

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090518\
 Data File : VW005129.D
 Acq On : 05 Sep 2018 15:10
 Operator : SY/AP
 Sample : VW0905SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBL01

Quant Time: Sep 05 16:35:34 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	556421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	831182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	831140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	440224	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	256260	55.56	ug/l	0.00
Spiked Amount			Recovery	=	111.12%	
35) Dibromofluoromethane	7.89	113	246893	51.40	ug/l	0.00
Spiked Amount			Recovery	=	102.80%	
50) Toluene-d8	10.33	98	1137964	51.42	ug/l	0.00
Spiked Amount			Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.62	95	416282	53.34	ug/l	0.00
Spiked Amount			Recovery	=	106.68%	

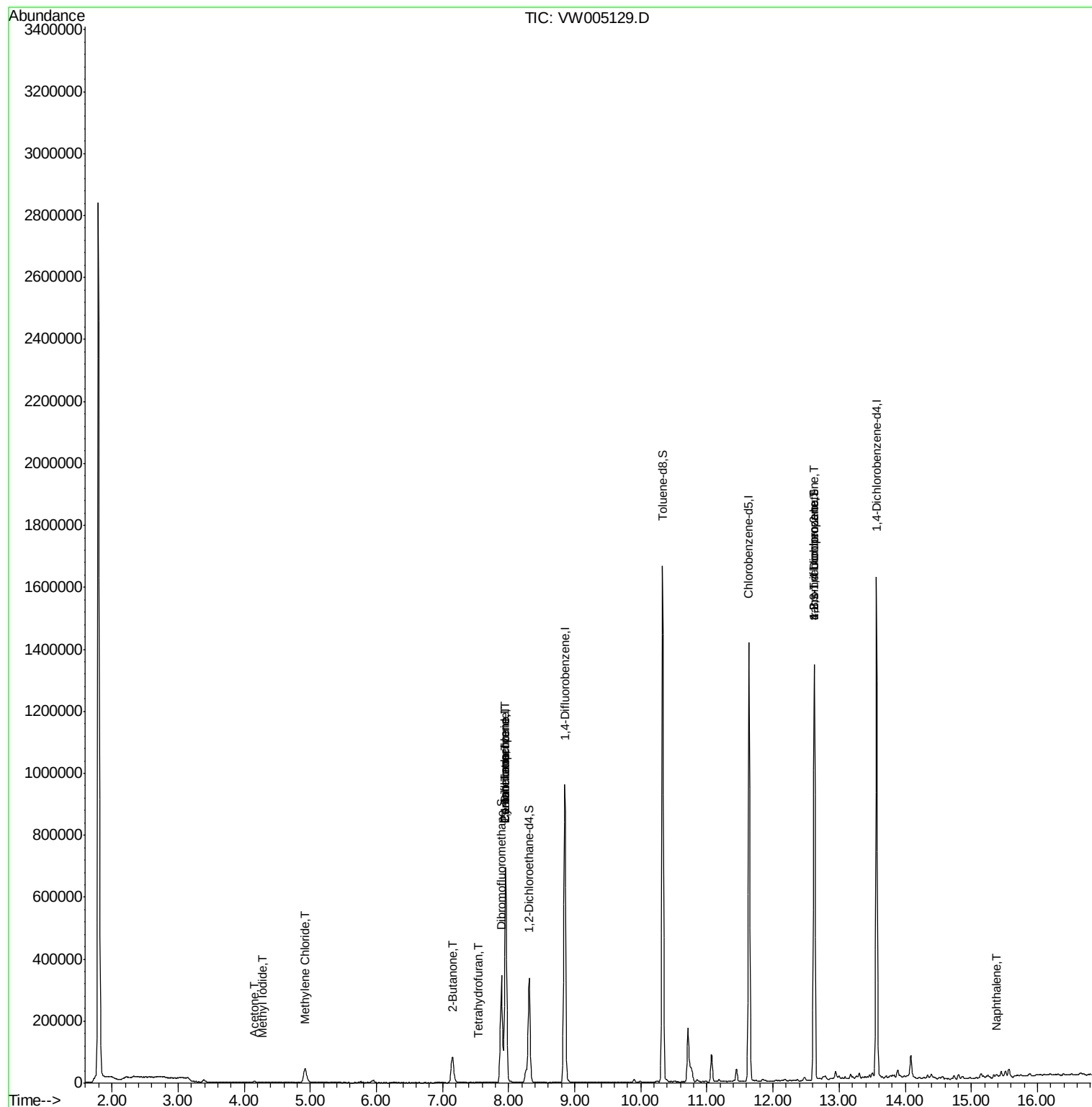
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.78	94	1042	Below Cal		86
10) Methyl Iodide	4.28	142	1664	4.03 ug/l	#	94
11) Tert butyl alcohol	5.25	59	125	Below Cal	#	72
16) Acetone	4.15	43	6200	6.70 ug/l		88
20) Methylene Chloride	4.92	84	37090	2.21 ug/l		98
25) 2-Butanone	7.15	43	4349	2.71 ug/l	#	85
29) Tetrahydrofuran	7.55	42	1450	1.77 ug/l	#	72
31) Cyclohexane	7.95	56	9954	1.10 ug/l	#	1
36) 1,1-Dichloropropene	7.96	75	37811	4.78 ug/l	#	47
38) Carbon Tetrachloride	7.95	117	51312	6.82 ug/l	#	16
76) 1,2,3-Trichloropropane	12.62	75	195059	59.03 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.62	75	195059	142.08 ug/l	#	15
95) Naphthalene	15.38	128	11034	4.62 ug/l	#	92

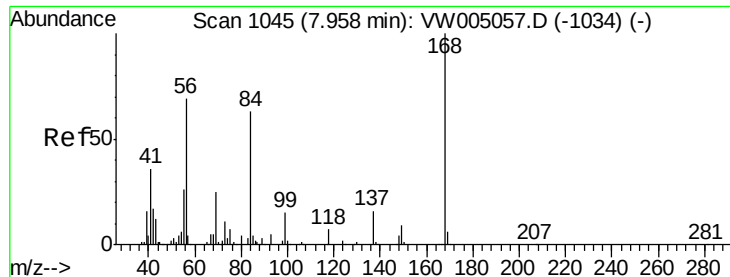
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090518\
Data File : VW005129.D
Acq On : 05 Sep 2018 15:10
Operator : SY/AP
Sample : VW0905SBL01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBL01

Quant Time: Sep 05 16:06:25 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: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005129.D

Acq: 05 Sep 2018 15:10

Instrument :

MSVOA_W

ClientSampleId :

