

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120418\
 Data File : VW007195.D
 Acq On : 04 Dec 2018 18:38
 Operator : SY/AP
 Sample : J6168-30
 Misc : 4.6G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S6

Quant Time: Dec 05 05:06:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	110710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	173442	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	152616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	70271	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	50499	48.99	ug/l	0.00
Spiked Amount			Recovery	=	97.98%	
35) Dibromofluoromethane	7.88	113	46878	47.20	ug/l	0.00
Spiked Amount			Recovery	=	94.40%	
50) Toluene-d8	10.33	98	194357	44.43	ug/l	0.00
Spiked Amount			Recovery	=	88.86%	
62) 4-Bromofluorobenzene	12.62	95	71366	43.22	ug/l	0.00
Spiked Amount			Recovery	=	86.44%	

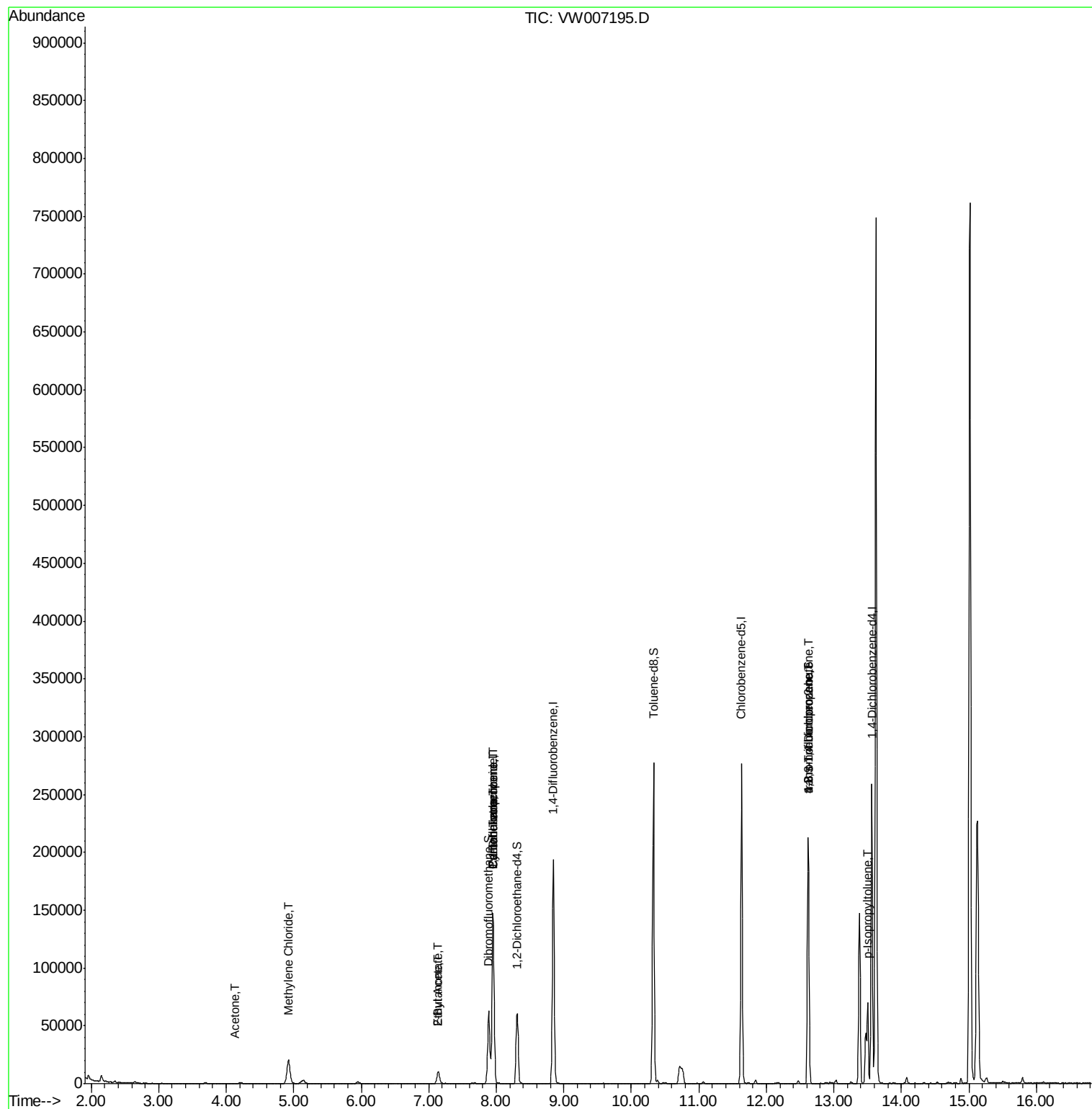
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.12	59	1302	Below Cal	#	75
16) Acetone	4.13	43	413	1.693	ug/l #	45
20) Methylene Chloride	4.92	84	16465	9.136	ug/l	97
25) 2-Butanone	7.14	43	637	2.252	ug/l #	46
31) Cyclohexane	7.95	56	2096	1.025	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	8169	4.841	ug/l #	50
37) Ethyl Acetate	7.14	43	637	1.043	ug/l #	18
38) Carbon Tetrachloride	7.95	117	11123	6.457	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	34807	32.961	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	34807	137.878	ug/l #	13
86) p-Isopropyltoluene	13.51	119	40995	7.550	ug/l	94

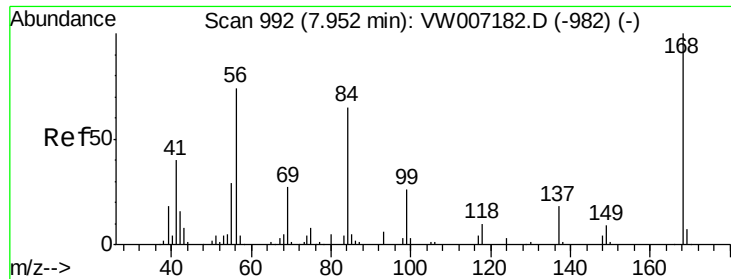
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120418\
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S6

Quant Time: Dec 05 05:06:40 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 04 14:18:19 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007195.D

Acq: 04 Dec 2018 18:38

Instrument :

MSVOA_W

ClientSampled :

