

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005122.D
 Acq On : 05 Sep 2018 11:04
 Operator : SY/AP
 Sample : J4720-01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 05 11:49:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	515276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	837243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	680469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	223062	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	170293	39.87	ug/l	0.00
Spiked Amount			Recovery	=	79.74%	
35) Dibromofluoromethane	7.89	113	163365	33.76	ug/l	0.00
Spiked Amount			Recovery	=	67.52%	
50) Toluene-d8	10.33	98	538837	24.17	ug/l	0.00
Spiked Amount			Recovery	=	48.34%	
62) 4-Bromofluorobenzene	12.62	95	179384	22.82	ug/l	0.00
Spiked Amount			Recovery	=	45.64%	

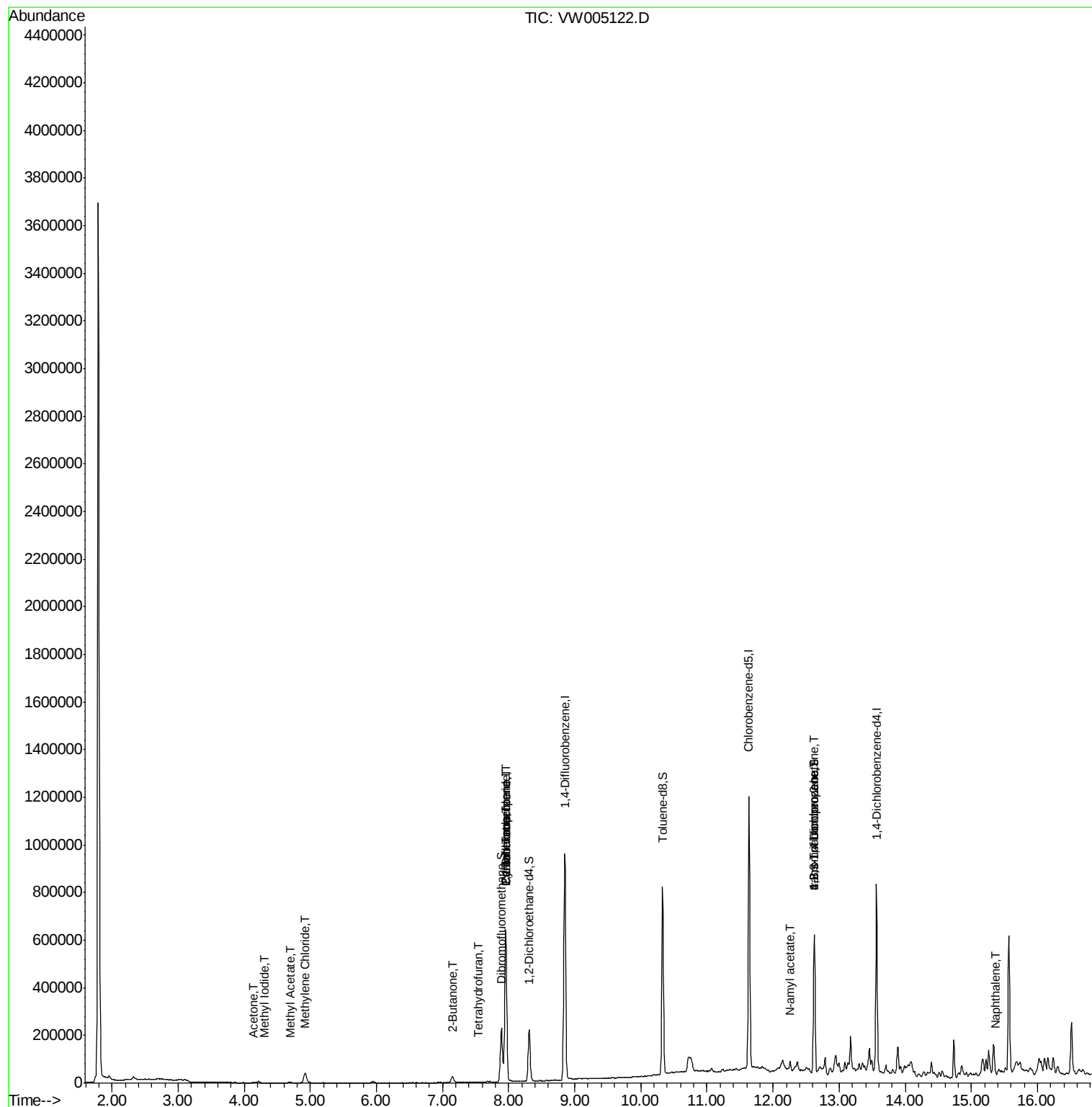
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.77	94	636	Below Cal	#	12
10) Methyl Iodide	4.31	142	20	3.821	ug/l #	44
11) Tert butyl alcohol	5.20	59	481	Below Cal	#	72
16) Acetone	4.14	43	1493	1.743	ug/l #	79
18) Methyl Acetate	4.69	43	4184	1.660	ug/l #	87
20) Methylene Chloride	4.92	84	32997	1.962	ug/l	94
25) 2-Butanone	7.15	43	1557	1.048	ug/l #	68
29) Tetrahydrofuran	7.55	42	907	1.195	ug/l #	75
31) Cyclohexane	7.95	56	9239	1.101	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	36057	4.522	ug/l #	47
38) Carbon Tetrachloride	7.96	117	46640	6.152	ug/l #	17
74) N-amyl acetate	12.26	43	9167	3.385	ug/l #	67
76) 1,2,3-Trichloropropane	12.62	75	83746	50.017	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	83746	120.385	ug/l #	15
95) Naphthalene	15.38	128	983	4.092	ug/l #	75

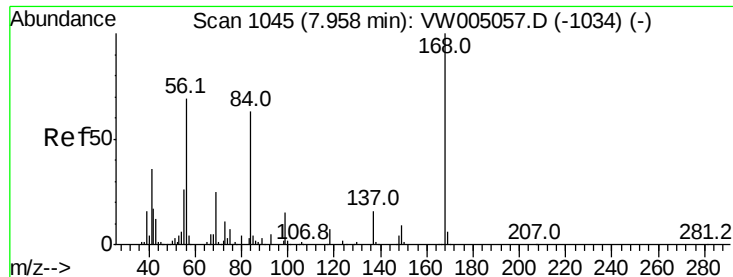
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\
Data File : VW005122.D
Acq On : 05 Sep 2018 11:04
Operator : SY/AP
Sample : J4720-01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Sep 05 11:49:52 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005122.D

Acq: 05 Sep 2018 11:04

Instrument :

MSVOA_W

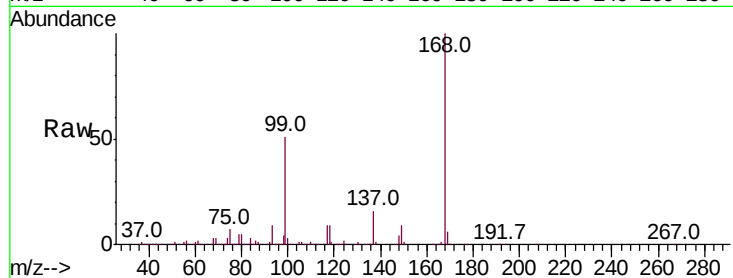
ClientSampled :

Tot Ion:168 Resp: 515276

Ion Ratio Lower Upper

168 100

99 50.7 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

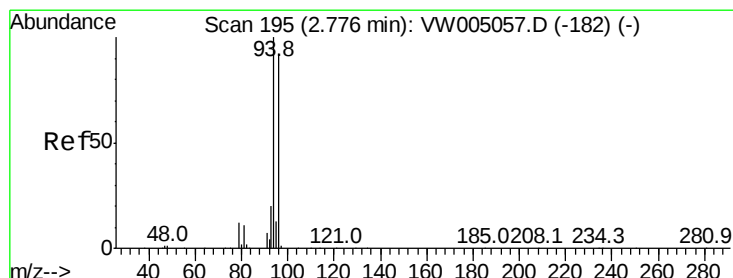
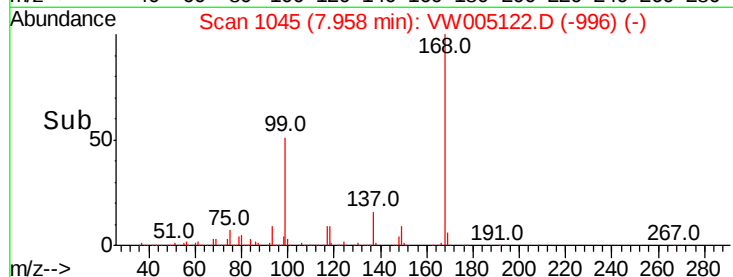
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW005122.D

