

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120418\
 Data File : VW007187.D
 Acq On : 04 Dec 2018 15:04
 Operator : SY/AP
 Sample : VW1204SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBL01

Quant Time: Dec 05 05:04:12 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	115872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	179395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	161271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	80538	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	53986	50.04	ug/l	0.00
Spiked Amount			Recovery	=	100.08%	
35) Dibromofluoromethane	7.88	113	50214	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	
50) Toluene-d8	10.32	98	226882	50.14	ug/l	0.00
Spiked Amount			Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.62	95	81752	47.87	ug/l	0.00
Spiked Amount			Recovery	=	95.74%	

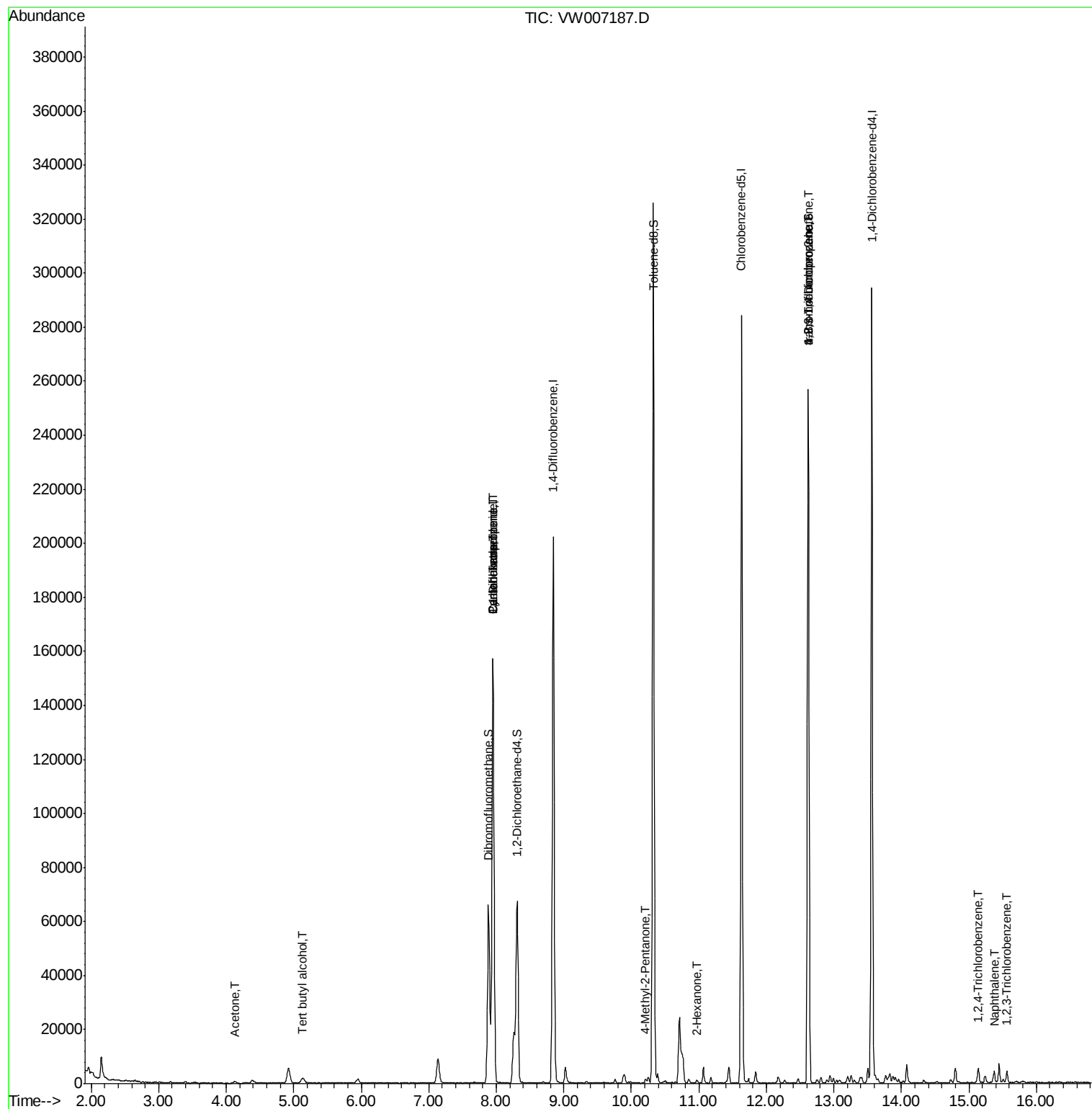
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.12	59	2364	4.356	ug/l #	75
16) Acetone	4.12	43	1490	5.834	ug/l	98
20) Methylene Chloride	4.93	84	4274	Below Cal		95
31) Cyclohexane	7.95	56	2344	1.095	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	8546	4.896	ug/l #	49
38) Carbon Tetrachloride	7.95	117	11859	6.656	ug/l #	19
51) 4-Methyl-2-Pentanone	10.21	43	1116	1.847	ug/l	99
59) 2-Hexanone	10.97	43	750	1.712	ug/l	95
76) 1,2,3-Trichloropropane	12.62	75	40325	33.318	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	40325	139.373	ug/l #	13
93) 1,2,4-Trichlorobenzene	15.14	180	1831	1.051	ug/l	98
95) Naphthalene	15.38	128	4091	1.311	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	1520	1.035	ug/l	84

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120418\
Data File : VW007187.D
Acq On : 04 Dec 2018 15:04
Operator : SY/AP
Sample : VW1204SBL01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBL01

Quant Time: Dec 05 05:04:12 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: VW007187.D

Acq: 04 Dec 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

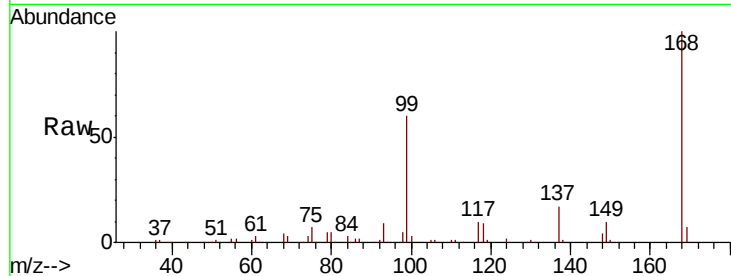
VW1204SBL01

Tot Ion:168 Resp: 115872

Ion Ratio Lower Upper

168 100

99 60.3 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

60000

50000

40000

30000

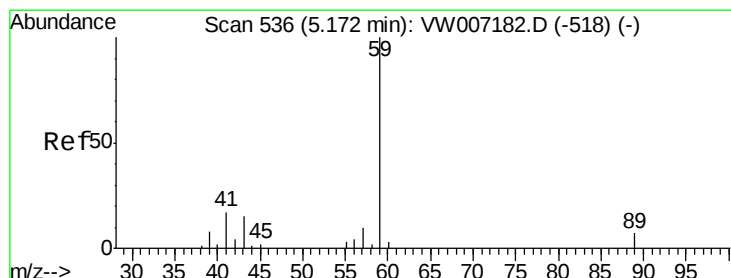
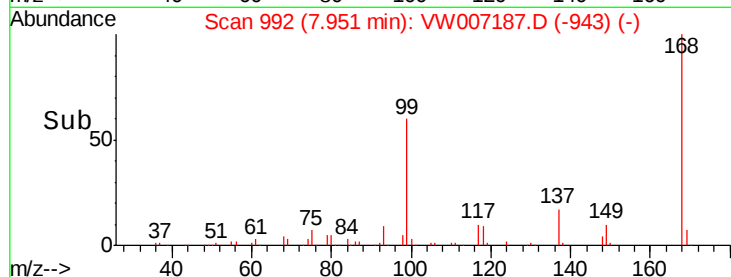
20000

