

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090718\
 Data File : VW005218.D
 Acq On : 07 Sep 2018 19:06
 Operator : SY/AP
 Sample : J4774-01
 Misc : 6.68G/5ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-03-090618

Quant Time: Sep 08 01:20:59 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	506344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	783762	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	749943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	361416	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.32	65	151951	36.20	ug/l	0.00
Spiked Amount 50.000			Recovery =	72.40%		
35) Dibromofluoromethane	7.89	113	137051	30.26	ug/l	0.00
Spiked Amount 50.000			Recovery =	60.52%		
50) Toluene-d8	10.33	98	640461	30.69	ug/l	0.00
Spiked Amount 50.000			Recovery =	61.38%		
62) 4-Bromofluorobenzene	12.63	95	220225	29.93	ug/l	0.00
Spiked Amount 50.000			Recovery =	59.86%		

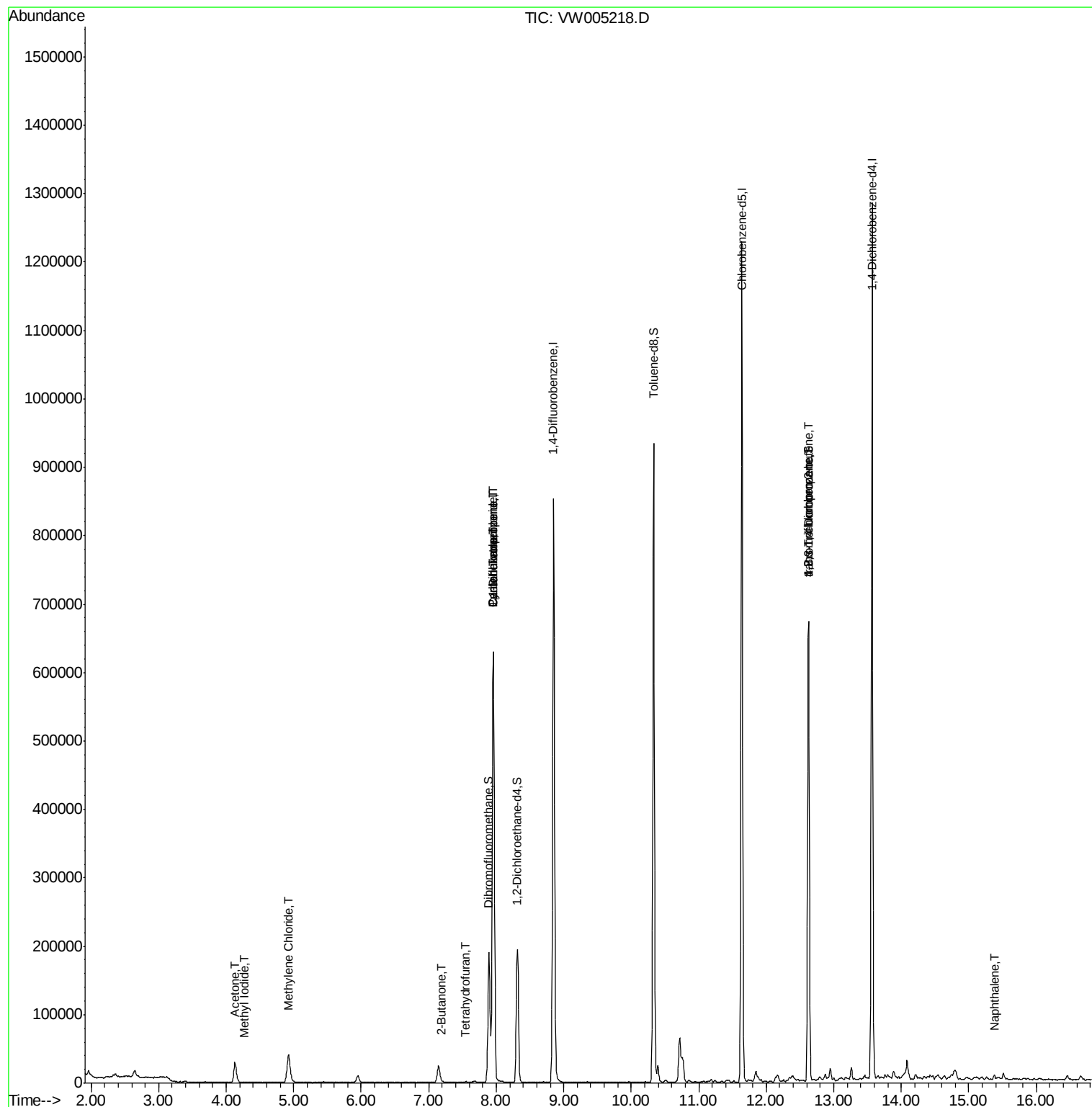
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.78	94	452	Below Cal	#	59
10) Methyl Iodide	4.27	142	69	3.828	ug/l #	44
11) Tert butyl alcohol	5.15	59	755	Below Cal	#	72
16) Acetone	4.13	43	51341	60.991	ug/l	100
20) Methylene Chloride	4.92	84	33341	2.136	ug/l	97
25) 2-Butanone	7.20	43	3686	2.525	ug/l	92
29) Tetrahydrofuran	7.54	42	819	1.098	ug/l #	75
31) Cyclohexane	7.95	56	8858	1.075	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	33898	4.541	ug/l #	47
38) Carbon Tetrachloride	7.96	117	44420	6.258	ug/l #	18
76) 1,2,3-Trichloropropane	12.63	75	100017	36.868	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	100017	88.736	ug/l #	15
95) Naphthalene	15.38	128	5687	4.381	ug/l #	91

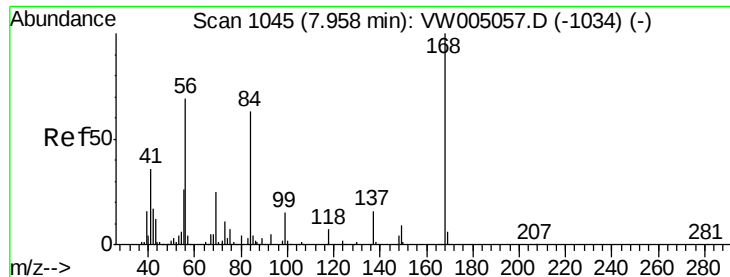
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090718\
Data File : VW005218.D
Acq On : 07 Sep 2018 19:06
Operator : SY/AP
Sample : J4774-01
Misc : 6.68G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OK-03-090618

Quant Time: Sep 08 01:20:59 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# 993

Delta R.T. -0.00 min

Lab File: VW005218.D

Acq: 07 Sep 2018 19:06

Instrument :

MSVOA_W

ClientSampleId :

