

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092618\
 Data File : VW005669.D
 Acq On : 26 Sep 2018 22:26
 Operator : VA/AP
 Sample : J5081-18
 Misc : 6.84G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-D

Quant Time: Sep 27 06:56:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	281533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	440061	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	372167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	198809	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	171395	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
35) Dibromofluoromethane	7.88	113	139991	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
50) Toluene-d8	10.33	98	696359	61.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.60%	
62) 4-Bromofluorobenzene	12.62	95	401934	96.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	192.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	88	Below Cal	#	41
11) Tert butyl alcohol	5.20	59	357	Below Cal	#	72
13) Acrolein	3.89	56	257	Below Cal	#	13
15) Acrylonitrile	5.43	53	3797	6.188	ug/l #	33
16) Acetone	4.13	43	45629	81.137	ug/l	100
18) Methyl Acetate	4.67	43	2122	1.350	ug/l #	87
20) Methylene Chloride	4.92	84	17200	2.080	ug/l #	93
25) 2-Butanone	7.18	43	30294	37.607	ug/l #	73
29) Tetrahydrofuran	7.54	42	769	1.528	ug/l #	35
31) Cyclohexane	7.93	56	287396	55.893	ug/l #	47
36) 1,1-Dichloropropene	7.95	75	21615	4.879	ug/l #	50
37) Ethyl Acetate	7.18	43	30294	16.250	ug/l #	70
38) Carbon Tetrachloride	7.95	117	28055	5.910	ug/l #	15
39) Methylcyclohexane	9.34	83	504875	96.599	ug/l #	62
41) Methacrylonitrile	7.52	41	1671	1.575	ug/l #	24
43) Isopropyl Acetate	8.42	43	216847	59.163	ug/l #	52
45) 1,2-Dichloropropane	9.39	63	3534	1.144	ug/l #	1
47) Bromodichloromethane	9.63	83	208428	50.289	ug/l #	37
48) Methyl methacrylate	9.47	41	36072	20.720	ug/l #	13
51) 4-Methyl-2-Pentanone	10.26	43	74684	40.456	ug/l #	76
55) 1,1,2-Trichloroethane	10.77	97	759686	346.875	ug/l #	23
56) Ethyl methacrylate	10.67	69	277971	102.817	ug/l #	11
58) 2-Chloroethyl Vinyl ether	9.90	63	4480	3.656	ug/l #	48
59) 2-Hexanone	10.94	43	1009327	804.846	ug/l #	32
60) Dibromochloromethane	11.04	129	4189	1.583	ug/l #	11
61) 1,2-Dibromoethane	11.21	107	9145	4.479	ug/l #	1
67) Ethyl Benzene	11.77	91	36120	2.576	ug/l #	48
74) N-amyl acetate	12.26	43	434148	139.066	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	12.71	83	49895	21.788	ug/l #	65
76) 1,2,3-Trichloropropane	12.62	75	103139	60.859	ug/l #	100
78) n-propylbenzene	12.81	91	22122	1.325	ug/l	78
81) trans-1,4-Dichloro-2-buten	12.62	75	103139	137.073	ug/l #	37
82) 4-Chlorotoluene	13.14	91	12444	1.220	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	13730	1.135	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.39	105	111831	7.656	ug/l #	6
89) n-Butylbenzene	13.83	91	247092	20.008	ug/l #	77
90) Hexachloroethane	14.11	117	59993	25.281	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6793	15.569	ug/l #	10
95) Naphthalene	15.34	128	40758	5.824	ug/l #	1

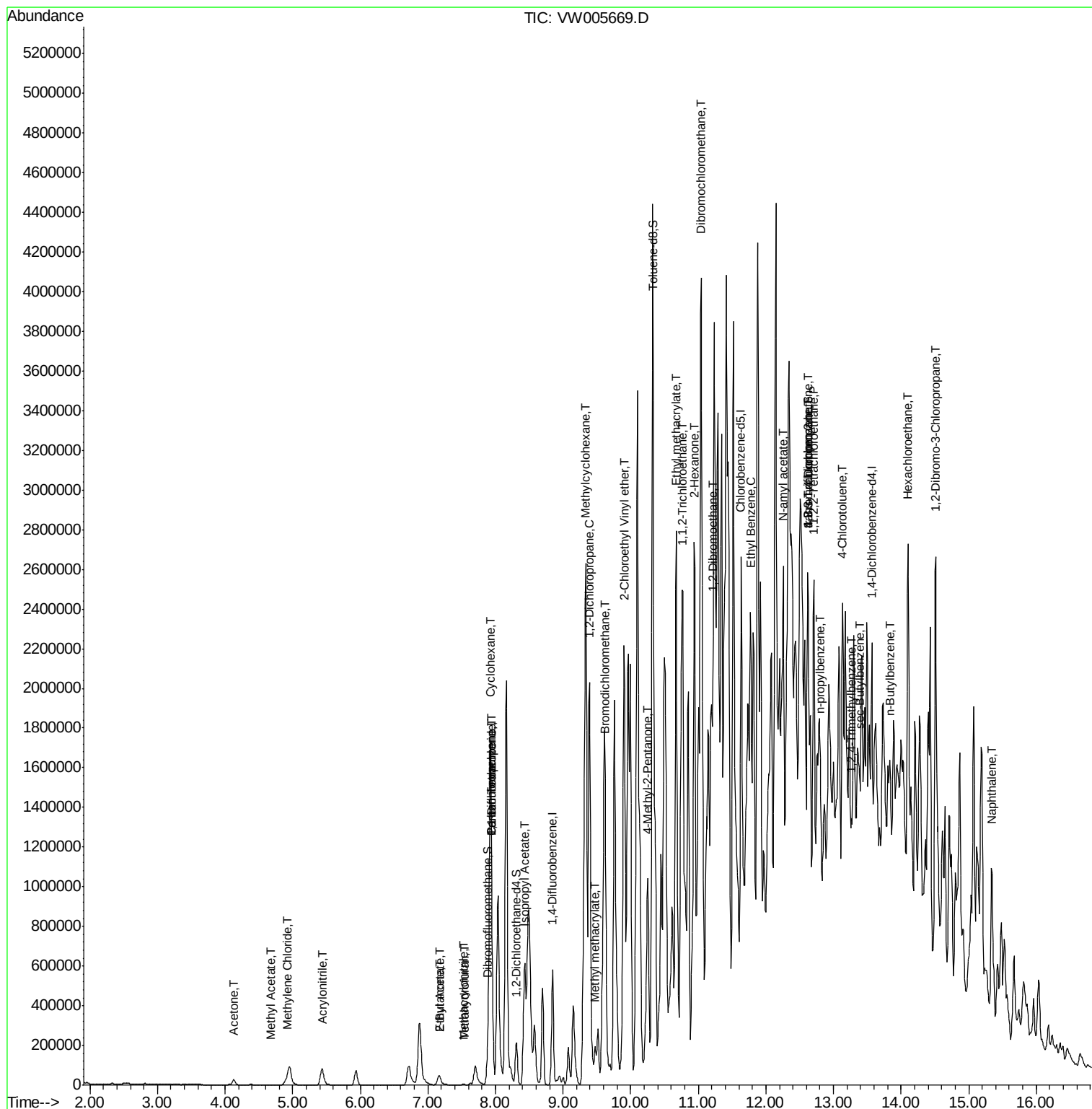
(#) = qualifier out of range (m) = manual integration (+) = signals summed

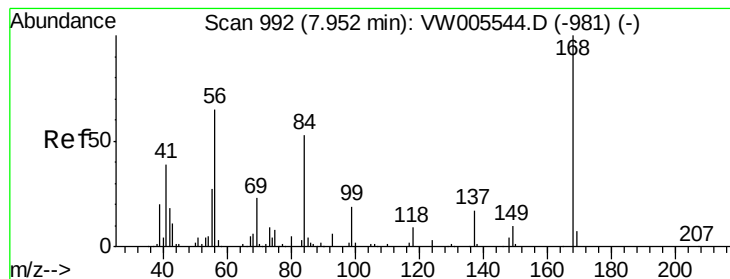
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092618\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005669.D

Acq: 26 Sep 2018 22:26

Instrument :

MSVOA_W

ClientSampleId :

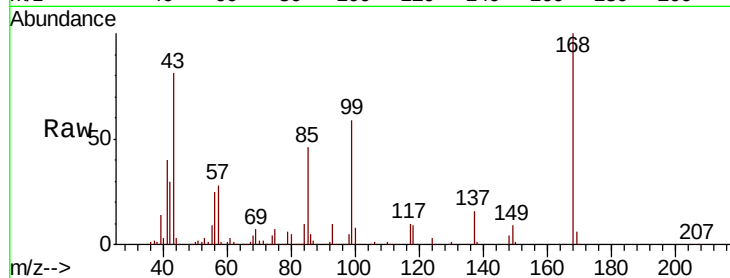
TP-1-D

Tgt Ion:168 Resp: 281533

Ion Ratio Lower Upper

168 100

99 59.2 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): VW005544.D (-981) (-)

Ion 98.90 (98.60 to 99.60): VW005544.D (-981) (-)

7.95

150000

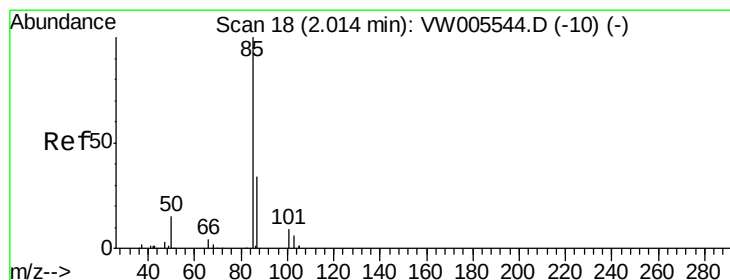
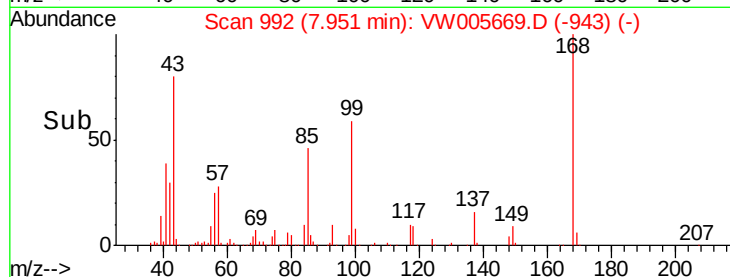
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005669.D

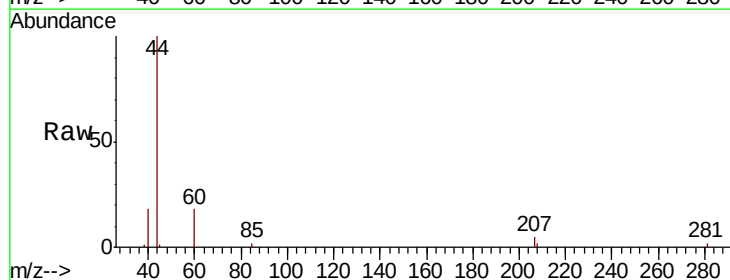
Acq: 26 Sep 2018 22:26

Tgt Ion: 85 Resp: 88

Ion Ratio Lower Upper

85 100

87 0.0 17.0 50.9#



Abundance Ion 84.90 (84.60 to 85.60): VW005544.D (-10) (-)

Ion 86.90 (86.60 to 87.60): VW005544.D (-10) (-)

2.01

100

80

60

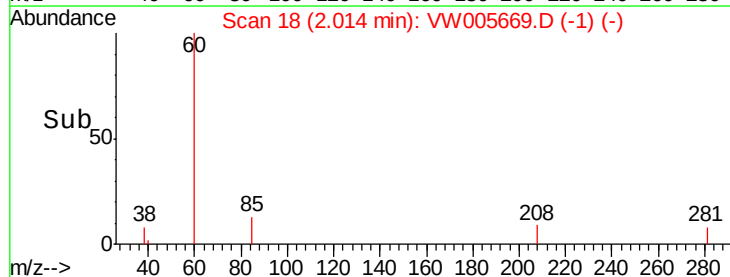
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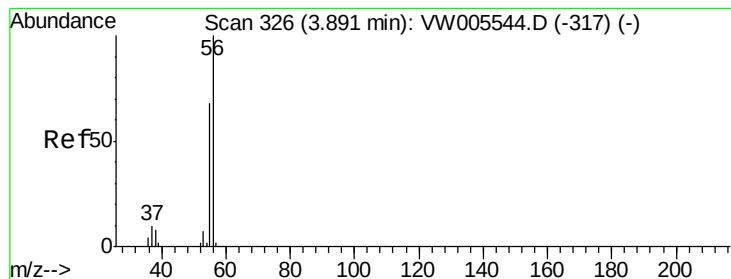
20

0

1.98 2.00 2.02 2.04

Time-->





#13

Acrolein

Concen: Below Cal

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW005669.D

Acq: 26 Sep 2018 22:26

Instrument :

MSVOA_W

ClientSampled :

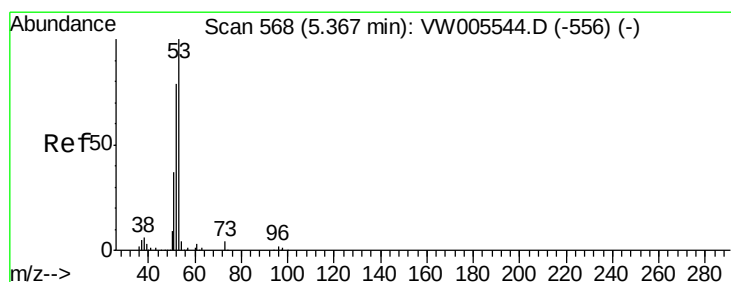
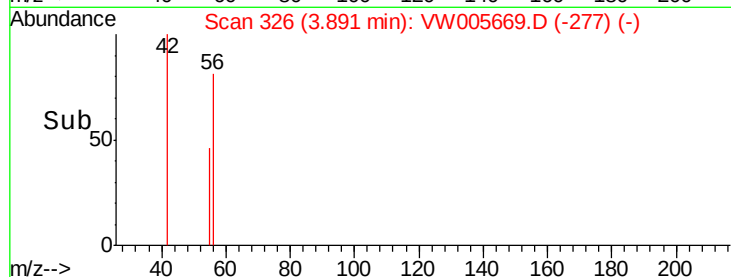
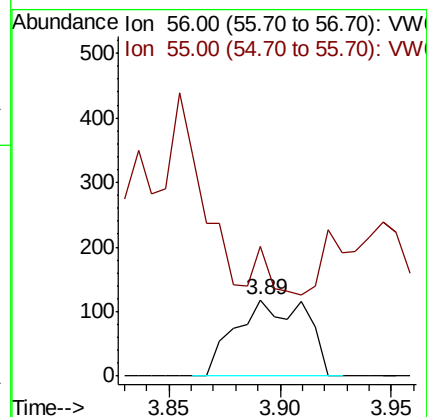
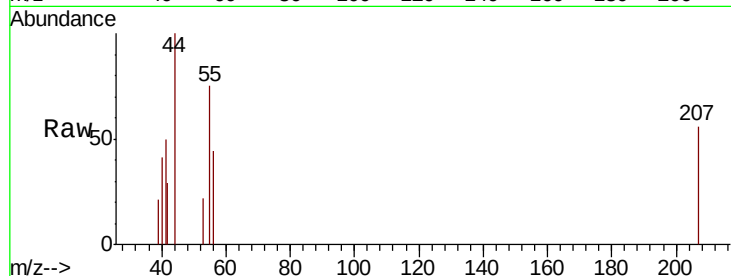
TP-1-D

Tgt Ion: 56 Resp: 257

Ion Ratio Lower Upper

56 100

55 0.0 57.8 86.8#



#15

Acrylonitrile

Concen: 6.188 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.07 min

Lab File: VW005669.D

Acq: 26 Sep 2018 22:26

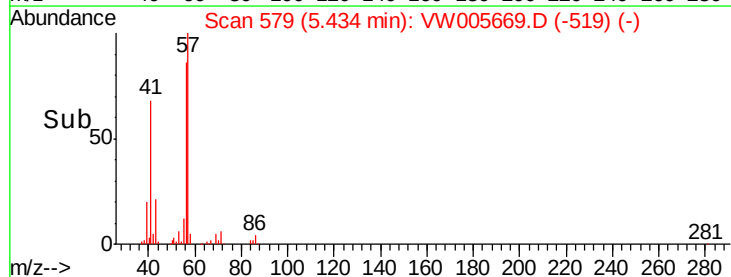
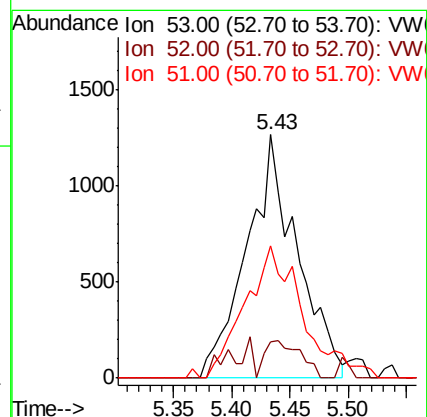
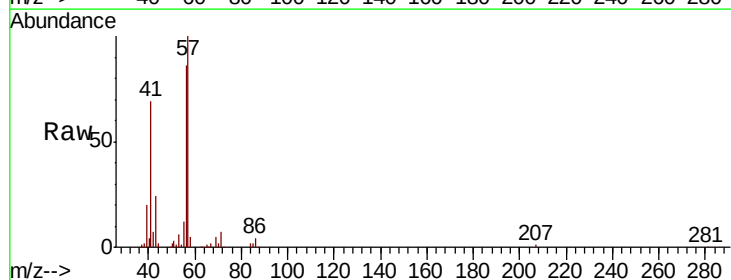
Tgt Ion: 53 Resp: 3797

