

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091718\
 Data File : VW005442.D
 Acq On : 17 Sep 2018 18:52
 Operator : SY/AP
 Sample : J4935-01
 Misc : 3.71G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PHASE-1

Quant Time: Sep 18 01:04:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	228528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	358069	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	306825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	119364	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	103172	43.49	ug/l	0.00
Spiked Amount			Recovery	=	86.98%	
35) Dibromofluoromethane	7.89	113	84213	41.95	ug/l	0.00
Spiked Amount			Recovery	=	83.90%	
50) Toluene-d8	10.33	98	341289	37.12	ug/l	0.00
Spiked Amount			Recovery	=	74.24%	
62) 4-Bromofluorobenzene	12.63	95	100411	29.79	ug/l	0.00
Spiked Amount			Recovery	=	59.58%	

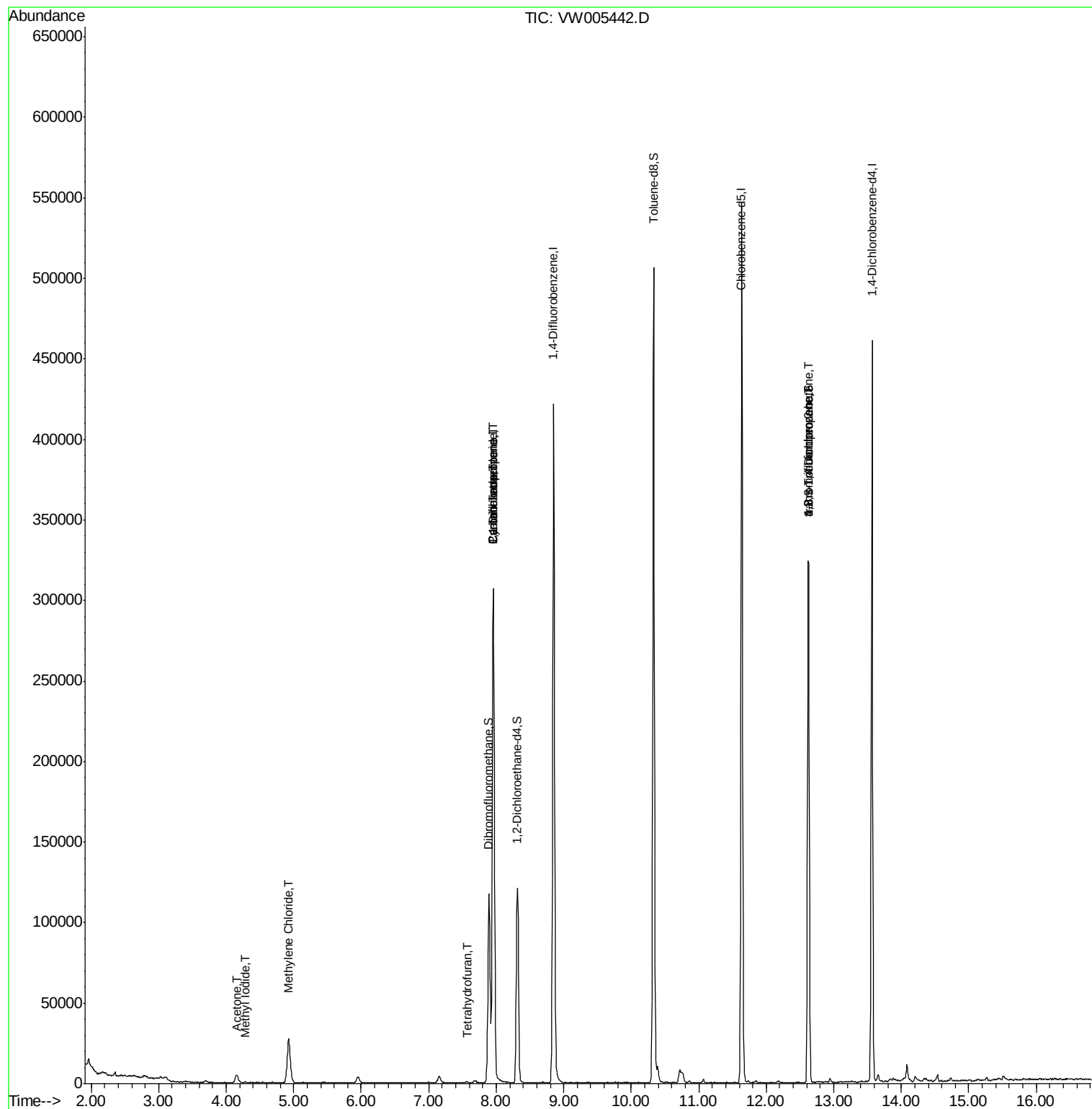
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	197	Below Cal	#	42
5) Bromomethane	2.78	94	267	Below Cal	#	45
10) Methyl Iodide	4.28	142	78	4.080	ug/l #	38
11) Tert butyl alcohol	5.21	59	23	Below Cal	#	71
16) Acetone	4.16	43	9475	10.515	ug/l	92
20) Methylene Chloride	4.93	84	19810	3.025	ug/l	97
29) Tetrahydrofuran	7.56	42	444	1.221	ug/l #	39
31) Cyclohexane	7.96	56	4741	1.252	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	17651	5.209	ug/l #	51
38) Carbon Tetrachloride	7.96	117	22623	6.407	ug/l #	18
76) 1,2,3-Trichloropropane	12.63	75	52167	53.137	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	52167	137.841	ug/l #	8

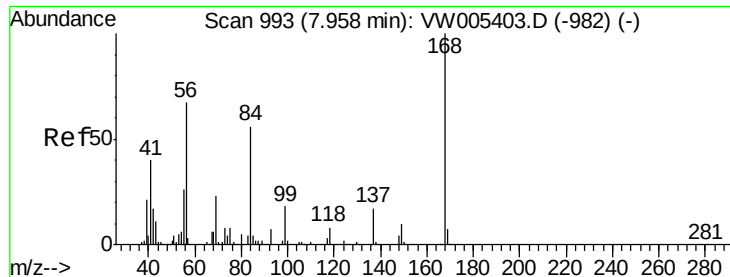
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091718\
Data File : VW005442.D
Acq On : 17 Sep 2018 18:52
Operator : SY/AP
Sample : J4935-01
Misc : 3.71G/5ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PHASE-1

Quant Time: Sep 18 01:04:26 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 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: VW005442.D

Acq: 17 Sep 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

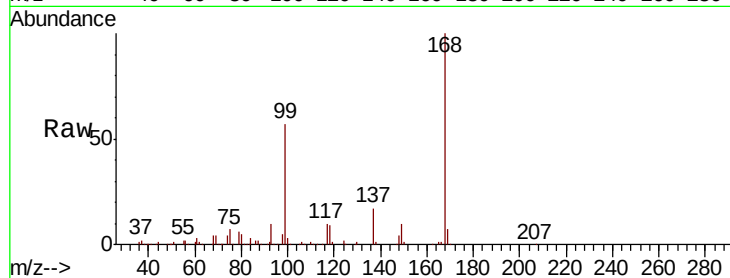
PHASE-1

Tgt Ion:168 Resp: 228528

Ion Ratio Lower Upper

168 100

99 57.2 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

120000

100000

80000

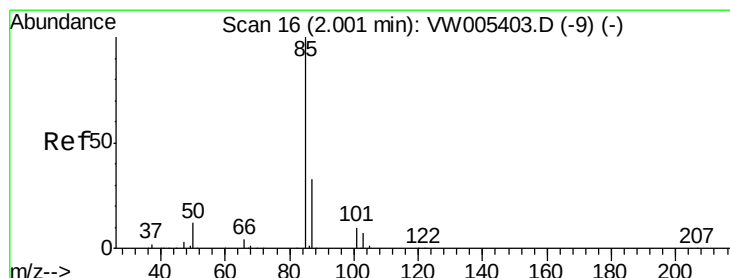
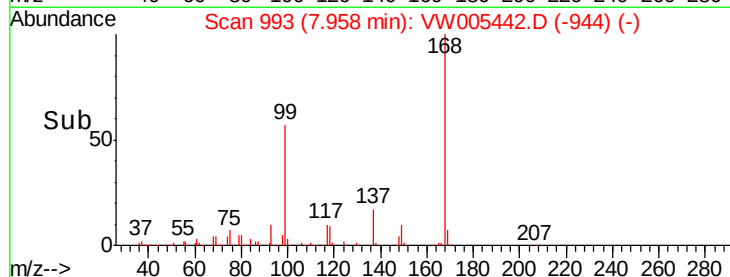
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW005442.D