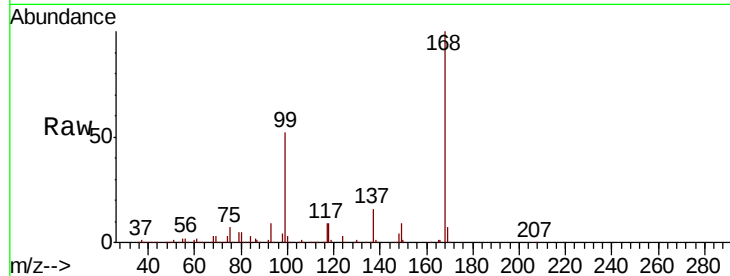
OK-03-090618

Tgt Ion:168 Resp: 506344

Ion Ratio Lower Upper

168 100

99 51.6 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

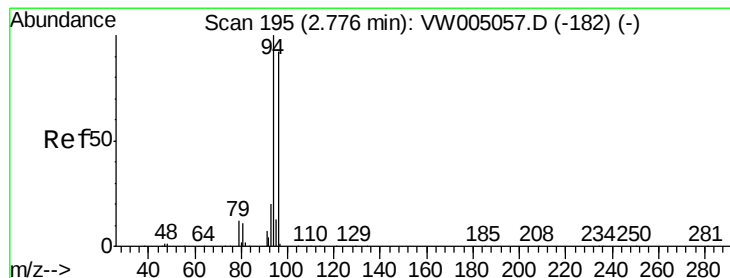
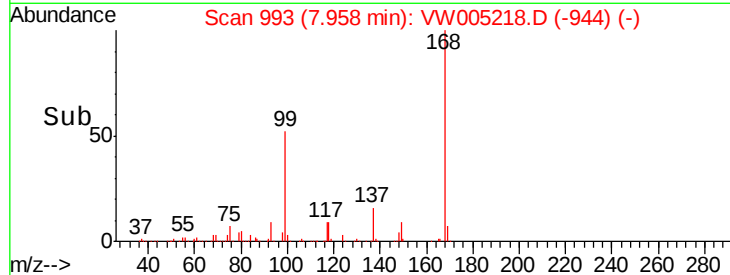
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW005218.D

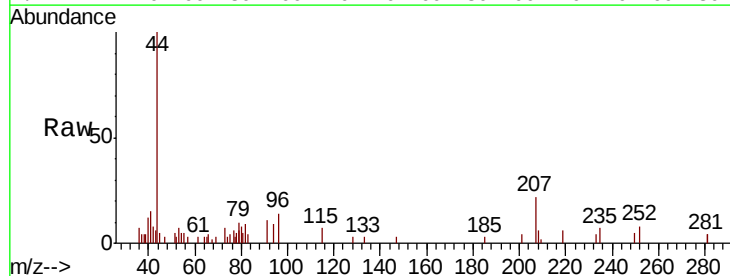
Acq: 07 Sep 2018 19:06

Tgt Ion: 94 Resp: 452

Ion Ratio Lower Upper

94 100

96 52.9 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

300

250

200

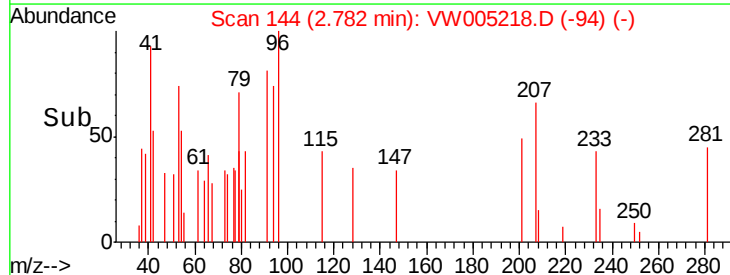
150

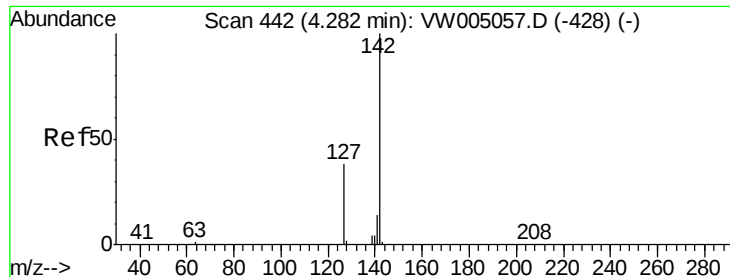
100

50

0

Time--> 2.75 2.80 2.85

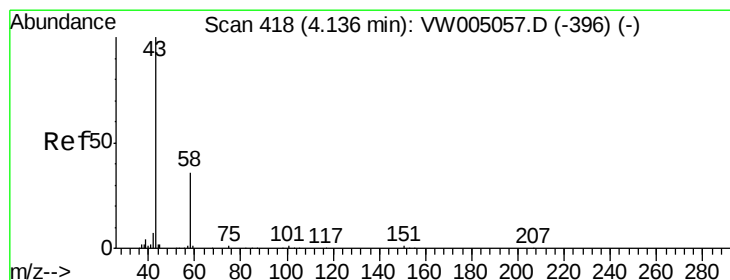
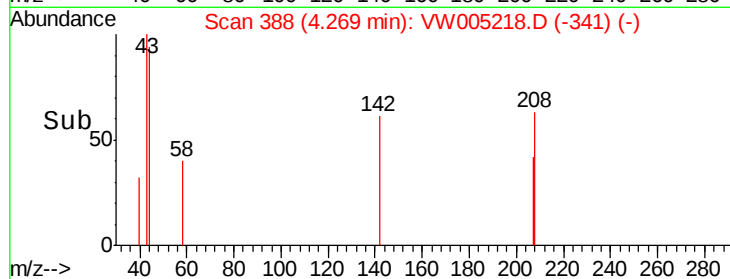
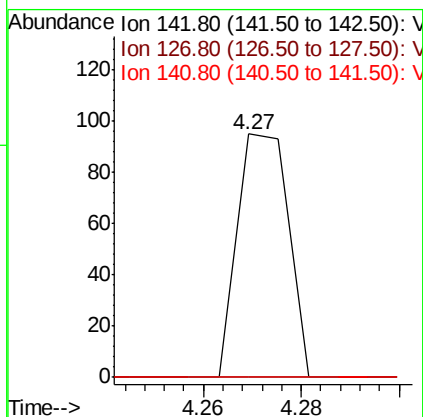
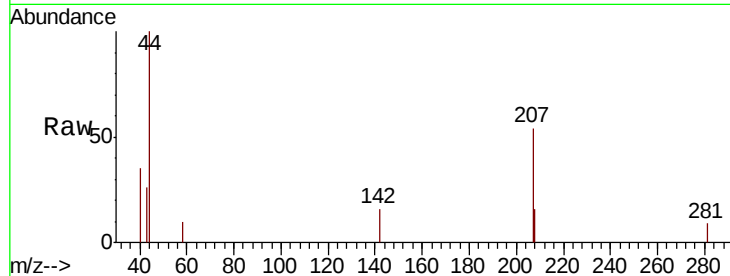




#10
Methyl Iodide
Concen: 3.828 ug/l
RT: 4.27 min Scan# 388
Delta R.T. -0.01 min
Lab File: VW005218.D
Acq: 07 Sep 2018 19:06

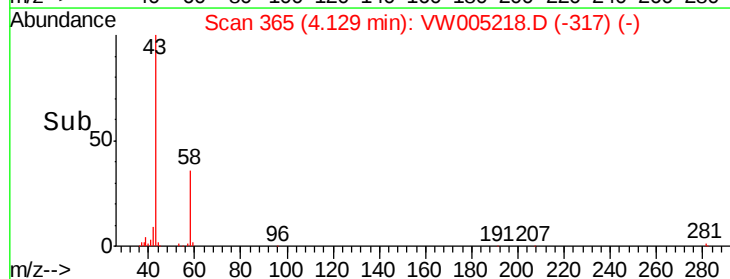
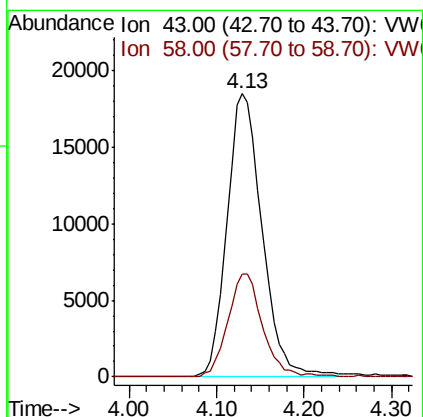
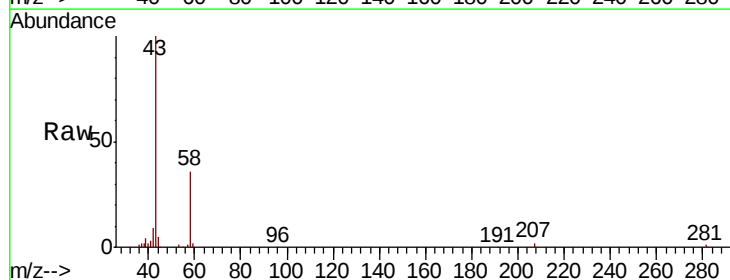
Instrument :
MSVOA_W
ClientSampleId :
OK-03-090618

