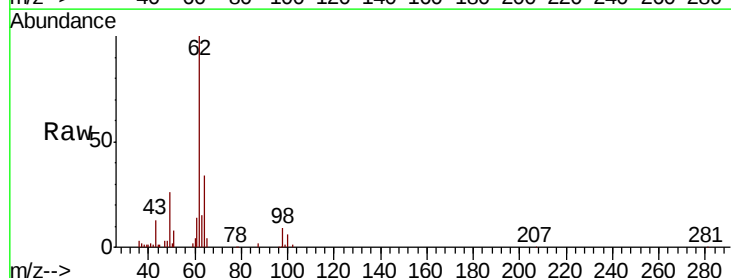


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

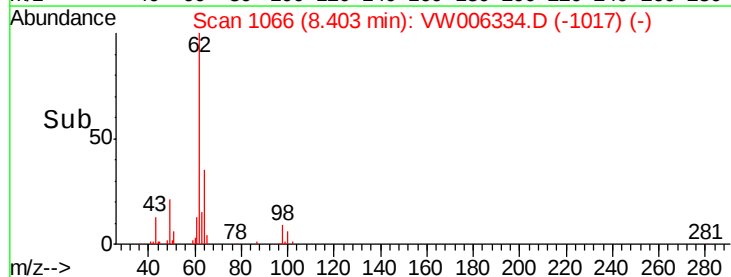
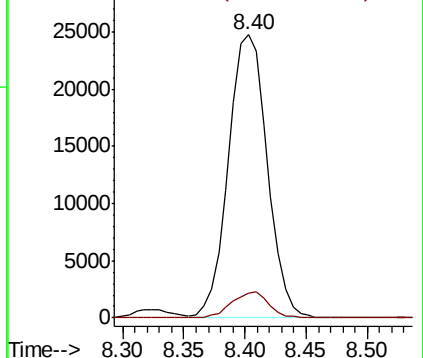


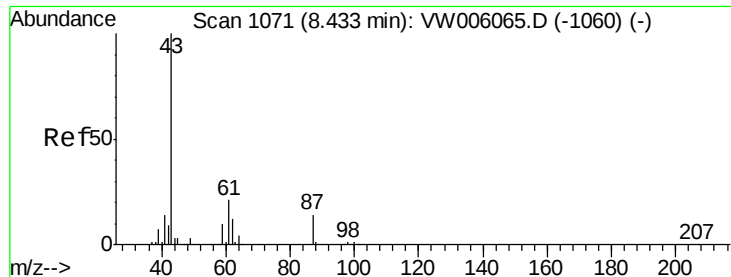
#42
1,2-Dichloroethane
Concen: 22.362 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion:	62	Resp:	54540
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.4



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





#43

Isopropyl Acetate

Concen: 20.648 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBSD01

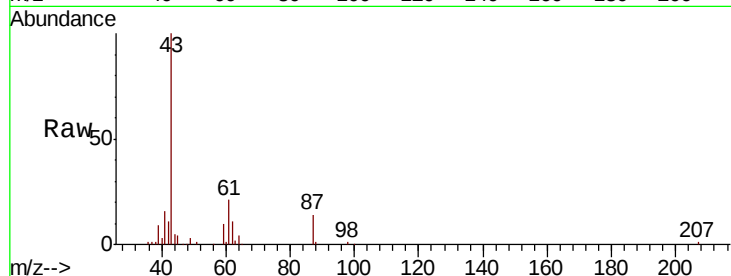
Tot Ion: 43 Resp: 47470

Ion Ratio Lower Upper

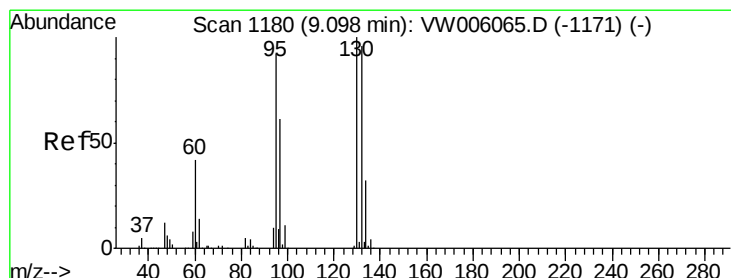
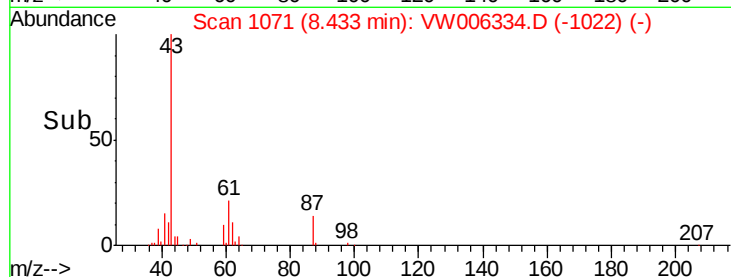
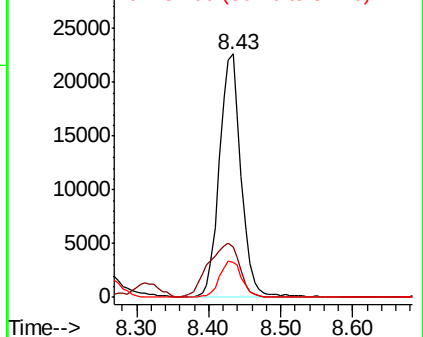
43 100

61 32.2 25.5 38.3

87 15.2 11.7 17.5



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



#44

Trichloroethene

Concen: 22.074 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006334.D

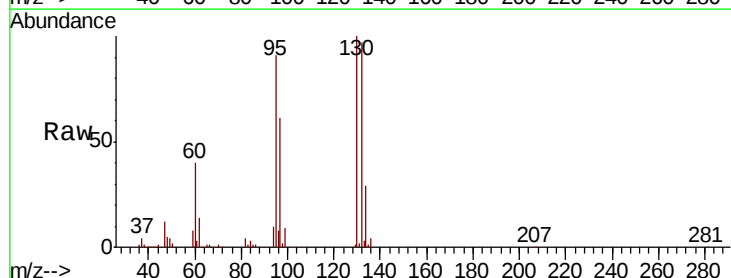
Acq: 25 Oct 2018 00:10

Tgt Ion: 130 Resp: 56219

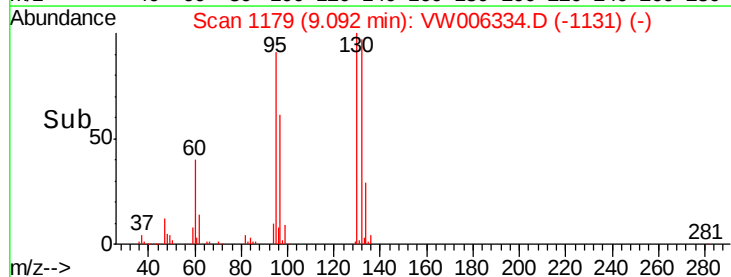
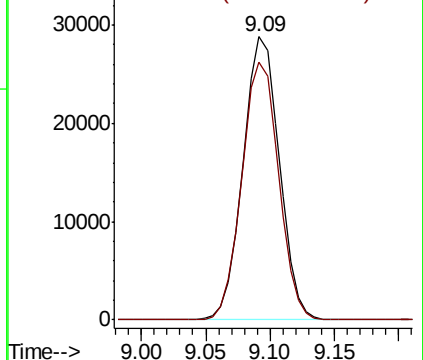
Ion Ratio Lower Upper

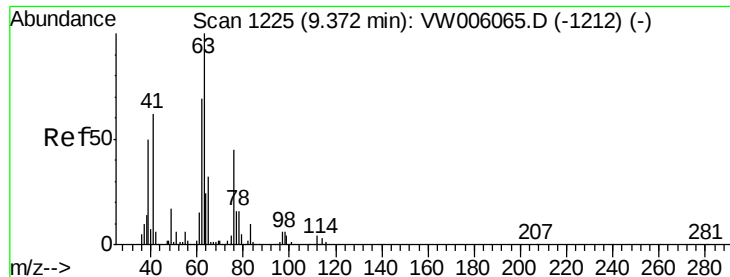
130 100

95 90.9 0.0 183.2



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

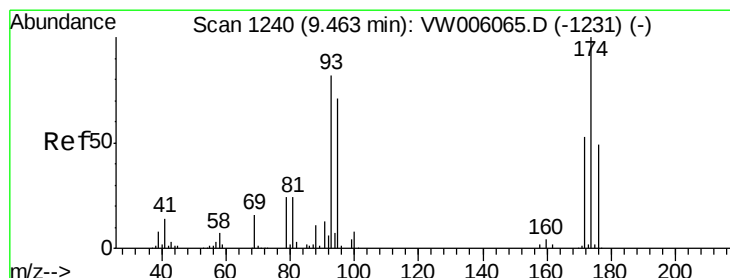
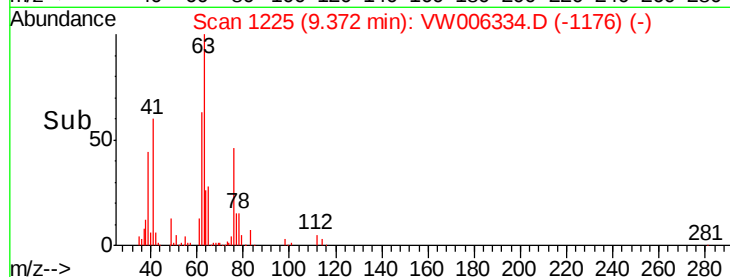
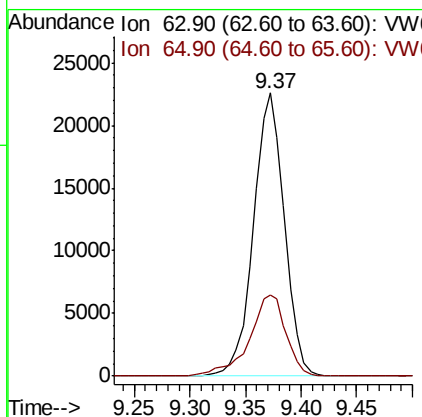
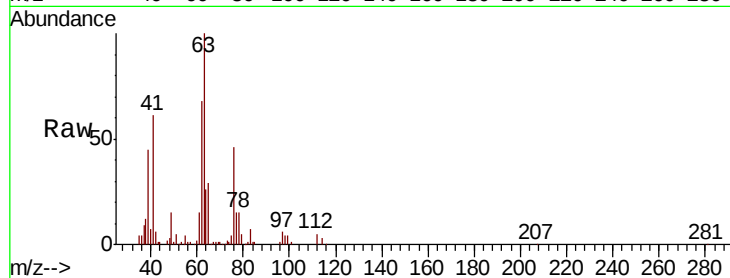




#45
 1,2-Dichloropropane
 Concen: 21.976 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006334.D
 Acq: 25 Oct 2018 00:10

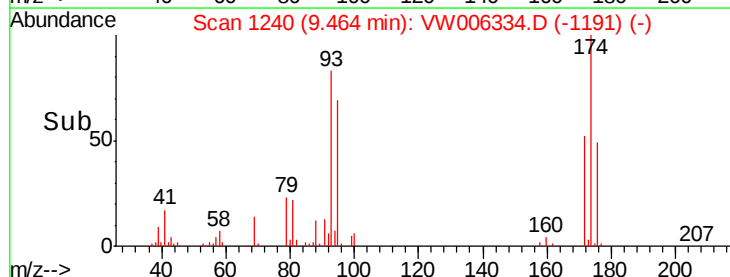
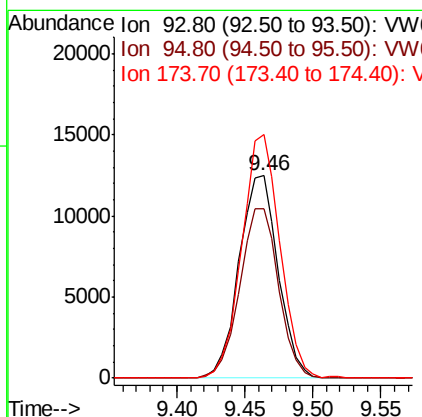
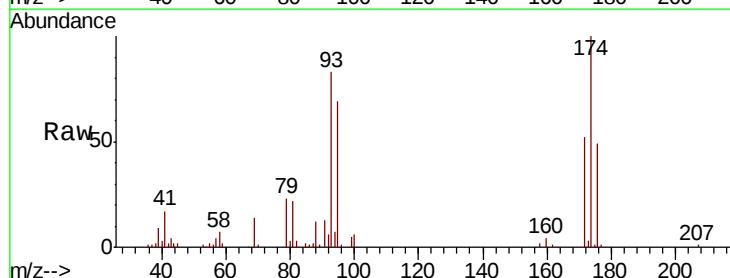
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBSD01

Tot Ion: 63 Resp: 43655
 Ion Ratio Lower Upper
 63 100
 65 28.9 25.4 38.0



#46
 Dibromomethane
 Concen: 22.045 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006334.D
 Acq: 25 Oct 2018 00:10

Tgt Ion: 93 Resp: 24959
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.7 101.5
 174 117.9 93.7 140.5





#47

Bromodichloromethane

Concen: 21.052 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBSD01

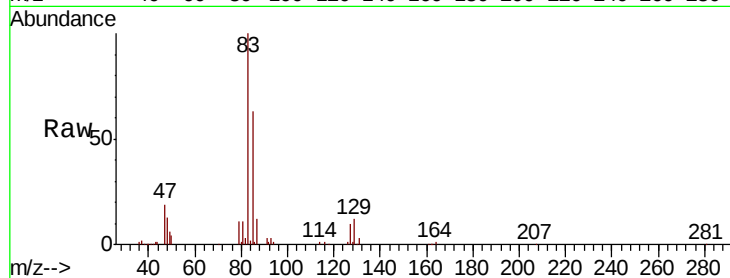
Tot Ion: 83 Resp: 57787

Ion Ratio Lower Upper

83 100

85 63.1 51.8 77.8

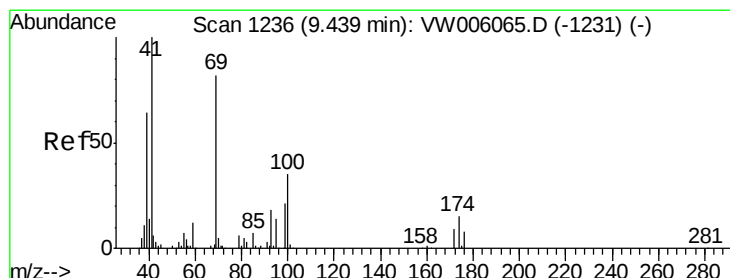
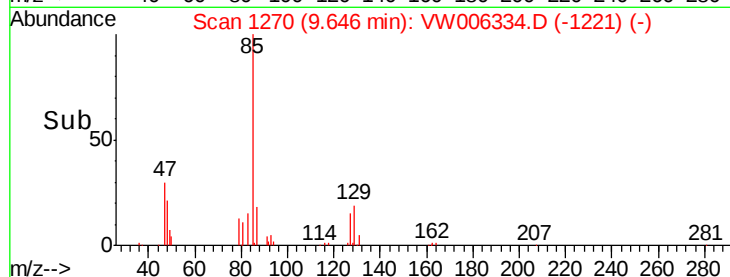
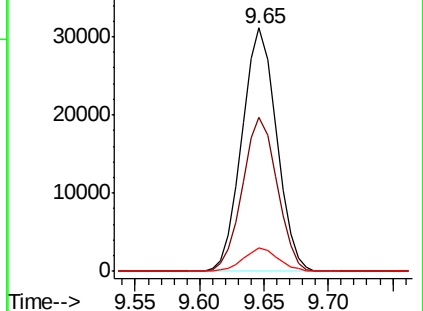
127 9.5 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 21.365 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

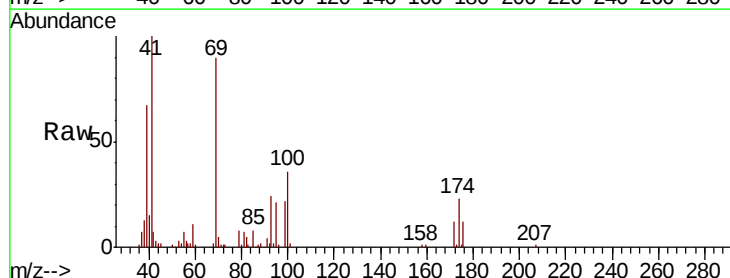
Tgt Ion: 41 Resp: 23283

Ion Ratio Lower Upper

41 100

69 93.4 71.8 107.8

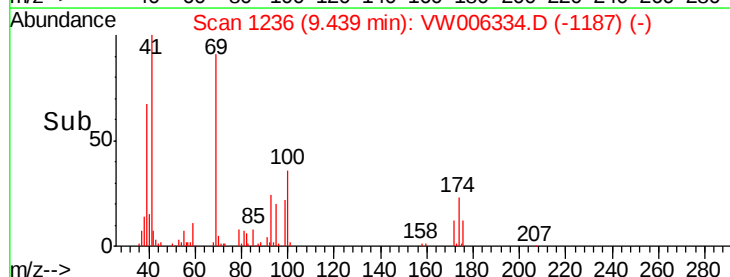
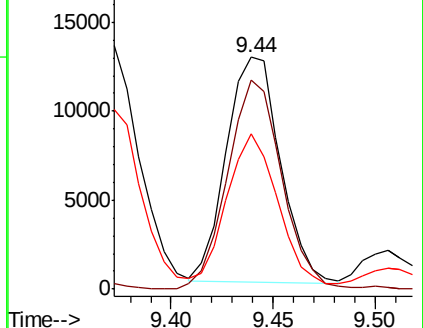
39 67.0 52.5 78.7