10000

0

Time-->

7.90 8.00



#11

Tert butyl alcohol

Concen: 4.356 ug/l

RT: 5.12 min Scan# 528

Delta R.T. -0.05 min

Lab File: VW007187.D

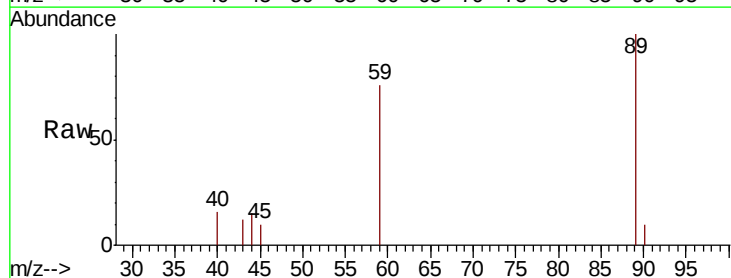
Acq: 04 Dec 2018 15:04

Tgt Ion: 59 Resp: 2364

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

5.12

600

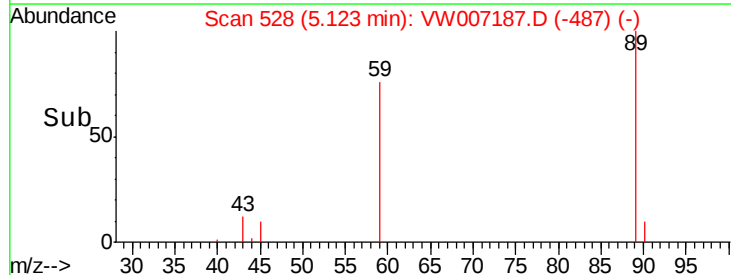
400

200

0

Time-->

5.00 5.10 5.20





#16

Acetone

Concen: 5.834 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW007187.D

Acq: 04 Dec 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

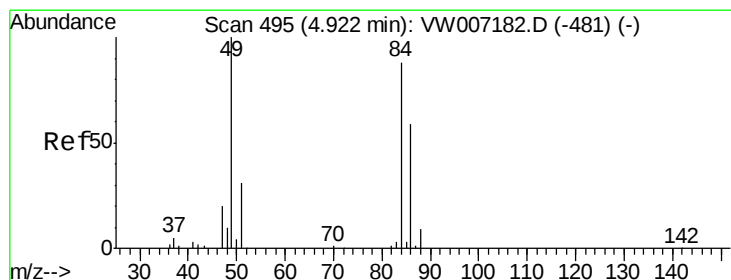
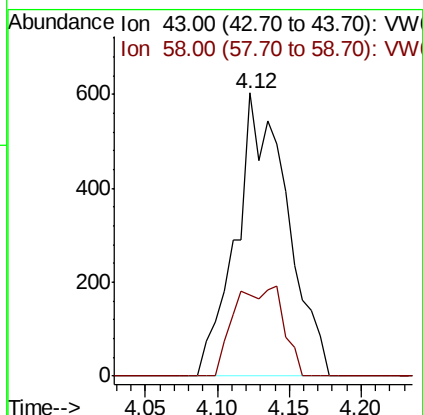
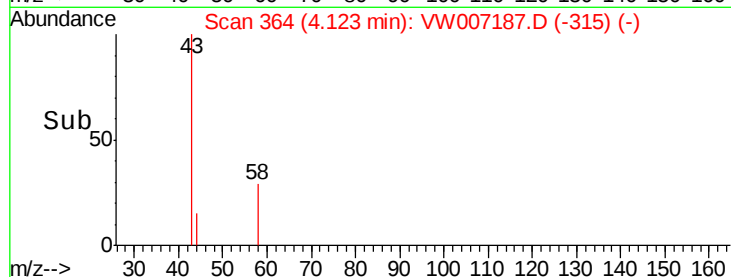
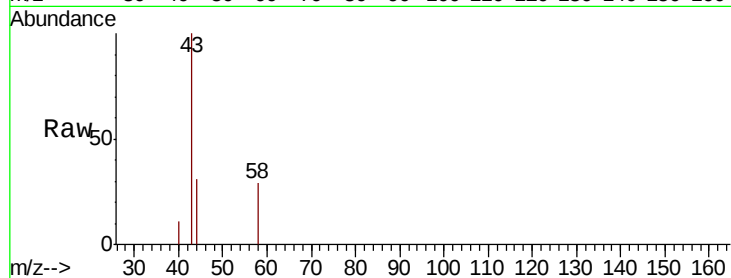
VW1204SBL01

Tot Ion: 43 Resp: 1490

Ion Ratio Lower Upper

43 100

58 28.7 23.8 35.8



#20

Methylene Chloride

Concen: Below Cal

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW007187.D

Acq: 04 Dec 2018 15:04

Tgt Ion: 84 Resp: 4274

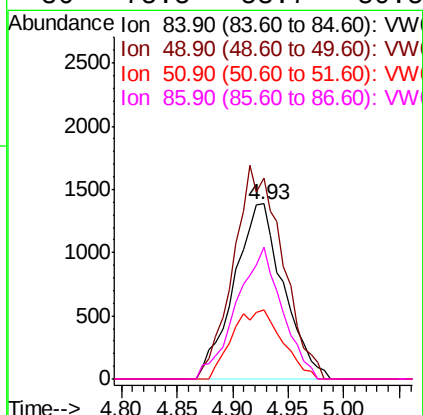
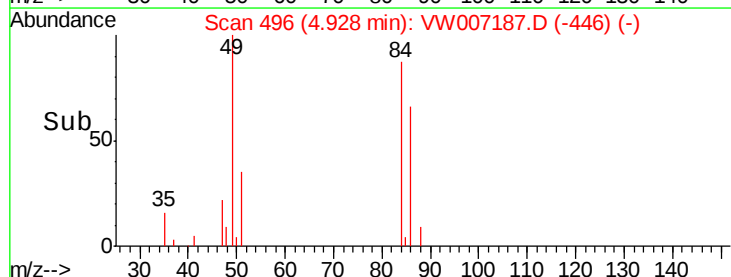
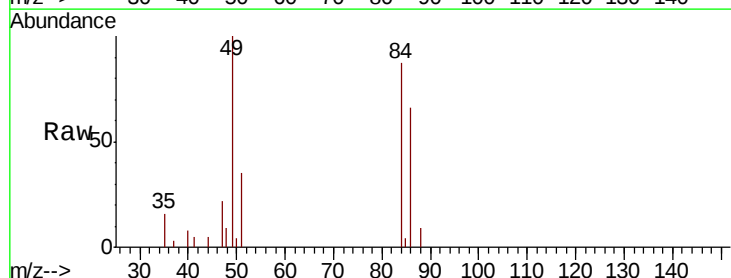
Ion Ratio Lower Upper

