

Data File : VW008334.D
Acq On : 17 Jan 2019 17:58
Operator : SY/VA
Sample : K1191-02
Misc : 10.63G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SITE4-02

Quant Time: Jan 18 01:08:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:57:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	99316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	170605	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	159456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	74305	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	58523	56.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.30%	
35) Dibromofluoromethane	7.88	113	48115	44.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.36%	
50) Toluene-d8	10.32	98	212806	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
62) 4-Bromofluorobenzene	12.62	95	77023	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	

Target Compounds

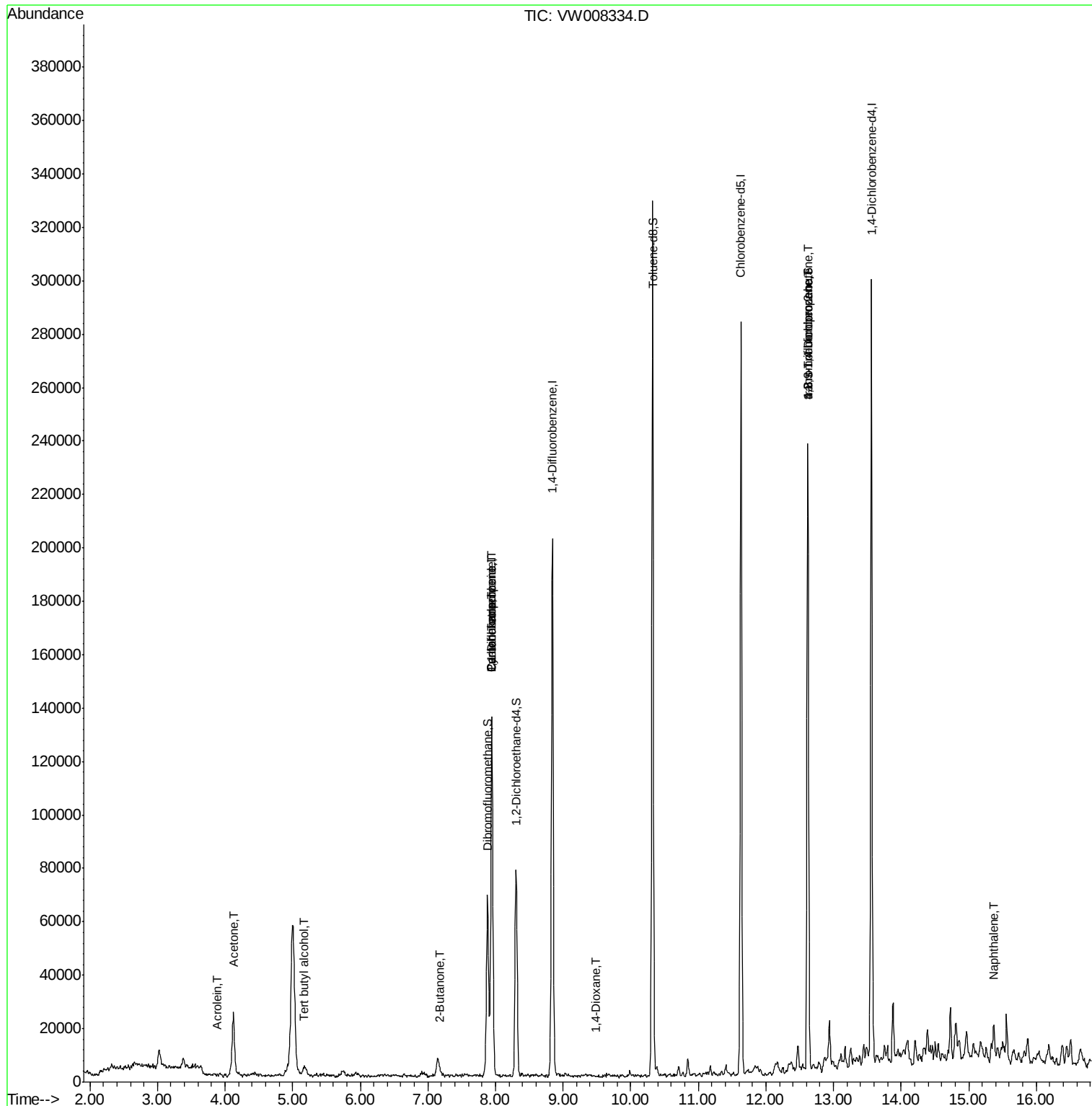
						Qvalue
11) Tert butyl alcohol	5.18	59	6477	93.114	ug/l #	93
13) Acrolein	3.89	56	61	8.591	ug/l #	17
16) Acetone	4.12	43	38985	162.487	ug/l	98
20) Methylene Chloride	4.91	84	1690	Below Cal	#	79
25) 2-Butanone	7.18	43	2627	8.549	ug/l #	87
31) Cyclohexane	7.95	56	2414	1.251	ug/l #	39
36) 1,1-Dichloropropene	7.95	75	7666	4.466	ug/l #	51
38) Carbon Tetrachloride	7.94	117	10149	5.988	ug/l #	19
49) 1,4-Dioxane	9.48	88	22	2.171	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	38529	56.940	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	38529	135.883	ug/l #	12
95) Naphthalene	15.37	128	10878	5.966	ug/l	97

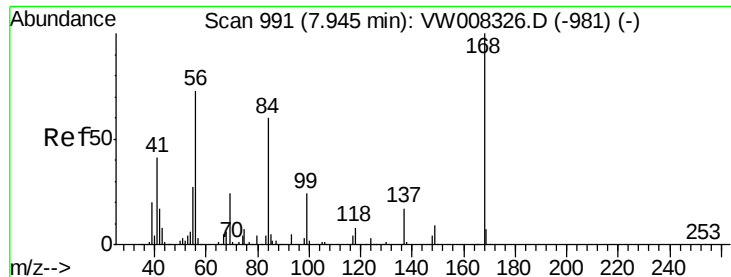
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW008334.D
Acq On : 17 Jan 2019 17:58
Operator : SY/VA
Sample : K1191-02
Misc : 10.63G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SITE4-02

Quant Time: Jan 18 01:08:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:57:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008334.D

Acq: 17 Jan 2019 17:58

Instrument :

MSVOA_W

ClientSampleId :