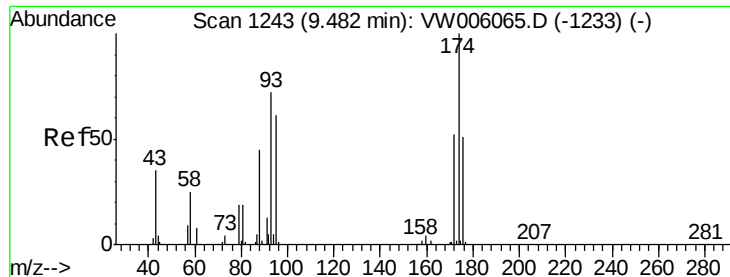


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 455.769 ug/l

RT: 9.49 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBSD01

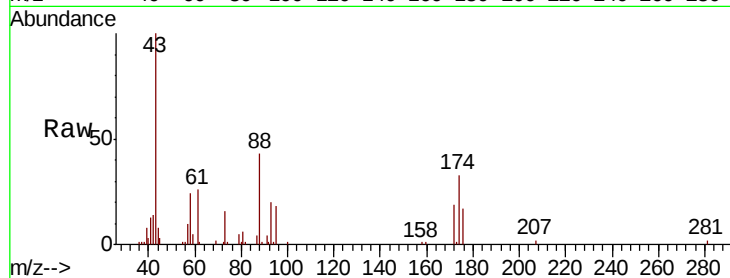
Tot Ion: 88 Resp: 7944

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

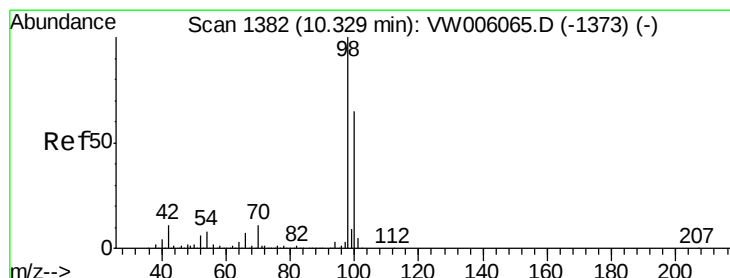
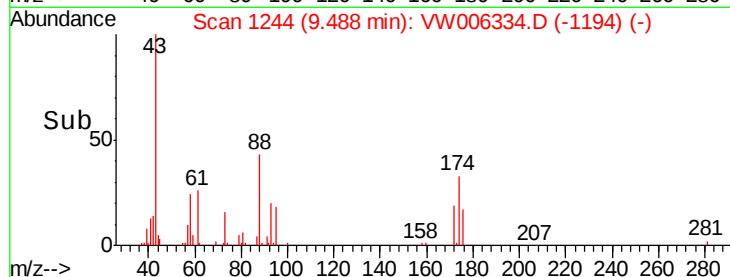
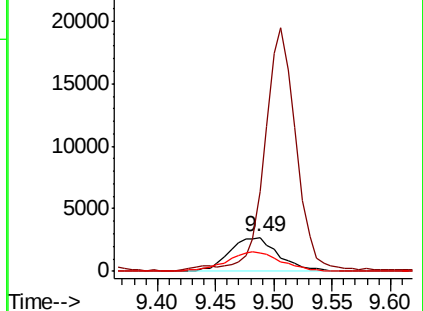
58 63.3 51.2 76.8



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 47.776 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006334.D

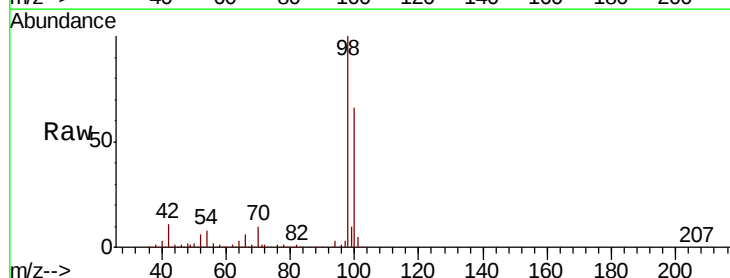
Acq: 25 Oct 2018 00:10

Tgt Ion: 98 Resp: 352647

Ion Ratio Lower Upper

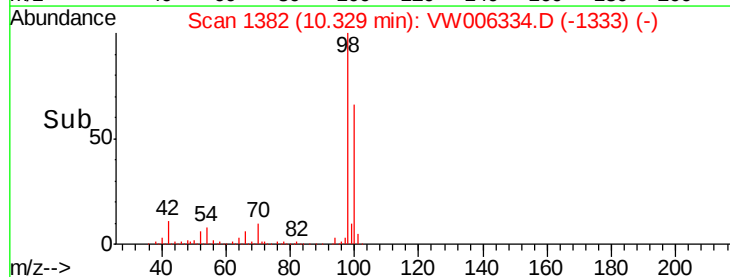
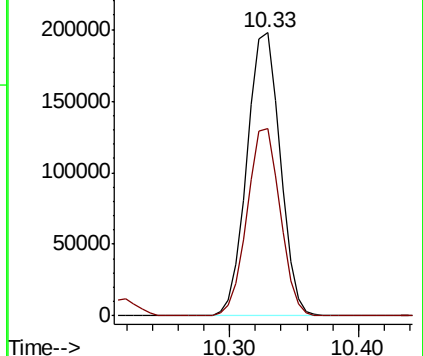
98 100

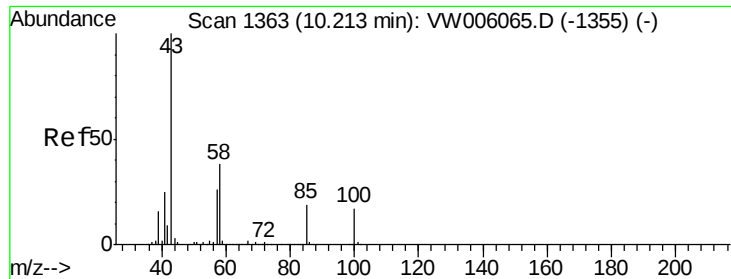
100 65.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 106.925 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

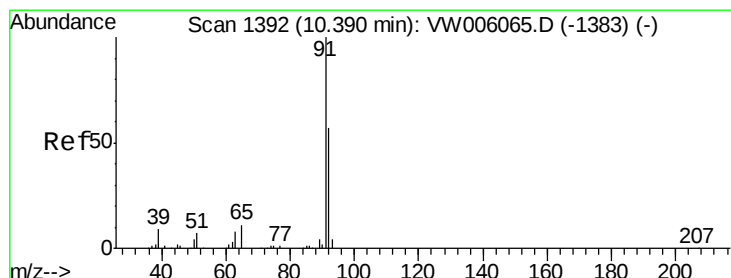
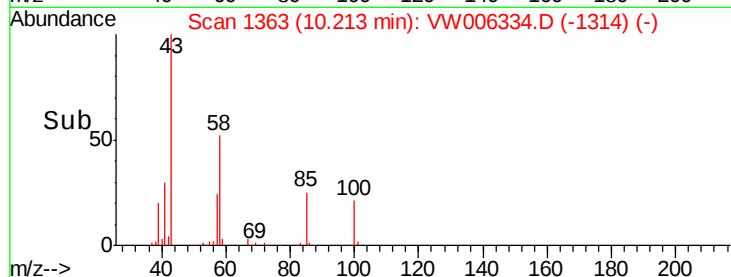
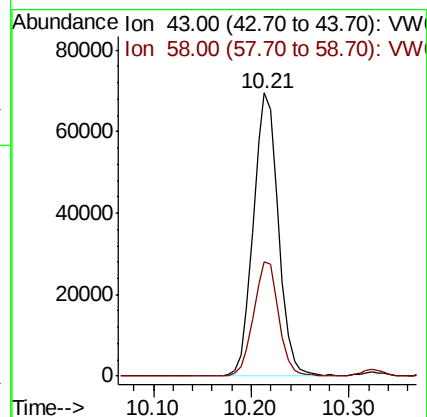
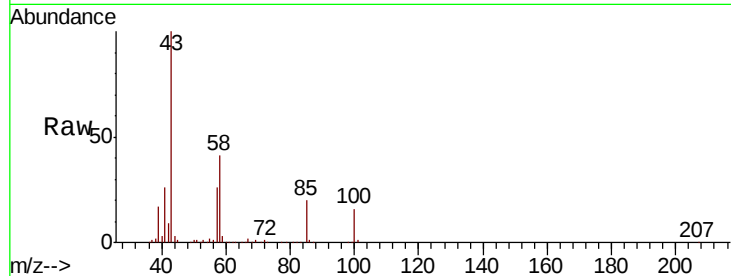
VW1024SBSD01

Tot Ion: 43 Resp: 123165

Ion Ratio Lower Upper

43 100

58 40.4 31.5 47.3



#52

Toluene

Concen: 22.292 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006334.D

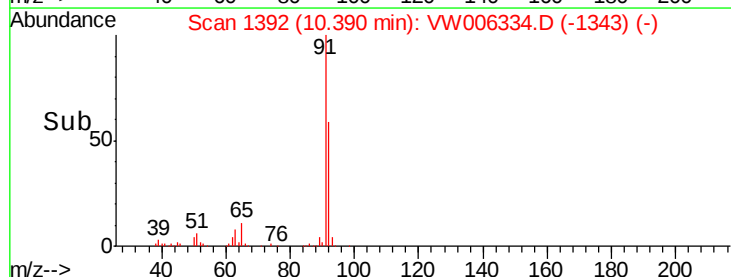
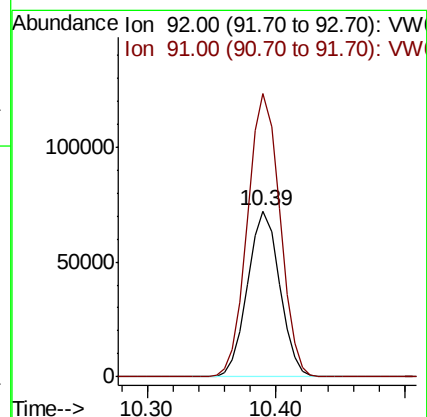
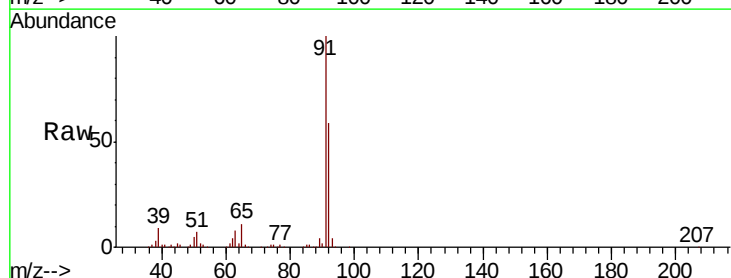
Acq: 25 Oct 2018 00:10

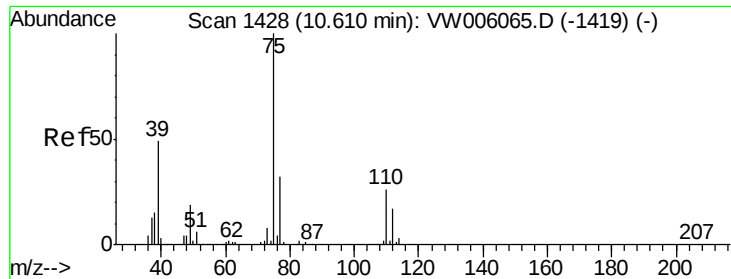
Tgt Ion: 92 Resp: 124064

Ion Ratio Lower Upper

92 100

91 172.8 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 19.528 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

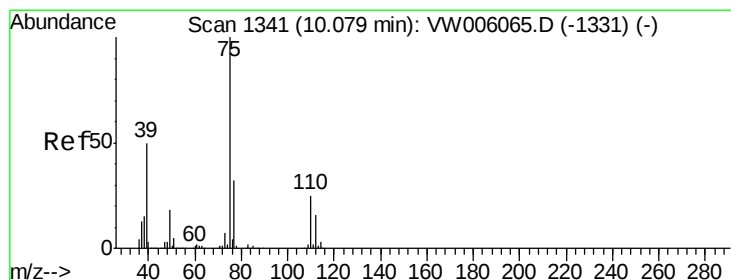
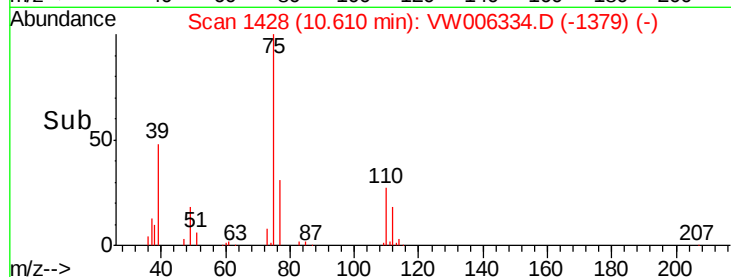
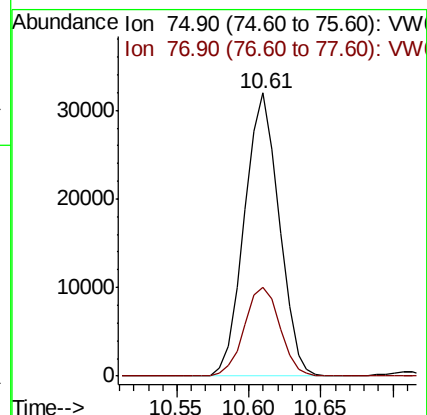
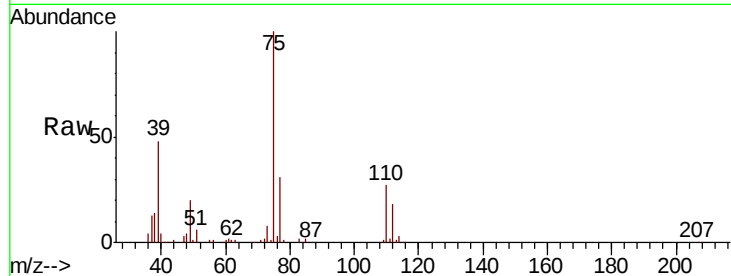
VW1024SBSD01

Tot Ion: 75 Resp: 53407

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.279 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

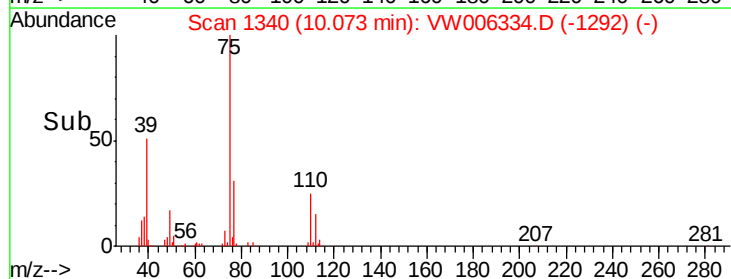
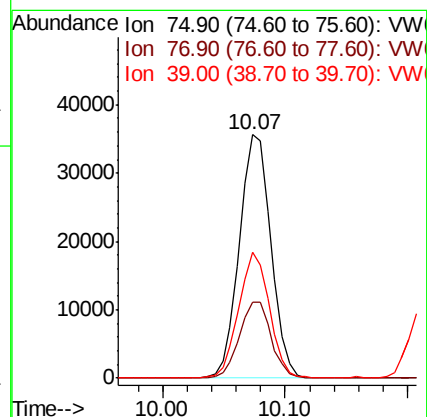
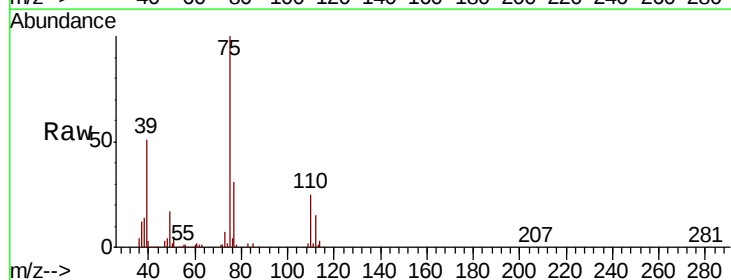
Tgt Ion: 75 Resp: 63653

Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8

39 51.2 39.9 59.9

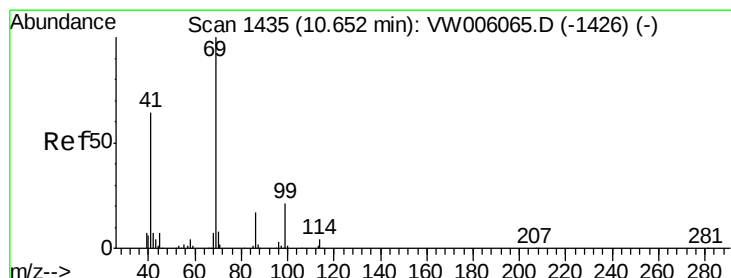
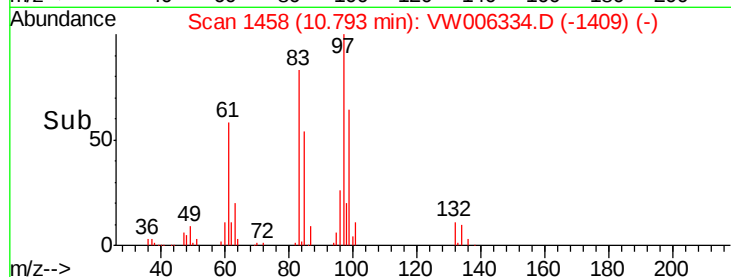
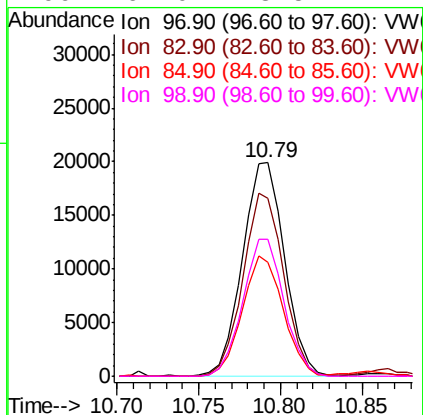
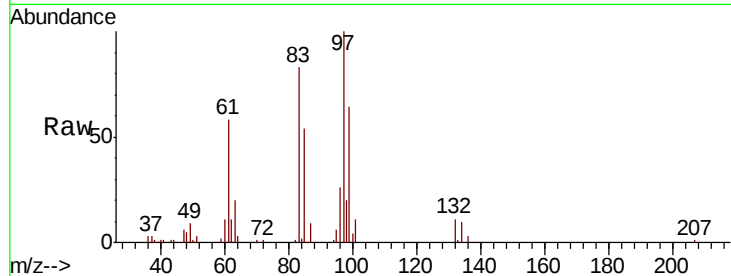