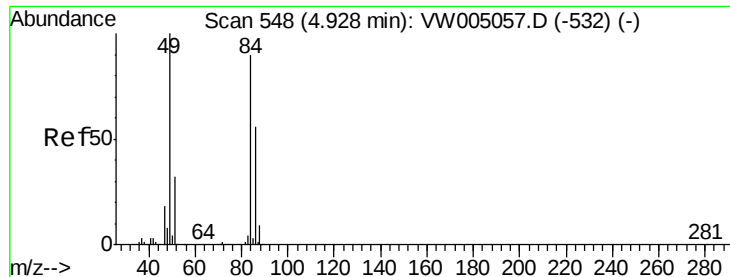
Tgt Ion: 142 Resp: 69
Ion Ratio Lower Upper
142 100
127 0.0 30.8 46.2#
141 0.0 11.6 17.4#



#16
Acetone
Concen: 60.991 ug/l
RT: 4.13 min Scan# 365
Delta R.T. -0.01 min
Lab File: VW005218.D
Acq: 07 Sep 2018 19:06

Tgt Ion: 43 Resp: 51341
Ion Ratio Lower Upper
43 100
58 36.2 29.0 43.6

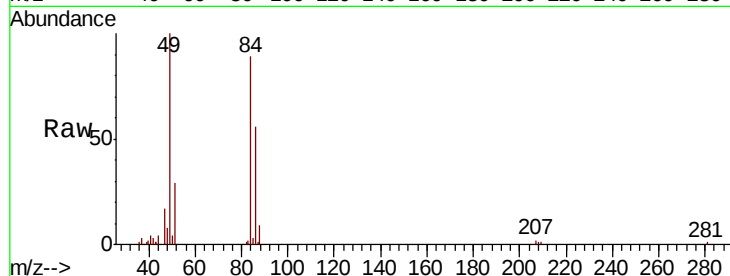




#20
Methylene Chloride
Concen: 2.136 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005218.D
Acq: 07 Sep 2018 19:06

Instrument :
MSVOA_W
ClientSampleId :
OK-03-090618

Tgt Ion:	84	Resp:	33341
Ion	Ratio	Lower	Upper
84	100		
49	112.7	88.7	133.1
51	32.4	28.6	42.8
86	63.6	49.4	74.2



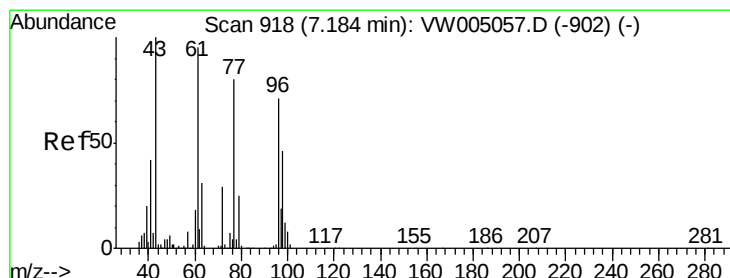
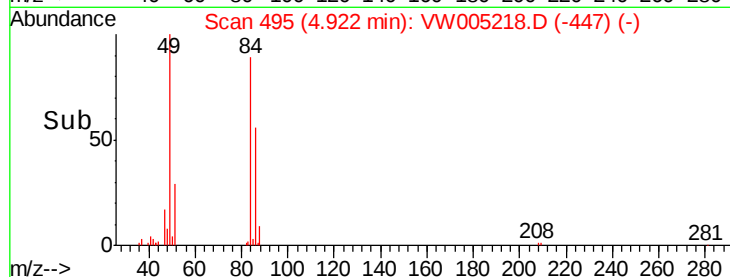
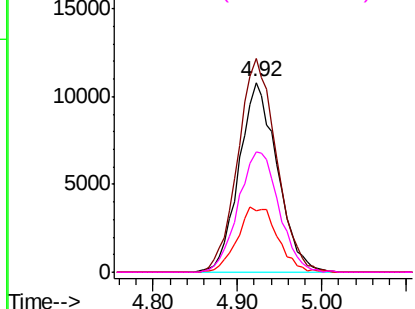
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

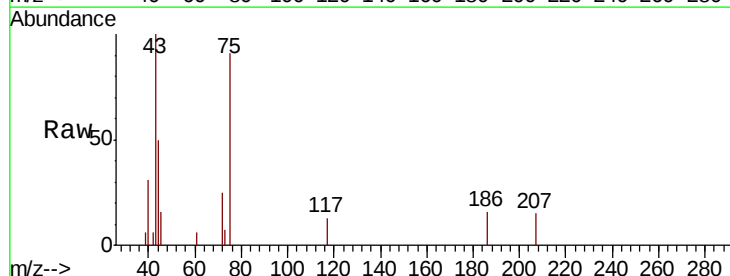
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25
2-Butanone
Concen: 2.525 ug/l
RT: 7.20 min Scan# 868
Delta R.T. 0.01 min
Lab File: VW005218.D
Acq: 07 Sep 2018 19:06

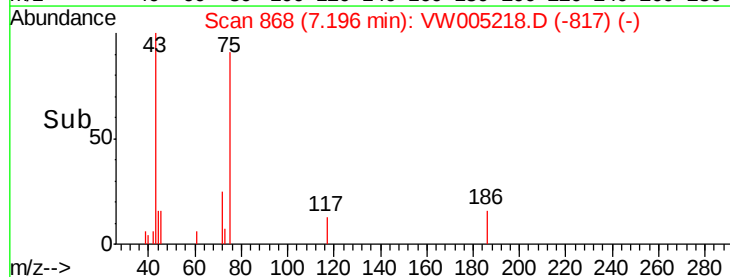
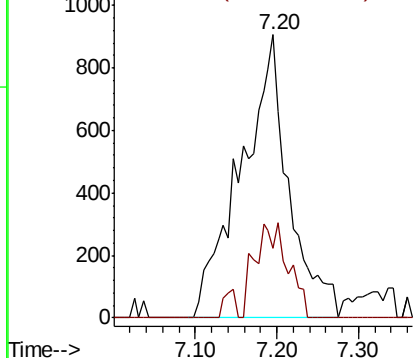
Tgt Ion:	43	Resp:	3686
Ion	Ratio	Lower	Upper
43	100		
72	24.8	23.1	34.7