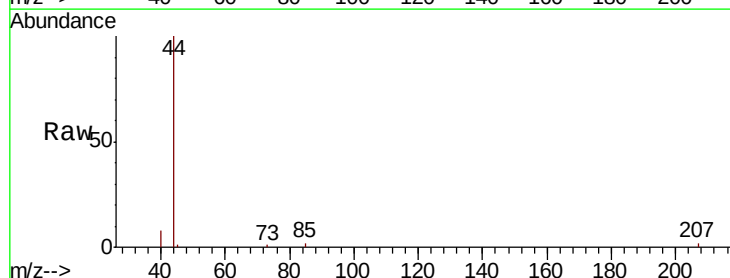
Acq: 17 Sep 2018 18:52

Tgt Ion: 85 Resp: 197

Ion Ratio Lower Upper

85 100

87 0.0 16.4 49.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

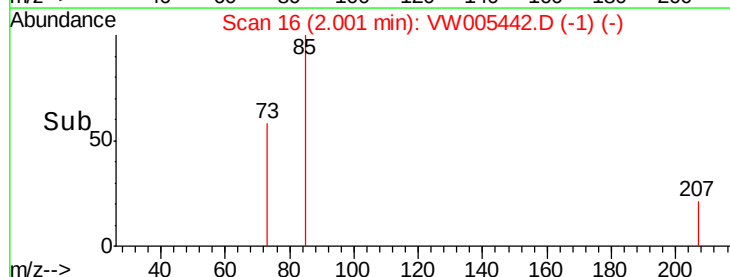
150

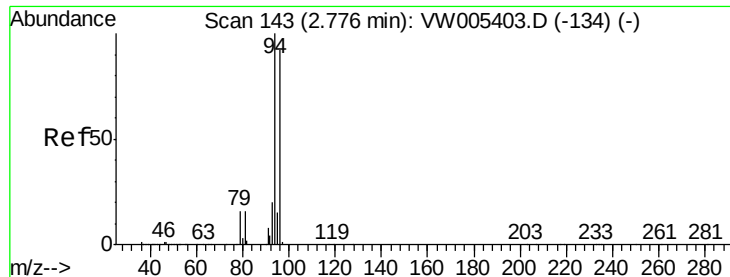
100

50

0

Time--> 1.96 1.98 2.00 2.02 2.04





#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW005442.D

Acq: 17 Sep 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

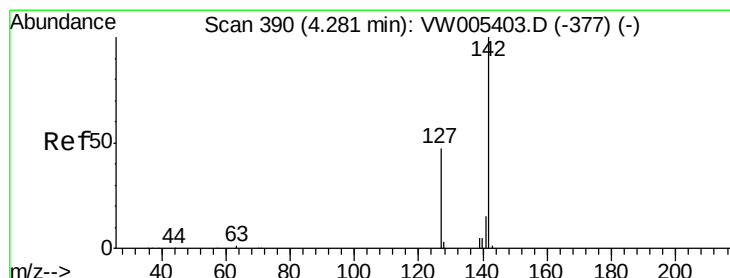
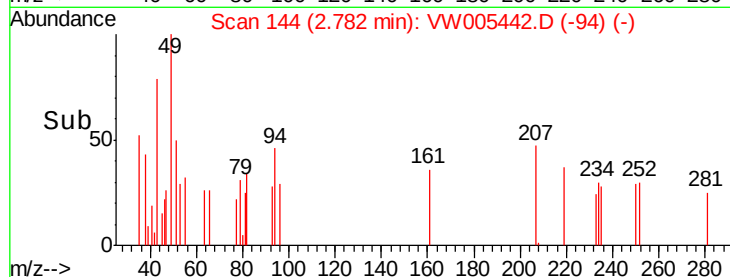
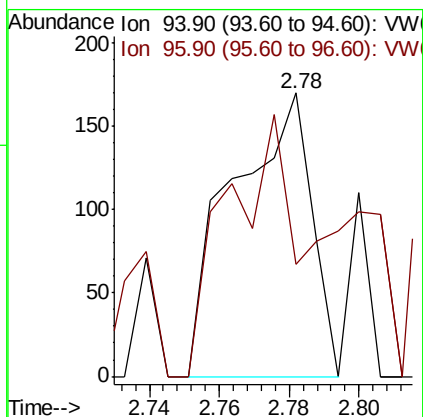
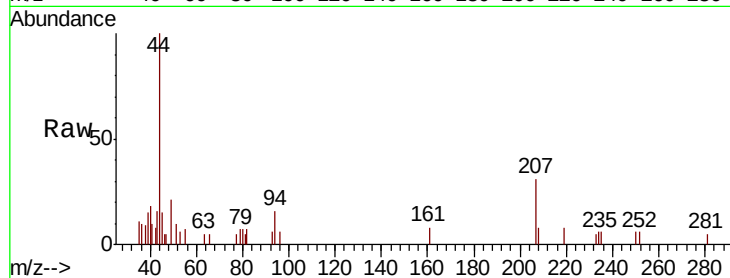
PHASE-1

Tgt Ion: 94 Resp: 267

Ion Ratio Lower Upper

94 100

96 39.4 73.7 110.5#



#10

Methyl Iodide

Concen: 4.080 ug/l

RT: 4.28 min Scan# 390

Delta R.T. 0.00 min

Lab File: VW005442.D

Acq: 17 Sep 2018 18:52

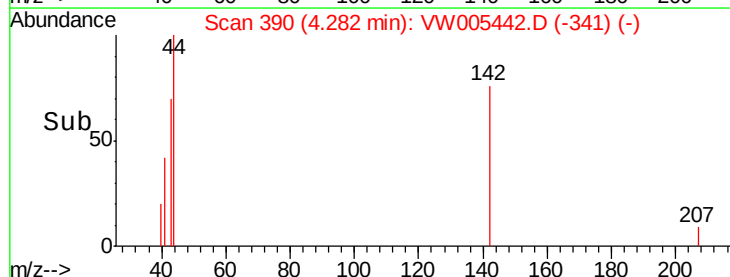
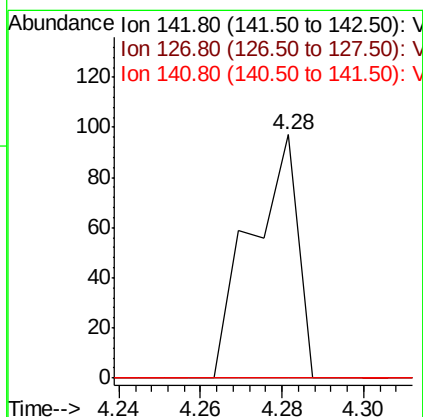
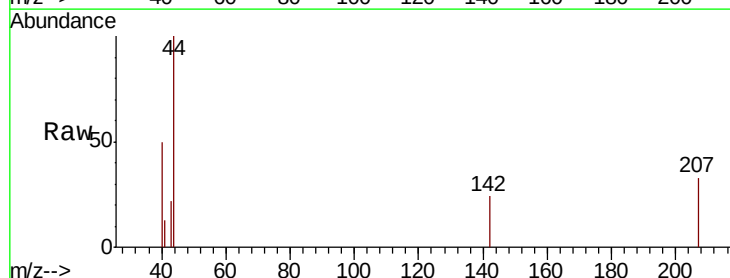
Tgt Ion: 142 Resp: 78