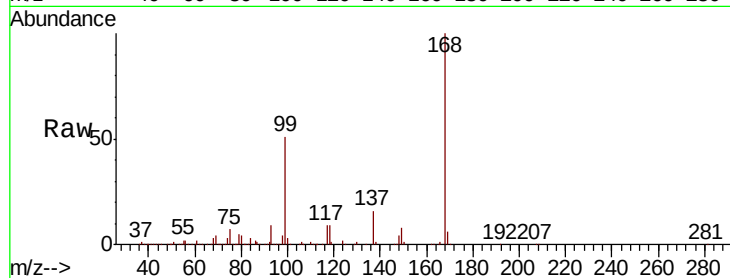
VW0905SBL01

Tot Ion:168 Resp: 556421

Ion Ratio Lower Upper

168 100

99 51.0 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

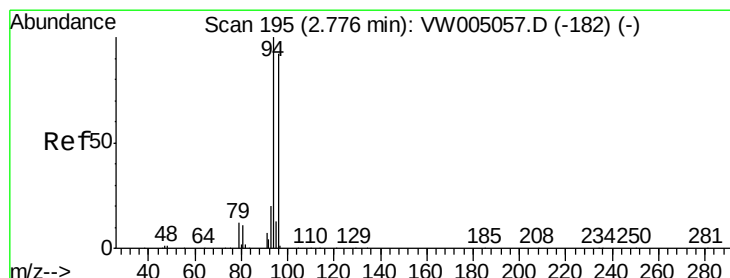
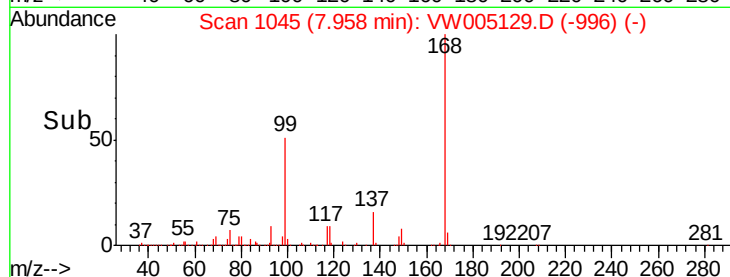
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VW005129.D

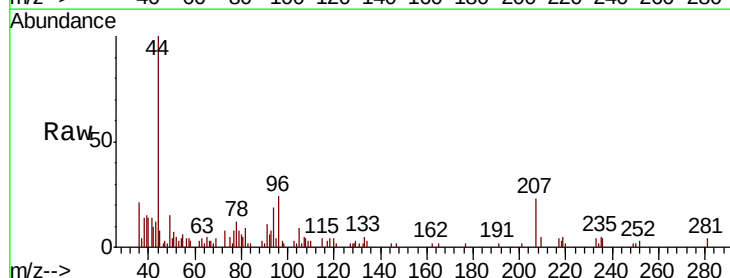
Acq: 05 Sep 2018 15:10

Tgt Ion: 94 Resp: 1042

Ion Ratio Lower Upper

94 100

96 105.2 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

800

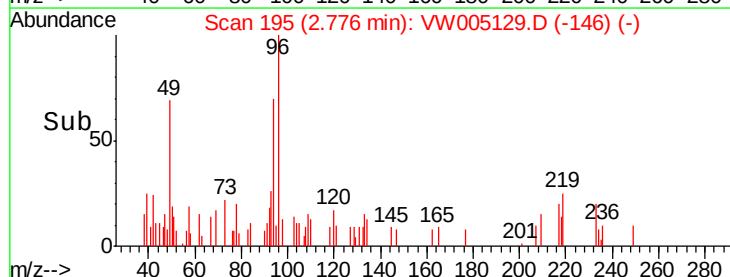
600

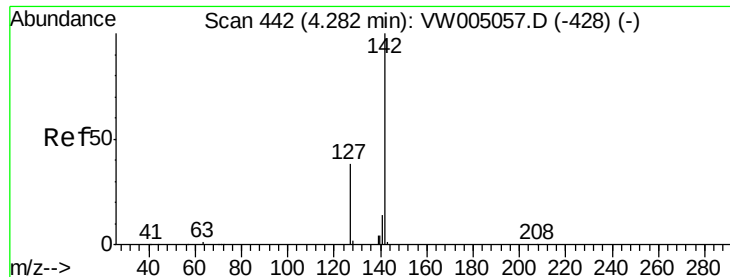
400

200

0

Time-->

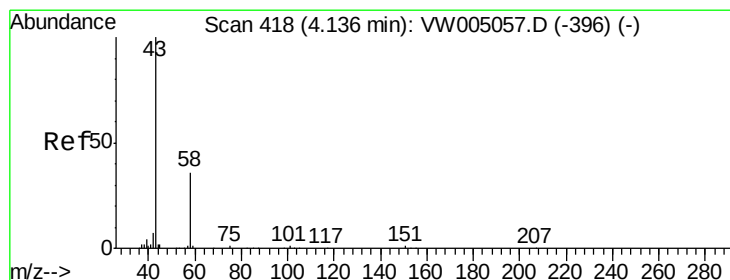
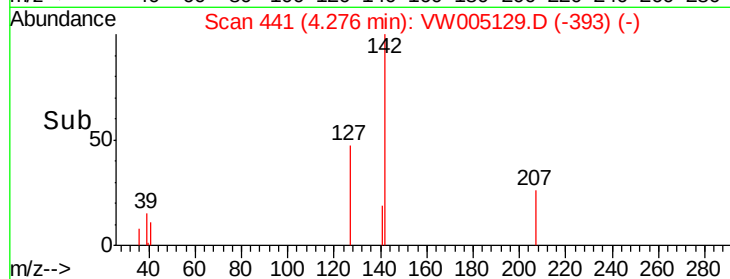
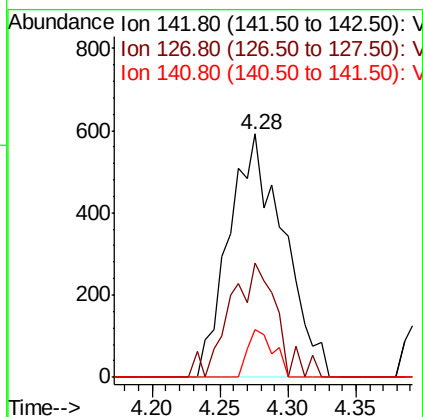
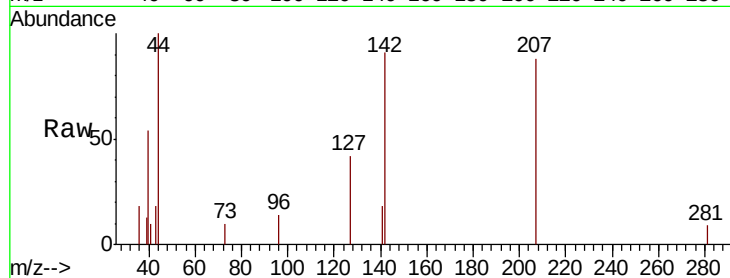




#10
Methvl Iodide
Concen: 4.03 ug/l
RT: 4.28 min Scan# 441
Delta R.T. -0.01 min
Lab File: VW005129.D
Acq: 05 Sep 2018 15:10

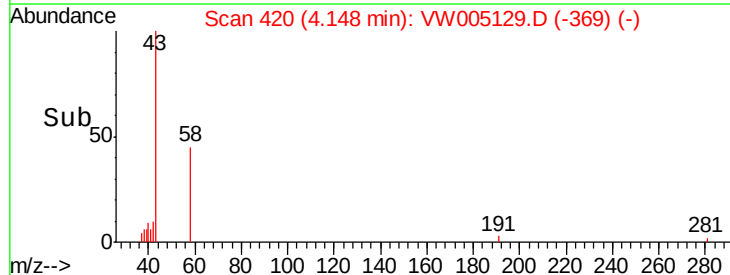
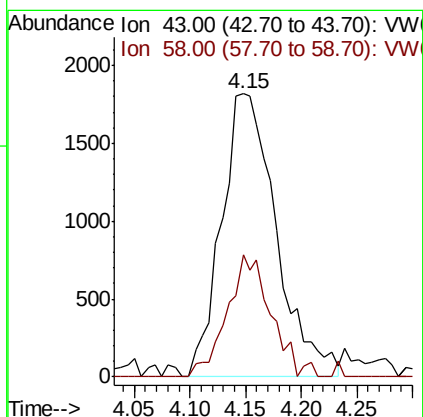
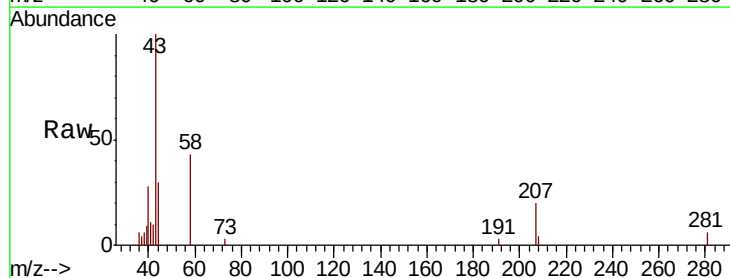
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBL01