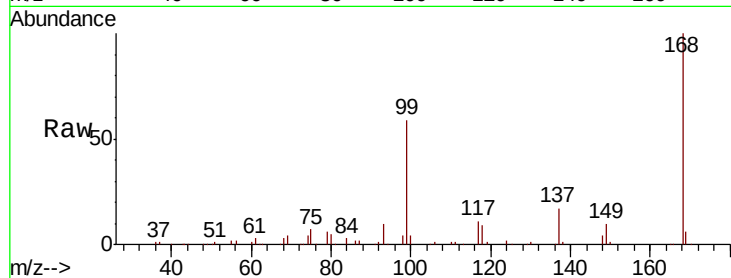
S6

Tot Ion:168 Resp: 110710

Ion Ratio Lower Upper

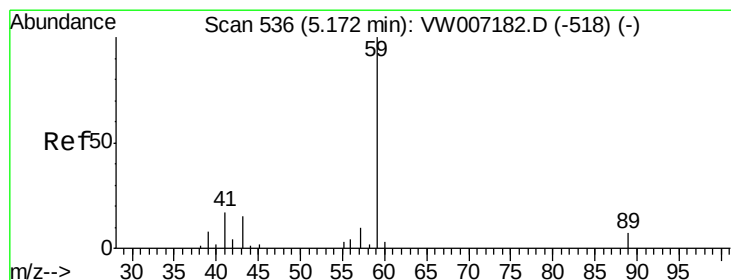
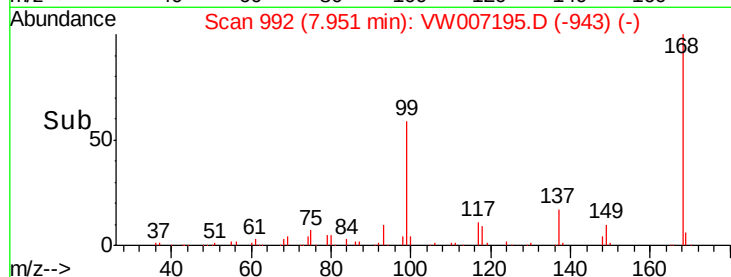
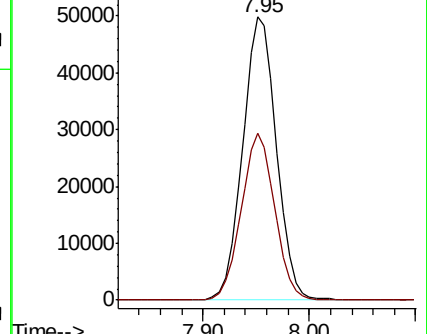
168 100

99 59.1 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.12 min Scan# 528

Delta R.T. -0.05 min

Lab File: VW007195.D

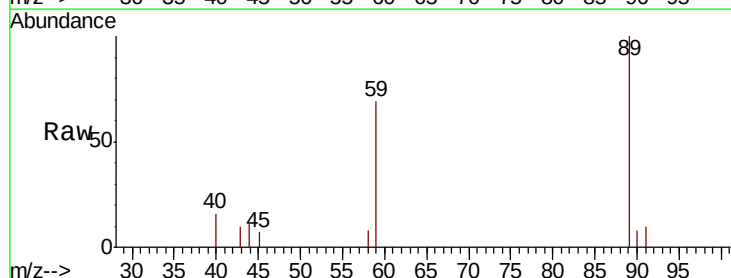
Acq: 04 Dec 2018 18:38

Tgt Ion: 59 Resp: 1302

Ion Ratio Lower Upper

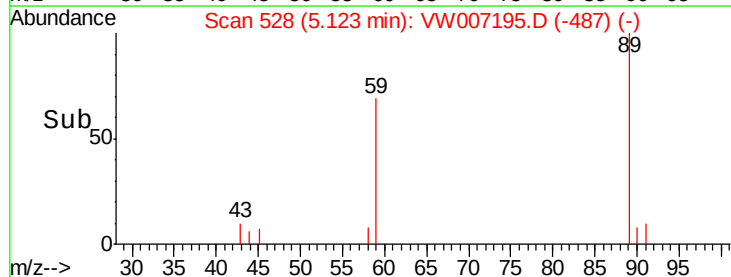
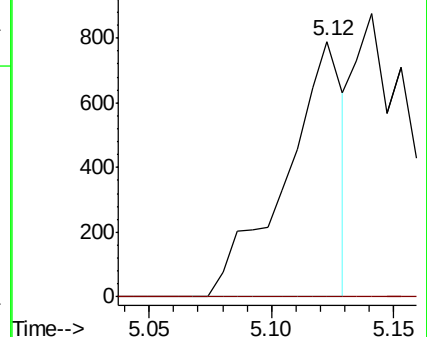
59 100

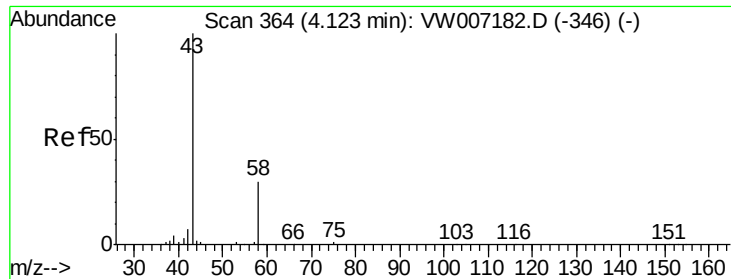
57 0.0 7.1 10.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 1.693 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007195.D

Acq: 04 Dec 2018 18:38

Instrument :

MSVOA_W

ClientSampled :

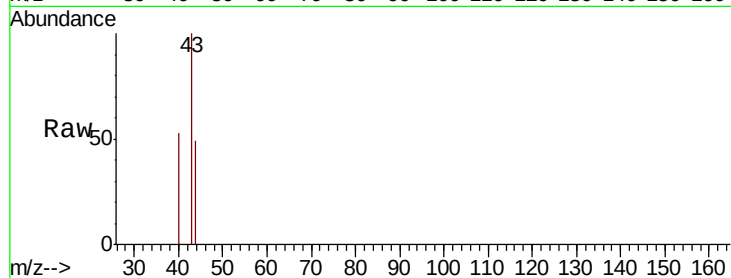
S6

Tot Ion: 43 Resp: 413

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

200

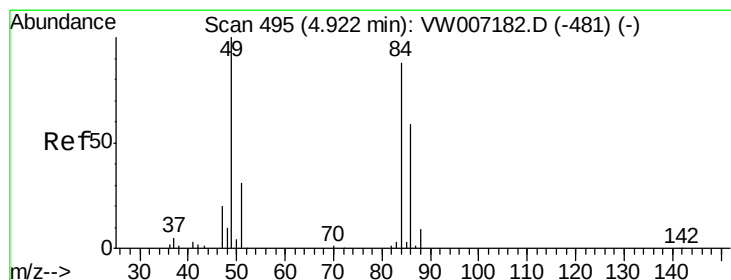
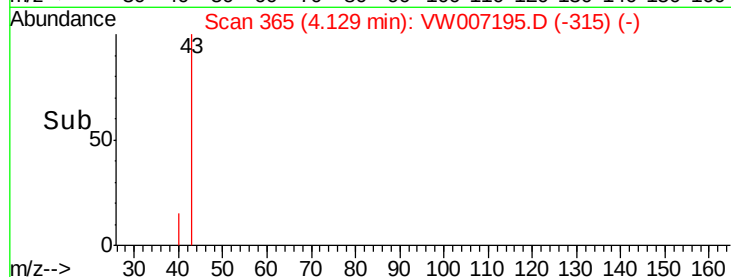
150

