

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007233.D
 Acq On : 05 Dec 2018 16:12
 Operator : SY/AP
 Sample : J6168-10RE
 Misc : 0.77G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S2RE

Quant Time: Dec 06 06:21:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	15631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	27192	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	23543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	8310	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	9360	64.32	ug/l	0.00
Spiked Amount			Recovery	=	128.64%	
35) Dibromofluoromethane	7.89	113	8093	51.98	ug/l	0.00
Spiked Amount			Recovery	=	103.96%	
50) Toluene-d8	10.33	98	26630	38.83	ug/l	0.00
Spiked Amount			Recovery	=	77.66%	
62) 4-Bromofluorobenzene	12.62	95	9291	35.89	ug/l	0.00
Spiked Amount			Recovery	=	71.78%	

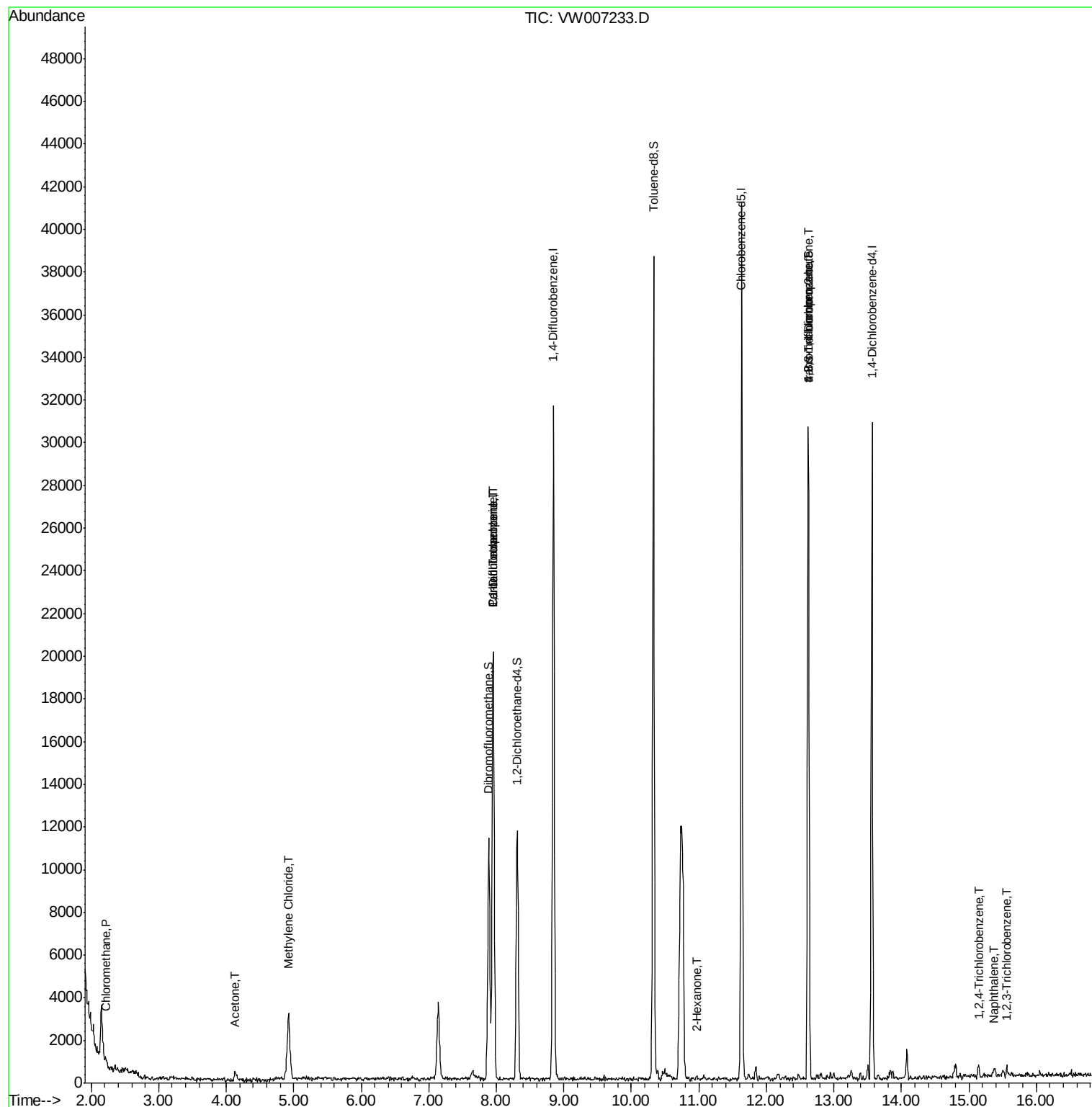
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.21	50	292	1.348	ug/l #	42
11) Tert butyl alcohol	5.16	59	44	Below Cal	#	75
16) Acetone	4.13	43	738	21.421	ug/l	90
20) Methylene Chloride	4.92	84	2324	9.132	ug/l	96
36) 1,1-Dichloropropene	7.96	75	1134	4.286	ug/l #	42
38) Carbon Tetrachloride	7.95	117	1651	6.114	ug/l #	13
59) 2-Hexanone	10.97	43	99	1.491	ug/l #	23
76) 1,2,3-Trichloropropane	12.62	75	4733	73.557	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	4733	158.540	ug/l #	13
93) 1,2,4-Trichlorobenzene	15.14	180	310	1.725	ug/l #	84
95) Naphthalene	15.37	128	577	1.792	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.57	180	195	1.287	ug/l #	73

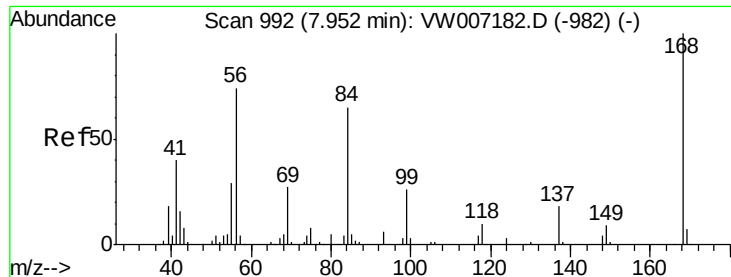
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120518\
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Quant Time: Dec 06 06:21:14 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 05 01:35:23 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: VW007233.D

Acq: 05 Dec 2018 16:12

Instrument :

MSVOA_W

ClientSampled :

