

Data File : VW008469.D
Acq On : 30 Jan 2019 16:45
Operator : SY/VA
Sample : K1282-29
Misc : 7.26G/5ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-8-AB

Quant Time: Jan 31 00:28:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	383743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	614434	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	563008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	273038	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	200670	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	
35) Dibromofluoromethane	7.88	113	194211	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	
50) Toluene-d8	10.32	98	730380	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.62	95	272448	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	

Target Compounds

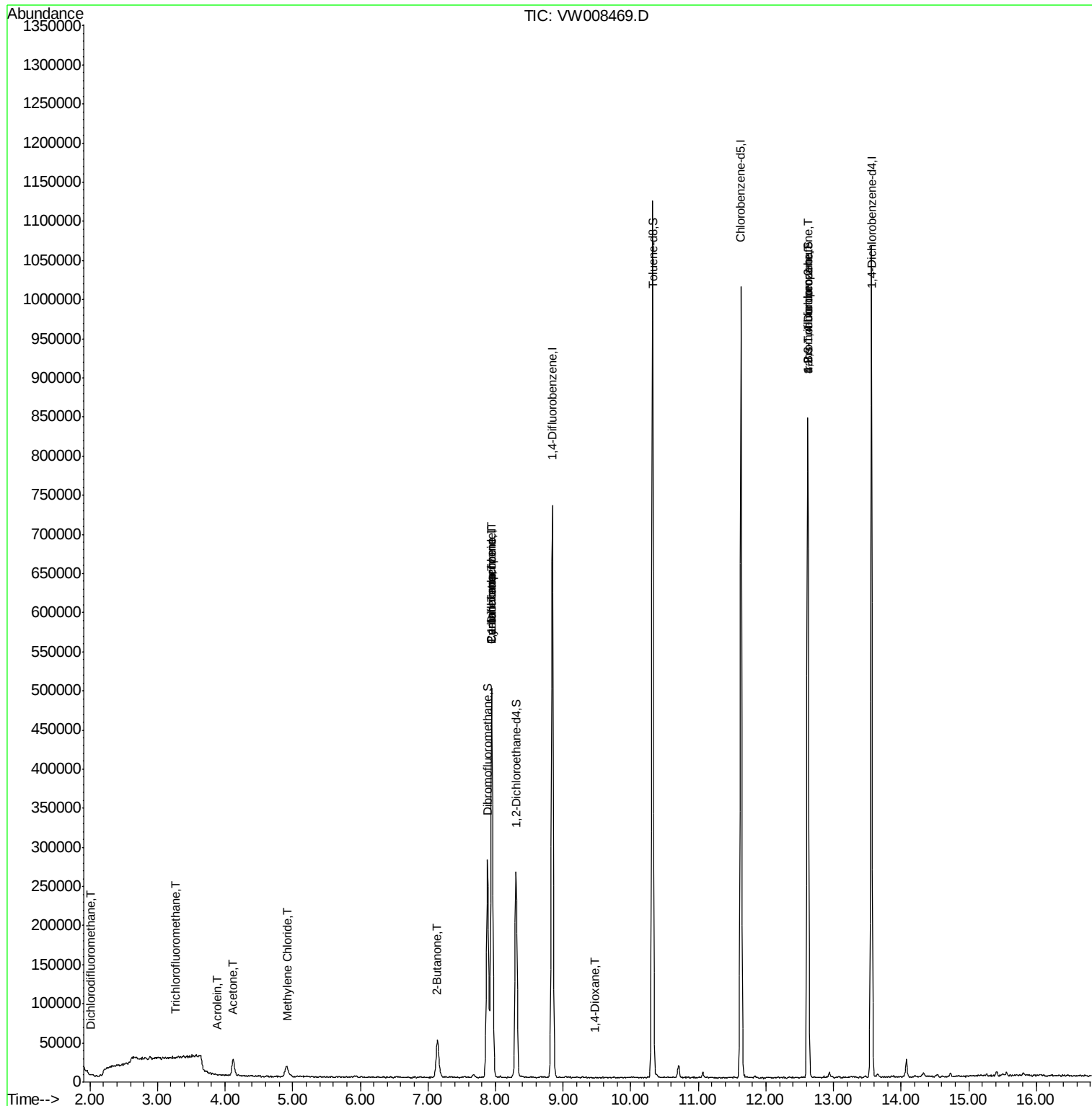
						Qvalue
2) Dichlorodifluoromethane	2.01	85	245	3.356	ug/l #	41
7) Trichlorofluoromethane	3.26	101	158	4.766	ug/l #	17
13) Acrolein	3.88	56	259	5.136	ug/l #	76
16) Acetone	4.12	43	36799	43.467	ug/l	97
20) Methylene Chloride	4.92	84	11549	2.960	ug/l #	93
25) 2-Butanone	7.15	43	2811	2.391	ug/l #	81
31) Cyclohexane	7.95	56	8098	1.095	ug/l #	5
36) 1,1-Dichloropropene	7.95	75	27106	4.670	ug/l #	51
38) Carbon Tetrachloride	7.95	117	36006	6.165	ug/l #	17
49) 1,4-Dioxane	9.46	88	93	2.664	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	136175	57.364	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	136175	113.299	ug/l #	12

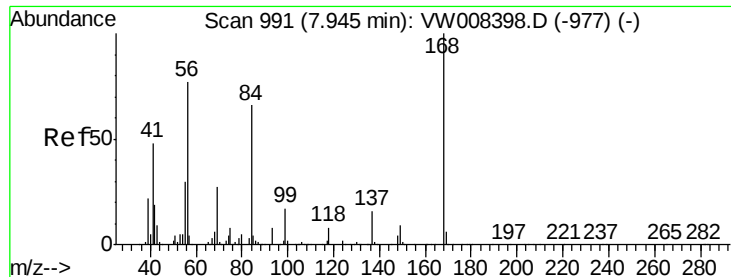
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008469.D

Acq: 30 Jan 2019 16:45

Instrument :

MSVOA_W

ClientSampled :

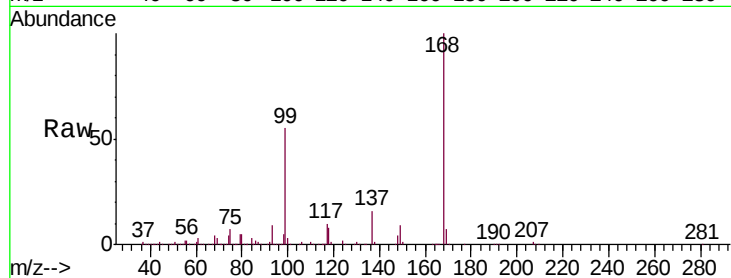
TP-8-AB

Tgt Ion:168 Resp: 383743

Ion Ratio Lower Upper

168 100

99 55.0 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

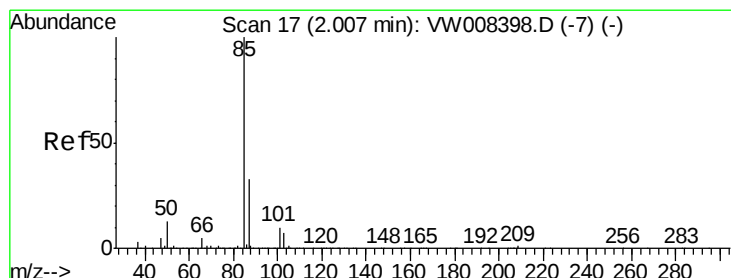
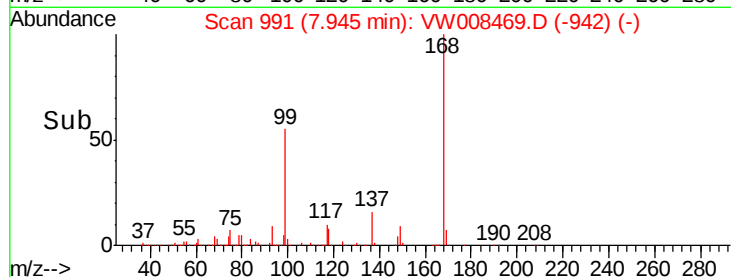
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 3.356 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW008469.D