#55
 1,1,2-Trichloroethane
 Concen: 22.562 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006334.D
 Acq: 25 Oct 2018 00:10

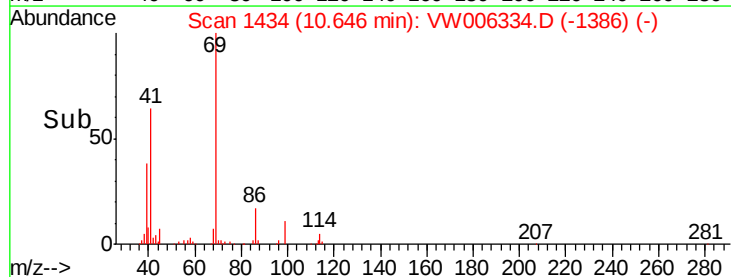
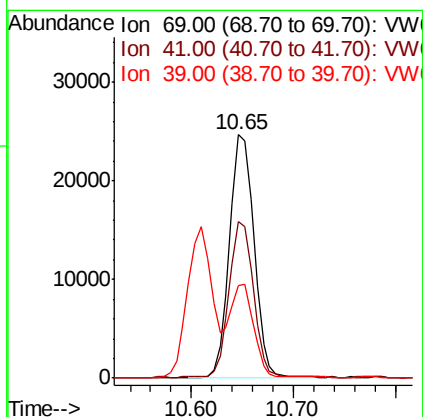
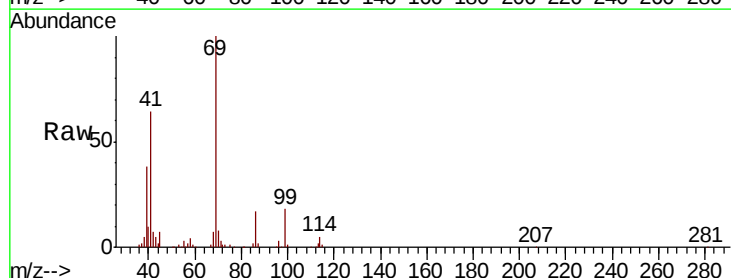
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBSD01

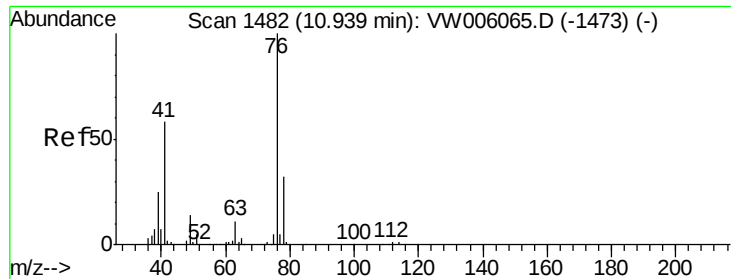
Tot Ion:	97	Resp:	35747
Ion	Ratio	Lower	Upper
97	100		
83	83.3	67.2	100.8
85	53.5	43.7	65.5
99	64.0	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 21.241 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006334.D
 Acq: 25 Oct 2018 00:10

Tgt Ion:	69	Resp:	41257
Ion	Ratio	Lower	Upper
69	100		
41	63.2	52.8	79.2
39	38.0	30.6	45.8

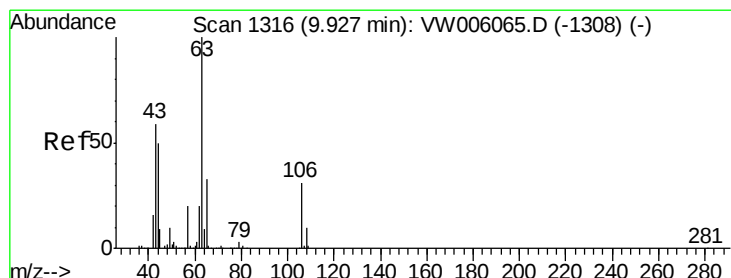
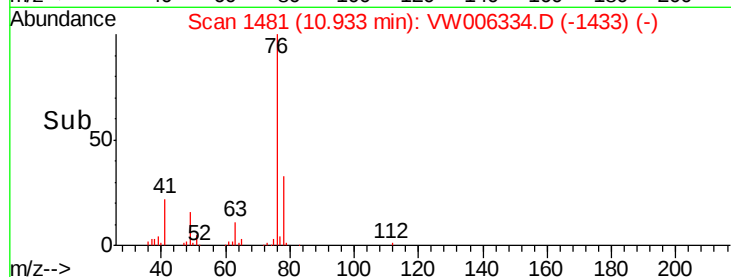
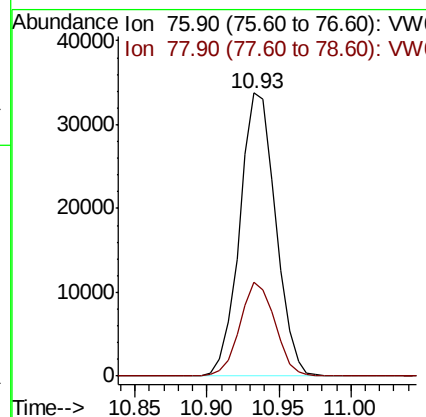
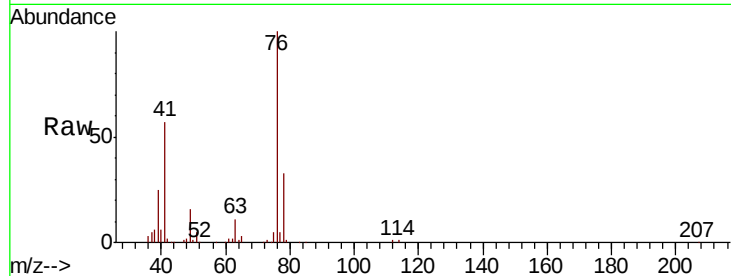




#57
 1,3-Dichloropropane
 Concen: 22.310 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006334.D
 Acq: 25 Oct 2018 00:10

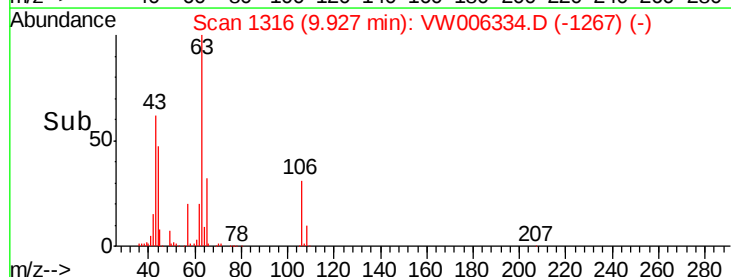
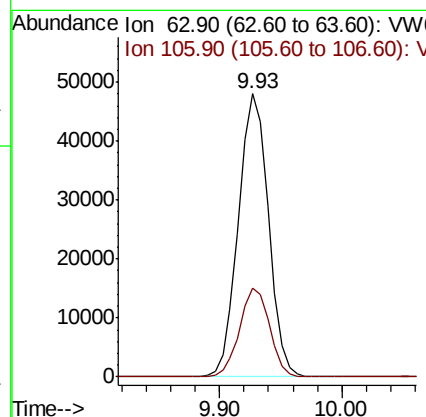
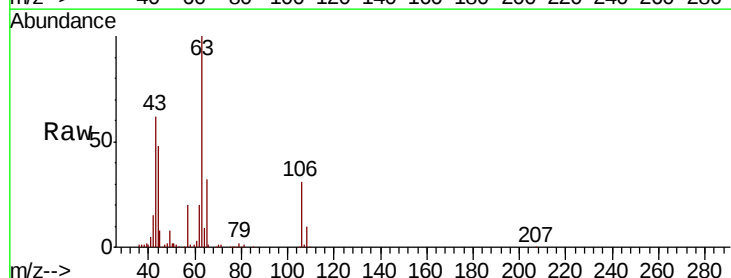
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBSD01

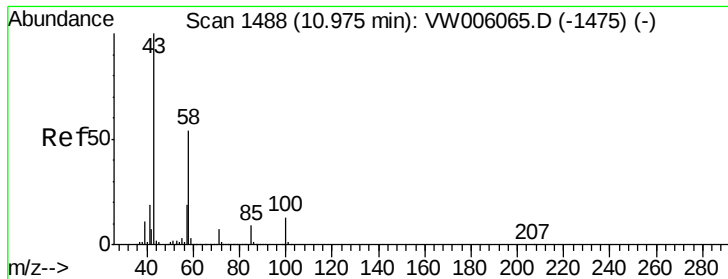
Tot Ion: 76 Resp: 58515
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 109.848 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006334.D
 Acq: 25 Oct 2018 00:10

Tgt Ion: 63 Resp: 81528
 Ion Ratio Lower Upper
 63 100
 106 31.2 24.5 36.7

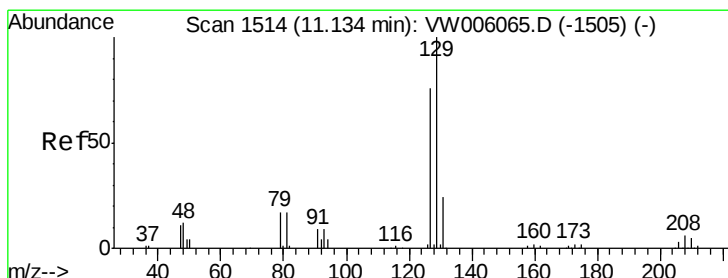
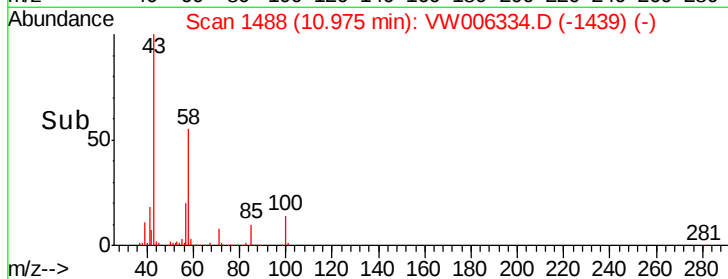
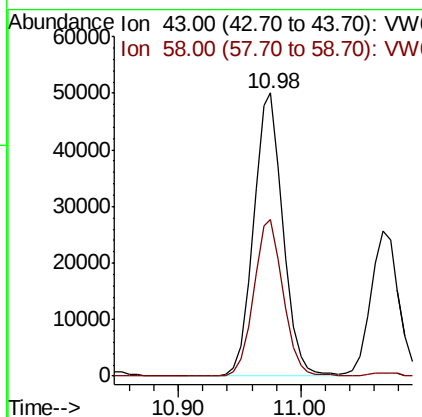
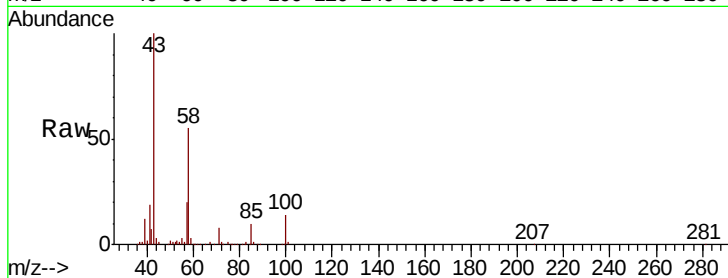




#59
2-Hexanone
Concen: 101.618 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

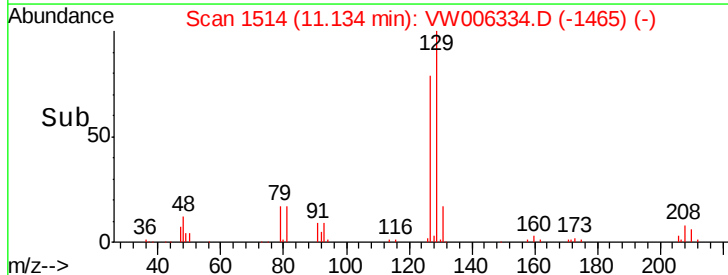
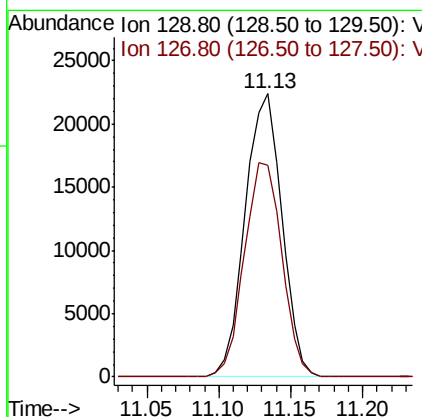
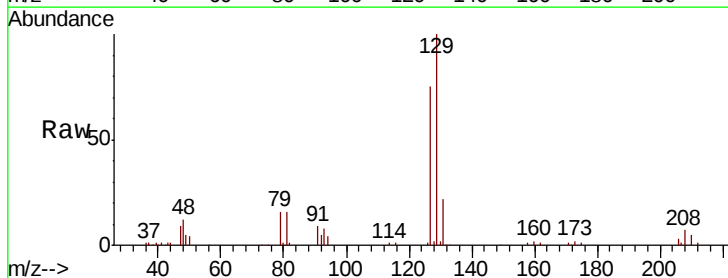
Instrument :
MSVOA_W
ClientSampleId :
VW1024SBSD01

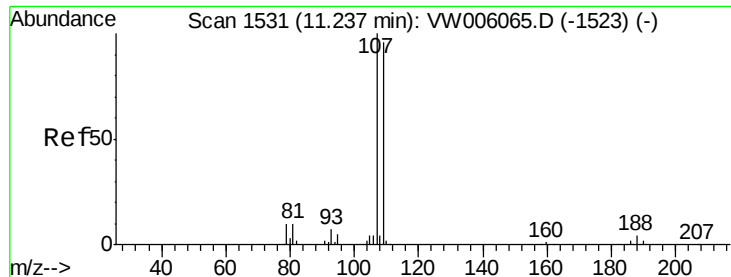
Tot Ion: 43 Resp: 83556
Ion Ratio Lower Upper
43 100
58 55.6 26.9 80.6



#60
Dibromochloromethane
Concen: 20.028 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion:129 Resp: 39526
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.7

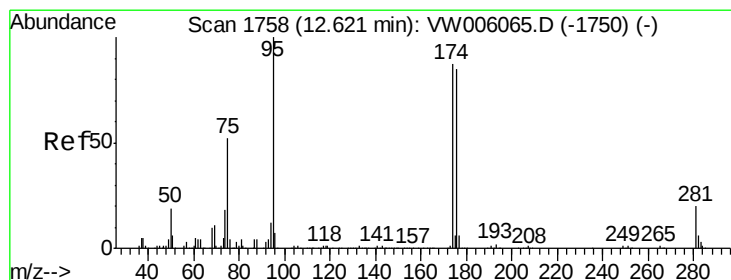
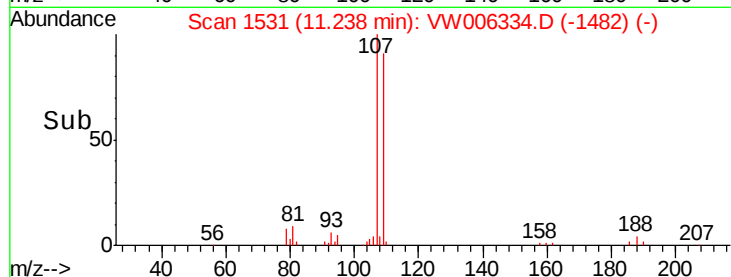
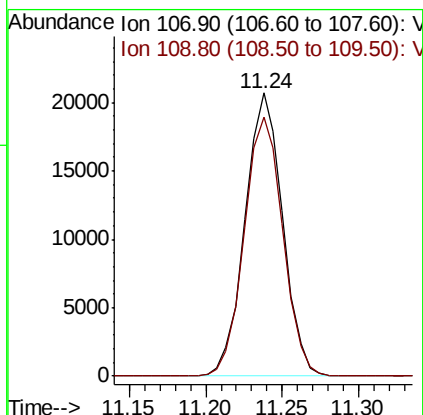
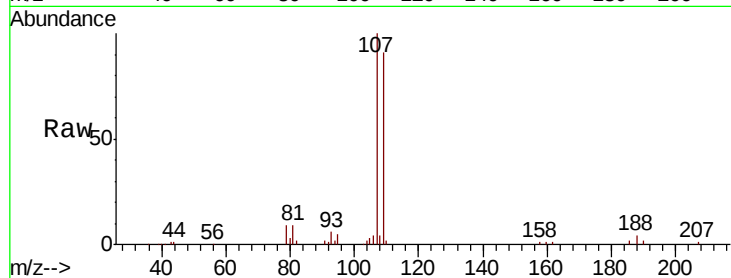




#61
 1,2-Dibromoethane
 Concen: 22.282 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006334.D
 Acq: 25 Oct 2018 00:10