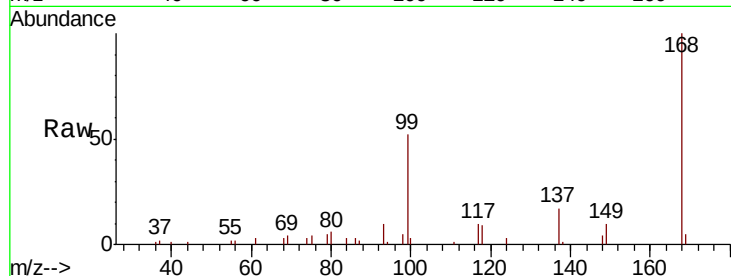
S2RE

Tot Ion:168 Resp: 15631

Ion Ratio Lower Upper

168 100

99 51.8 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

8000

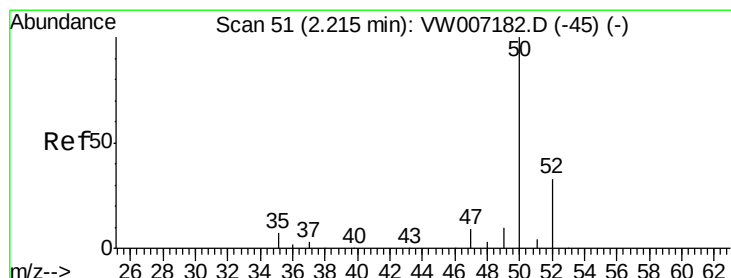
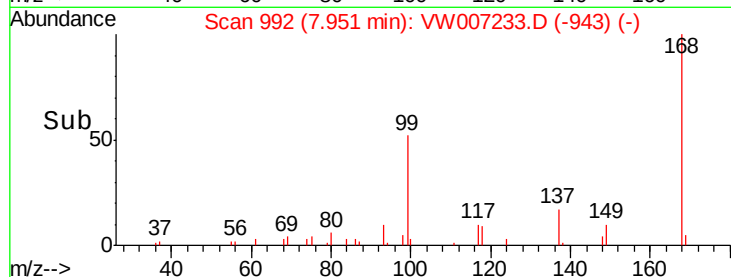
6000

4000

2000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#3

Chloromethane

Concen: 1.348 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW007233.D

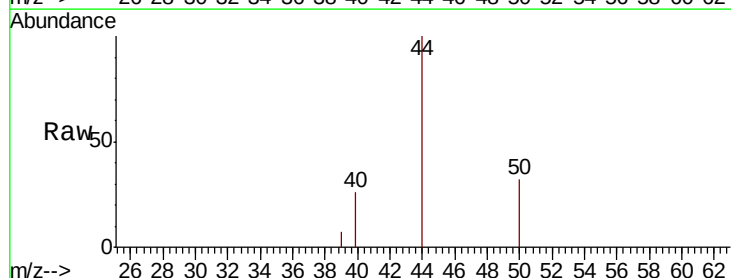
Acq: 05 Dec 2018 16:12

Tgt Ion: 50 Resp: 292

Ion Ratio Lower Upper

50 100

52 0.0 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

250

200

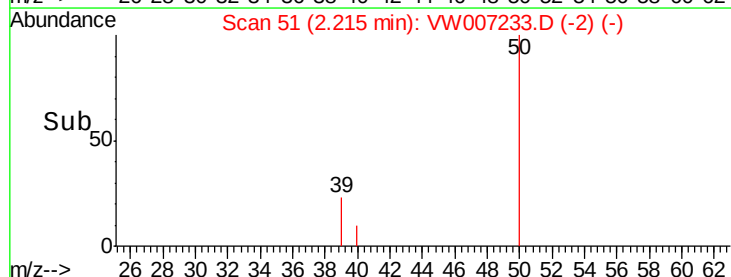
150

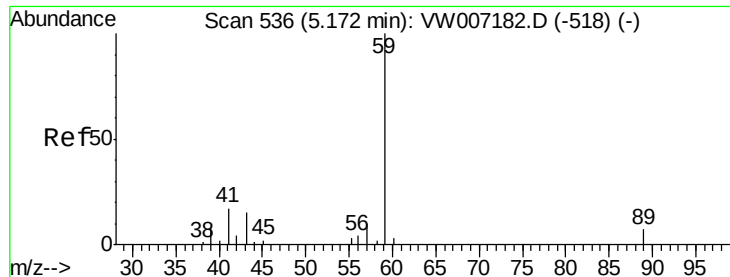
100

50

0

Time--> 2.18 2.20 2.22 2.24 2.26



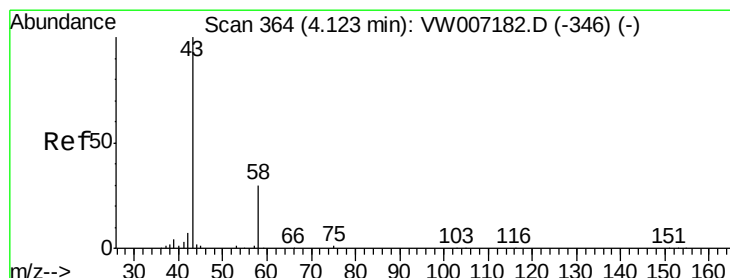
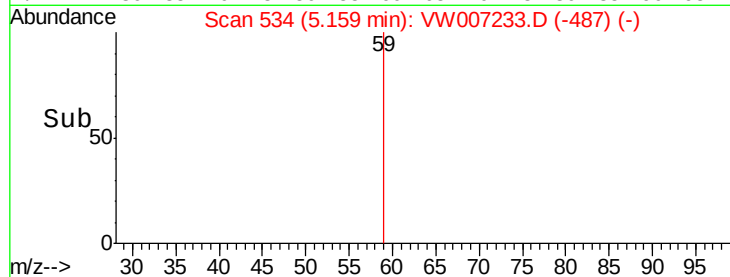
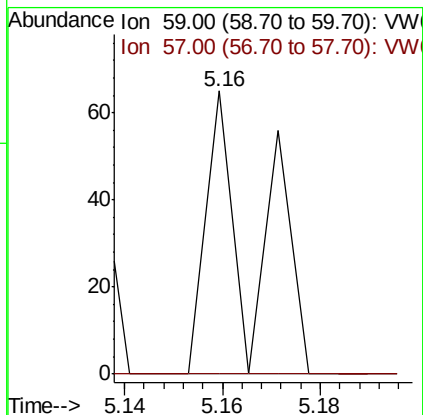
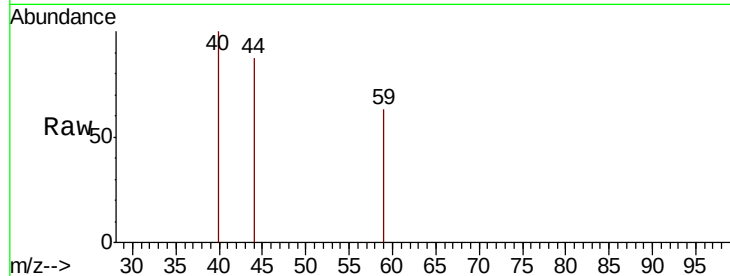


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.16 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VW007233.D
 Acq: 05 Dec 2018 16:12

Instrument :
 MSVOA_W
 ClientSampled :
 S2RE

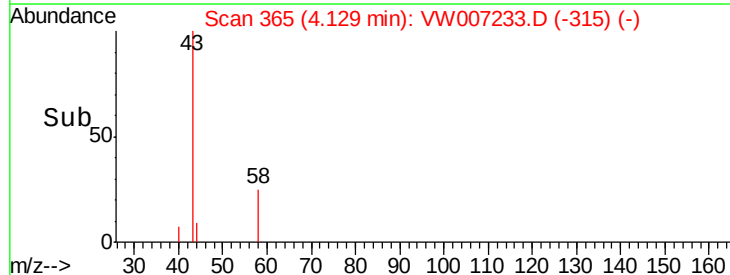
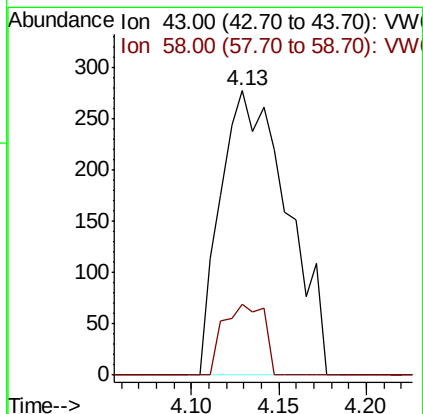
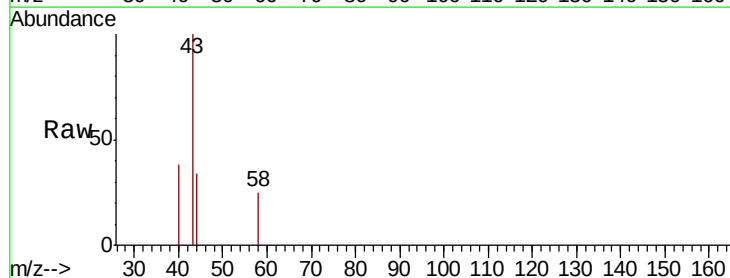
Tot Ion: 59 Resp: 44
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.1 10.7#