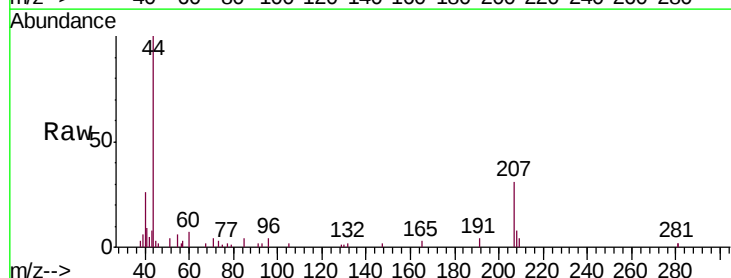
Acq: 30 Jan 2019 16:45

Tgt Ion: 85 Resp: 245

Ion Ratio Lower Upper

85 100

87 0.0 16.7 50.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

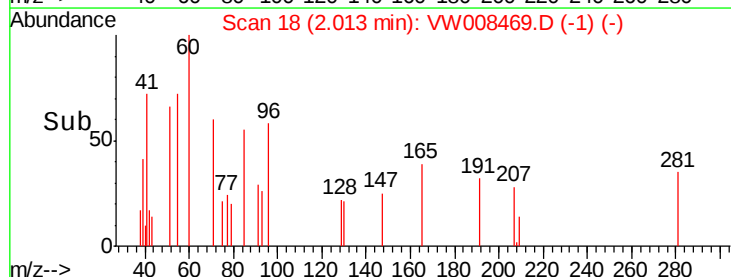
150

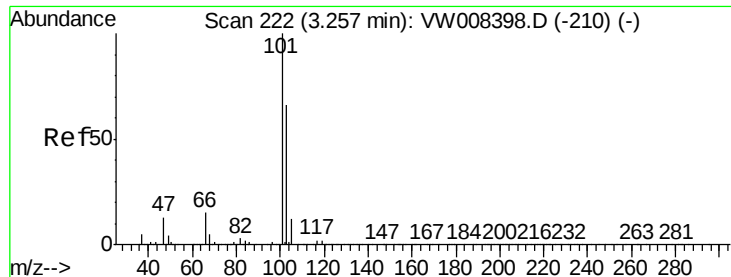
100

50

0

Time-->



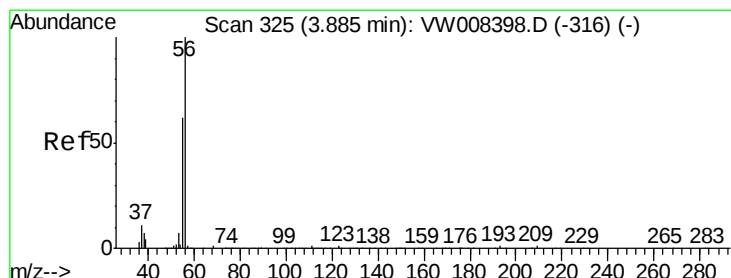
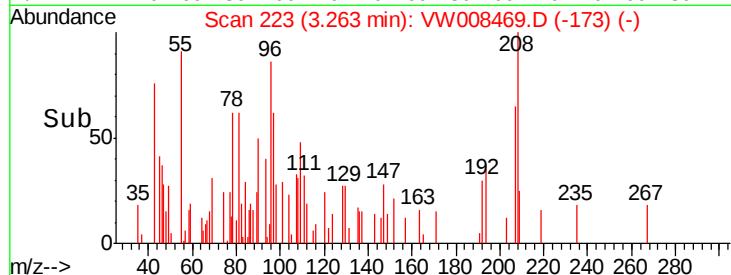
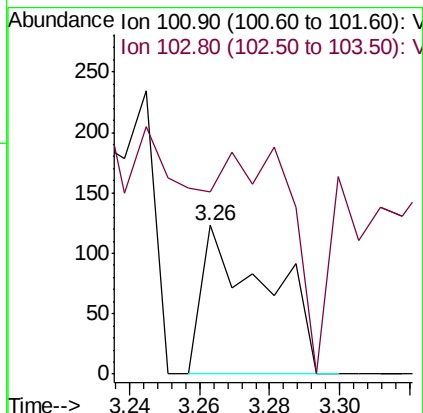
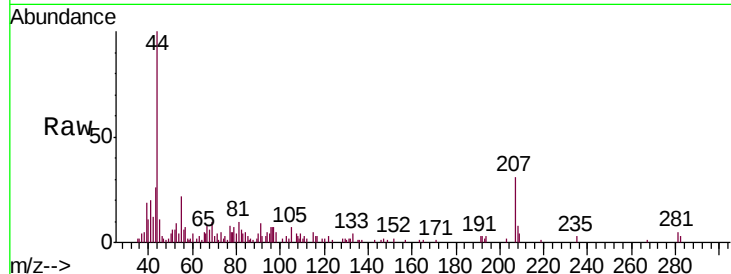


#7

Trichlorofluoromethane
 Concen: 4.766 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VW008469.D
 Acq: 30 Jan 2019 16:45

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-AB

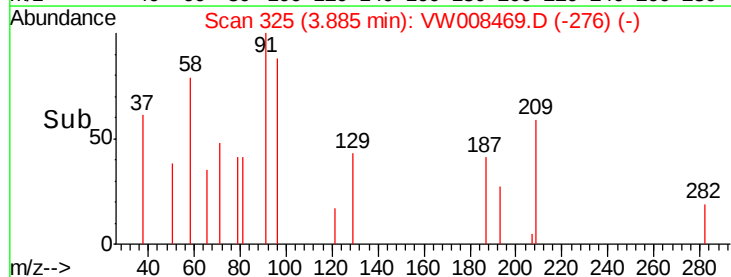
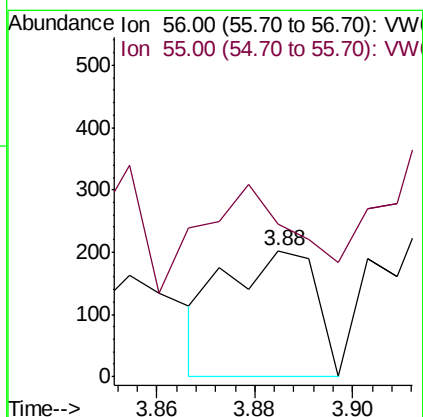
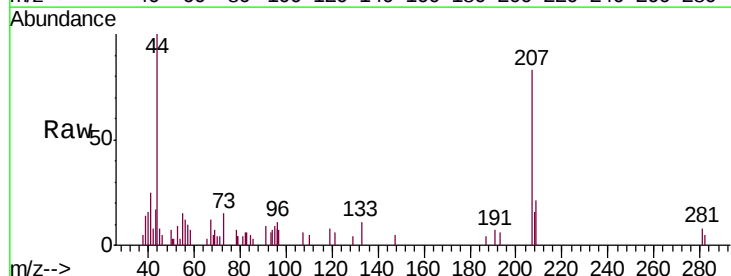
Tgt Ion: 101 Resp: 158
 Ion Ratio Lower Upper
 101 100
 103 0.0 52.5 78.7#