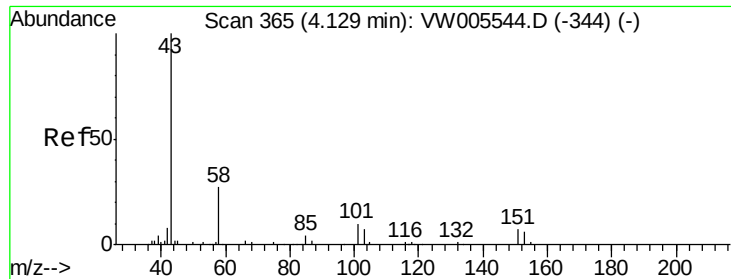
Ion Ratio Lower Upper

53 100

52 10.8 66.5 99.7#

51 62.2 30.6 46.0#

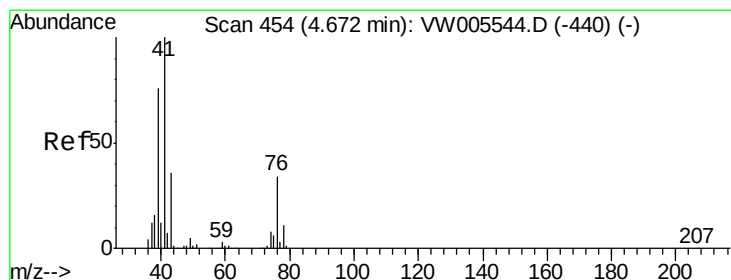
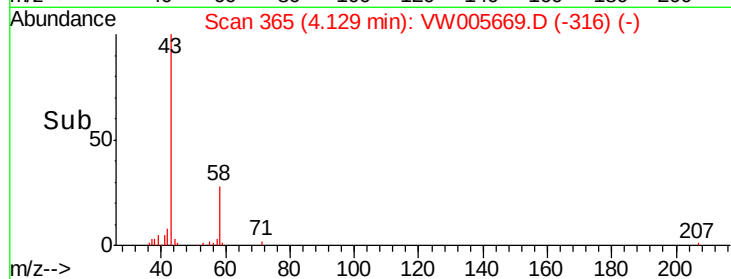
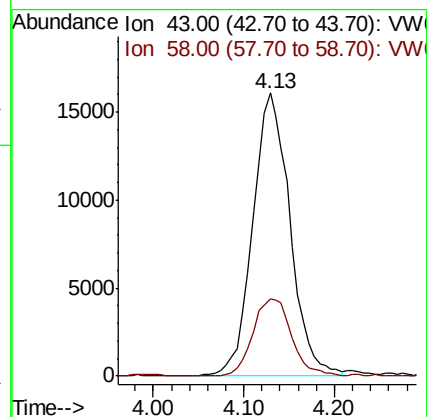
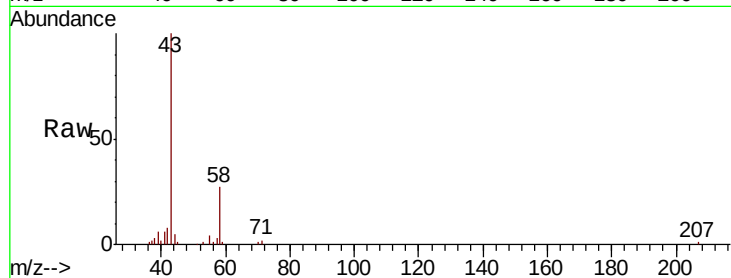




#16
Acetone
Concen: 81.137 ug/l
RT: 4.13 min Scan# 365
Delta R.T. -0.00 min
Lab File: VW005669.D
Acq: 26 Sep 2018 22:26

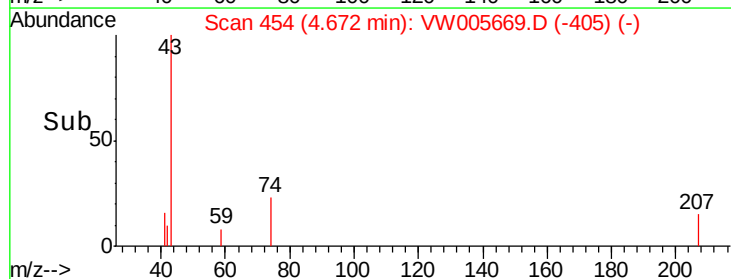
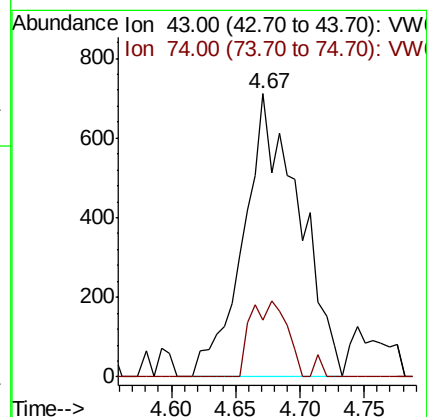
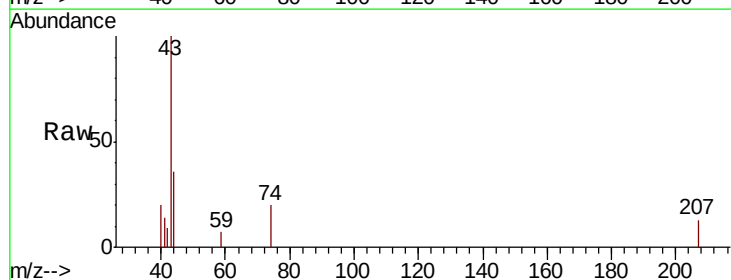
Instrument :
MSVOA_W
ClientSampleId :
TP-1-D

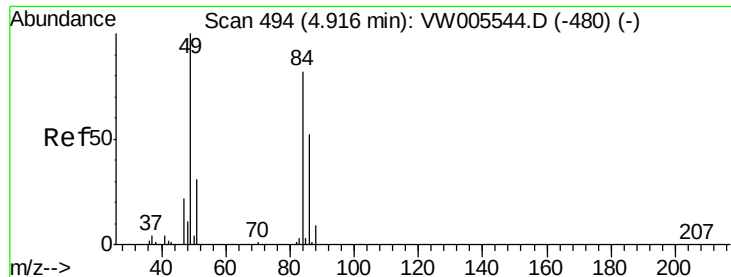
Tgt Ion: 43 Resp: 45629
Ion Ratio Lower Upper
43 100
58 27.4 21.8 32.8



#18
Methyl Acetate
Concen: 1.350 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW005669.D
Acq: 26 Sep 2018 22:26

Tgt Ion: 43 Resp: 2122
Ion Ratio Lower Upper
43 100
74 17.5 19.2 28.8#

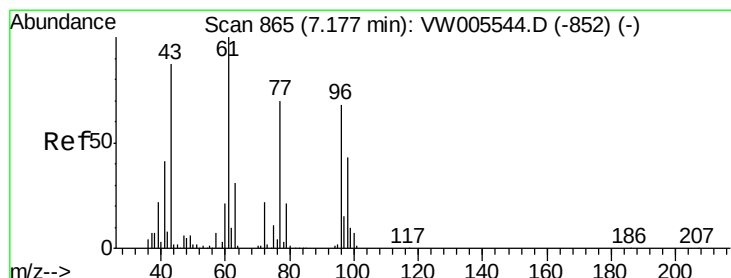
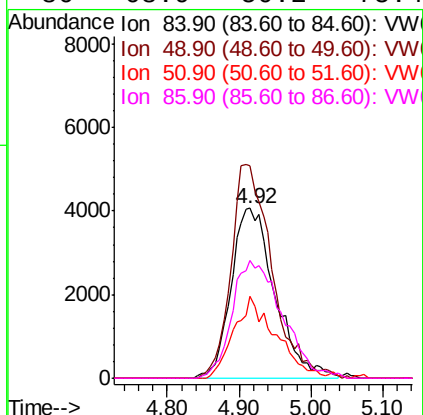
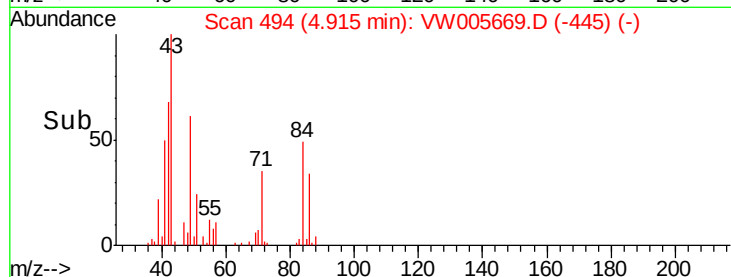
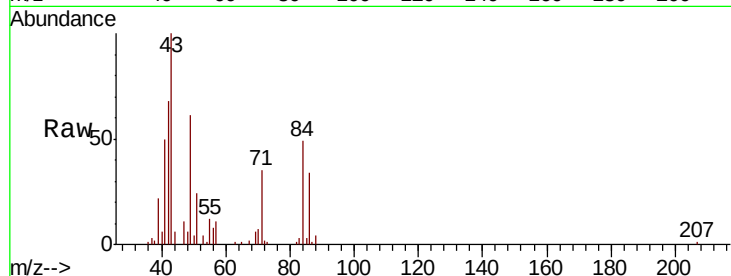




#20
Methylene Chloride
Concen: 2.080 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005669.D
Acq: 26 Sep 2018 22:26

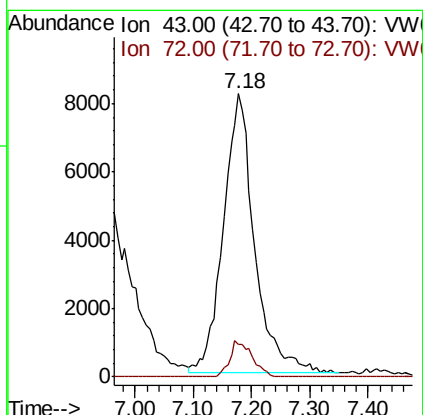
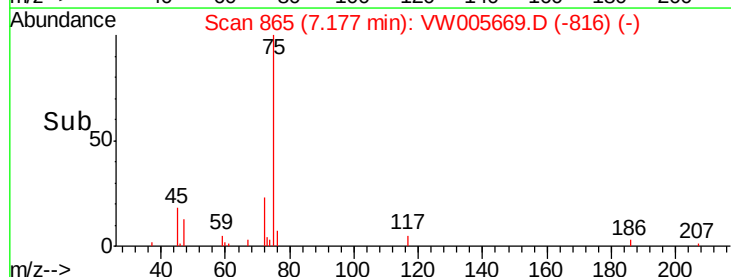
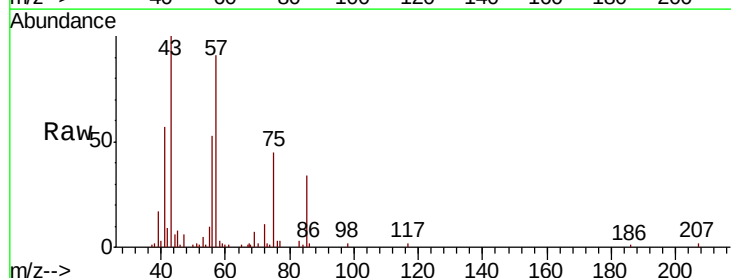
Instrument :
MSVOA_W
ClientSampleID :
TP-1-D

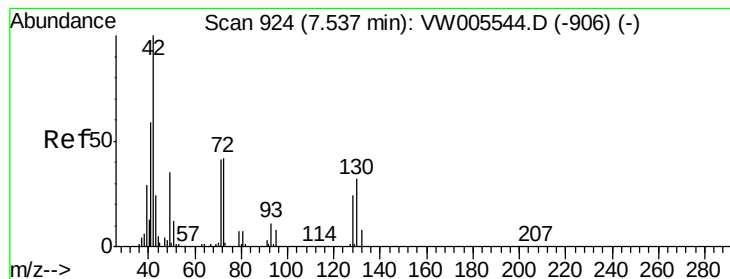
Tgt Ion: 84 Resp: 17200
Ion Ratio Lower Upper
84 100
49 124.7 97.0 145.6
51 48.3 30.2 45.2#
86 68.9 50.2 75.4



#25
2-Butanone
Concen: 37.607 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW005669.D
Acq: 26 Sep 2018 22:26

Tgt Ion: 43 Resp: 30294
Ion Ratio Lower Upper
43 100
72 11.6 19.9 29.9#





#29

Tetrahydrofuran

Concen: 1.528 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW005669.D

Acq: 26 Sep 2018 22:26

Instrument :

MSVOA_W

ClientSampleId :

TP-1-D

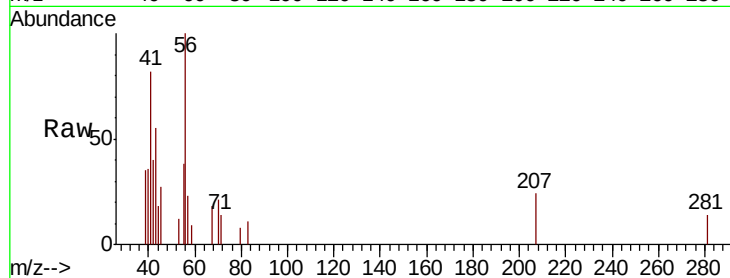
Tgt Ion: 42 Resp: 769

Ion Ratio Lower Upper

42 100

72 0.0 33.6 50.4#

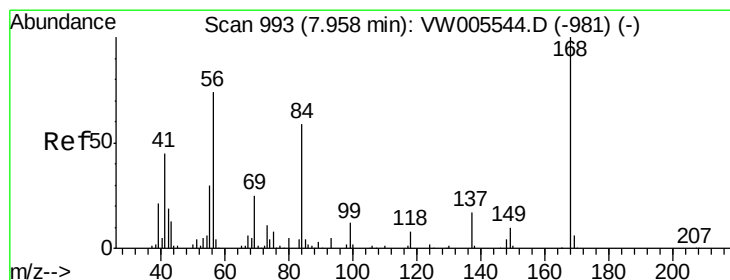
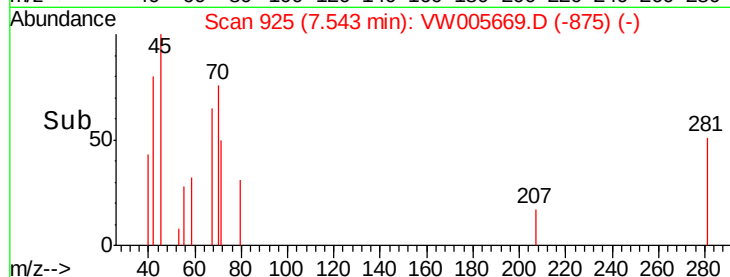
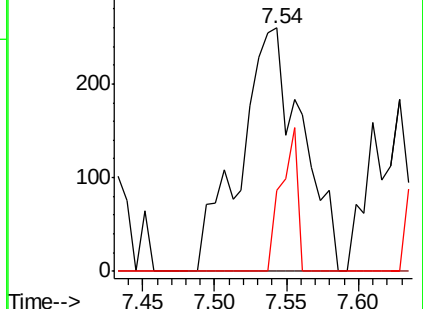
71 0.0 31.8 47.6#