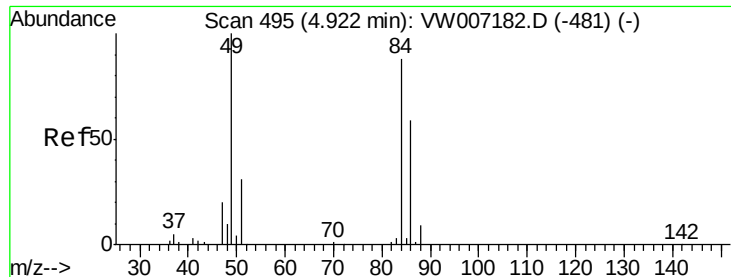


#16

Acetone
 Concen: 21.421 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VW007233.D
 Acq: 05 Dec 2018 16:12

Tgt Ion: 43 Resp: 738
 Ion Ratio Lower Upper
 43 100
 58 24.5 23.8 35.8

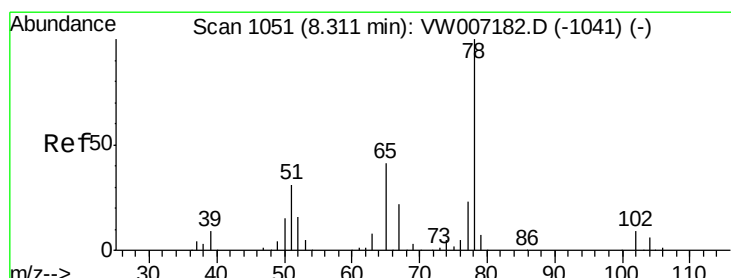
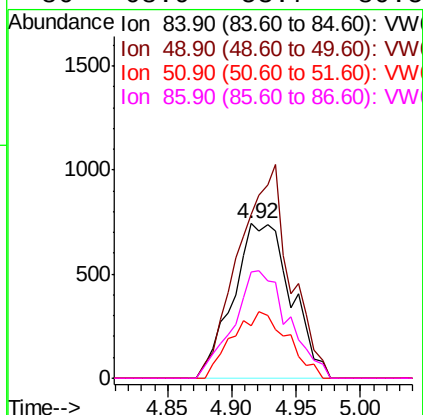
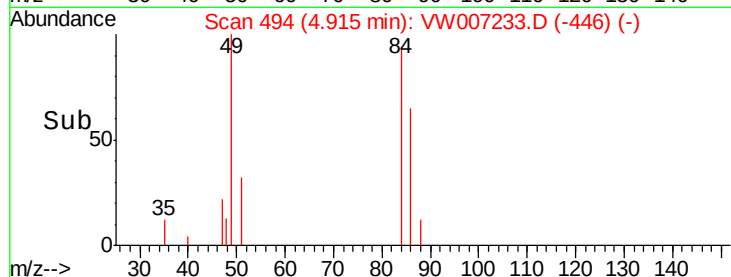
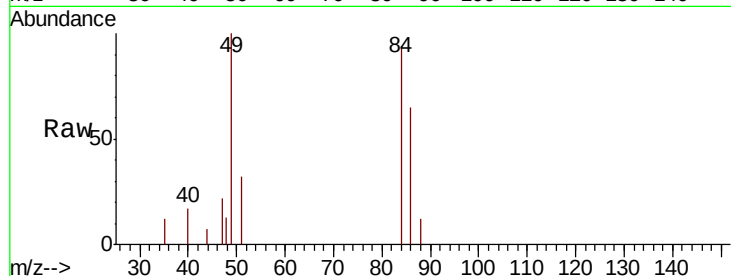




#20
Methylene Chloride
Concen: 9.132 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW007233.D
Acq: 05 Dec 2018 16:12

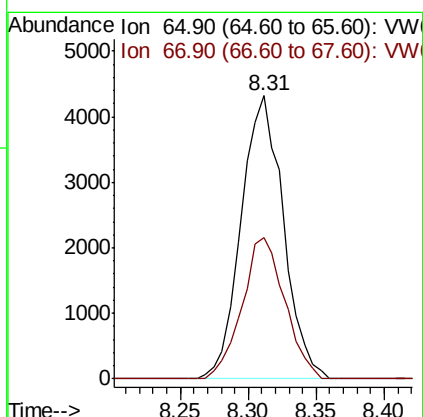
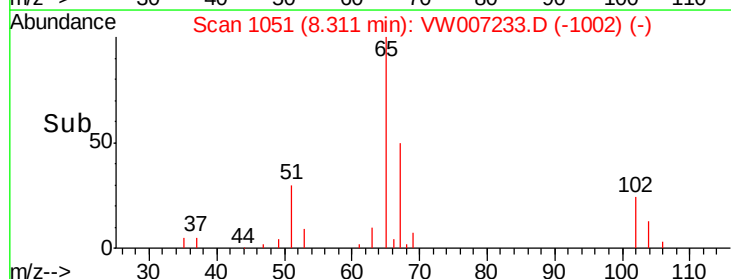
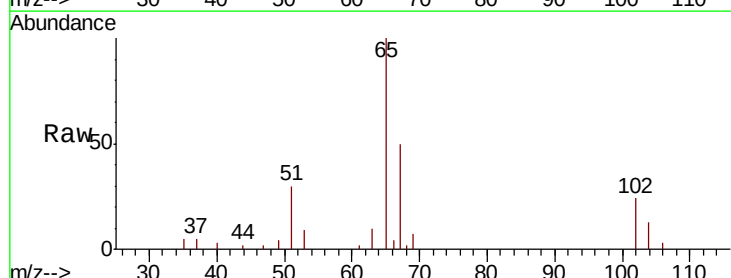
Instrument :
MSVOA_W
ClientSampled :
S2RE

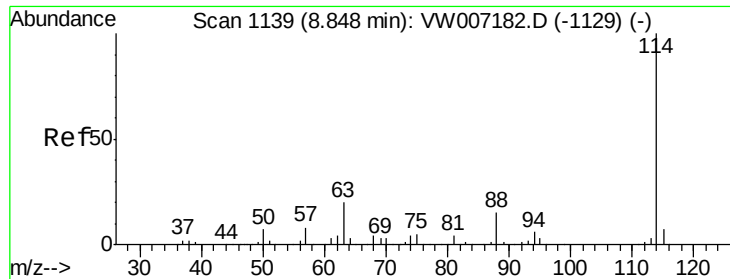
Tot Ion: 84 Resp: 2324
Ion Ratio Lower Upper
84 100
49 105.9 90.6 135.8
51 34.4 27.6 41.4
86 68.9 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 64.316 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW007233.D
Acq: 05 Dec 2018 16:12