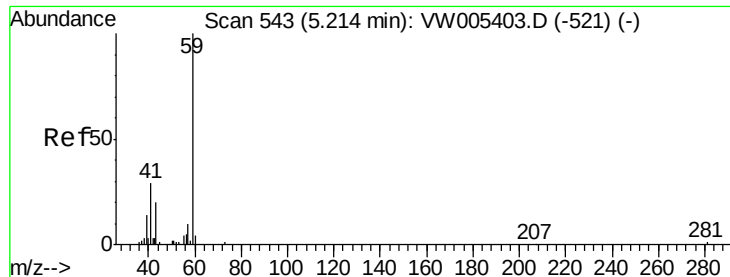
Ion Ratio Lower Upper

142 100

127 0.0 37.5 56.3#

141 0.0 12.4 18.6#

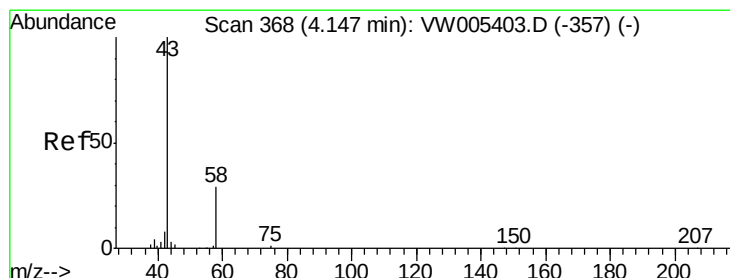
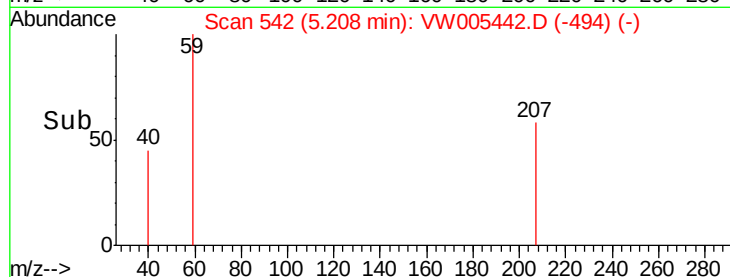
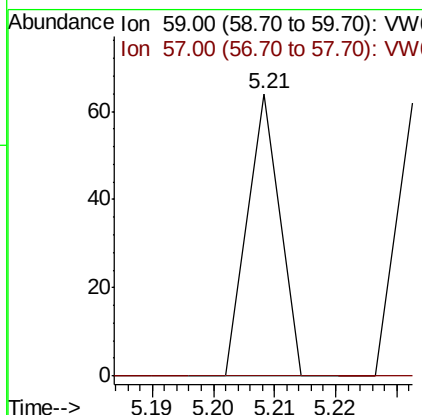
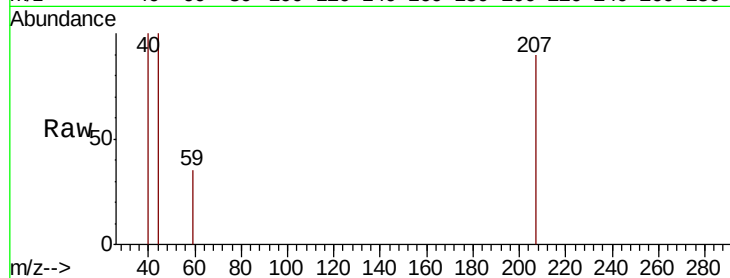




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.21 min Scan# 542
Delta R.T. -0.01 min
Lab File: VW005442.D
Acq: 17 Sep 2018 18:52

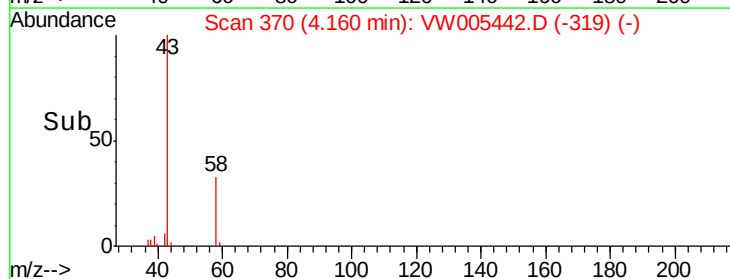
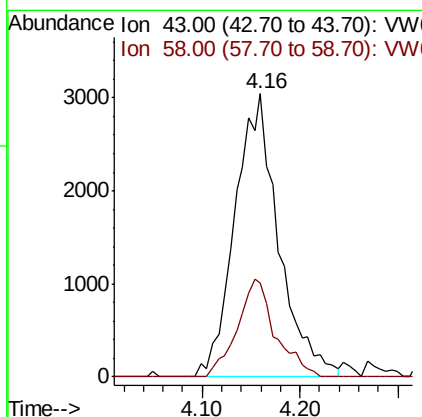
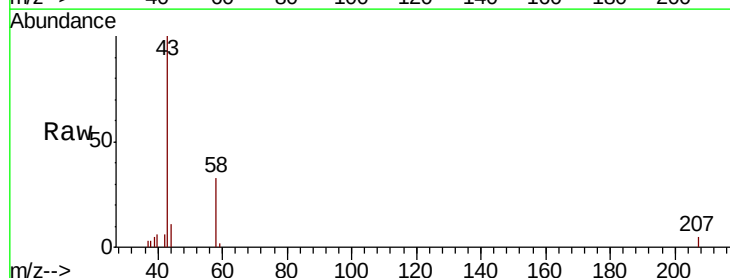
Instrument :
MSVOA_W
ClientSampleId :
PHASE-1

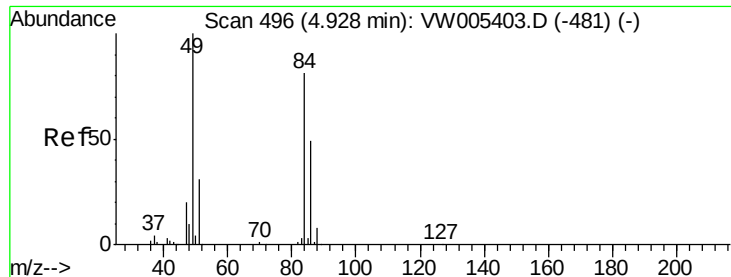
Tgt Ion: 59 Resp: 23
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#16
Acetone
Concen: 10.515 ug/l
RT: 4.16 min Scan# 370
Delta R.T. 0.01 min
Lab File: VW005442.D
Acq: 17 Sep 2018 18:52