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#31

Cyclohexane

Concen: 55.893 ug/l

RT: 7.93 min Scan# 988

Delta R.T. -0.03 min

Lab File: VW005669.D

Acq: 26 Sep 2018 22:26

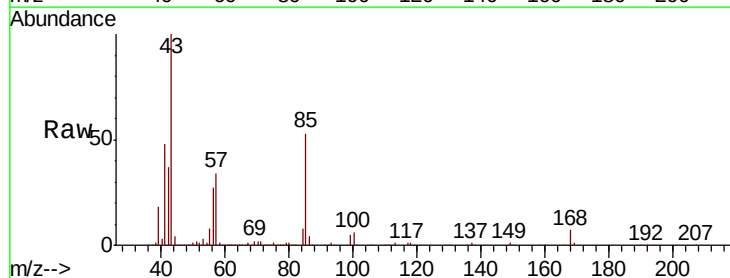
Tgt Ion: 56 Resp: 287396

Ion Ratio Lower Upper

56 100

69 7.5 27.0 40.4#

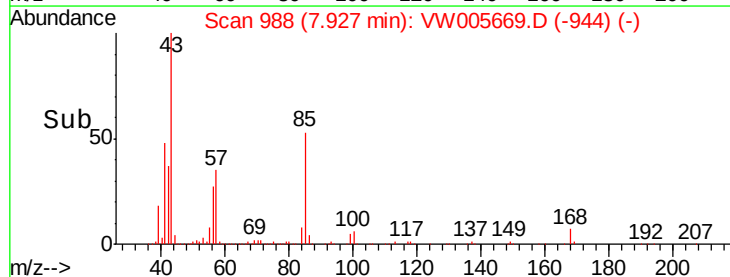
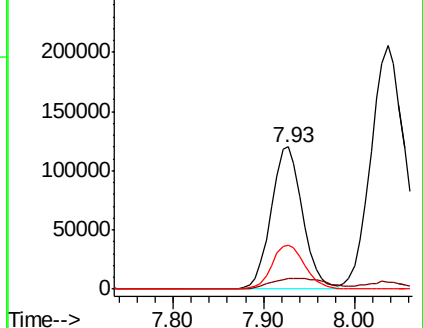
84 30.9 64.2 96.4#

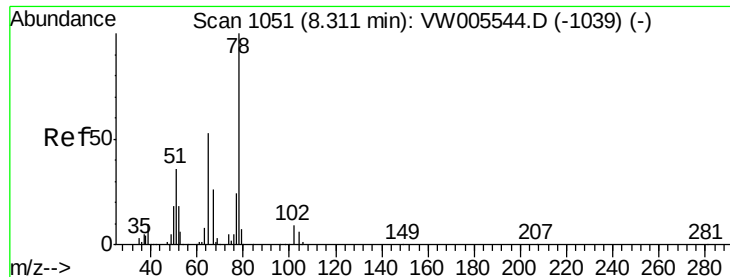


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

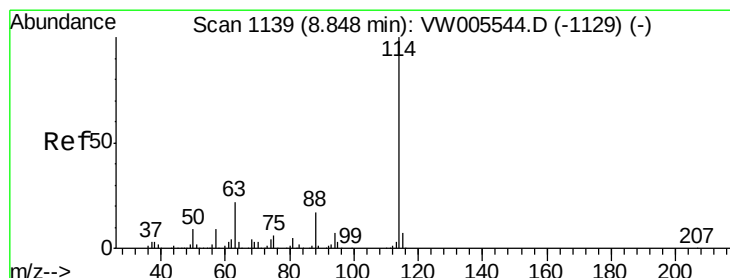
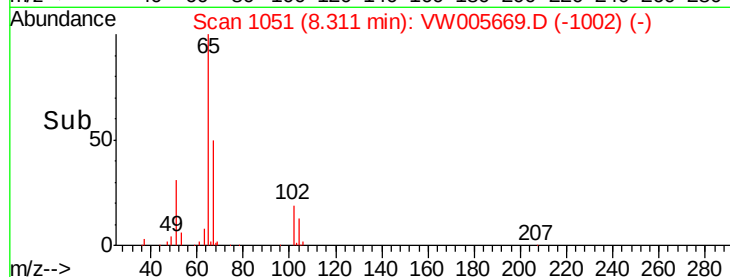
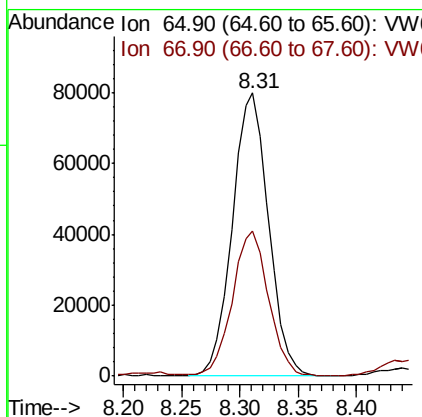
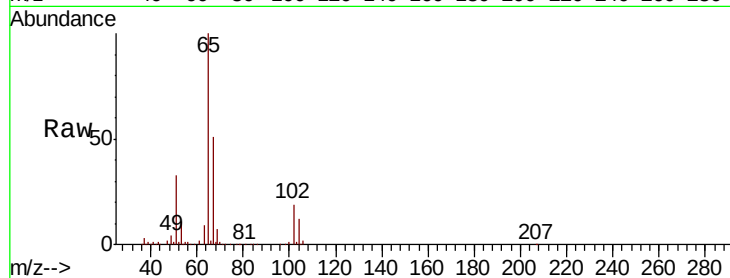




#33
 1,2-Dichloroethane-d4
 Concen: 51.677 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005669.D
 Acq: 26 Sep 2018 22:26

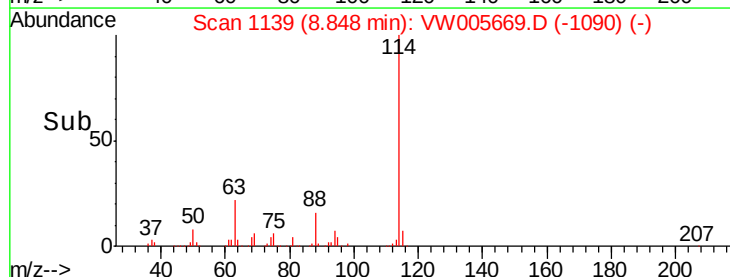
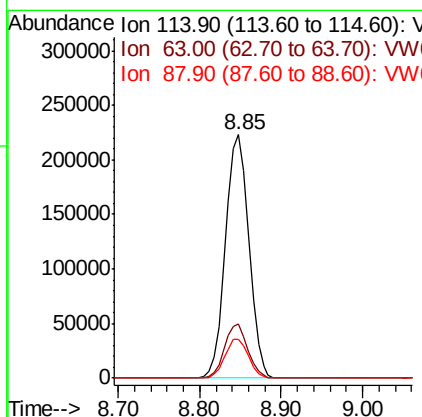
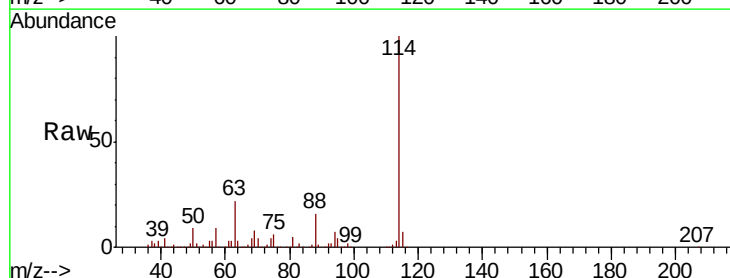
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-D

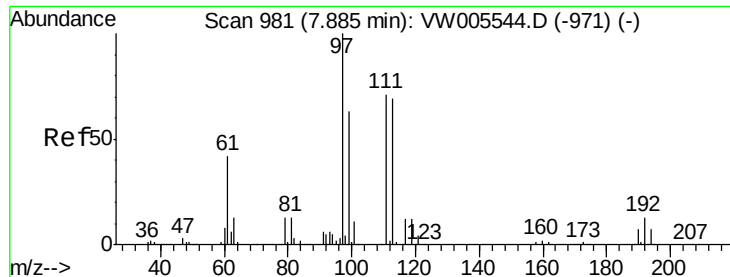
Tgt Ion: 65 Resp: 171395
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005669.D
 Acq: 26 Sep 2018 22:26

Tgt Ion: 114 Resp: 440061
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.0
 88 16.2 0.0 33.0

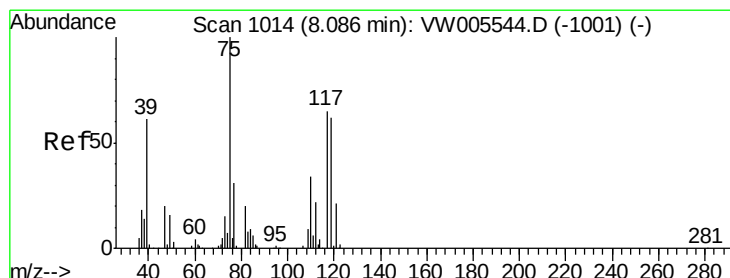
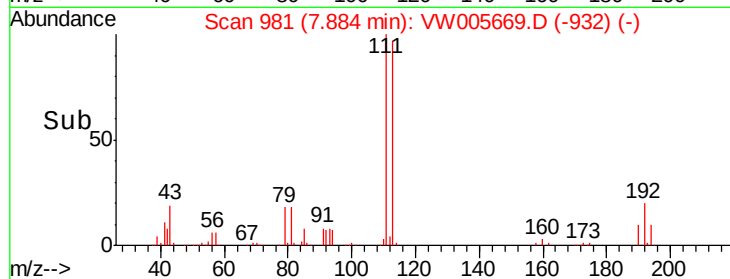
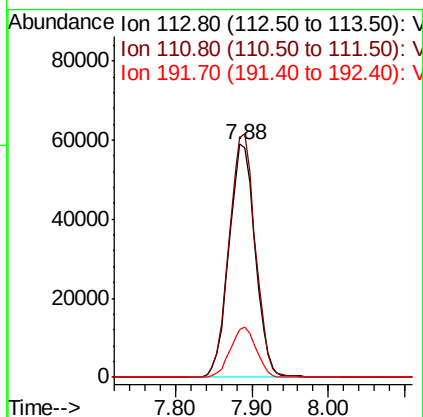
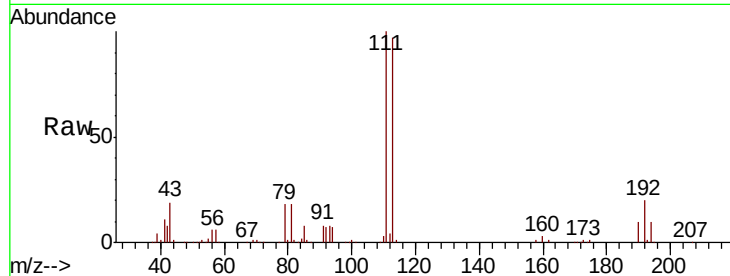




#35
 Dibromofluoromethane
 Concen: 50.586 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005669.D
 Acq: 26 Sep 2018 22:26

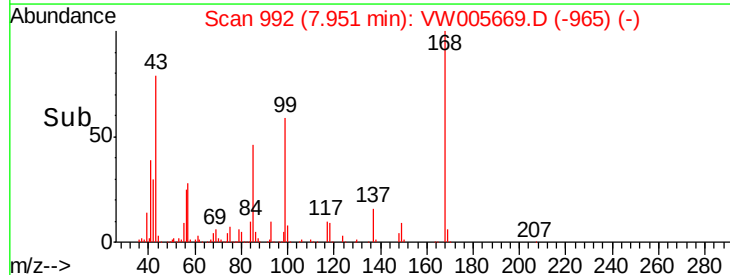
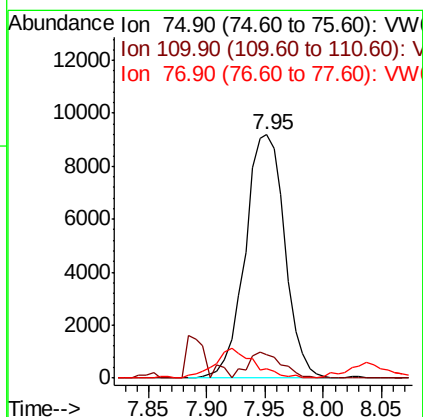
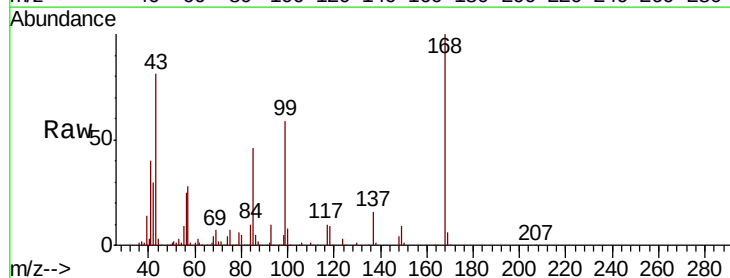
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-D

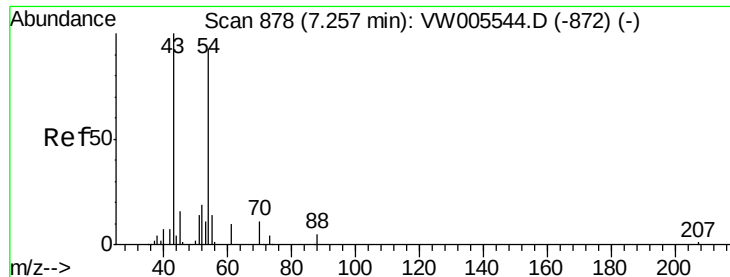
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.6	123.8
192	21.1	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 4.879 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005669.D
 Acq: 26 Sep 2018 22:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.0	50.9#
77	0.0	24.8	37.2#

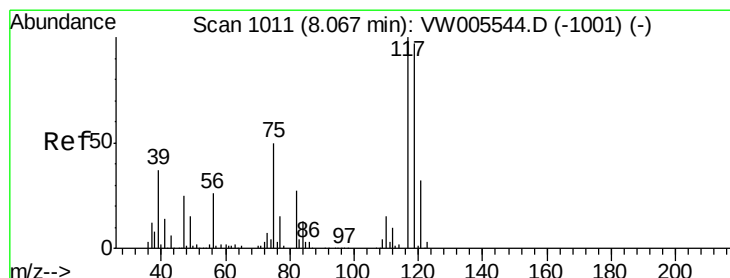
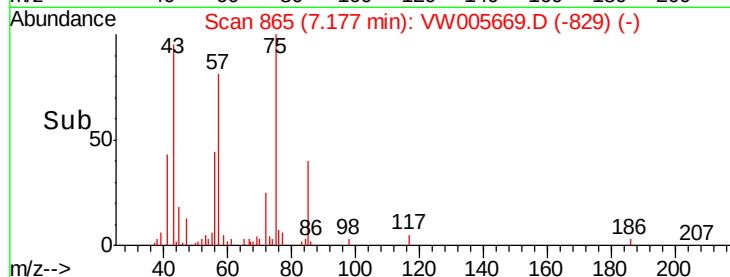
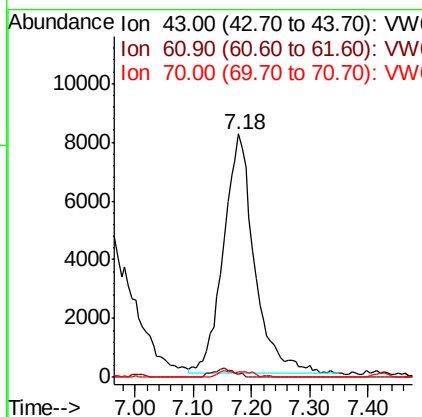
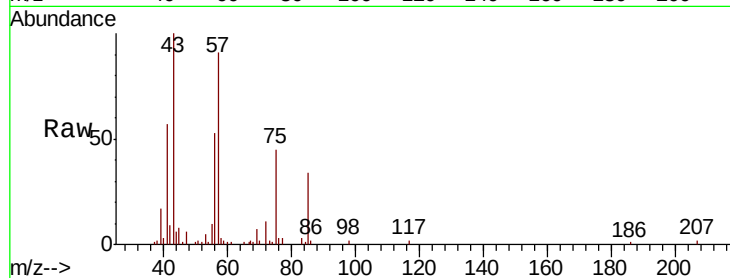




#37
Ethyl Acetate
Concen: 16.250 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.08 min
Lab File: VW005669.D
Acq: 26 Sep 2018 22:26

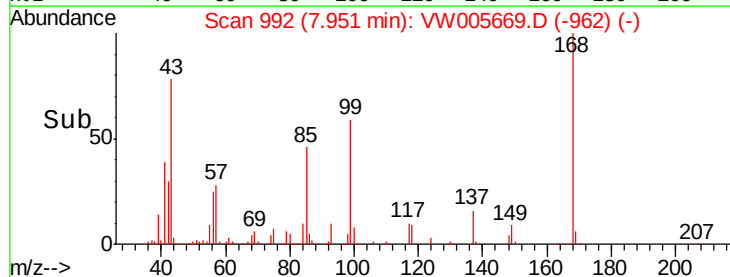
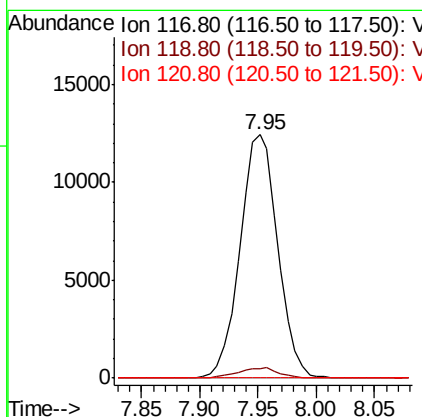
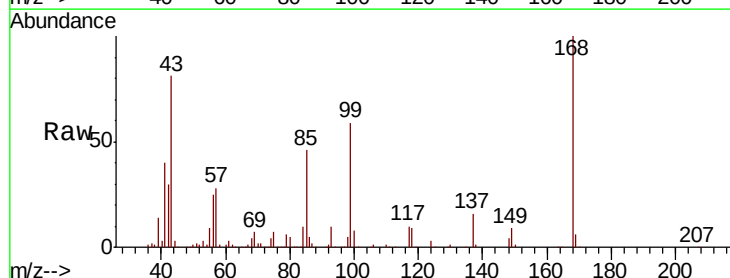
Instrument :
MSVOA_W
ClientSampled :
TP-1-D