Tgt Ion: 65 Resp: 9360
Ion Ratio Lower Upper
65 100
67 50.7 0.0 106.4

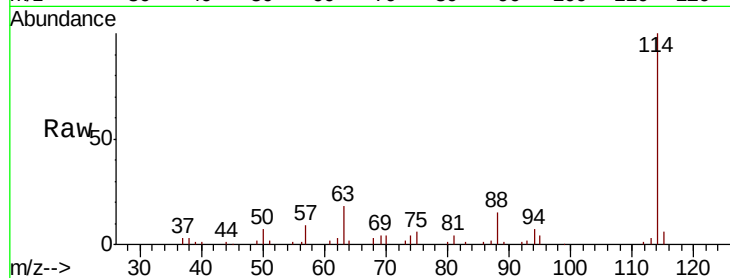




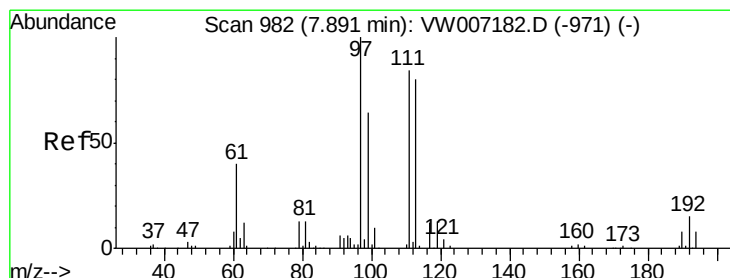
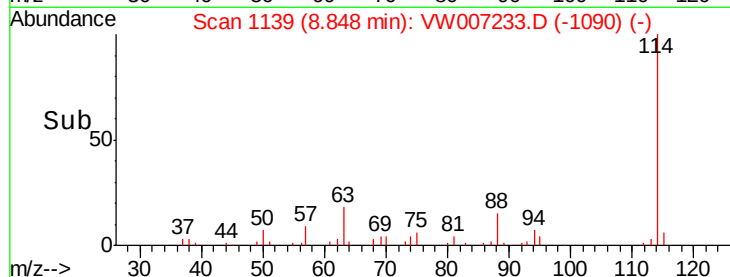
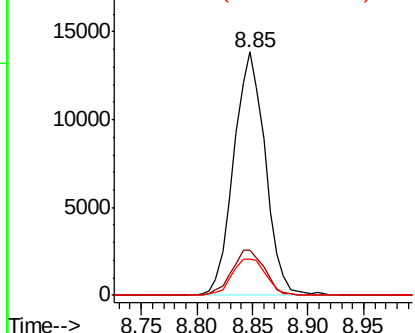
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VW007233.D
Acq: 05 Dec 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
S2RE

Tot Ion:114 Resp: 27192
Ion Ratio Lower Upper
114 100
63 18.4 0.0 40.2
88 14.9 0.0 30.0

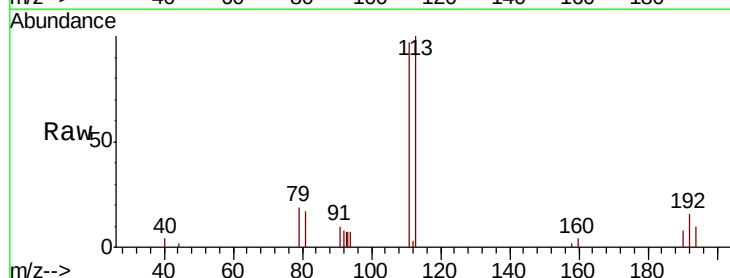


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

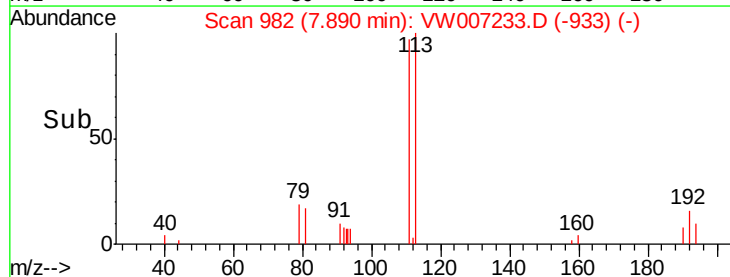
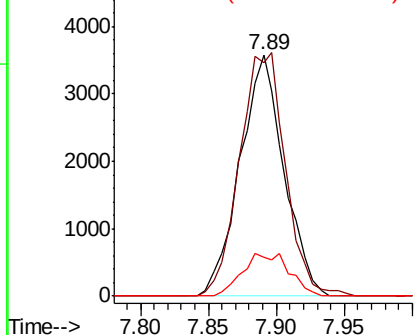


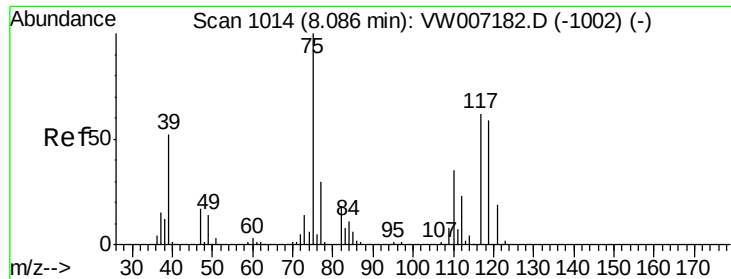
#35
Dibromofluoromethane
Concen: 51.978 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW007233.D
Acq: 05 Dec 2018 16:12

Tgt Ion:113 Resp: 8093
Ion Ratio Lower Upper
113 100
111 105.3 82.2 123.4
192 18.7 14.4 21.6



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

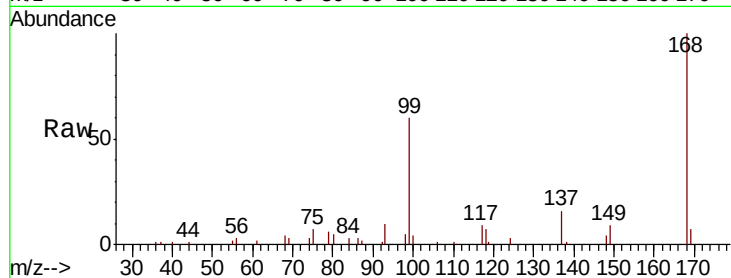




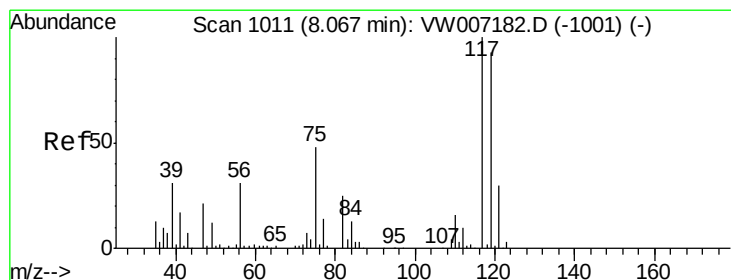
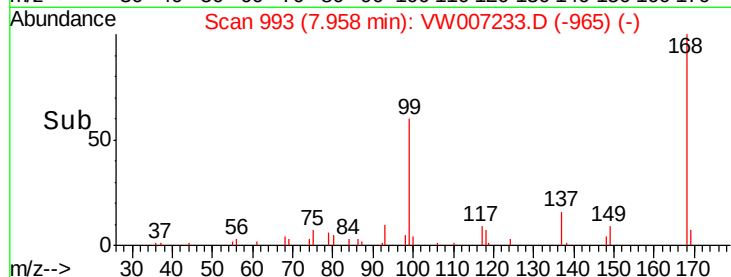
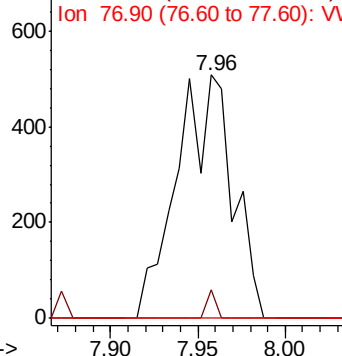
#36
 1,1-Dichloropropene
 Concen: 4.286 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW007233.D
 Acq: 05 Dec 2018 16:12