100

50

0

Time-->



#20

Methylene Chloride

Concen: 9.136 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW007195.D

Acq: 04 Dec 2018 18:38

Tgt Ion: 84 Resp: 16465

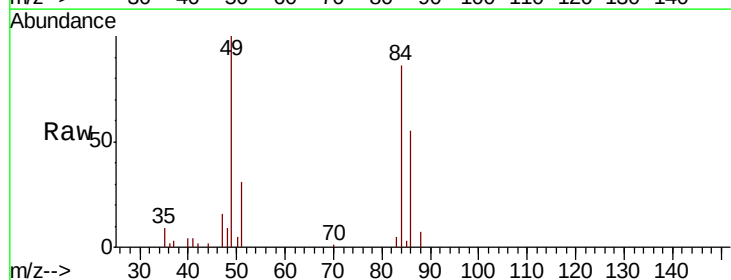
Ion Ratio Lower Upper

84 100

49 116.4 90.6 135.8

51 35.7 27.6 41.4

86 63.7 53.7 80.5



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

8000

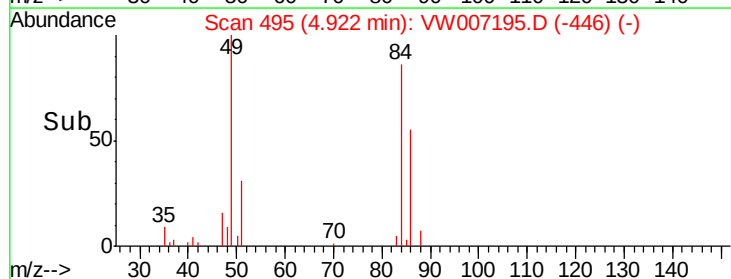
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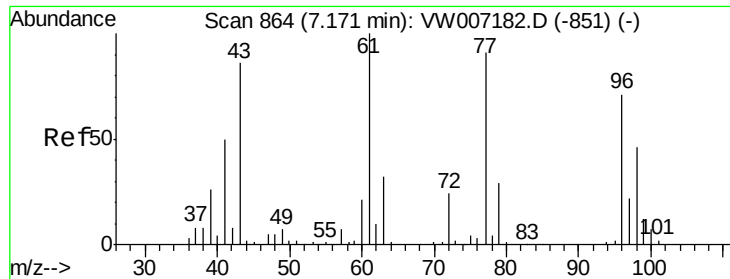
4000

2000

0

Time-->

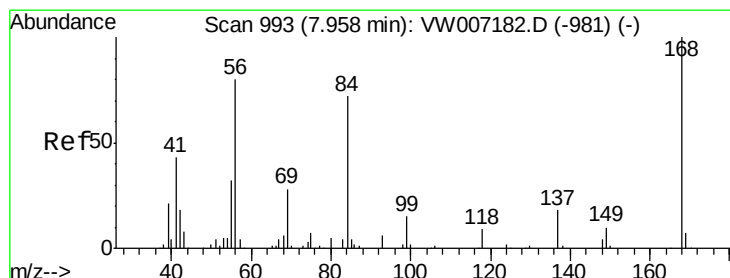
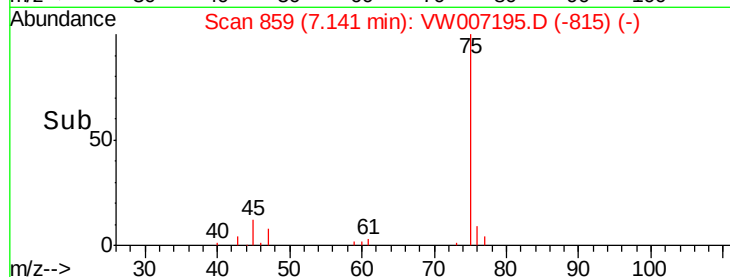
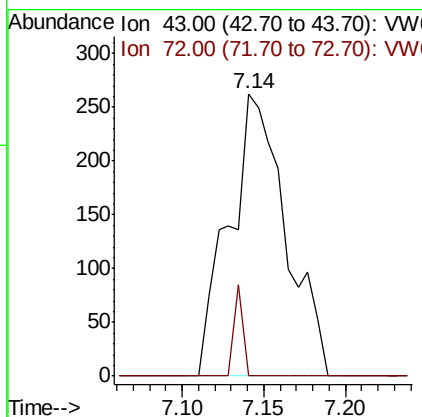
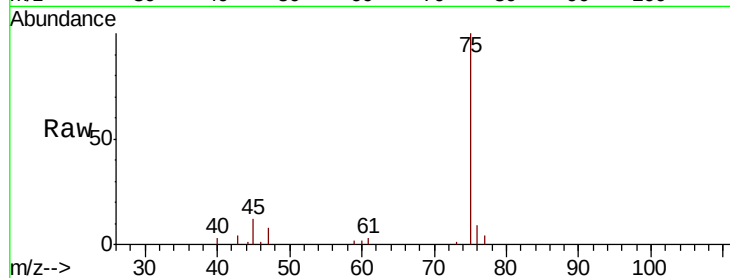




#25
2-Butanone
Concen: 2.252 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW007195.D
Acq: 04 Dec 2018 18:38

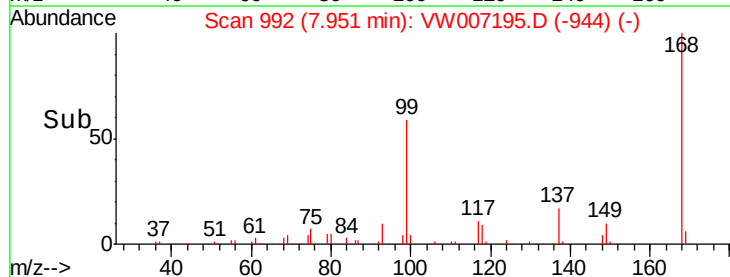
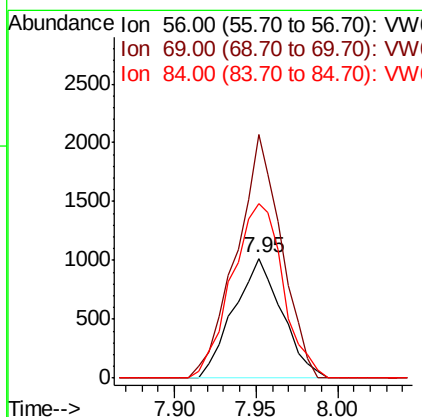
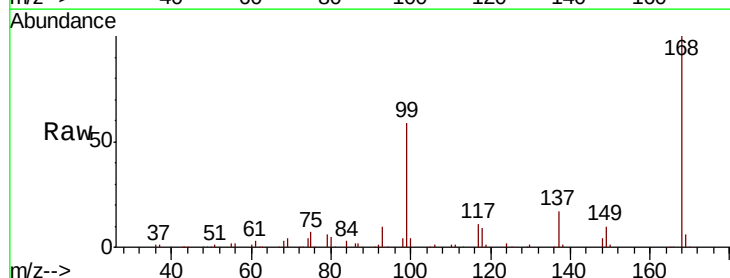
Instrument :
MSVOA_W
ClientSampled :
S6