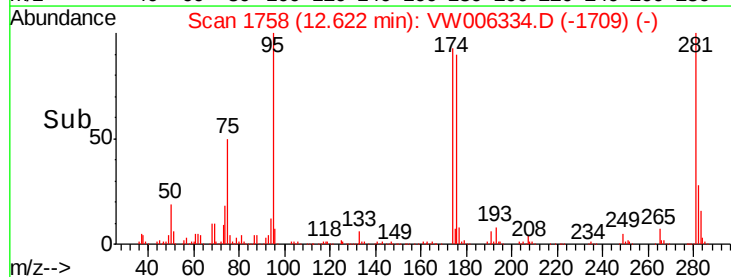
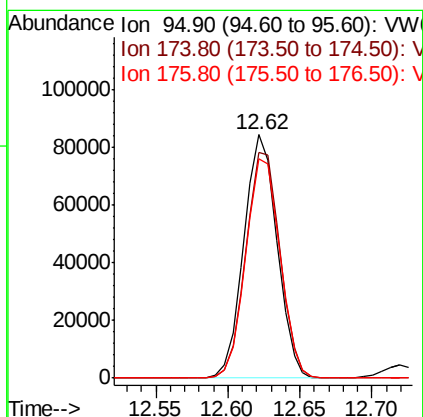
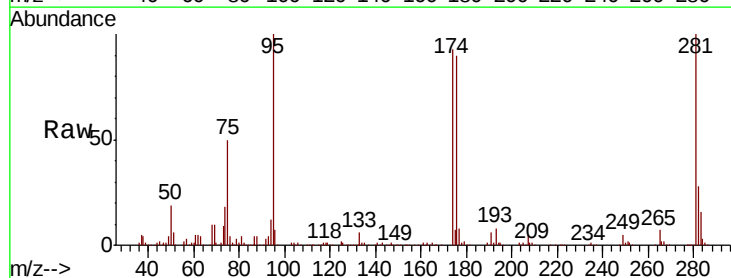
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBSD01

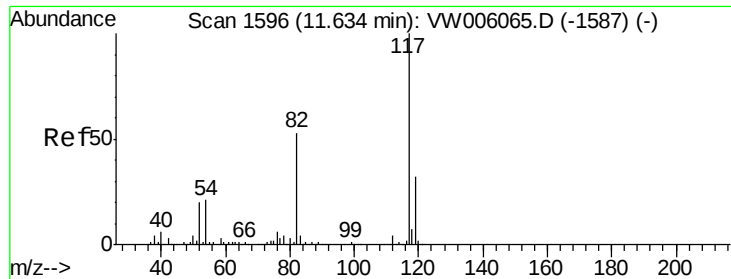
Tot Ion:107 Resp: 35274
 Ion Ratio Lower Upper
 107 100
 109 94.1 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 48.366 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006334.D
 Acq: 25 Oct 2018 00:10

Tgt Ion: 95 Resp: 134086
 Ion Ratio Lower Upper
 95 100
 174 95.2 0.0 186.0
 176 93.1 0.0 181.6

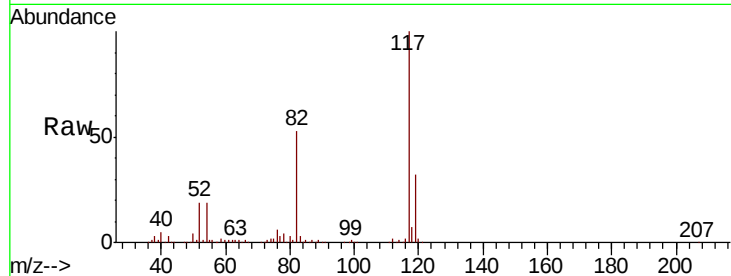




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.1	63.1
119	32.2	25.8	38.6

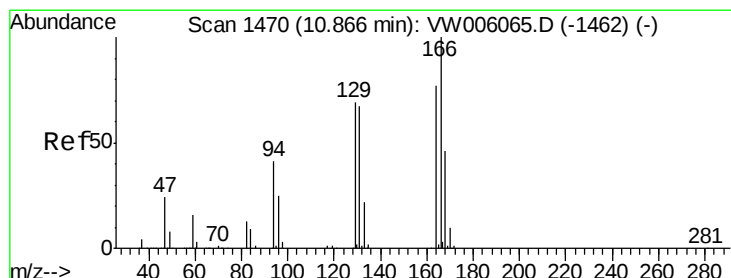
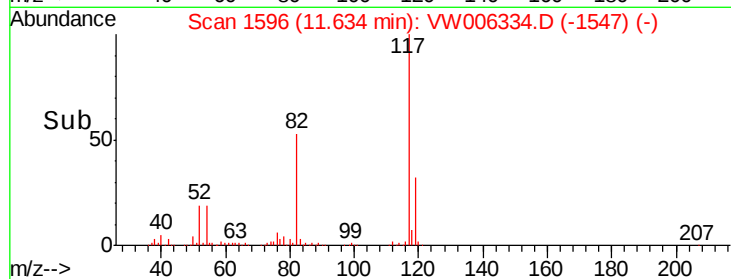
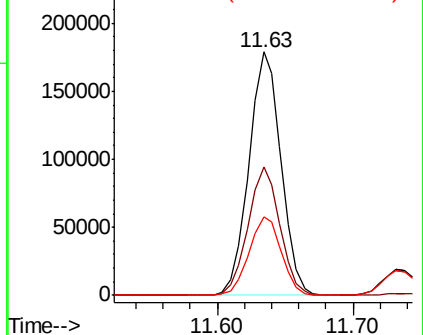


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 22.957 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	103.4	155.0
129	88.1	71.8	107.8
131	84.7	69.5	104.3

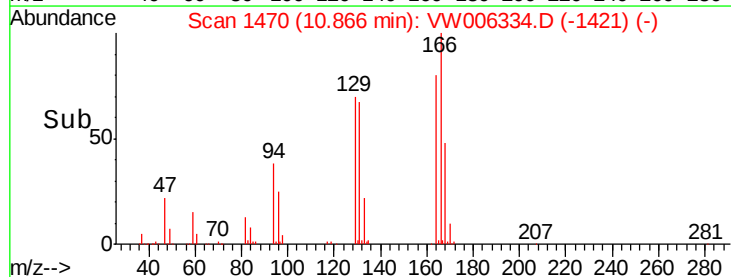
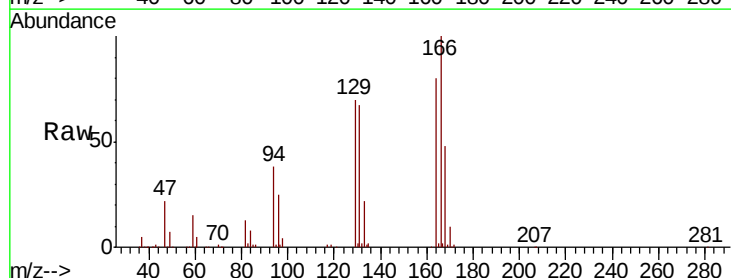
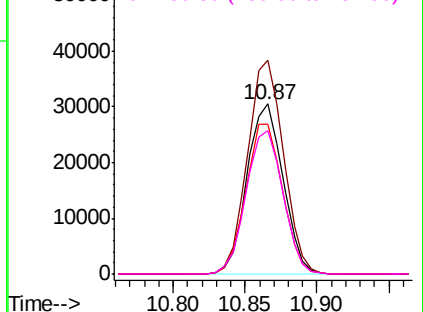
Abundance

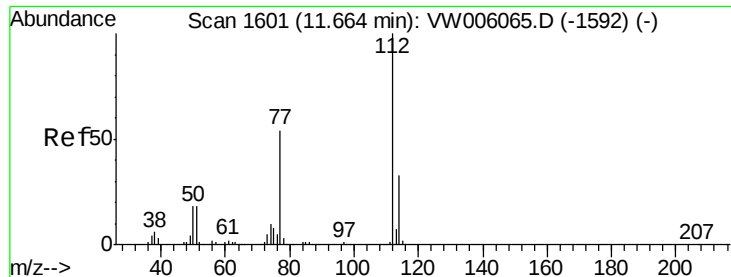
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

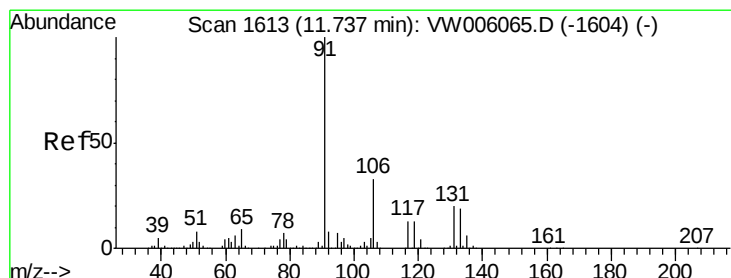
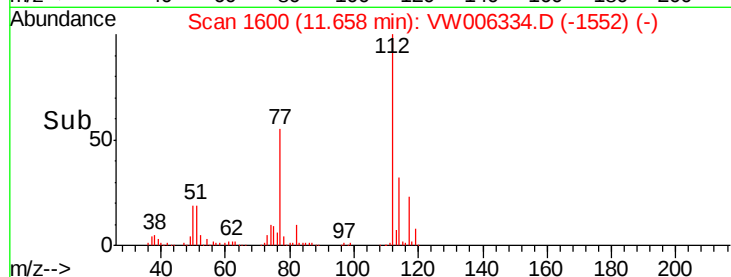
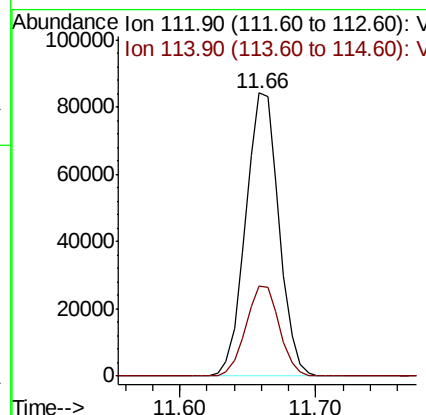
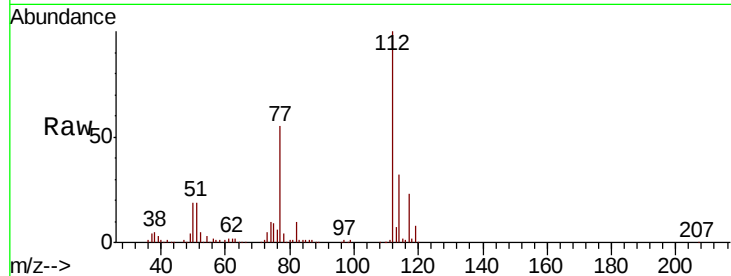




#65
Chlorobenzene
Concen: 22.768 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

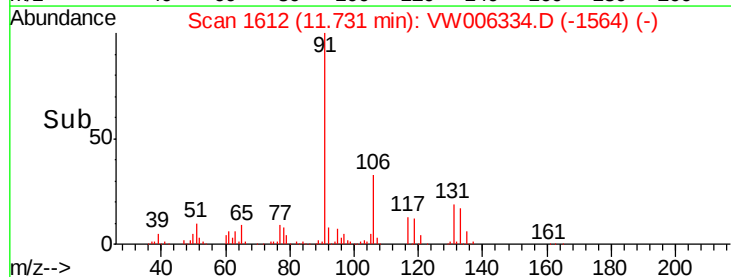
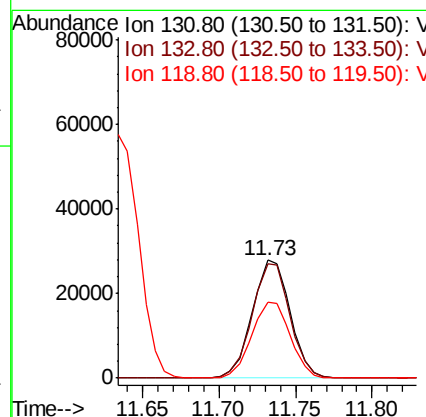
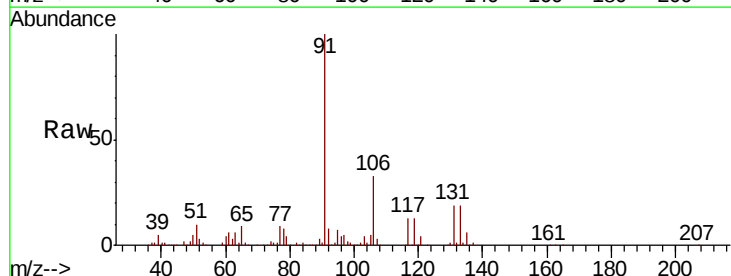
Instrument :
MSVOA_W
ClientSampleId :
VW1024SBSD01

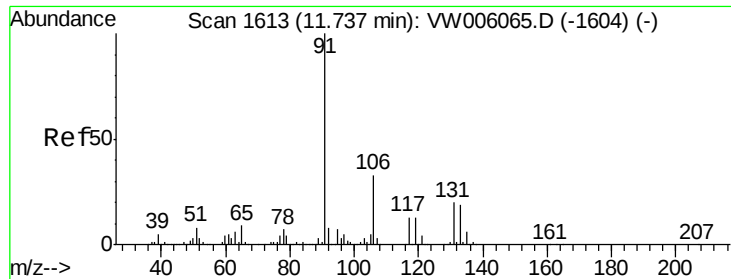
Tot Ion:112 Resp: 144009
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.392 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion:131 Resp: 48085
Ion Ratio Lower Upper
131 100
133 96.7 48.1 144.3
119 65.5 31.6 94.7

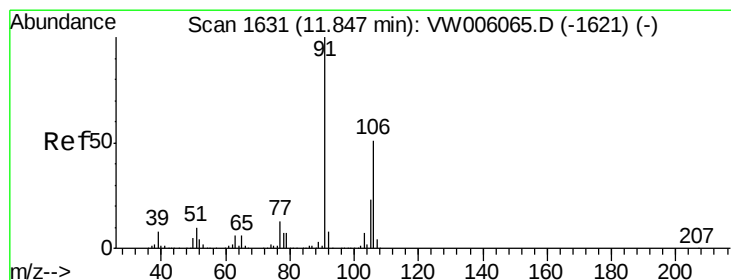
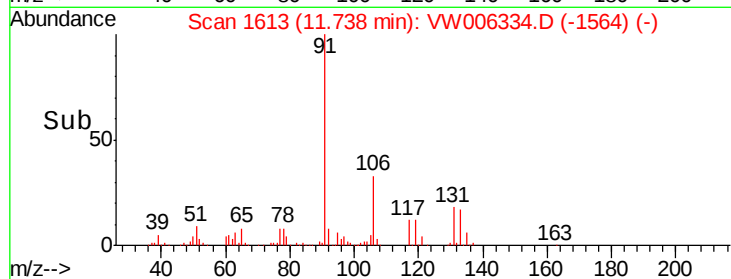
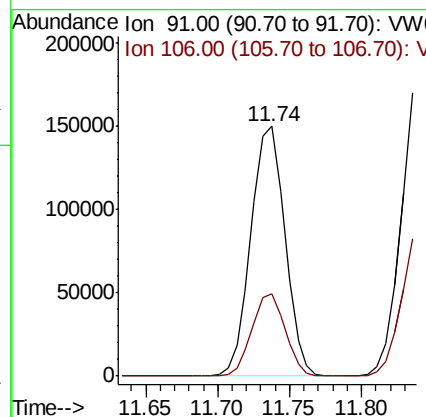
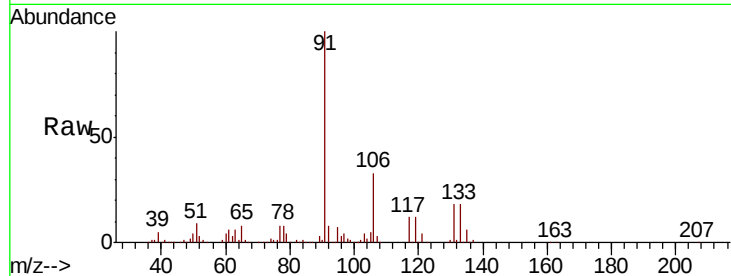




#67
Ethyl Benzene
Concen: 22.355 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

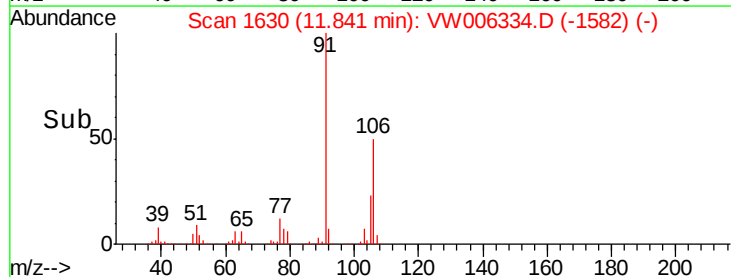
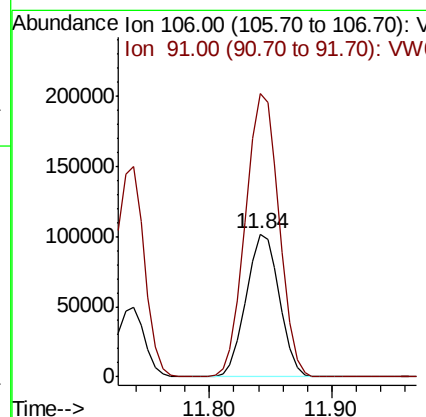
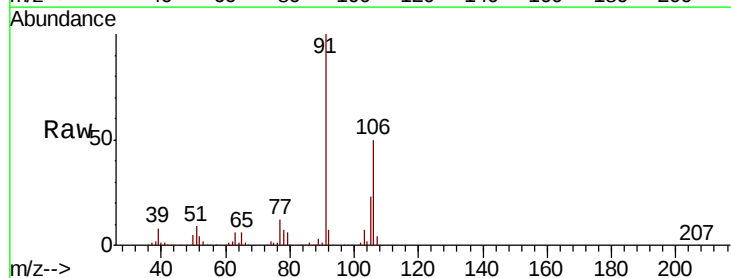
Instrument :
MSVOA_W
ClientSampleId :
VW1024SBSD01