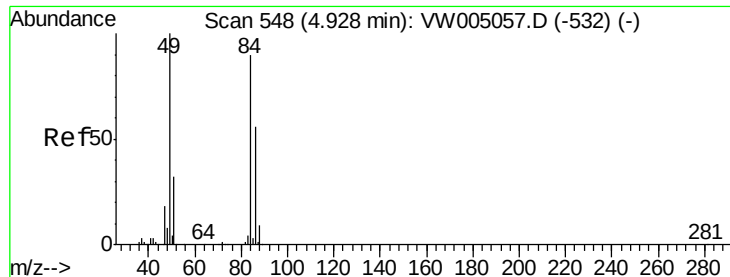
Tot Ion	Ratio	Lower	Upper
142	100		
127	40.5	30.8	46.2
141	9.1	11.6	17.4#



#16
Acetone
Concen: 6.70 ug/l
RT: 4.15 min Scan# 420
Delta R.T. 0.01 min
Lab File: VW005129.D
Acq: 05 Sep 2018 15:10

Tgt Ion	Ratio	Lower	Upper
43	100		
58	43.3	29.0	43.6

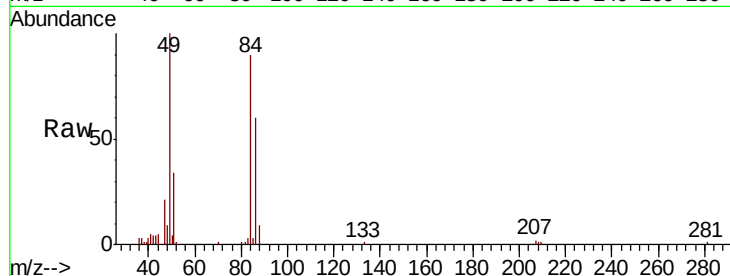




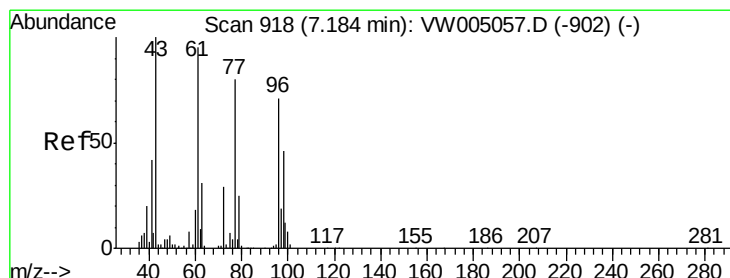
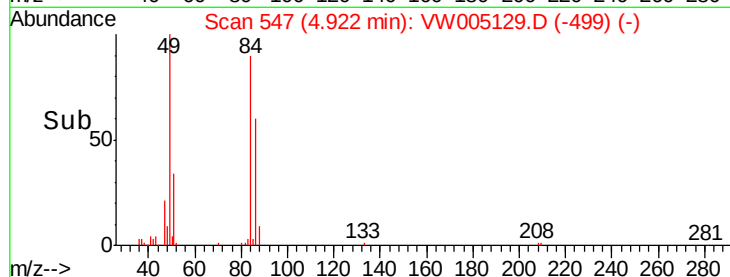
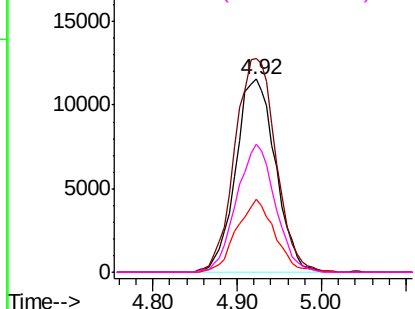
#20
Methylene Chloride
Concen: 2.21 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW005129.D
Acq: 05 Sep 2018 15:10

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBL01

Tot Ion: 84 Resp: 37090
Ion Ratio Lower Upper
84 100
49 110.8 88.7 133.1
51 37.8 28.6 42.8
86 66.1 49.4 74.2

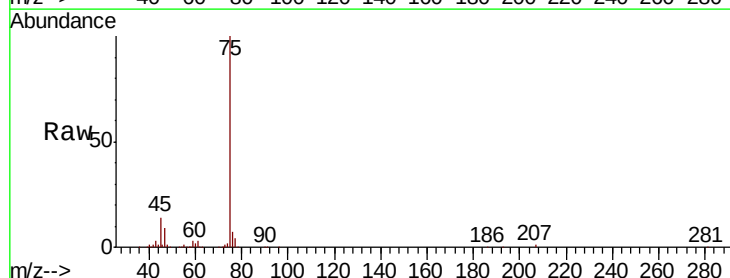


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

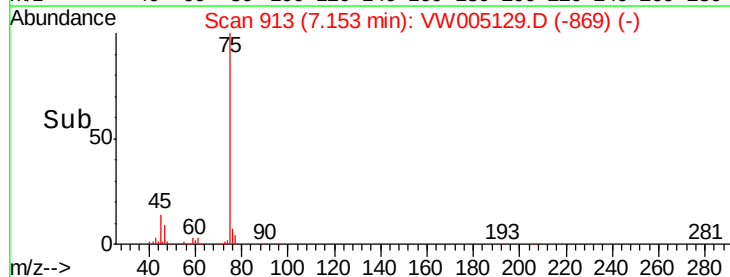
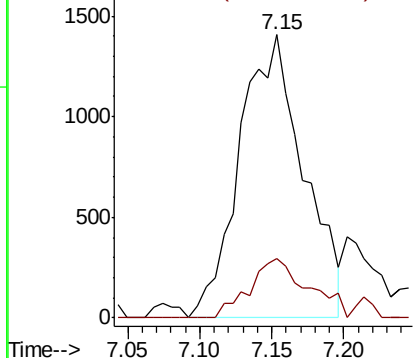


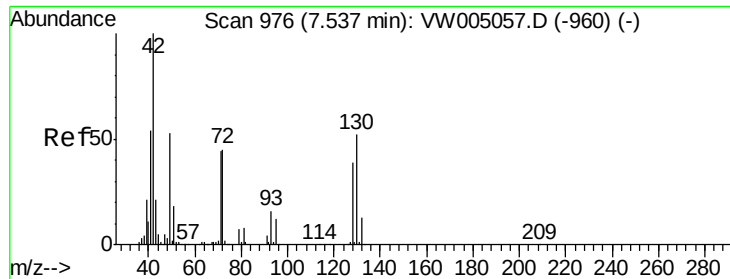
#25
2-Butanone
Concen: 2.71 ug/l
RT: 7.15 min Scan# 913
Delta R.T. -0.03 min
Lab File: VW005129.D
Acq: 05 Sep 2018 15:10