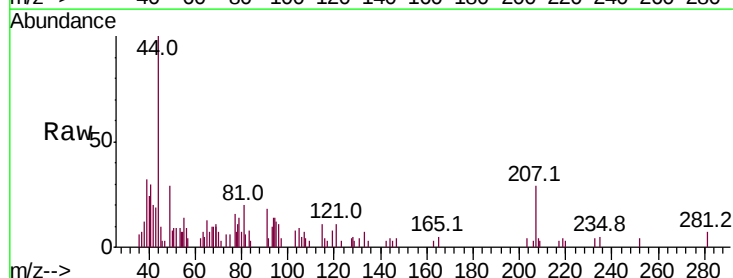
Acq: 05 Sep 2018 11:04

Tgt Ion: 94 Resp: 636

Ion Ratio Lower Upper

94 100

96 7.7 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

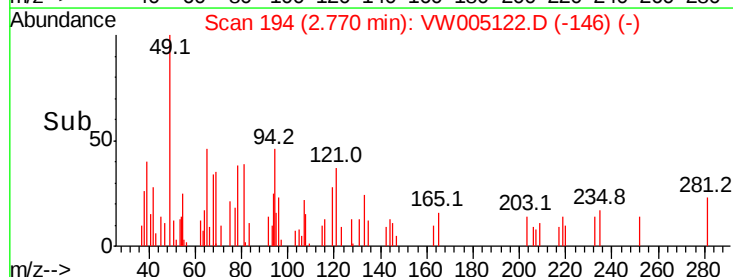
600

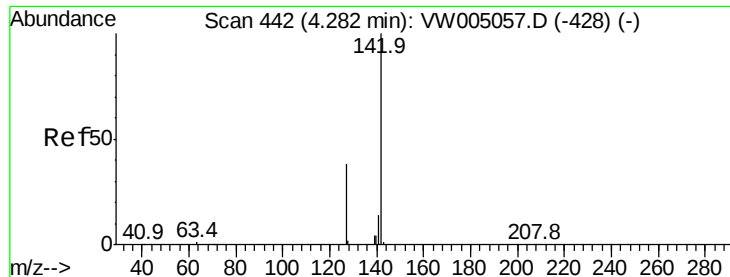
400

200

0

Time--> 2.75 2.80

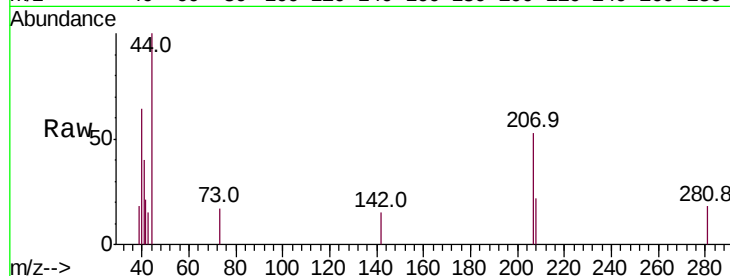




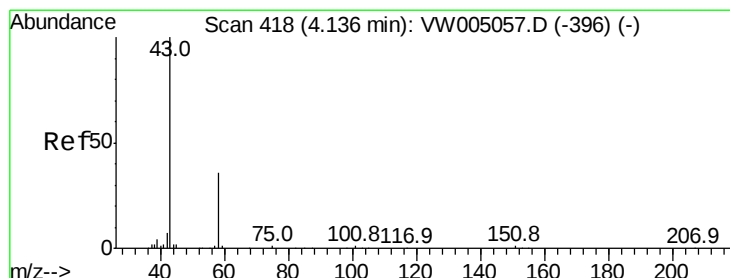
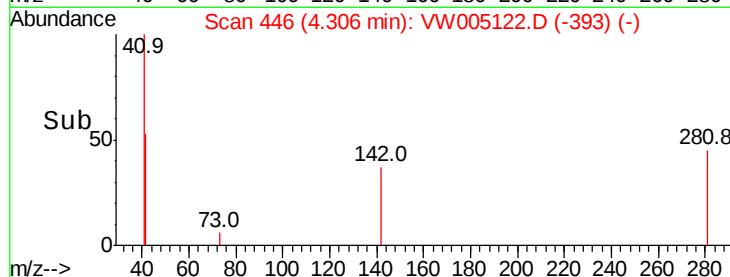
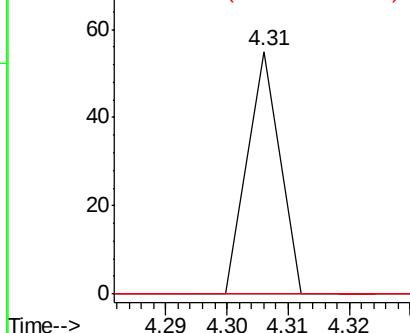
#10
Methyl Iodide
Concen: 3.821 ug/l
RT: 4.31 min Scan# 446
Delta R.T. 0.02 min
Lab File: VW005122.D
Acq: 05 Sep 2018 11:04

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:142 Resp: 20
Ion Ratio Lower Upper
142 100
127 0.0 30.8 46.2#
141 0.0 11.6 17.4#

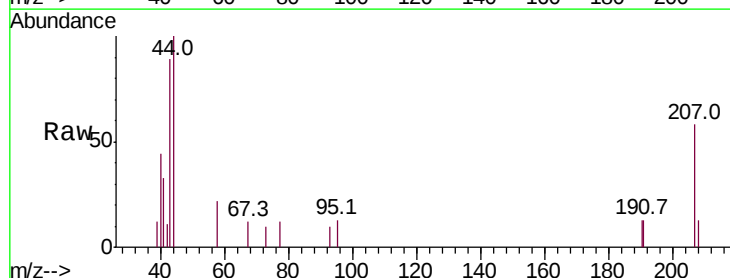


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

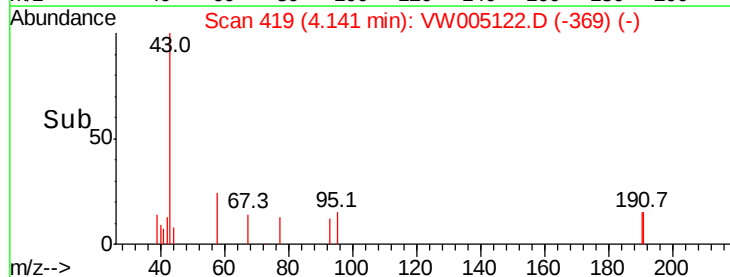
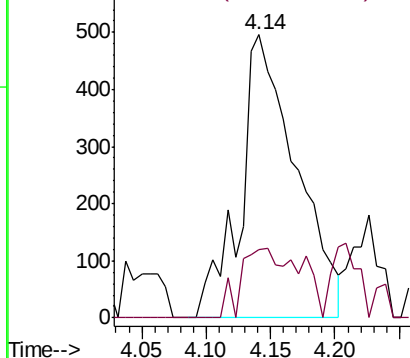


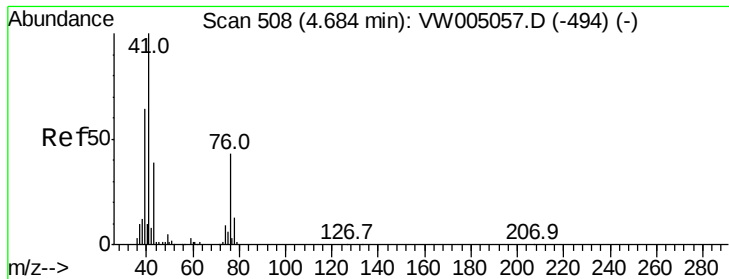
#16
Acetone
Concen: 1.743 ug/l
RT: 4.14 min Scan# 419
Delta R.T. 0.01 min
Lab File: VW005122.D
Acq: 05 Sep 2018 11:04

Tgt Ion: 43 Resp: 1493
Ion Ratio Lower Upper
43 100
58 24.2 29.0 43.6#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