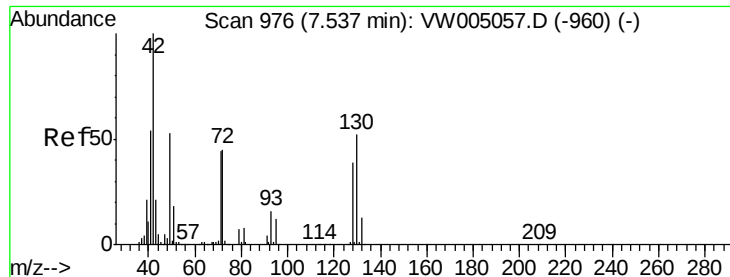


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#29

Tetrahydrofuran

Concen: 1.098 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW005218.D

Acq: 07 Sep 2018 19:06

Instrument :

MSVOA_W

ClientSampled :

OK-03-090618

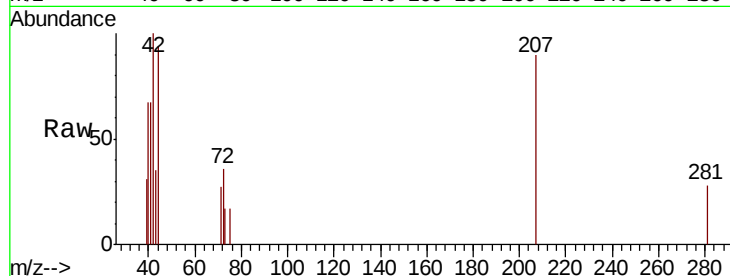
Tgt Ion: 42 Resp: 819

Ion Ratio Lower Upper

42 100

72 29.7 37.0 55.4#

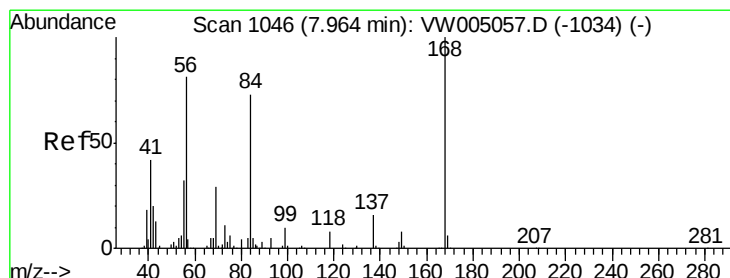
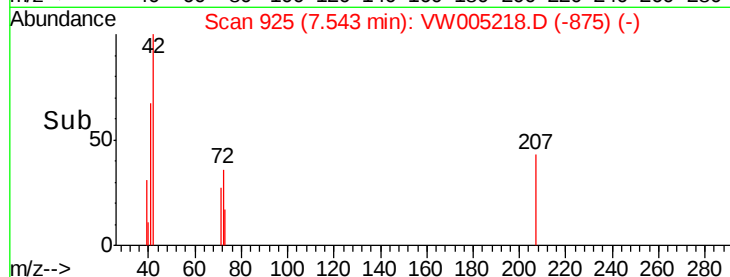
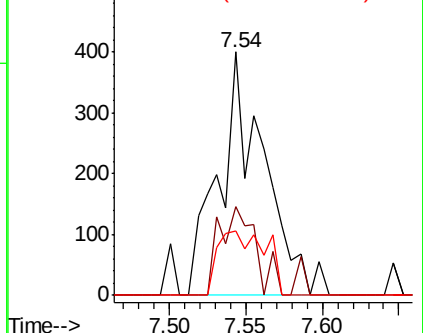
71 28.1 35.0 52.6#



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: 1.075 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005218.D

Acq: 07 Sep 2018 19:06

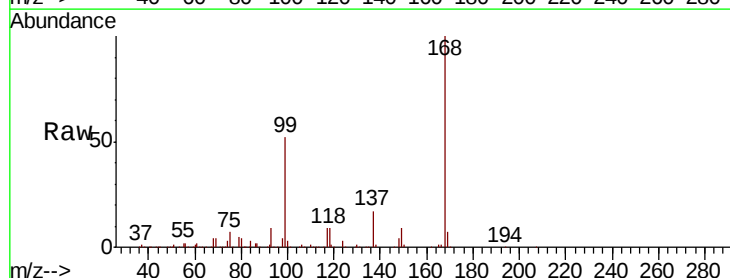
Tgt Ion: 56 Resp: 8858

Ion Ratio Lower Upper

56 100

69 185.4 28.2 42.2#

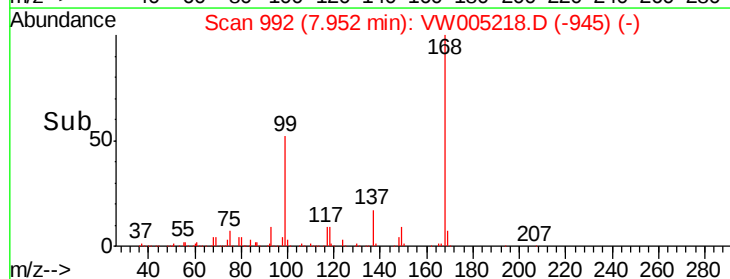
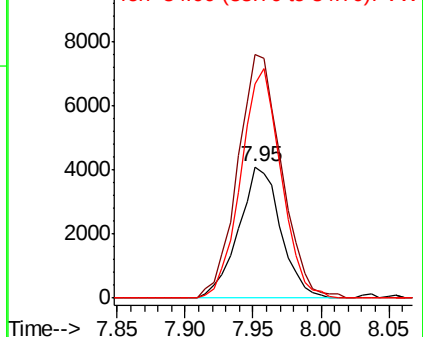
84 162.6 71.8 107.8#

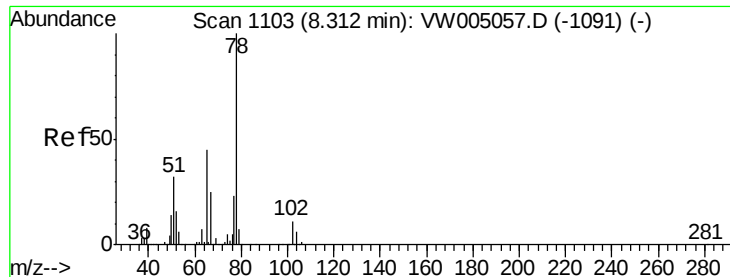


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

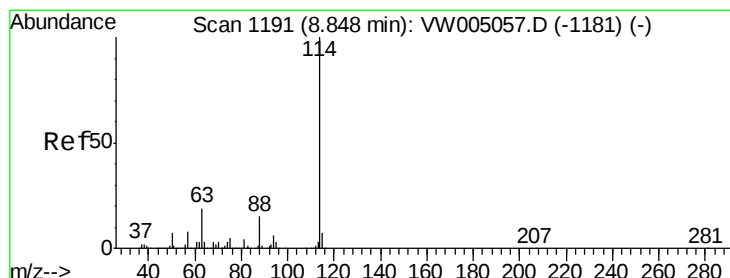
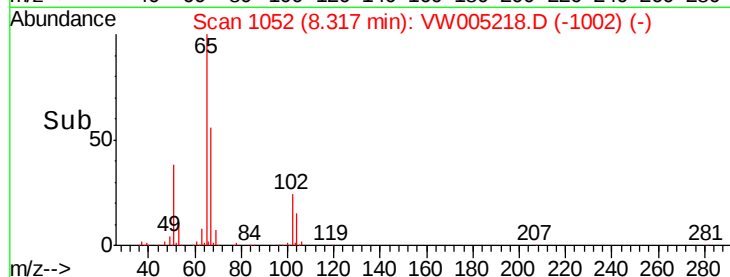
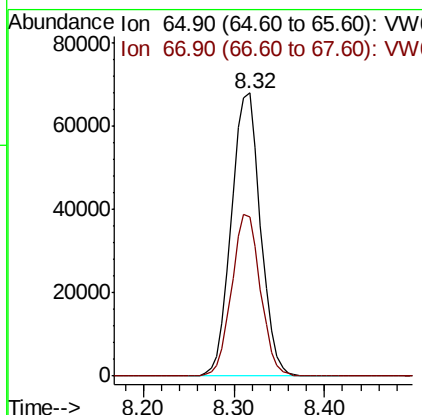
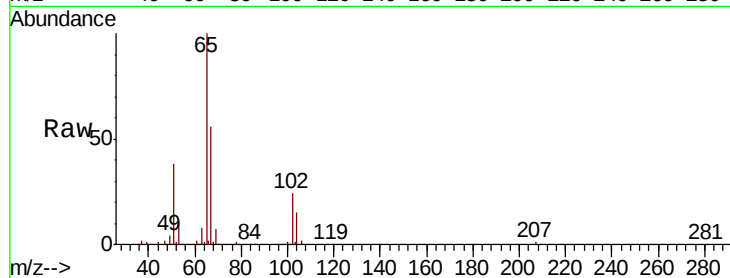