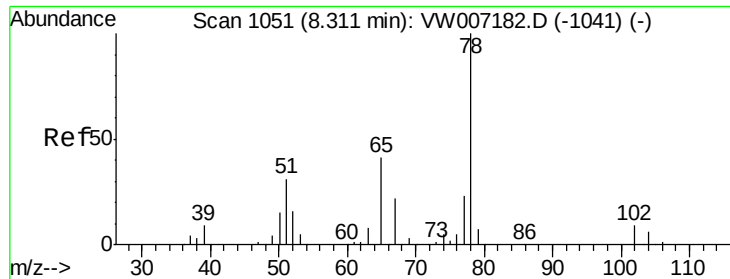
Tot Ion: 43 Resp: 637
Ion Ratio Lower Upper
43 100
72 0.0 22.8 34.2#



#31
Cyclohexane
Concen: 1.025 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007195.D
Acq: 04 Dec 2018 18:38

Tgt Ion: 56 Resp: 2096
Ion Ratio Lower Upper
56 100
69 203.6 28.2 42.2#
84 145.9 72.1 108.1#

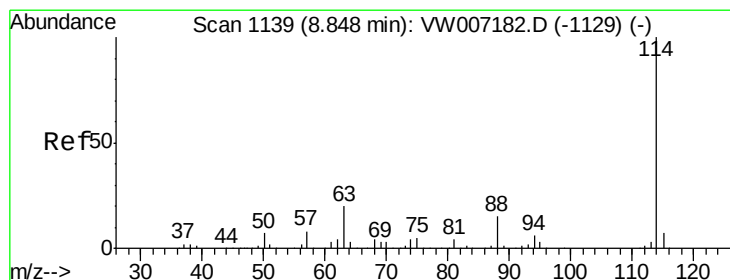
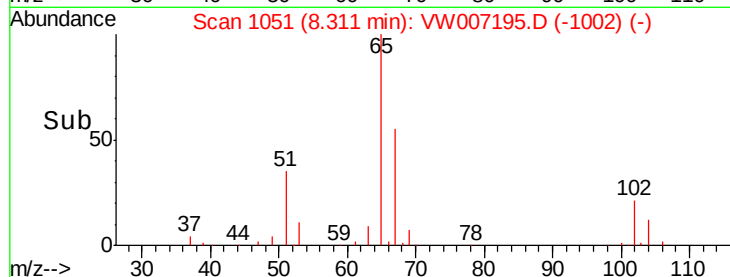
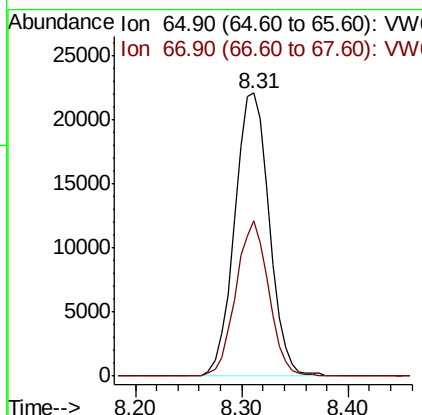
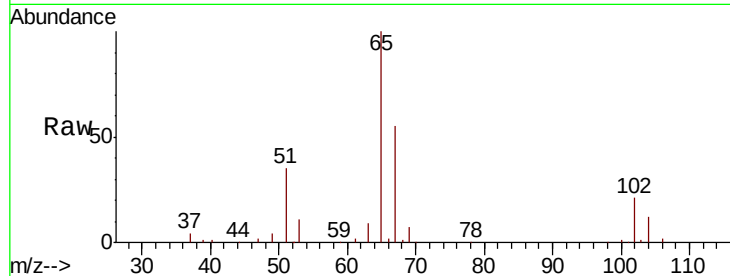




#33
 1,2-Dichloroethane-d4
 Concen: 48.992 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007195.D
 Acq: 04 Dec 2018 18:38

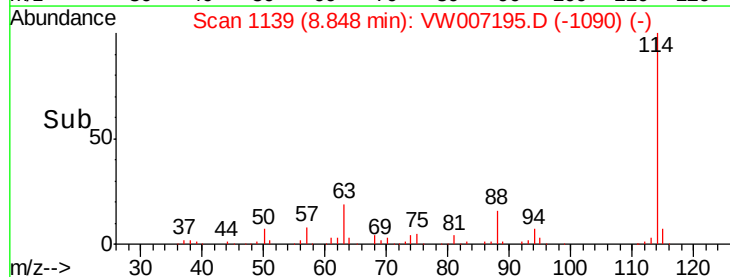
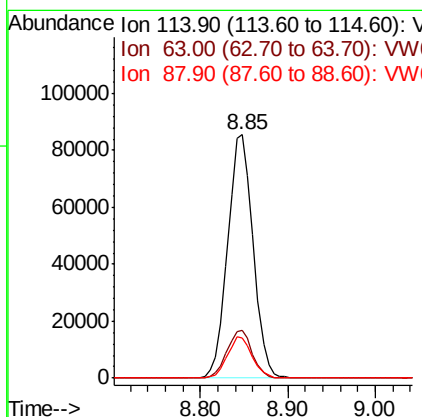
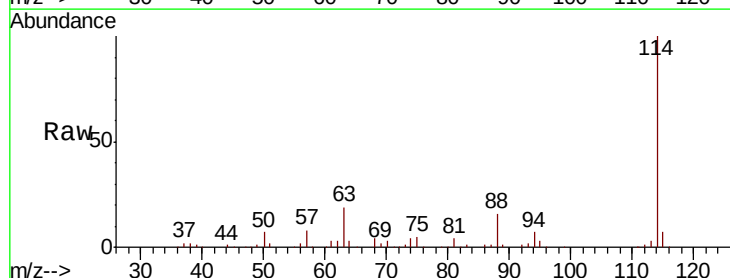
Instrument :
 MSVOA_W
 ClientSampled :
 S6

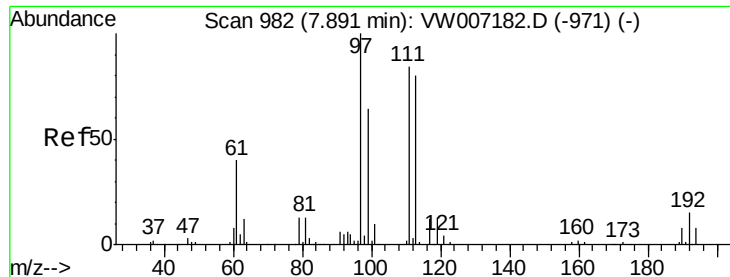
Tot Ion: 65 Resp: 50499
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007195.D
 Acq: 04 Dec 2018 18:38

