

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004350.D
 Acq On : 30 Jul 2018 08:53
 Operator : SY/AP
 Sample : J4126-01RE
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 09:16:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 02:37:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	96214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	143651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	89291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	30109	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	53732	55.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.72%	
35) Dibromofluoromethane	7.89	113	49274	54.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.56%	
50) Toluene-d8	10.33	98	127622	35.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.14%	
62) 4-Bromofluorobenzene	12.63	95	34353	27.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.38%	

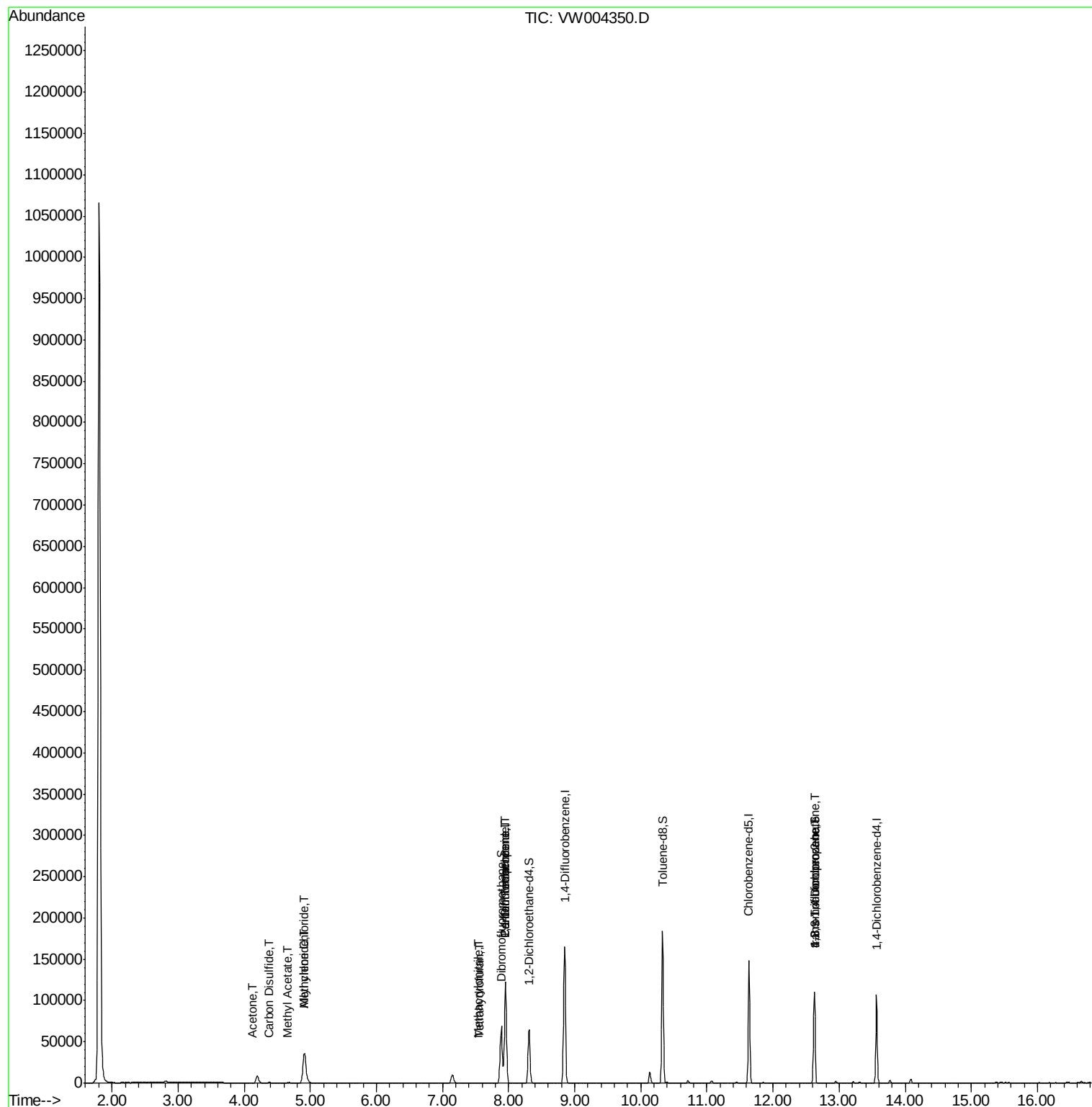
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.84	94	44	Below Cal	#	4
7) Trichlorofluoromethane	3.26	101	63	Below Cal	#	18
8) Diethyl Ether	3.67	74	418	Below Cal		98
11) Tert butyl alcohol	5.17	59	147	Below Cal	#	72
14) Allyl chloride	4.91	41	867	2.051	ug/l #	25
16) Acetone	4.12	43	221	14.455	ug/l #	44
17) Carbon Disulfide	4.38	76	1353	1.005	ug/l #	75
18) Methyl Acetate	4.66	43	577	1.918	ug/l #	21
20) Methylene Chloride	4.92	84	33098	35.150	ug/l	90
29) Tetrahydrofuran	7.55	42	349	4.516	ug/l #	66
36) 1,1-Dichloropropene	7.95	75	6494	4.519	ug/l #	49
38) Carbon Tetrachloride	7.95	117	8952	6.309	ug/l #	16
41) Methacrylonitrile	7.53	41	198	2.589	ug/l #	26
76) 1,2,3-Trichloropropane	12.62	75	16478	59.966	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	16478	139.533	ug/l #	11

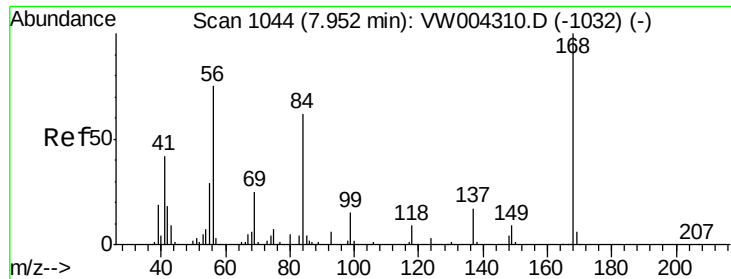
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW073018\
Data File : VW004350.D
Acq On : 30 Jul 2018 08:53
Operator : SY/AP
Sample : J4126-01RE
Misc : 5.04G/5ML/MSVOA W/SOIL
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 30 09:16:41 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 30 02:37:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004350.D

Acq: 30 Jul 2018 08:53

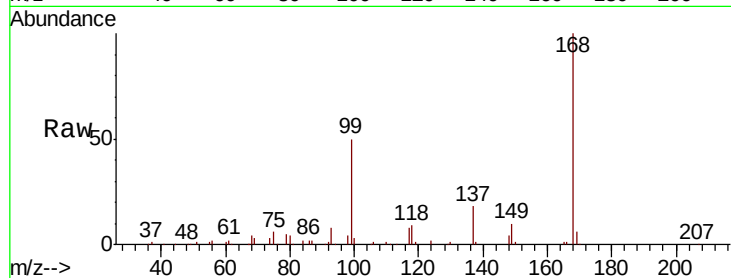
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 96214