#33
 1,2-Dichloroethane-d4
 Concen: 36.202 ug/l
 RT: 8.32 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VW005218.D
 Acq: 07 Sep 2018 19:06

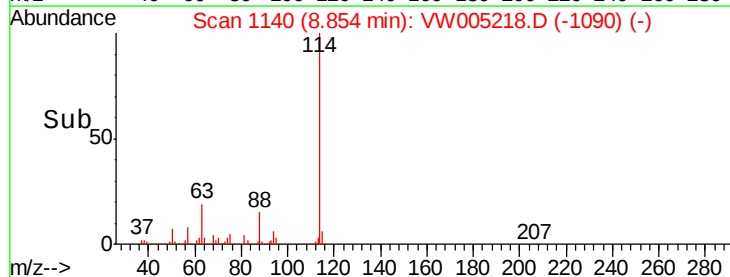
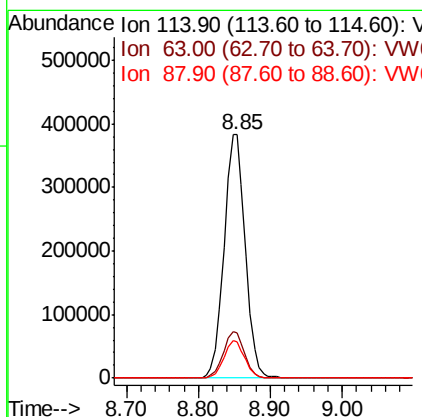
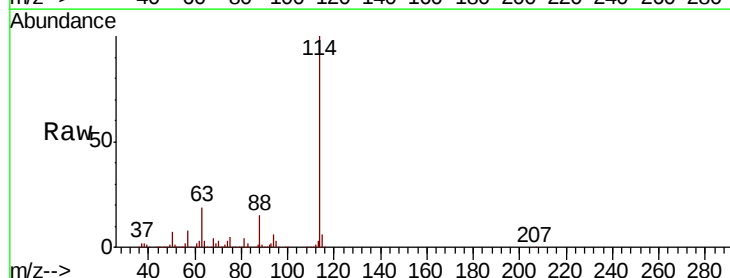
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-03-090618

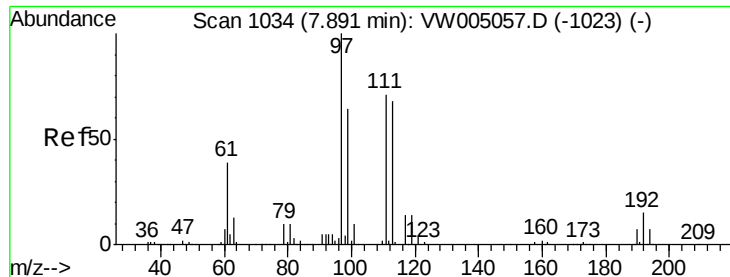
Tgt Ion: 65 Resp: 151951
 Ion Ratio Lower Upper
 65 100
 67 56.2 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005218.D
 Acq: 07 Sep 2018 19:06

Tgt Ion: 114 Resp: 783762
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.0
 88 14.9 0.0 30.2

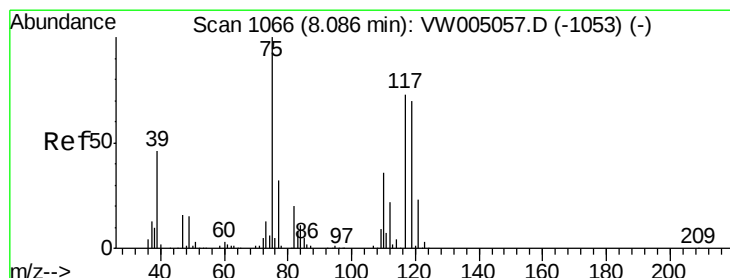
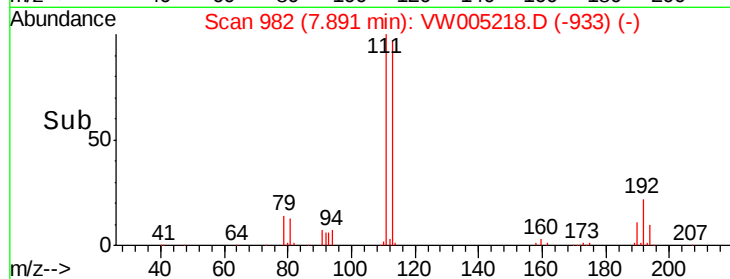
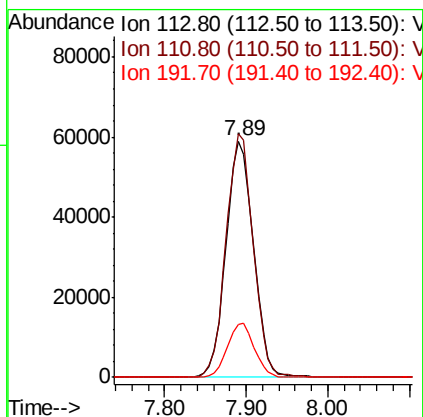
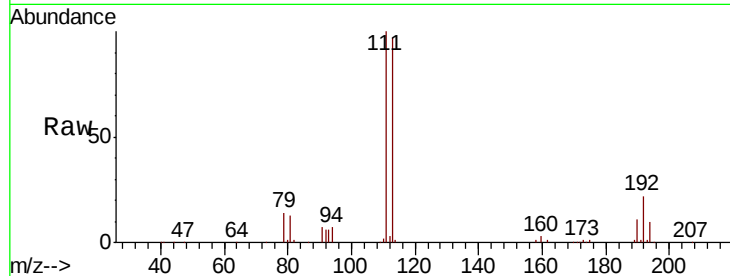




#35
 Dibromofluoromethane
 Concen: 30.259 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005218.D
 Acq: 07 Sep 2018 19:06