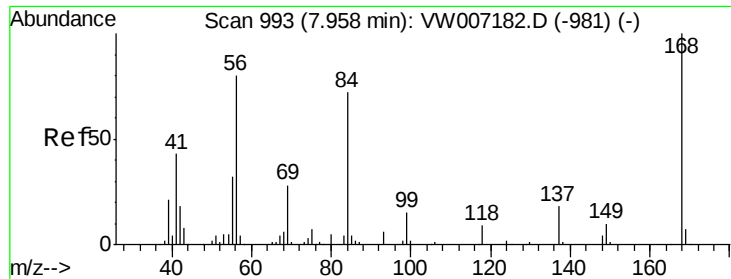
84 100

49 114.5 90.6 135.8

51 39.7 27.6 41.4

86 75.5 53.7 80.5

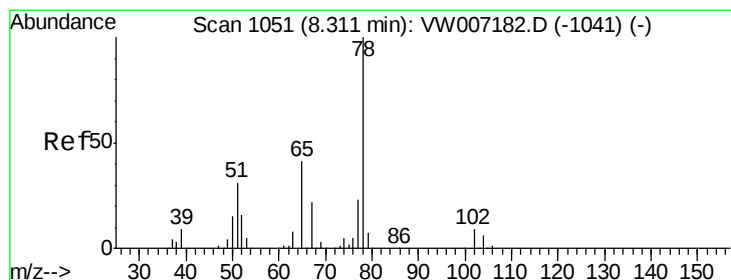
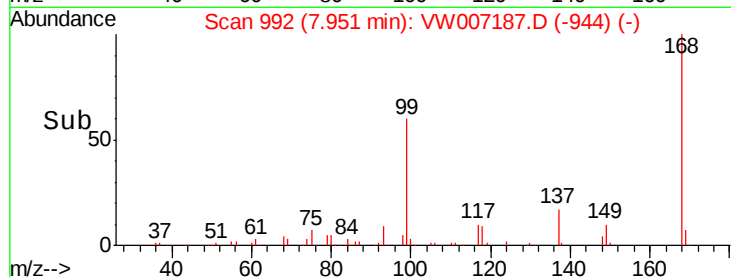
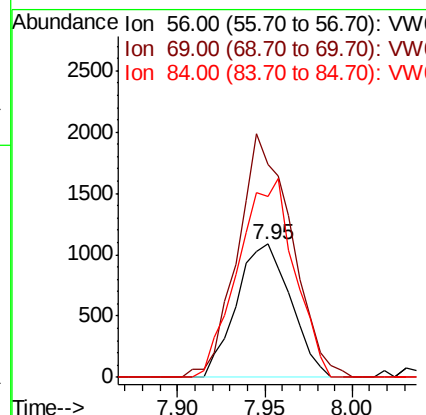
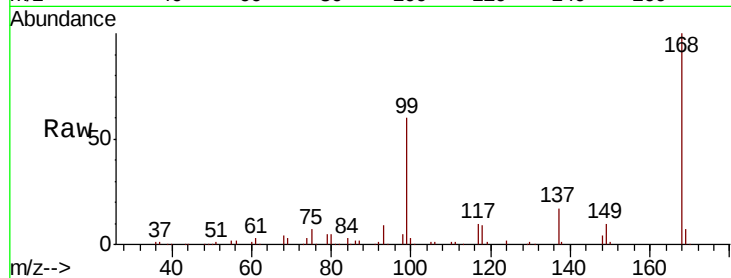




#31
Cyclohexane
Concen: 1.095 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007187.D
Acq: 04 Dec 2018 15:04

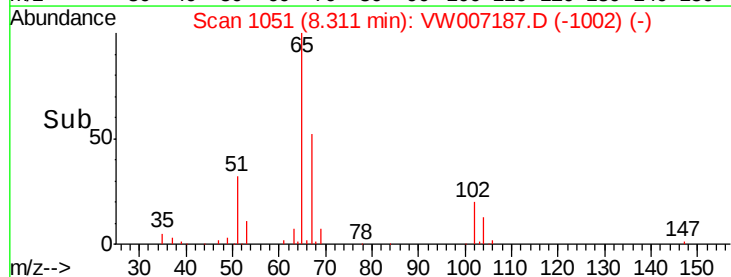
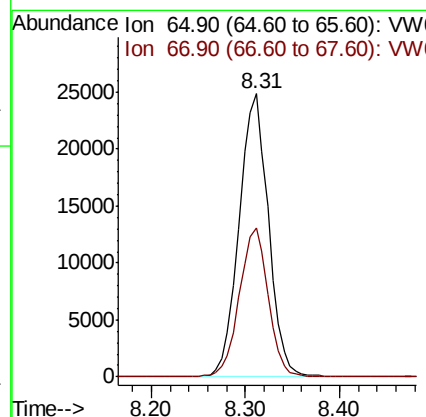
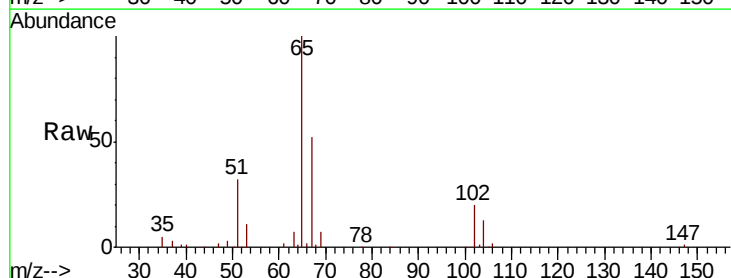
Instrument :
MSVOA_W
ClientSampleId :
VW1204SBL01

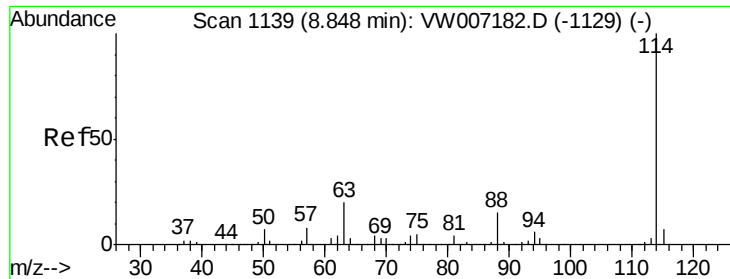
Tot Ion: 56 Resp: 2344
Ion Ratio Lower Upper
56 100
69 154.4 28.2 42.2#
84 136.1 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 50.042 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW007187.D
Acq: 04 Dec 2018 15:04

Tgt Ion: 65 Resp: 53986
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.4

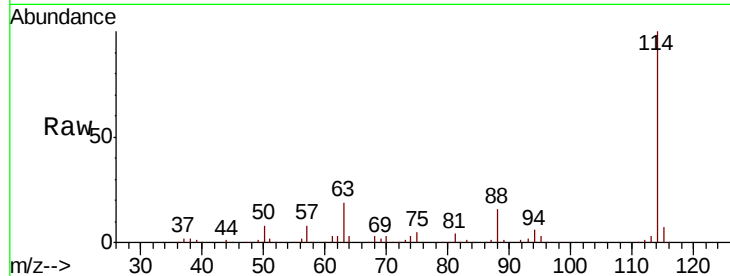




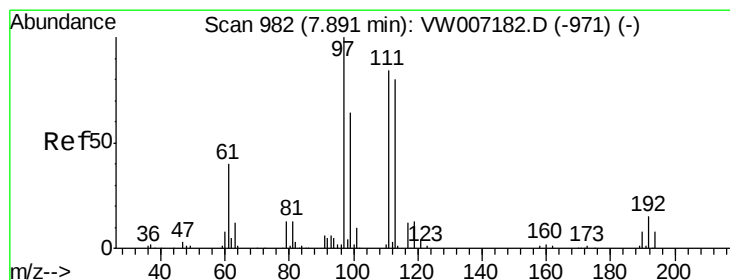
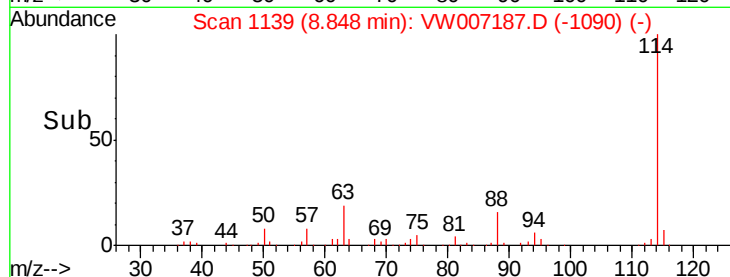
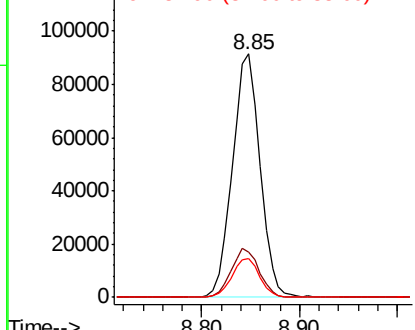
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VW007187.D
Acq: 04 Dec 2018 15:04