#18

Methvl Acetate

Concen: 1.660 ug/l

RT: 4.69 min Scan# 509

Delta R.T. 0.01 min

Lab File: VW005122.D

Acq: 05 Sep 2018 11:04

Instrument :

MSVOA_W

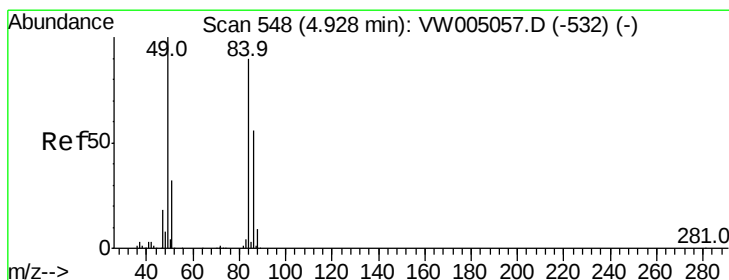
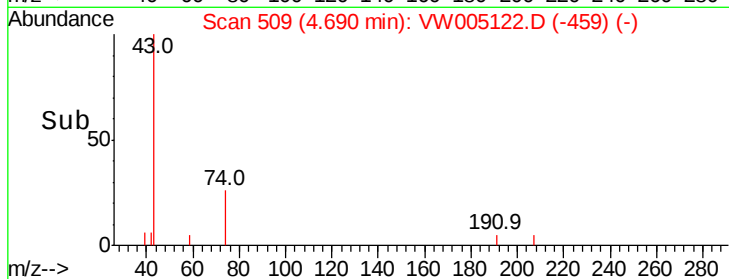
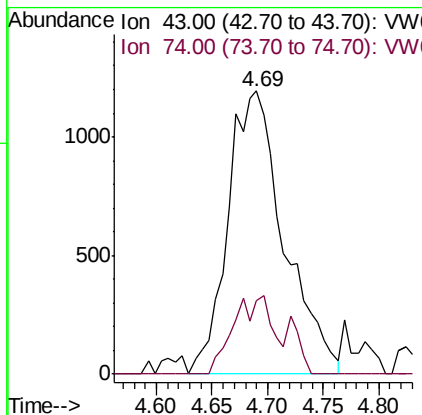
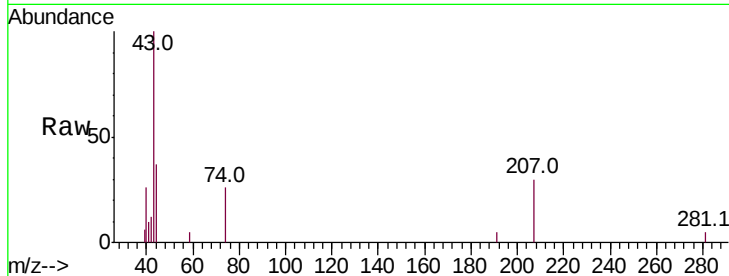
ClientSampled :

Tot Ion: 43 Resp: 4184

Ion Ratio Lower Upper

43 100

74 19.5 20.7 31.1#



#20

Methylene Chloride

Concen: 1.962 ug/l

RT: 4.92 min Scan# 547

Delta R.T. -0.01 min

Lab File: VW005122.D

Acq: 05 Sep 2018 11:04

Tgt Ion: 84 Resp: 32997

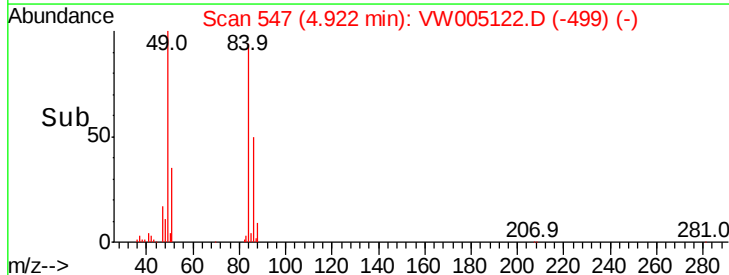
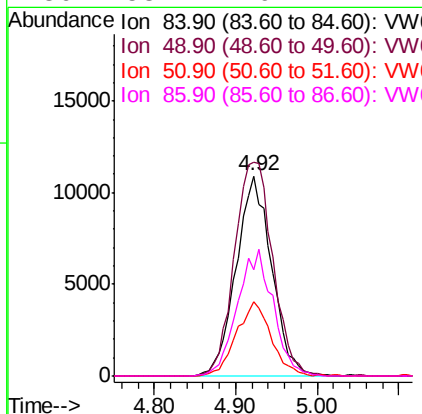
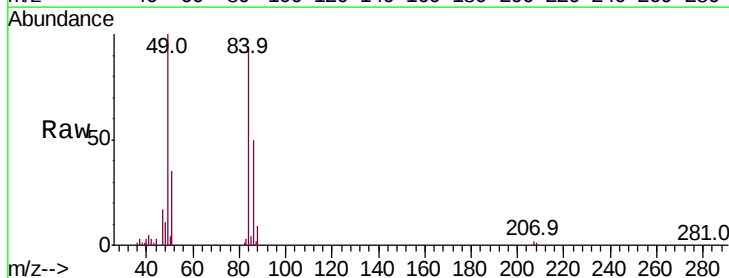
Ion Ratio Lower Upper

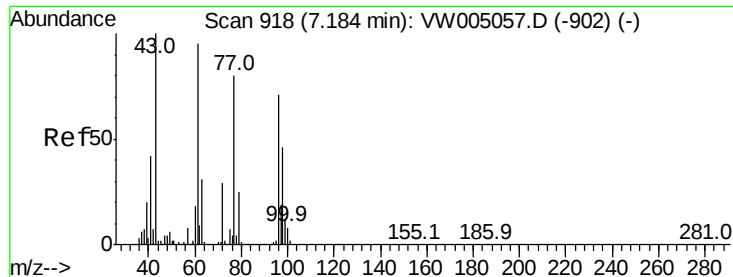
84 100

49 106.6 88.7 133.1

51 37.4 28.6 42.8

86 53.1 49.4 74.2





#25

2-Butanone

Concen: 1.048 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.03 min

Lab File: VW005122.D

Acq: 05 Sep 2018 11:04

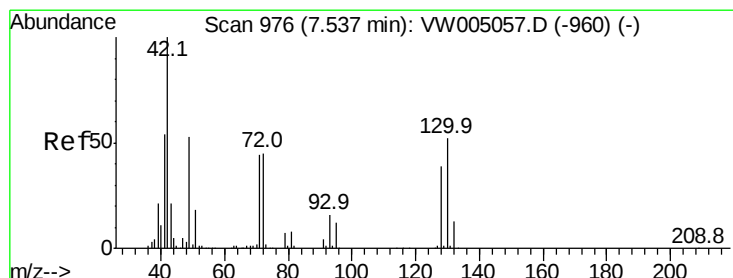
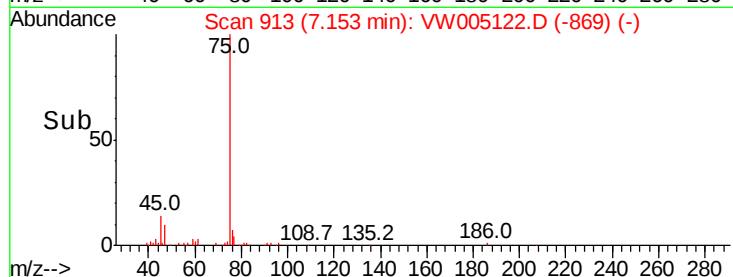
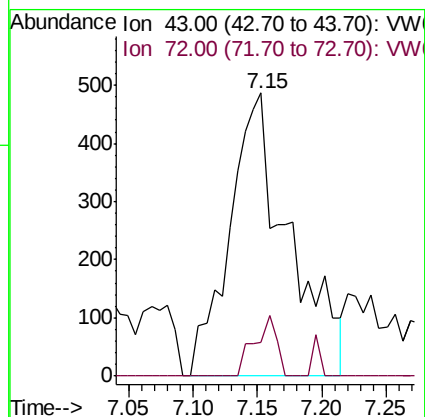
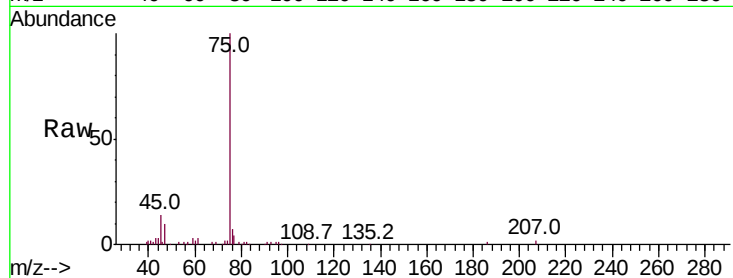
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 1557