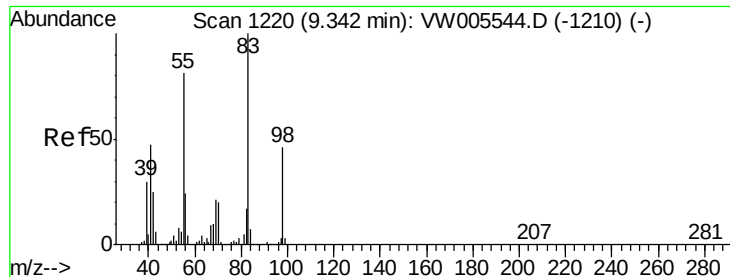
Tgt Ion: 43 Resp: 30294
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 0.0 8.2 12.2#



#38
Carbon Tetrachloride
Concen: 5.910 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW005669.D
Acq: 26 Sep 2018 22:26

Tgt Ion: 117 Resp: 28055
Ion Ratio Lower Upper
117 100
119 4.0 77.6 116.4#
121 0.0 25.7 38.5#





#39

Methylcyclohexane

Concen: 96.599 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.01 min

Lab File: VW005669.D

Acq: 26 Sep 2018 22:26

Instrument :

MSVOA_W

ClientSampled :

TP-1-D

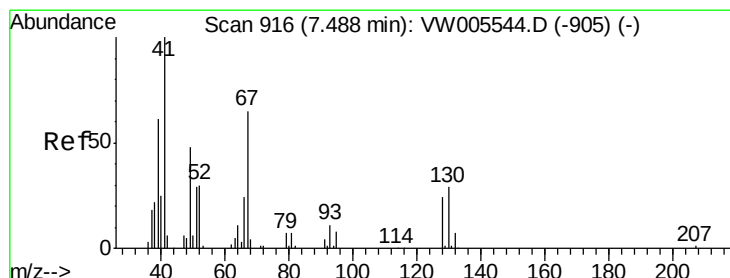
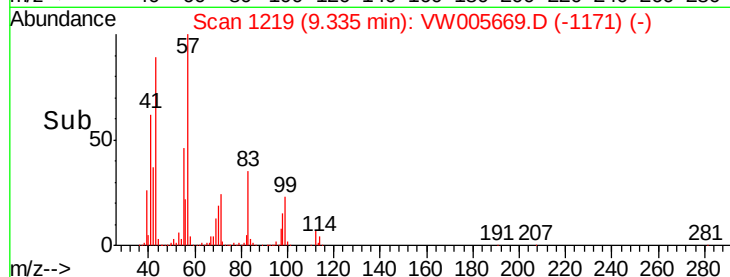
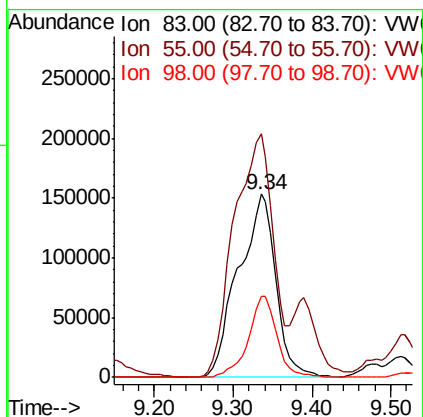
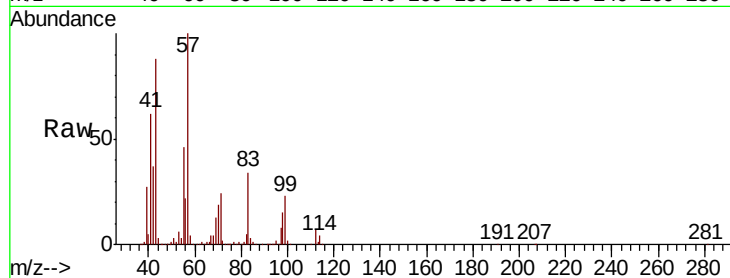
Tgt Ion: 83 Resp: 504875

Ion Ratio Lower Upper

83 100

55 132.6 64.6 97.0#

98 44.4 37.0 55.6



#41

Methacrylonitrile

Concen: 1.575 ug/l

RT: 7.52 min Scan# 922

Delta R.T. 0.04 min

Lab File: VW005669.D

Acq: 26 Sep 2018 22:26

Tgt Ion: 41 Resp: 1671

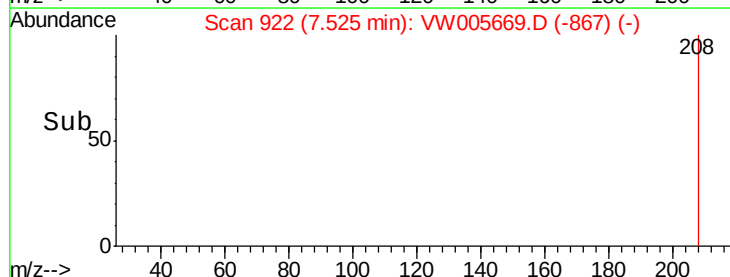
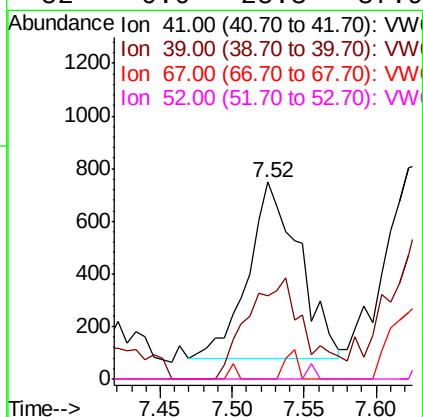
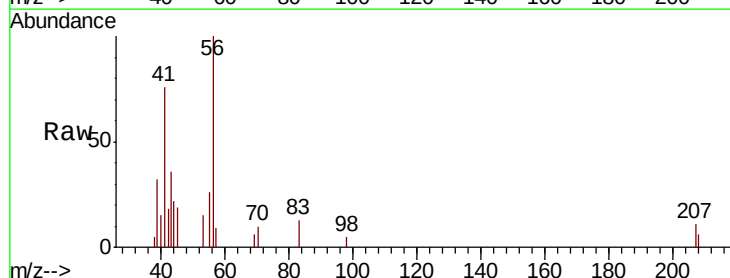
Ion Ratio Lower Upper

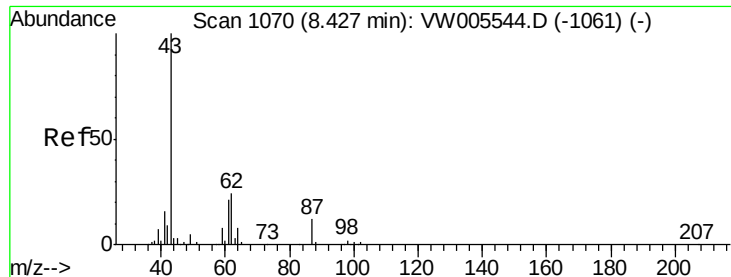
41 100

39 0.0 45.4 68.2#

67 0.0 55.2 82.8#

52 0.0 25.3 37.9#





#43

Isopropyl Acetate

Concen: 59.163 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW005669.D

Acq: 26 Sep 2018 22:26

Instrument :

MSVOA_W

ClientSampled :

TP-1-D

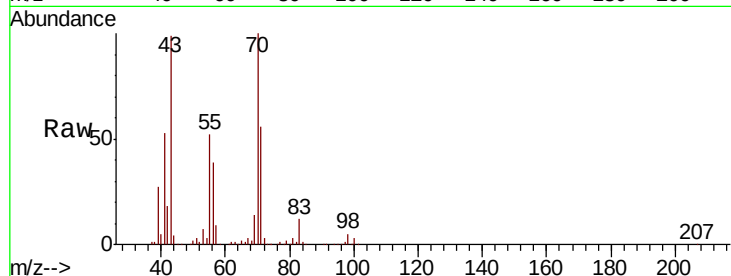
Tgt Ion: 43 Resp: 216847

Ion Ratio Lower Upper

43 100

61 0.3 24.1 36.1#

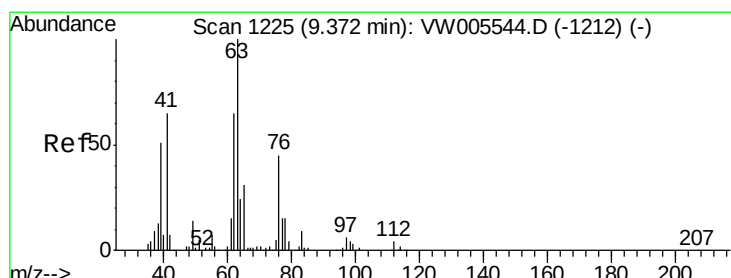
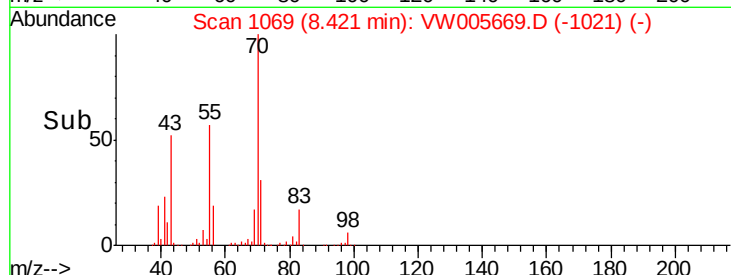
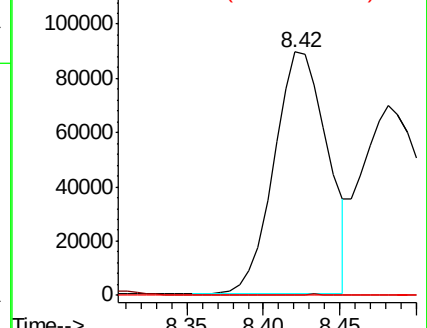
87 0.0 9.8 14.8#



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



#45

1,2-Dichloropropane

Concen: 1.144 ug/l

RT: 9.39 min Scan# 1228

Delta R.T. 0.02 min

Lab File: VW005669.D

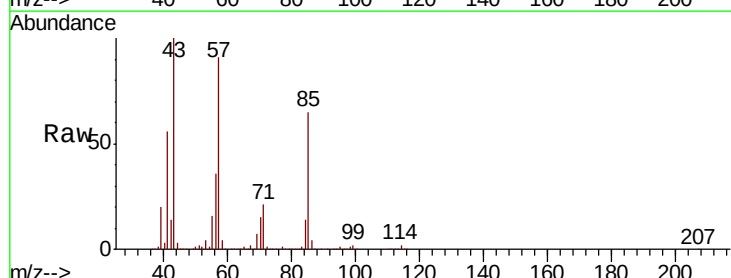
Acq: 26 Sep 2018 22:26

Tgt Ion: 63 Resp: 3534

Ion Ratio Lower Upper

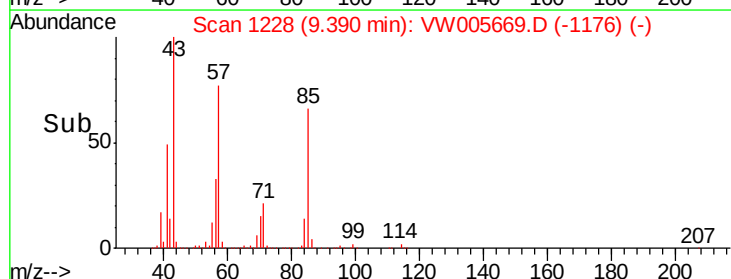
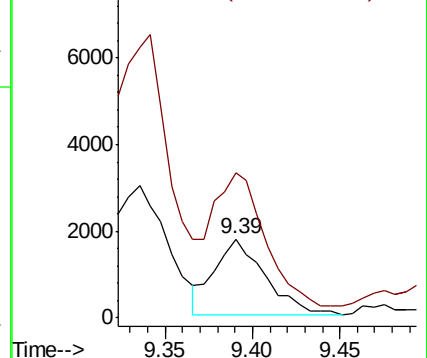
63 100

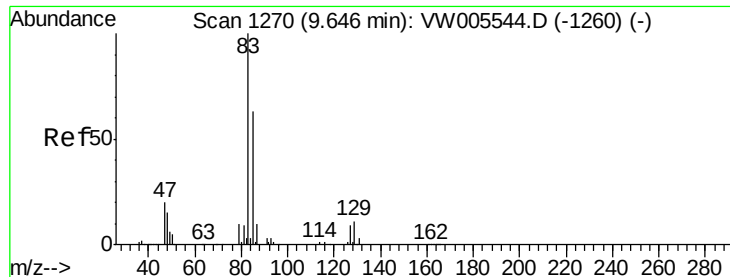
65 176.6 24.7 37.1#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW





#47

Bromodichloromethane

Concen: 50.289 ug/l

RT: 9.63 min Scan# 1267

Delta R.T. -0.02 min

Lab File: VW005669.D

Acq: 26 Sep 2018 22:26

Instrument :

MSVOA_W

ClientSampleId :

TP-1-D

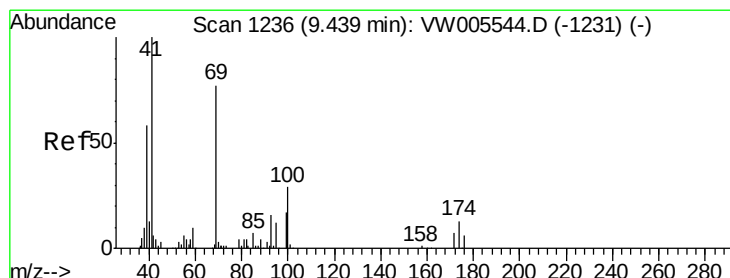
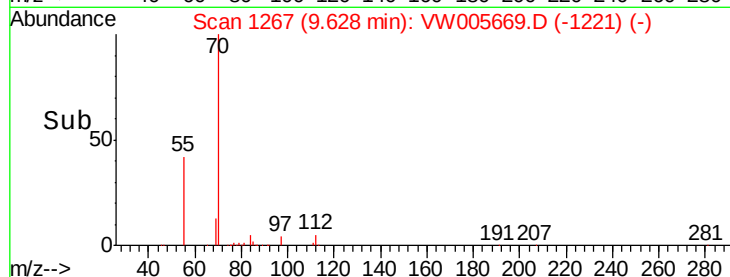
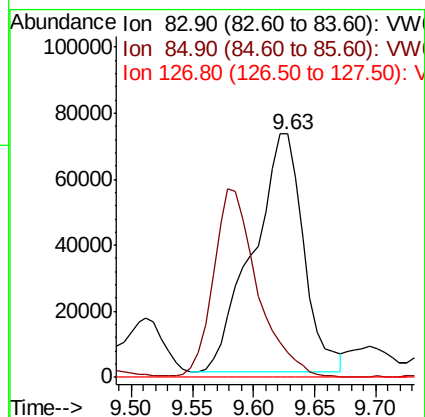
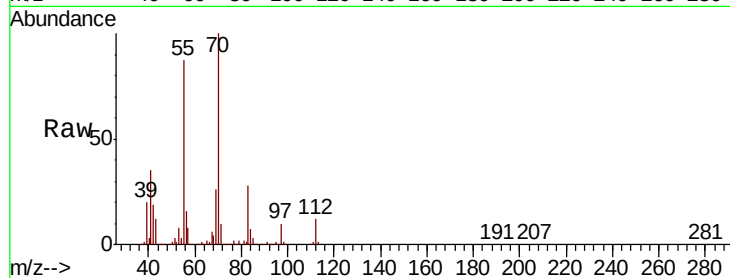
Tgt Ion: 83 Resp: 208428