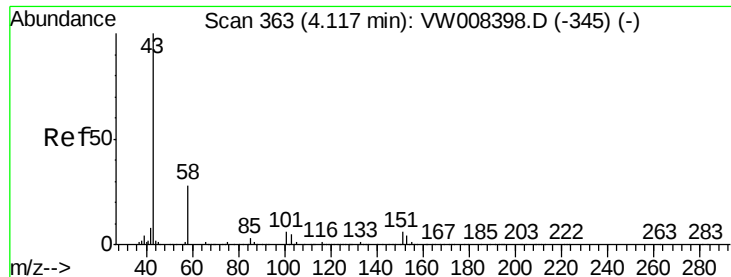


#13

Acrolein
 Concen: 5.136 ug/l
 RT: 3.88 min Scan# 325
 Delta R.T. -0.00 min
 Lab File: VW008469.D
 Acq: 30 Jan 2019 16:45

Tgt Ion: 56 Resp: 259
 Ion Ratio Lower Upper
 56 100
 55 90.3 56.7 85.1#

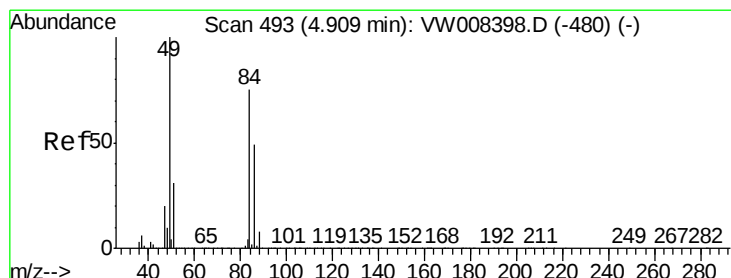
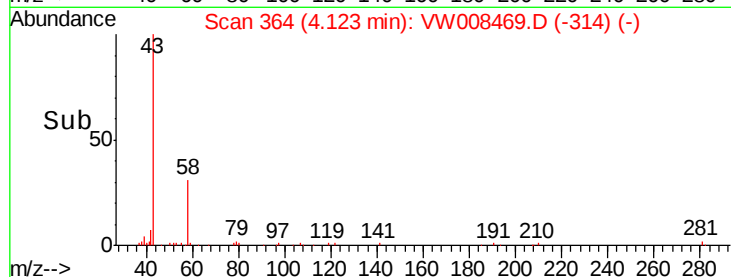
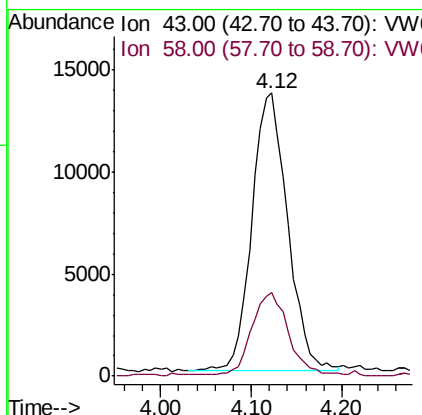
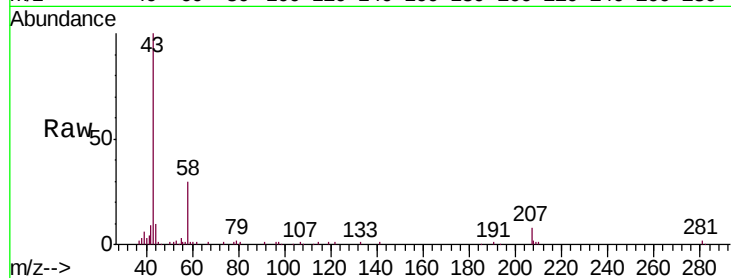




#16
Acetone
Concen: 43.467 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW008469.D
Acq: 30 Jan 2019 16:45

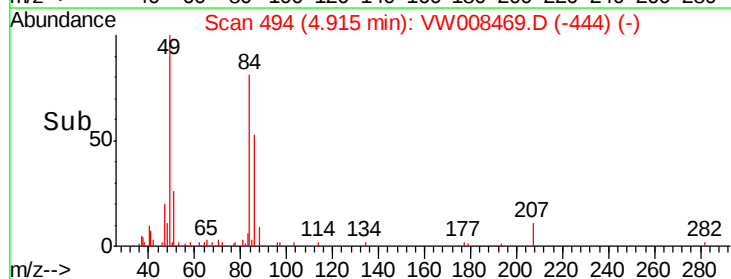
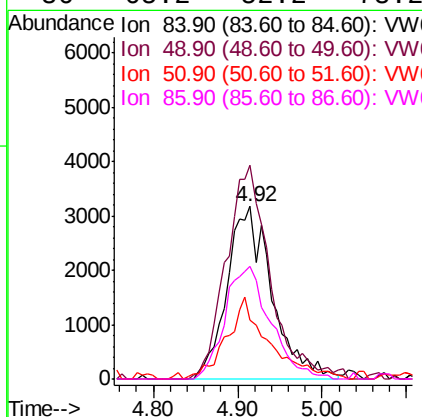
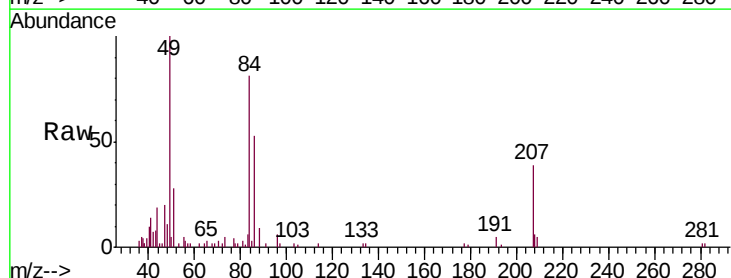
Instrument :
MSVOA_W
ClientSampleId :
TP-8-AB

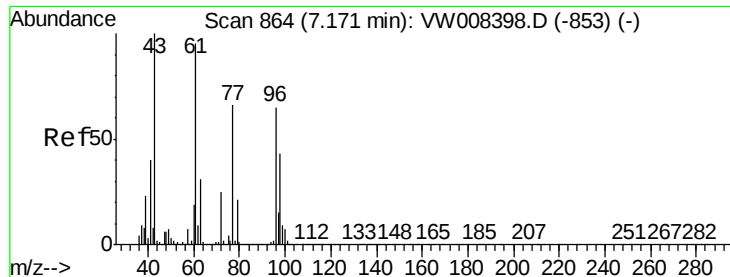
Tgt Ion: 43 Resp: 36799
Ion Ratio Lower Upper
43 100
58 29.8 22.6 34.0



#20
Methylene Chloride
Concen: 2.960 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008469.D
Acq: 30 Jan 2019 16:45

Tgt Ion: 84 Resp: 11549
Ion Ratio Lower Upper
84 100
49 123.9 106.8 160.2
51 32.7 32.9 49.3#
86 65.2 52.2 78.2





#25

2-Butanone

Concen: 2.391 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW008469.D

Acq: 30 Jan 2019 16:45

Instrument :

MSVOA_W

ClientSampled :