Ion Ratio Lower Upper

43 100

72 11.9 23.1 34.7#



#29

Tetrahydrofuran

Concen: 1.195 ug/l

RT: 7.55 min Scan# 978

Delta R.T. 0.01 min

Lab File: VW005122.D

Acq: 05 Sep 2018 11:04

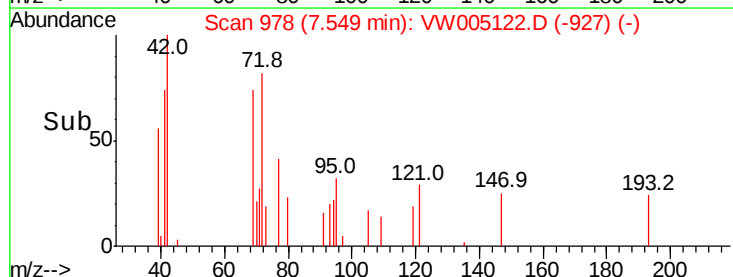
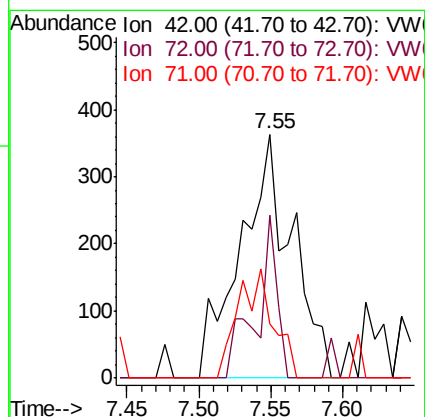
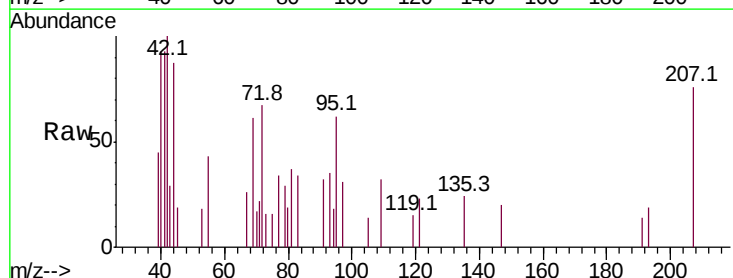
Tgt Ion: 42 Resp: 907

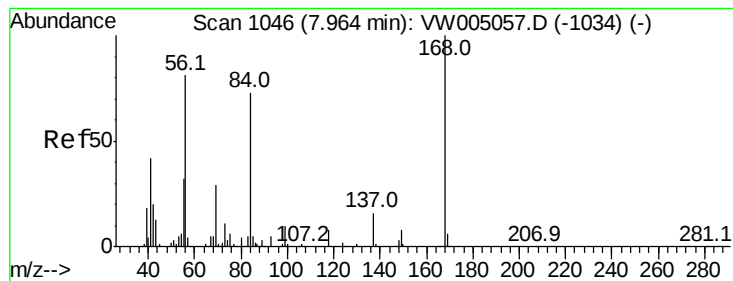
Ion Ratio Lower Upper

42 100

72 26.6 37.0 55.4#

71 30.7 35.0 52.6#





#31

Cyclohexane

Concen: 1.101 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW005122.D

Acq: 05 Sep 2018 11:04

Instrument :

MSVOA_W

ClientSampleId :

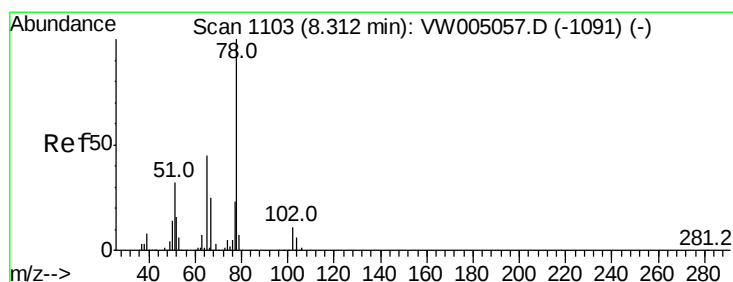
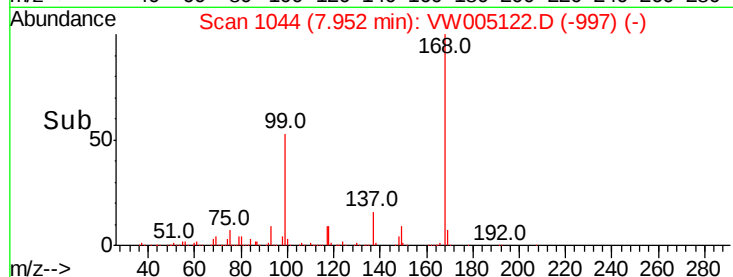
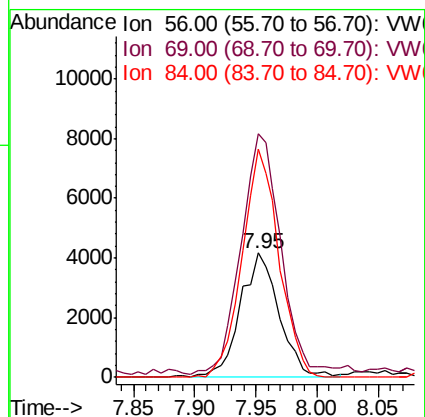
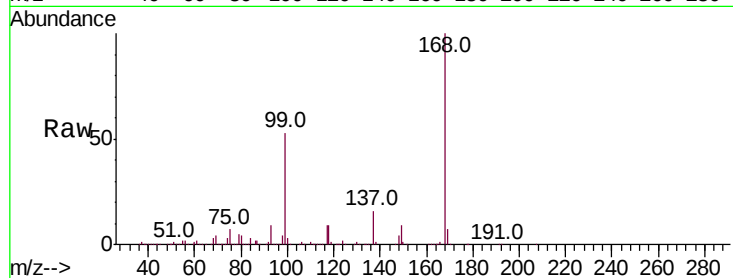
Tot Ion: 56 Resp: 9239

Ion Ratio Lower Upper

56 100

69 193.3 28.2 42.2#

84 183.6 71.8 107.8#



#33

1,2-Dichloroethane-d4

Concen: 39.868 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW005122.D

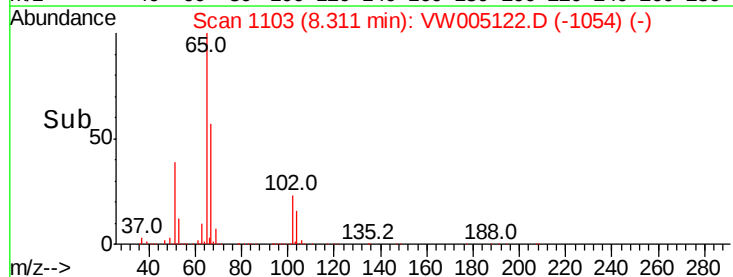
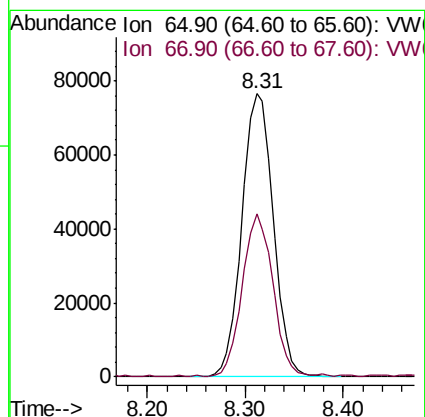
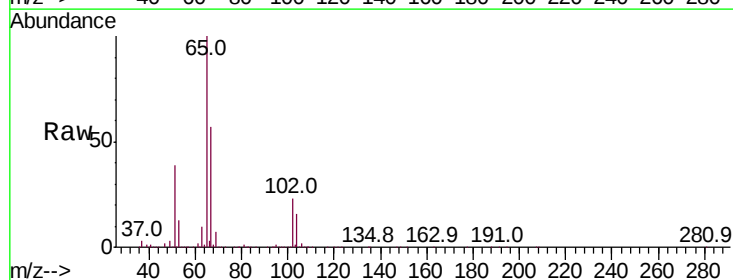
Acq: 05 Sep 2018 11:04