Tgt Ion: 43 Resp: 9475
Ion Ratio Lower Upper
43 100
58 33.0 22.8 34.2

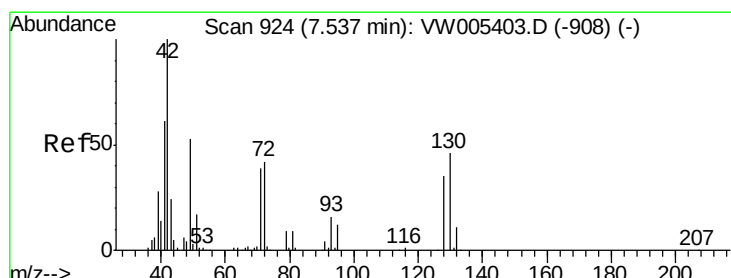
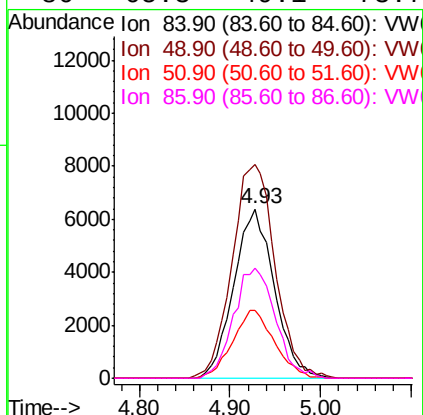
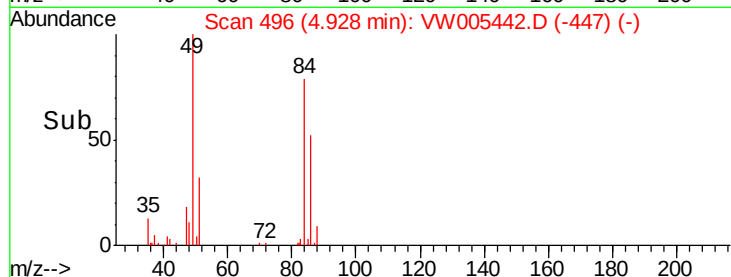
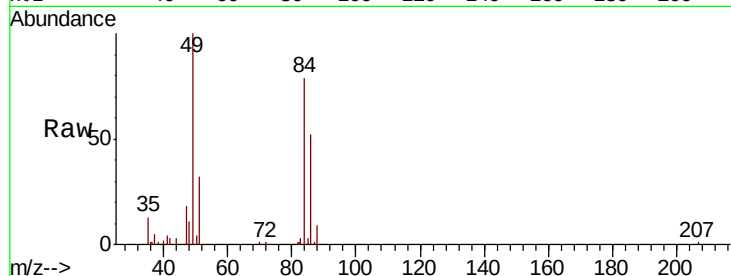




#20
Methylene Chloride
Concen: 3.025 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW005442.D
Acq: 17 Sep 2018 18:52

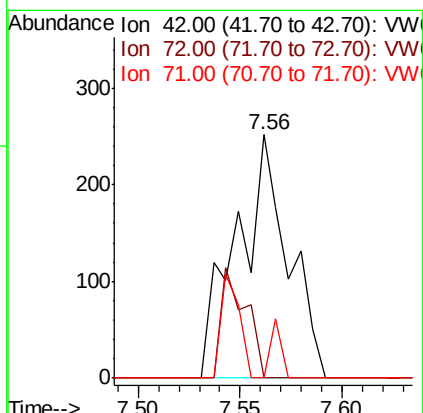
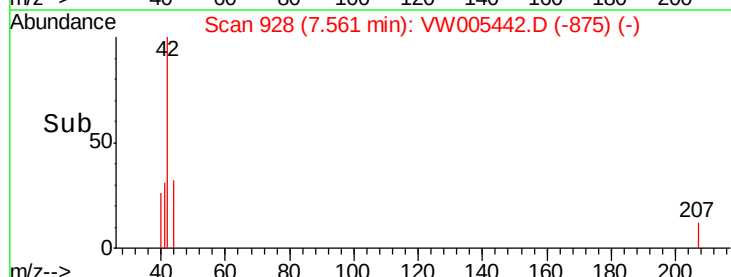
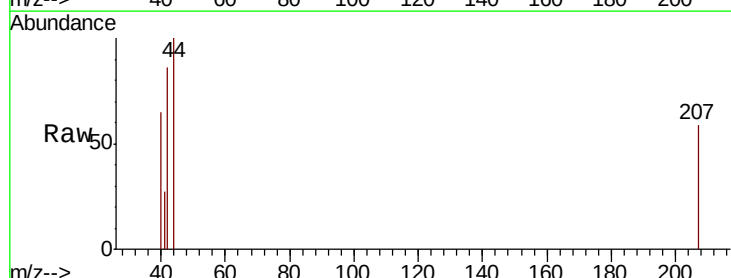
Instrument :
MSVOA_W
ClientSampleId :
PHASE-1

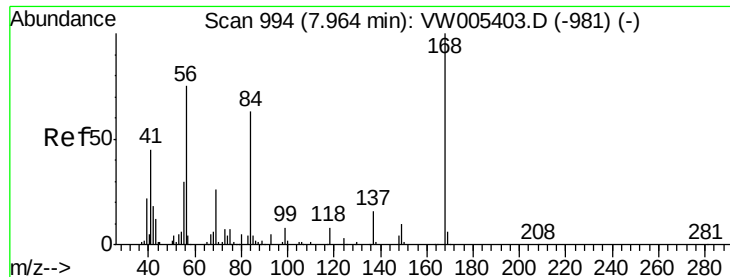
Tgt Ion:	84	Resp:	19810
Ion	Ratio	Lower	Upper
84	100		
49	126.2	99.3	148.9
51	40.2	31.1	46.7
86	65.3	49.1	73.7



#29
Tetrahydrofuran
Concen: 1.221 ug/l
RT: 7.56 min Scan# 928
Delta R.T. 0.02 min
Lab File: VW005442.D
Acq: 17 Sep 2018 18:52

Tgt Ion:	42	Resp:	444
Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.2	49.8#
71	5.0	31.0	46.6#

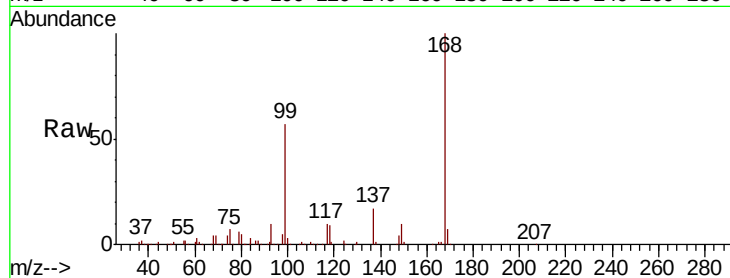




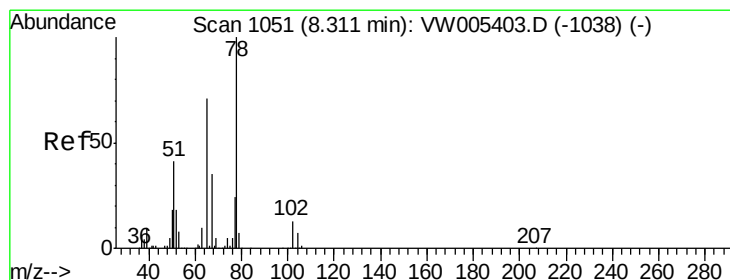
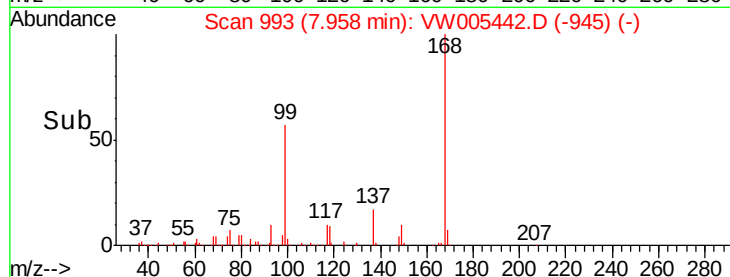
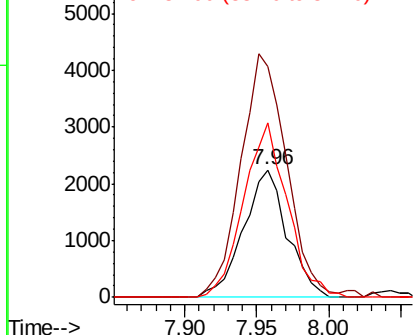
#31
Cyclohexane
Concen: 1.252 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005442.D
Acq: 17 Sep 2018 18:52