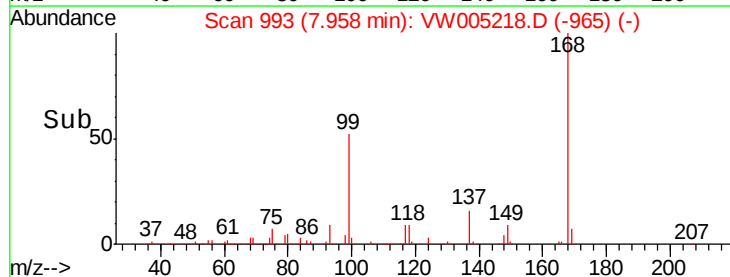
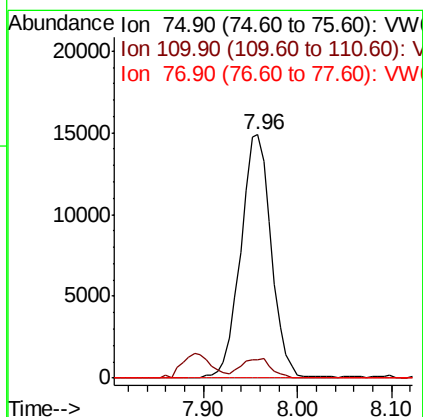
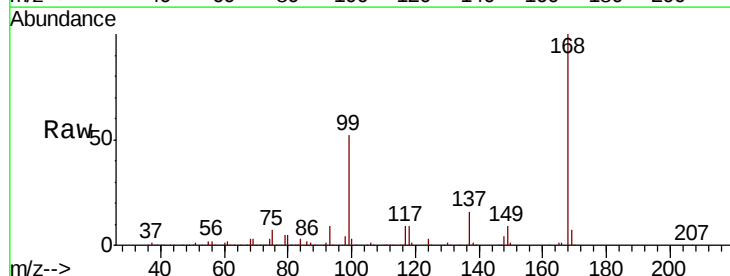
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-03-090618

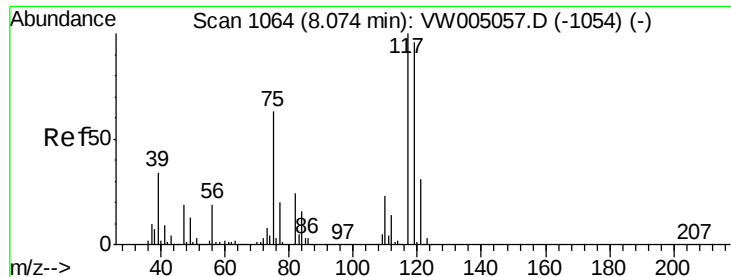
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.2
192	22.2	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 4.541 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW005218.D
 Acq: 07 Sep 2018 19:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.0	18.9	56.7#
77	0.1	25.5	38.3#





#38

Carbon Tetrachloride

Concen: 6.258 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW005218.D

Acq: 07 Sep 2018 19:06

Instrument :

MSVOA_W

ClientSampleId :

OK-03-090618

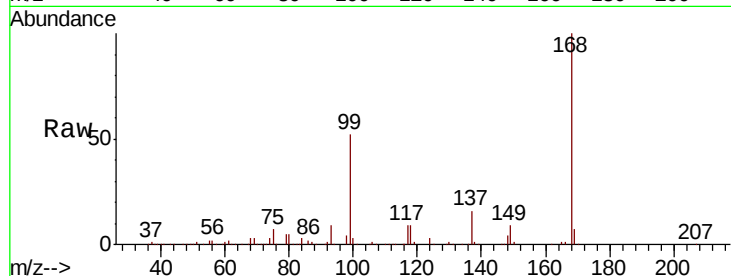
Tgt Ion:117 Resp: 44420

Ion Ratio Lower Upper

117 100

119 7.6 76.6 115.0#

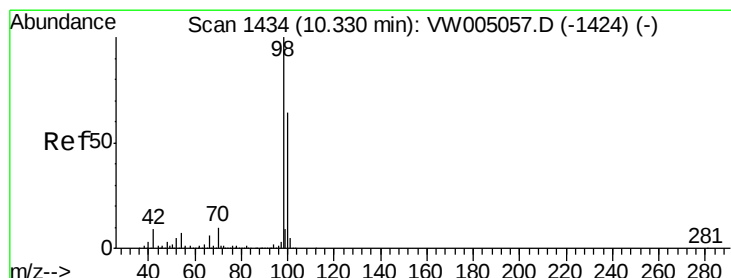
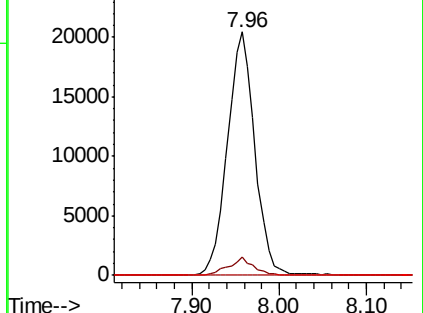
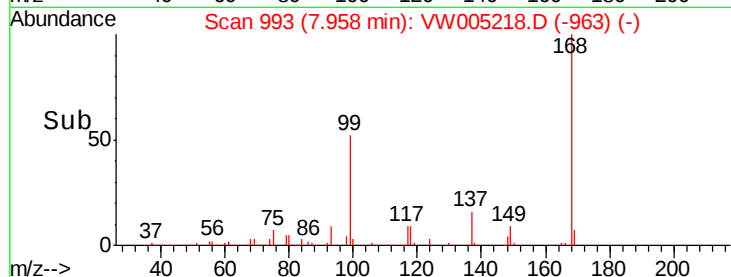
121 0.0 24.8 37.2#



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: 30.688 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005218.D

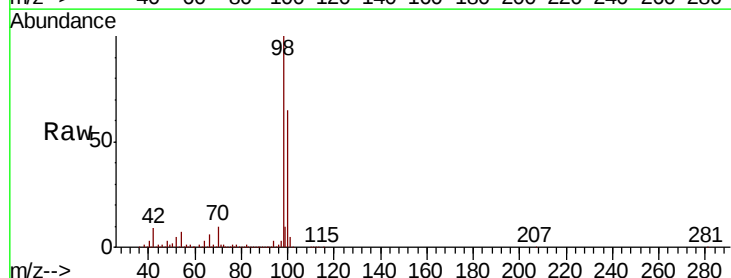
Acq: 07 Sep 2018 19:06

Tgt Ion: 98 Resp: 640461

Ion Ratio Lower Upper

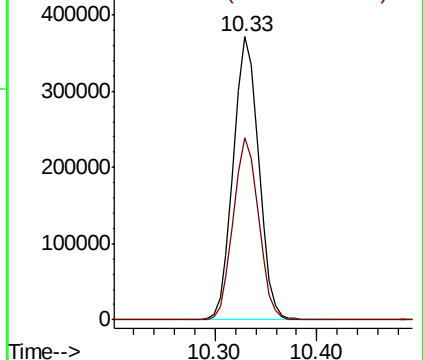
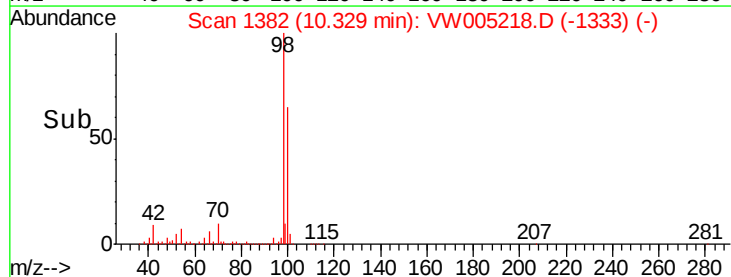
98 100