Ion Ratio Lower Upper

83 100

85 9.7 50.5 75.7#

127 0.0 7.0 10.6#



#48

Methyl methacrylate

Concen: 20.720 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.03 min

Lab File: VW005669.D

Acq: 26 Sep 2018 22:26

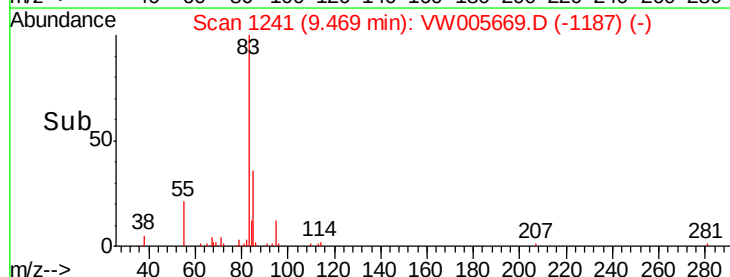
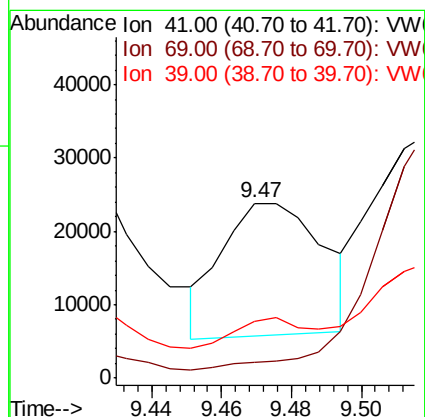
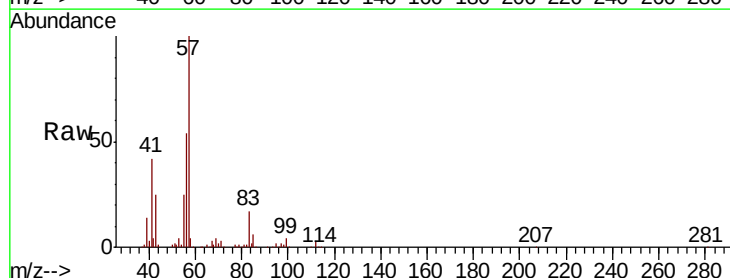
Tgt Ion: 41 Resp: 36072

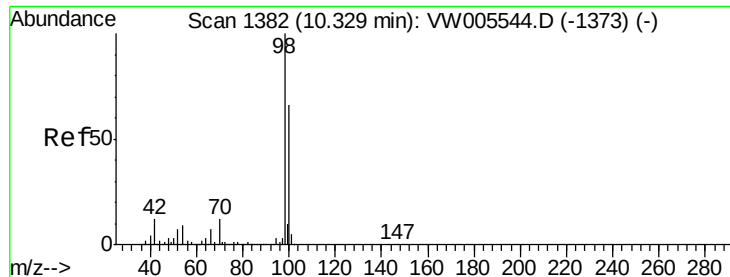
Ion Ratio Lower Upper

41 100

69 0.0 64.7 97.1#

39 0.0 50.5 75.7#





#50

Toluene-d8

Concen: 61.799 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005669.D

Acq: 26 Sep 2018 22:26

Instrument :

MSVOA_W

ClientSampleId :

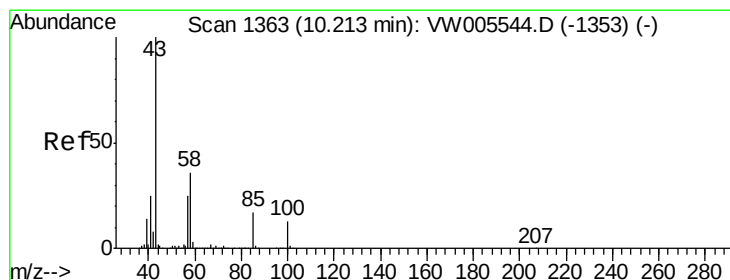
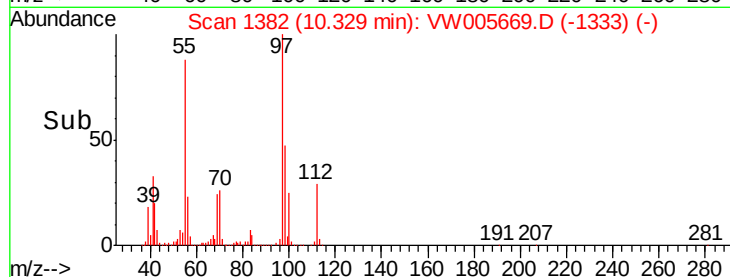
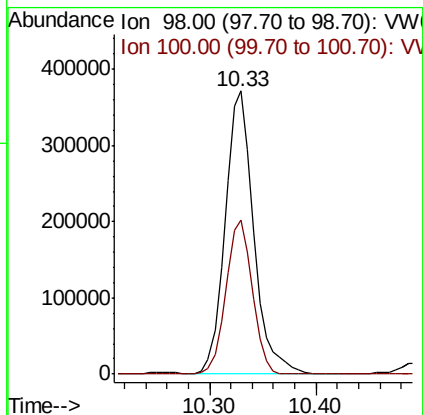
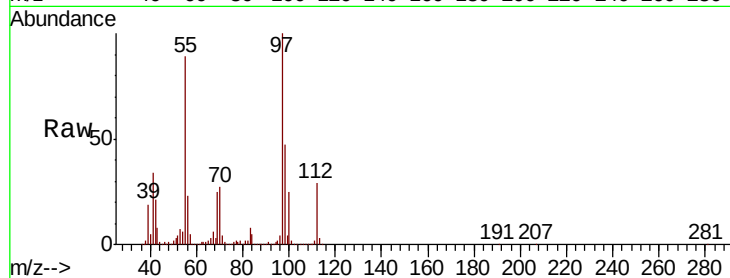
TP-1-D

Tgt Ion: 98 Resp: 696359

Ion Ratio Lower Upper

98 100

100 50.3 51.6 77.4#



#51

4-Methyl-2-Pentanone

Concen: 40.456 ug/l

RT: 10.26 min Scan# 1370

Delta R.T. 0.04 min

Lab File: VW005669.D

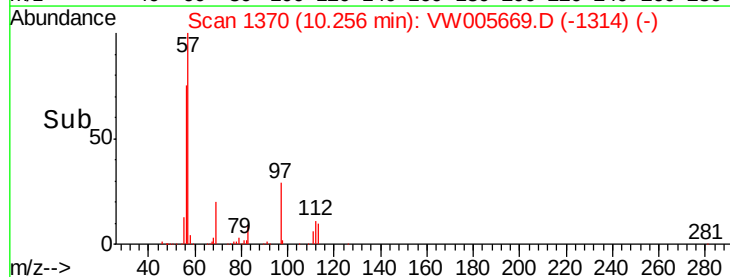
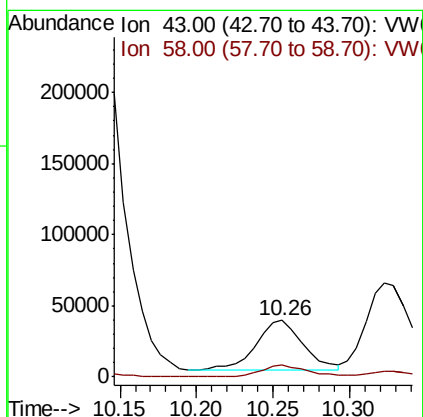
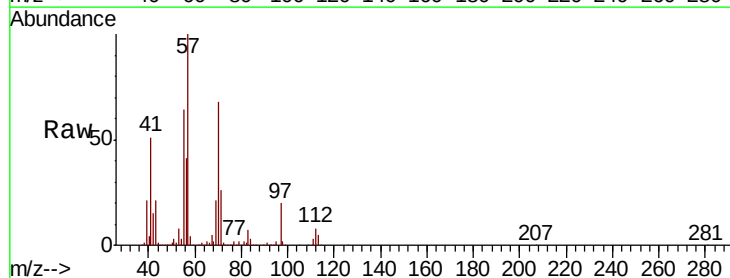
Acq: 26 Sep 2018 22:26

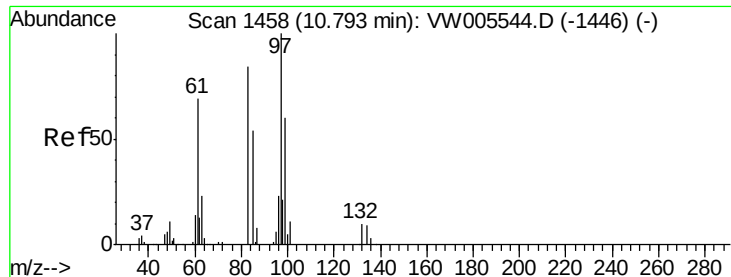
Tgt Ion: 43 Resp: 74684

Ion Ratio Lower Upper

43 100

58 22.9 30.0 45.0#

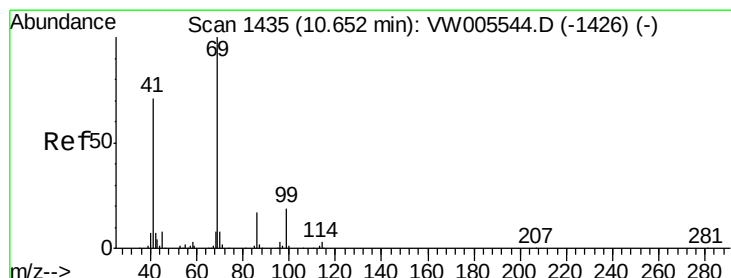
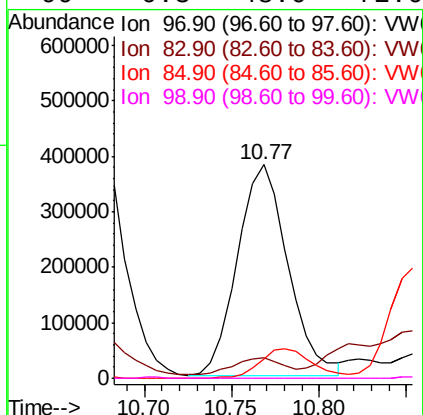
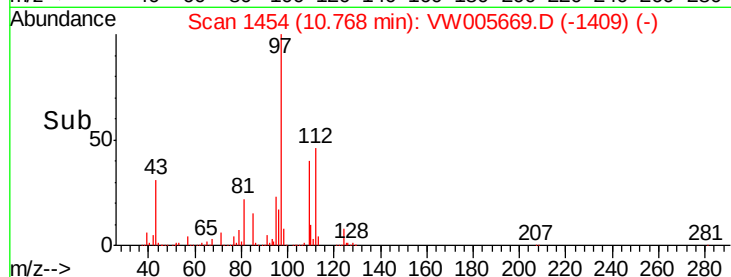
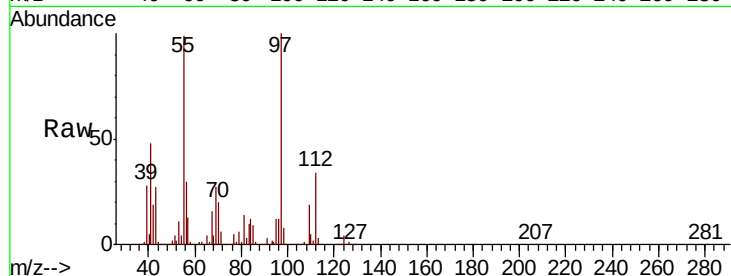




#55
 1,1,2-Trichloroethane
 Concen: 346.875 ug/l
 RT: 10.77 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: VW005669.D
 Acq: 26 Sep 2018 22:26

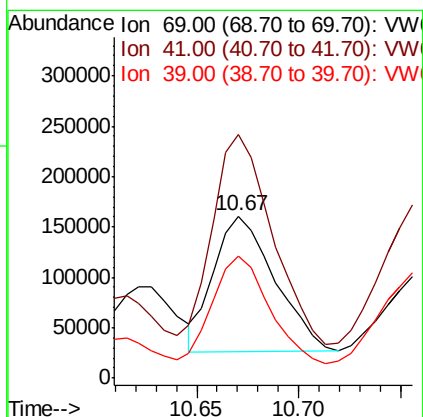
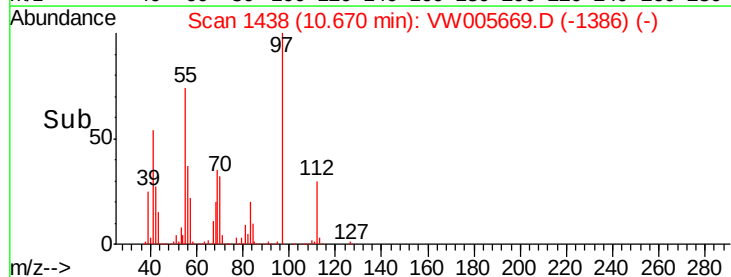
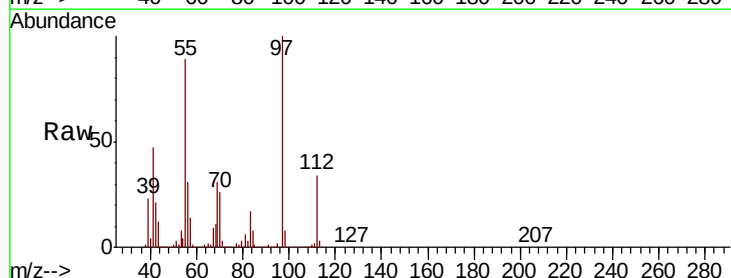
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-D

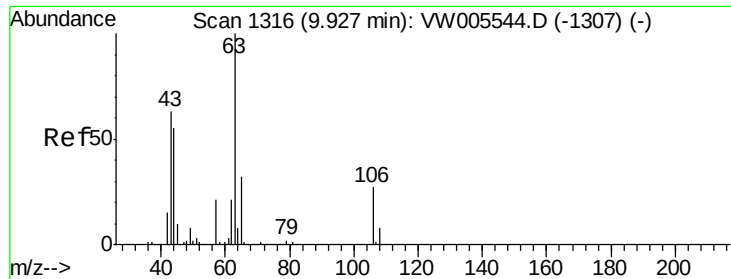
Tgt Ion: 97 Resp: 759686
 Ion Ratio Lower Upper
 97 100
 83 8.1 67.4 101.2#
 85 9.2 43.3 64.9#
 99 0.3 48.0 72.0#



#56
 Ethyl methacrylate
 Concen: 102.817 ug/l
 RT: 10.67 min Scan# 1438
 Delta R.T. 0.02 min
 Lab File: VW005669.D
 Acq: 26 Sep 2018 22:26

Tgt Ion: 69 Resp: 277971
 Ion Ratio Lower Upper
 69 100
 41 150.0 57.3 85.9#
 39 83.0 29.2 43.8#

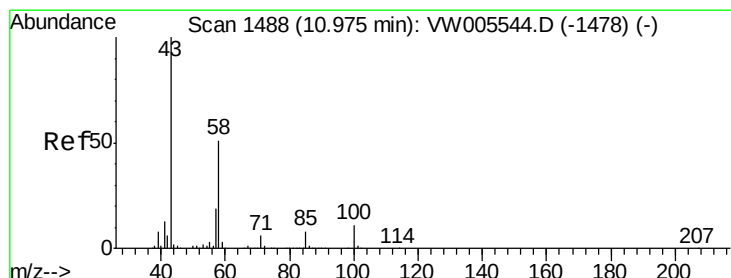
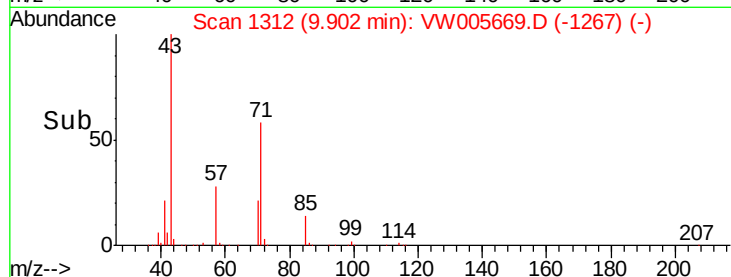
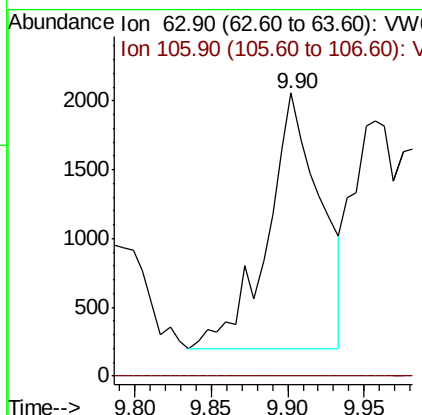
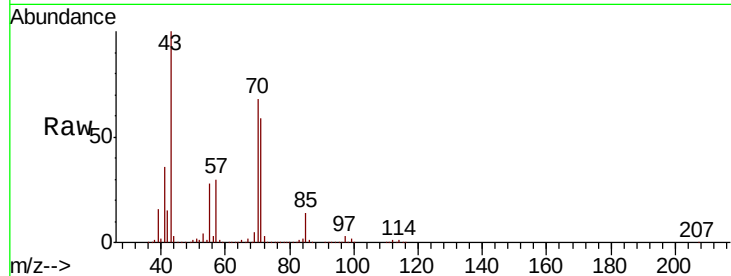




#58
 2-Chloroethyl Vinyl ether
 Concen: 3.656 ug/l
 RT: 9.90 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: VW005669.D
 Acq: 26 Sep 2018 22:26