Tgt Ion: 43 Resp: 4349
Ion Ratio Lower Upper
43 100
72 21.0 23.1 34.7#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#29

Tetrahydrofuran

Concen: 1.77 ug/l

RT: 7.55 min Scan# 978

Delta R.T. 0.01 min

Lab File: VW005129.D

Acq: 05 Sep 2018 15:10

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBL01

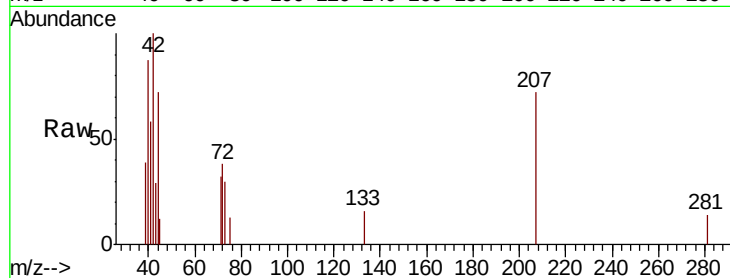
Tot Ion: 42 Resp: 1450

Ion Ratio Lower Upper

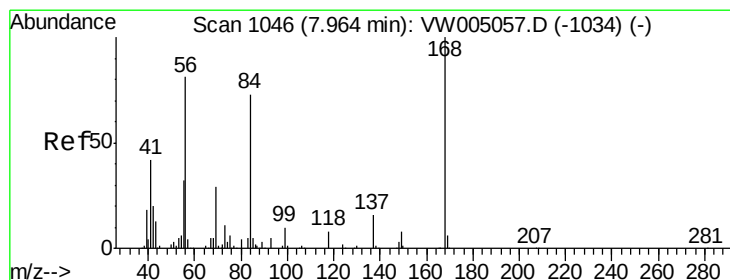
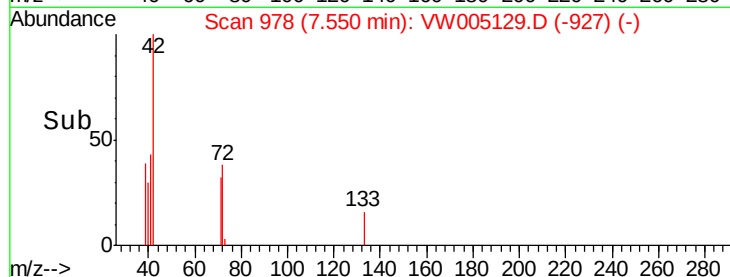
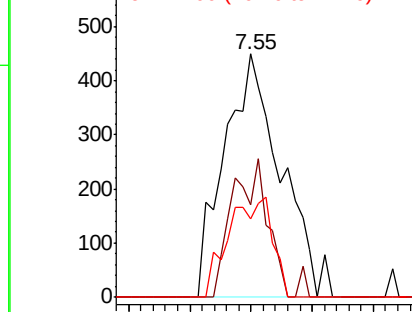
42 100

72 35.2 37.0 55.4#

71 18.6 35.0 52.6#



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



#31

Cyclohexane

Concen: 1.10 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW005129.D

Acq: 05 Sep 2018 15:10

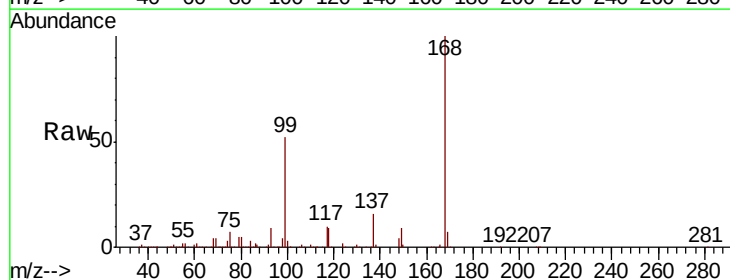
Tgt Ion: 56 Resp: 9954

Ion Ratio Lower Upper

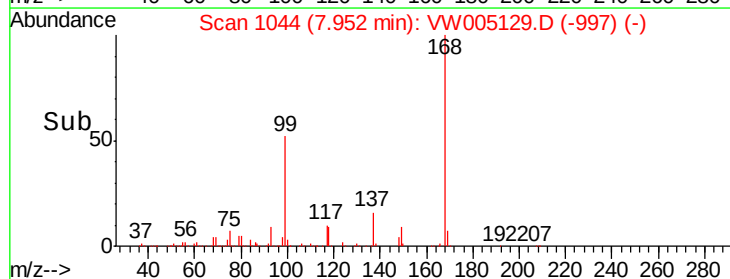
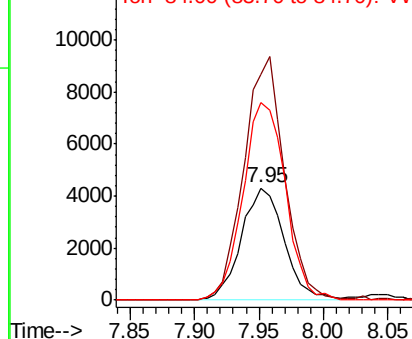
56 100

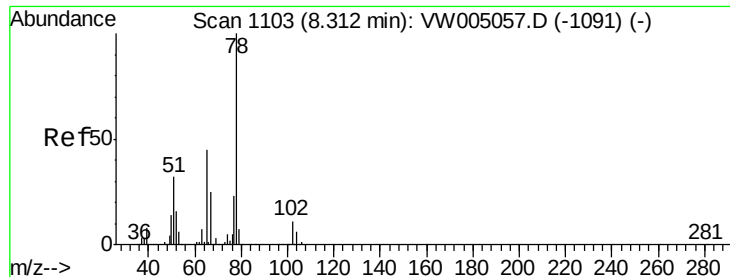
69 202.0 28.2 42.2#

84 176.4 71.8 107.8#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

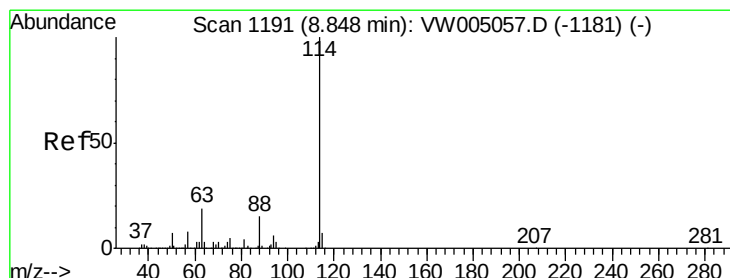
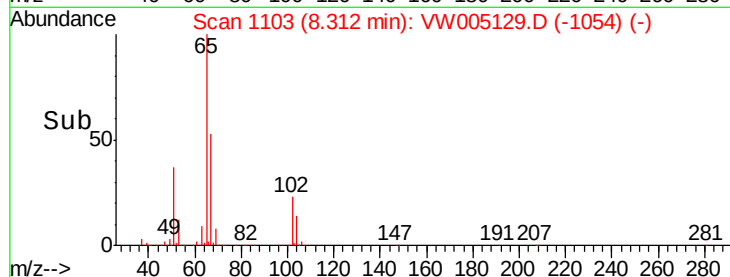
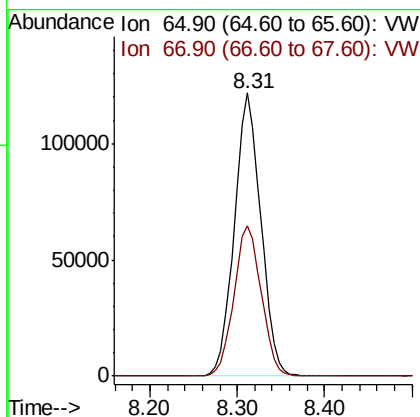
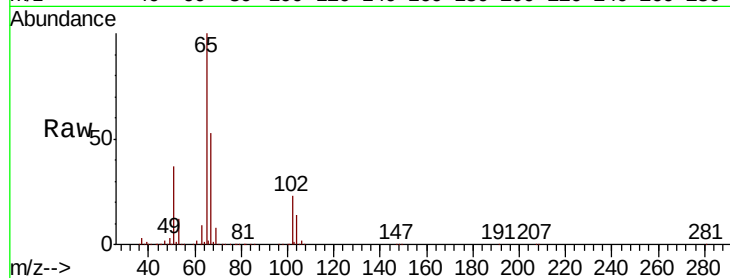