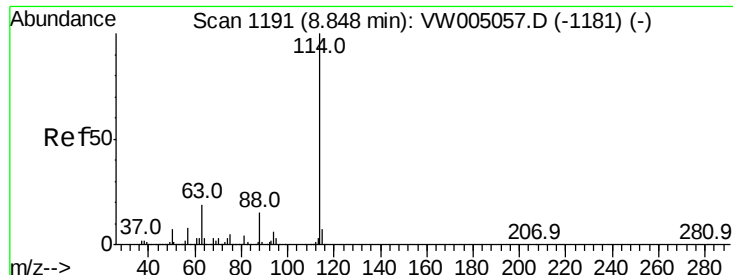
Tgt Ion: 65 Resp: 170293

Ion Ratio Lower Upper

65 100

67 56.1 0.0 109.4

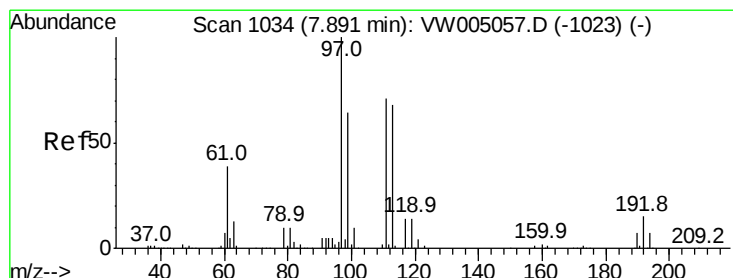
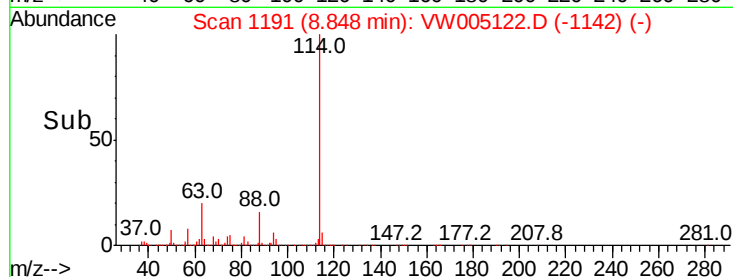
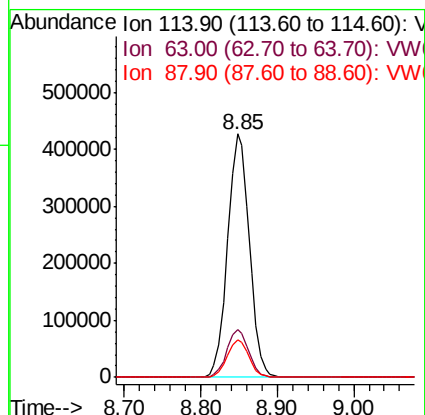
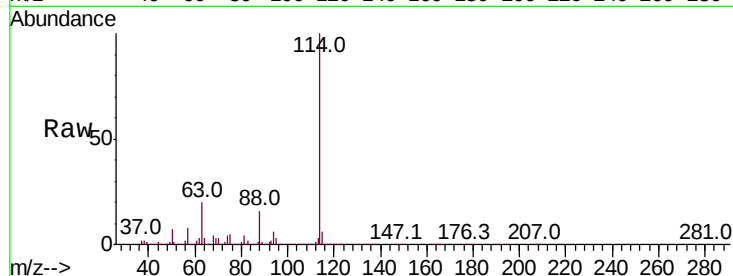




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005122.D
 Acq: 05 Sep 2018 11:04

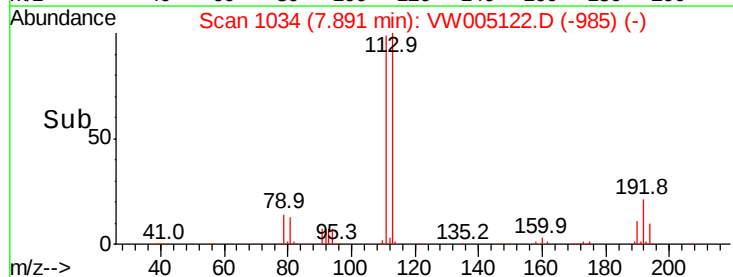
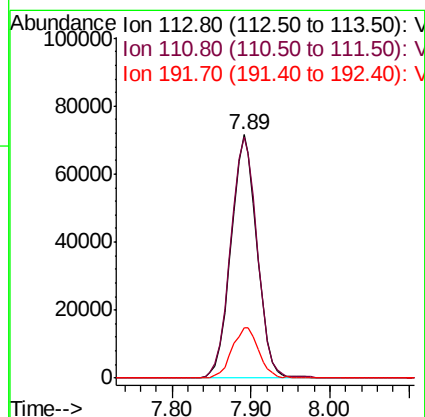
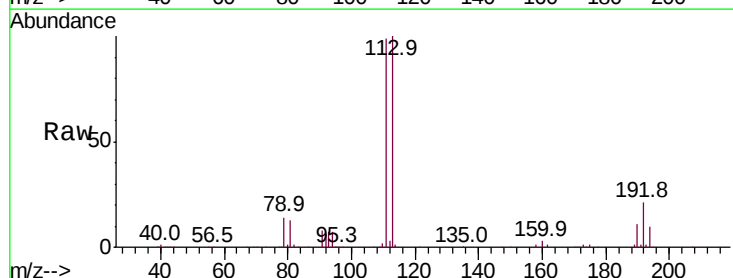
Instrument :
 MSVOA_W
 ClientSampled :

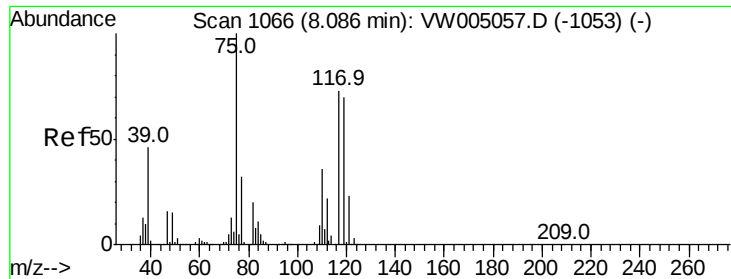
Tot Ion:114 Resp: 837243
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.0
 88 15.5 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 33.765 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005122.D
 Acq: 05 Sep 2018 11:04

Tgt Ion:113 Resp: 163365
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.2 123.2
 192 21.5 18.1 27.1