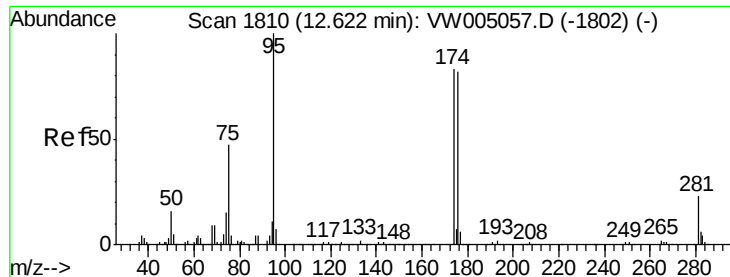
100 64.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

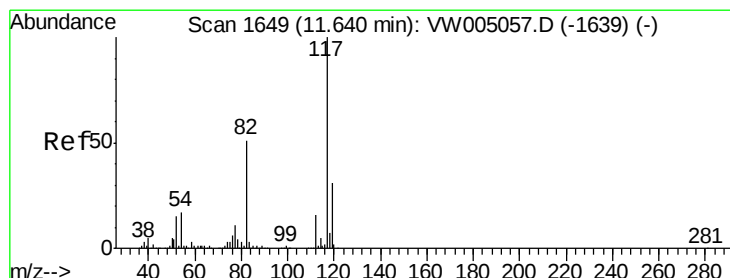
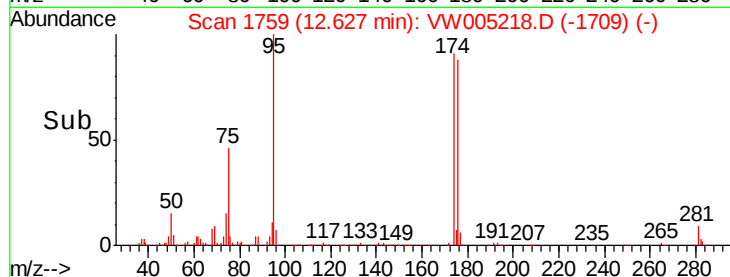
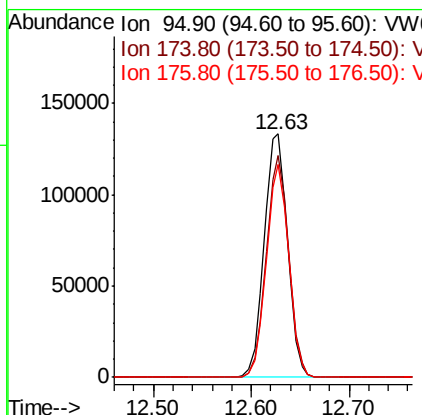
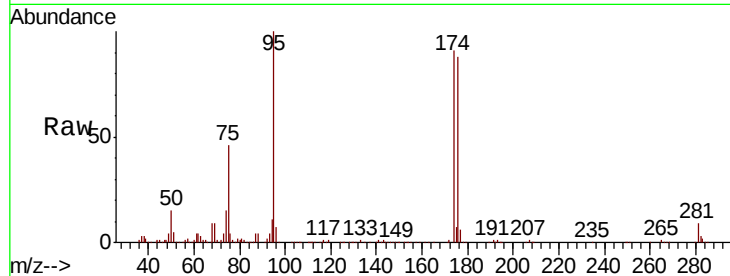




#62
4-Bromofluorobenzene
Concen: 29.926 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005218.D
Acq: 07 Sep 2018 19:06

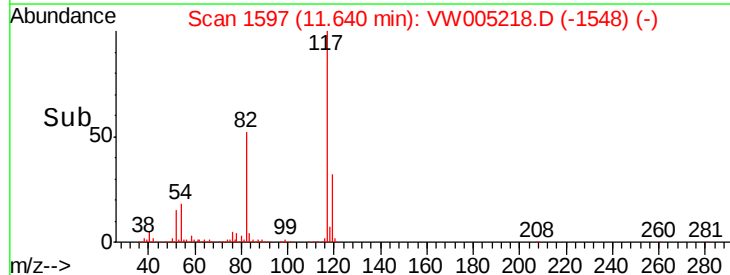
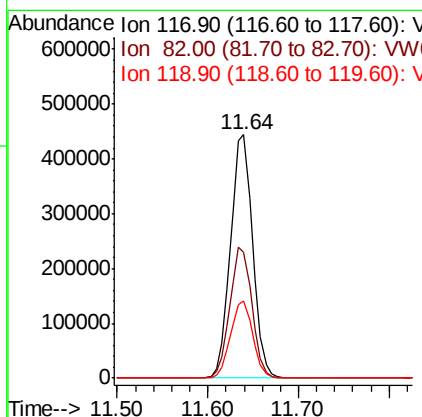
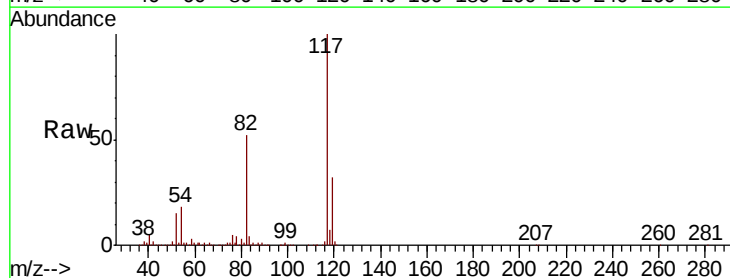
Instrument :
MSVOA_W
ClientSampleId :
OK-03-090618

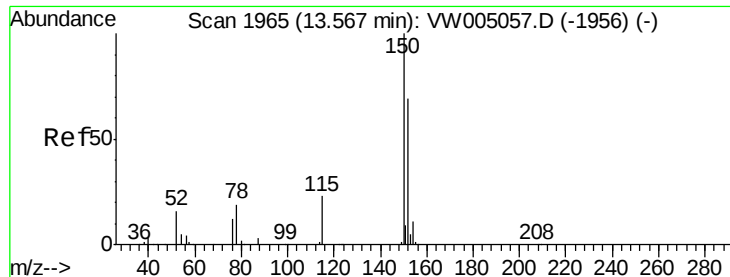
Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.8	0.0	173.4
176	84.2	0.0	167.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005218.D
Acq: 07 Sep 2018 19:06

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.9	40.9	61.3
119	31.6	24.9	37.3