Ion Ratio Lower Upper

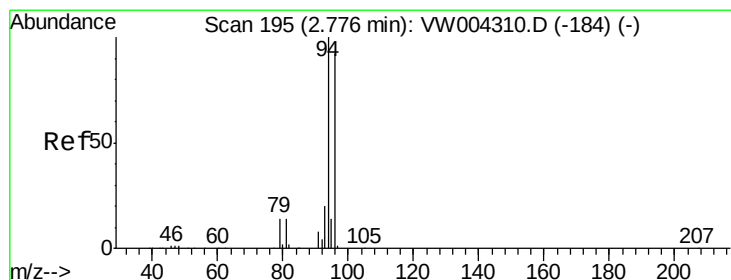
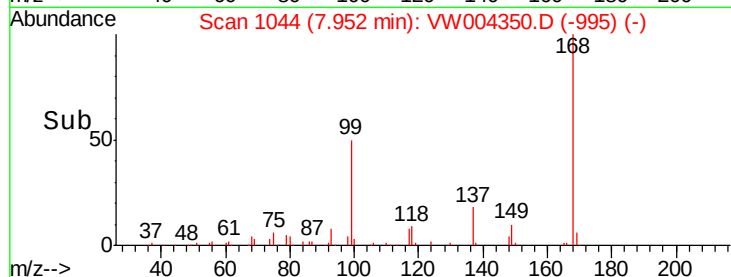
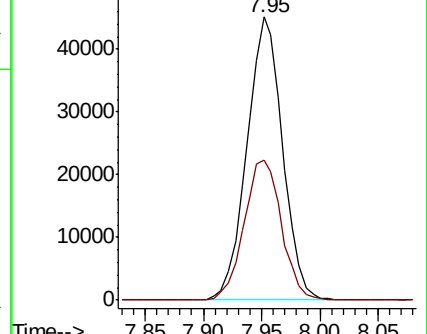
168 100

99 49.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#5

Bromomethane

Concen: Below Cal

RT: 2.84 min Scan# 206

Delta R.T. 0.07 min

Lab File: VW004350.D

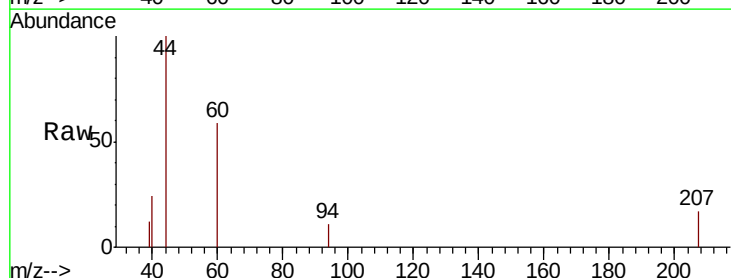
Acq: 30 Jul 2018 08:53

Tgt Ion: 94 Resp: 44

Ion Ratio Lower Upper

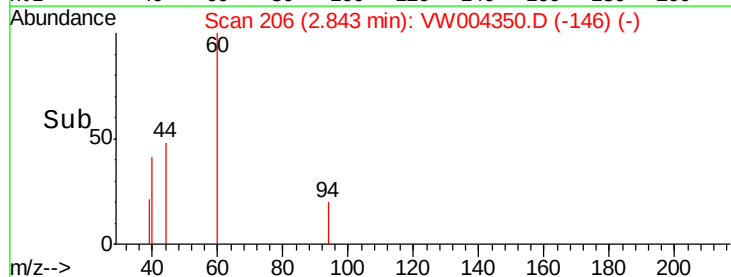
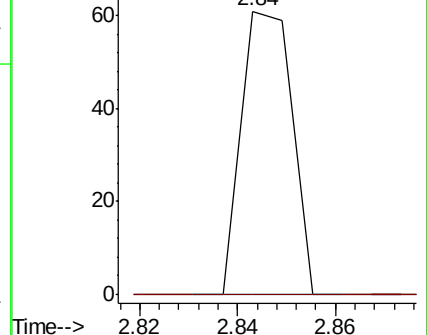
94 100

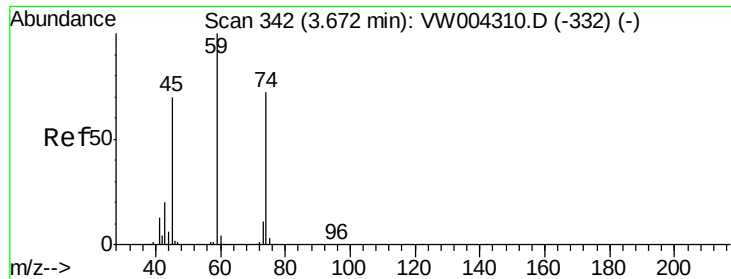
96 0.0 73.3 109.9#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW





#8

Diethyl Ether

Concen: Below Cal

RT: 3.67 min Scan# 341

Delta R.T. -0.01 min

Lab File: VW004350.D

Acq: 30 Jul 2018 08:53

Instrument :

MSVOA_W

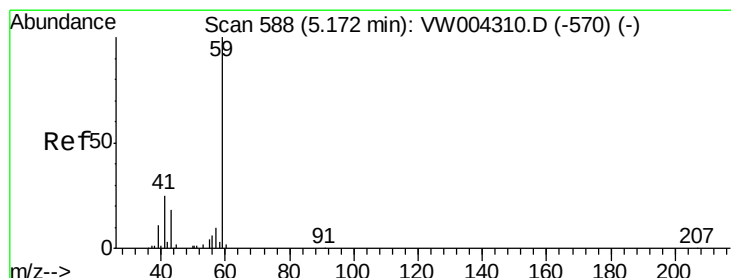
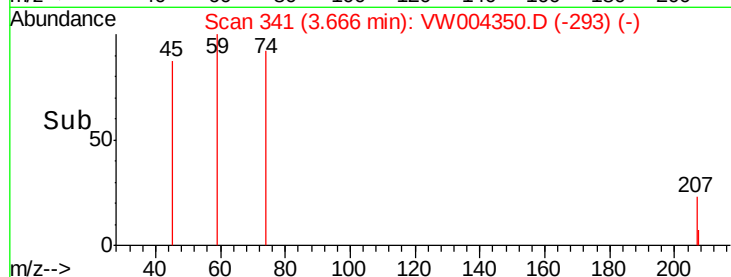
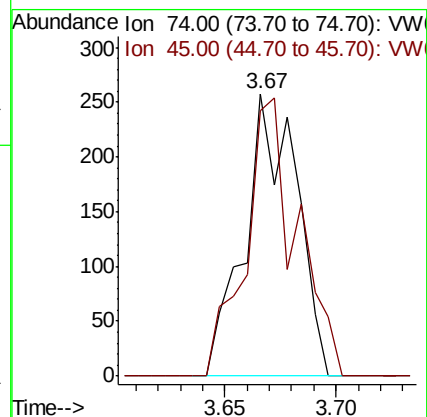
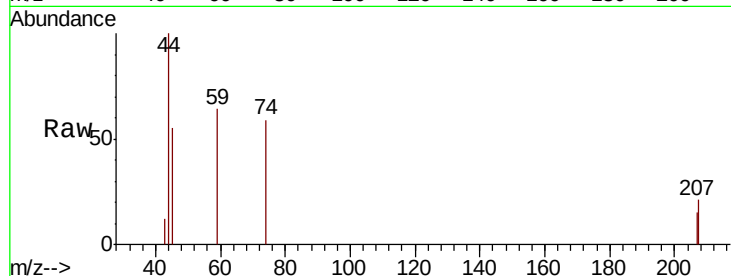
ClientSampled :

Tot Ion: 74 Resp: 418

Ion Ratio Lower Upper

74 100

45 97.1 49.4 148.0



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 588

Delta R.T. 0.00 min

Lab File: VW004350.D

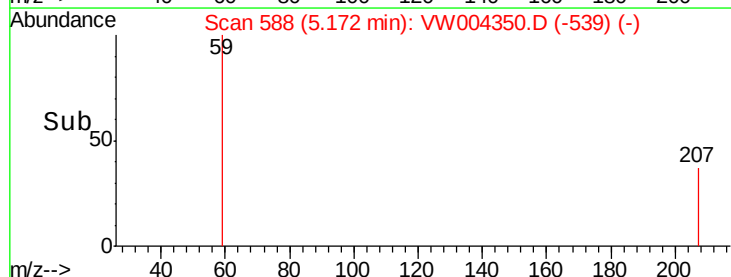
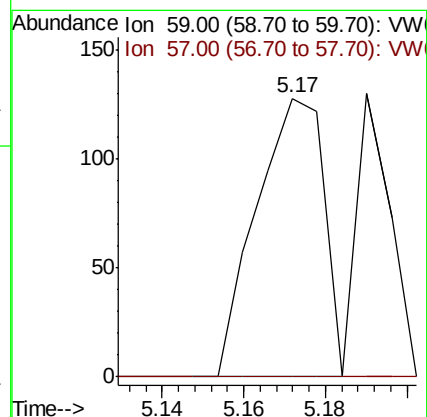
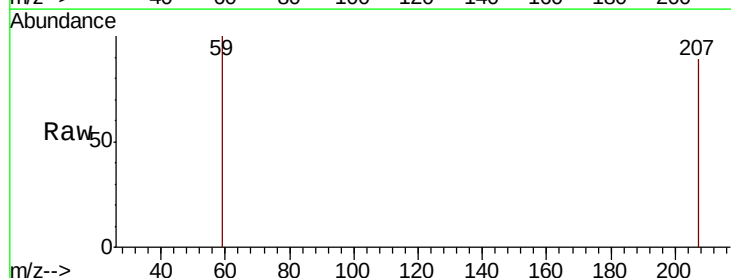
Acq: 30 Jul 2018 08:53