Instrument :
 MSVOA_W
 ClientSampled :
 S2RE

Tot Ion	Ratio	Lower	Upper
75	100		
110	1.9	18.3	54.9#
77	0.0	24.9	37.3#

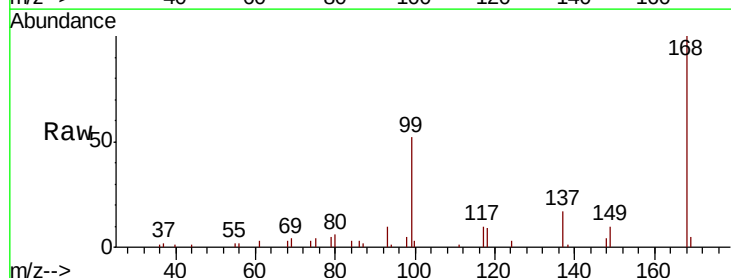


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

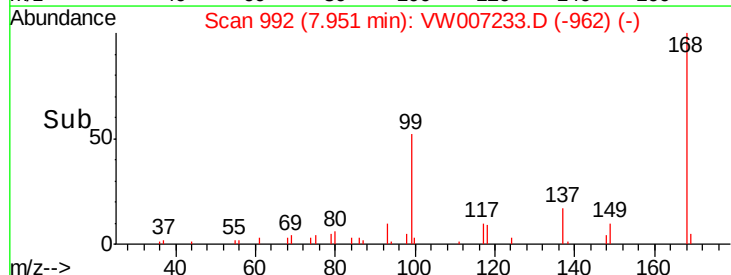
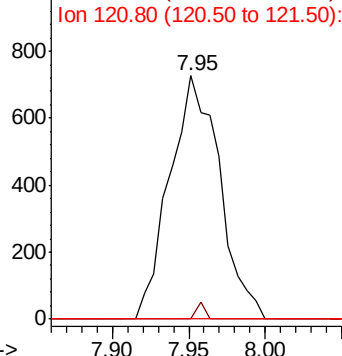


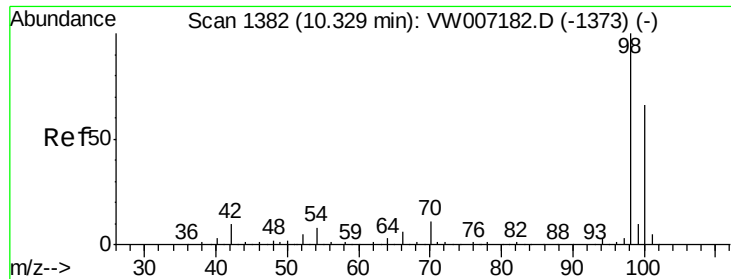
#38
 Carbon Tetrachloride
 Concen: 6.114 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007233.D
 Acq: 05 Dec 2018 16:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	0.0	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

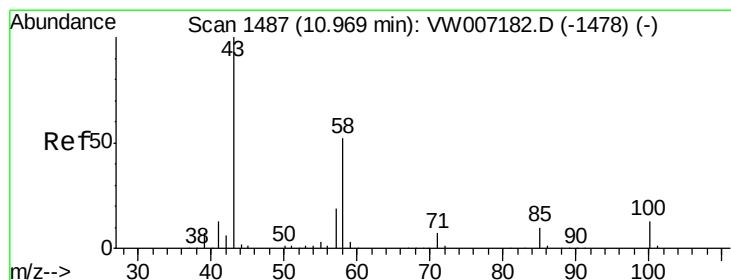
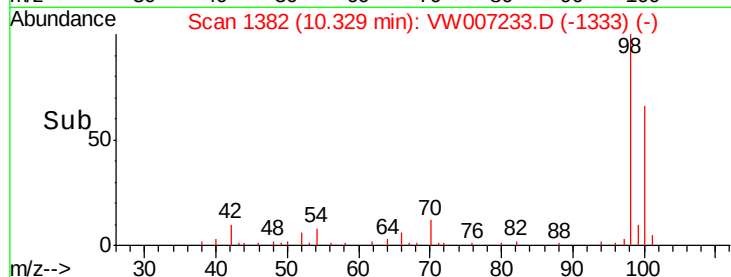
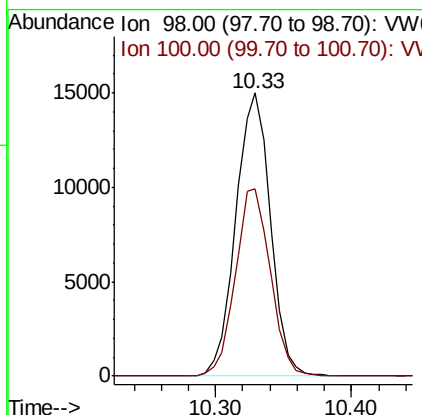
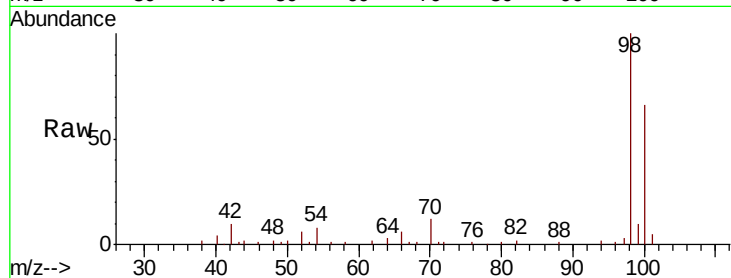




#50
Toluene-d8
Concen: 38.827 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007233.D
Acq: 05 Dec 2018 16:12

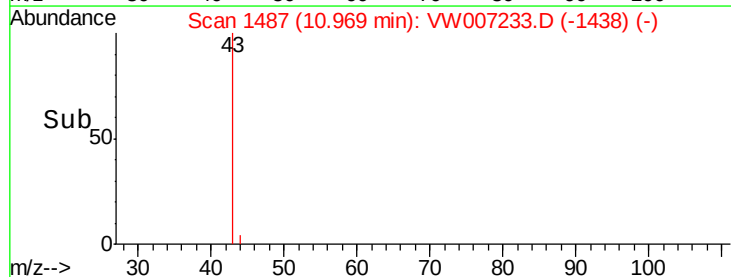
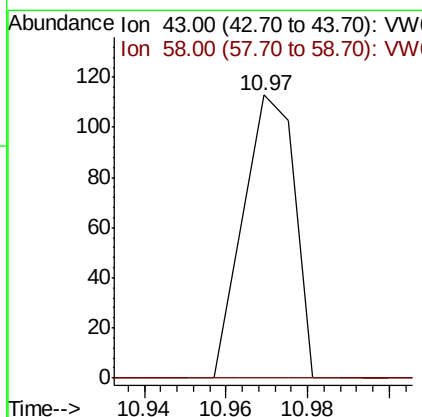
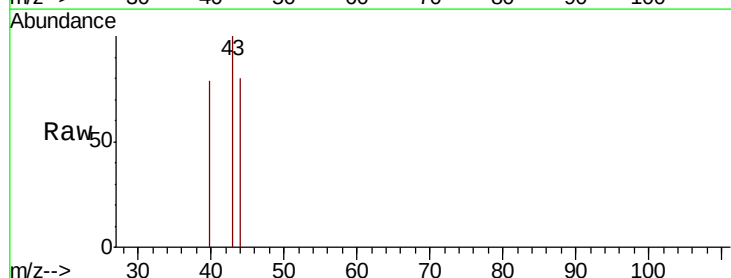
Instrument :
MSVOA_W
ClientSampled :
S2RE