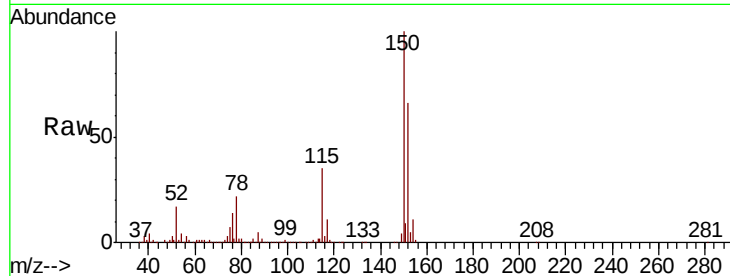


#72

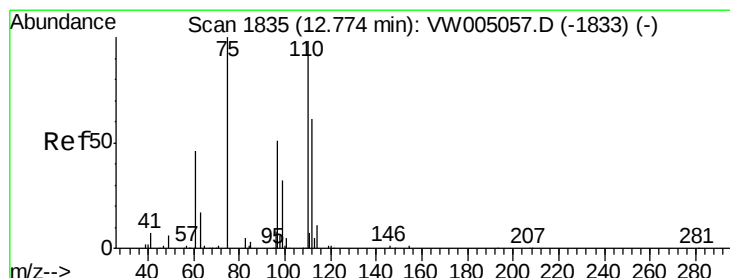
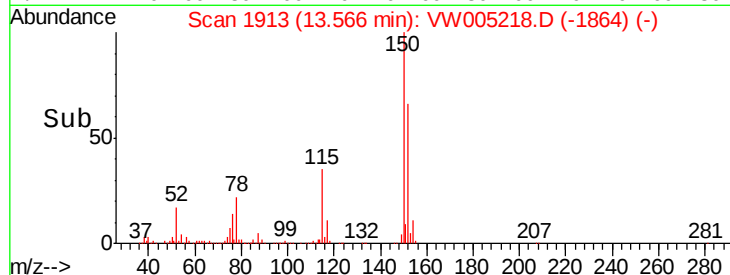
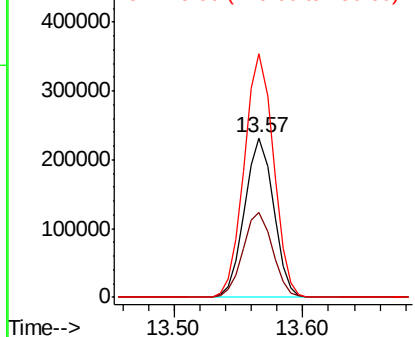
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005218.D
Acq: 07 Sep 2018 19:06

Instrument :
MSVOA_W
ClientSampleId :
OK-03-090618

Tgt Ion:152 Resp: 361416
Ion Ratio Lower Upper
152 100
115 54.5 27.8 83.4
150 154.2 0.0 351.4



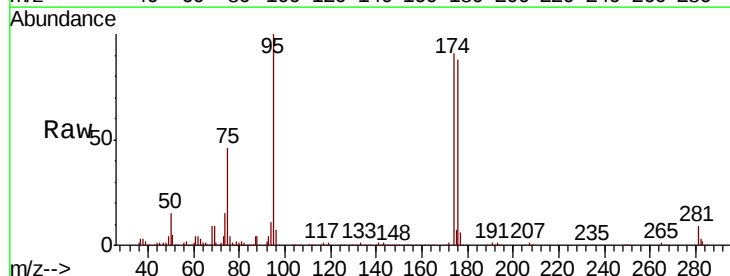
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



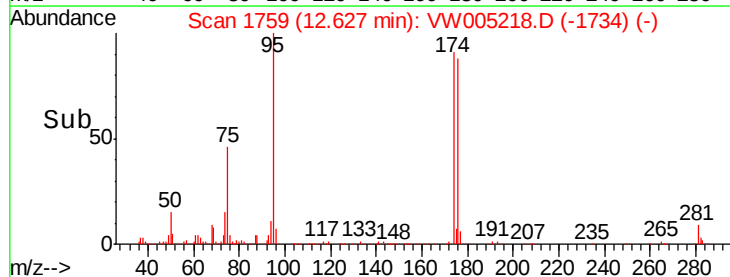
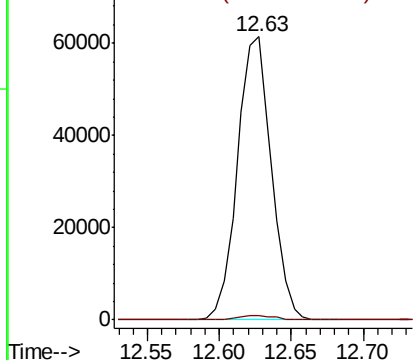
#76

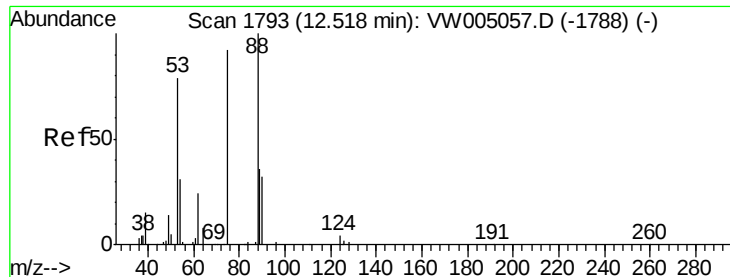
1,2,3-Trichloropropane
Concen: 36.868 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. -0.15 min
Lab File: VW005218.D
Acq: 07 Sep 2018 19:06

Tgt Ion: 75 Resp: 100017
Ion Ratio Lower Upper
75 100
77 1.7 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: 88.736 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.11 min

Lab File: VW005218.D

Acq: 07 Sep 2018 19:06

Instrument :

MSVOA_W

ClientSampleId :

OK-03-090618

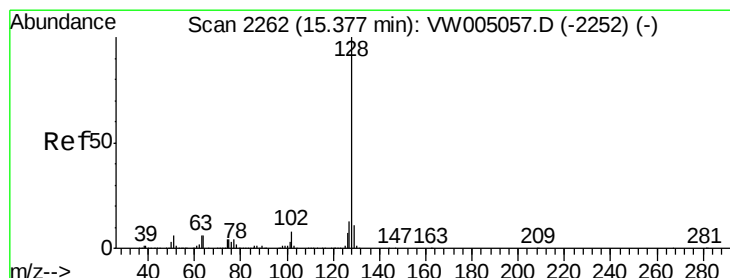
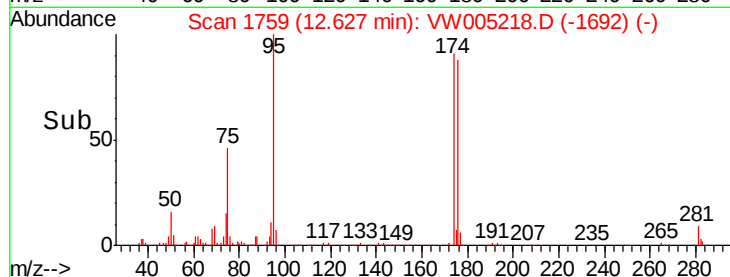
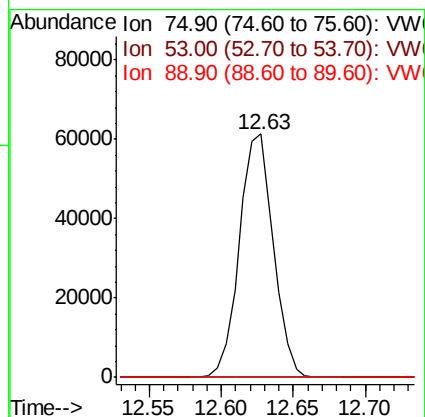
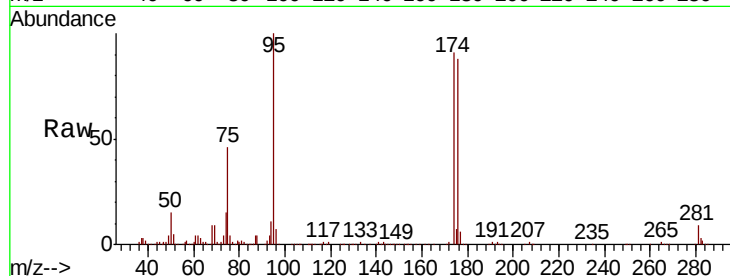
Tgt Ion: 75 Resp: 100017

Ion Ratio Lower Upper

75 100

53 0.3 69.8 104.8#

89 0.1 36.0 54.0#



#95

Naphthalene

Concen: 4.381 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW005218.D

Acq: 07 Sep 2018 19:06

Tgt Ion: 128 Resp: 5687

Ion Ratio Lower Upper

128 100

127 16.1 10.4 15.6#

129 15.0 8.7 13.1#