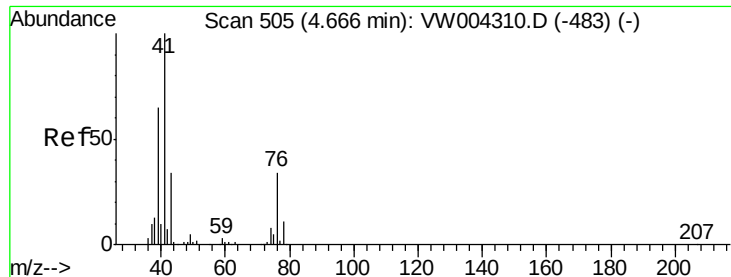
Tgt Ion: 59 Resp: 147

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#

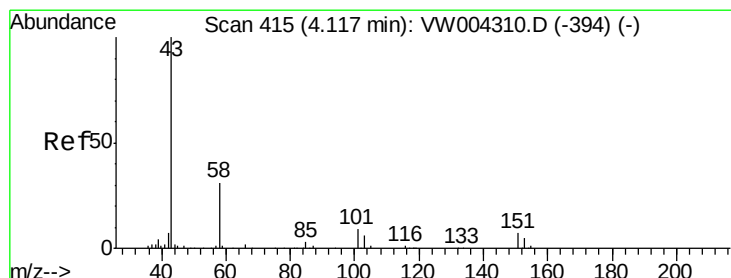
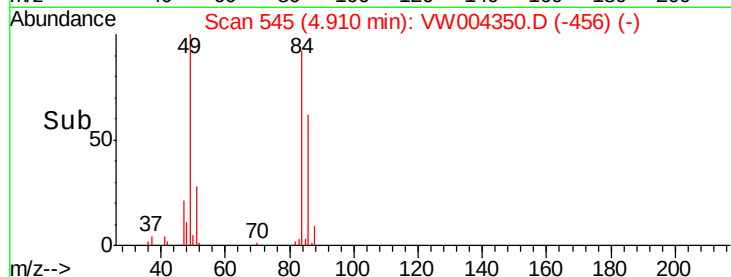
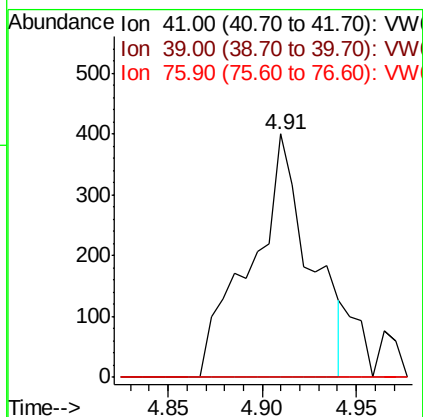
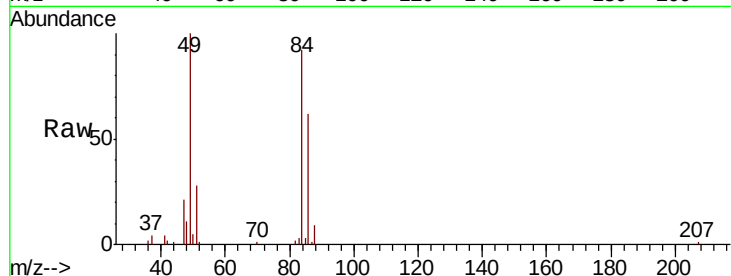




#14
Allvl chloride
Concen: 2.051 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.24 min
Lab File: VW004350.D
Acq: 30 Jul 2018 08:53

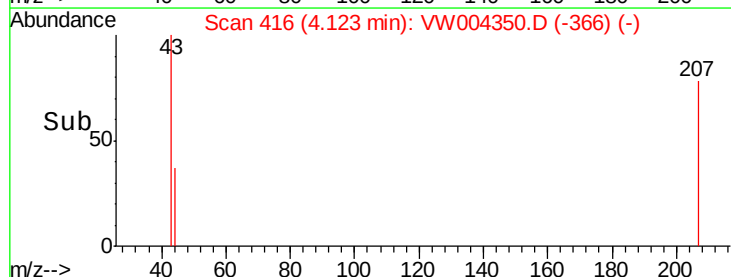
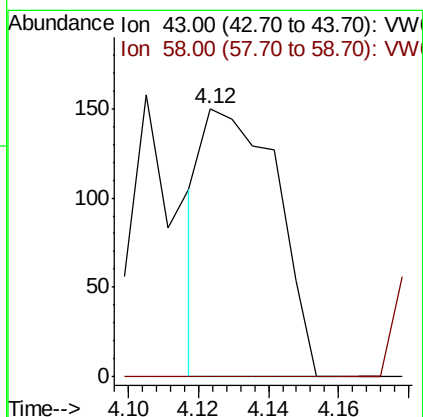
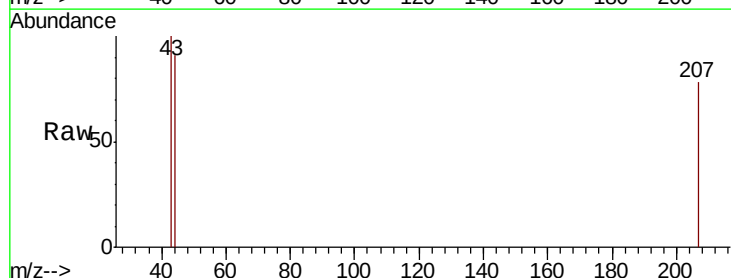
Instrument :
MSVOA_W
ClientSampled :

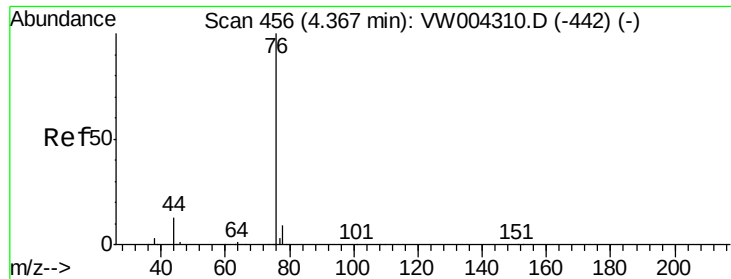
Tot Ion: 41 Resp: 867
Ion Ratio Lower Upper
41 100
39 0.0 52.3 78.5#
76 0.0 27.3 40.9#



#16
Acetone
Concen: 14.455 ug/l
RT: 4.12 min Scan# 416
Delta R.T. 0.01 min
Lab File: VW004350.D
Acq: 30 Jul 2018 08:53

Tgt Ion: 43 Resp: 221
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#





#17

Carbon Disulfide

Concen: 1.005 ug/l

RT: 4.38 min Scan# 458

Delta R.T. 0.01 min

Lab File: VW004350.D

Acq: 30 Jul 2018 08:53

Instrument :