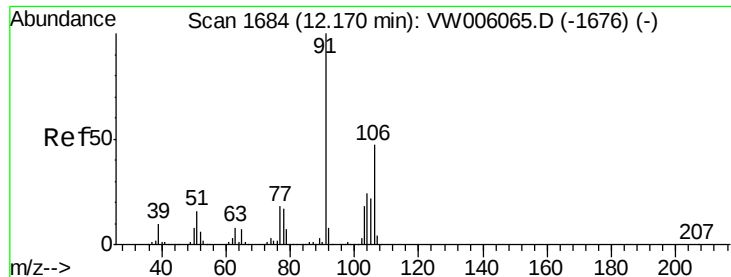
Tot Ion: 91 Resp: 245037
Ion Ratio Lower Upper
91 100
106 32.8 26.1 39.1



#68
m/p-Xylenes
Concen: 44.447 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion: 106 Resp: 192568
Ion Ratio Lower Upper
106 100
91 199.9 159.1 238.7

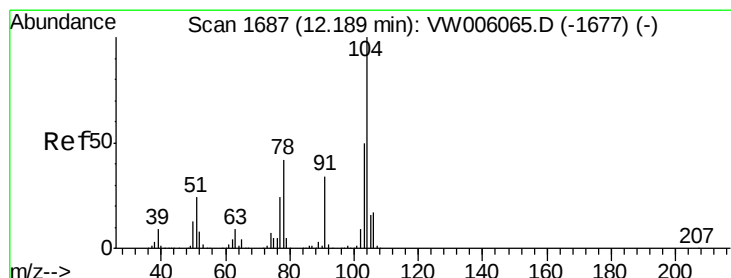
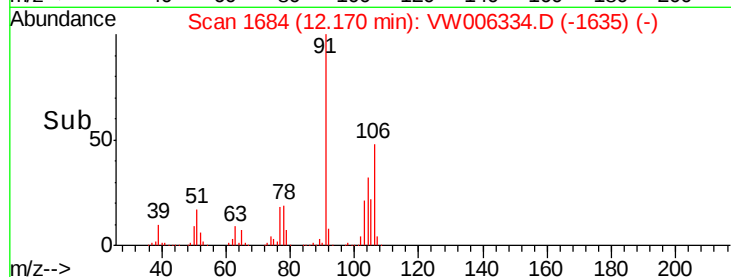
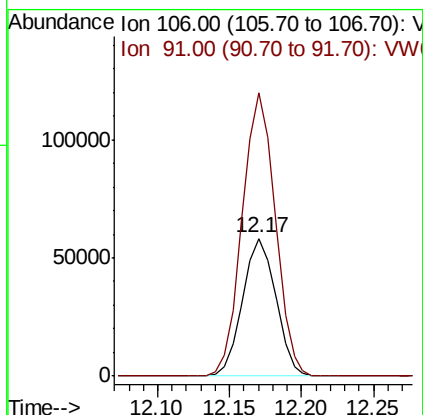
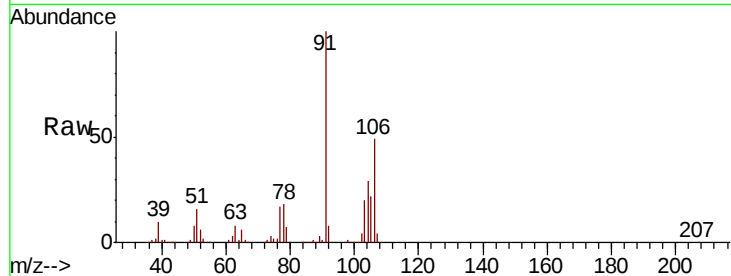




#69
o-Xylene
Concen: 22.537 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

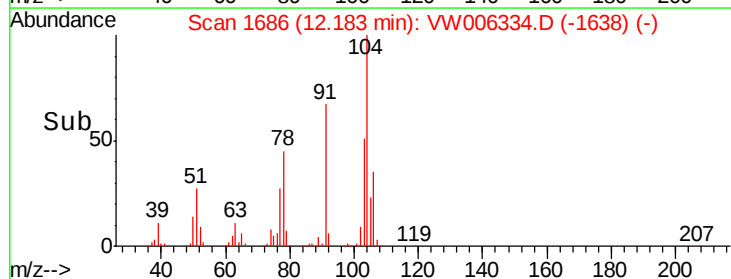
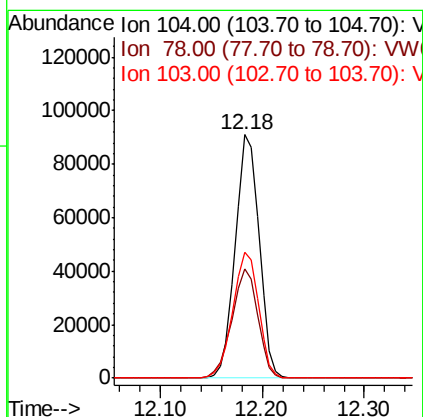
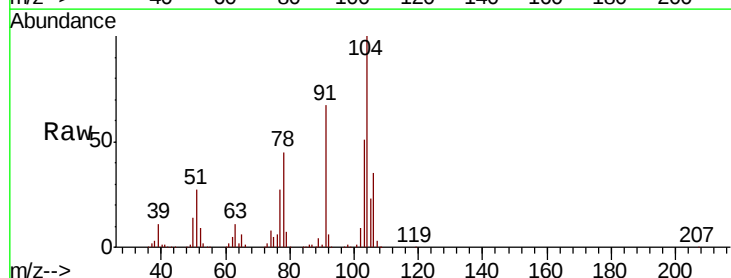
Instrument :
MSVOA_W
ClientSampleId :
VW1024SBSD01

Tot Ion:106 Resp: 93055
Ion Ratio Lower Upper
106 100
91 205.2 105.4 316.1



#70
Styrene
Concen: 21.893 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion:104 Resp: 146996
Ion Ratio Lower Upper
104 100
78 48.7 39.1 58.7
103 55.7 44.3 66.5

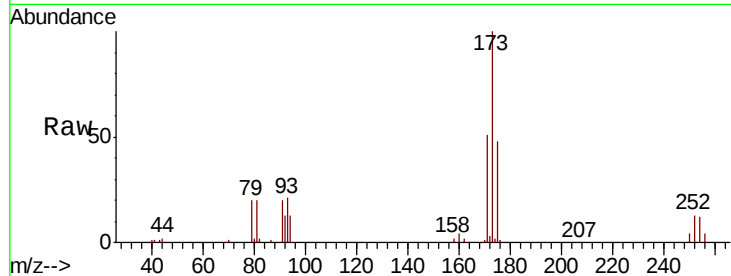




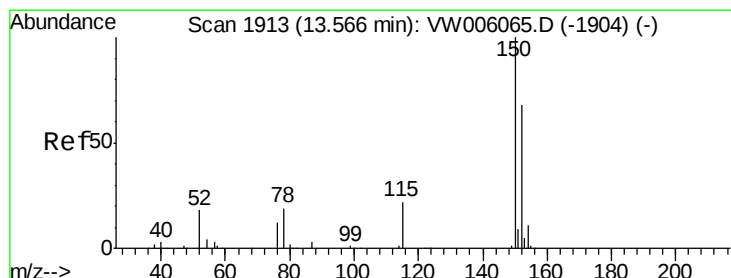
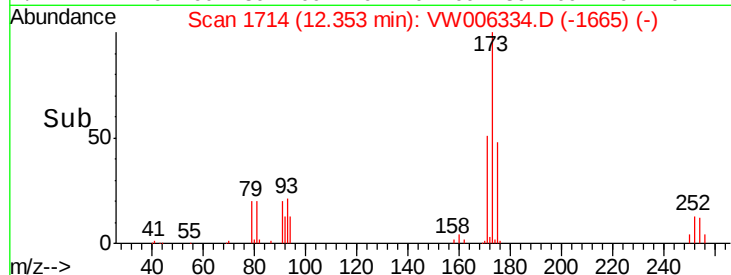
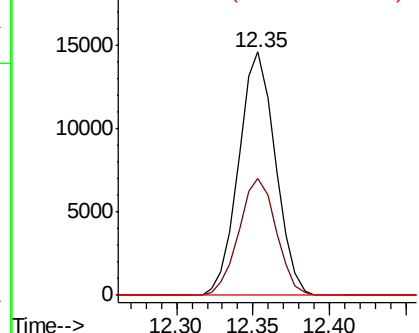
#71
Bromoform
Concen: 19.422 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBSD01

Tot Ion:173 Resp: 24350
Ion Ratio Lower Upper
173 100
175 49.0 24.2 72.6
254 0.0 0.1 0.1#

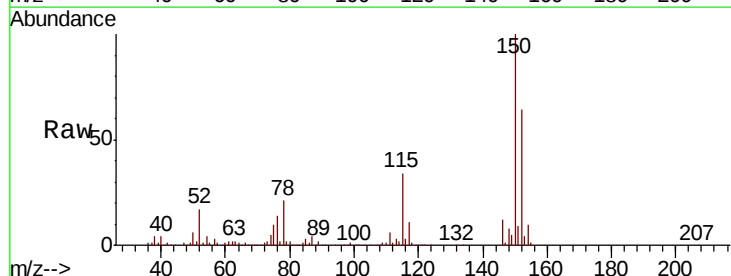


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

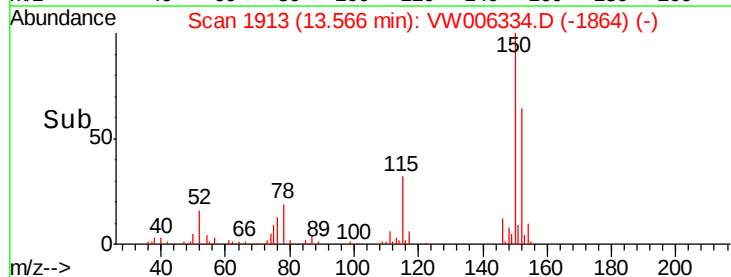
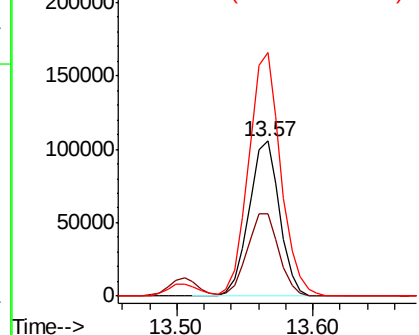


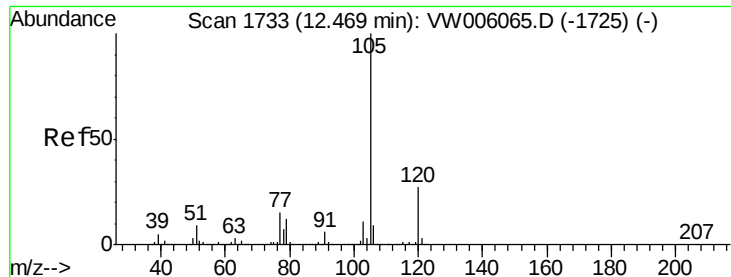
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion:152 Resp: 166341
Ion Ratio Lower Upper
152 100
115 55.2 27.8 83.3
150 164.4 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: 21.764 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

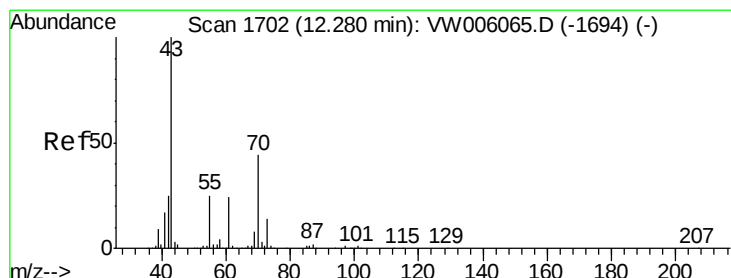
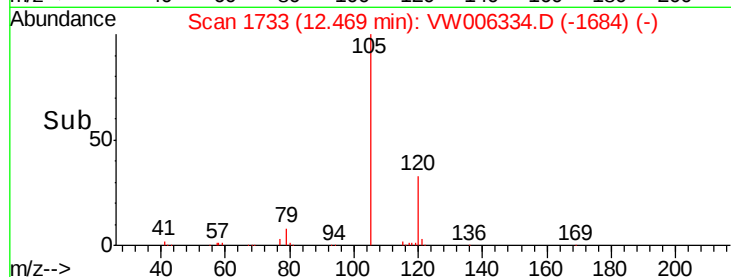
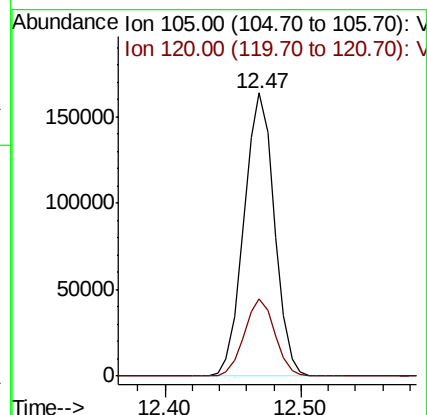
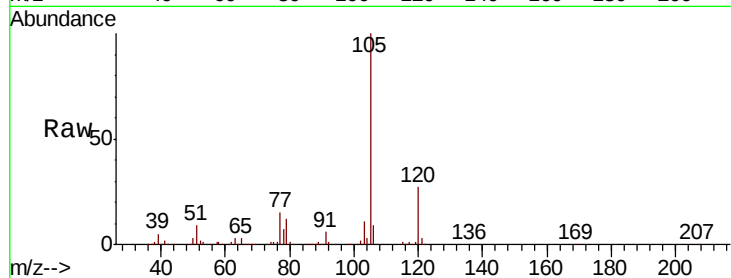
VW1024SBSD01

Tot Ion:105 Resp: 255761

Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.7



#74

N-ethyl acetate

Concen: 20.509 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Tgt Ion: 43 Resp: 46810

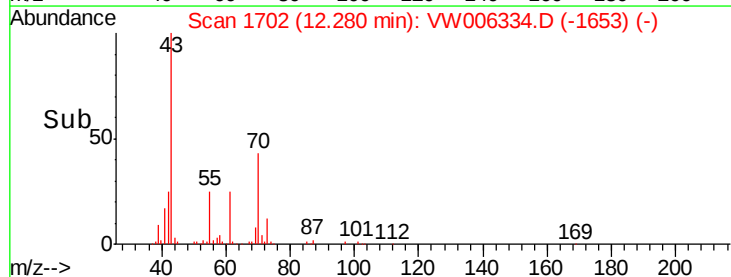
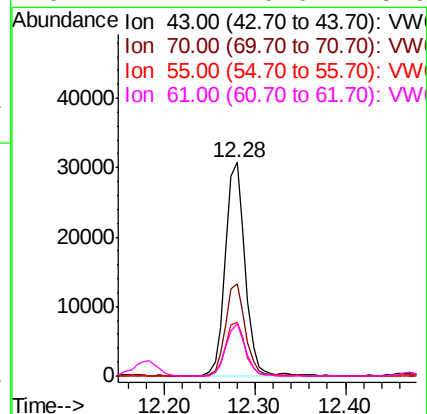
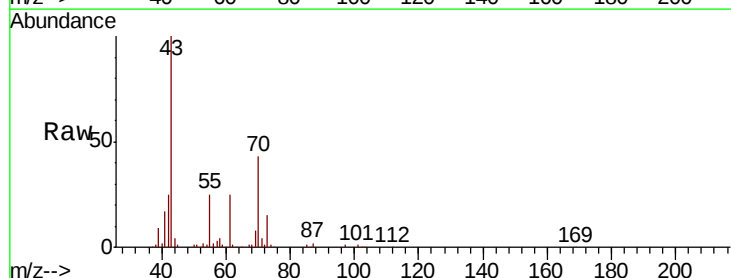
Ion Ratio Lower Upper

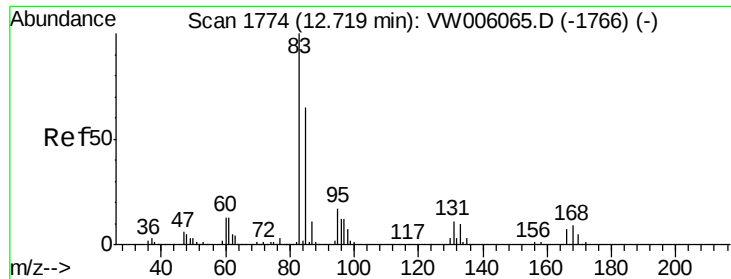
43 100

70 42.9 34.2 51.4

55 25.8 19.2 28.8

61 24.1 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 22.787 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBSD01