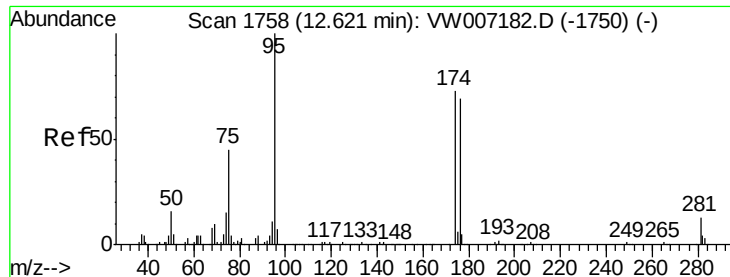
Tot Ion: 98 Resp: 26630
Ion Ratio Lower Upper
98 100
100 66.8 52.7 79.1



#59
2-Hexanone
Concen: 1.491 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007233.D
Acq: 05 Dec 2018 16:12

Tgt Ion: 43 Resp: 99
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.4#

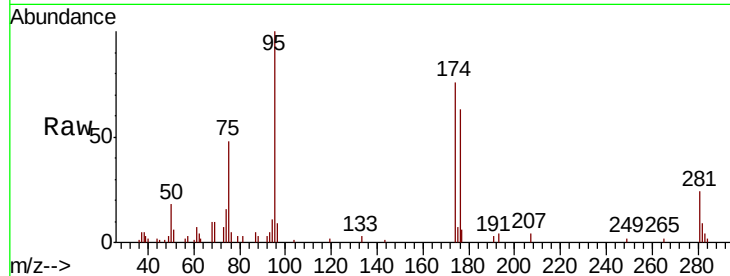




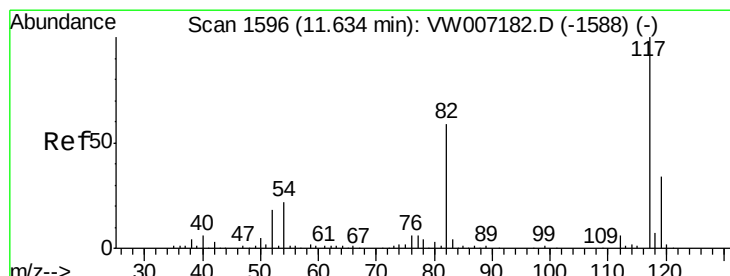
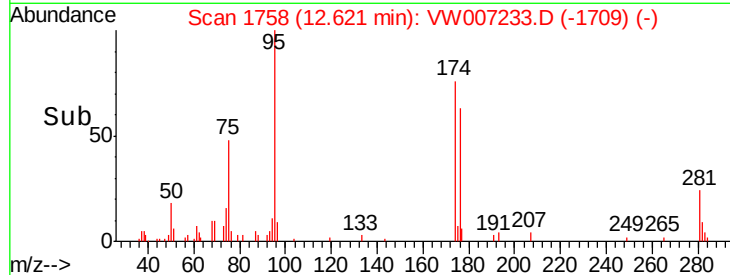
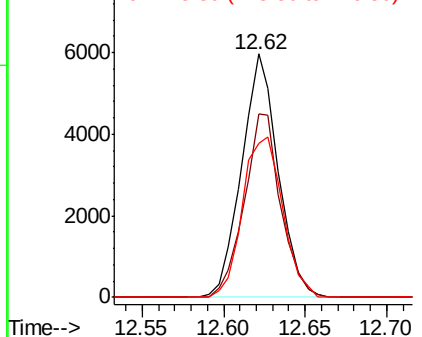
#62
4-Bromofluorobenzene
Concen: 35.890 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007233.D
Acq: 05 Dec 2018 16:12

Instrument :
MSVOA_W
ClientSampleId :
S2RE

Tot Ion: 95 Resp: 9291
Ion Ratio Lower Upper
95 100
174 75.6 0.0 148.0
176 72.1 0.0 139.4

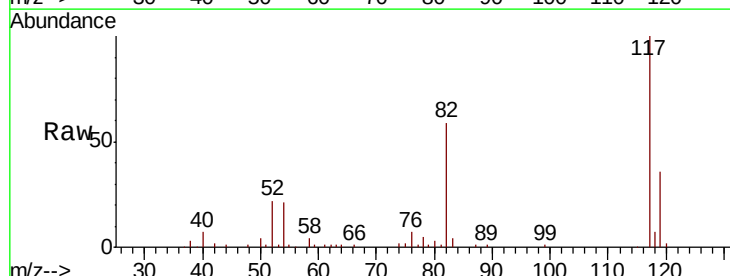


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

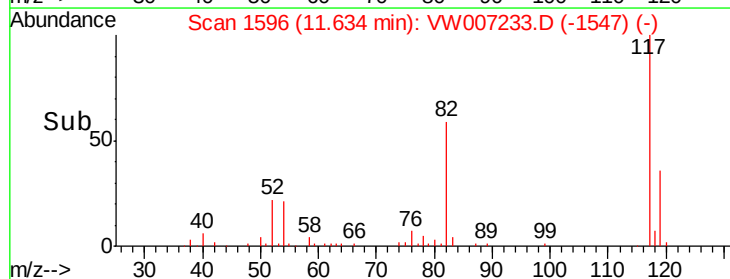
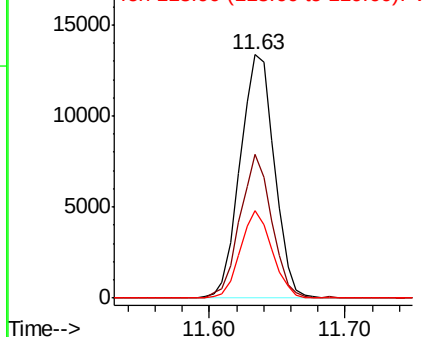


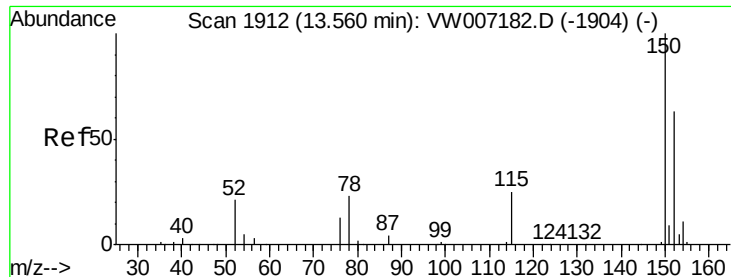
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007233.D
Acq: 05 Dec 2018 16:12

Tgt Ion: 117 Resp: 23543
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 36.2 26.8 40.2