MSVOA_W

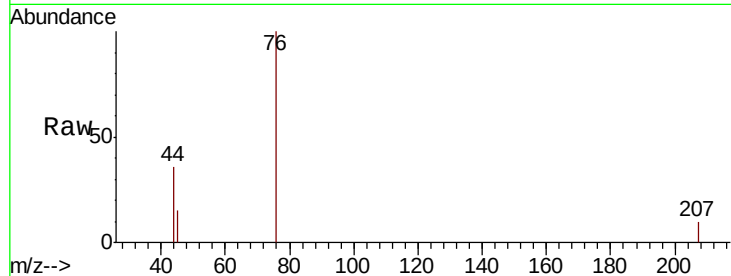
ClientSampleId :

Tot Ion: 76 Resp: 1353

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

600

500

400

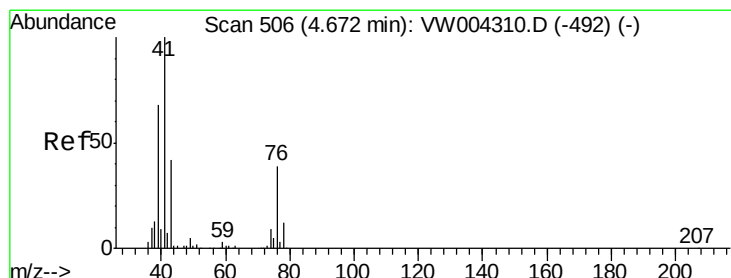
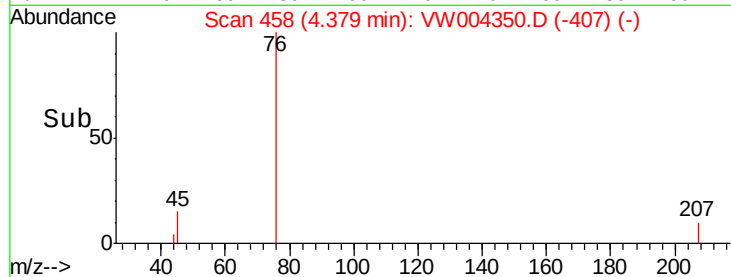
300

200

100

0

Time-->



#18

Methyl Acetate

Concen: 1.918 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.01 min

Lab File: VW004350.D

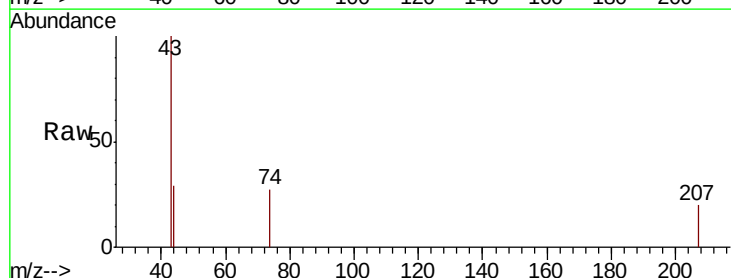
Acq: 30 Jul 2018 08:53

Tgt Ion: 43 Resp: 577

Ion Ratio Lower Upper

43 100

74 60.0 17.8 26.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.66

400

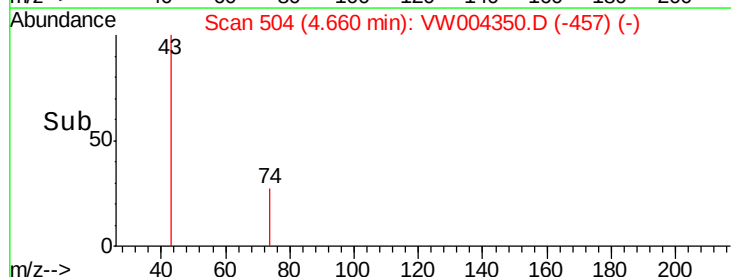
300

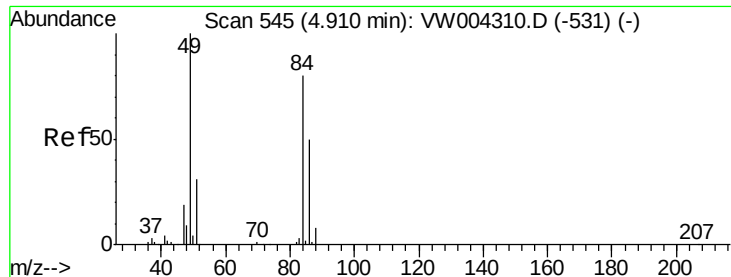
200

100

0

Time-->

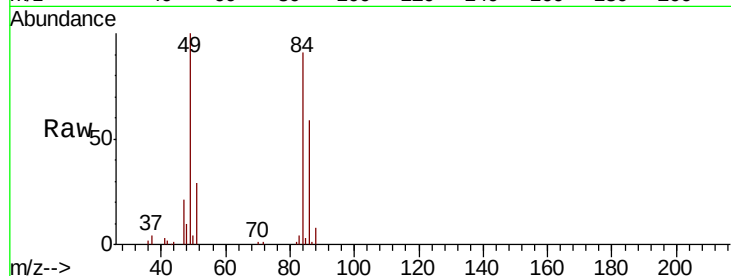




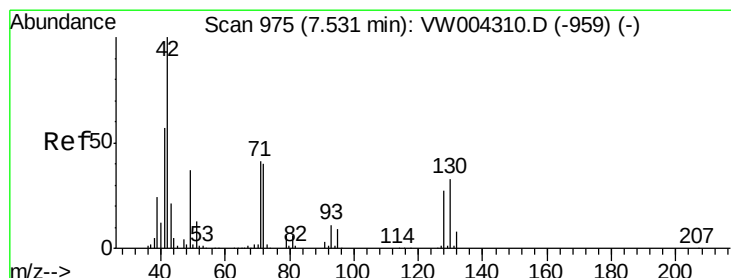
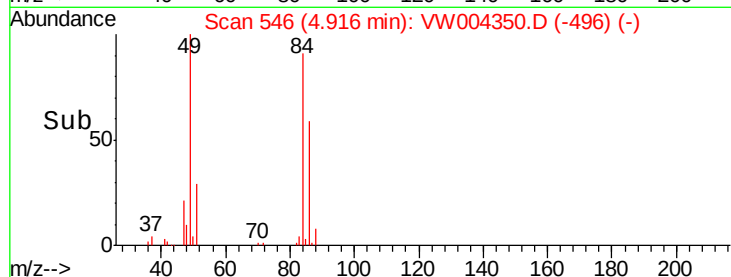
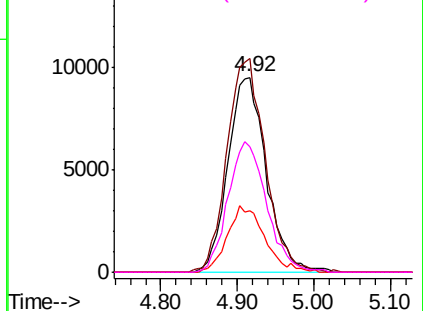
#20
Methylene Chloride
Concen: 35.150 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004350.D
Acq: 30 Jul 2018 08:53

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	84	Resp:	33098
Ion	Ratio	Lower	Upper
84	100		
49	109.8	100.5	150.7
51	31.9	30.9	46.3
86	64.5	50.2	75.4

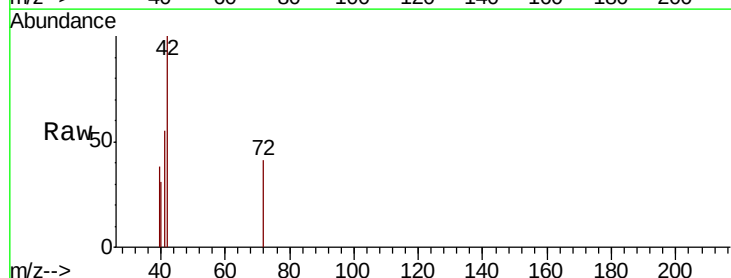


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

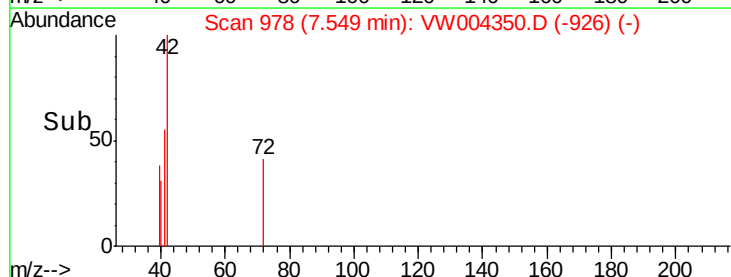
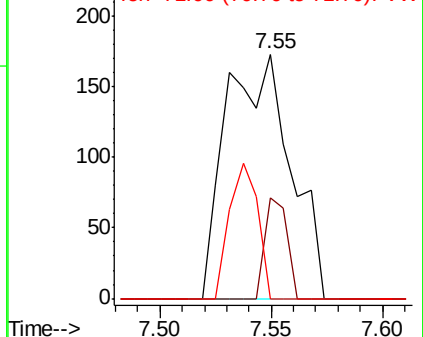