Instrument :
MSVOA_W
ClientSampleId :
PHASE-1

Tgt Ion: 56 Resp: 4741
Ion Ratio Lower Upper
56 100
69 180.9 27.2 40.8#
84 136.9 66.7 100.1#

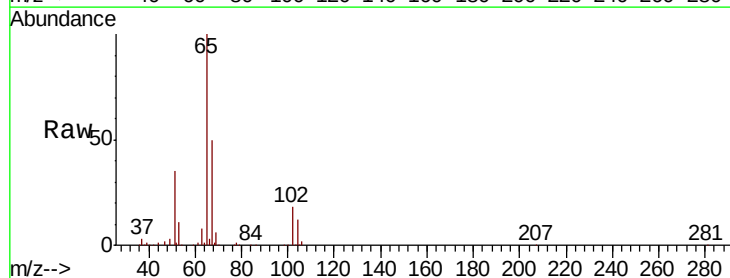


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

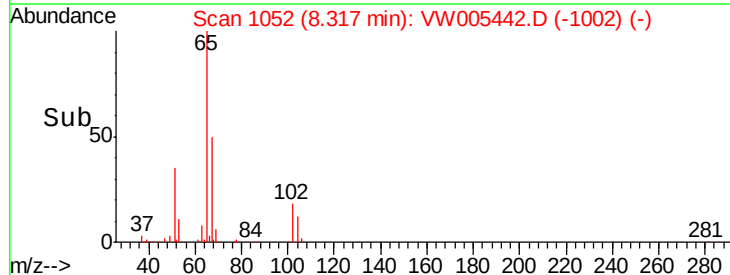
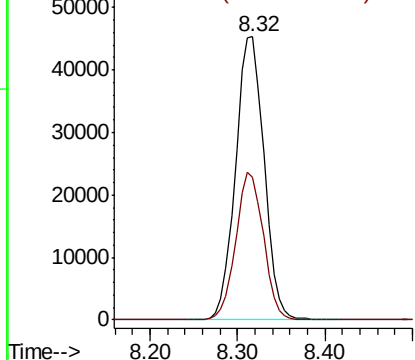


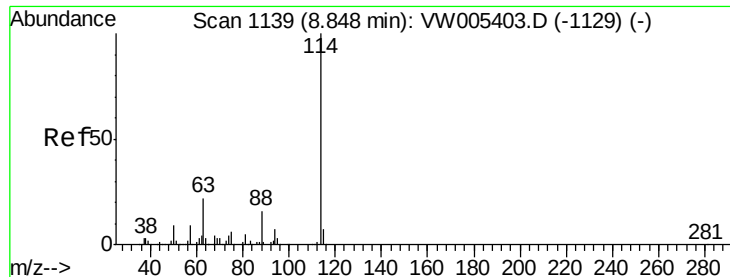
#33
1,2-Dichloroethane-d4
Concen: 43.493 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VW005442.D
Acq: 17 Sep 2018 18:52

Tgt Ion: 65 Resp: 103172
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

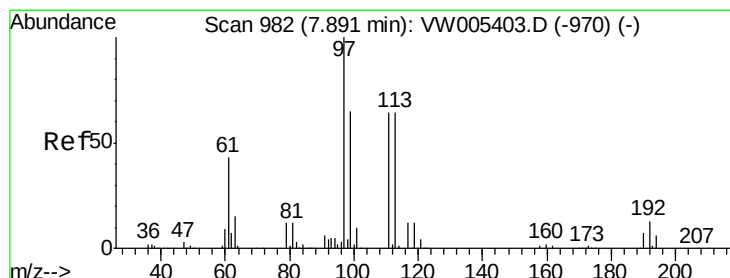
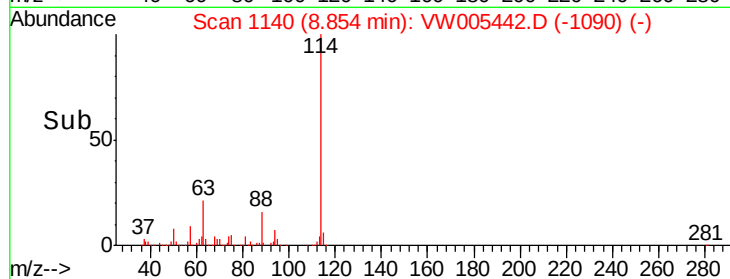
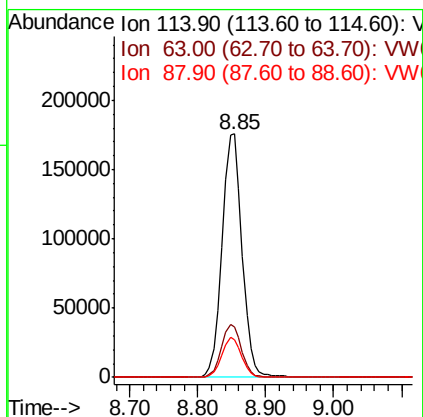
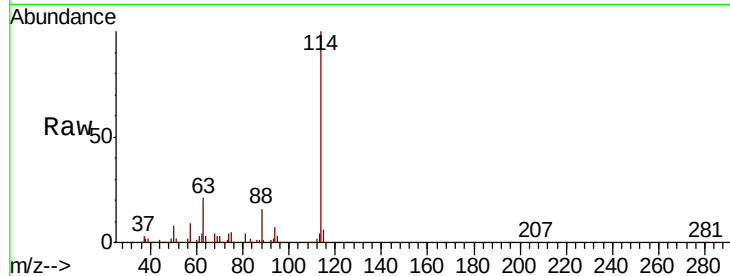




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005442.D
 Acq: 17 Sep 2018 18:52

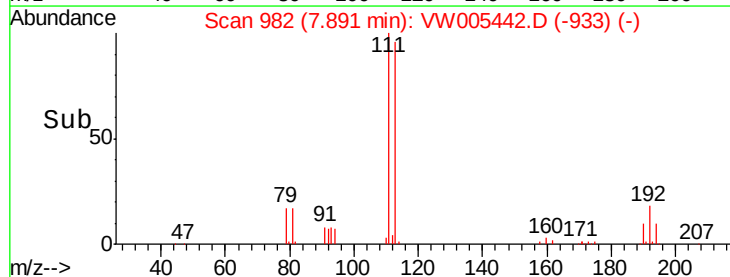
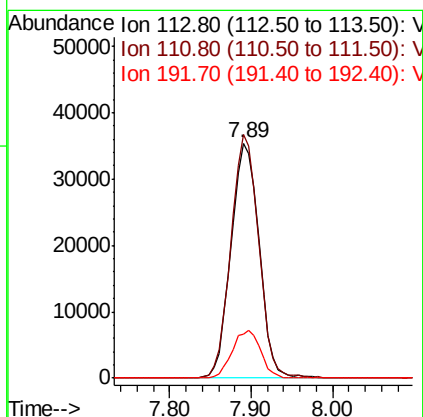
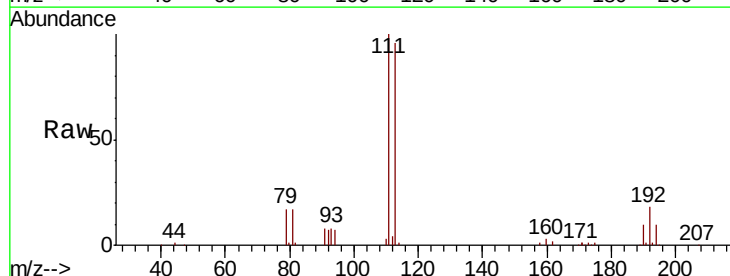
Instrument :
 MSVOA_W
 ClientSampleId :
 PHASE-1