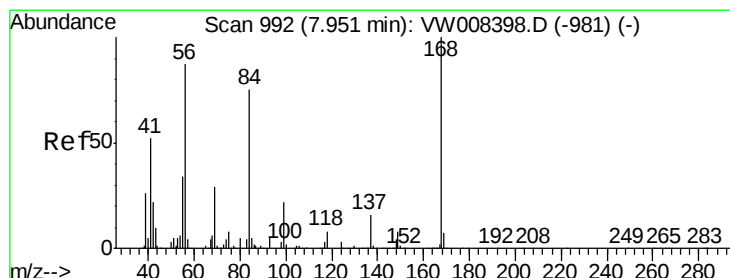
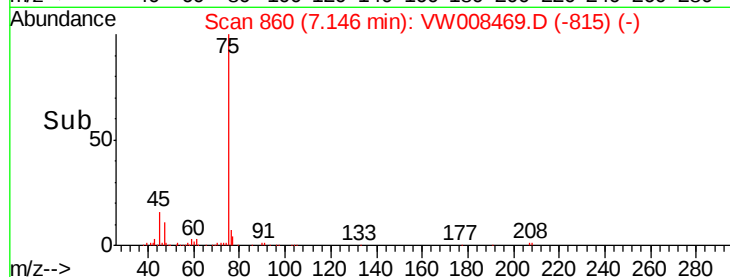
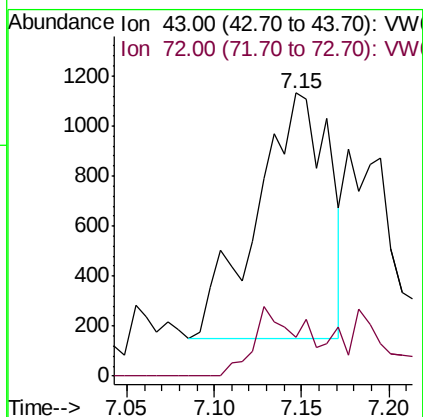
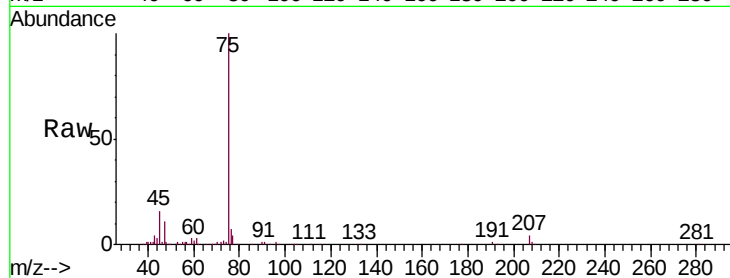
TP-8-AB

Tgt Ion: 43 Resp: 2811

Ion Ratio Lower Upper

43 100

72 15.7 20.1 30.1#



#31

Cyclohexane

Concen: 1.095 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008469.D

Acq: 30 Jan 2019 16:45

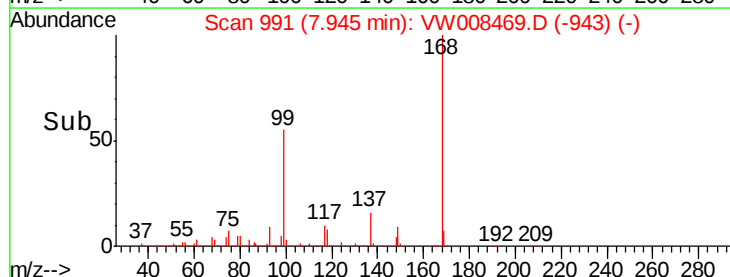
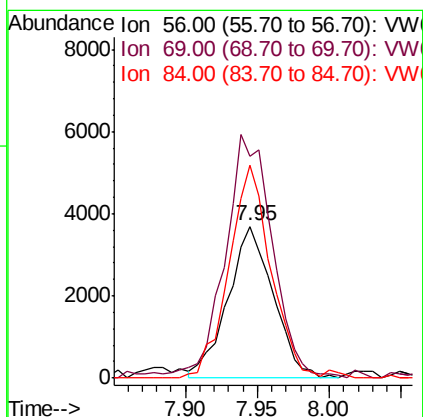
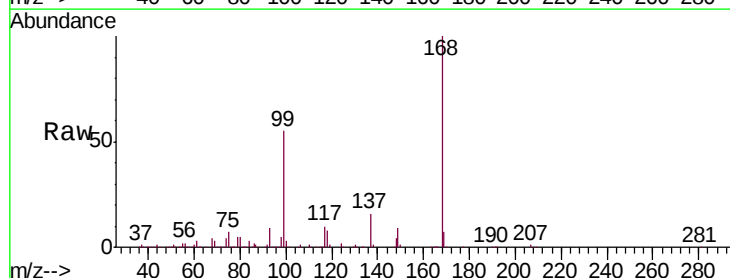
Tgt Ion: 56 Resp: 8098

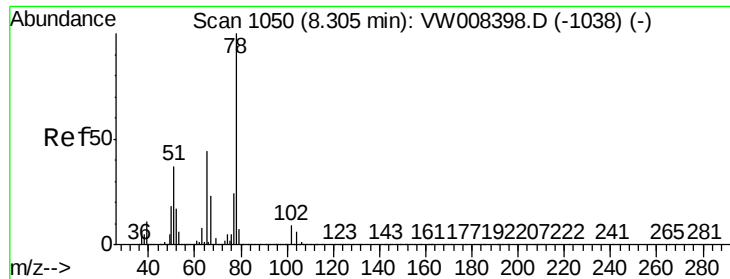
Ion Ratio Lower Upper

56 100

69 143.6 26.4 39.6#

84 137.9 69.1 103.7#

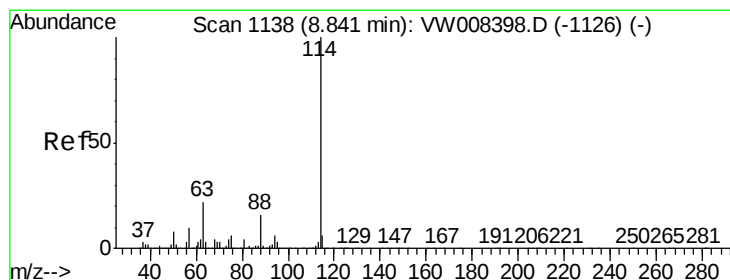
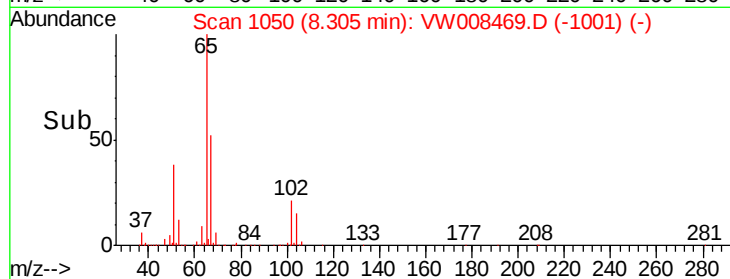
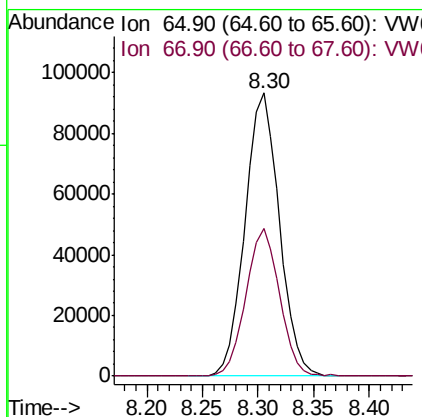
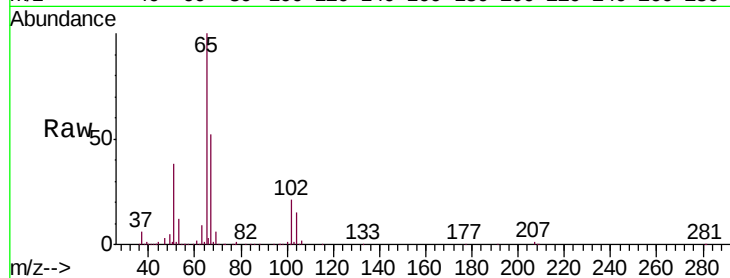