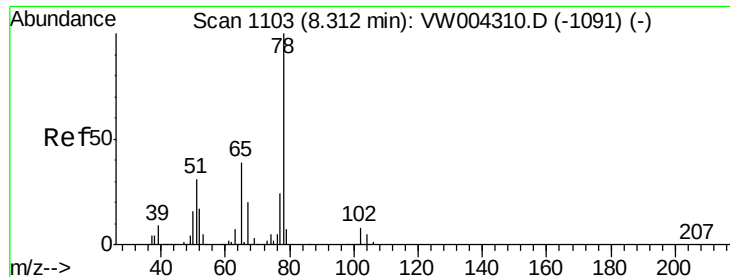
#29
Tetrahydrofuran
Concen: 4.516 ug/l
RT: 7.55 min Scan# 978
Delta R.T. 0.02 min
Lab File: VW004350.D
Acq: 30 Jul 2018 08:53

Tgt Ion:	42	Resp:	349
Ion	Ratio	Lower	Upper
42	100		
72	14.0	32.6	48.8#
71	24.4	31.3	46.9#



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

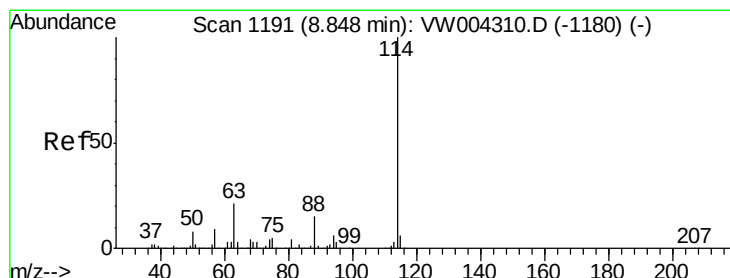
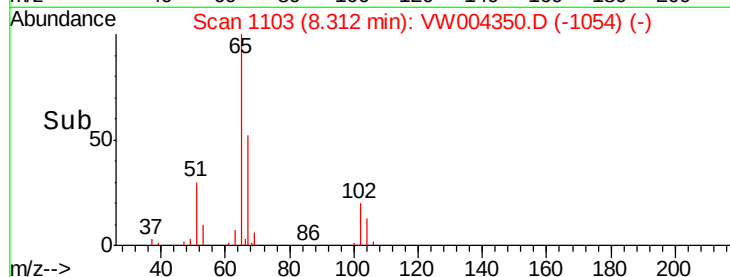
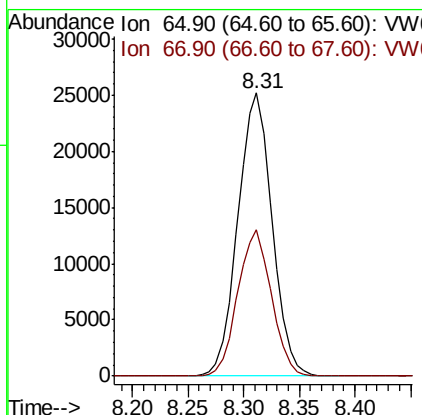
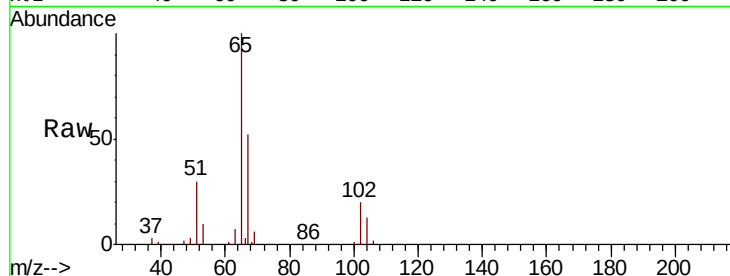




#33
 1,2-Dichloroethane-d4
 Concen: 55.363 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004350.D
 Acq: 30 Jul 2018 08:53

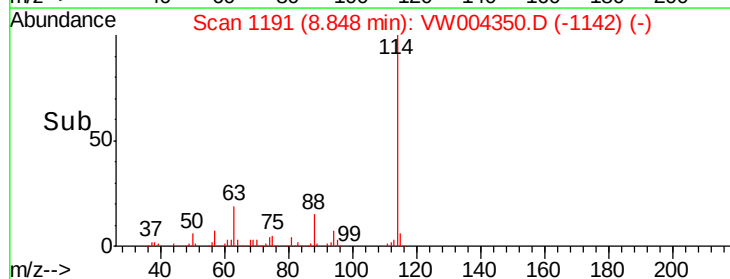
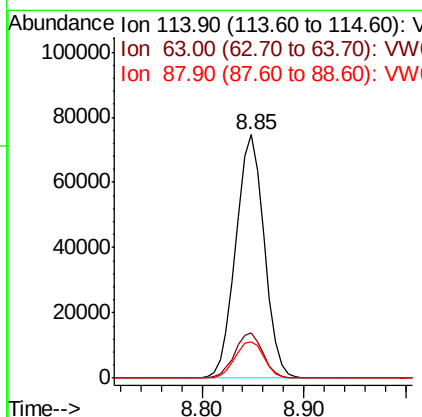
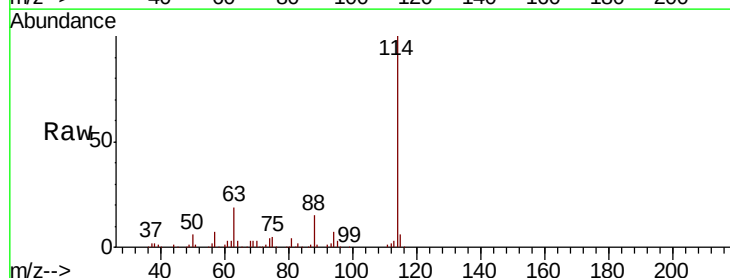
Instrument :
 MSVOA_W
 ClientSampleId :

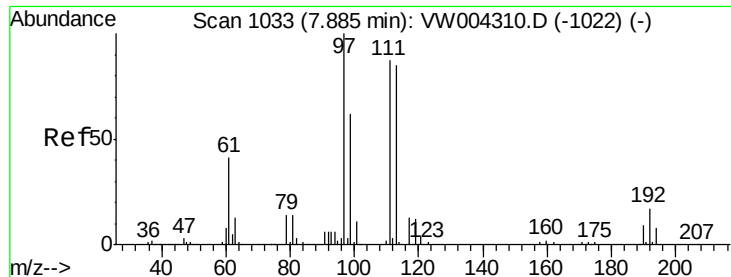
Tot Ion: 65 Resp: 53732
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004350.D
 Acq: 30 Jul 2018 08:53

Tgt Ion: 114 Resp: 143651
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 41.4
 88 14.7 0.0 30.6