Tgt Ion: 114 Resp: 173442
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.2
 88 16.5 0.0 30.0

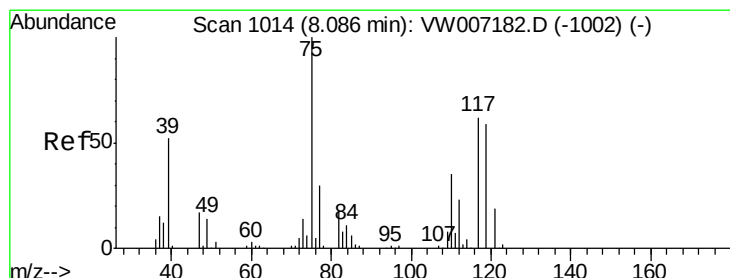
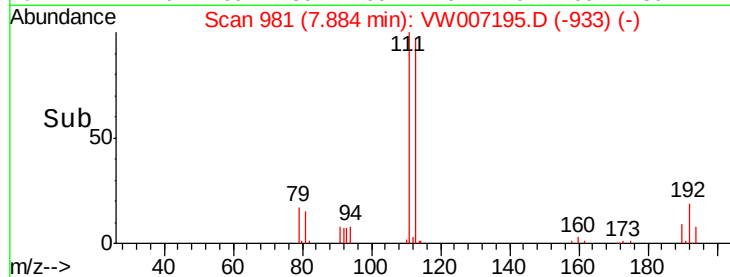
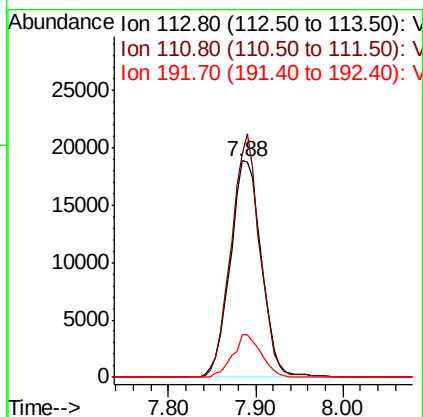
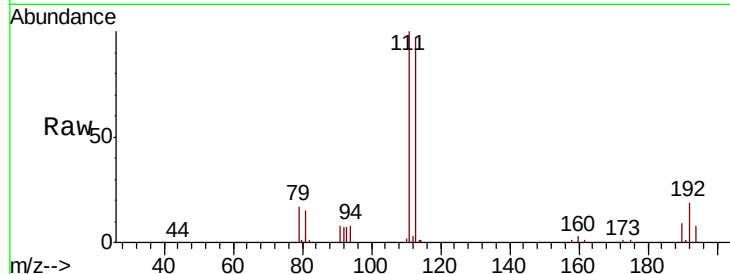




#35
 Dibromofluoromethane
 Concen: 47.203 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007195.D
 Acq: 04 Dec 2018 18:38

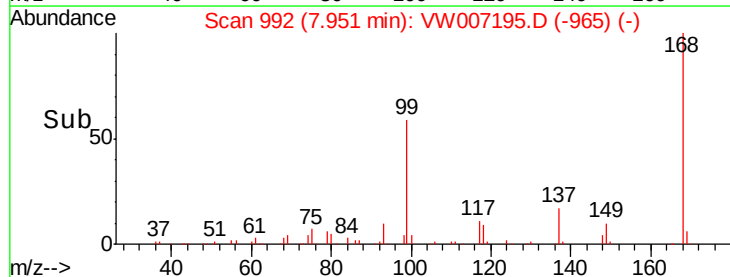
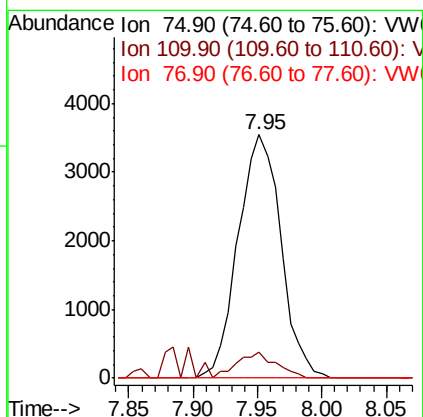
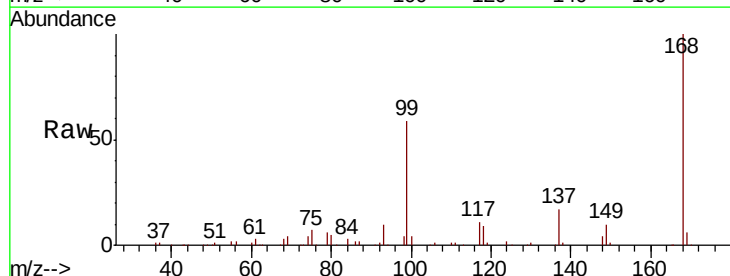
Instrument :
 MSVOA_W
 ClientSampled :
 S6

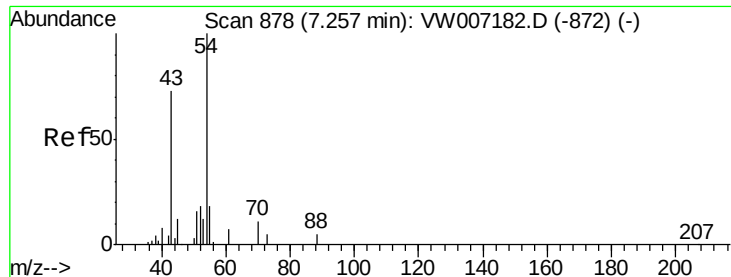
Tot Ion:113 Resp: 46878
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.2 123.4
 192 18.0 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 4.841 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007195.D
 Acq: 04 Dec 2018 18:38

Tgt Ion: 75 Resp: 8169
 Ion Ratio Lower Upper
 75 100
 110 9.8 18.3 54.9#
 77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 1.043 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.12 min

Lab File: VW007195.D

Acq: 04 Dec 2018 18:38

Instrument :

MSVOA_W

ClientSampleId :