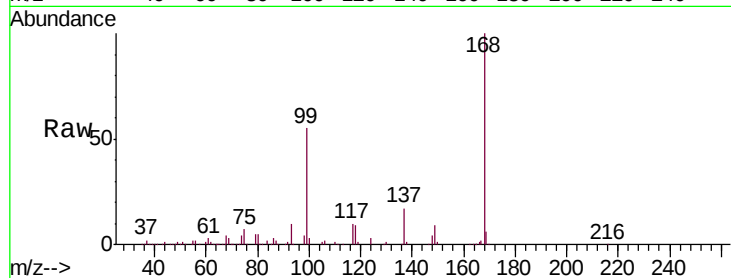
SITE4-02

Tgt Ion:168 Resp: 99316

Ion Ratio Lower Upper

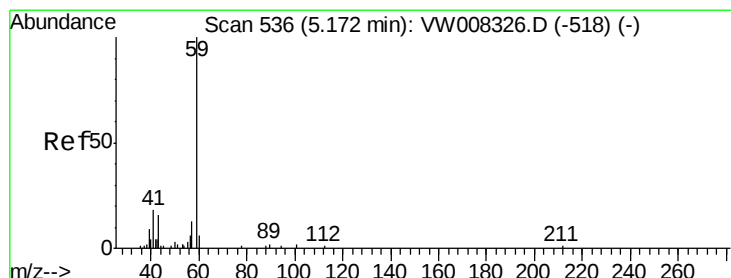
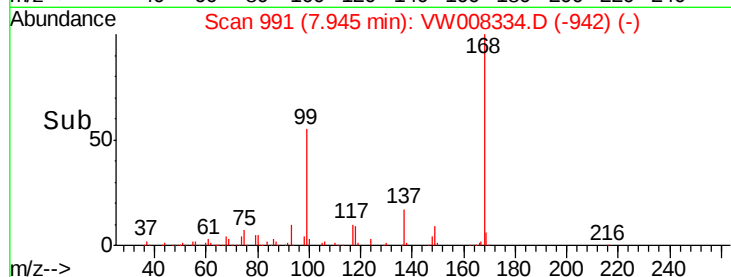
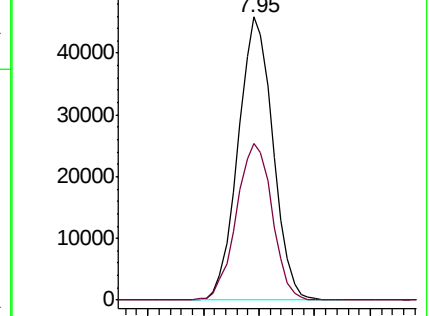
168 100

99 55.2 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 93.114 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW008334.D

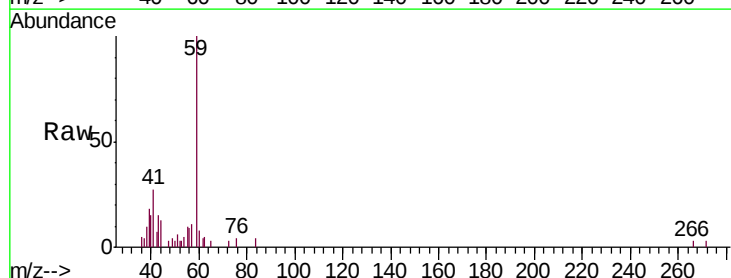
Acq: 17 Jan 2019 17:58

Tgt Ion: 59 Resp: 6477

Ion Ratio Lower Upper

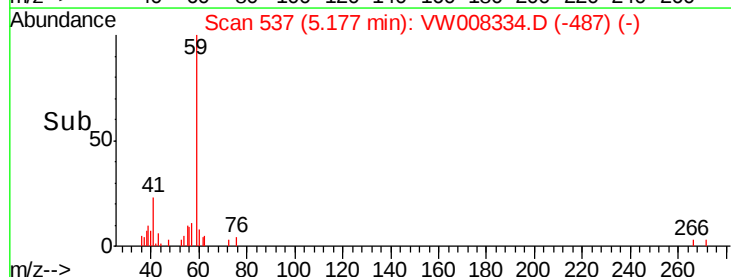
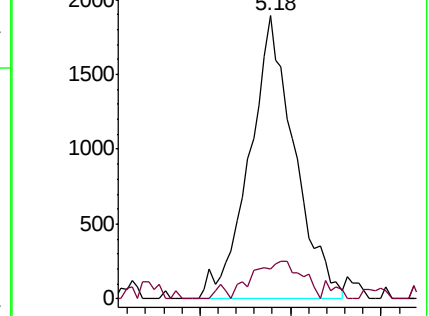
59 100

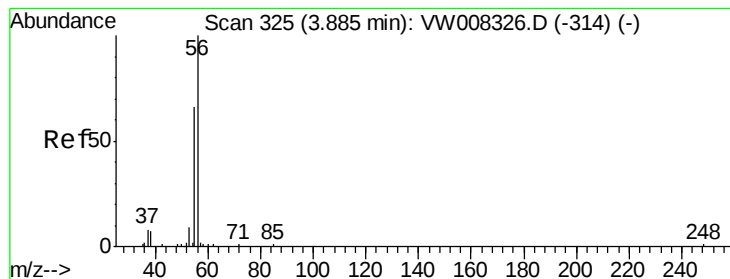
57 14.5 9.4 14.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 8.591 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW008334.D

Acq: 17 Jan 2019 17:58

Instrument :

MSVOA_W

ClientSampled :

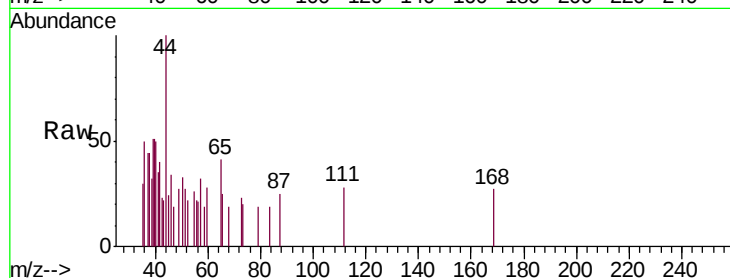
SITE4-02

Tgt Ion: 56 Resp: 61

Ion Ratio Lower Upper

56 100

55 0.0 52.9 79.3#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

150

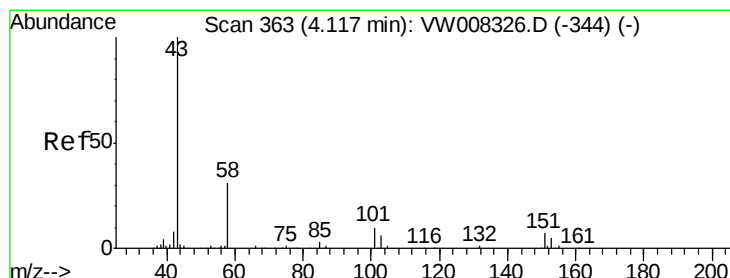
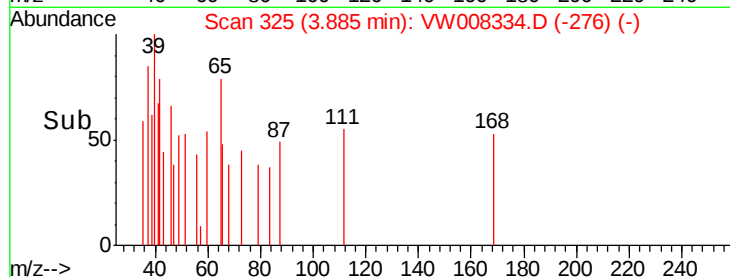
100