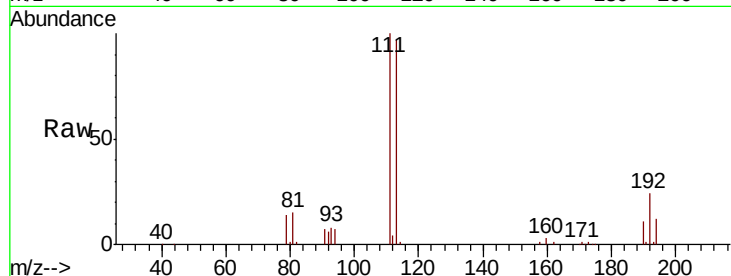




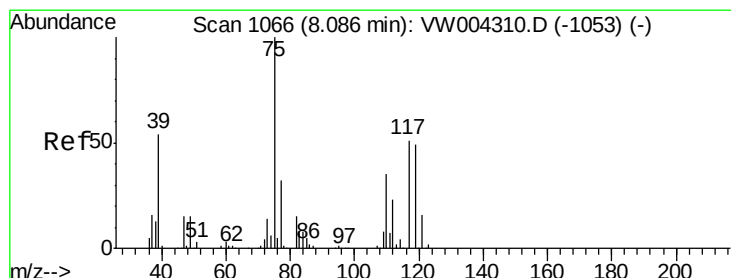
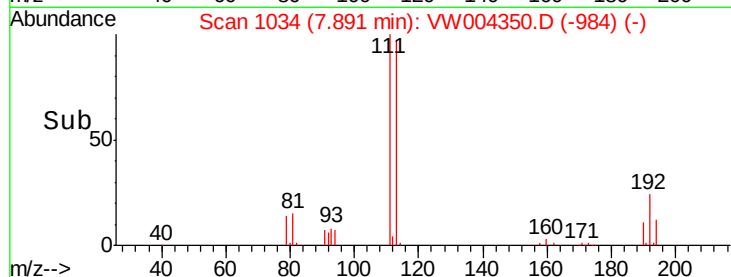
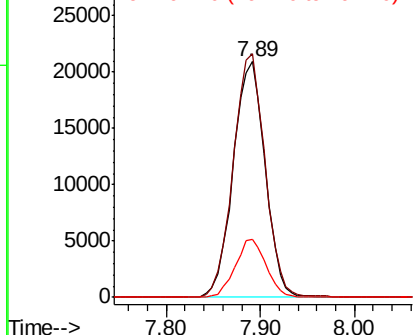
#35
 Dibromofluoromethane
 Concen: 54.277 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004350.D
 Acq: 30 Jul 2018 08:53

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:113 Resp: 49274
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.1 123.1
 192 23.7 16.2 24.4

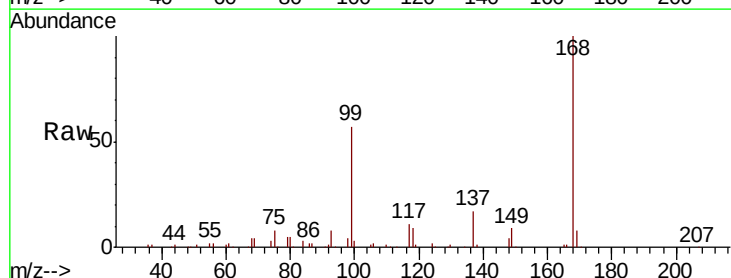


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

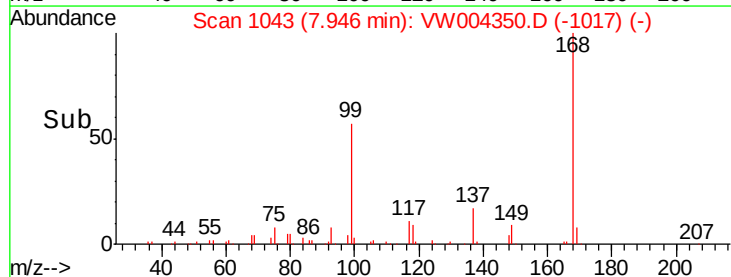
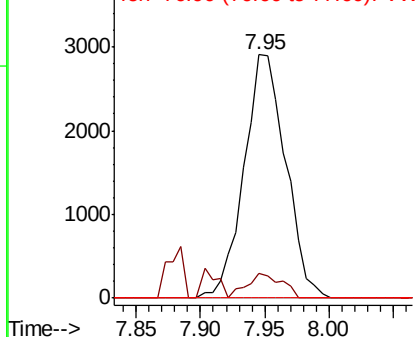


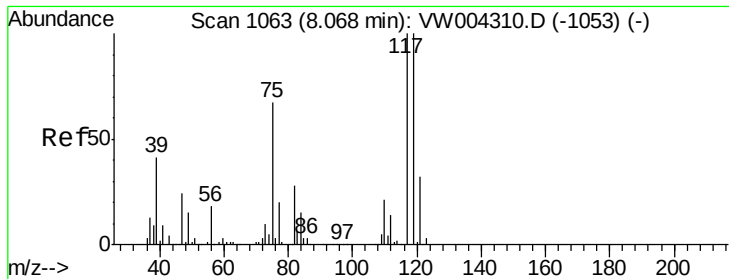
#36
 1,1-Dichloropropene
 Concen: 4.519 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.14 min
 Lab File: VW004350.D
 Acq: 30 Jul 2018 08:53

Tgt Ion: 75 Resp: 6494
 Ion Ratio Lower Upper
 75 100
 110 8.6 17.3 52.0#
 77 0.0 25.0 37.6#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.309 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW004350.D

Acq: 30 Jul 2018 08:53

Instrument :

MSVOA_W

ClientSampled :

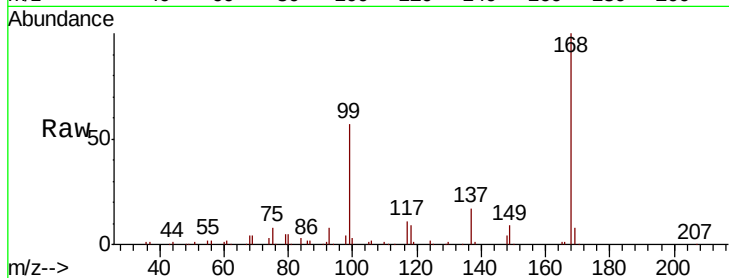
Tot Ion:117 Resp: 8952

Ion Ratio Lower Upper

117 100

119 7.0 79.7 119.5#

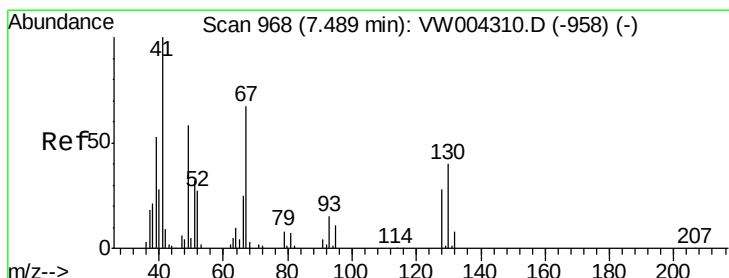
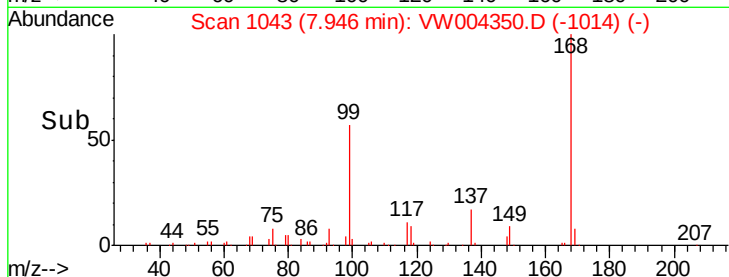
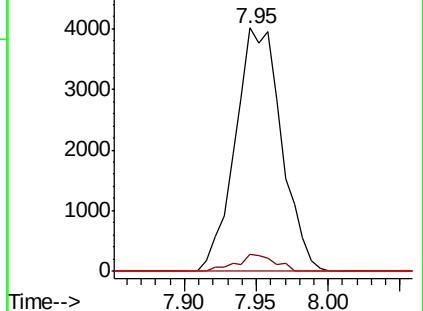
121 0.0 25.7 38.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 2.589 ug/l