#33
 1,2-Dichloroethane-d4
 Concen: 55.56 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005129.D
 Acq: 05 Sep 2018 15:10

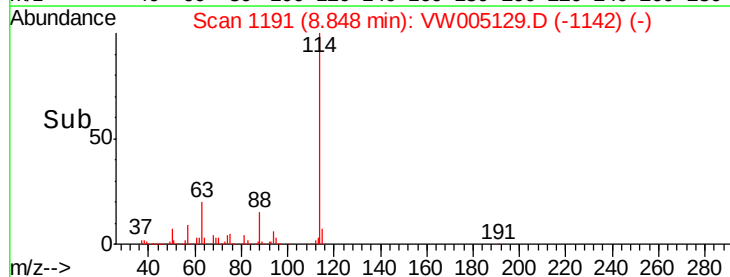
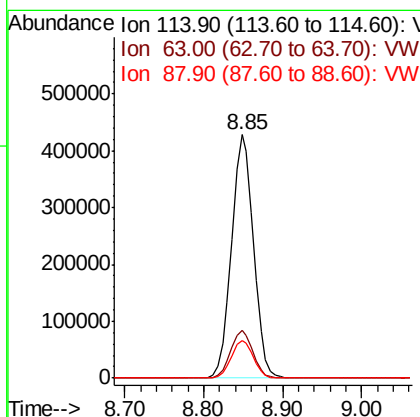
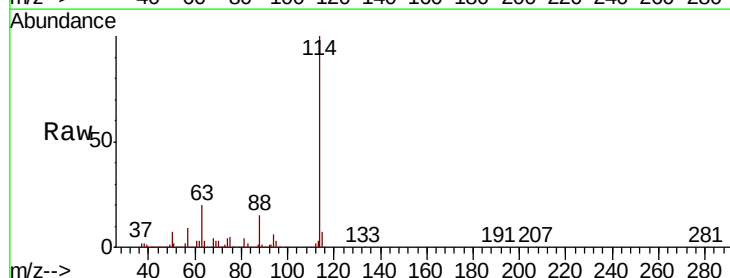
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBL01

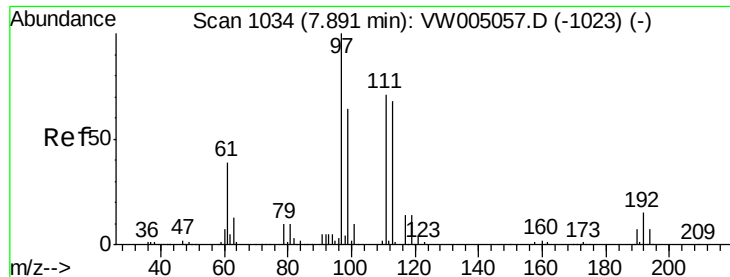
Tot Ion: 65 Resp: 256260
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005129.D
 Acq: 05 Sep 2018 15:10

Tgt Ion: 114 Resp: 831182
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.0
 88 15.4 0.0 30.2

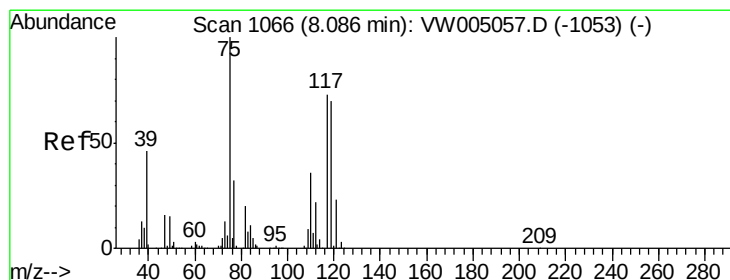
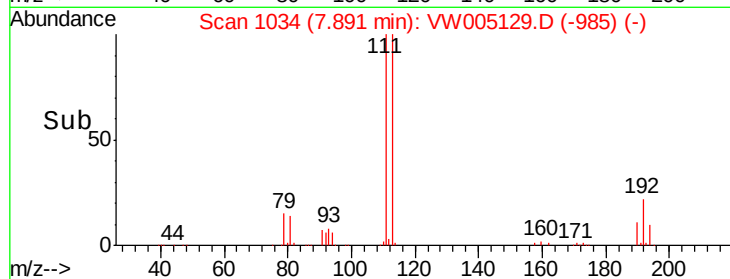
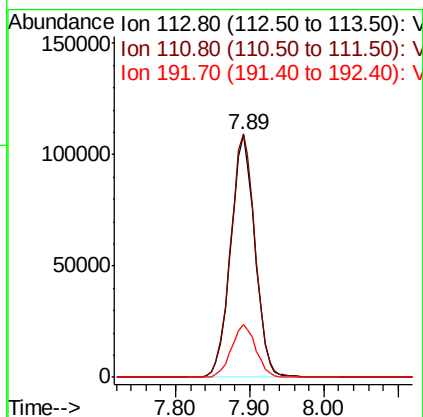
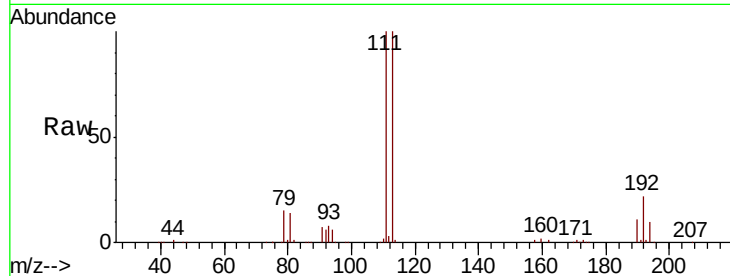




#35
 Dibromofluoromethane
 Concen: 51.40 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005129.D
 Acq: 05 Sep 2018 15:10