S6

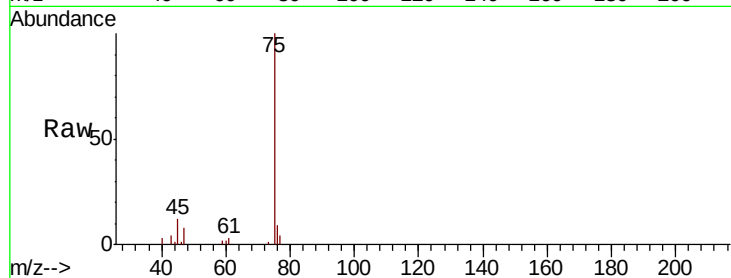
Tot Ion: 43 Resp: 637

Ion Ratio Lower Upper

43 100

61 65.9 12.1 18.1#

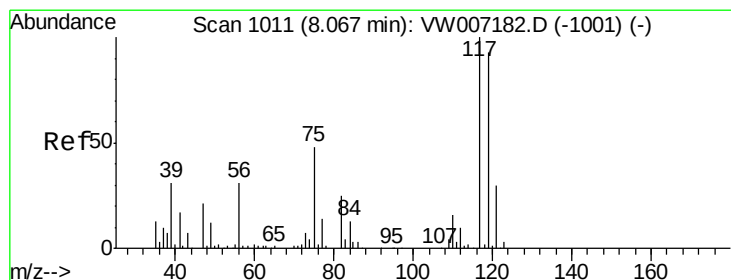
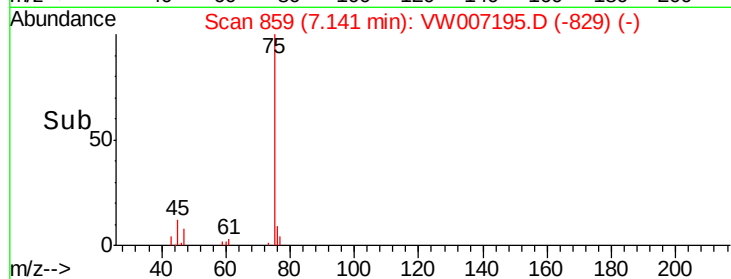
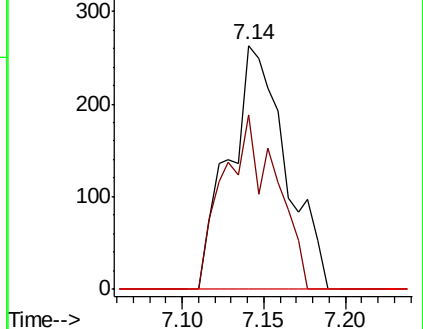
70 0.0 9.1 13.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 6.457 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW007195.D

Acq: 04 Dec 2018 18:38

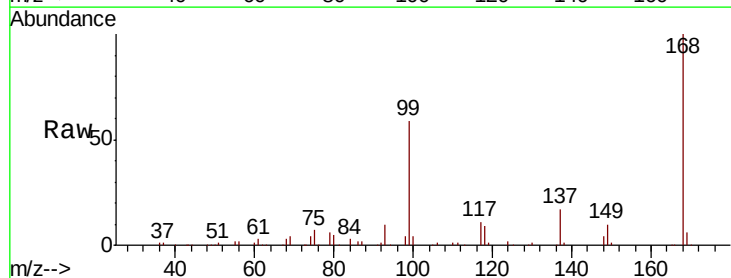
Tgt Ion: 117 Resp: 11123

Ion Ratio Lower Upper

117 100

119 5.4 74.1 111.1#

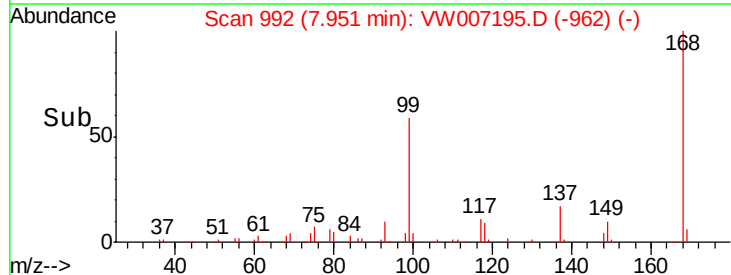
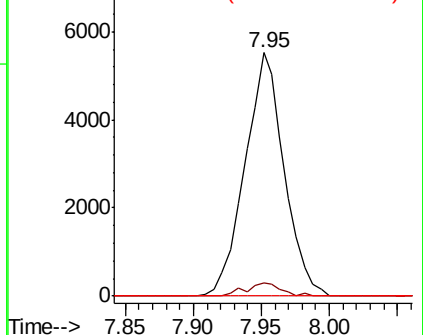
121 0.0 23.9 35.9#

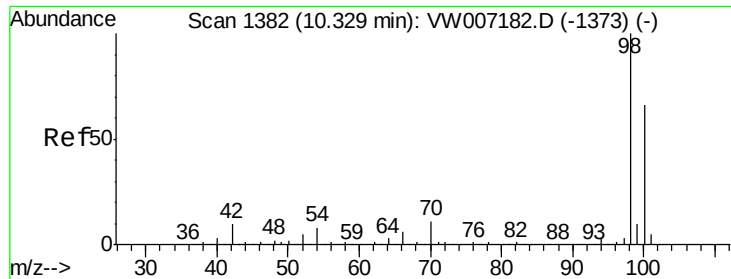


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 44.428 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007195.D

Acq: 04 Dec 2018 18:38

Instrument :

MSVOA_W

ClientSampleId :

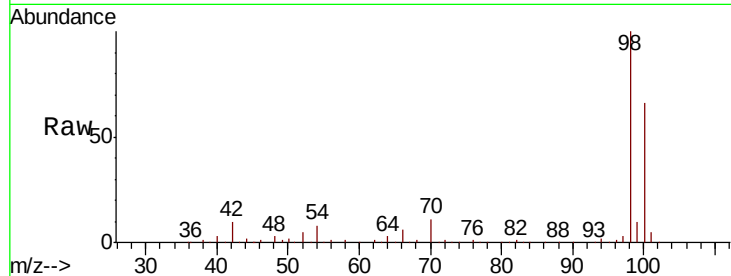
S6

Tot Ion: 98 Resp: 194357

Ion Ratio Lower Upper

98 100

100 65.7 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

120000

100000

80000

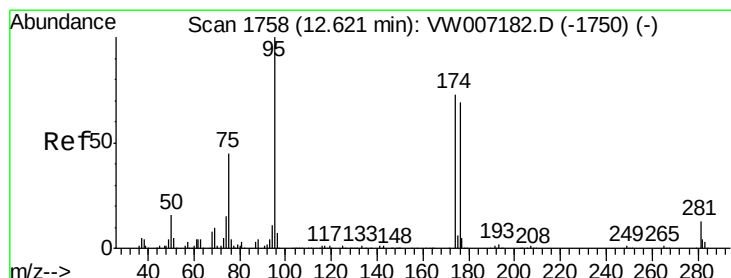
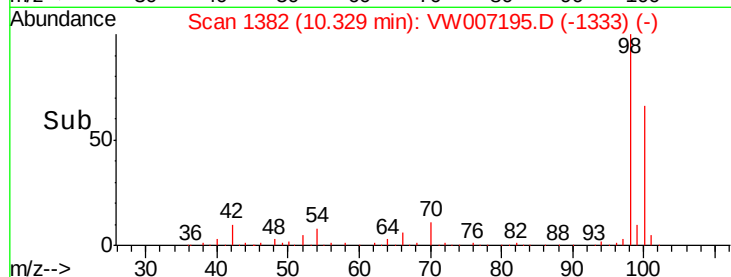
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.221 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007195.D