RT: 7.53 min Scan# 975

Delta R.T. 0.04 min

Lab File: VW004350.D

Acq: 30 Jul 2018 08:53

Tgt Ion: 41 Resp: 198

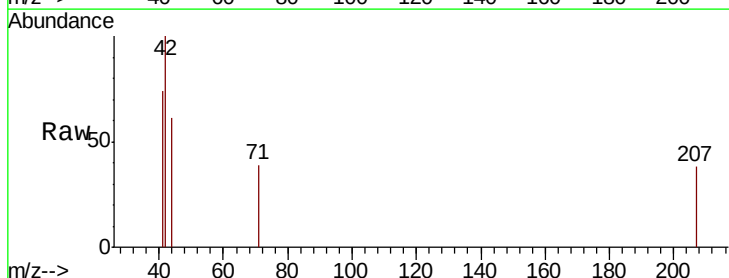
Ion Ratio Lower Upper

41 100

39 0.0 41.2 61.8#

67 0.0 53.4 80.0#

52 0.0 22.4 33.6#

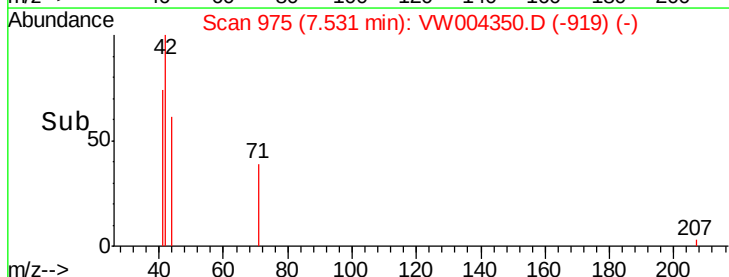
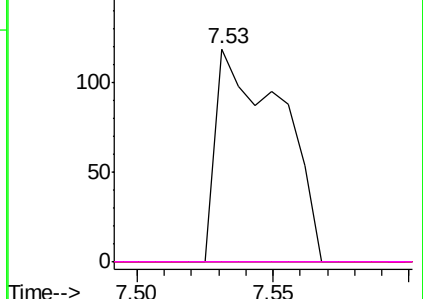


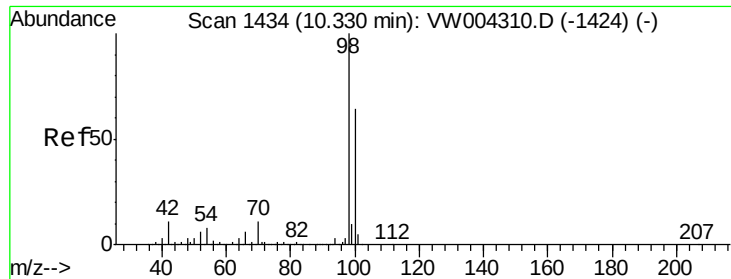
Abundance Ion 41.00 (40.70 to 41.70): VW

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





#50

Toluene-d8

Concen: 35.571 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004350.D

Acq: 30 Jul 2018 08:53

Instrument :

MSVOA_W

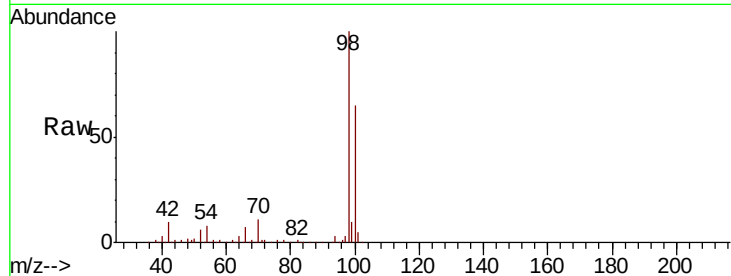
ClientSampleId :

Tot Ion: 98 Resp: 127622

Ion Ratio Lower Upper

98 100

100 63.9 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

80000

60000

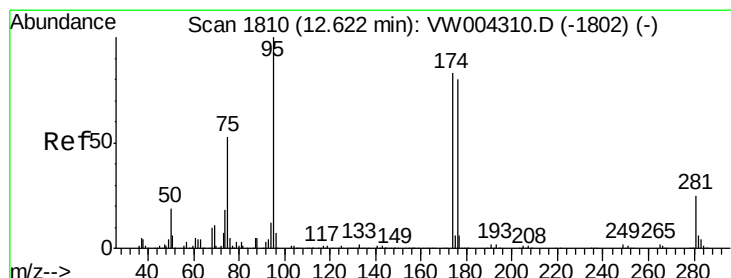
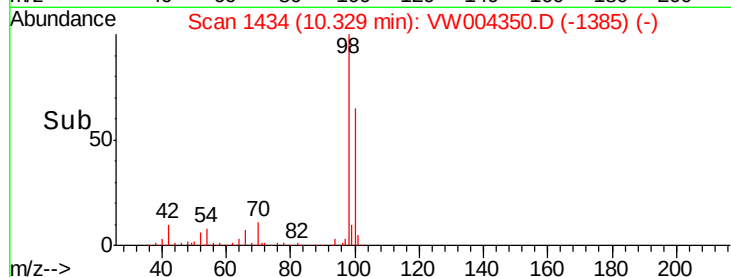
40000

20000

0

10.30 10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 27.194 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004350.D