50

0

3.86 3.87 3.88 3.89

Time-->



#16

Acetone

Concen: 162.487 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008334.D

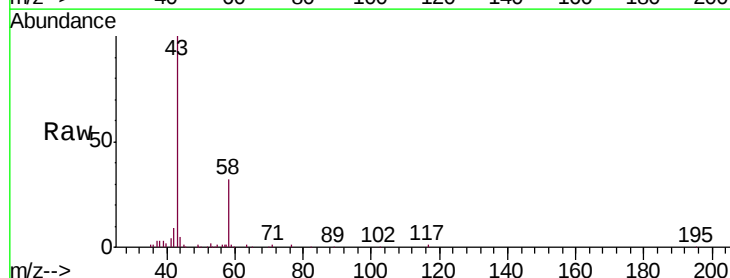
Acq: 17 Jan 2019 17:58

Tgt Ion: 43 Resp: 38985

Ion Ratio Lower Upper

43 100

58 31.9 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

15000

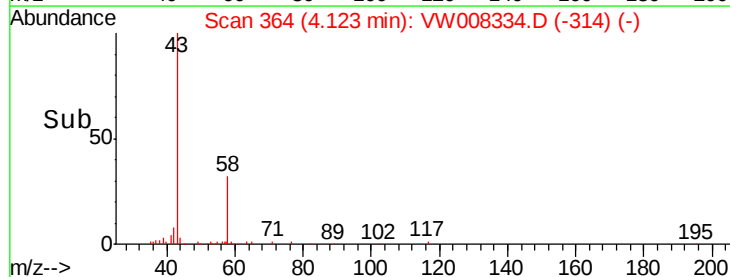
10000

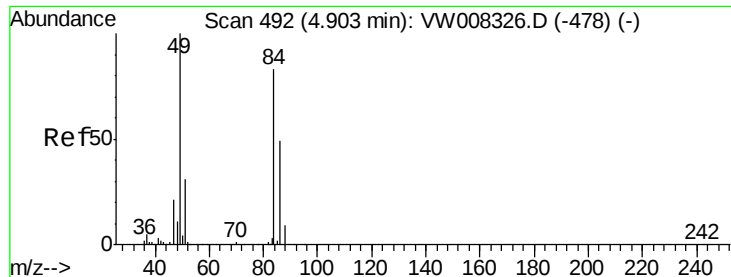
5000

0

4.00 4.10 4.20

Time-->

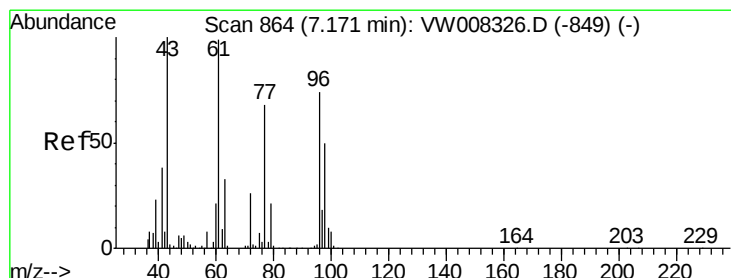
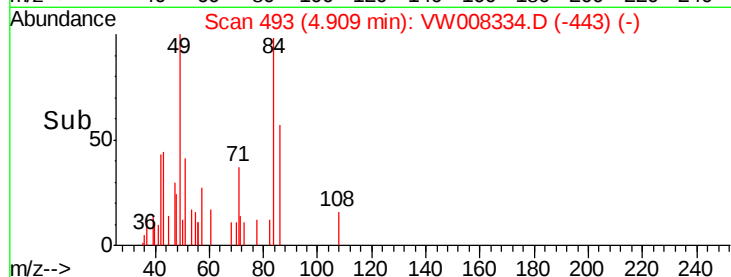
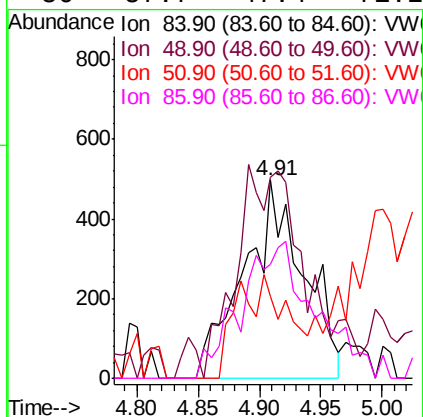
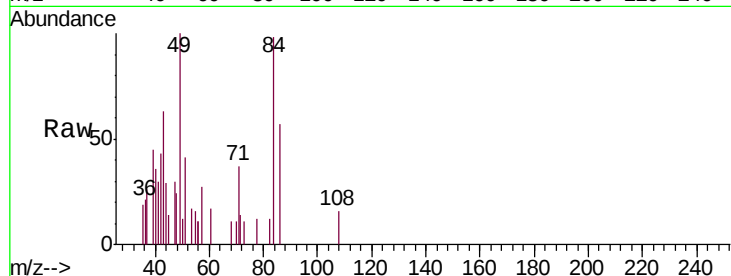




#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW008334.D
Acq: 17 Jan 2019 17:58

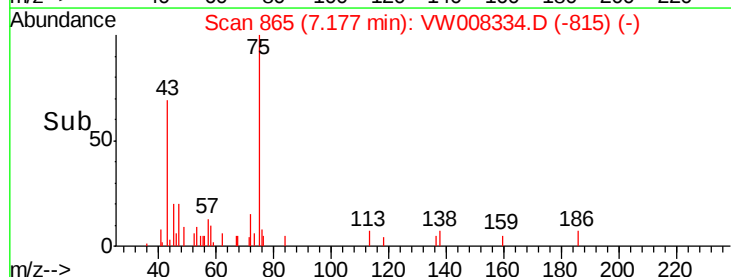
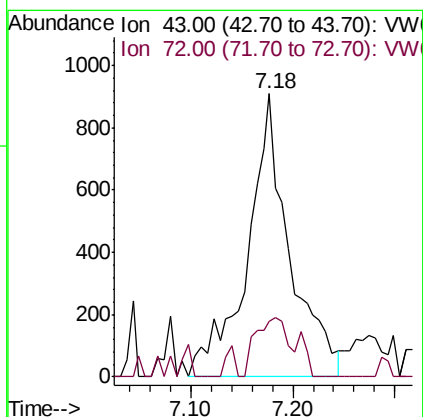
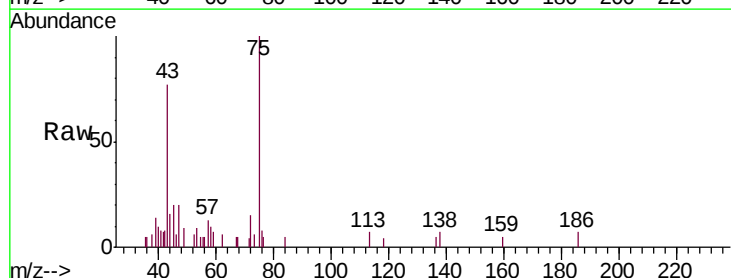
Instrument :
MSVOA_W
ClientSampleId :
SITE4-02

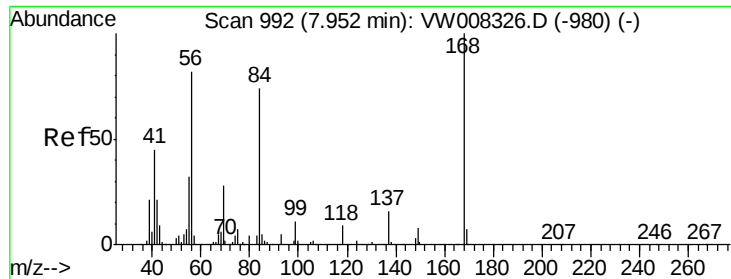
Tgt Ion:	84	Resp:	1690
Ion	Ratio	Lower	Upper
84	100		
49	81.1	95.9	143.9#
51	41.2	29.3	43.9
86	57.7	47.4	71.2



#25
2-Butanone
Concen: 8.549 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW008334.D
Acq: 17 Jan 2019 17:58