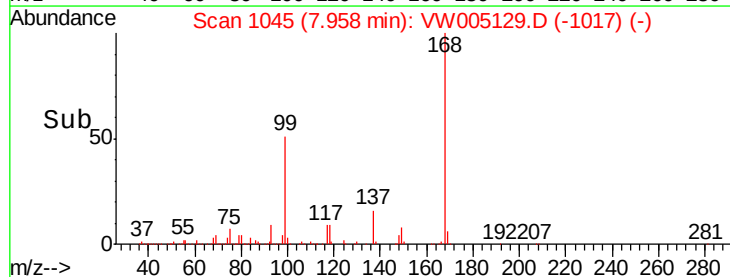
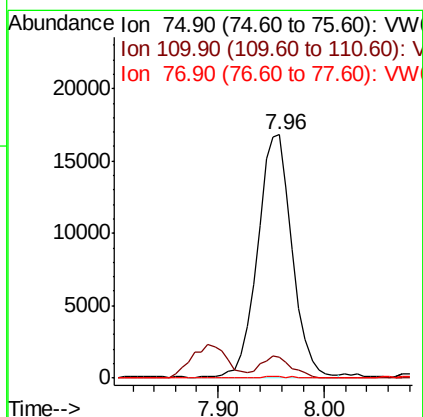
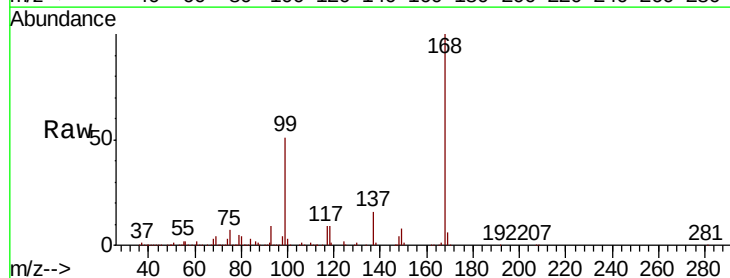
Instrument :
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 ClientSampleId :
 VW0905SBL01

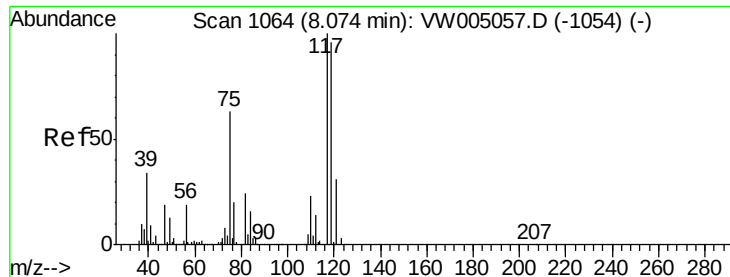
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.2
192	21.9	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 4.78 ug/l
 RT: 7.96 min Scan# 1045
 Delta R.T. -0.13 min
 Lab File: VW005129.D
 Acq: 05 Sep 2018 15:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.9	56.7#
77	0.5	25.5	38.3#





#38

Carbon Tetrachloride

Concen: 6.82 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW005129.D

Acq: 05 Sep 2018 15:10

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBL01

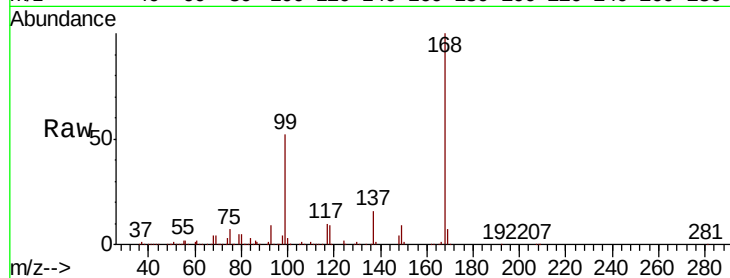
Tot Ion:117 Resp: 51312

Ion Ratio Lower Upper

117 100

119 5.2 76.6 115.0#

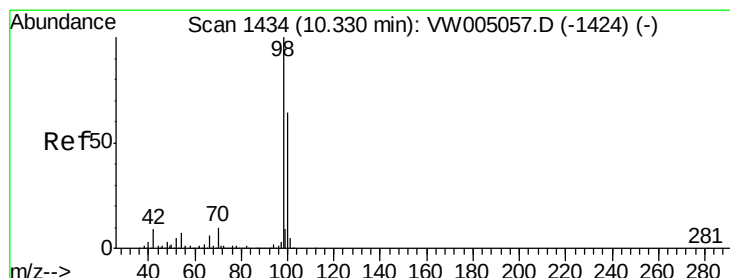
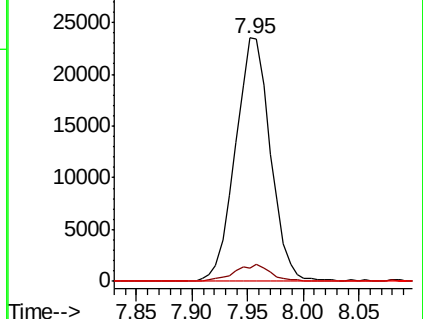
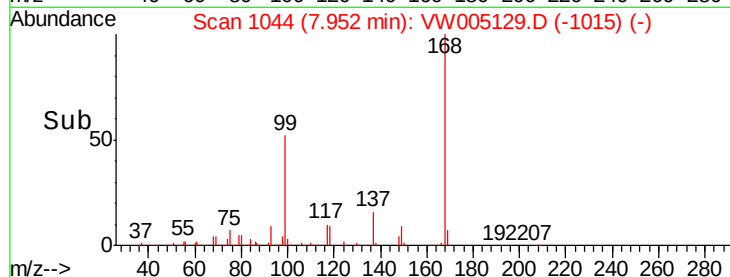
121 0.0 24.8 37.2#



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: 51.42 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005129.D

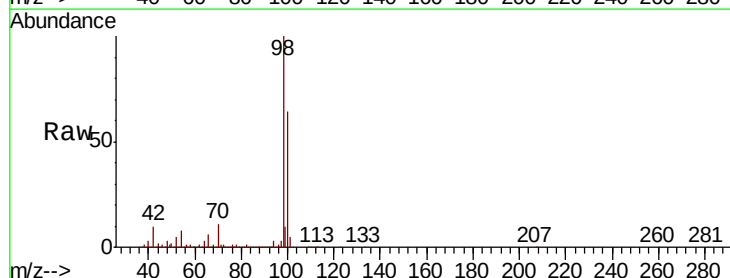
Acq: 05 Sep 2018 15:10

Tgt Ion: 98 Resp: 1137964

Ion Ratio Lower Upper

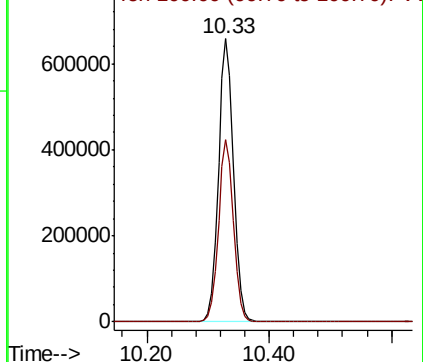
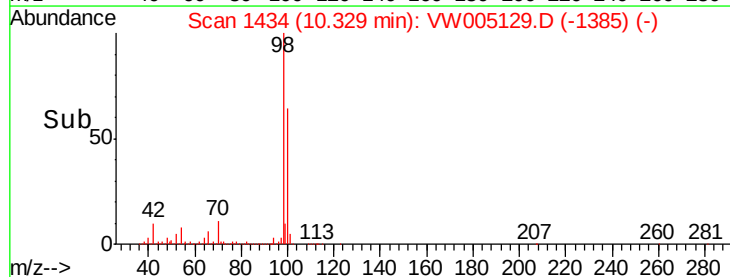
98 100

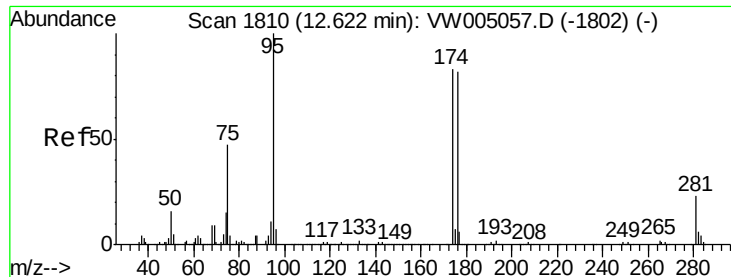
100 64.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