#33
 1,2-Dichloroethane-d4
 Concen: 53.229 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008469.D
 Acq: 30 Jan 2019 16:45

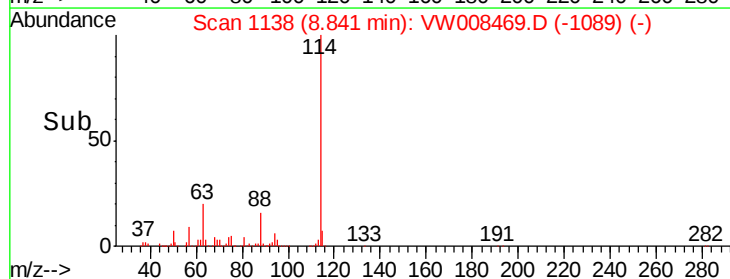
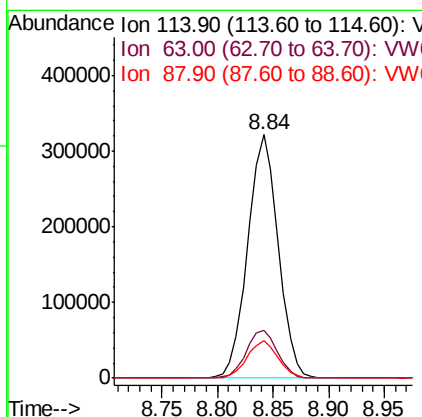
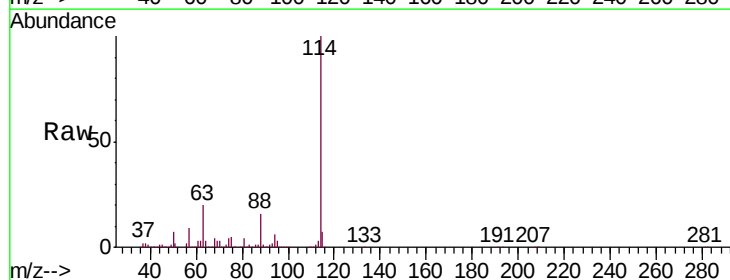
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-AB

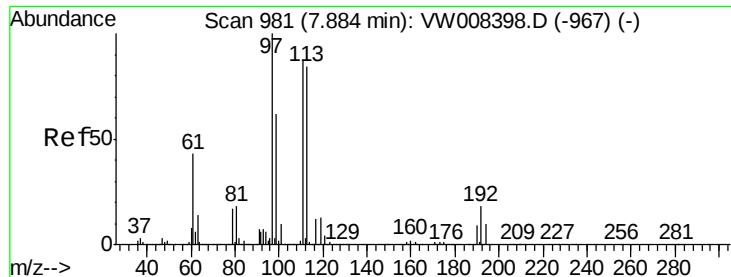
Tgt Ion: 65 Resp: 200670
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008469.D
 Acq: 30 Jan 2019 16:45

Tgt Ion: 114 Resp: 614434
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 43.6
 88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 54.056 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008469.D

Acq: 30 Jan 2019 16:45

Instrument :

MSVOA_W

ClientSampled :

TP-8-AB

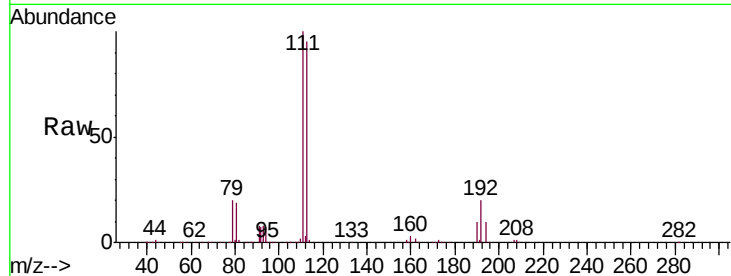
Tgt Ion:113 Resp: 194211

Ion Ratio Lower Upper

113 100

111 102.4 81.0 121.4

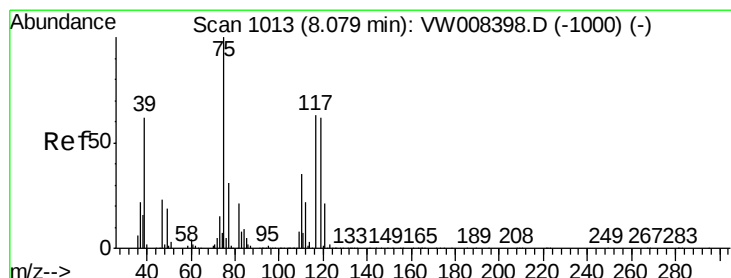
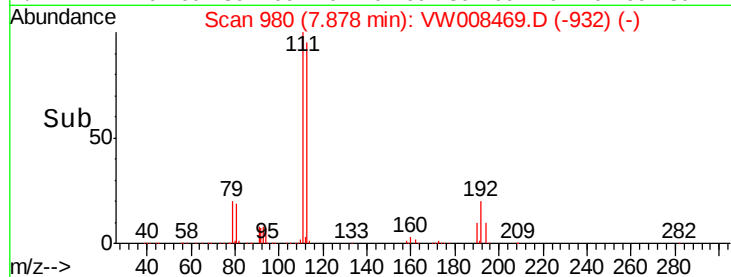
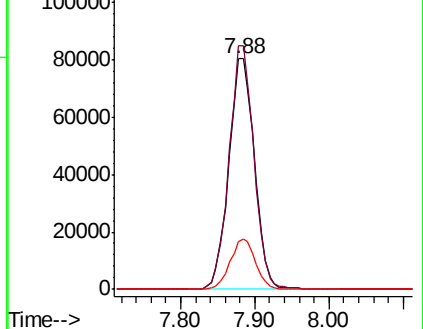
192 21.5 16.8 25.2



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: 4.670 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW008469.D