Acq: 30 Jul 2018 08:53

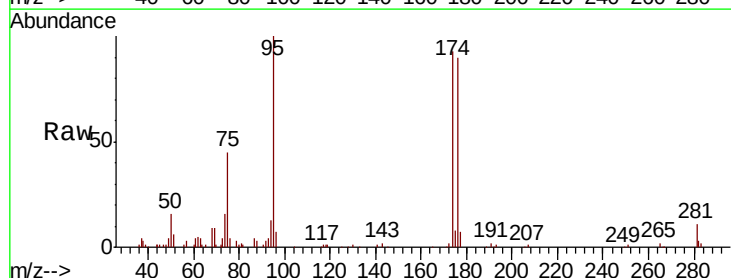
Tgt Ion: 95 Resp: 34353

Ion Ratio Lower Upper

95 100

174 93.3 0.0 167.8

176 89.2 0.0 162.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

25000

20000

15000

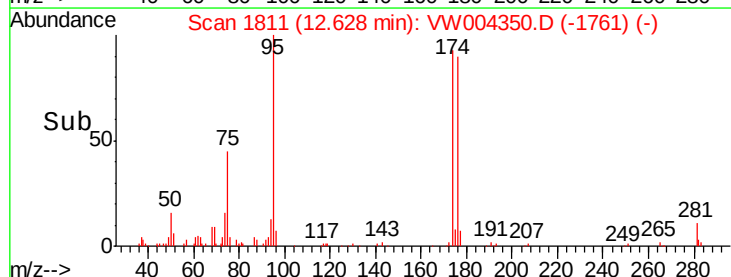
10000

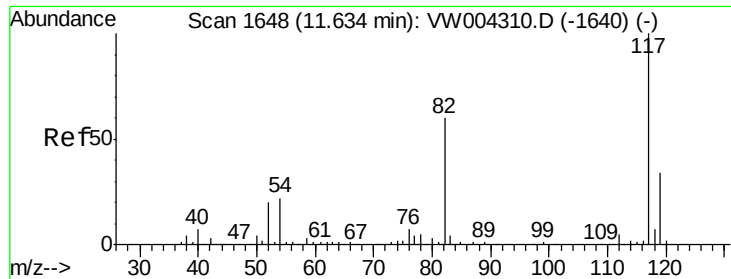
5000

0

12.55 12.60 12.65 12.70

Time-->

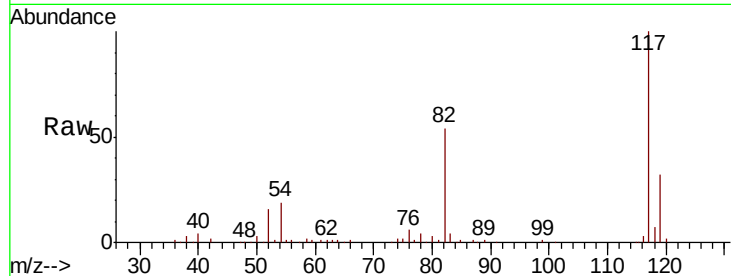




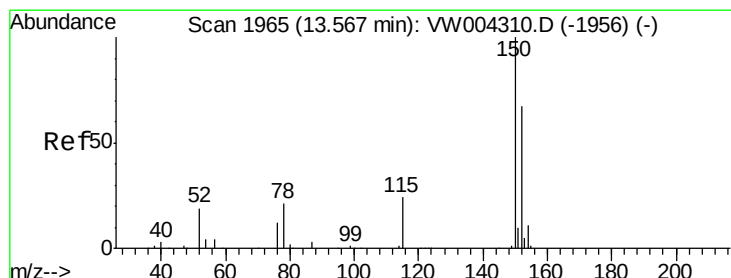
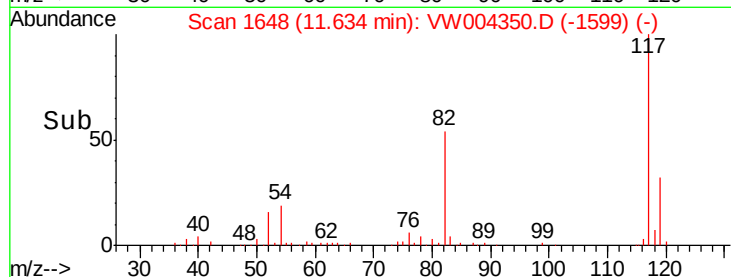
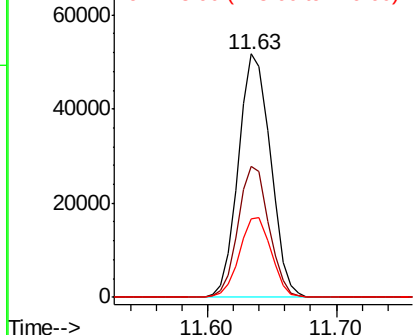
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004350.D
Acq: 30 Jul 2018 08:53

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 89291
Ion Ratio Lower Upper
117 100
82 53.5 47.9 71.9
119 32.3 27.1 40.7

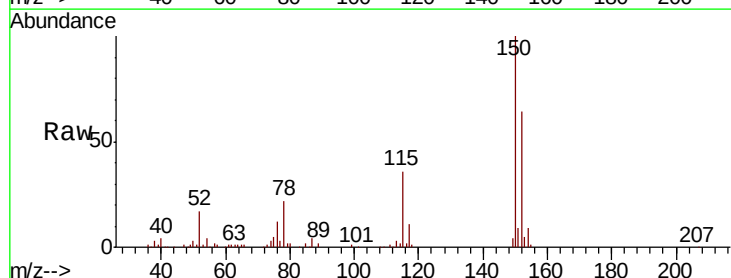


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

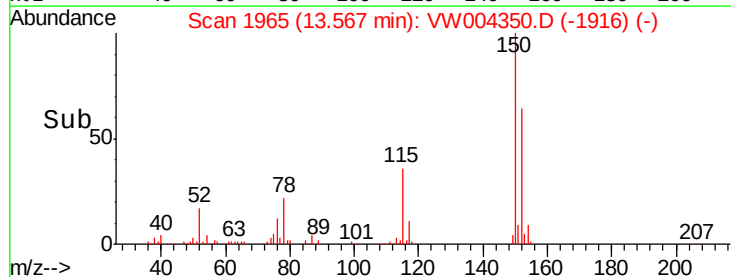
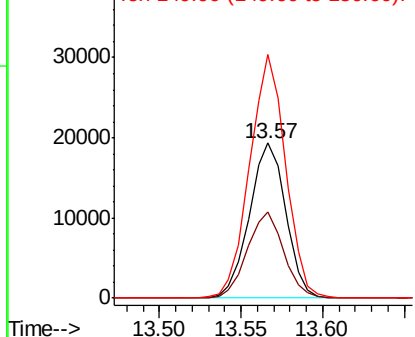


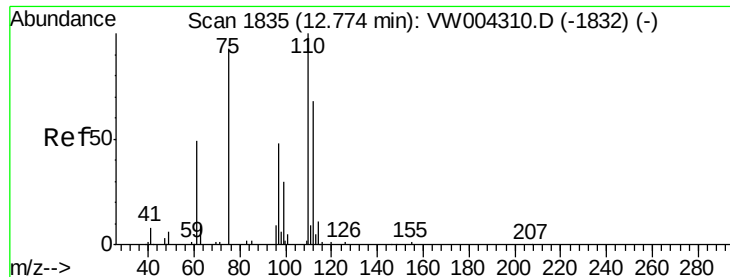
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004350.D
Acq: 30 Jul 2018 08:53

Tgt Ion:152 Resp: 30109
Ion Ratio Lower Upper
152 100
115 55.4 28.8 86.4
150 154.5 0.0 346.4



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





#76

1,2,3-Trichloropropane

Concen: 59.966 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004350.D

Acq: 30 Jul 2018 08:53

Instrument :

MSVOA_W

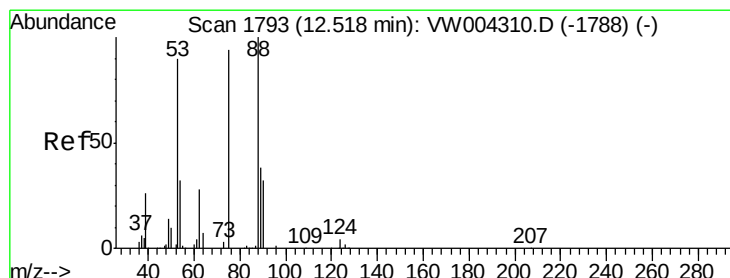
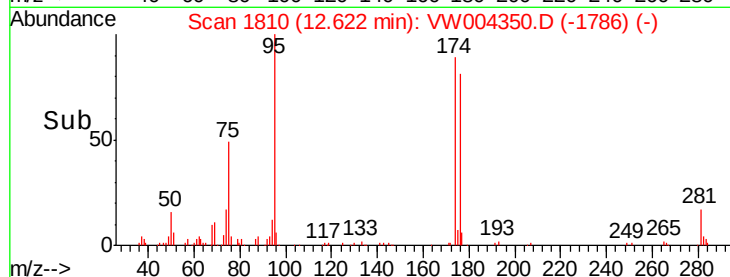
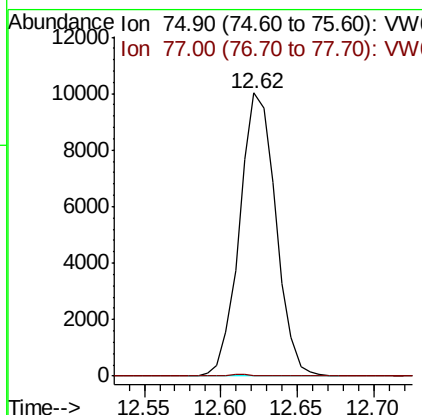
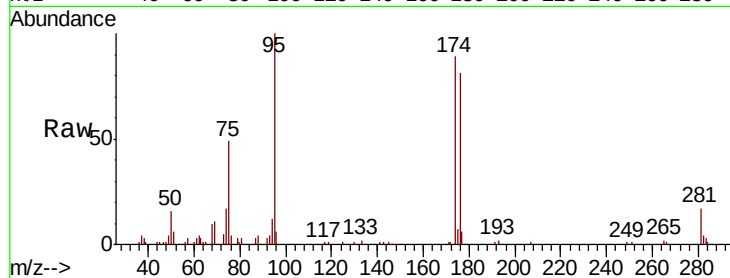
ClientSampleId :

Tot Ion: 75 Resp: 16478

Ion Ratio Lower Upper

75 100

77 0.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 139.533 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004350.D

Acq: 30 Jul 2018 08:53

Tgt Ion: 75 Resp: 16478

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 36.0 54.0#