Tgt Ion:	43	Resp:	2627
Ion	Ratio	Lower	Upper
43	100		
72	19.7	21.2	31.8#

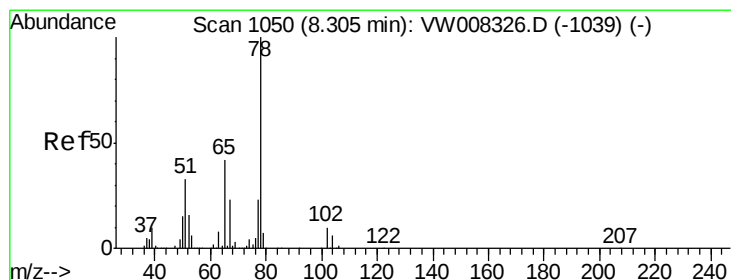
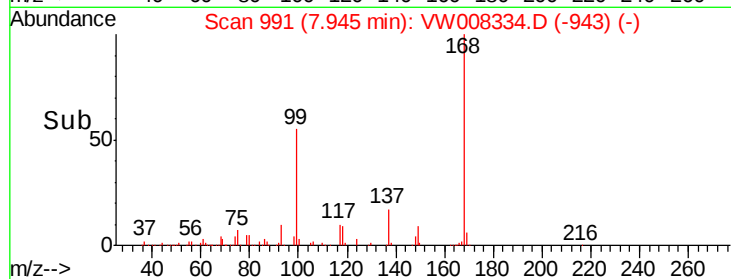
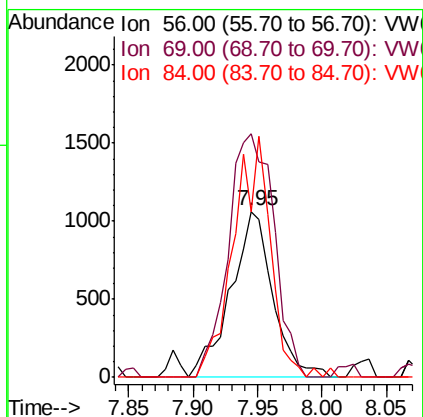
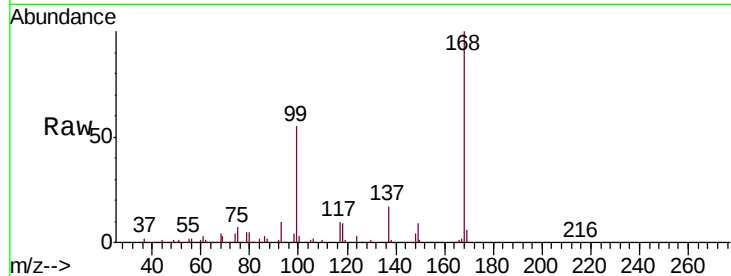




#31
Cyclohexane
Concen: 1.251 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008334.D
Acq: 17 Jan 2019 17:58

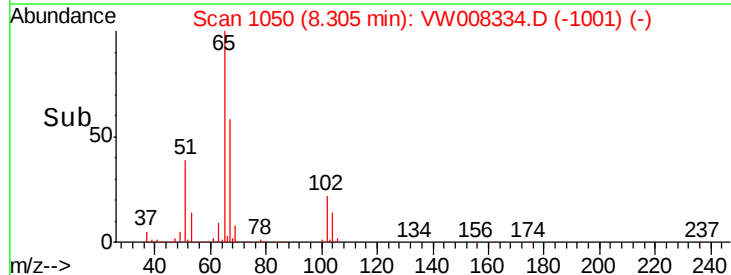
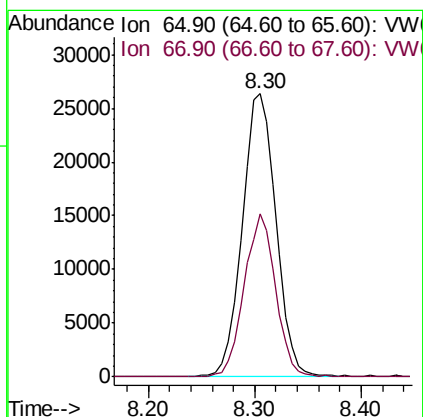
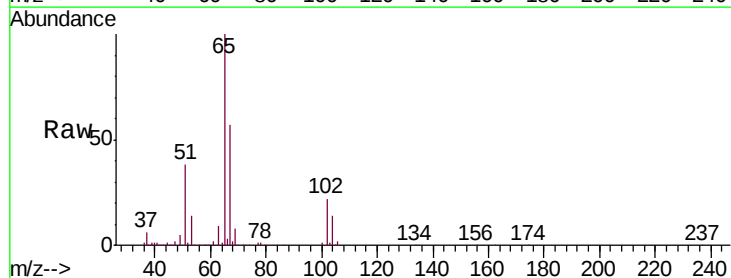
Instrument :
MSVOA_W
ClientSampled :
SITE4-02

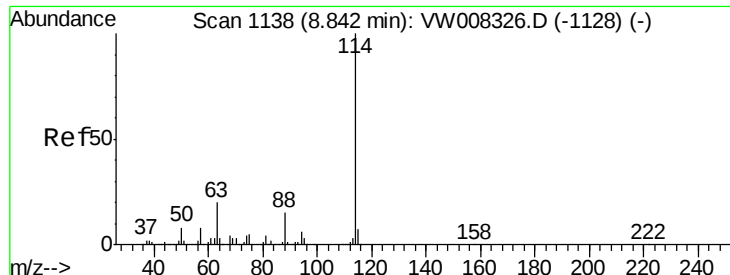
Tgt Ion: 56 Resp: 2414
Ion Ratio Lower Upper
56 100
69 146.5 27.0 40.6#
84 100.0 72.5 108.7



#33
1,2-Dichloroethane-d4
Concen: 56.647 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008334.D
Acq: 17 Jan 2019 17:58

Tgt Ion: 65 Resp: 58523
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.2

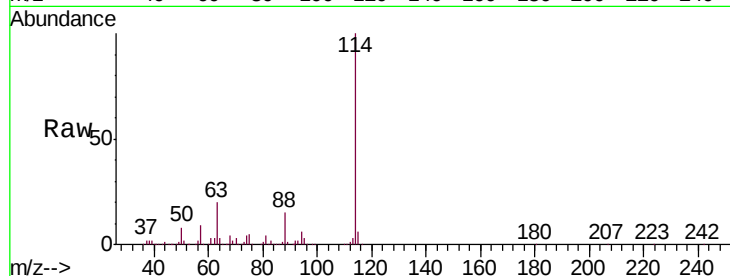




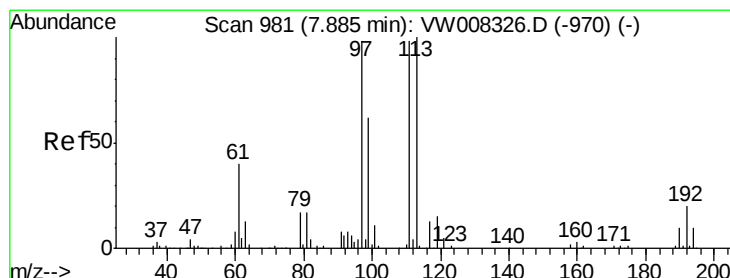
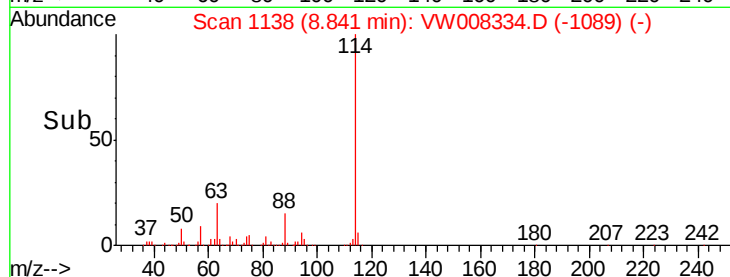
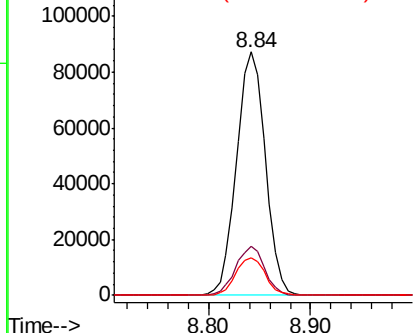
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008334.D
 Acq: 17 Jan 2019 17:58