#36

1,1-Dichloropropene

Concen: 4.522 ug/l

RT: 7.96 min Scan# 1045

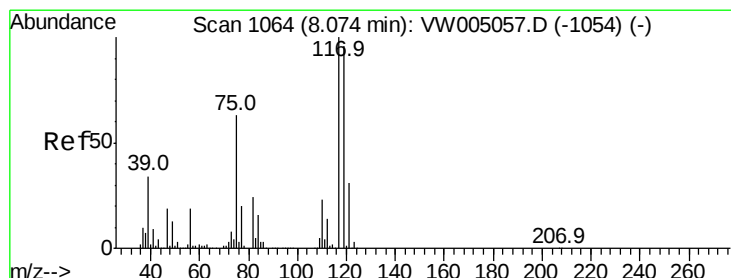
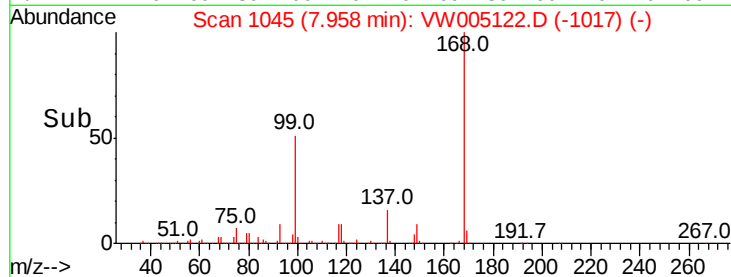
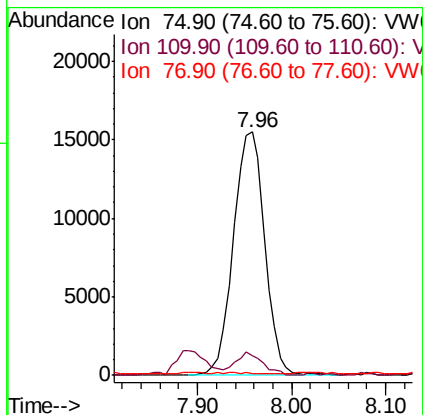
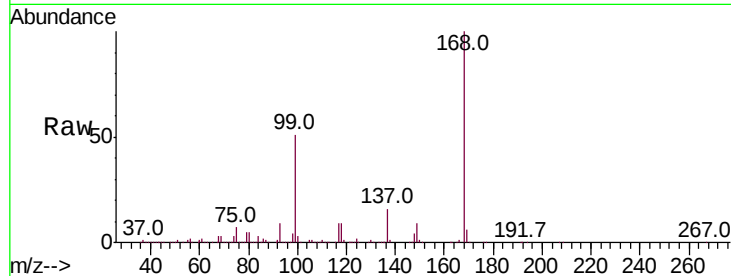
Delta R.T. -0.13 min

Lab File: VW005122.D

Acq: 05 Sep 2018 11:04

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	75	Resp:	36057
Ion Ratio	Lower	Upper	
75	100		
110	8.2	18.9	56.7#
77	0.3	25.5	38.3#



#38

Carbon Tetrachloride

Concen: 6.152 ug/l

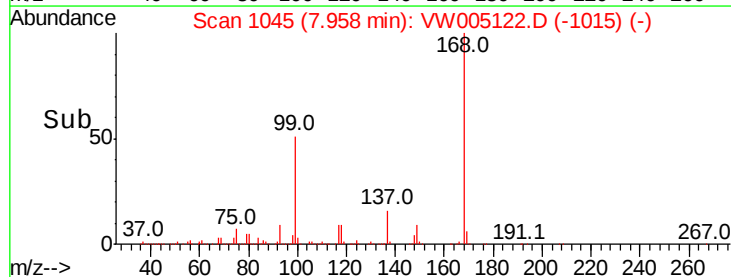
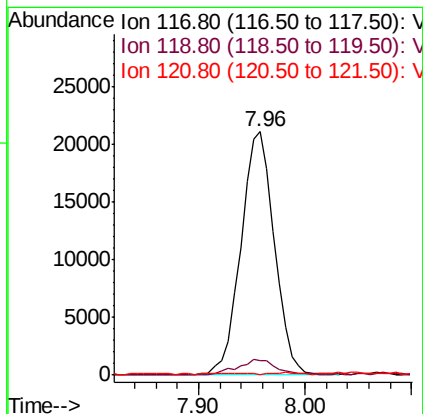
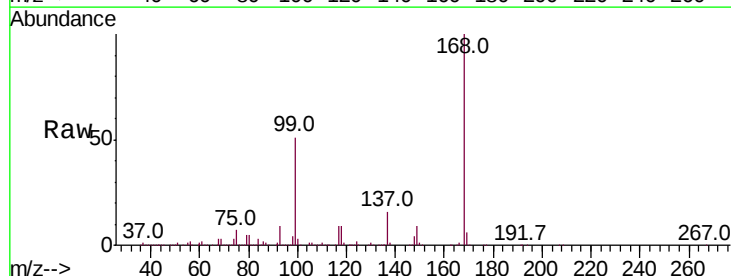
RT: 7.96 min Scan# 1045

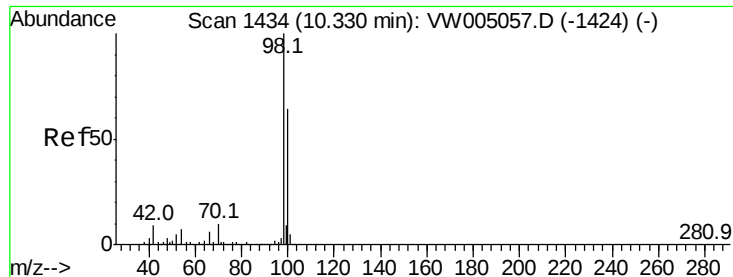
Delta R.T. -0.12 min

Lab File: VW005122.D

Acq: 05 Sep 2018 11:04

Tgt Ion:	117	Resp:	46640
Ion Ratio	Lower	Upper	
117	100		
119	5.9	76.6	115.0#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 24.170 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005122.D

Acq: 05 Sep 2018 11:04

Instrument :

MSVOA_W

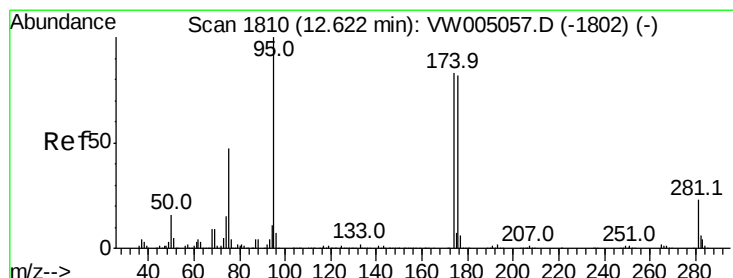
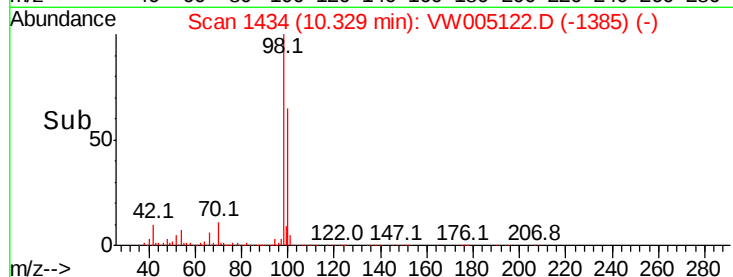
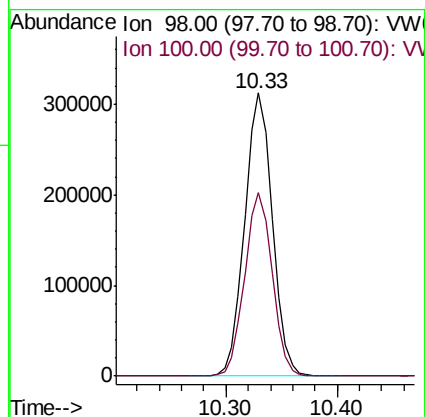
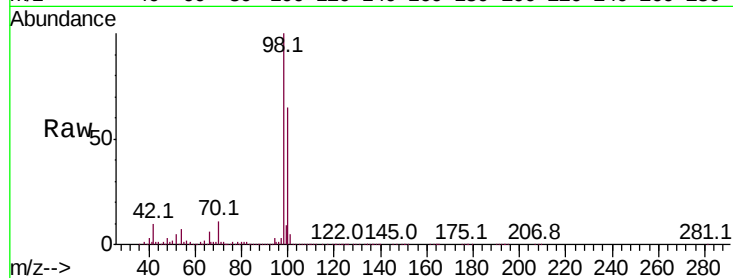
ClientSampleId :

Tot Ion: 98 Resp: 538837

Ion Ratio Lower Upper

98 100

100 64.9 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 22.819 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005122.D