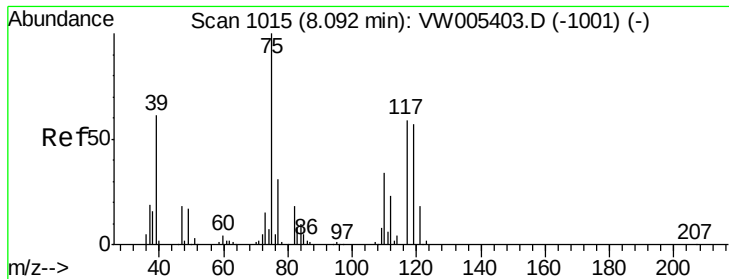
Tgt Ion:114 Resp: 358069
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.4
 88 15.7 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 41.946 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005442.D
 Acq: 17 Sep 2018 18:52

Tgt Ion:113 Resp: 84213
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.3 123.5
 192 20.5 16.5 24.7

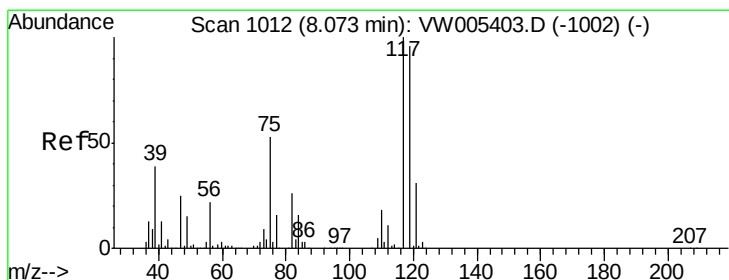
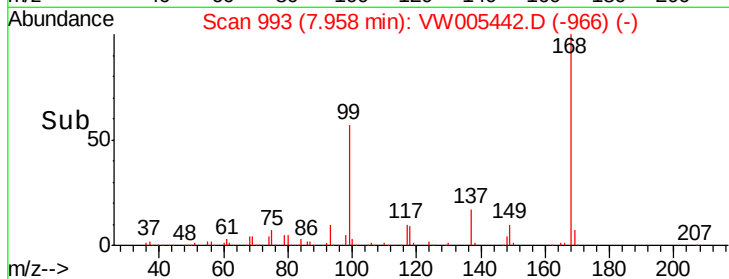
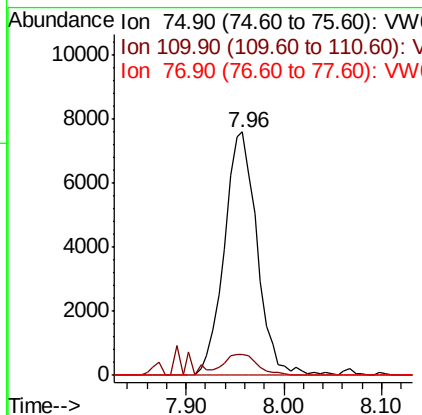
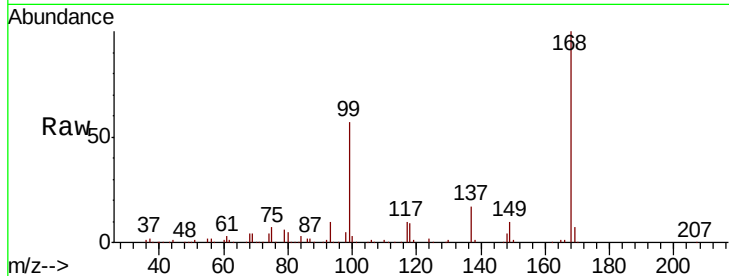




#36
 1,1-Dichloropropene
 Concen: 5.209 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW005442.D
 Acq: 17 Sep 2018 18:52

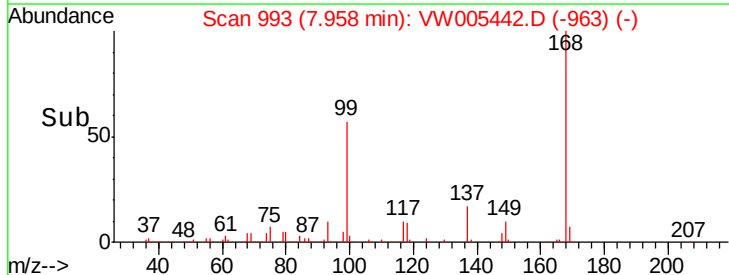
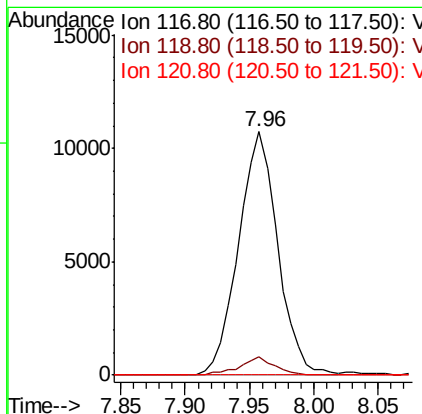
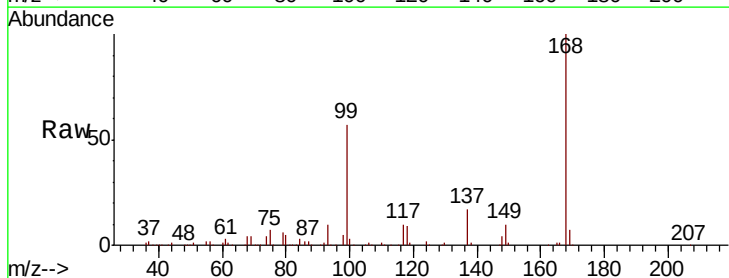
Instrument :
 MSVOA_W
 ClientSampleId :
 PHASE-1

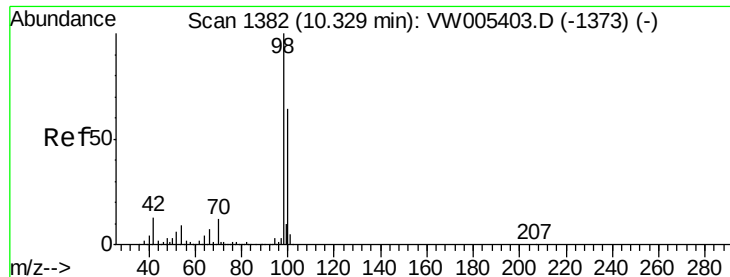
Tgt Ion: 75 Resp: 17651
 Ion Ratio Lower Upper
 75 100
 110 8.7 16.8 50.4#
 77 0.0 24.2 36.4#



#38
 Carbon Tetrachloride
 Concen: 6.407 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VW005442.D
 Acq: 17 Sep 2018 18:52

Tgt Ion: 117 Resp: 22623
 Ion Ratio Lower Upper
 117 100
 119 7.4 76.8 115.2#
 121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 37.120 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005442.D