Acq: 04 Dec 2018 18:38

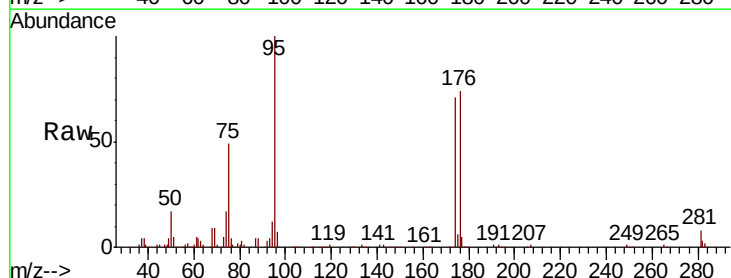
Tgt Ion: 95 Resp: 71366

Ion Ratio Lower Upper

95 100

174 73.5 0.0 148.0

176 73.4 0.0 139.4



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

60000

50000

40000

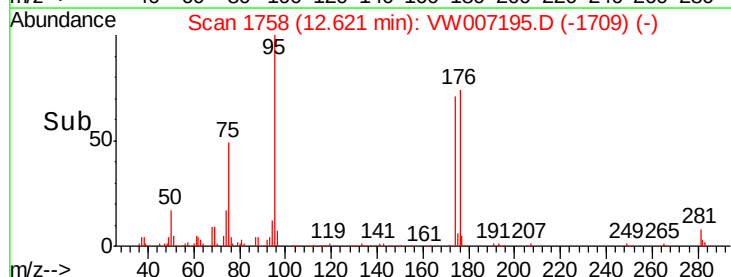
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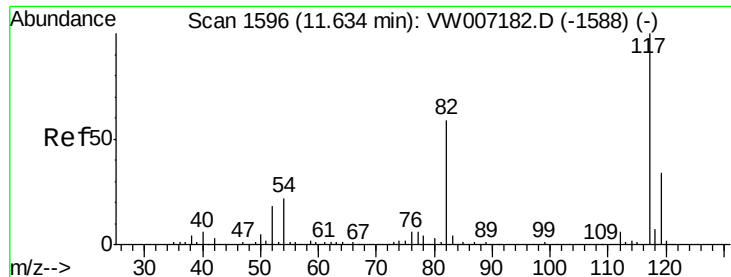
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10000

0

Time-->

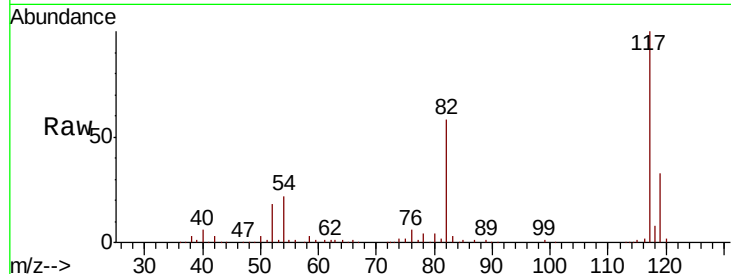




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007195.D
Acq: 04 Dec 2018 18:38

Instrument :
MSVOA_W
ClientSampled :
S6

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.9	47.4	71.2
119	33.2	26.8	40.2

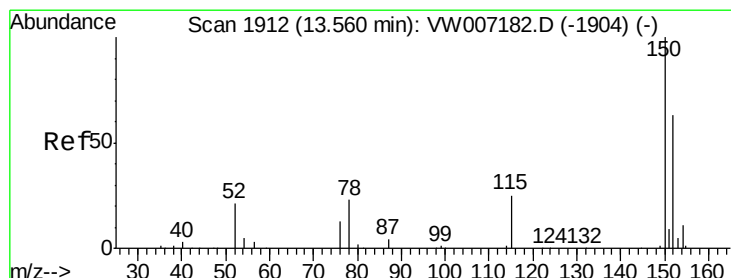
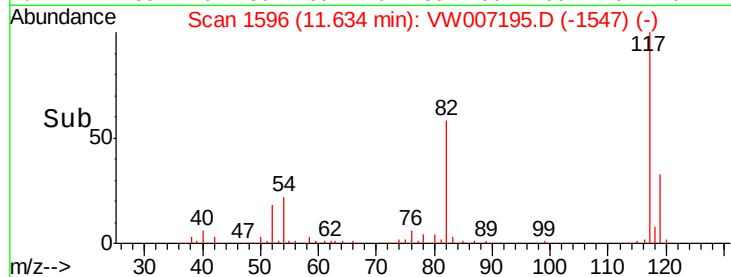
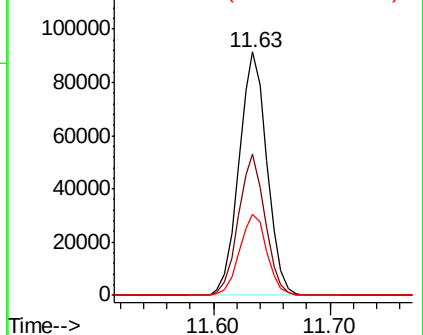


Abundance

Ion 116.90 (116.60 to 117.60): V

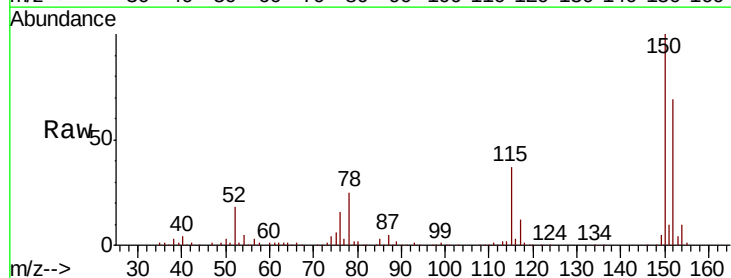
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007195.D
Acq: 04 Dec 2018 18:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	31.3	93.8
150	154.1	0.0	358.0

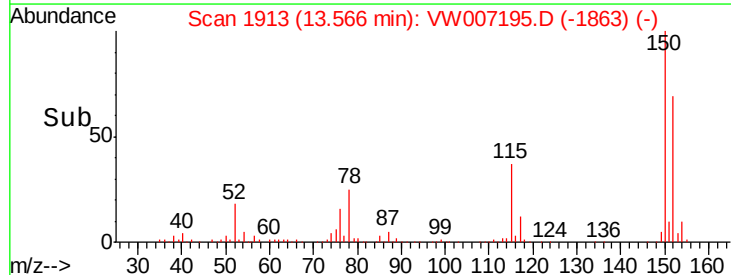
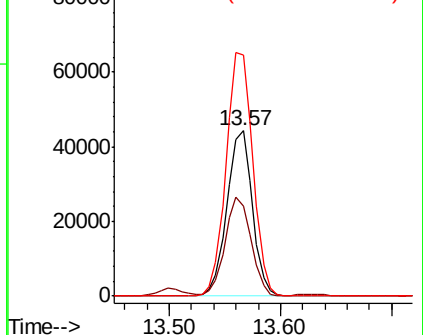