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	40.2
88	16.0	0.0	30.0

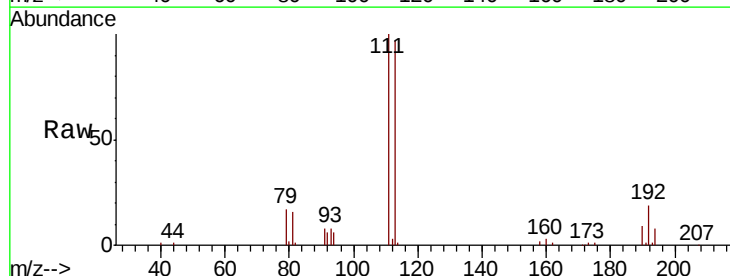


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

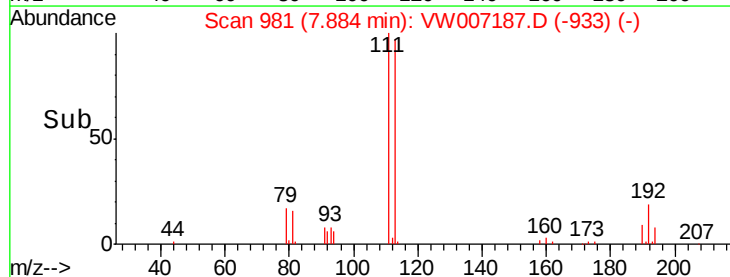
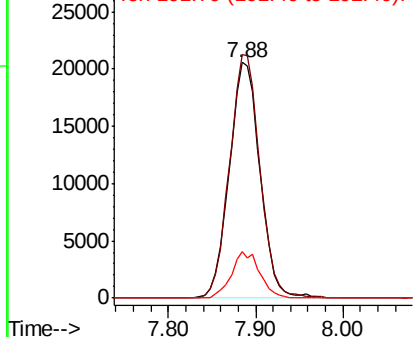


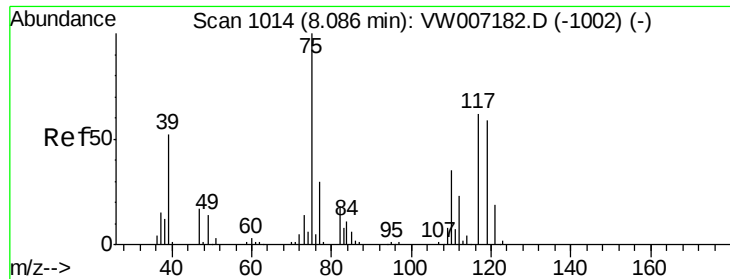
#35
Dibromofluoromethane
Concen: 48.884 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW007187.D
Acq: 04 Dec 2018 15:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.4
192	18.2	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

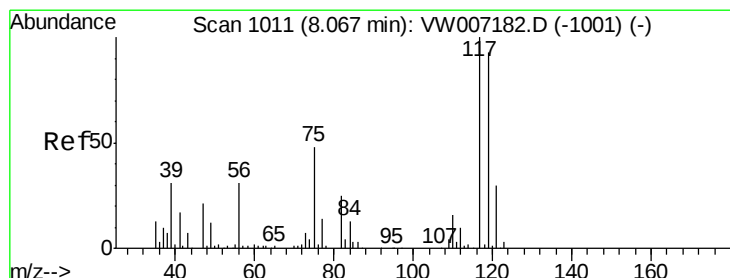
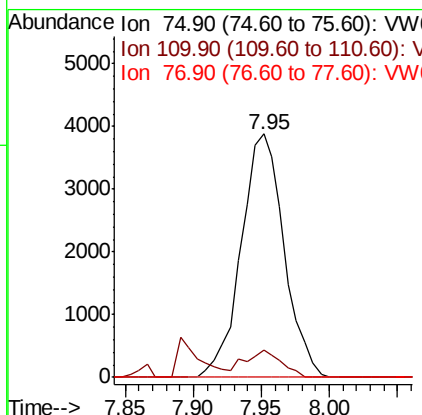
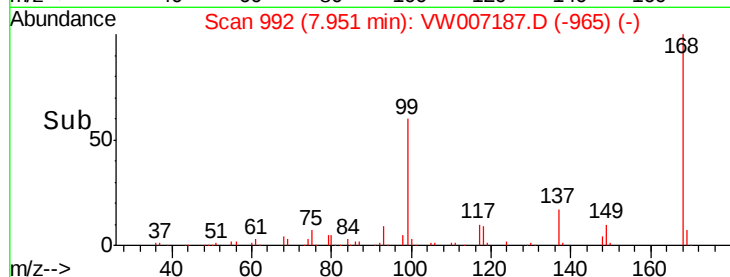
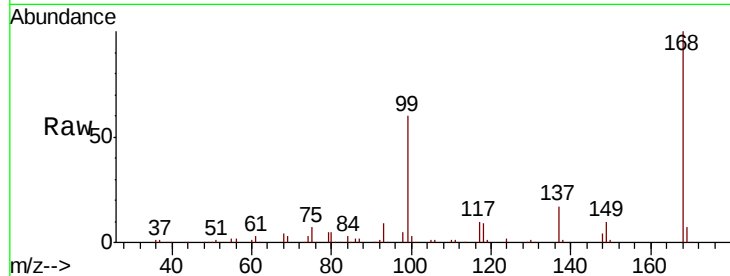




#36
 1,1-Dichloropropene
 Concen: 4.896 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007187.D
 Acq: 04 Dec 2018 15:04

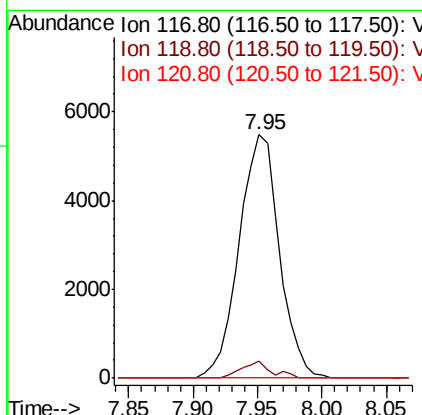
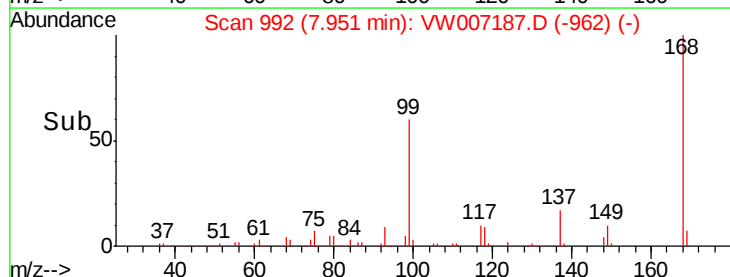
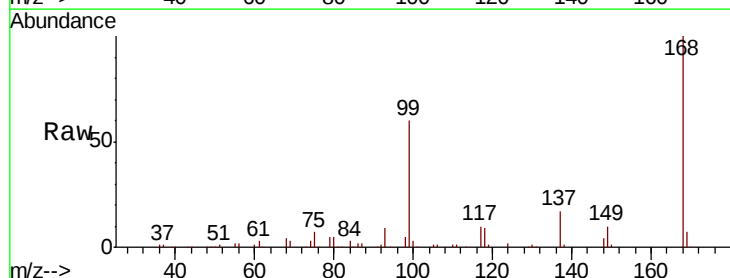
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBL01