Acq: 30 Jan 2019 16:45

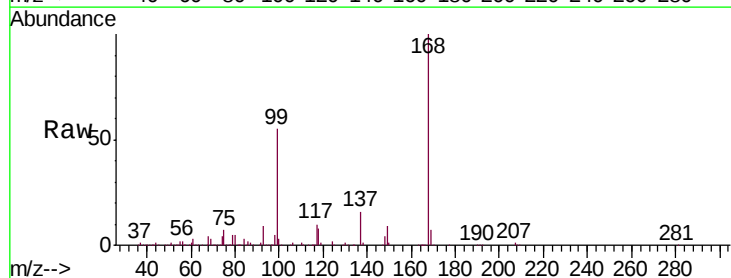
Tgt Ion: 75 Resp: 27106

Ion Ratio Lower Upper

75 100

110 9.5 17.3 52.0#

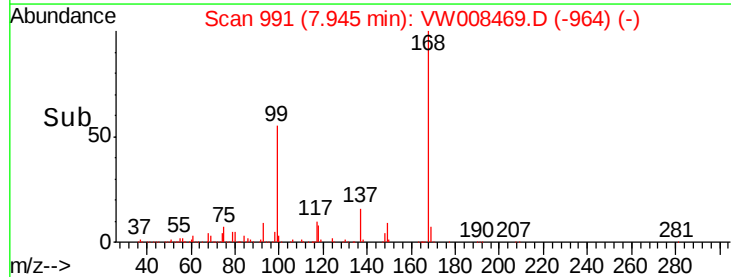
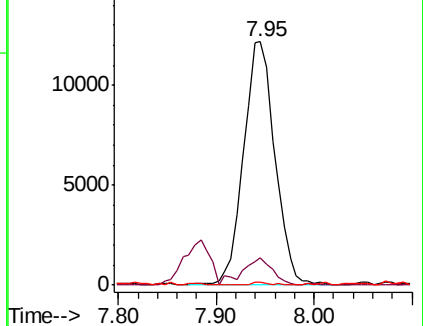
77 0.5 24.7 37.1#

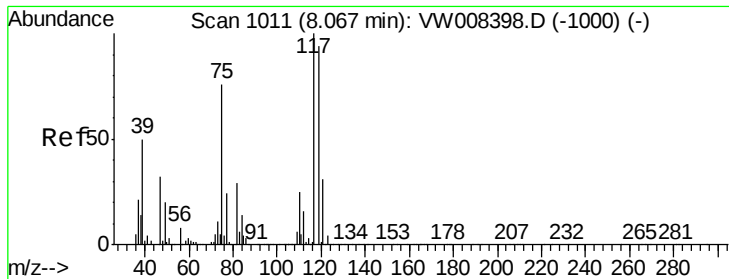


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

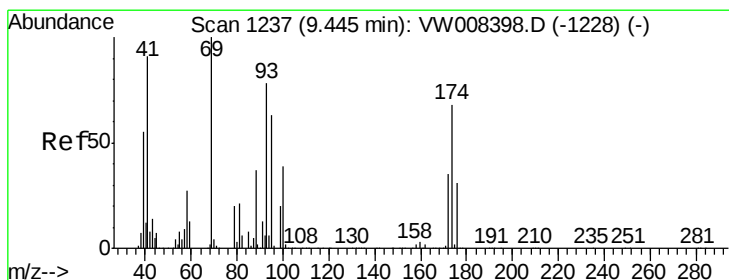
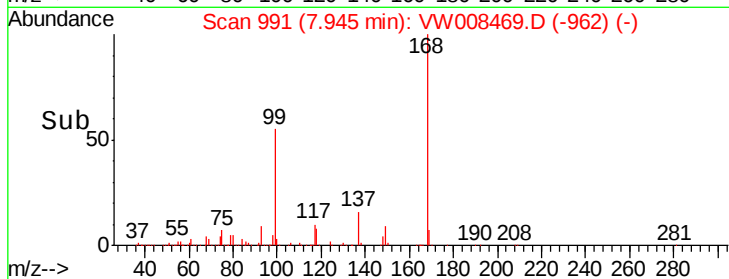
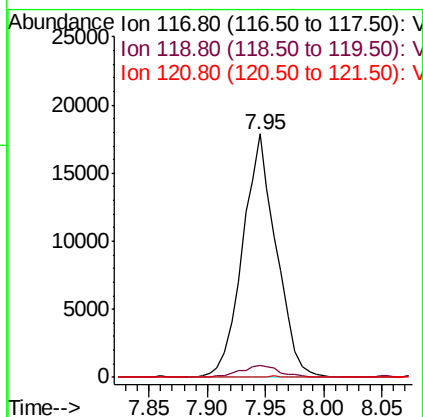
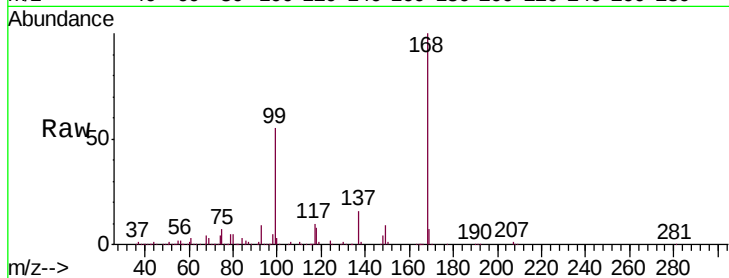




#38
Carbon Tetrachloride
Concen: 6.165 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008469.D
Acq: 30 Jan 2019 16:45

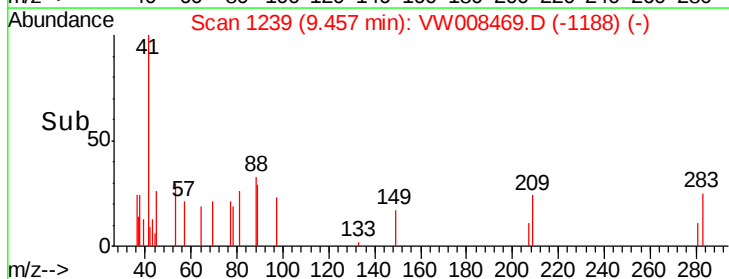
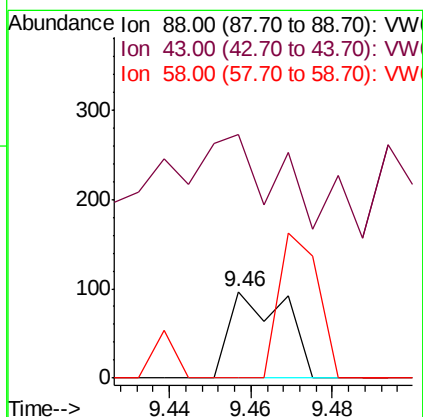
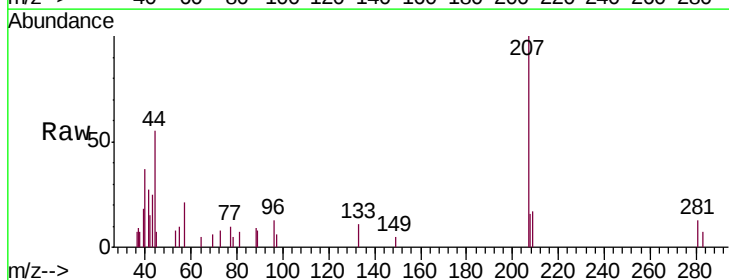
Instrument :
MSVOA_W
ClientSampleId :
TP-8-AB

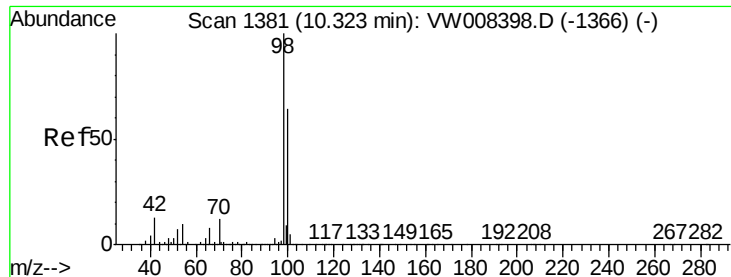
Tgt Ion: 117 Resp: 36006
Ion Ratio Lower Upper
117 100
119 5.0 75.0 112.4#
121 0.0 24.9 37.3#