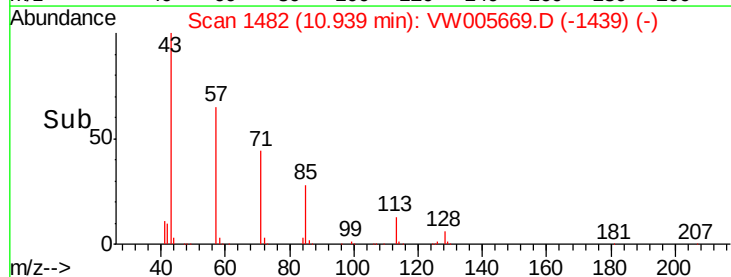
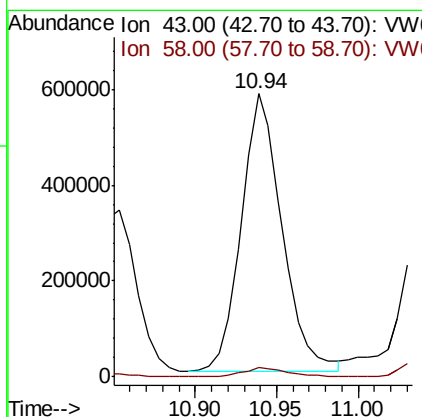
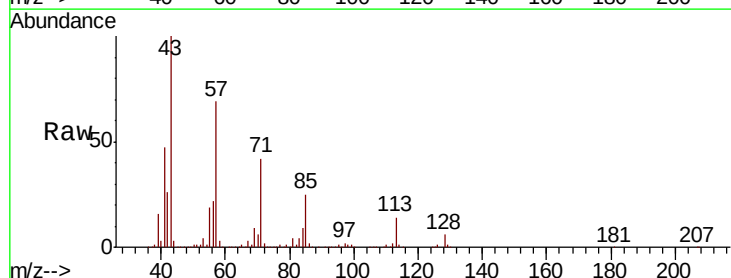
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-D

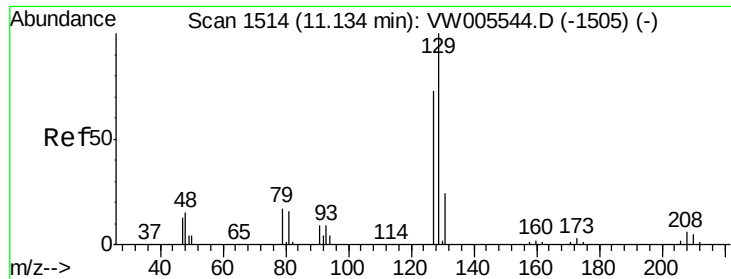
Tgt Ion: 63 Resp: 4480
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.6 32.4#



#59
 2-Hexanone
 Concen: 804.846 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.04 min
 Lab File: VW005669.D
 Acq: 26 Sep 2018 22:26

Tgt Ion: 43 Resp: 1009327
 Ion Ratio Lower Upper
 43 100
 58 3.7 25.3 75.9#





#60

Dibromochloromethane

Concen: 1.583 ug/l

RT: 11.04 min Scan# 1498

Delta R.T. -0.10 min

Lab File: VW005669.D

Acq: 26 Sep 2018 22:26

Instrument :

MSVOA_W

ClientSampled :

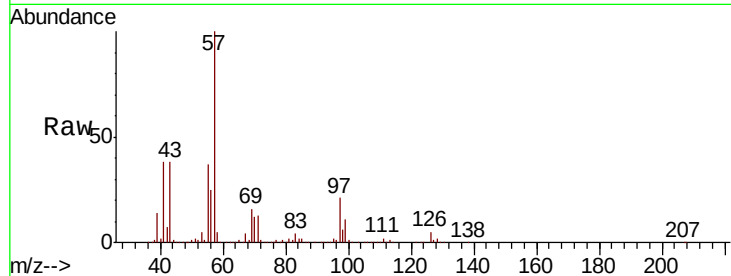
TP-1-D

Tgt Ion:129 Resp: 4189

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.5#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

8000

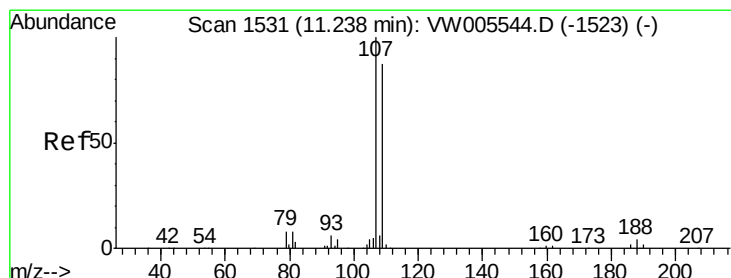
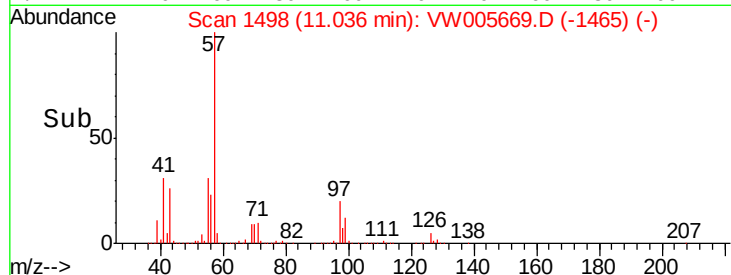
6000

4000

2000

0

Time-->



#61

1,2-Dibromoethane

Concen: 4.479 ug/l

RT: 11.21 min Scan# 1527

Delta R.T. -0.02 min

Lab File: VW005669.D

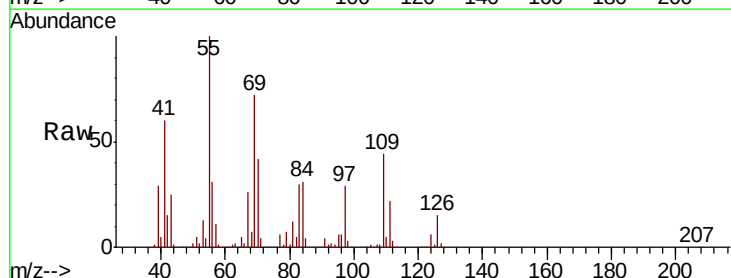
Acq: 26 Sep 2018 22:26

Tgt Ion:107 Resp: 9145

Ion Ratio Lower Upper

107 100

109 3126.6 73.4 110.0#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

300000

250000

200000

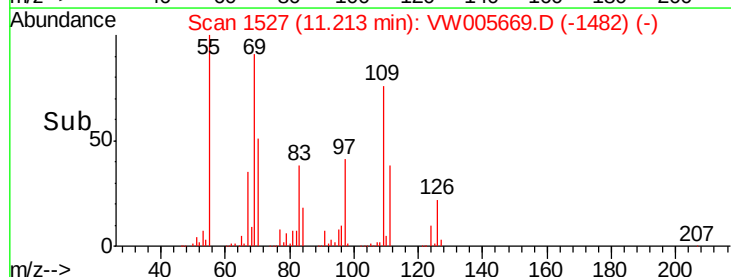
150000

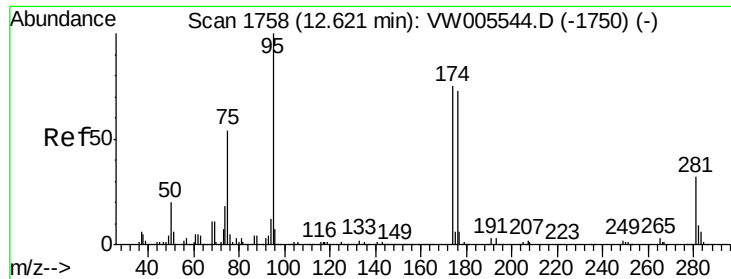
100000

50000

0

Time-->

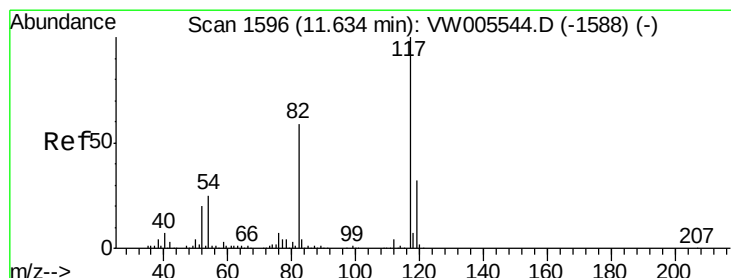
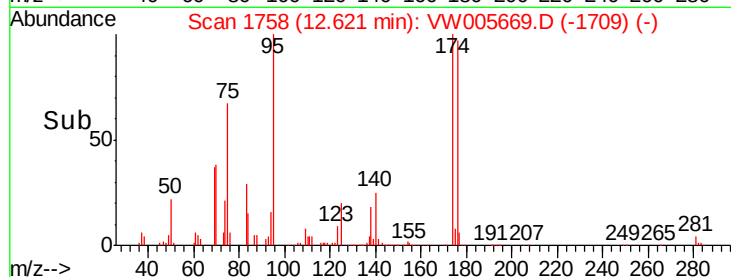
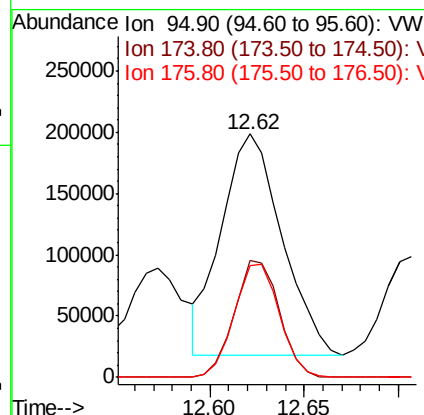
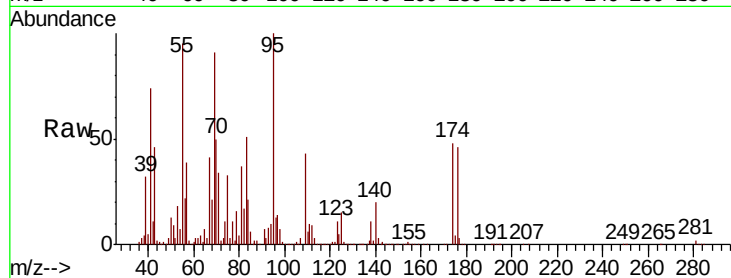




#62
4-Bromofluorobenzene
Concen: 96.399 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005669.D
Acq: 26 Sep 2018 22:26

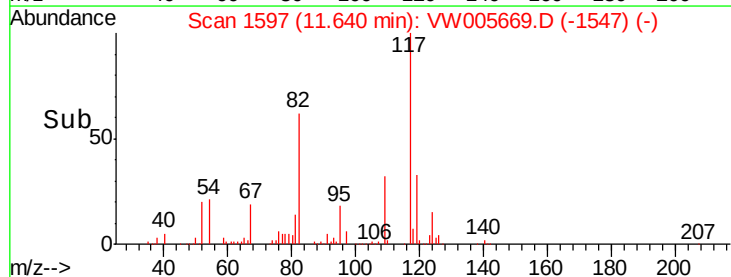
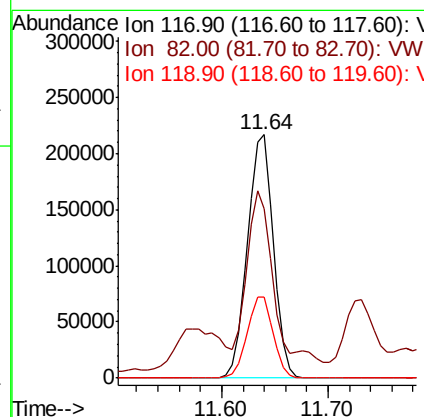
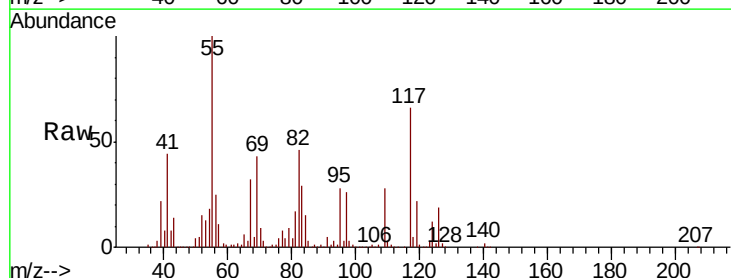
Instrument :
MSVOA_W
ClientSampled :
TP-1-D

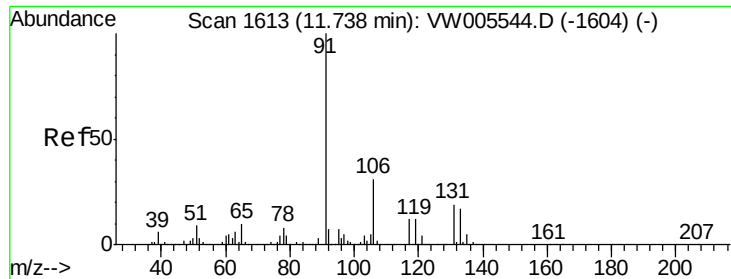
Tgt Ion: 95 Resp: 401934
Ion Ratio Lower Upper
95 100
174 39.6 0.0 163.8
176 38.3 0.0 158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005669.D
Acq: 26 Sep 2018 22:26

Tgt Ion: 117 Resp: 372167
Ion Ratio Lower Upper
117 100
82 53.8 46.9 70.3
119 33.0 25.7 38.5

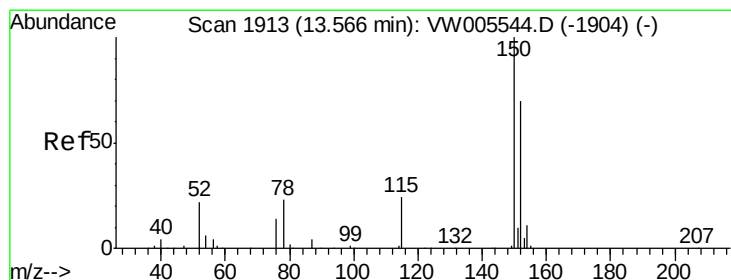
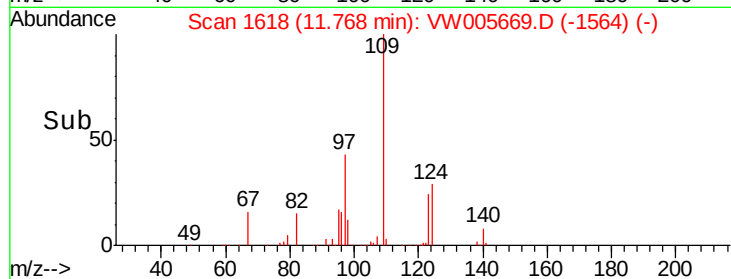
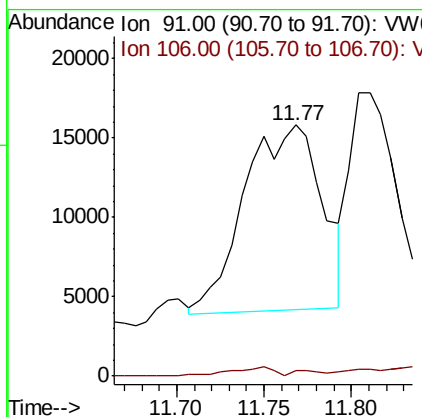
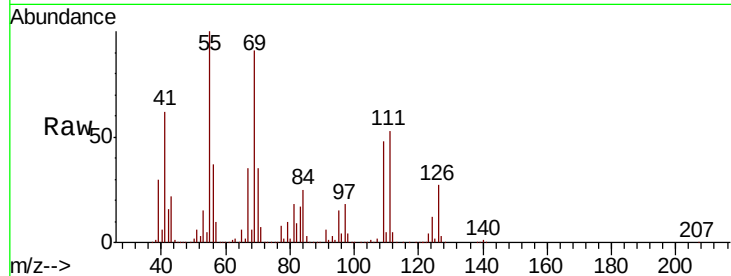




#67
 Ethyl Benzene
 Concen: 2.576 ug/l
 RT: 11.77 min Scan# 1618
 Delta R.T. 0.03 min
 Lab File: VW005669.D
 Acq: 26 Sep 2018 22:26