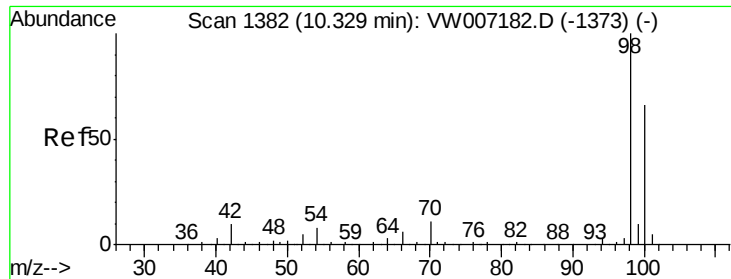
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.3	54.9#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.656 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007187.D
 Acq: 04 Dec 2018 15:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.9	74.1	111.1#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 50.141 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007187.D

Acq: 04 Dec 2018 15:04

Instrument :

MSVOA_W

ClientSampled :

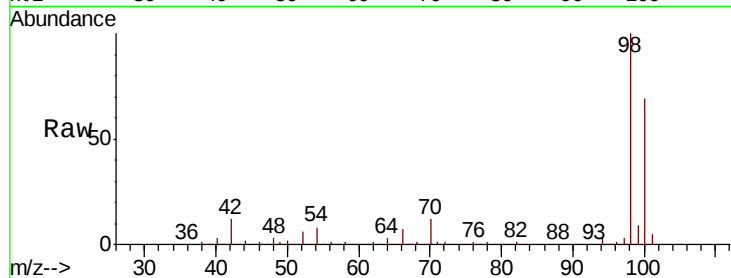
VW1204SBL01

Tot Ion: 98 Resp: 226882

Ion Ratio Lower Upper

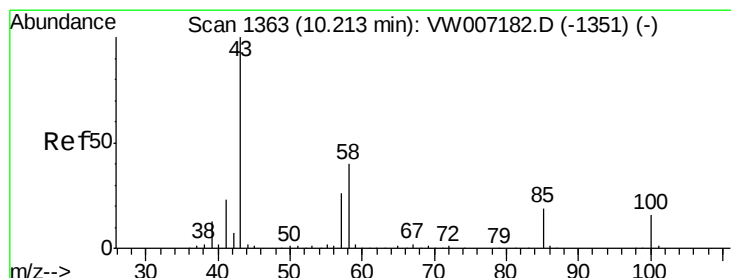
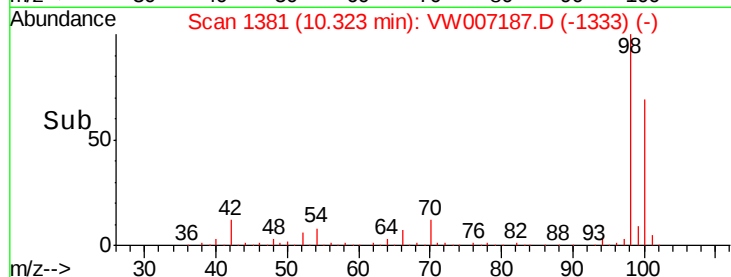
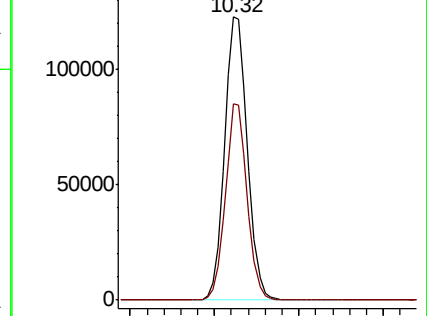
98 100

100 66.2 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 1.847 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007187.D

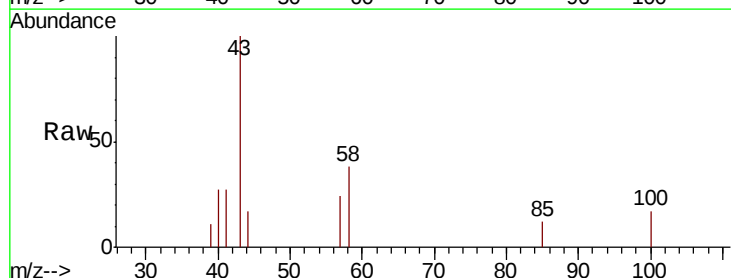
Acq: 04 Dec 2018 15:04

Tgt Ion: 43 Resp: 1116

Ion Ratio Lower Upper

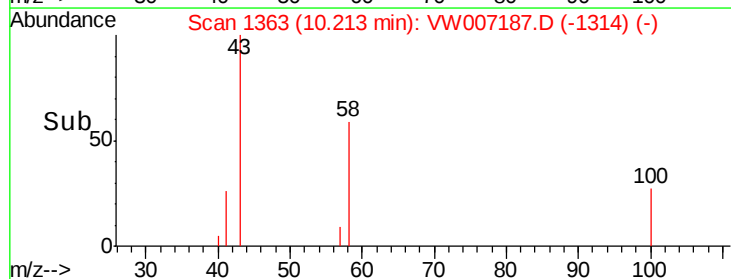
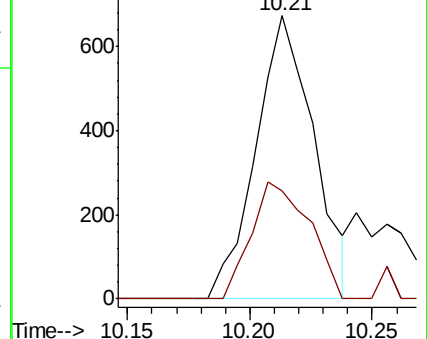
43 100

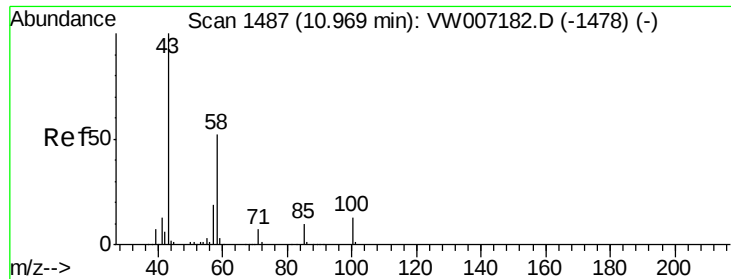
58 41.2 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#59