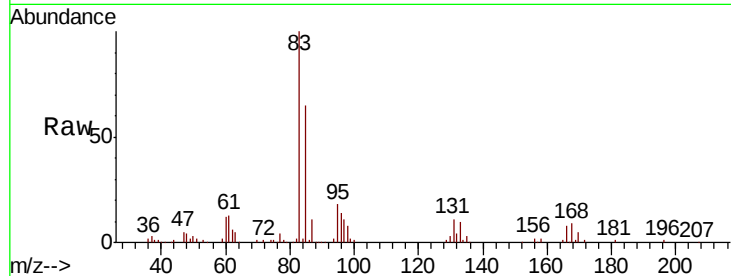
Tot Ion: 83 Resp: 40728

Ion Ratio Lower Upper

83 100

131 11.5 5.9 17.7

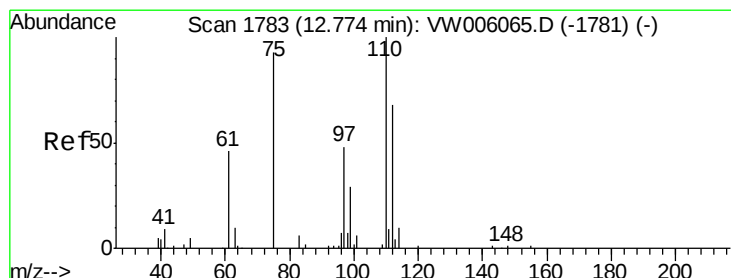
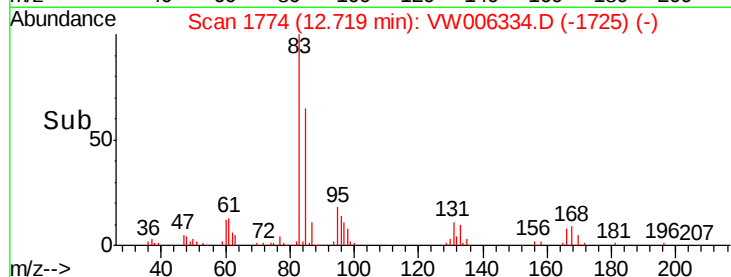
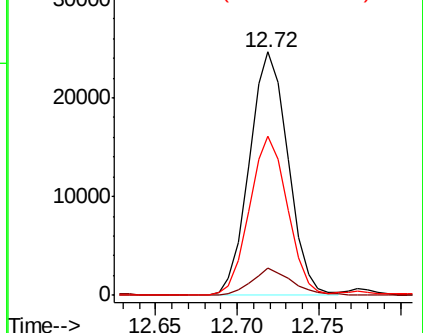
85 63.9 31.9 95.9



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: 39.286 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006334.D

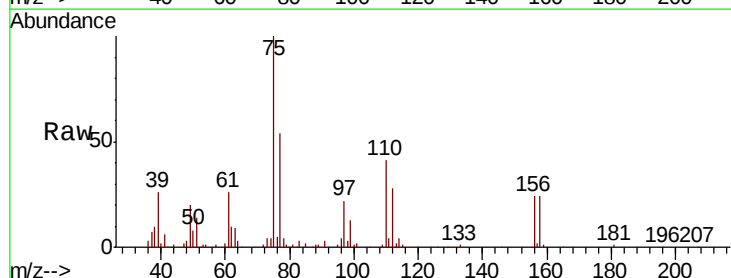
Acq: 25 Oct 2018 00:10

Tgt Ion: 75 Resp: 49913

Ion Ratio Lower Upper

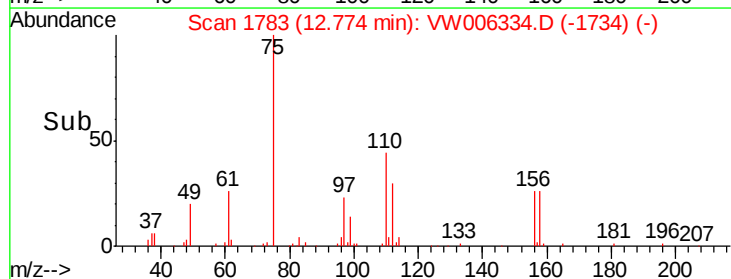
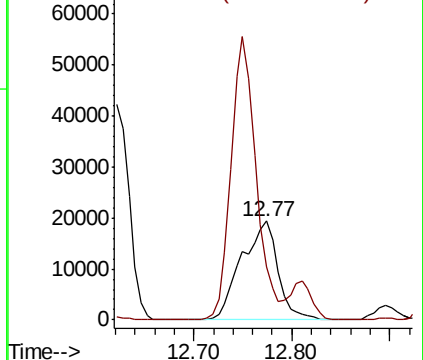
75 100

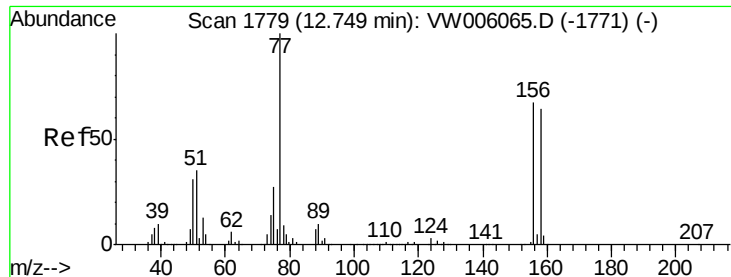
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 22.347 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBSD01

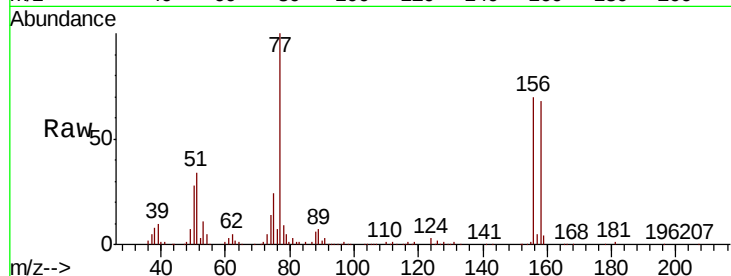
Tot Ion:156 Resp: 64323

Ion Ratio Lower Upper

156 100

77 153.6 79.1 237.4

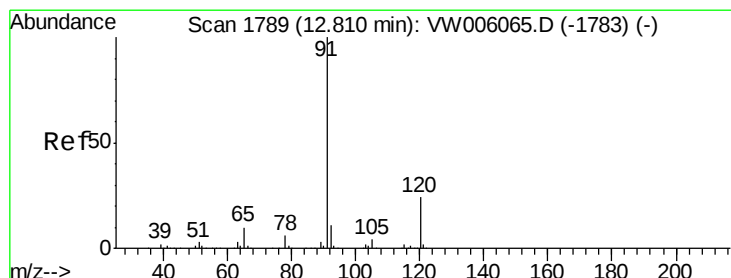
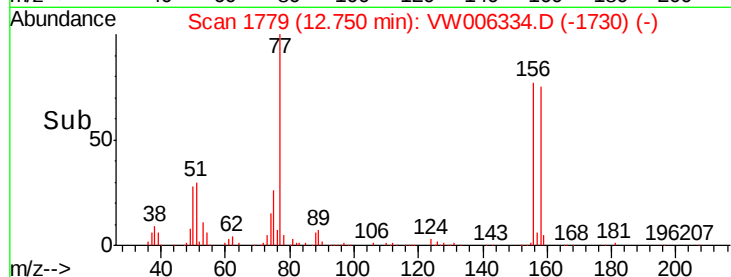
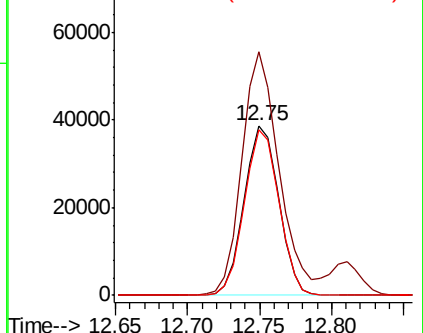
158 97.7 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.047 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006334.D

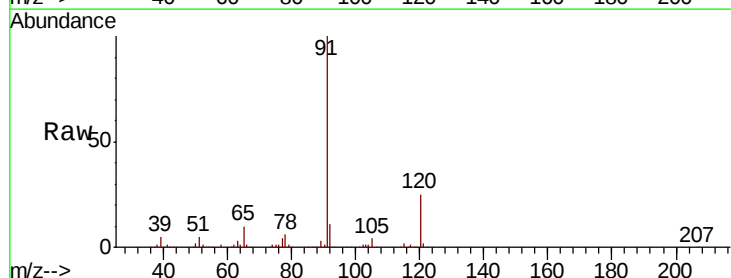
Acq: 25 Oct 2018 00:10

Tgt Ion: 91 Resp: 301424

Ion Ratio Lower Upper

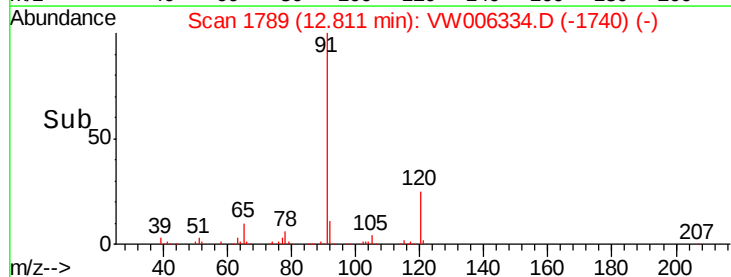
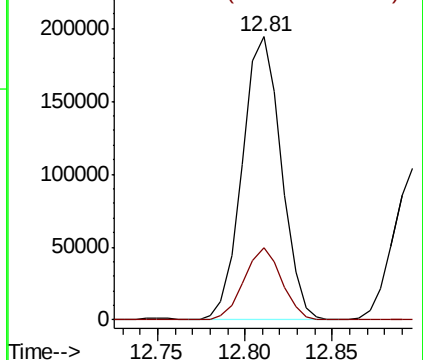
91 100

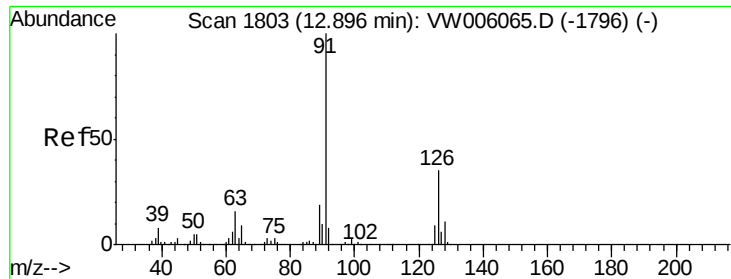
120 24.5 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.959 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

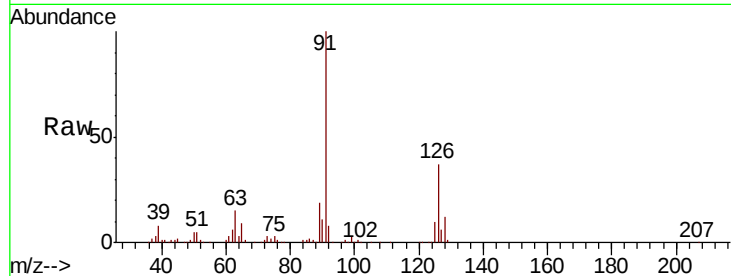
VW1024SBSD01

Tot Ion: 91 Resp: 168682

Ion Ratio Lower Upper

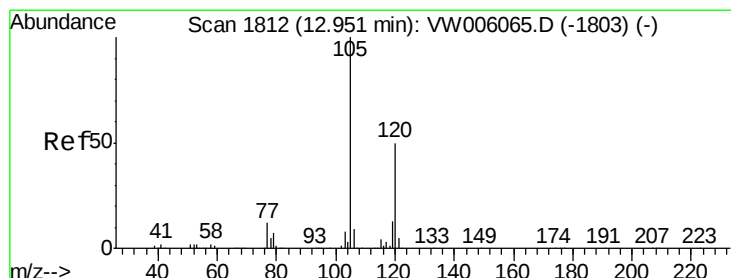
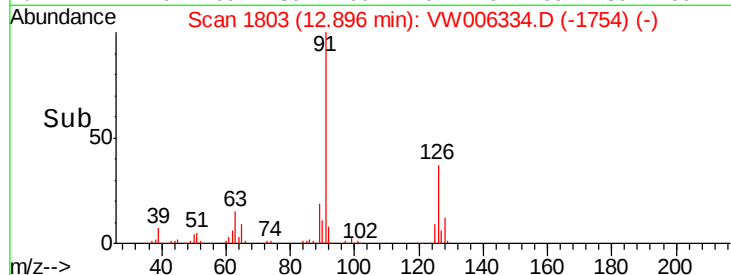
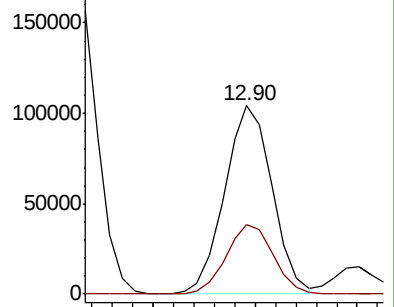
91 100

126 36.7 17.9 53.8



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: 21.819 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006334.D

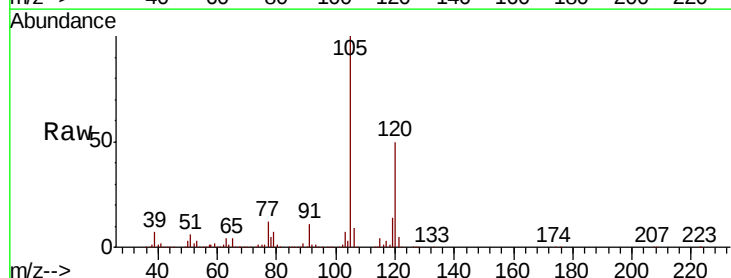
Acq: 25 Oct 2018 00:10

Tgt Ion:105 Resp: 216160

Ion Ratio Lower Upper

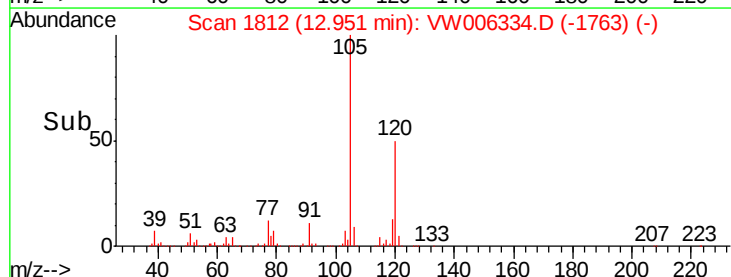
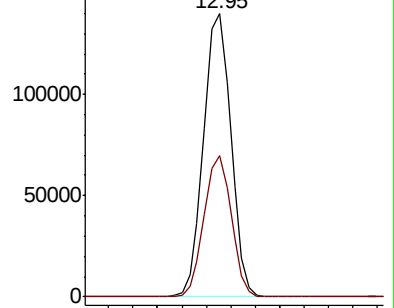
105 100

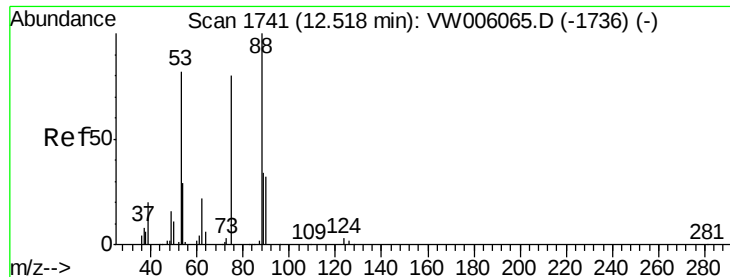
120 49.9 24.9 74.6



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: 17.706 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBSD01

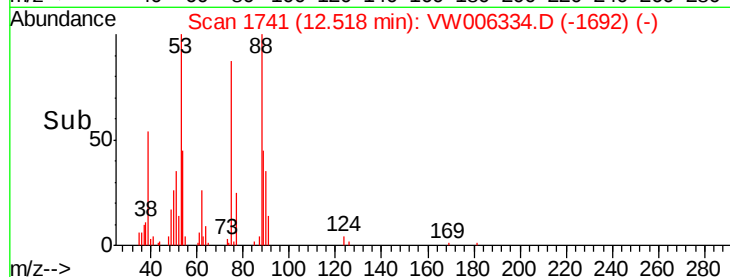
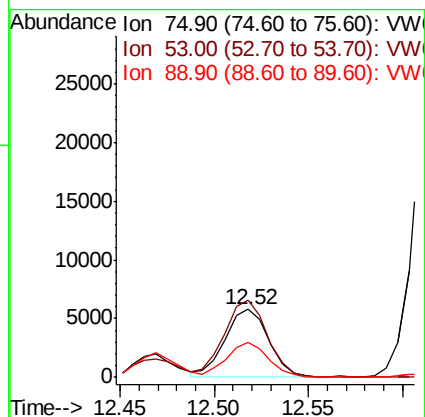
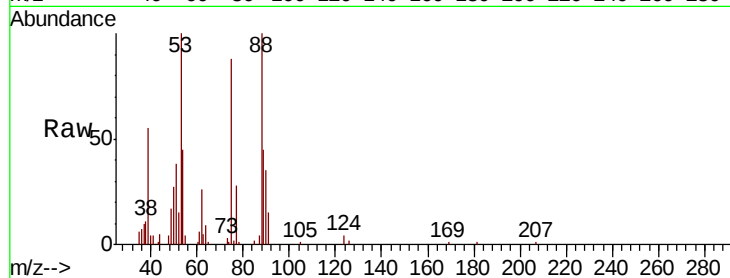
Tot Ion: 75 Resp: 9411