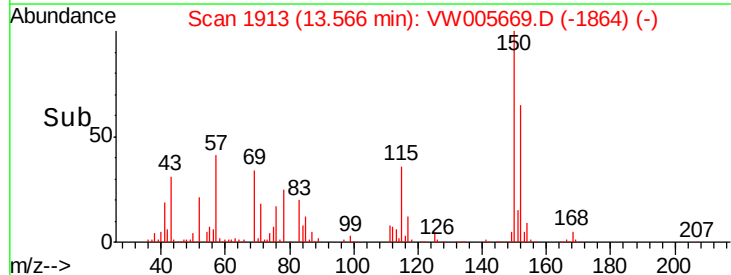
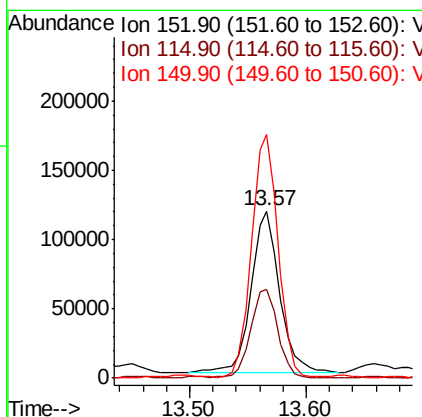
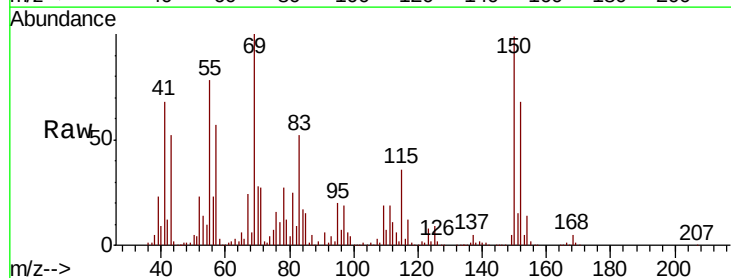
Instrument :
 MSVOA_W
 ClientSampled :
 TP-1-D

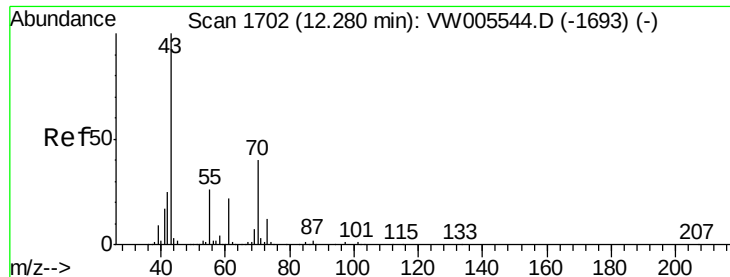
Tgt Ion: 91 Resp: 36120
 Ion Ratio Lower Upper
 91 100
 106 2.1 24.4 36.6#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VW005669.D
 Acq: 26 Sep 2018 22:26

Tgt Ion: 152 Resp: 198809
 Ion Ratio Lower Upper
 152 100
 115 52.0 30.0 90.0
 150 139.3 0.0 348.6





#74

N-amyI acetate

Concen: 139.066 ug/l

RT: 12.26 min Scan# 1699

Delta R.T. -0.02 min

Lab File: VW005669.D

Acq: 26 Sep 2018 22:26

Instrument :

MSVOA_W

ClientSampleId :

TP-1-D

Tgt Ion: 43 Resp: 434148

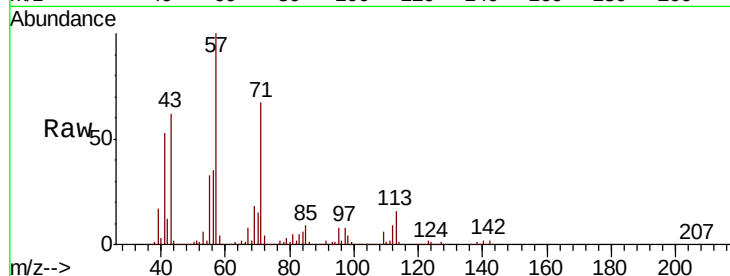
Ion Ratio Lower Upper

43 100

70 10.0 31.4 47.0#

55 0.0 20.9 31.3#

61 0.0 17.8 26.6#

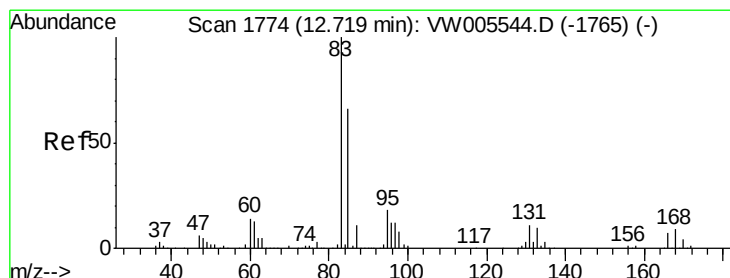
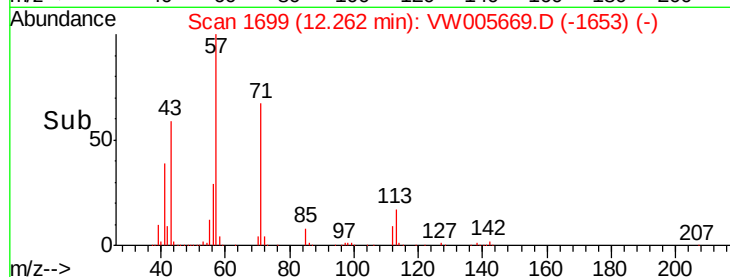
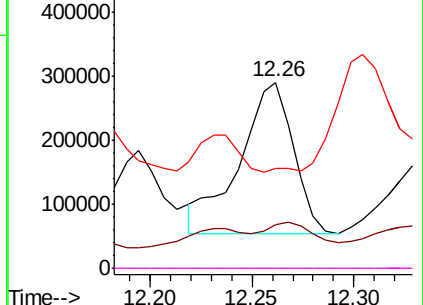


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#75

1,1,2,2-Tetrachloroethane

Concen: 21.788 ug/l

RT: 12.71 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VW005669.D

Acq: 26 Sep 2018 22:26

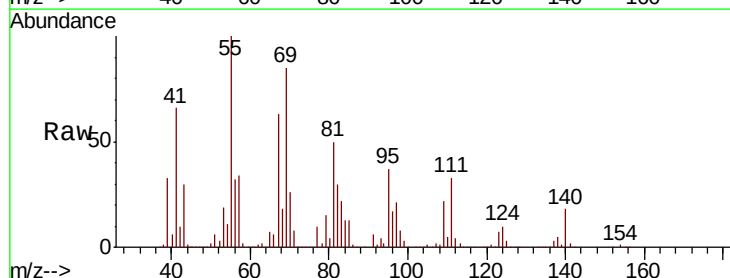
Tgt Ion: 83 Resp: 49895

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.7#

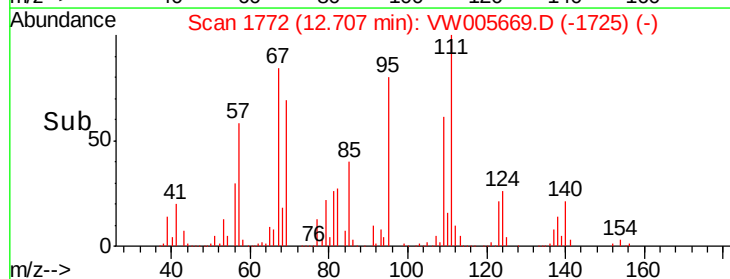
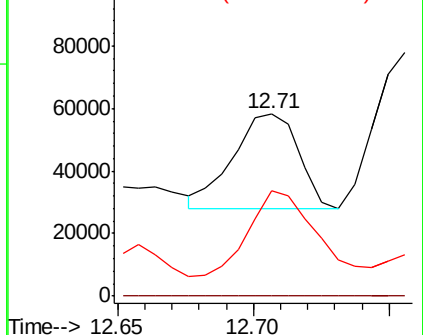
85 92.8 32.4 97.0

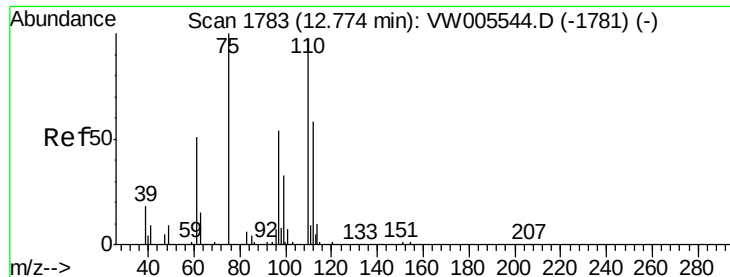


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW

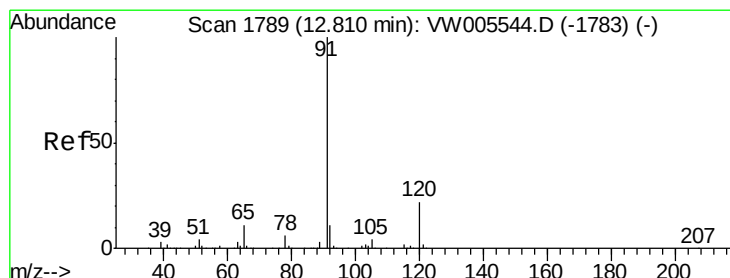
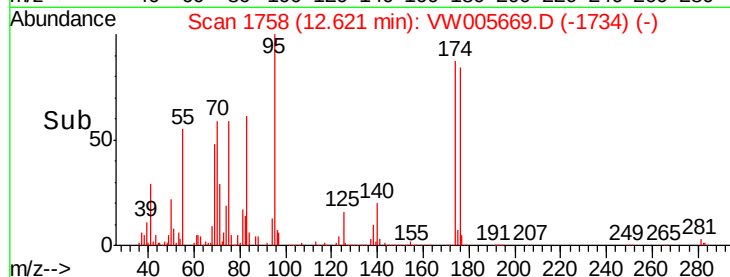
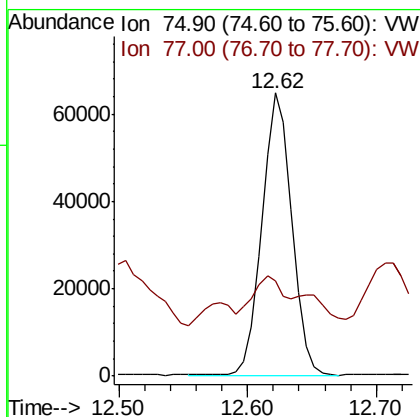
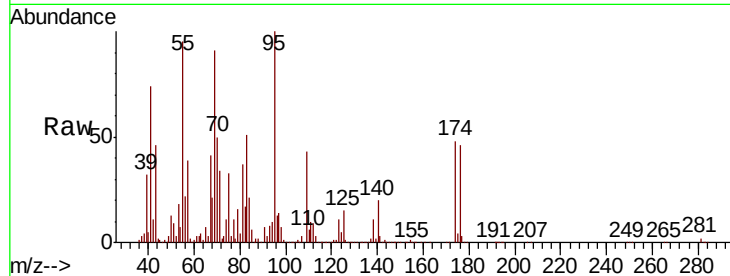




#76
 1,2,3-Trichloropropane
 Concen: 60.859 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005669.D
 Acq: 26 Sep 2018 22:26

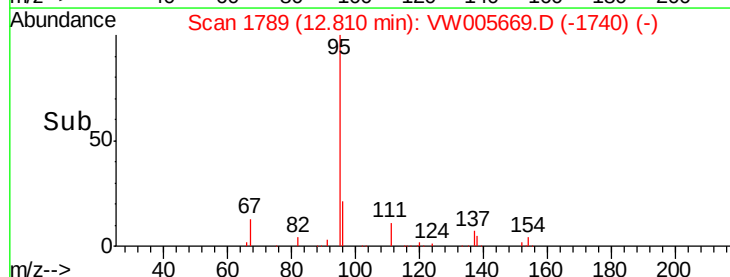
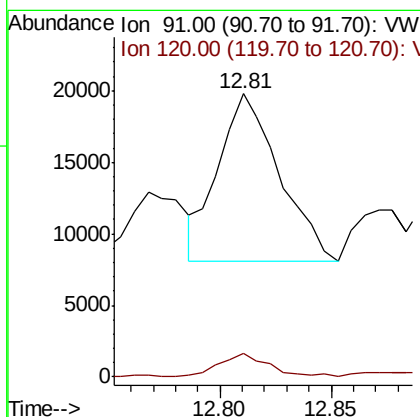
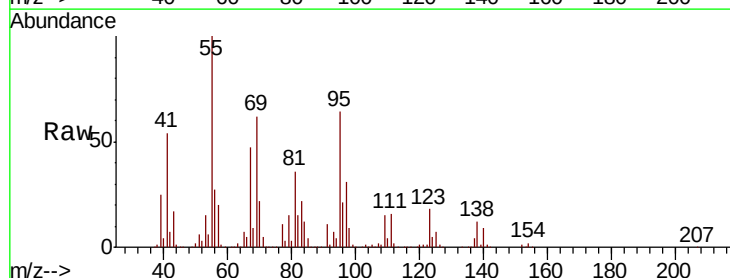
Instrument :
 MSVOA_W
 ClientSampled :
 TP-1-D

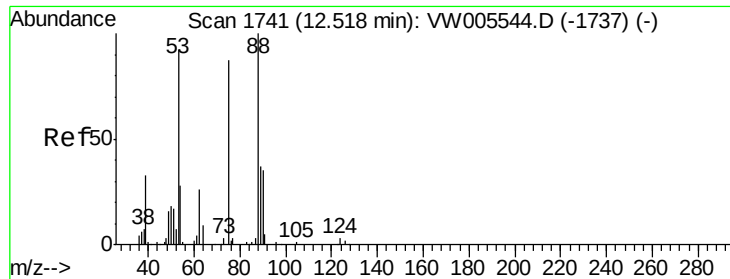
Tgt Ion: 75 Resp: 103139
 Ion Ratio Lower Upper
 75 100
 77 13.0 0.0 0.0#



#78
 n-propylbenzene
 Concen: 1.325 ug/l
 RT: 12.81 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VW005669.D
 Acq: 26 Sep 2018 22:26

Tgt Ion: 91 Resp: 22122
 Ion Ratio Lower Upper
 91 100
 120 11.6 11.2 33.5





#81

trans-1,4-Dichloro-2-butene

Concen: 137.073 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005669.D

Acq: 26 Sep 2018 22:26

Instrument :

MSVOA_W

ClientSampled :

TP-1-D

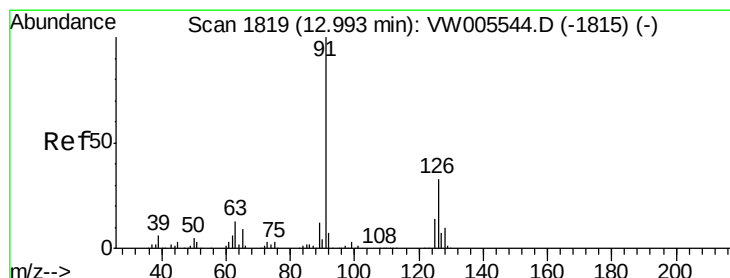
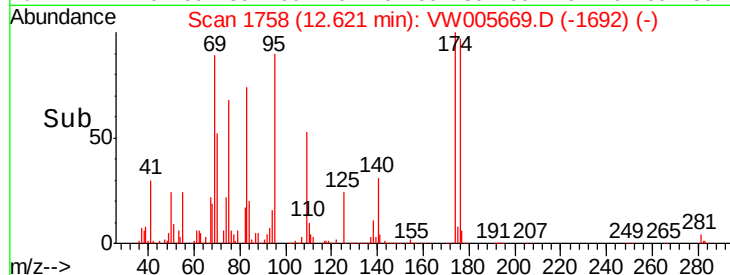
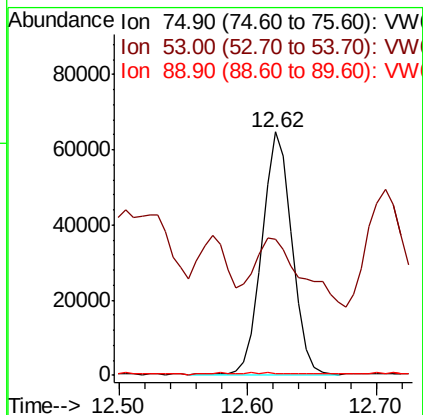
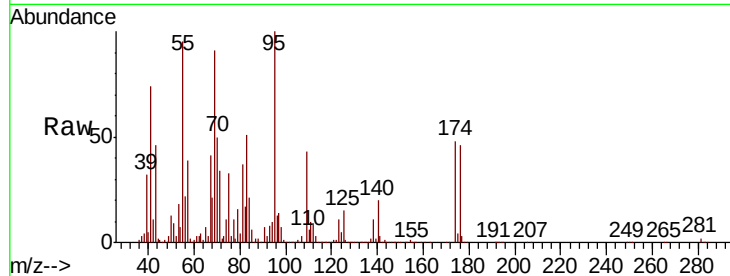
Tgt Ion: 75 Resp: 103139