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007233.D

Acq: 05 Dec 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

S2RE

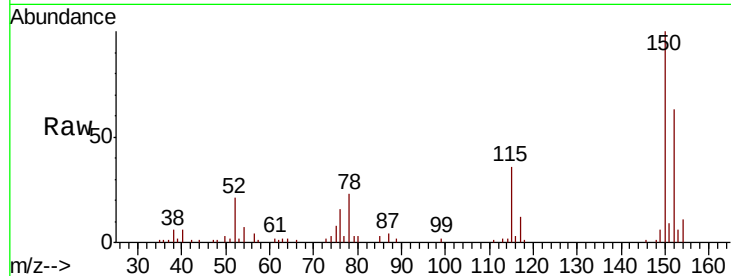
Tot Ion:152 Resp: 8310

Ion Ratio Lower Upper

152 100

115 62.6 31.3 93.8

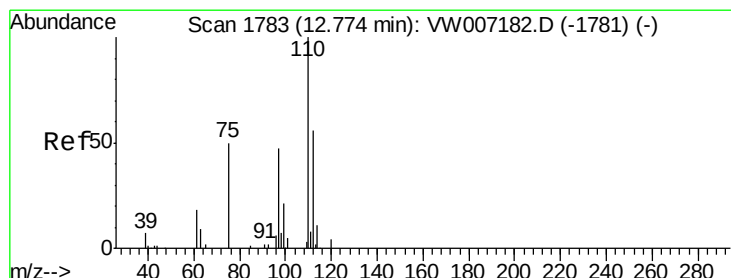
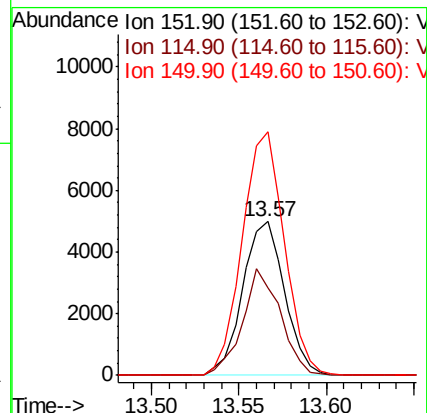
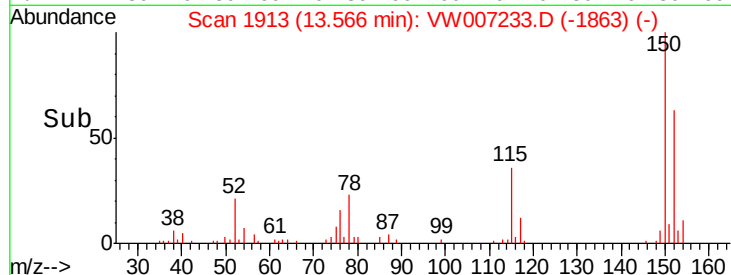
150 159.0 0.0 358.0



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: 73.557 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007233.D

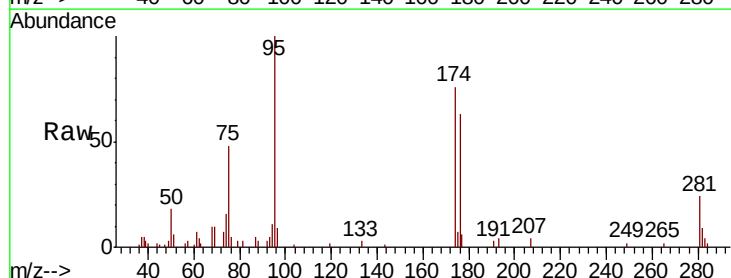
Acq: 05 Dec 2018 16:12

Tgt Ion: 75 Resp: 4733

Ion Ratio Lower Upper

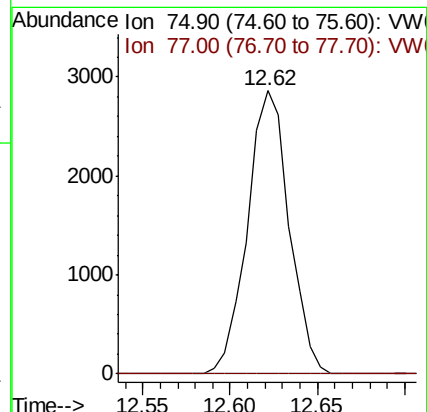
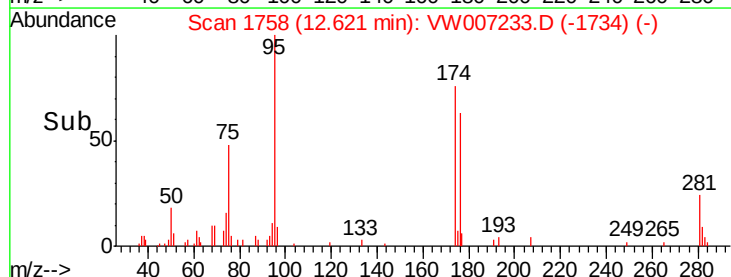
75 100

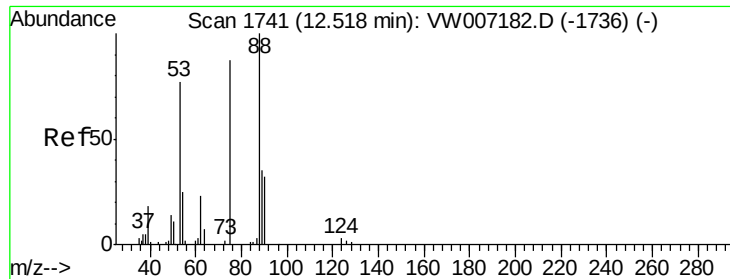
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 158.540 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007233.D

Acq: 05 Dec 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

S2RE

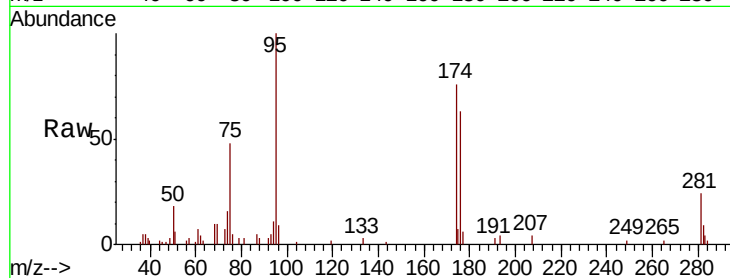
Tot Ion: 75 Resp: 4733

Ion Ratio Lower Upper

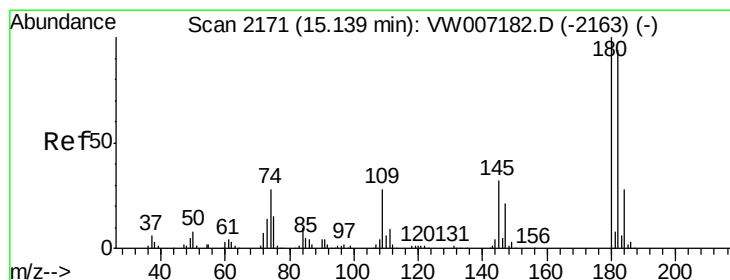
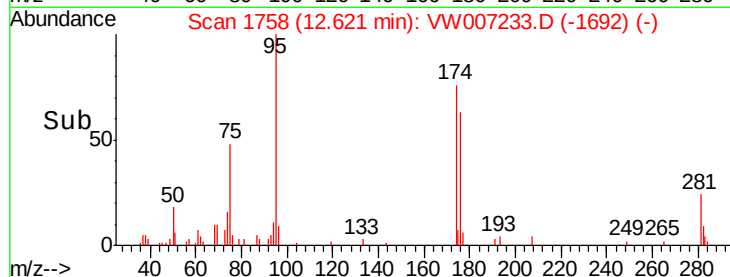
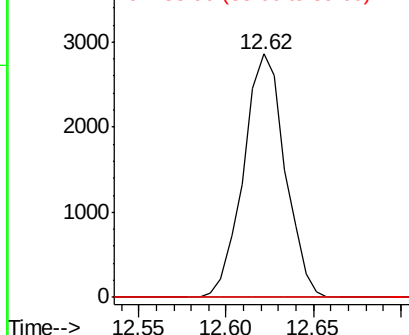
75 100