Acq: 05 Sep 2018 11:04

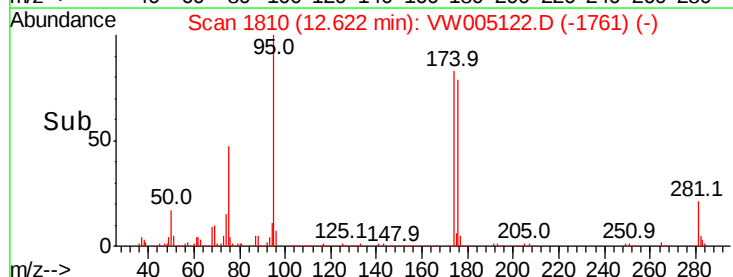
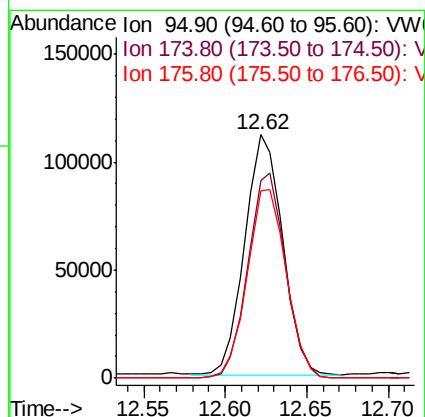
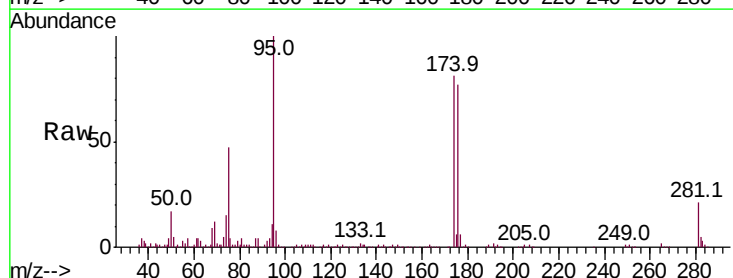
Tgt Ion: 95 Resp: 179384

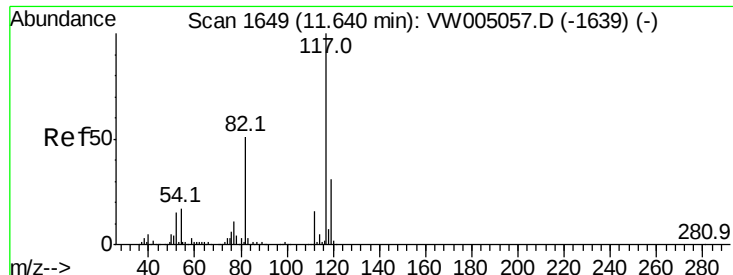
Ion Ratio Lower Upper

95 100

174 84.8 0.0 173.4

176 81.4 0.0 167.4

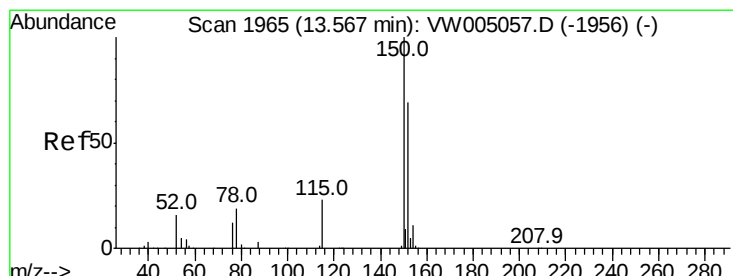
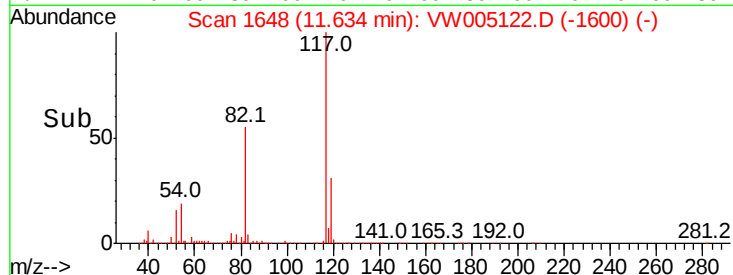
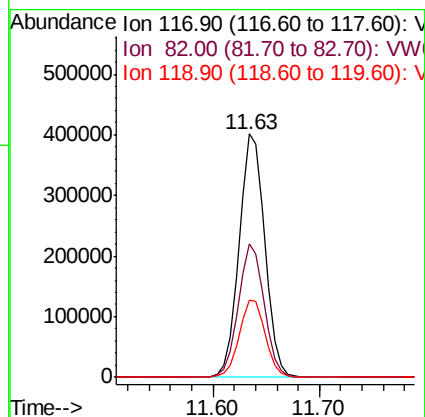
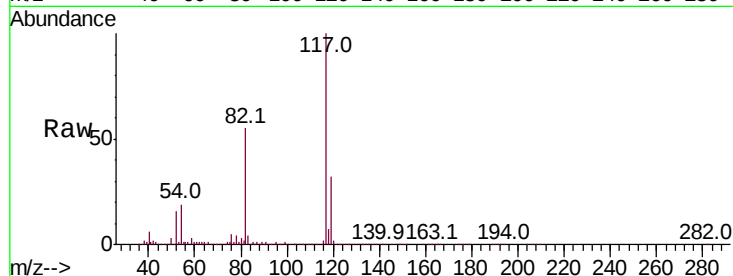




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005122.D
Acq: 05 Sep 2018 11:04

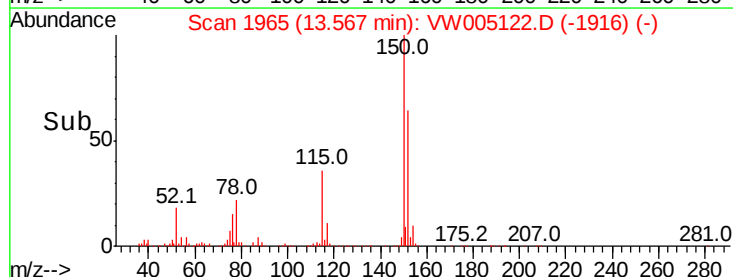
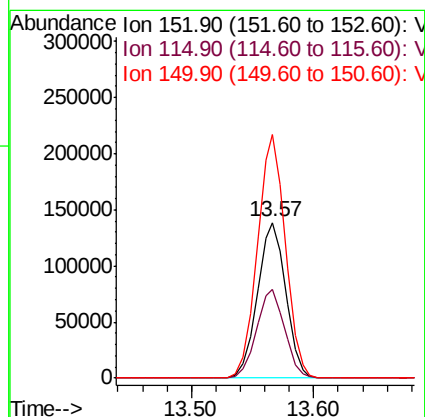
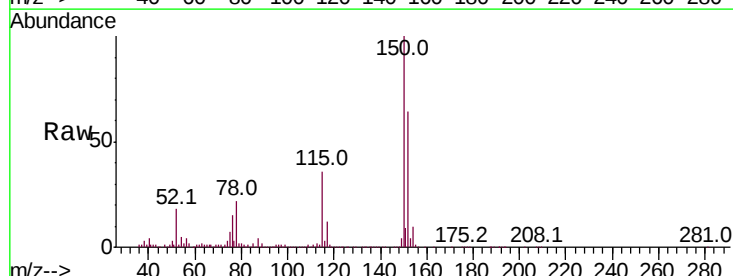
Instrument :
MSVOA_W
ClientSampled :

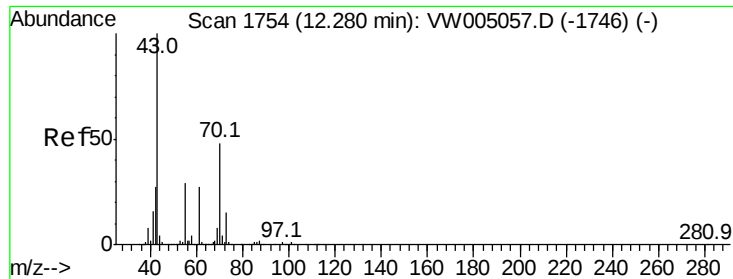
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	40.9	61.3
119	31.5	24.9	37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005122.D
Acq: 05 Sep 2018 11:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	27.8	83.4
150	154.1	0.0	351.4