Instrument :
 MSVOA_W
 ClientSampleId :
 SITE4-02

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.8
88	15.3	0.0	30.4

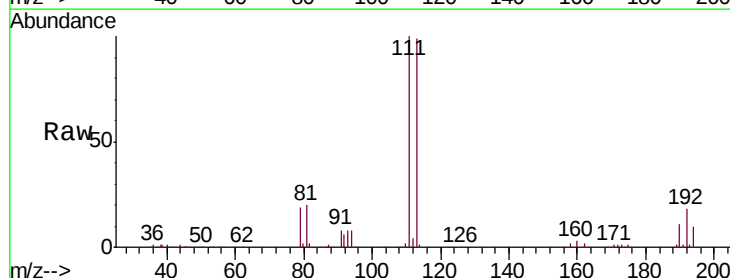


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

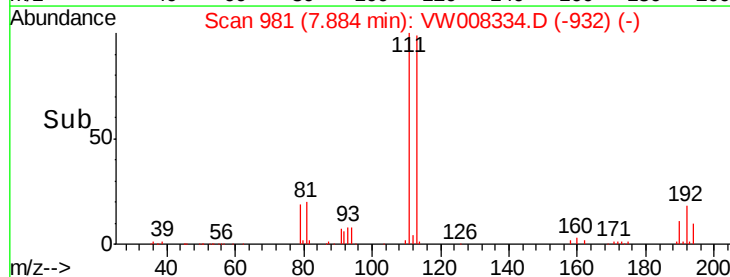
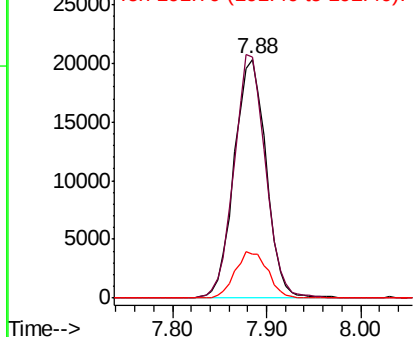


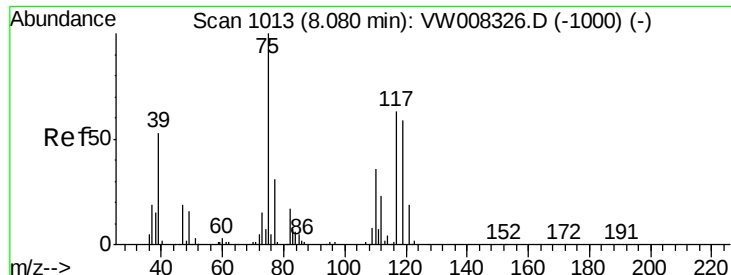
#35
 Dibromofluoromethane
 Concen: 44.182 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008334.D
 Acq: 17 Jan 2019 17:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.8	122.8
192	19.9	16.3	24.5



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

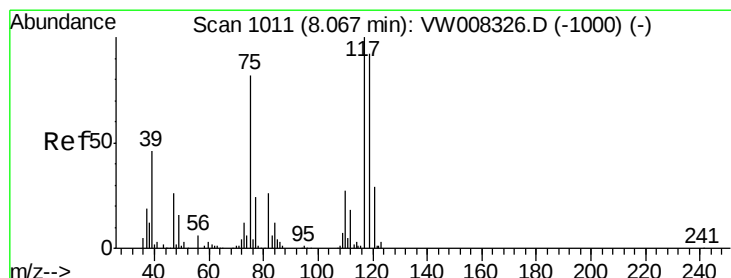
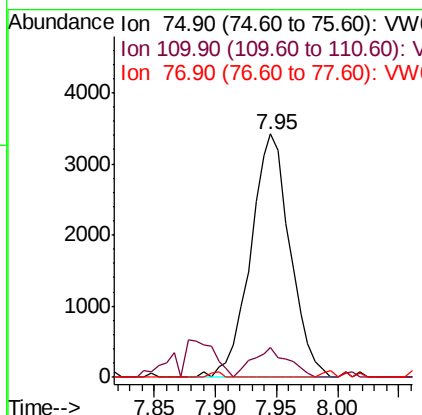
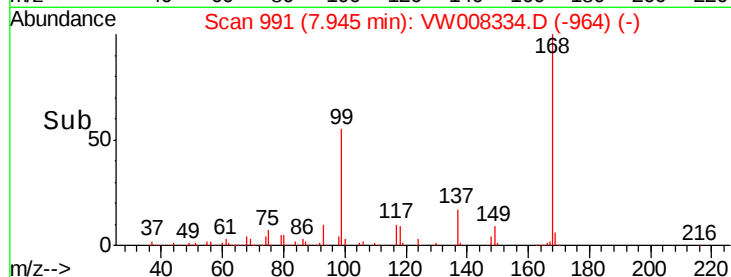
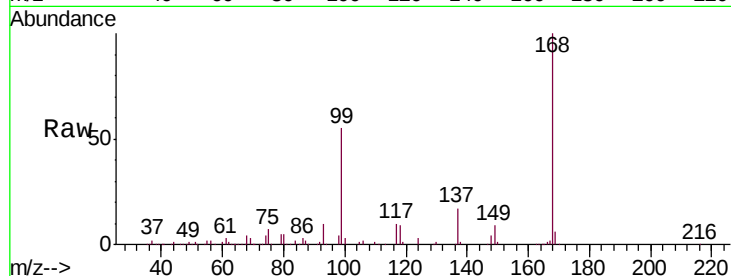




#36
 1,1-Dichloropropene
 Concen: 4.466 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008334.D
 Acq: 17 Jan 2019 17:58

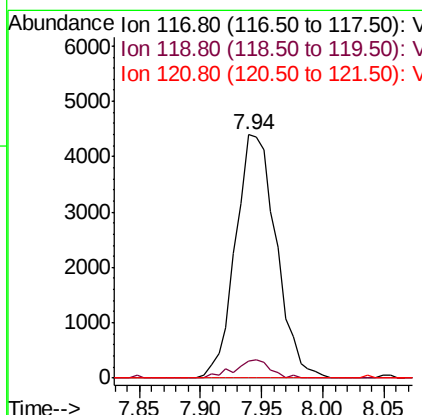
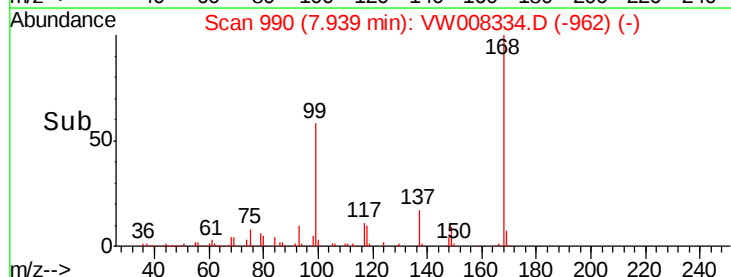
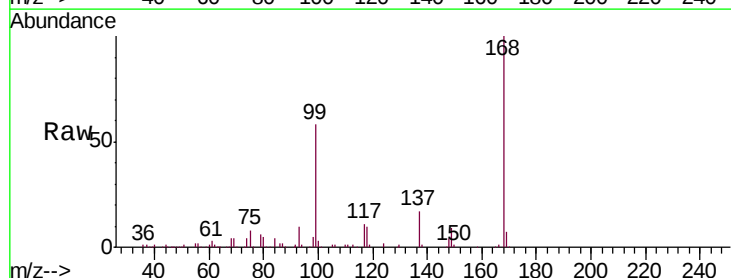
Instrument :
 MSVOA_W
 ClientSampleId :
 SITE4-02