2-Hexanone

Concen: 1.712 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW007187.D

Acq: 04 Dec 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

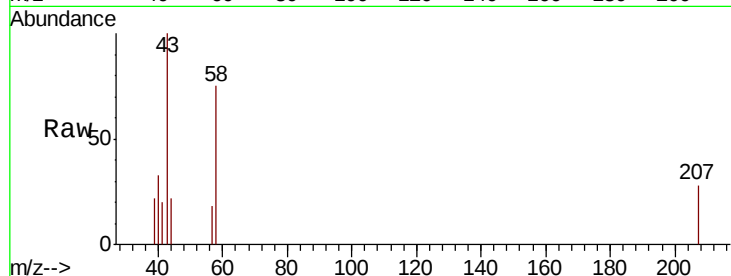
VW1204SBL01

Tot Ion: 43 Resp: 750

Ion Ratio Lower Upper

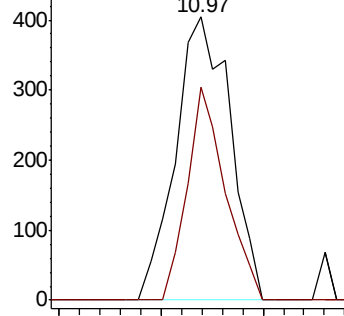
43 100

58 52.8 28.1 84.4

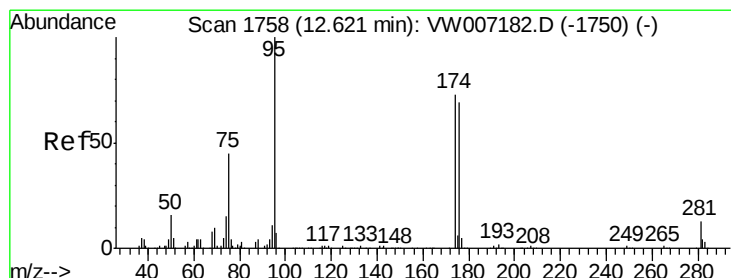
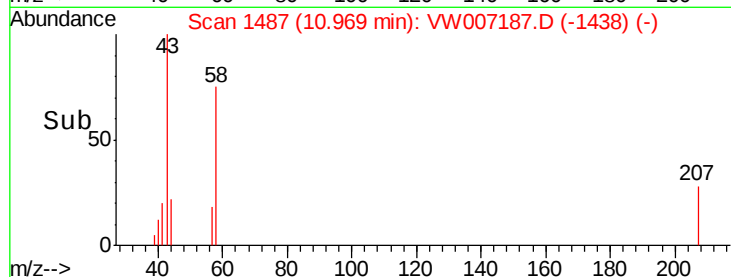


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#62

4-Bromofluorobenzene

Concen: 47.868 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007187.D

Acq: 04 Dec 2018 15:04

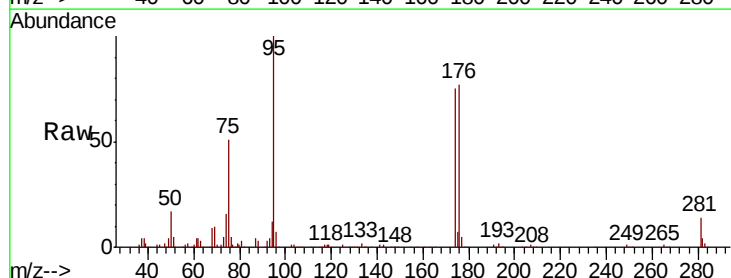
Tgt Ion: 95 Resp: 81752

Ion Ratio Lower Upper

95 100

174 75.9 0.0 148.0

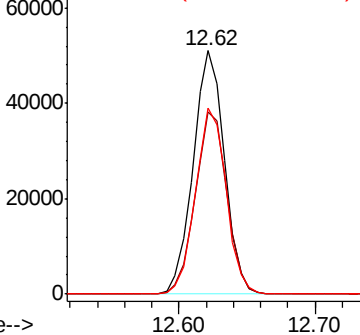
176 75.1 0.0 139.4



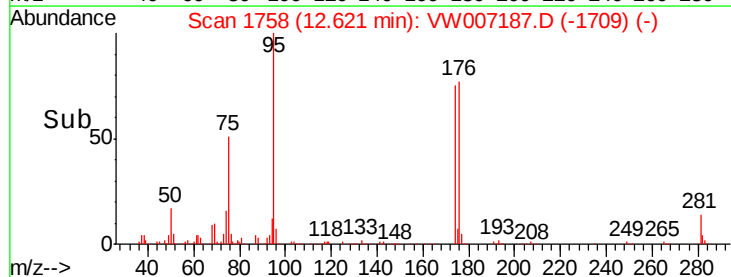
Abundance Ion 94.90 (94.60 to 95.60): VW

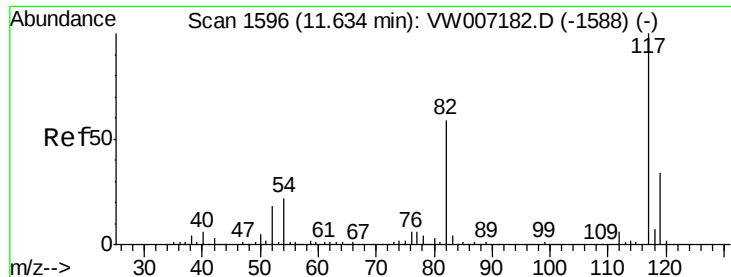
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

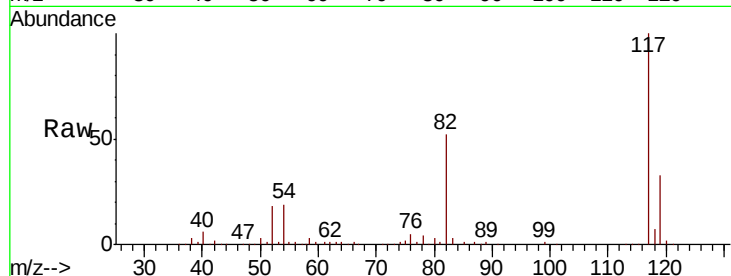




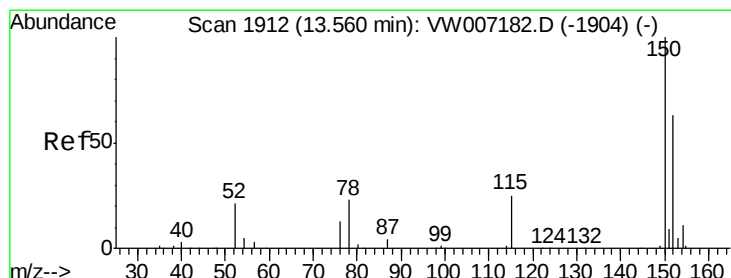
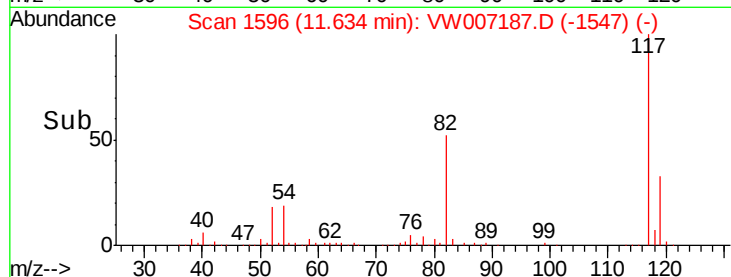
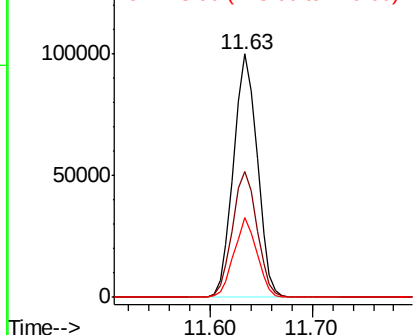
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007187.D
Acq: 04 Dec 2018 15:04