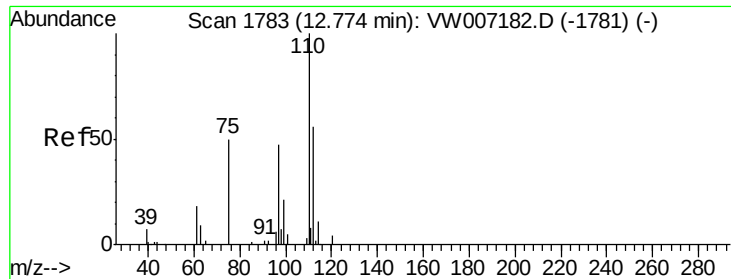
Abundance

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

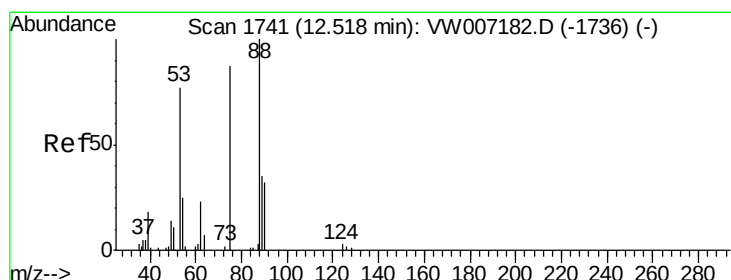
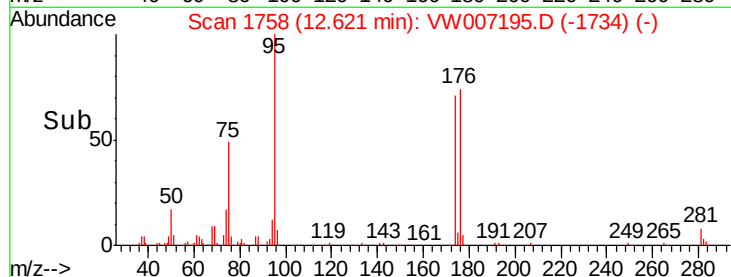
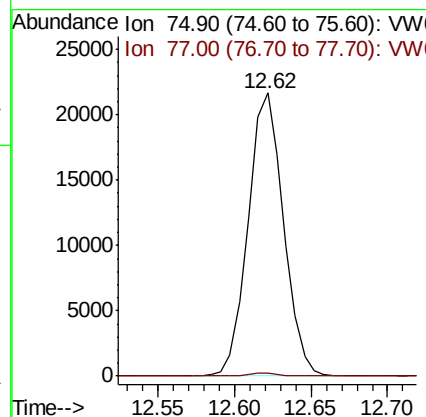
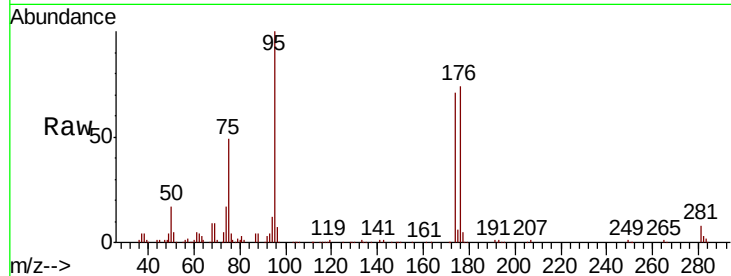




#76
 1,2,3-Trichloropropane
 Concen: 32.961 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007195.D
 Acq: 04 Dec 2018 18:38

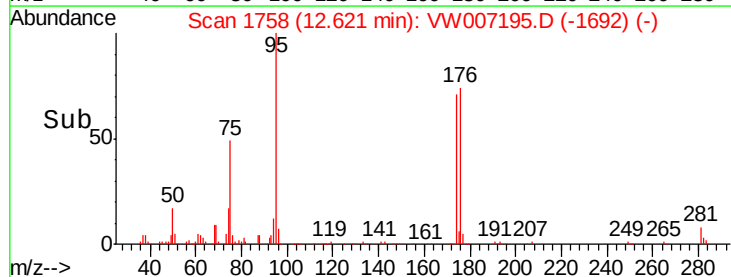
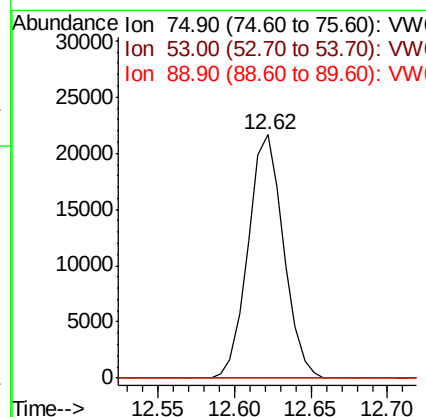
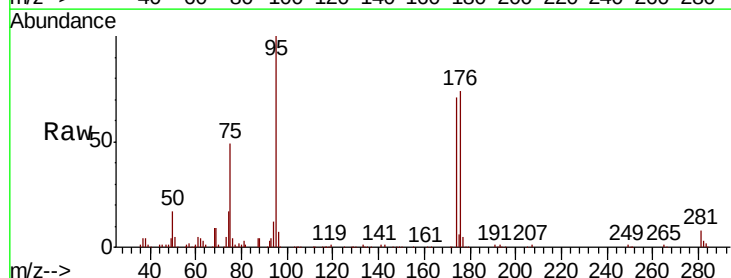
Instrument :
 MSVOA_W
 ClientSampleId :
 S6

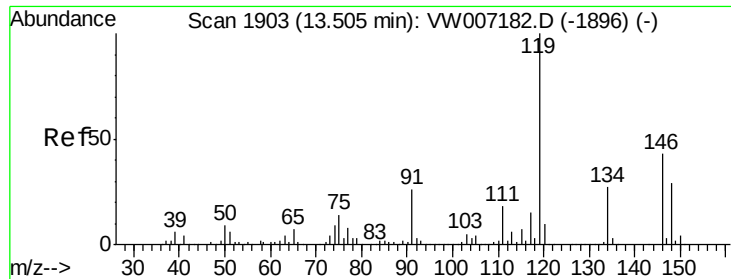
Tot Ion: 75 Resp: 34807
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.878 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007195.D
 Acq: 04 Dec 2018 18:38

Tgt Ion: 75 Resp: 34807
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.8 109.2#
 89 0.1 36.4 54.6#





#86
 p-Isopropyltoluene
 Concen: 7.550 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007195.D
 Acq: 04 Dec 2018 18:38

Instrument :
 MSVOA_W
 ClientSampleId :
 S6

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.6	13.2	39.6
91	30.2	12.4	37.2