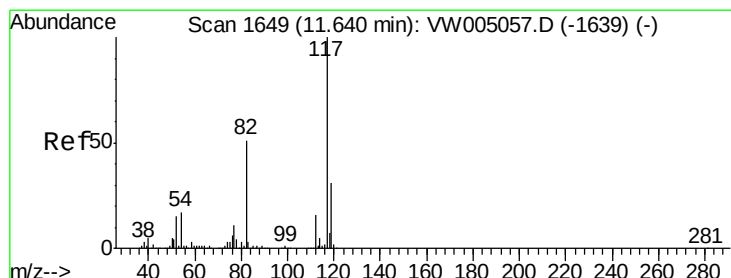
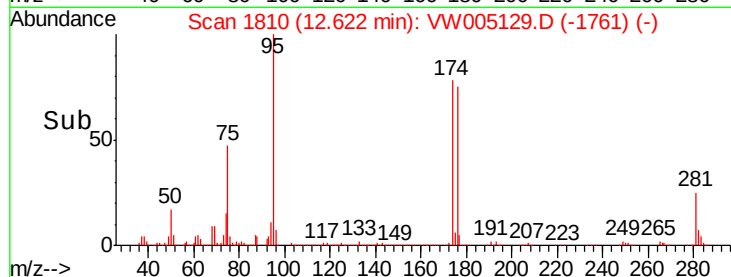
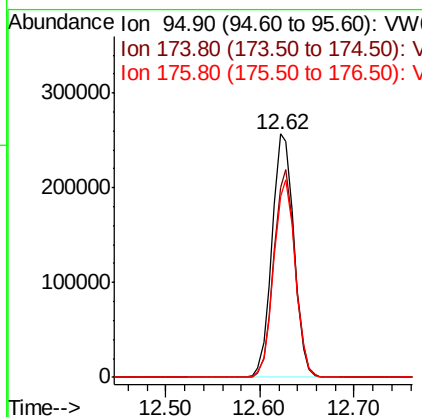
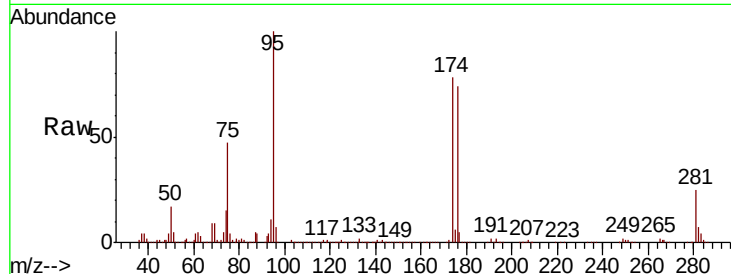




#62
4-Bromofluorobenzene
Concen: 53.34 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW005129.D
Acq: 05 Sep 2018 15:10

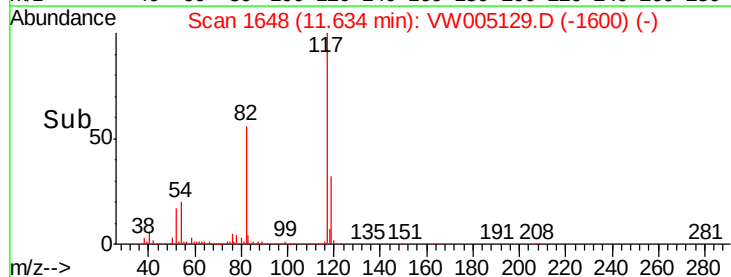
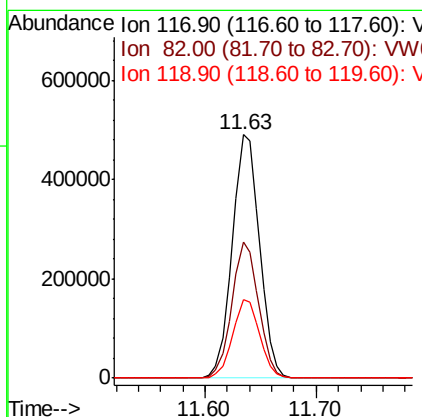
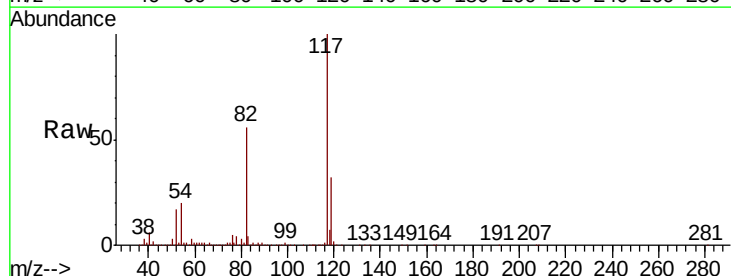
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBL01

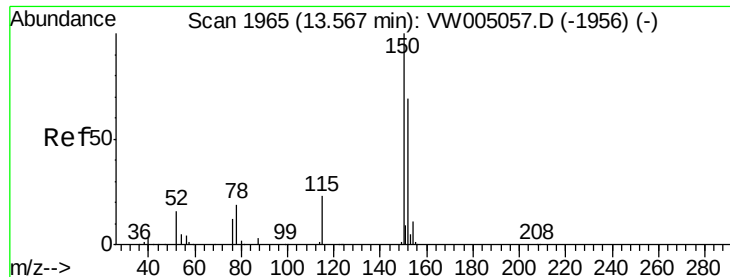
Tot Ion	Ratio	Lower	Upper
95	100		
174	83.4	0.0	173.4
176	80.2	0.0	167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005129.D
Acq: 05 Sep 2018 15:10

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.8	40.9	61.3
119	32.4	24.9	37.3

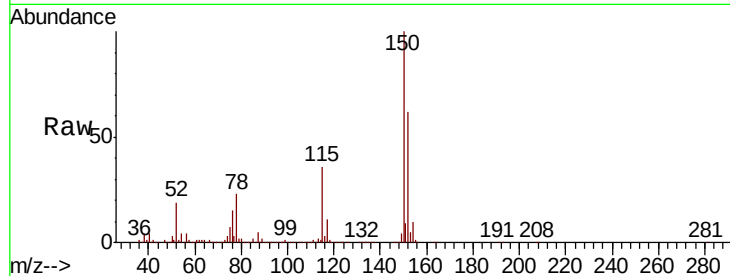




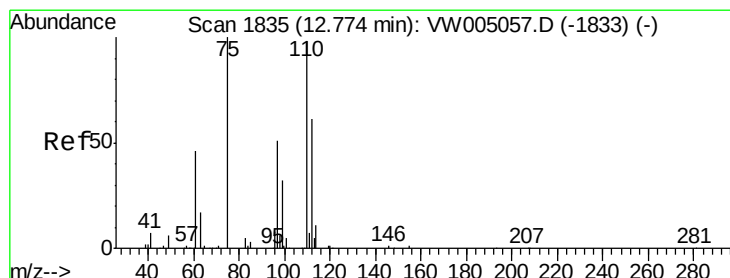
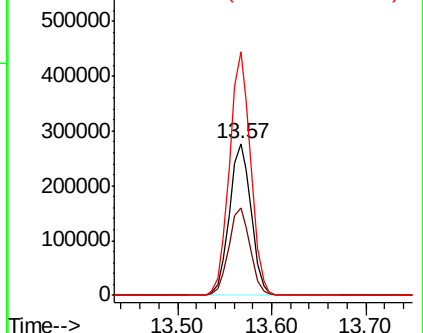
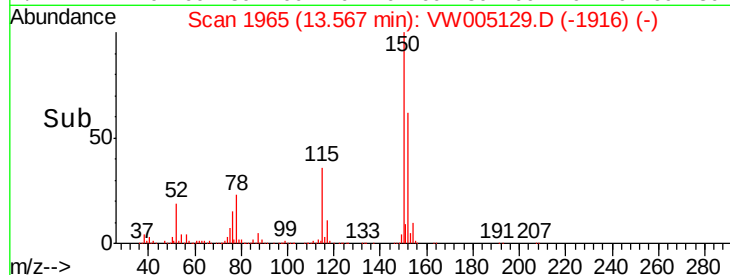
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: VW005129.D
 Acq: 05 Sep 2018 15:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBL01