53 0.0 72.8 109.2#

89 0.0 36.4 54.6#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 53.00 (52.70 to 53.70): VW
Ion 88.90 (88.60 to 89.60): VW



#93

1,2,4-Trichlorobenzene

Concen: 1.725 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VW007233.D

Acq: 05 Dec 2018 16:12

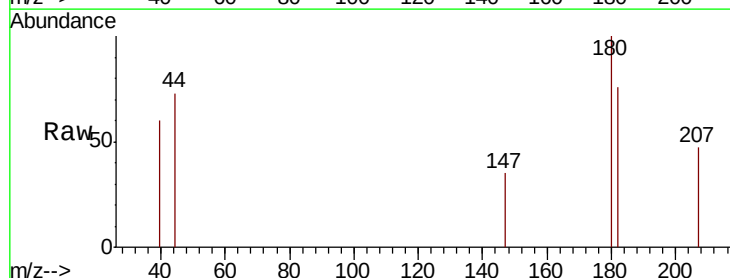
Tgt Ion: 180 Resp: 310

Ion Ratio Lower Upper

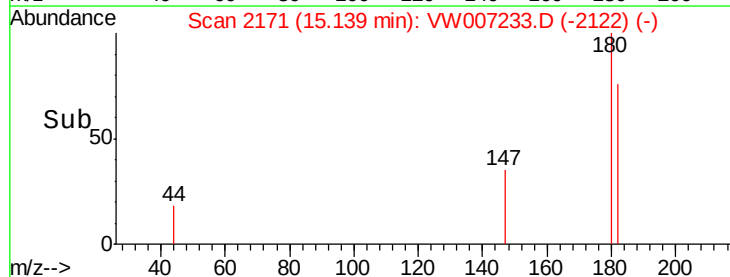
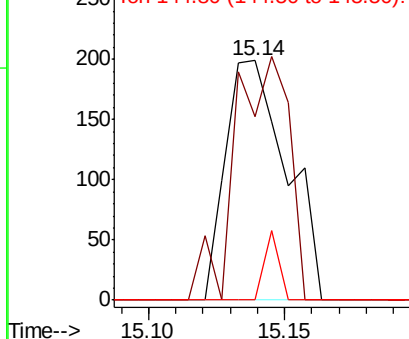
180 100

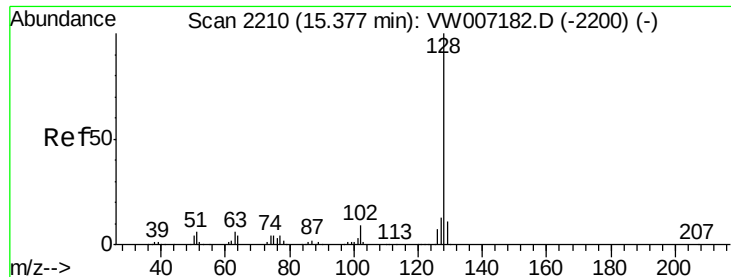
182 90.0 47.9 143.8

145 6.8 16.6 49.7#



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





#95

Naphthalene

Concen: 1.792 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW007233.D

Acq: 05 Dec 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

S2RE

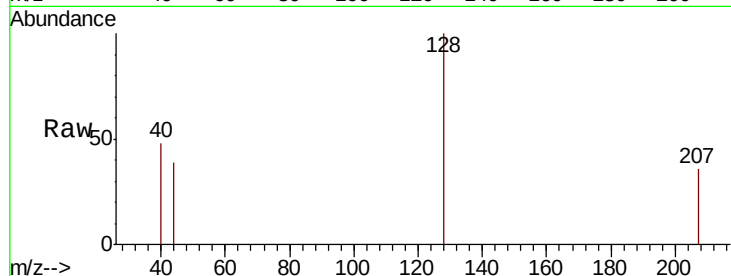
Tot Ion:128 Resp: 577

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

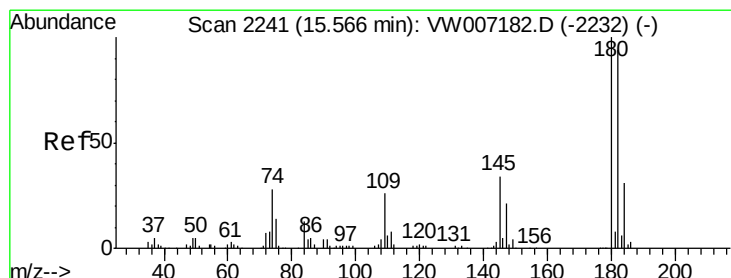
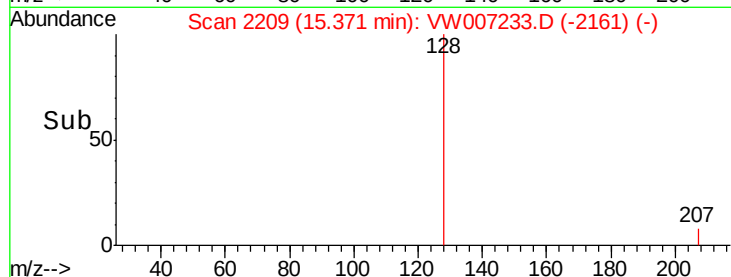
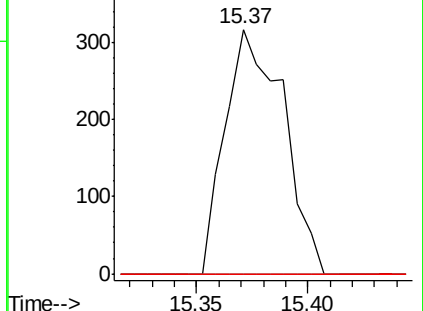
129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.287 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW007233.D

Acq: 05 Dec 2018 16:12

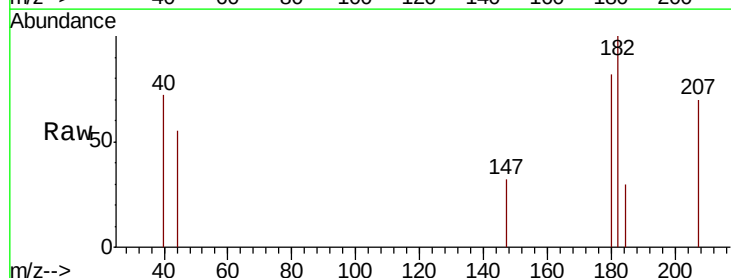
Tgt Ion:180 Resp: 195

Ion Ratio Lower Upper

180 100

182 115.9 47.4 142.2

145 11.3 17.6 52.8#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