Acq: 17 Sep 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

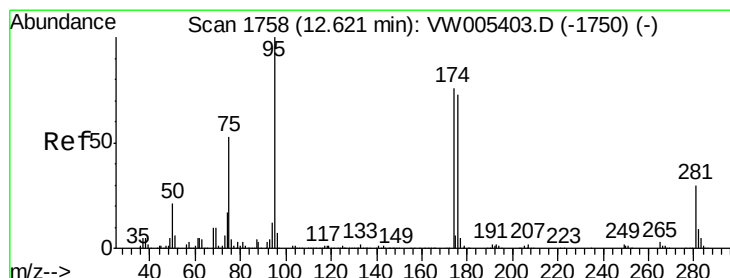
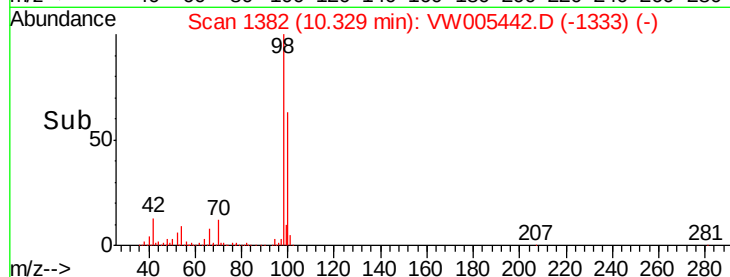
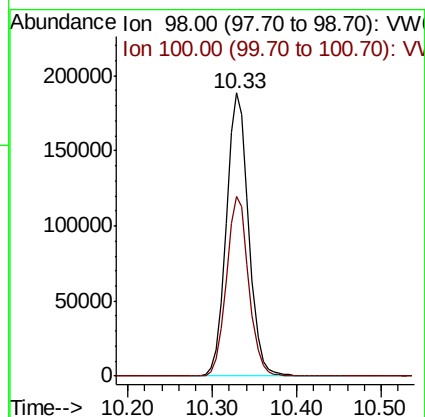
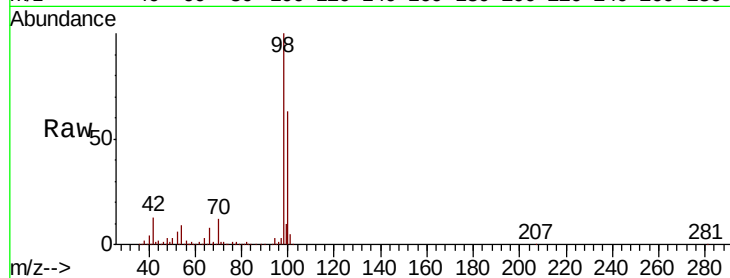
PHASE-1

Tgt Ion: 98 Resp: 341289

Ion Ratio Lower Upper

98 100

100 63.4 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 29.785 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005442.D

Acq: 17 Sep 2018 18:52

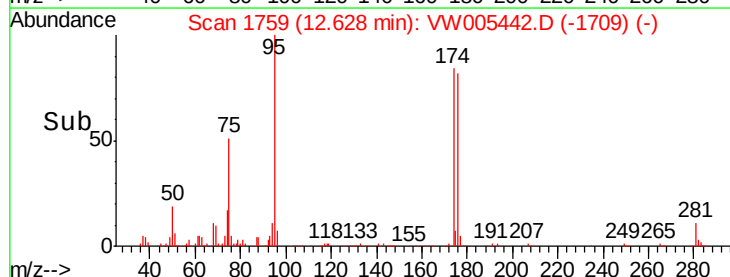
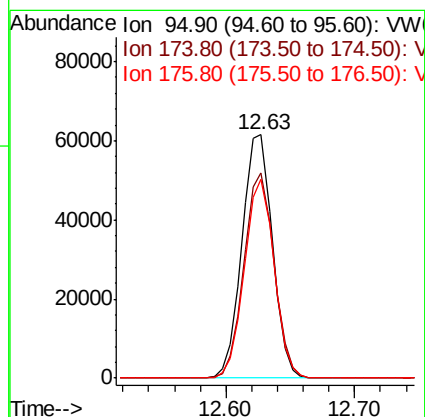
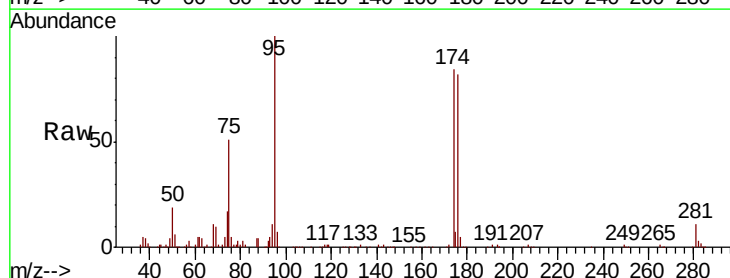
Tgt Ion: 95 Resp: 100411

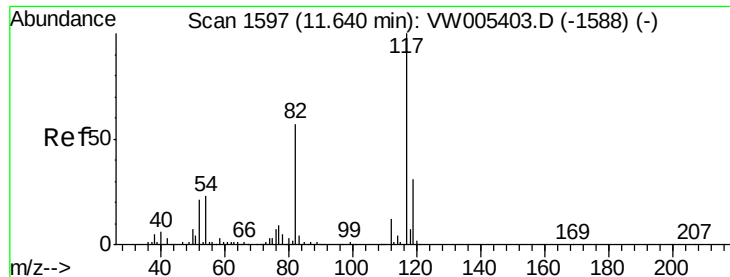
Ion Ratio Lower Upper

95 100

174 83.2 0.0 161.2

176 79.7 0.0 156.6

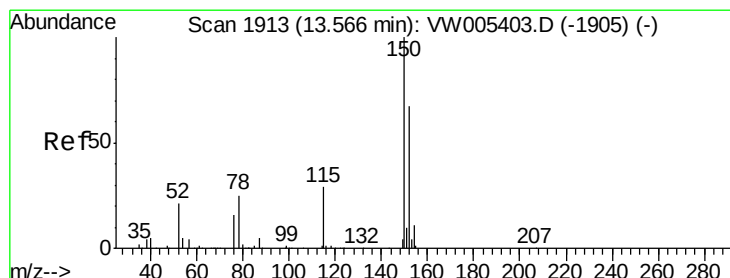
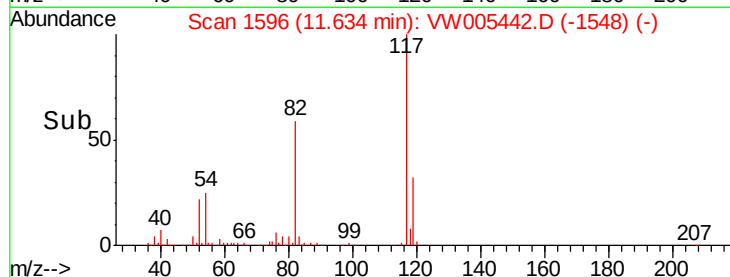
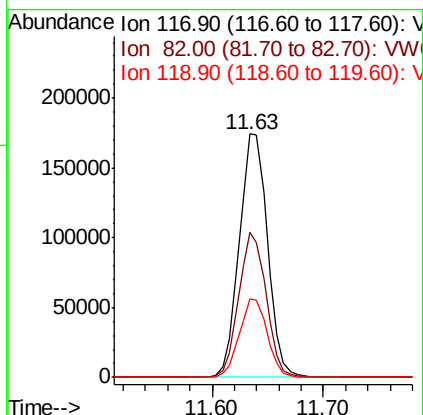
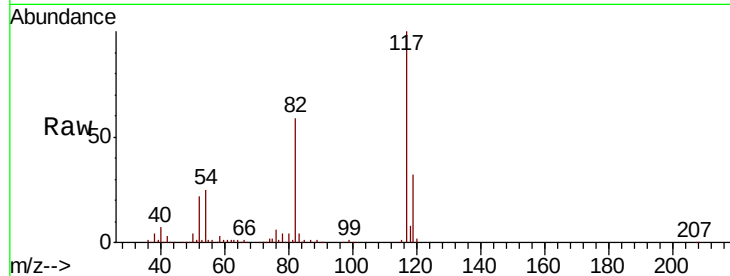