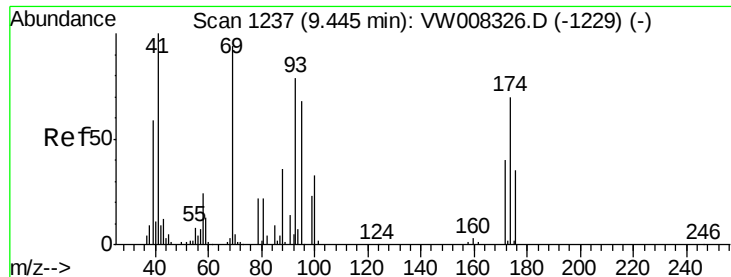
Tgt Ion: 75 Resp: 7666
 Ion Ratio Lower Upper
 75 100
 110 11.0 17.5 52.6#
 77 0.0 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 5.988 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW008334.D
 Acq: 17 Jan 2019 17:58

Tgt Ion: 117 Resp: 10149
 Ion Ratio Lower Upper
 117 100
 119 6.8 73.8 110.6#
 121 0.0 23.4 35.0#

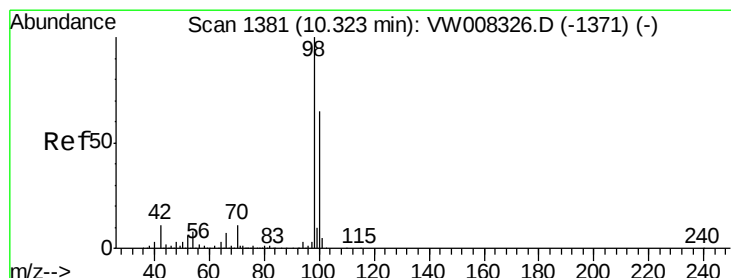
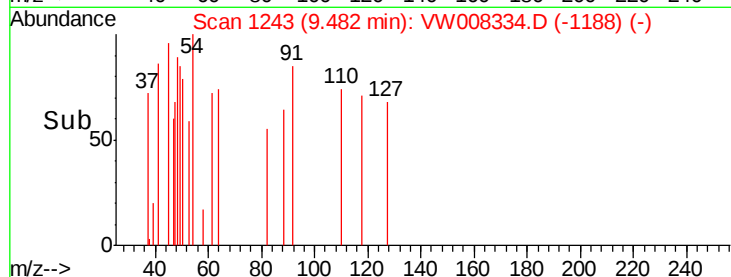
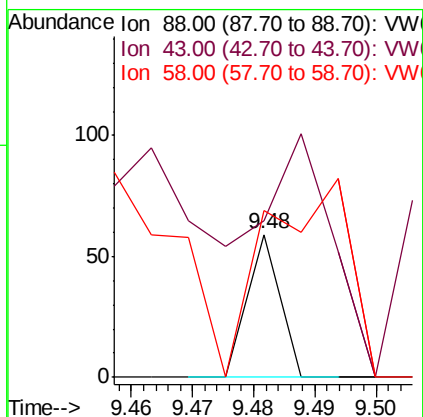
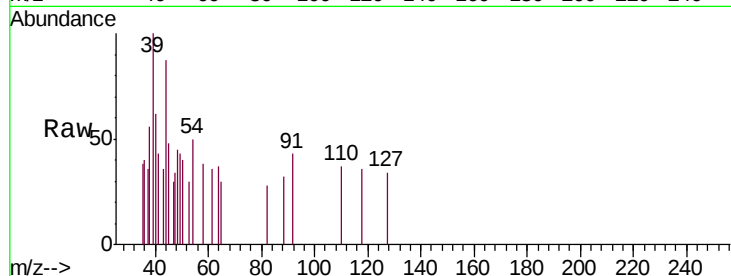




#49
1,4-Dioxane
Concen: 2.171 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.04 min
Lab File: VW008334.D
Acq: 17 Jan 2019 17:58

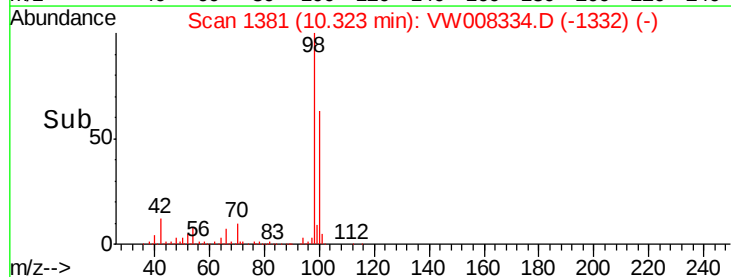
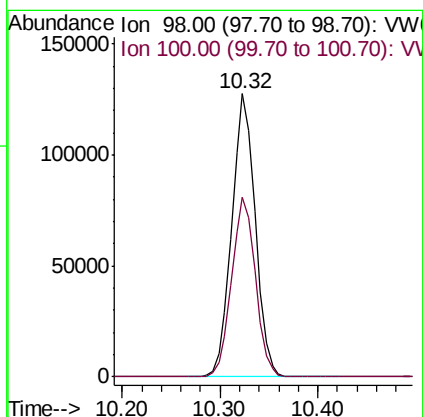
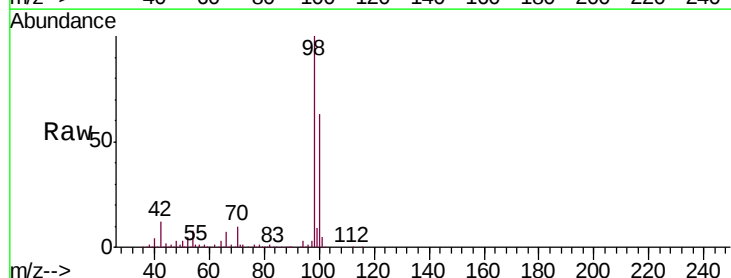
Instrument :
MSVOA_W
ClientSampled :
SITE4-02

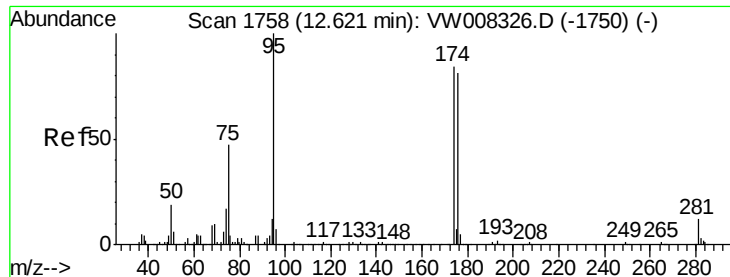
Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 363.6 27.1 40.7#
58 350.0 57.9 86.9#



#50
Toluene-d8
Concen: 49.741 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008334.D
Acq: 17 Jan 2019 17:58