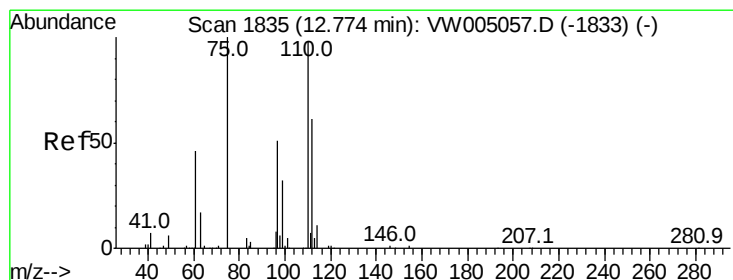
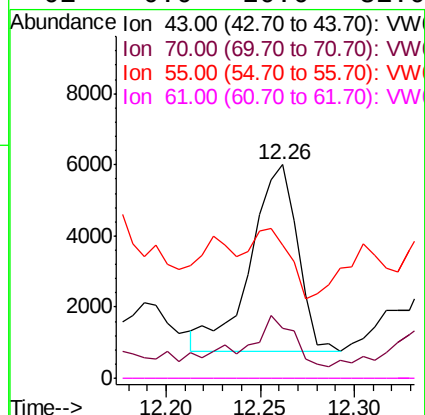
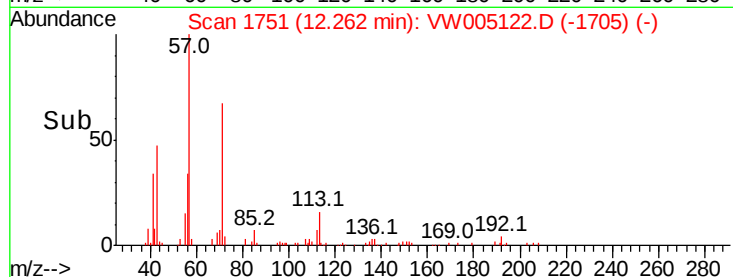
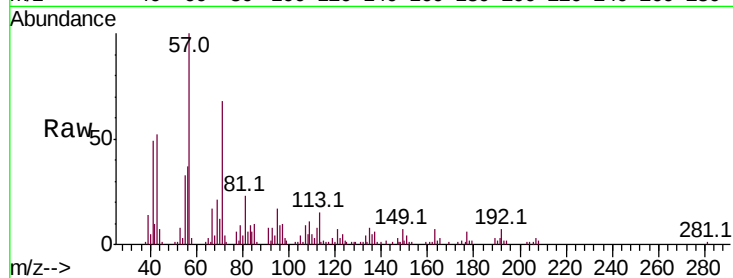




#74
N-amvl acetate
Concen: 3.385 ug/l
RT: 12.26 min Scan# 1751
Delta R.T. -0.02 min
Lab File: VW005122.D
Acq: 05 Sep 2018 11:04

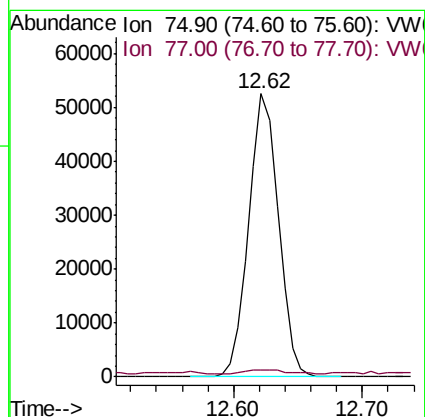
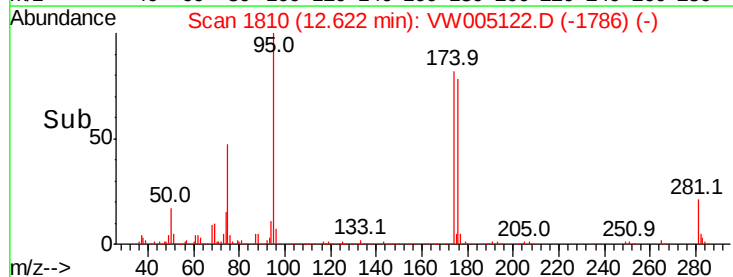
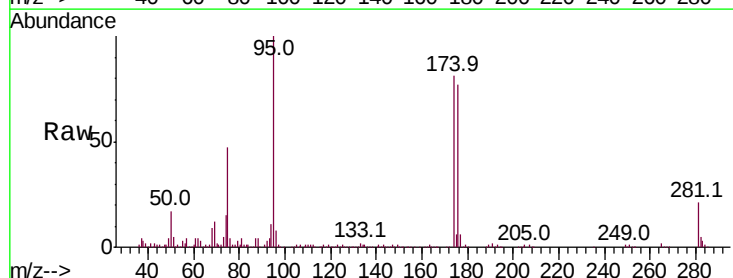
Instrument :
MSVOA_W
ClientSampled :

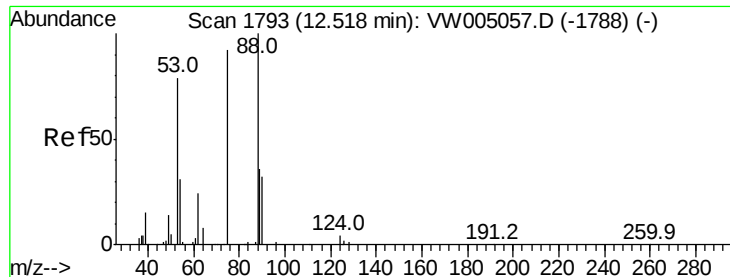
Tot Ion: 43 Resp: 9167
Ion Ratio Lower Upper
43 100
70 20.0 38.2 57.4#
55 27.3 23.2 34.8
61 0.0 20.6 31.0#



#76
1,2,3-Trichloropropane
Concen: 50.017 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW005122.D
Acq: 05 Sep 2018 11:04

Tgt Ion: 75 Resp: 83746
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#

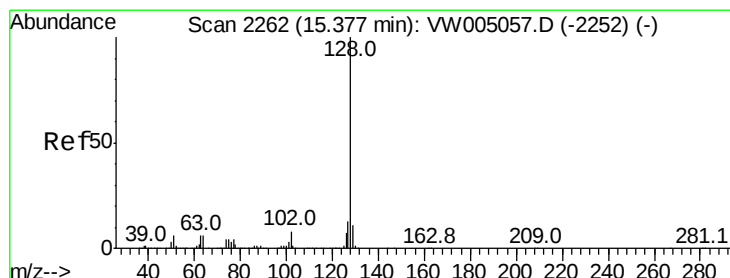
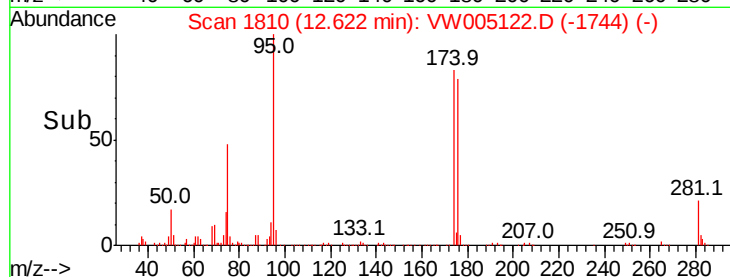
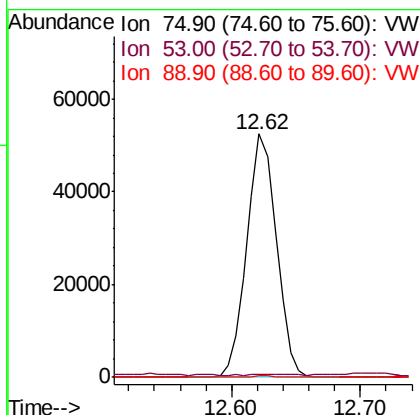
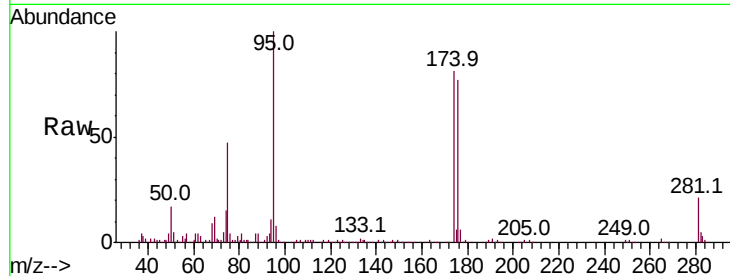




#81
trans-1,4-Dichloro-2-butene
Concen: 120.385 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW005122.D
Acq: 05 Sep 2018 11:04

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 83746
Ion Ratio Lower Upper
75 100
53 0.9 69.8 104.8#
89 0.6 36.0 54.0#



#95
Naphthalene
Concen: 4.092 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005122.D
Acq: 05 Sep 2018 11:04

Tgt Ion:128 Resp: 983
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 16.6 8.7 13.1#