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005442.D
Acq: 17 Sep 2018 18:52

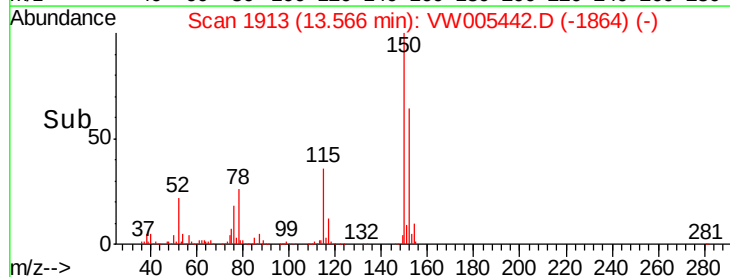
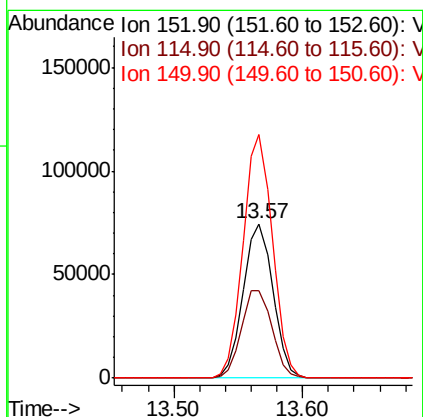
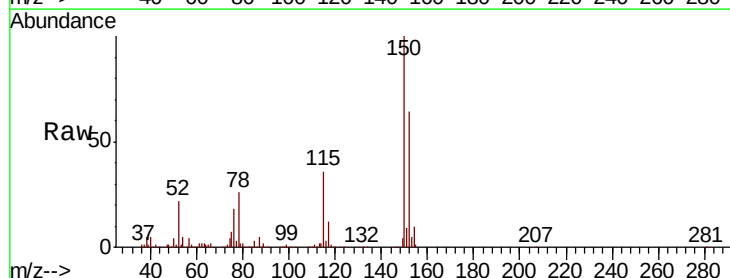
Instrument :
MSVOA_W
ClientSampleId :
PHASE-1

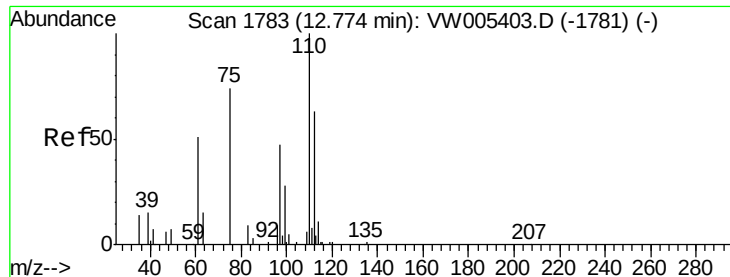
Tgt Ion:117 Resp: 306825
Ion Ratio Lower Upper
117 100
82 59.3 45.9 68.9
119 32.4 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005442.D
Acq: 17 Sep 2018 18:52

Tgt Ion:152 Resp: 119364
Ion Ratio Lower Upper
152 100
115 58.5 29.5 88.5
150 155.1 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 53.137 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. -0.15 min

Lab File: VW005442.D

Acq: 17 Sep 2018 18:52

Instrument :

MSVOA_W

ClientSampleId :

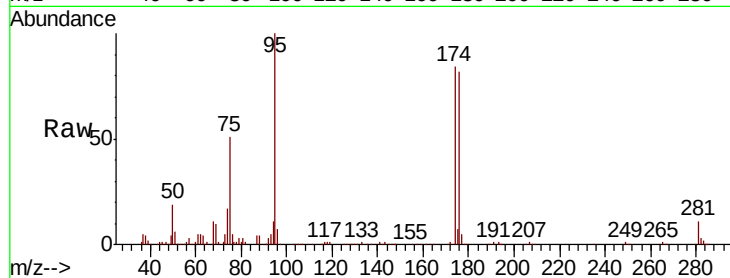
PHASE-1

Tgt Ion: 75 Resp: 52167

Ion Ratio Lower Upper

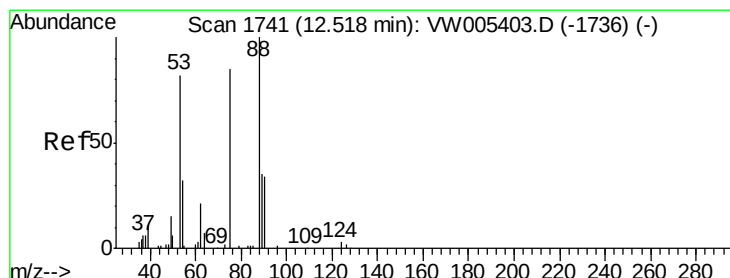
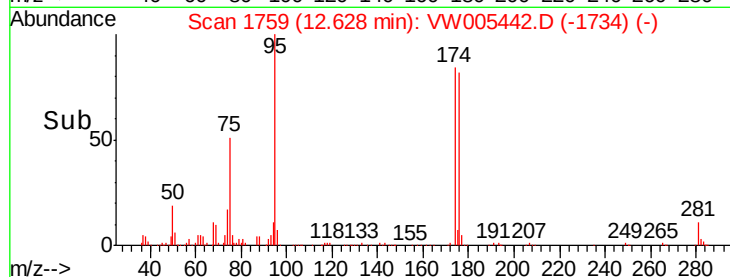
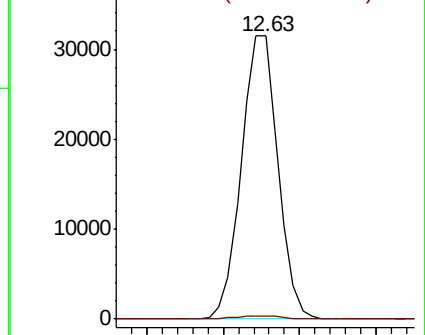
75 100

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: 137.841 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.11 min

Lab File: VW005442.D

Acq: 17 Sep 2018 18:52

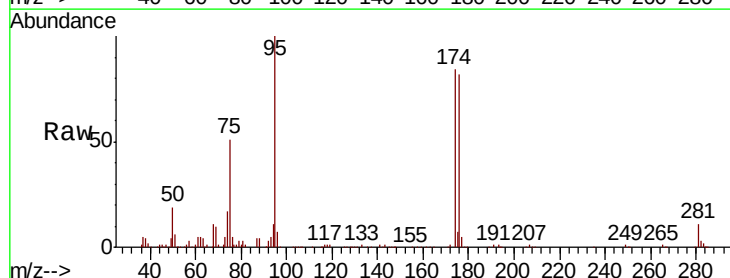
Tgt Ion: 75 Resp: 52167

Ion Ratio Lower Upper

75 100

53 0.2 83.2 124.8#

89 0.1 36.6 54.8#



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