Tgt Ion: 98 Resp: 212806
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 50.197 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008334.D

Acq: 17 Jan 2019 17:58

Instrument :

MSVOA_W

ClientSampled :

SITE4-02

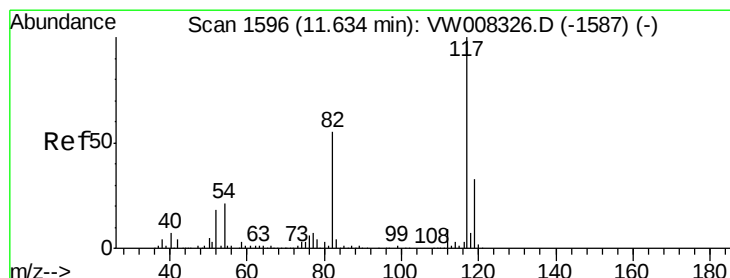
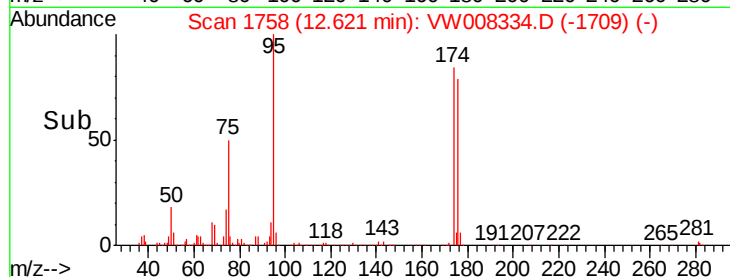
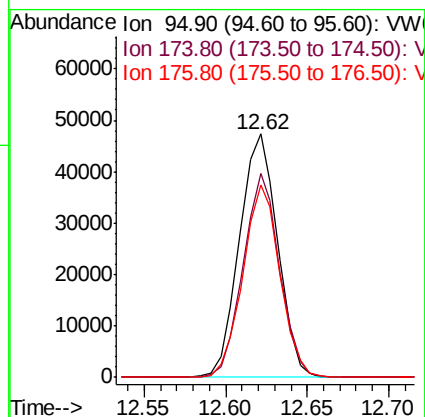
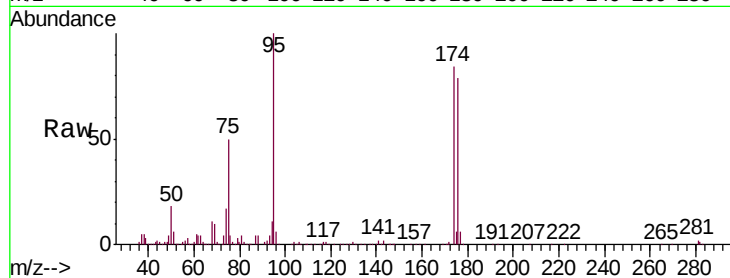
Tgt Ion: 95 Resp: 77023

Ion Ratio Lower Upper

95 100

174 80.0 0.0 166.0

176 76.6 0.0 160.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW008334.D

Acq: 17 Jan 2019 17:58

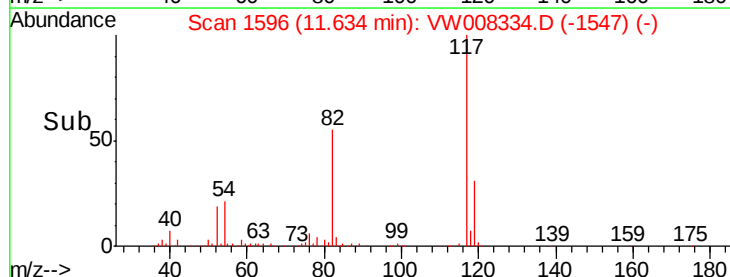
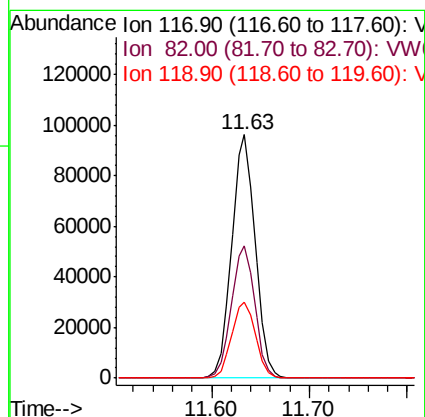
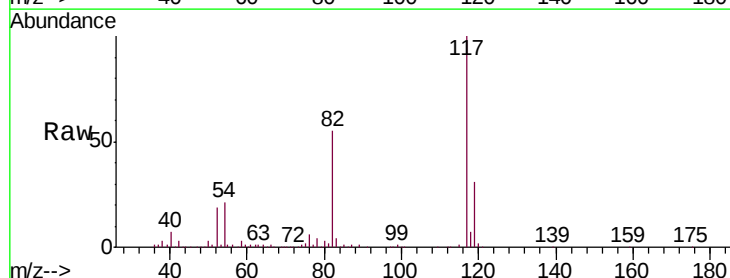
Tgt Ion: 117 Resp: 159456

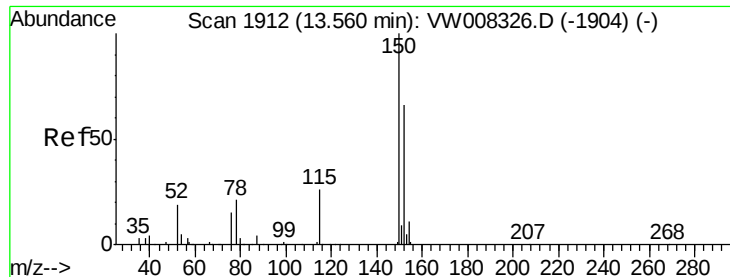
Ion Ratio Lower Upper

117 100

82 54.5 44.3 66.5

119 31.3 26.3 39.5

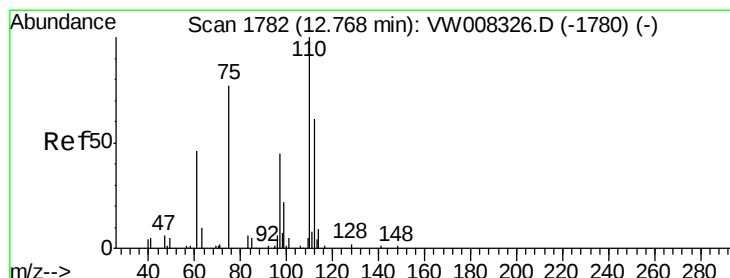
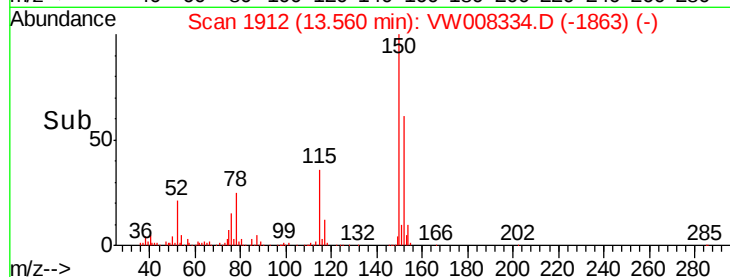
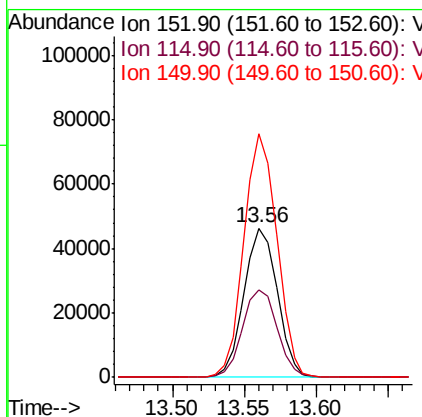
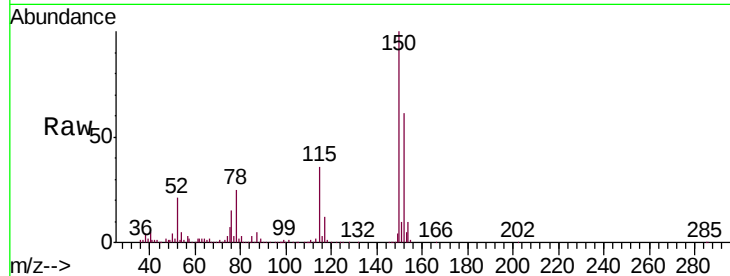