Ion Ratio Lower Upper

75 100

53 112.5 79.8 119.6

89 47.9 37.5 56.3



#82

4-Chlorotoluene

Concen: 22.153 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006334.D

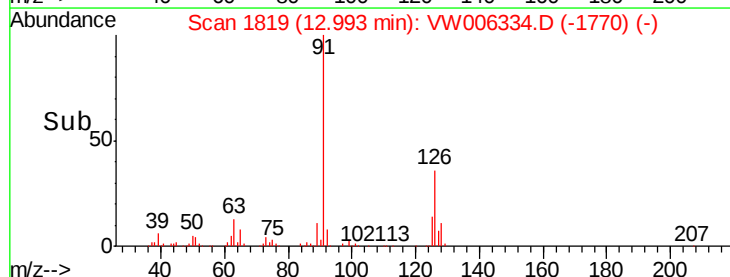
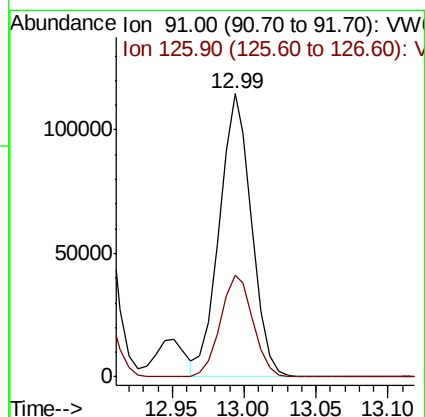
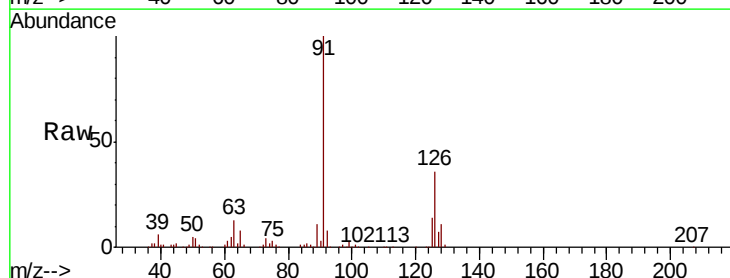
Acq: 25 Oct 2018 00:10

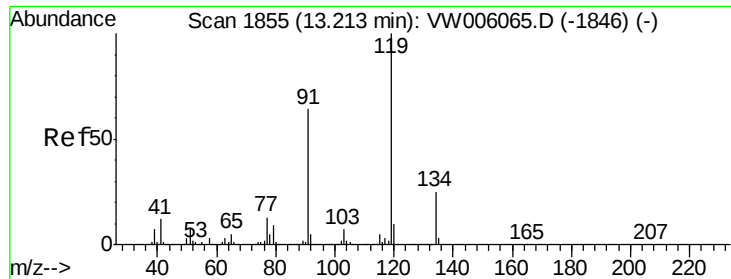
Tgt Ion: 91 Resp: 178264

Ion Ratio Lower Upper

91 100

126 36.6 18.1 54.3





#83

tert-Butylbenzene

Concen: 21.830 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBSD01

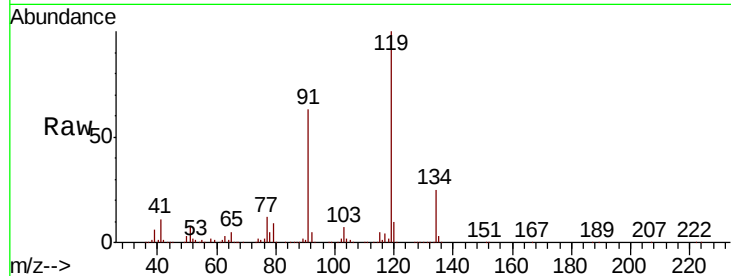
Tot Ion:119 Resp: 193489

Ion Ratio Lower Upper

119 100

91 61.8 32.3 96.9

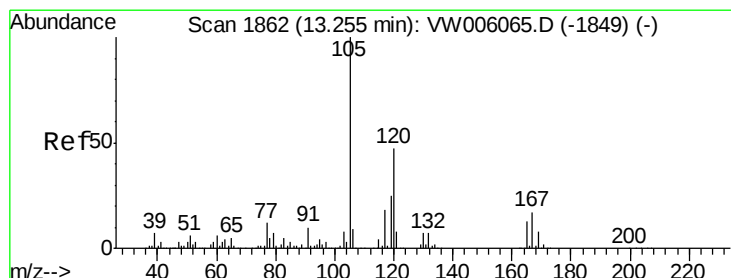
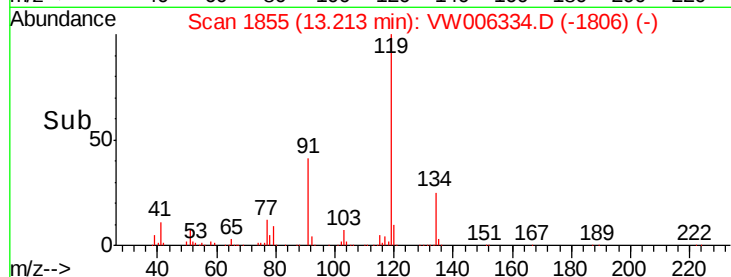
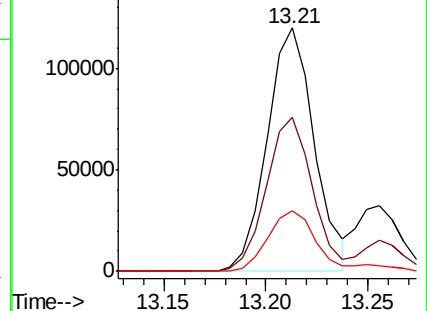
134 25.2 13.6 40.8



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: 22.024 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW006334.D

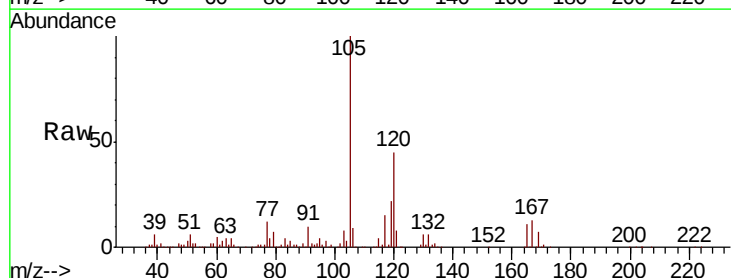
Acq: 25 Oct 2018 00:10

Tgt Ion:105 Resp: 220785

Ion Ratio Lower Upper

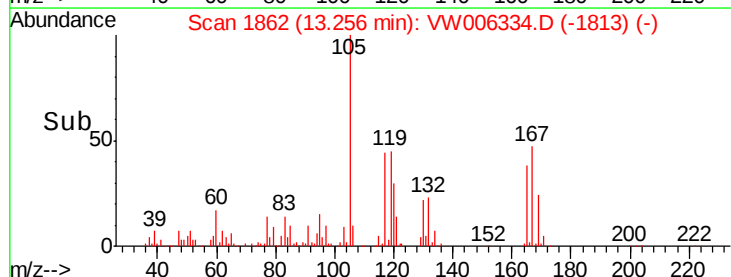
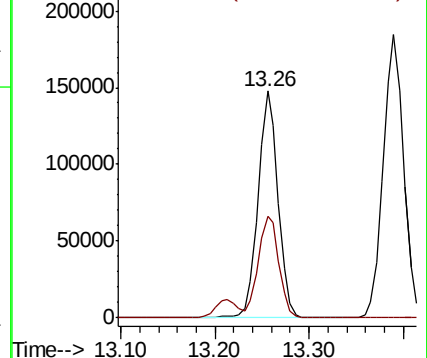
105 100

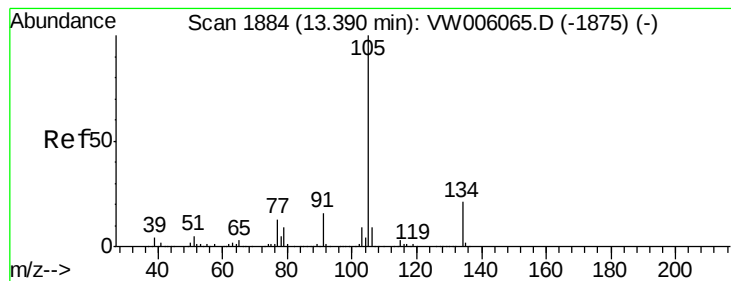
120 46.2 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 22.049 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

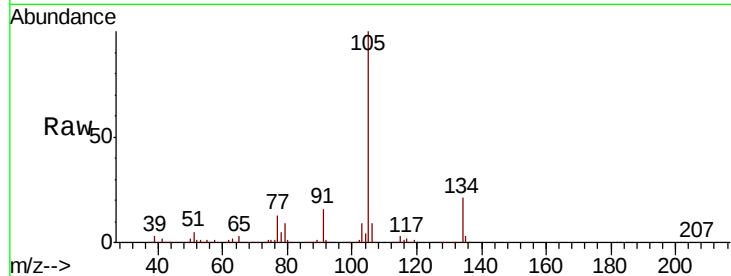
VW1024SBSD01

Tot Ion:105 Resp: 276098

Ion Ratio Lower Upper

105 100

134 21.1 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.39

200000

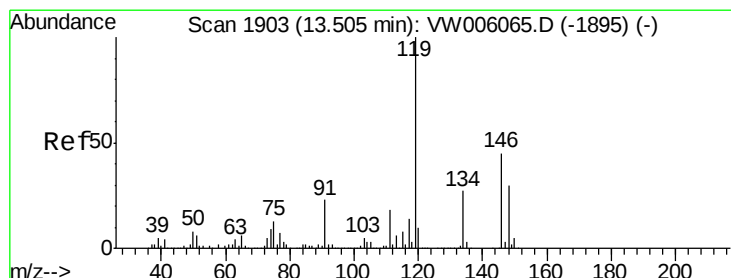
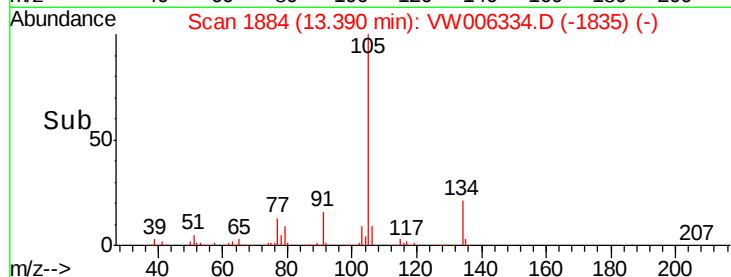
150000

100000

50000

0

Time--> 13.30 13.40



#86

p-Isopropyltoluene

Concen: 22.019 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

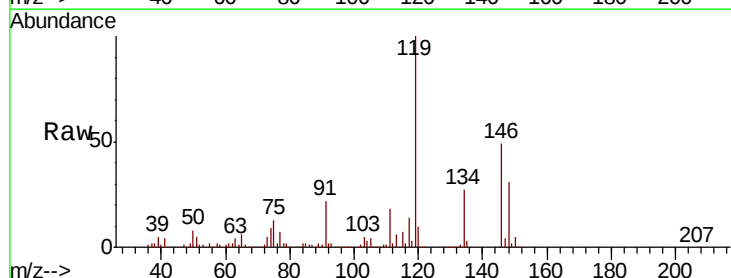
Tgt Ion:119 Resp: 249394

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 22.4 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.51

200000

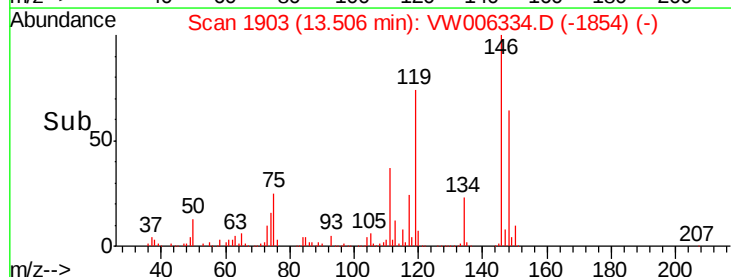
150000

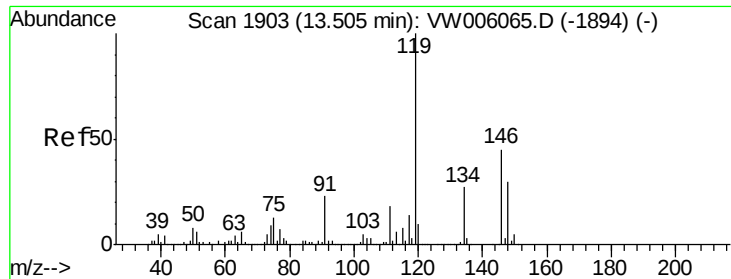
100000

50000

0

Time--> 13.45 13.55





#87

1,3-Dichlorobenzene

Concen: 22.233 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

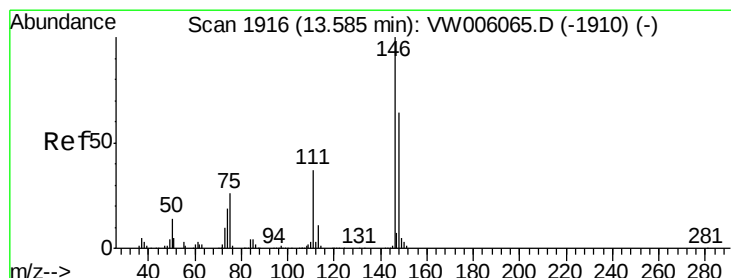
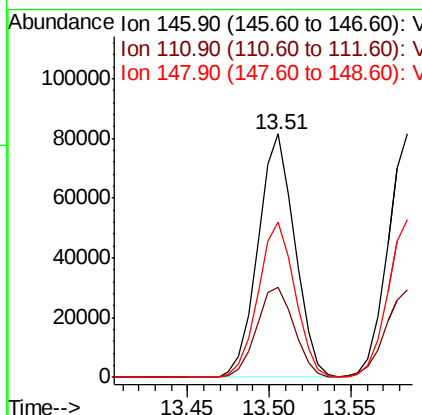
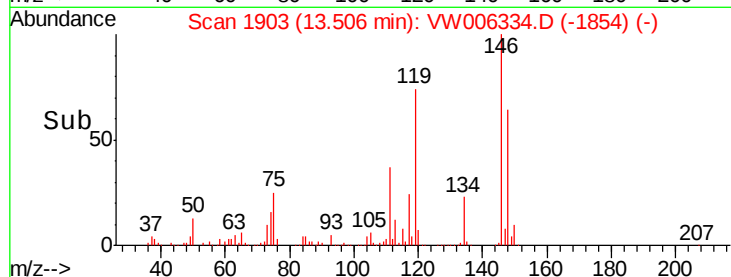
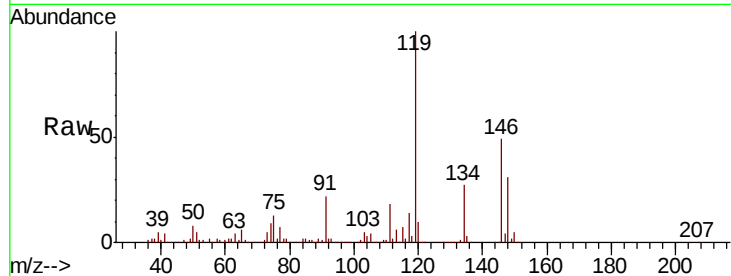
Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBSD01

Tot Ion:146 Resp: 127357

Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.5
148	63.9	32.0	96.2



#88

1,4-Dichlorobenzene

Concen: 22.230 ug/l

RT: 13.58 min Scan# 1916

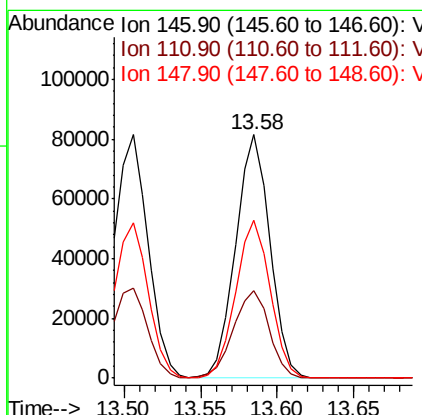
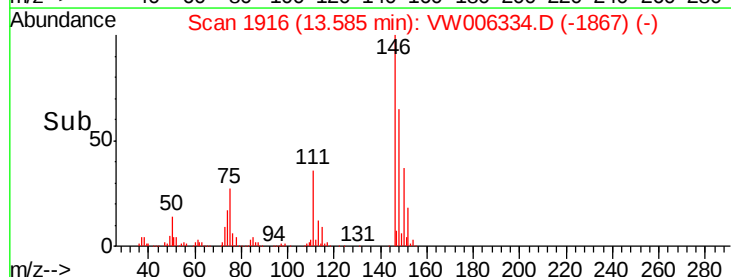
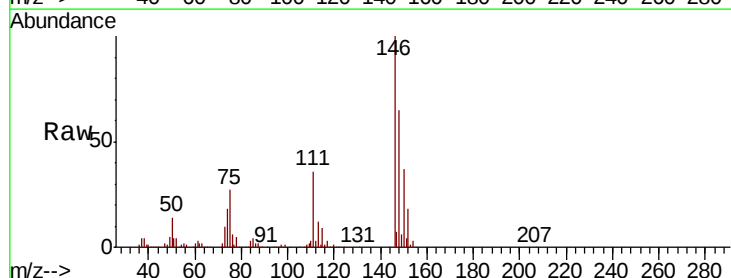
Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Tgt Ion:146 Resp: 126792

Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	56.0
148	65.2	32.1	96.5





#89

n-Butylbenzene

Concen: 21.913 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBSD01

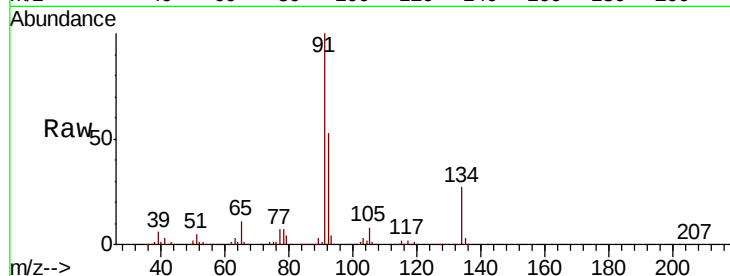
Tot Ion: 91 Resp: 226981

Ion Ratio Lower Upper

91 100

92 52.6 26.6 79.7

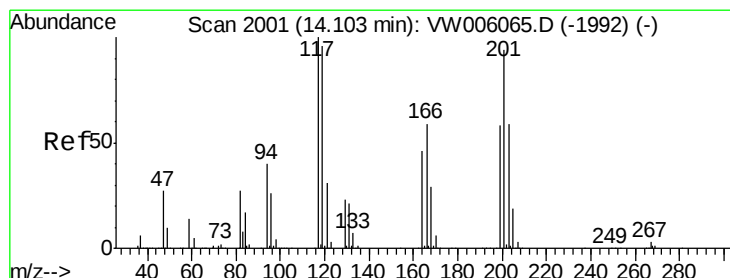
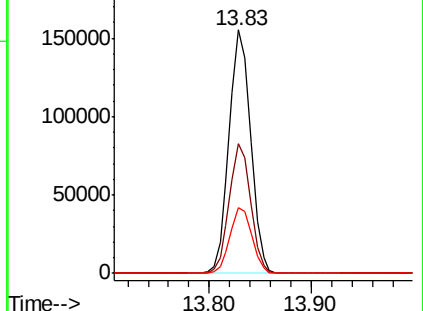
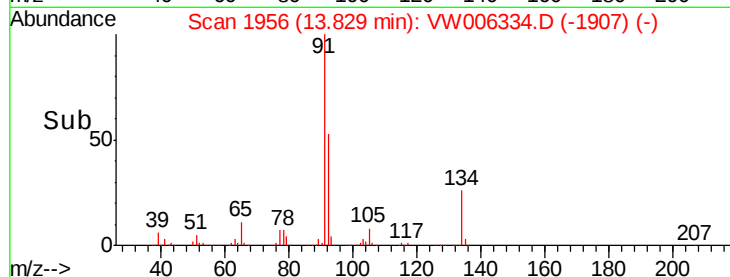
134 27.5 14.0 41.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.697 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW006334.D

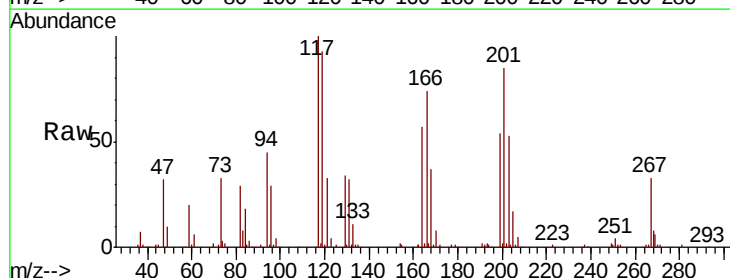
Acq: 25 Oct 2018 00:10

Tgt Ion: 117 Resp: 37788

Ion Ratio Lower Upper

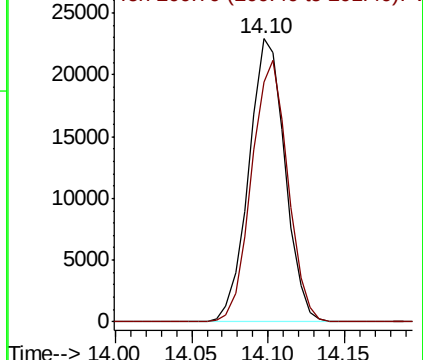
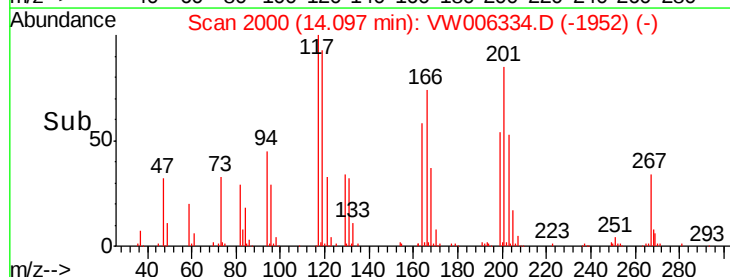
117 100

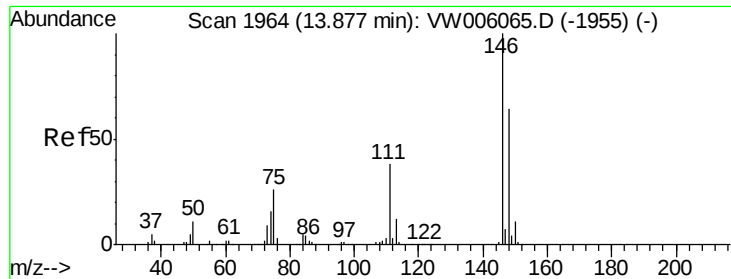
201 91.8 45.3 135.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 22.293 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBSD01

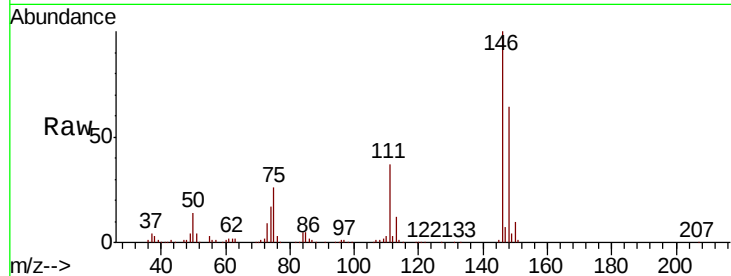
Tot Ion:146 Resp: 113908

Ion Ratio Lower Upper

146 100

111 38.3 19.6 58.7

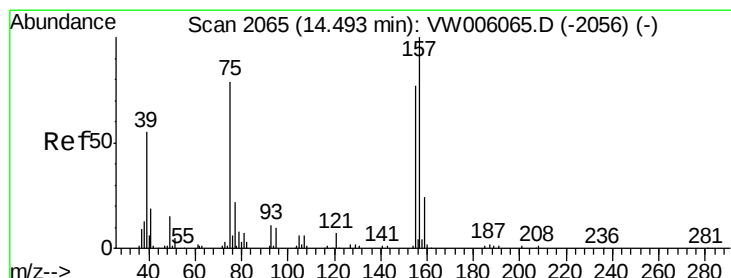
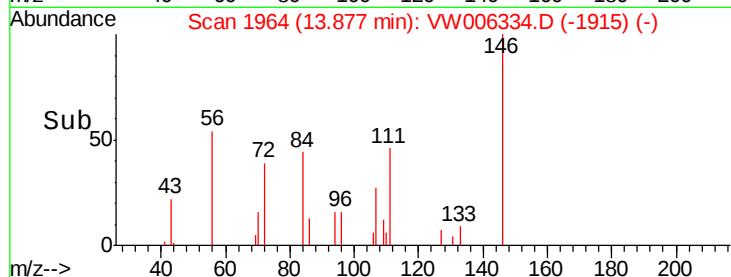
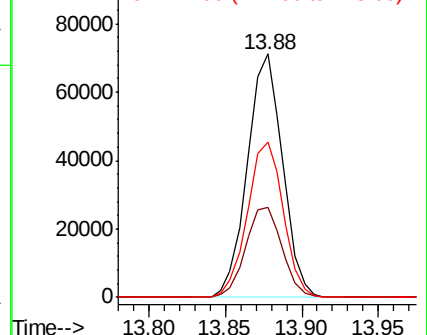
148 65.1 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.243 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

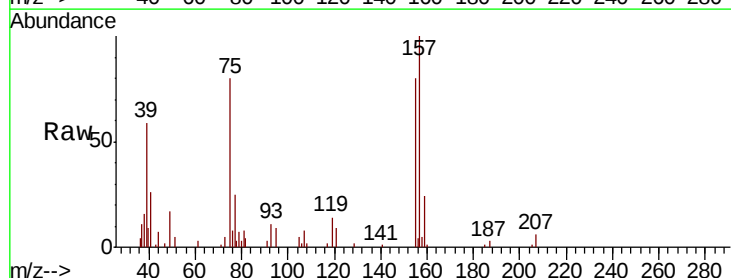
Tgt Ion: 75 Resp: 6478

Ion Ratio Lower Upper

75 100

155 94.0 46.5 139.5

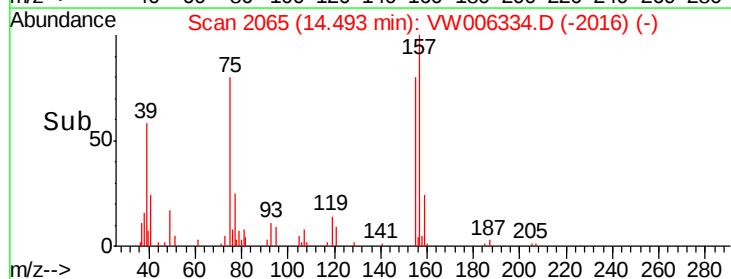
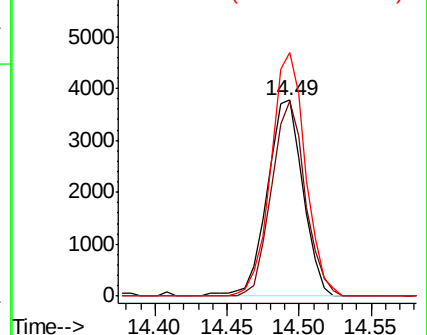
157 120.2 59.8 179.4

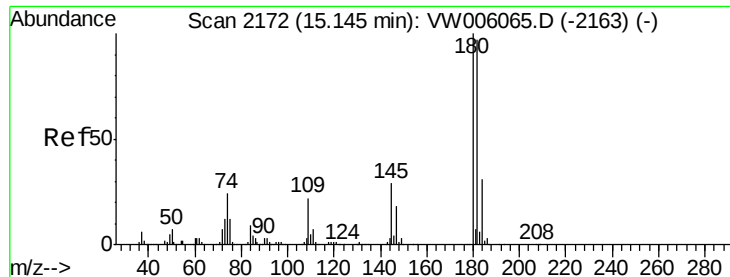


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

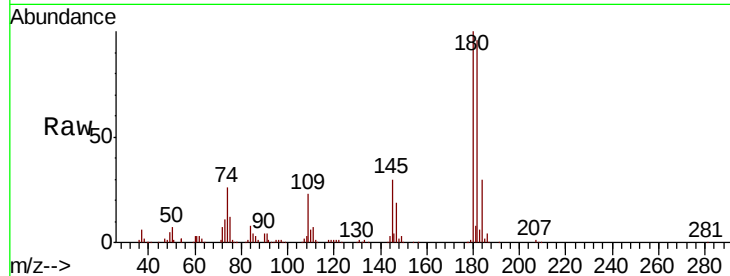




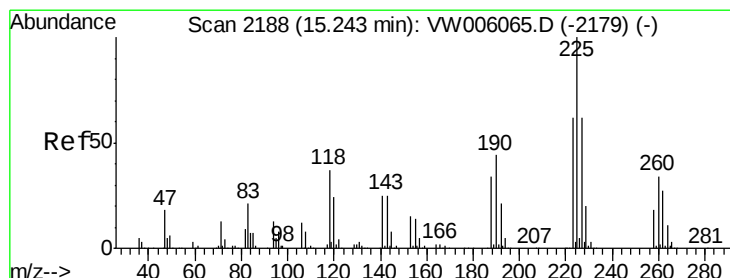
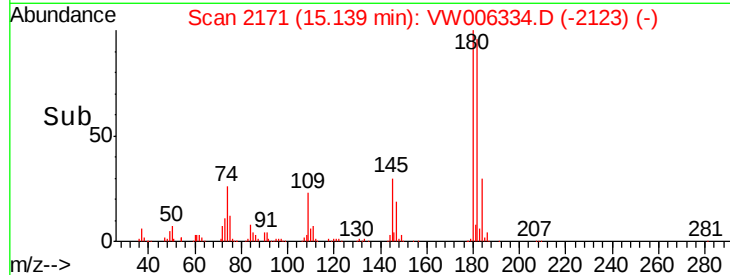
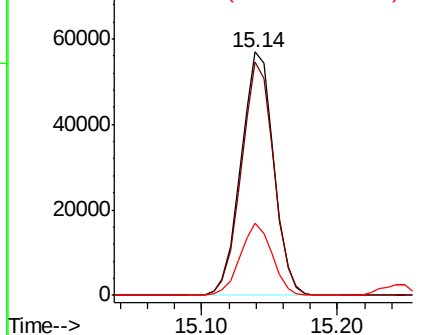
#93
 1,2,4-Trichlorobenzene
 Concen: 24.334 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006334.D
 Acq: 25 Oct 2018 00:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBSD01

Tot Ion:180 Resp: 95672
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.9 143.6
 145 28.8 14.2 42.8

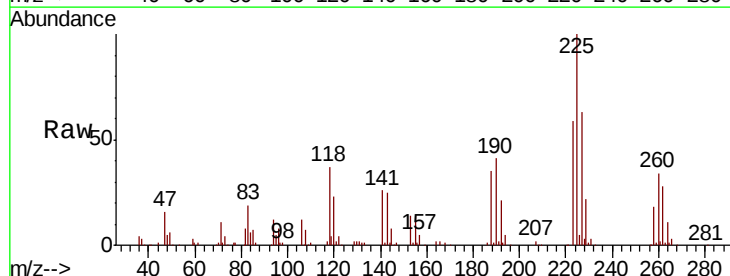


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

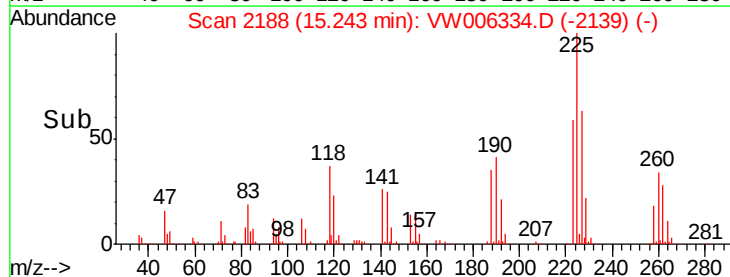
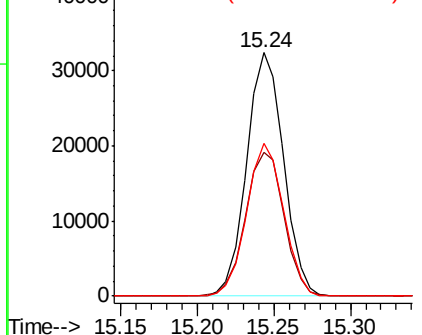


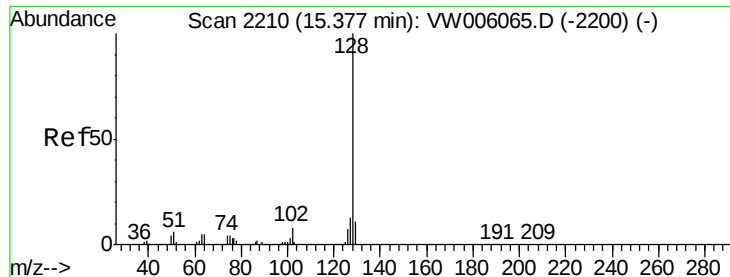
#94
 Hexachlorobutadiene
 Concen: 22.027 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006334.D
 Acq: 25 Oct 2018 00:10

Tgt Ion:225 Resp: 54403
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.1 93.5
 227 63.0 32.4 97.0



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

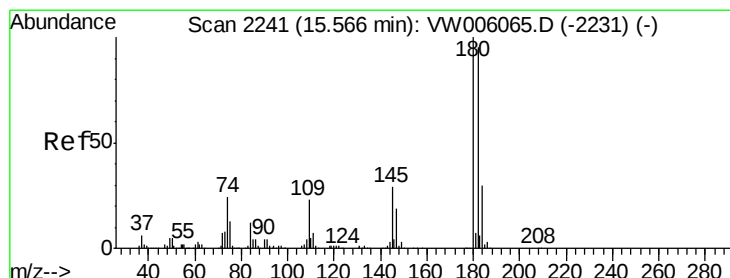
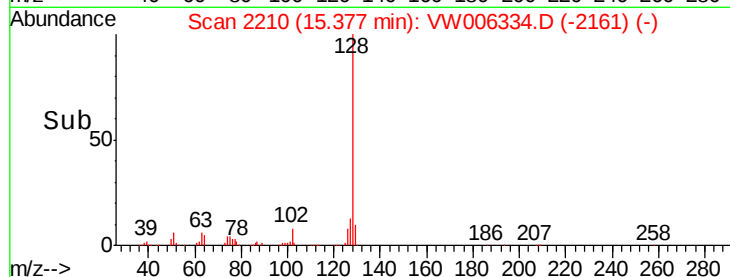
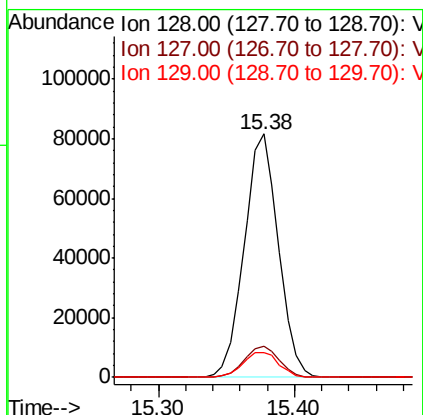
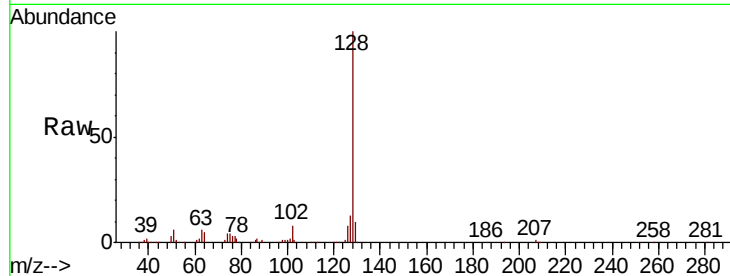




#95
Naphthalene
Concen: 21.934 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBSD01

Tot Ion:128 Resp: 143455
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.972 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion:180 Resp: 78118
Ion Ratio Lower Upper
180 100
182 95.4 47.8 143.3
145 29.1 15.0 45.1