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.5	27.8	83.4
150	156.5	0.0	351.4

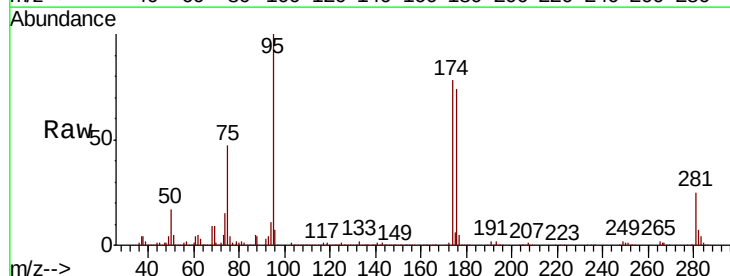


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

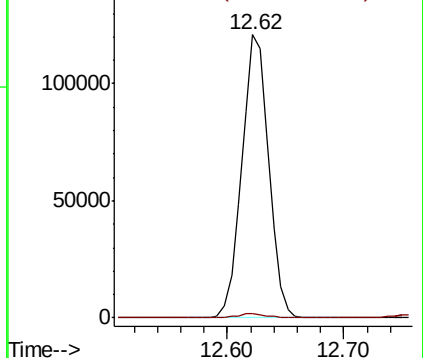
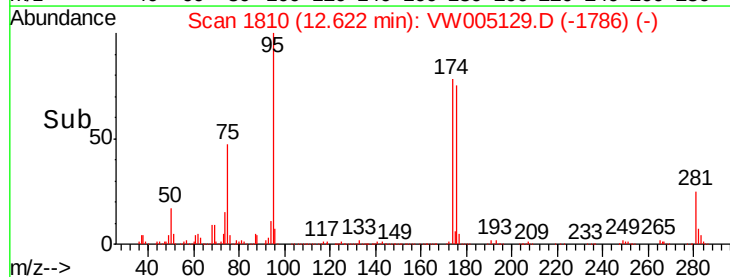


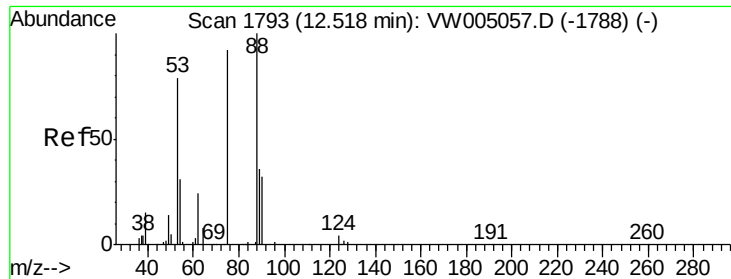
#76
 1,2,3-Trichloropropane
 Concen: 59.03 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW005129.D
 Acq: 05 Sep 2018 15:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	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: 142.08 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW005129.D

Acq: 05 Sep 2018 15:10

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBL01

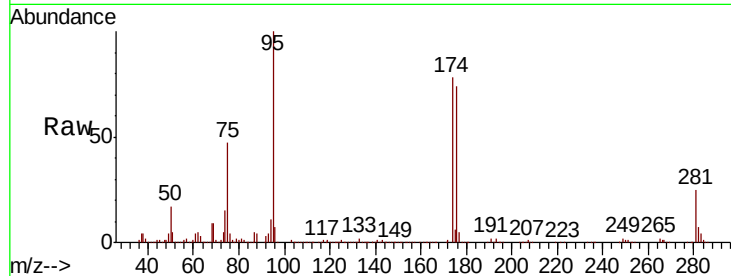
Tot Ion: 75 Resp: 195059

Ion Ratio Lower Upper

75 100

53 0.3 69.8 104.8#

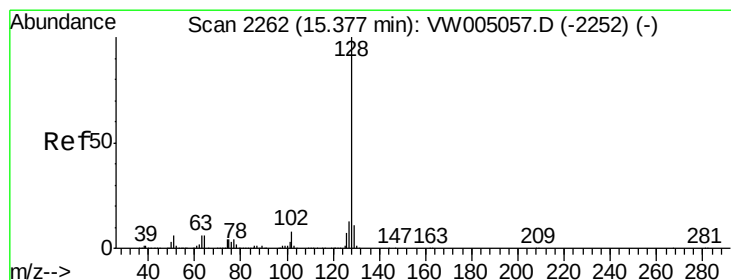
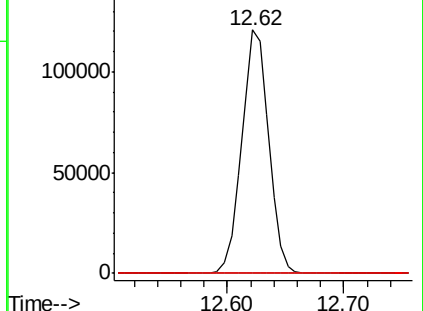
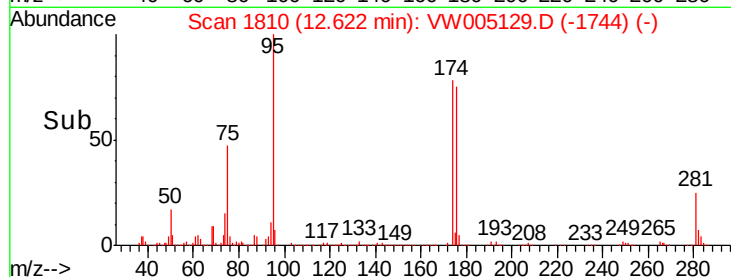
89 0.1 36.0 54.0#



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



#95

Naphthalene

Concen: 4.62 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW005129.D

Acq: 05 Sep 2018 15:10

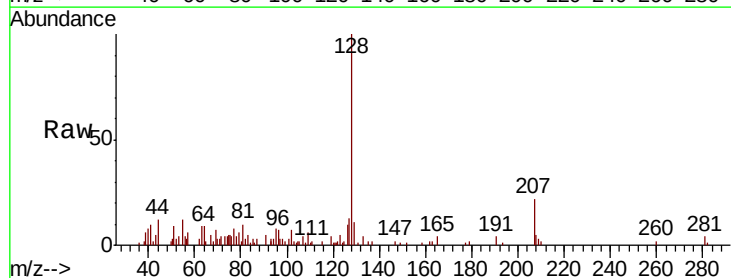
Tgt Ion: 128 Resp: 11034

Ion Ratio Lower Upper

128 100

127 16.6 10.4 15.6#

129 13.4 8.7 13.1#



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