Instrument :
MSVOA_W
ClientSampleId :
VW1204SBL01

Tot Ion:117 Resp: 161271
Ion Ratio Lower Upper
117 100
82 51.6 47.4 71.2
119 32.5 26.8 40.2

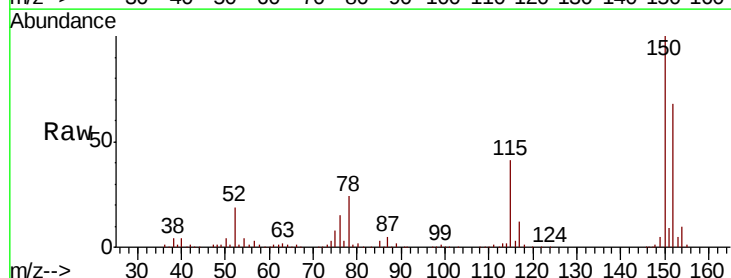


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

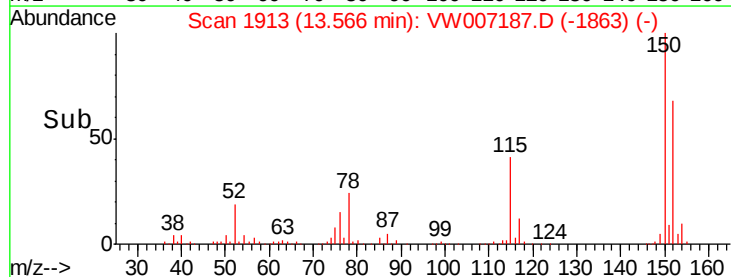
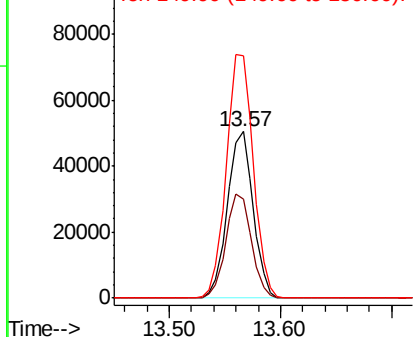


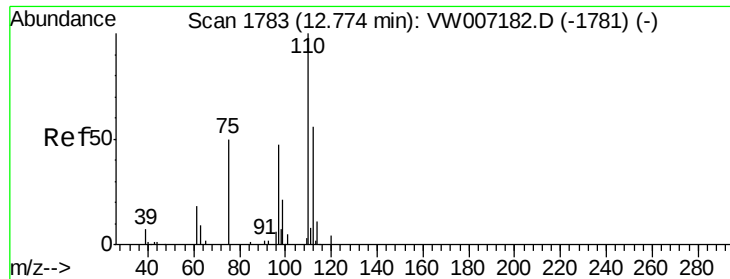
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007187.D
Acq: 04 Dec 2018 15:04

Tgt Ion:152 Resp: 80538
Ion Ratio Lower Upper
152 100
115 62.1 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: 33.318 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007187.D

Acq: 04 Dec 2018 15:04

Instrument :

MSVOA_W

ClientSampleId :

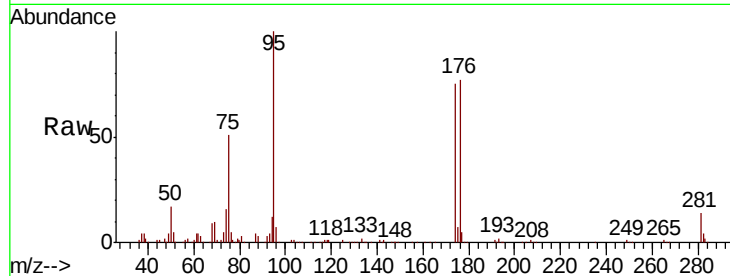
VW1204SBL01

Tot Ion: 75 Resp: 40325

Ion Ratio Lower Upper

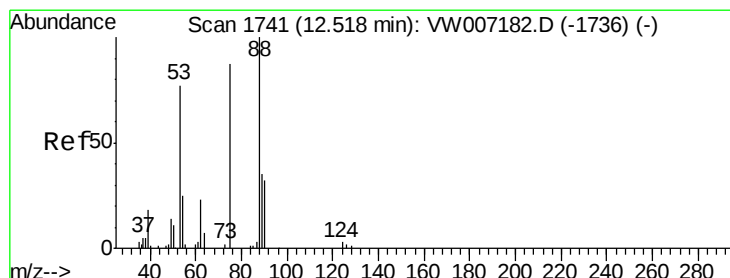
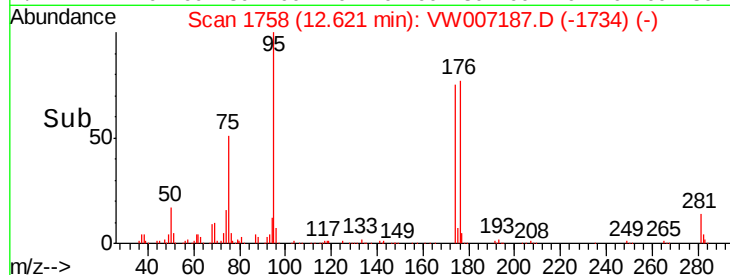
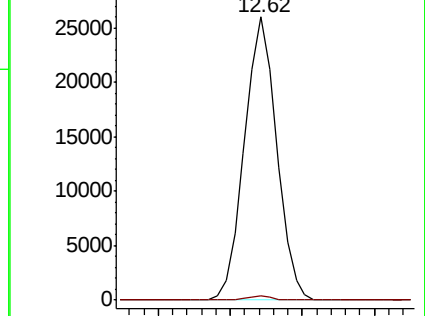
75 100

77 1.1 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: 139.373 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007187.D

Acq: 04 Dec 2018 15:04

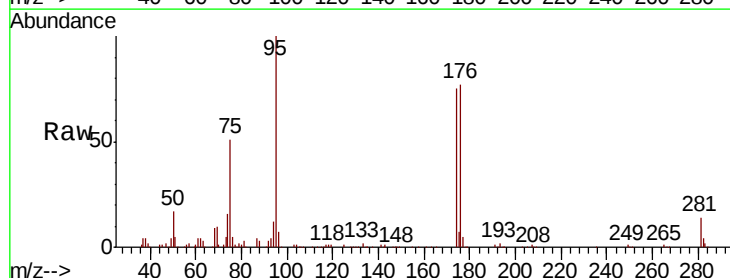
Tgt Ion: 75 Resp: 40325

Ion Ratio Lower Upper

75 100

53 0.0 72.8 109.2#

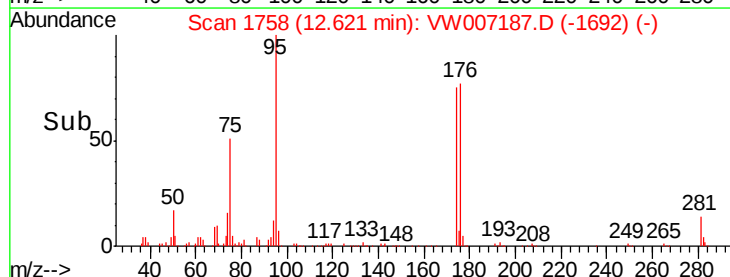
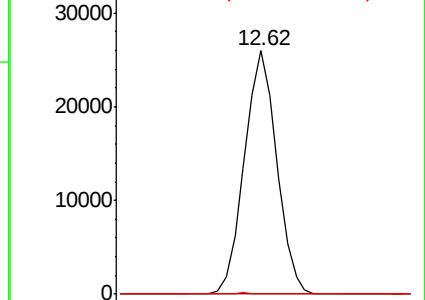
89 0.2 36.4 54.6#