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW008334.D
 Acq: 17 Jan 2019 17:58

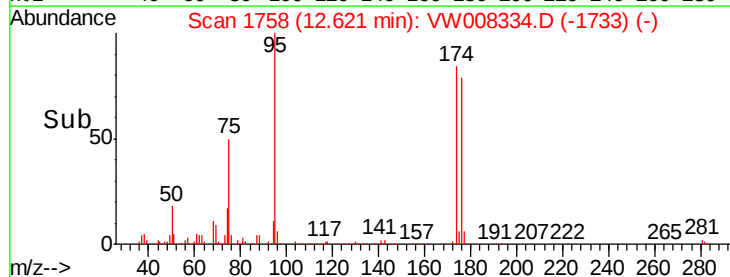
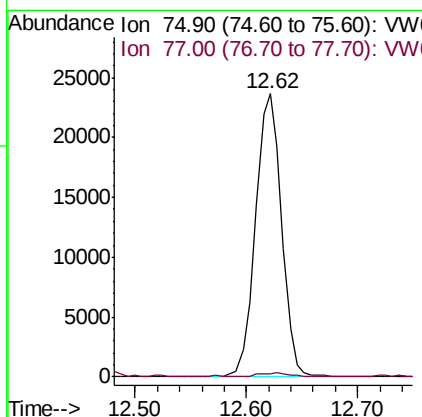
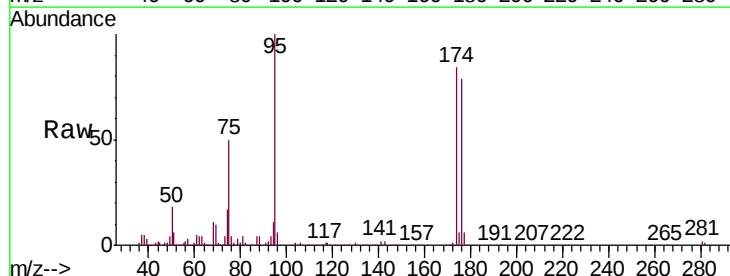
Instrument :
 MSVOA_W
 ClientSampleId :
 SITE4-02

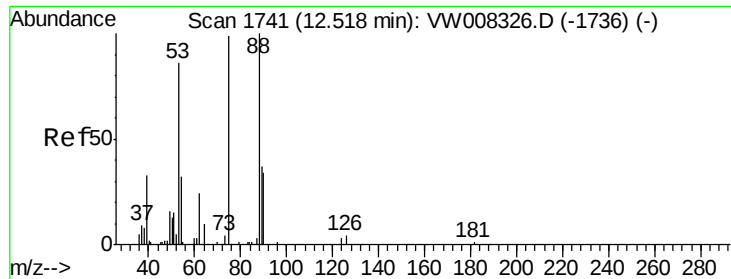
Tgt Ion:152 Resp: 74305
 Ion Ratio Lower Upper
 152 100
 115 61.3 28.8 86.4
 150 161.5 0.0 351.4



#76
 1,2,3-Trichloropropane
 Concen: 56.940 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW008334.D
 Acq: 17 Jan 2019 17:58

Tgt Ion: 75 Resp: 38529
 Ion Ratio Lower Upper
 75 100
 77 1.9 175.3 526.1#

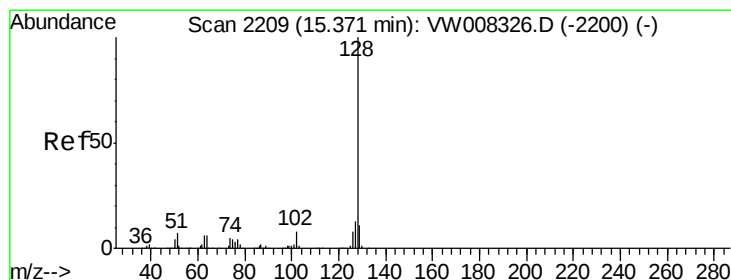
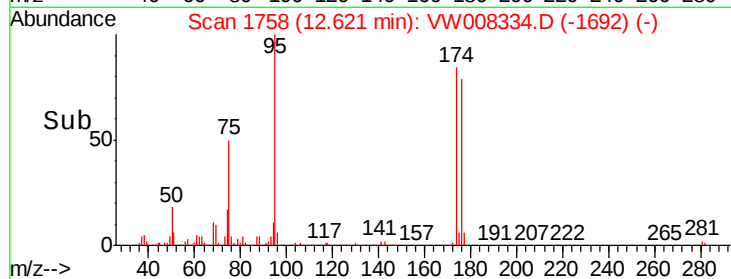
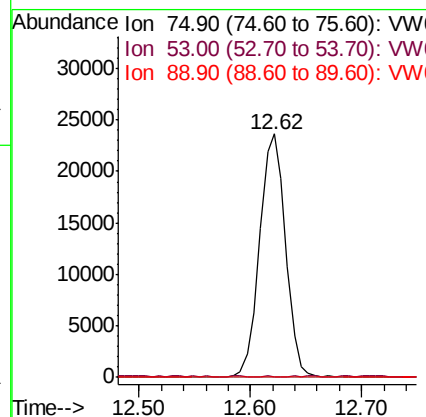
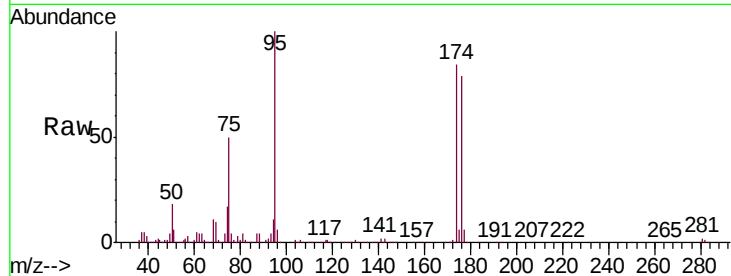




#81
trans-1,4-Dichloro-2-butene
Concen: 135.883 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW008334.D
Acq: 17 Jan 2019 17:58

Instrument :
MSVOA_W
ClientSampleId :
SITE4-02

Tgt Ion: 75 Resp: 38529
Ion Ratio Lower Upper
75 100
53 0.3 76.2 114.4#
89 0.0 36.7 55.1#



#95
Naphthalene
Concen: 5.966 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008334.D
Acq: 17 Jan 2019 17:58

Tgt Ion: 128 Resp: 10878
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 12.8 8.8 13.2