#49
1,4-Dioxane
Concen: 2.664 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW008469.D
Acq: 30 Jan 2019 16:45

Tgt Ion: 88 Resp: 93
Ion Ratio Lower Upper
88 100
43 191.4 29.0 43.4#
58 117.2 56.4 84.6#





#50

Toluene-d8

Concen: 50.695 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008469.D

Acq: 30 Jan 2019 16:45

Instrument :

MSVOA_W

ClientSampleId :

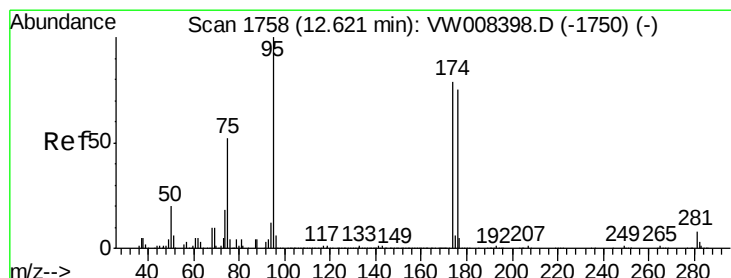
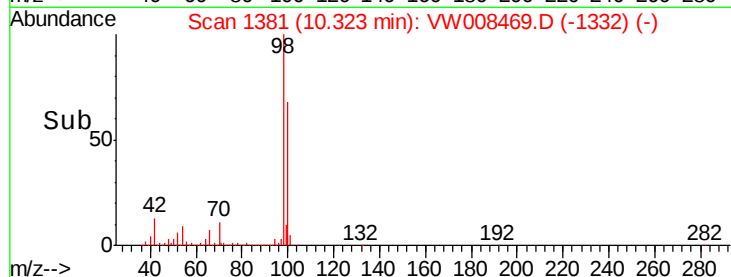
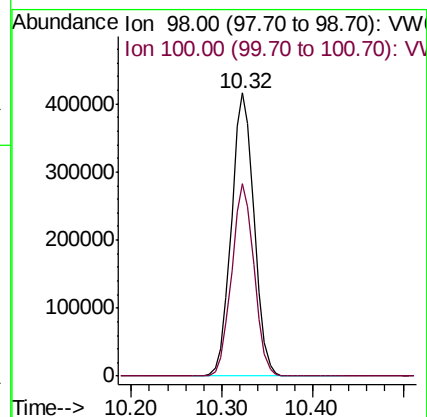
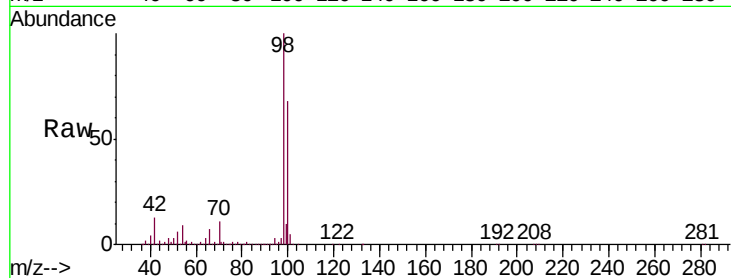
TP-8-AB

Tgt Ion: 98 Resp: 730380

Ion Ratio Lower Upper

98 100

100 66.9 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 49.197 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008469.D

Acq: 30 Jan 2019 16:45

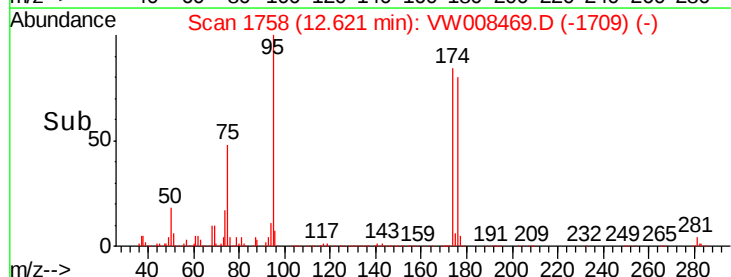
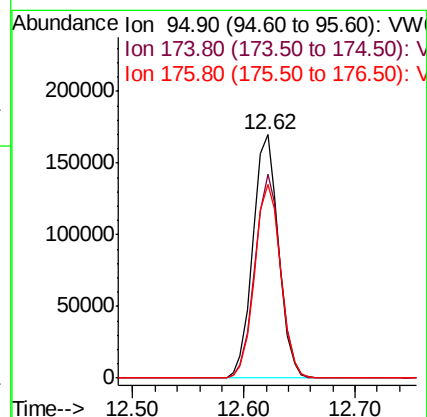
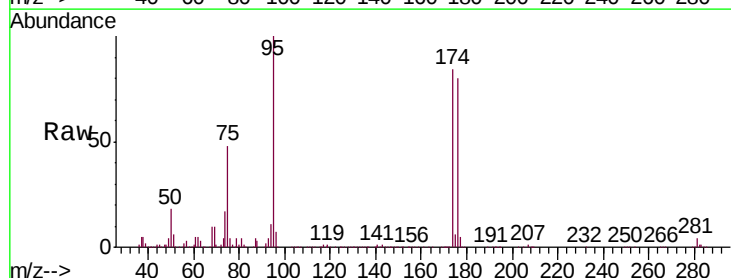
Tgt Ion: 95 Resp: 272448

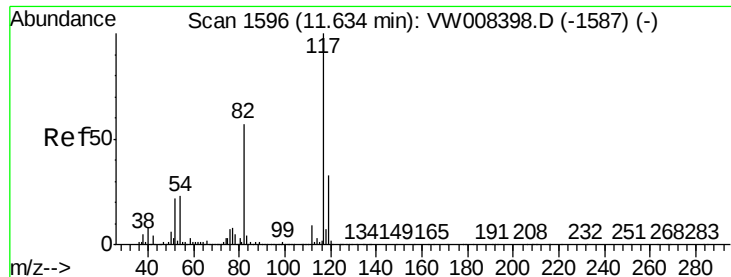
Ion Ratio Lower Upper

95 100

174 83.4 0.0 157.6

176 81.1 0.0 151.8

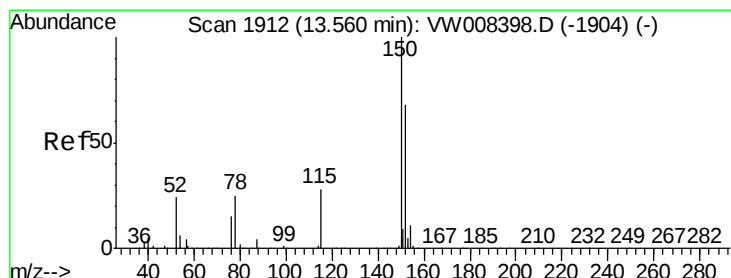
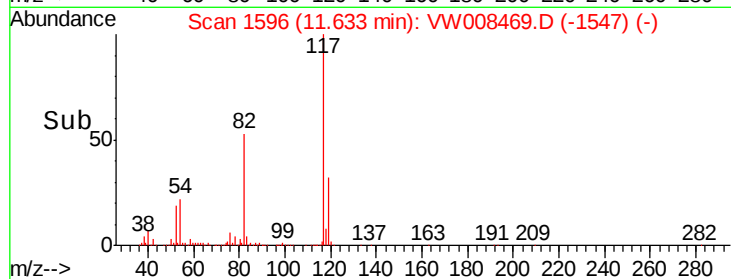
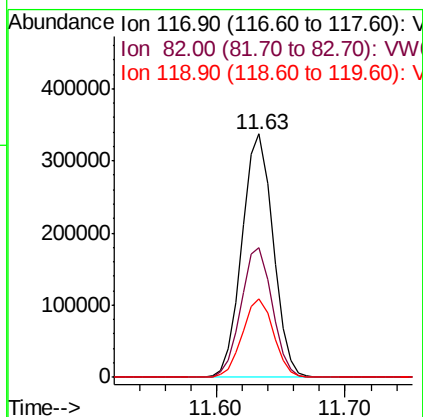
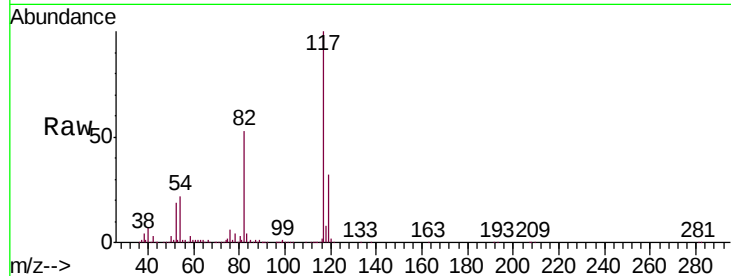