Ion Ratio Lower Upper

75 100

53 44.4 85.8 128.6#

89 0.6 37.3 55.9#



#82

4-Chlorotoluene

Concen: 1.220 ug/l

RT: 13.14 min Scan# 1843

Delta R.T. 0.15 min

Lab File: VW005669.D

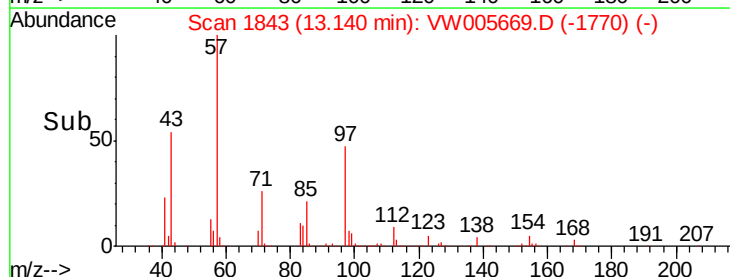
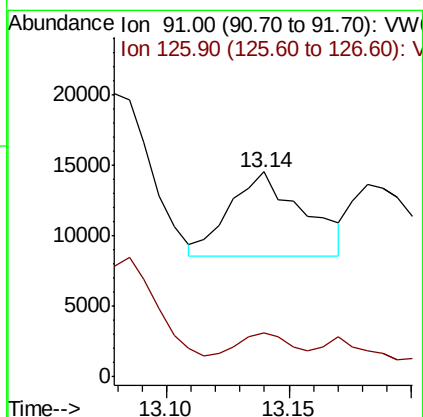
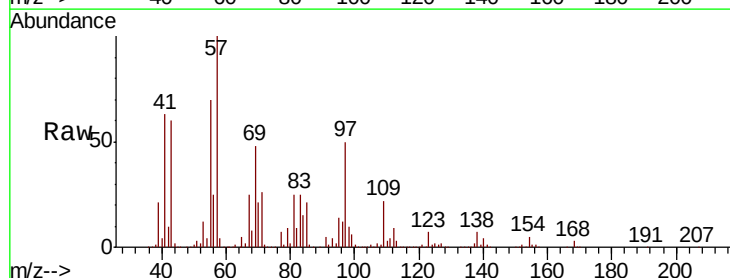
Acq: 26 Sep 2018 22:26

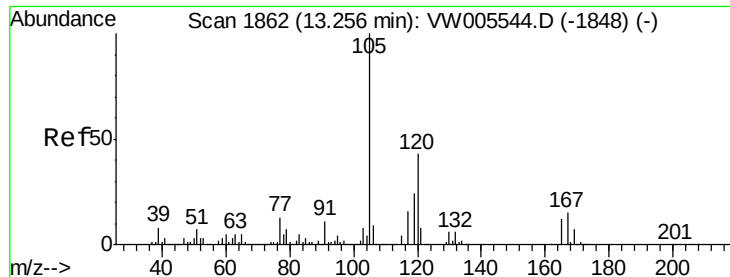
Tgt Ion: 91 Resp: 12444

Ion Ratio Lower Upper

91 100

126 31.0 16.4 49.4

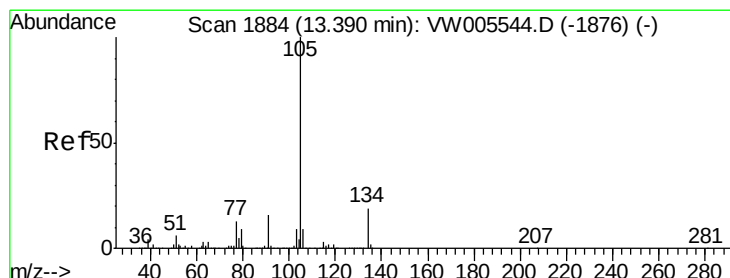
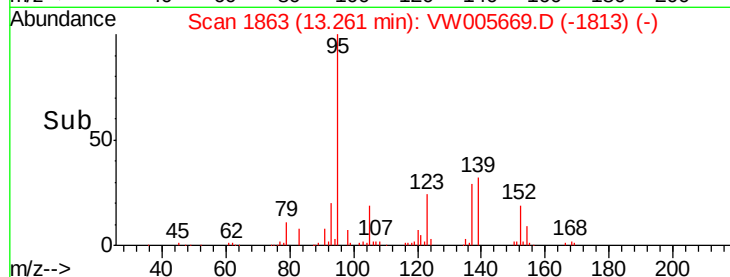
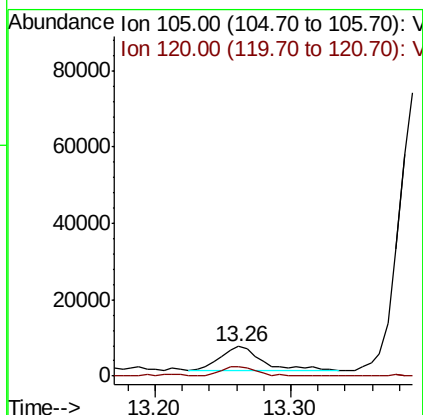
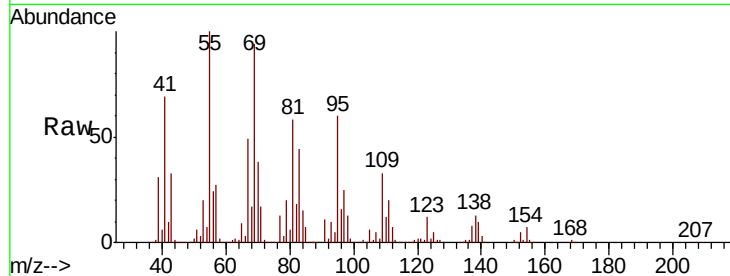




#84
 1,2,4-Trimethylbenzene
 Concen: 1.135 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VW005669.D
 Acq: 26 Sep 2018 22:26

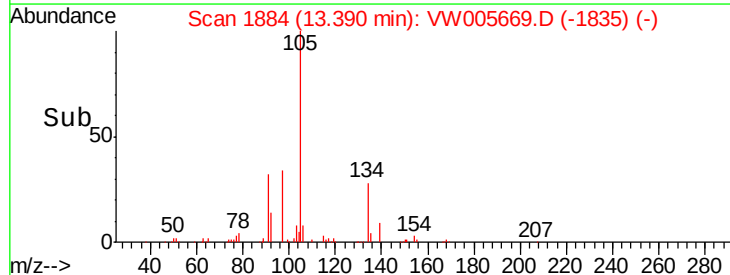
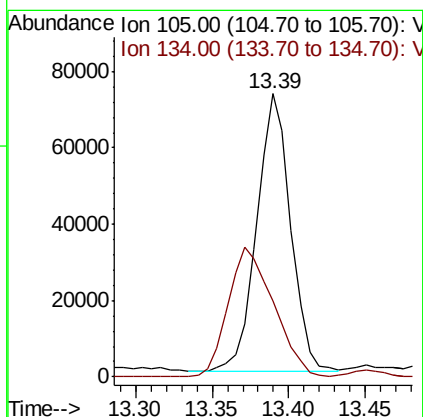
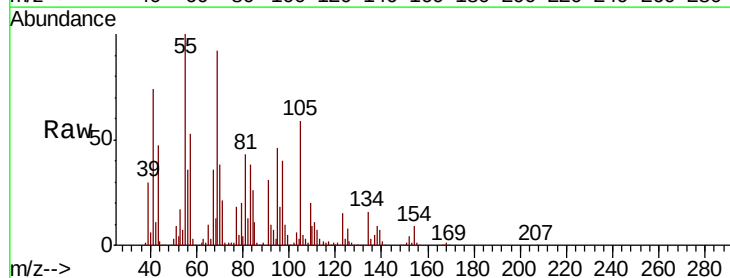
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-D

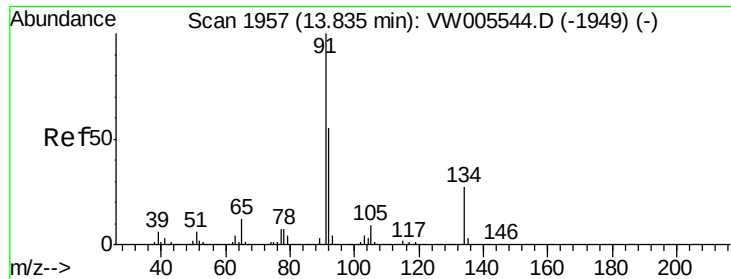
Tgt Ion:105 Resp: 13730
 Ion Ratio Lower Upper
 105 100
 120 35.0 21.5 64.5



#85
 sec-Butylbenzene
 Concen: 7.656 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005669.D
 Acq: 26 Sep 2018 22:26

Tgt Ion:105 Resp: 111831
 Ion Ratio Lower Upper
 105 100
 134 62.8 9.8 29.5#





#89

n-Butylbenzene

Concen: 20.008 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.01 min

Lab File: VW005669.D

Acq: 26 Sep 2018 22:26

Instrument :

MSVOA_W

ClientSampleId :

TP-1-D

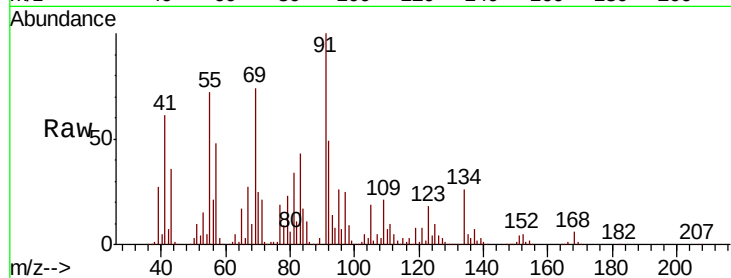
Tgt Ion: 91 Resp: 247092

Ion Ratio Lower Upper

91 100

92 42.3 26.5 79.5

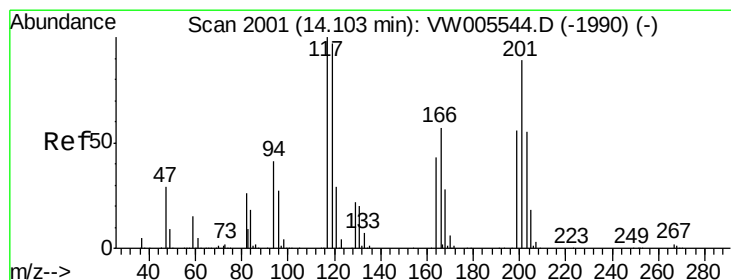
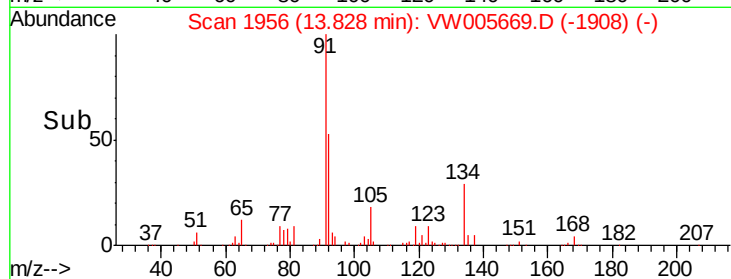
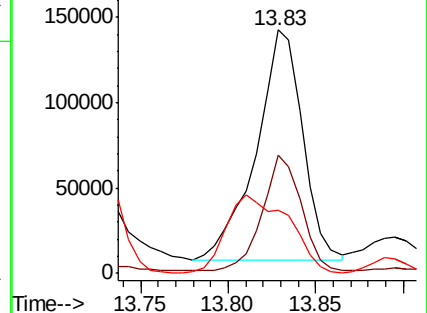
134 45.6 12.9 38.7#



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: 25.281 ug/l

RT: 14.11 min Scan# 2002

Delta R.T. 0.01 min

Lab File: VW005669.D

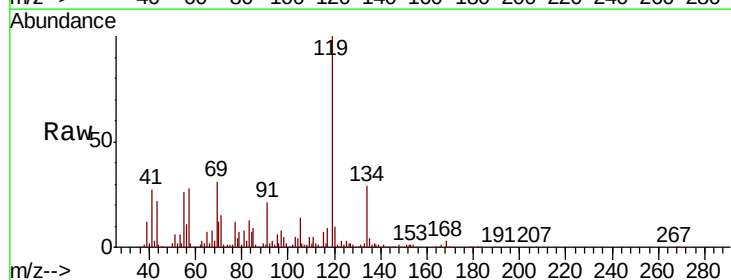
Acq: 26 Sep 2018 22:26

Tgt Ion: 117 Resp: 59993

Ion Ratio Lower Upper

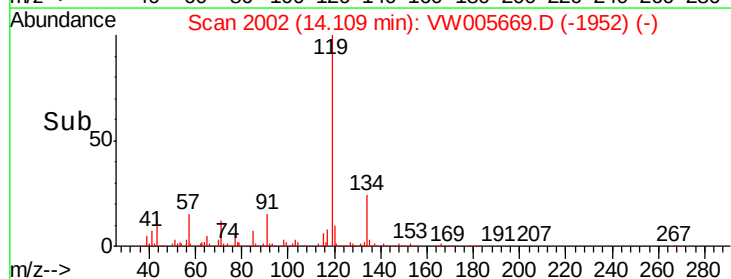
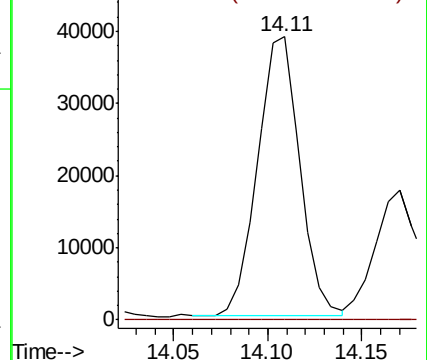
117 100

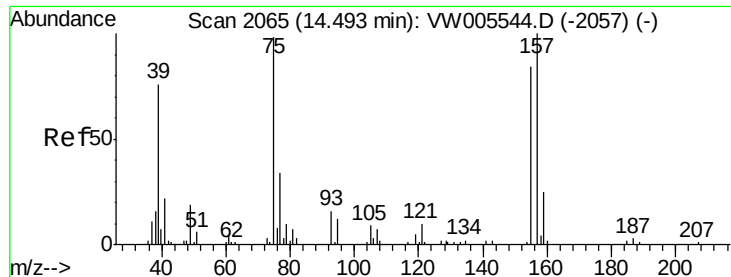
201 0.0 42.8 128.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

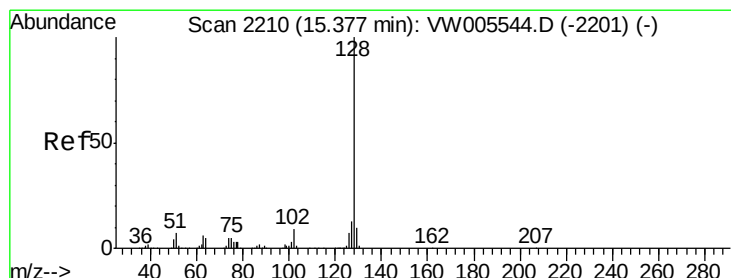
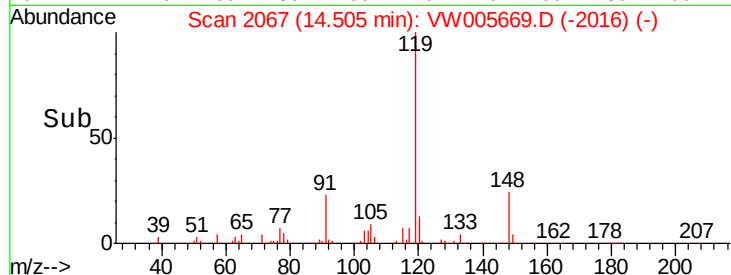
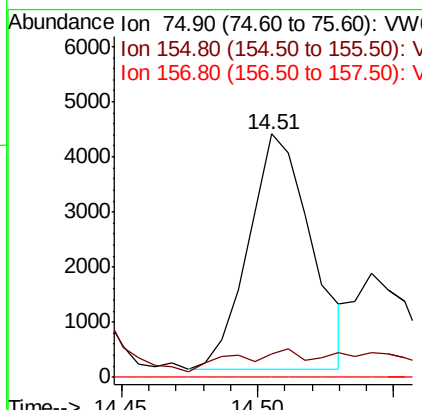
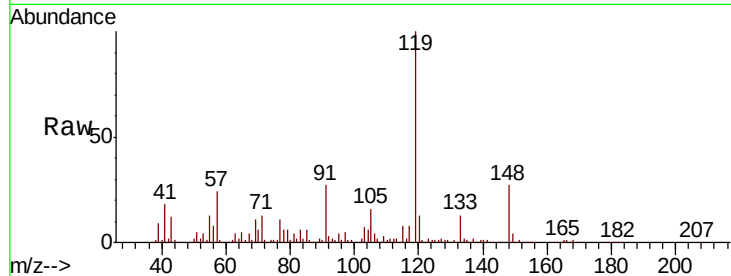




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.569 ug/l
 RT: 14.51 min Scan# 2067
 Delta R.T. 0.01 min
 Lab File: VW005669.D
 Acq: 26 Sep 2018 22:26

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-D

Tgt Ion: 75 Resp: 6793
 Ion Ratio Lower Upper
 75 100
 155 11.5 39.1 117.5#
 157 0.0 50.8 152.4#



#95
 Naphthalene
 Concen: 5.824 ug/l
 RT: 15.34 min Scan# 2204
 Delta R.T. -0.04 min
 Lab File: VW005669.D
 Acq: 26 Sep 2018 22:26

Tgt Ion: 128 Resp: 40758
 Ion Ratio Lower Upper
 128 100
 127 43.6 10.9 16.3#
 129 76.2 8.6 13.0#