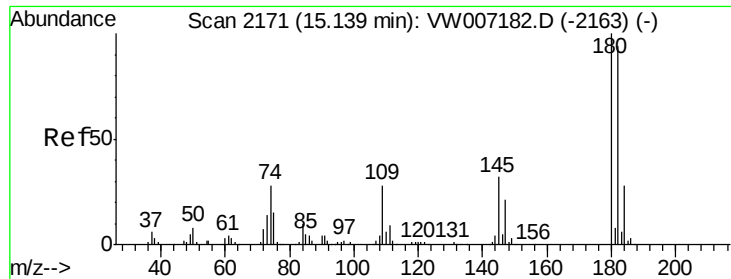


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

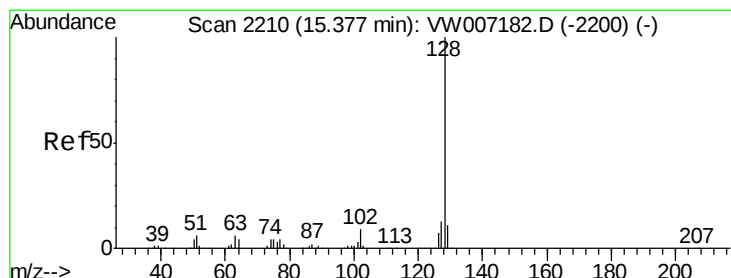
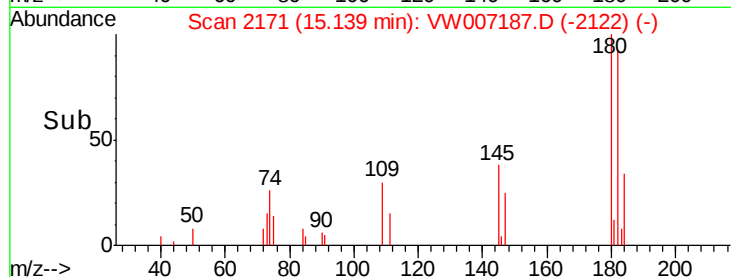
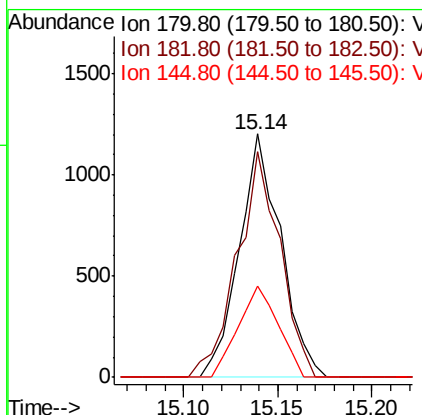
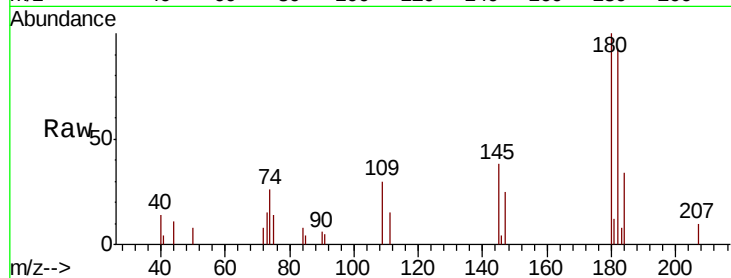




#93
 1,2,4-Trichlorobenzene
 Concen: 1.051 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007187.D
 Acq: 04 Dec 2018 15:04

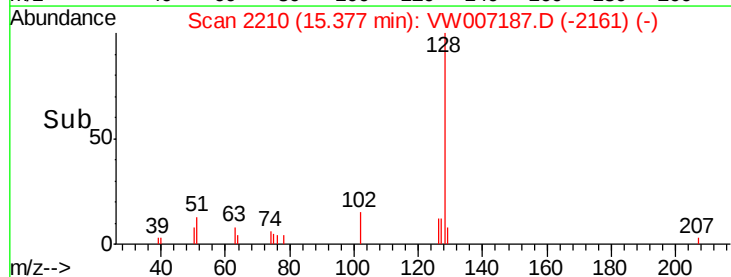
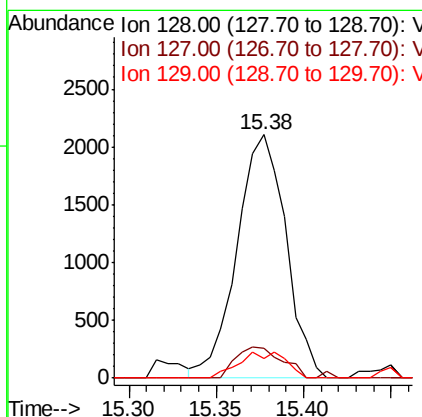
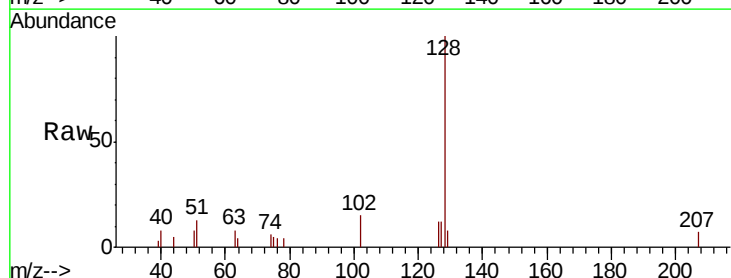
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBL01

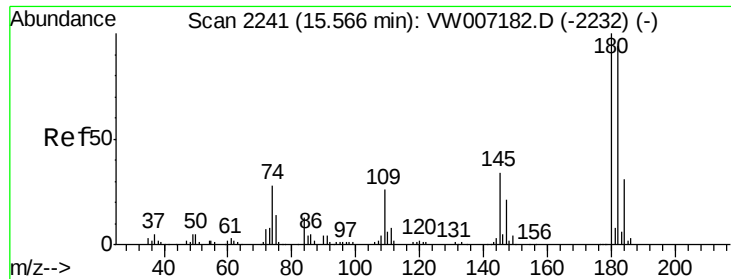
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.8
145	36.3	16.6	49.7



#95
 Naphthalene
 Concen: 1.311 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VW007187.D
 Acq: 04 Dec 2018 15:04

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.3	15.5
129	10.4	8.6	13.0

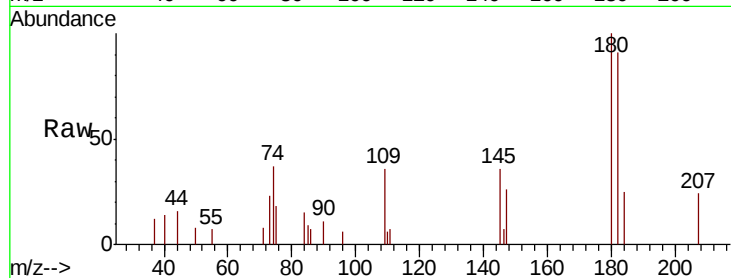




#96
 1,2,3-Trichlorobenzene
 Concen: 1.035 ug/l
 RT: 15.56 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW007187.D
 Acq: 04 Dec 2018 15:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1204SBL01

Tot Ion	Ratio	Lower	Upper
180	100		
182	112.0	47.4	142.2
145	42.4	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