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008469.D
Acq: 30 Jan 2019 16:45

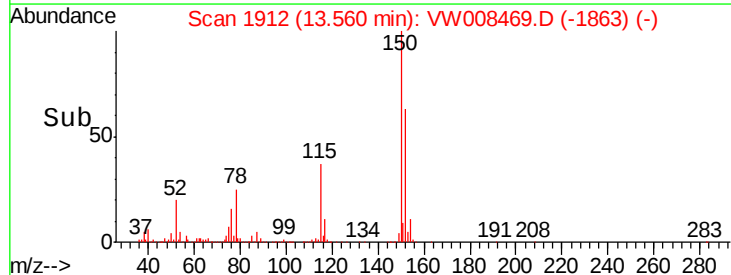
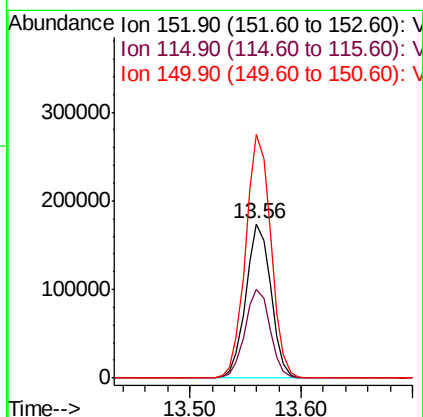
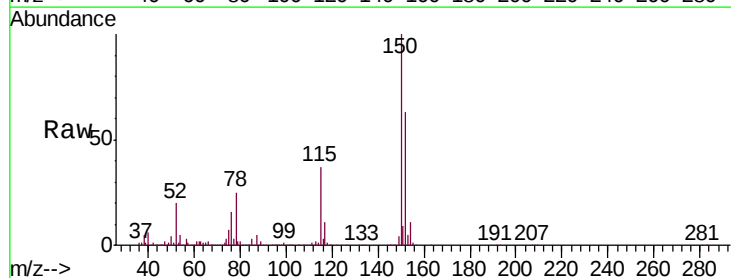
Instrument :
MSVOA_W
ClientSampleId :
TP-8-AB

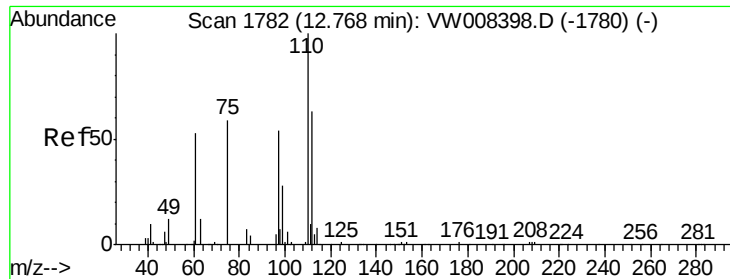
Tgt Ion:117 Resp: 563008
Ion Ratio Lower Upper
117 100
82 53.3 45.4 68.0
119 32.3 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008469.D
Acq: 30 Jan 2019 16:45

Tgt Ion:152 Resp: 273038
Ion Ratio Lower Upper
152 100
115 57.7 29.9 89.7
150 158.7 0.0 351.4

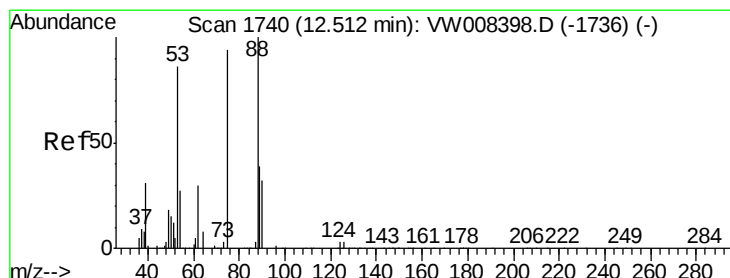
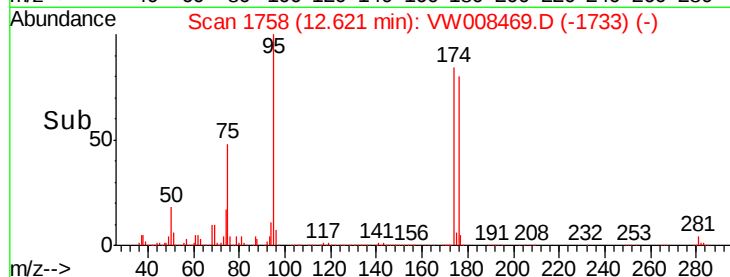
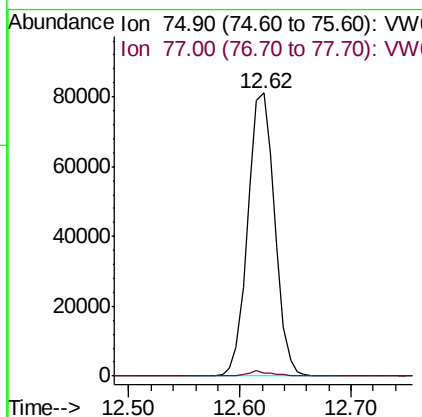
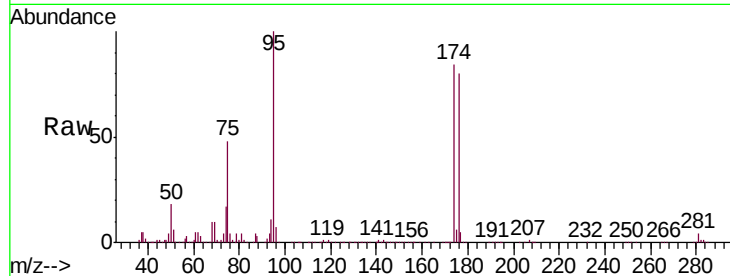




#76
 1,2,3-Trichloropropane
 Concen: 57.364 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW008469.D
 Acq: 30 Jan 2019 16:45

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-AB

Tgt Ion: 75 Resp: 136175
 Ion Ratio Lower Upper
 75 100
 77 1.6 180.7 542.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.299 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW008469.D
 Acq: 30 Jan 2019 16:45

Tgt Ion: 75 Resp: 136175
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.0 114.0#
 89 0.0 35.4 53.0#

