

Data File : VW008463.D
Acq On : 30 Jan 2019 14:04
Operator : SY/VA
Sample : K1282-05
Misc : 6.10G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-2

Quant Time: Jan 31 00:26:06 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	364317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	559023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	417441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	130892	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	180504	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
35) Dibromofluoromethane	7.88	113	183882	56.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.50%	
50) Toluene-d8	10.32	98	651248	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.62	95	169951	33.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.46%	

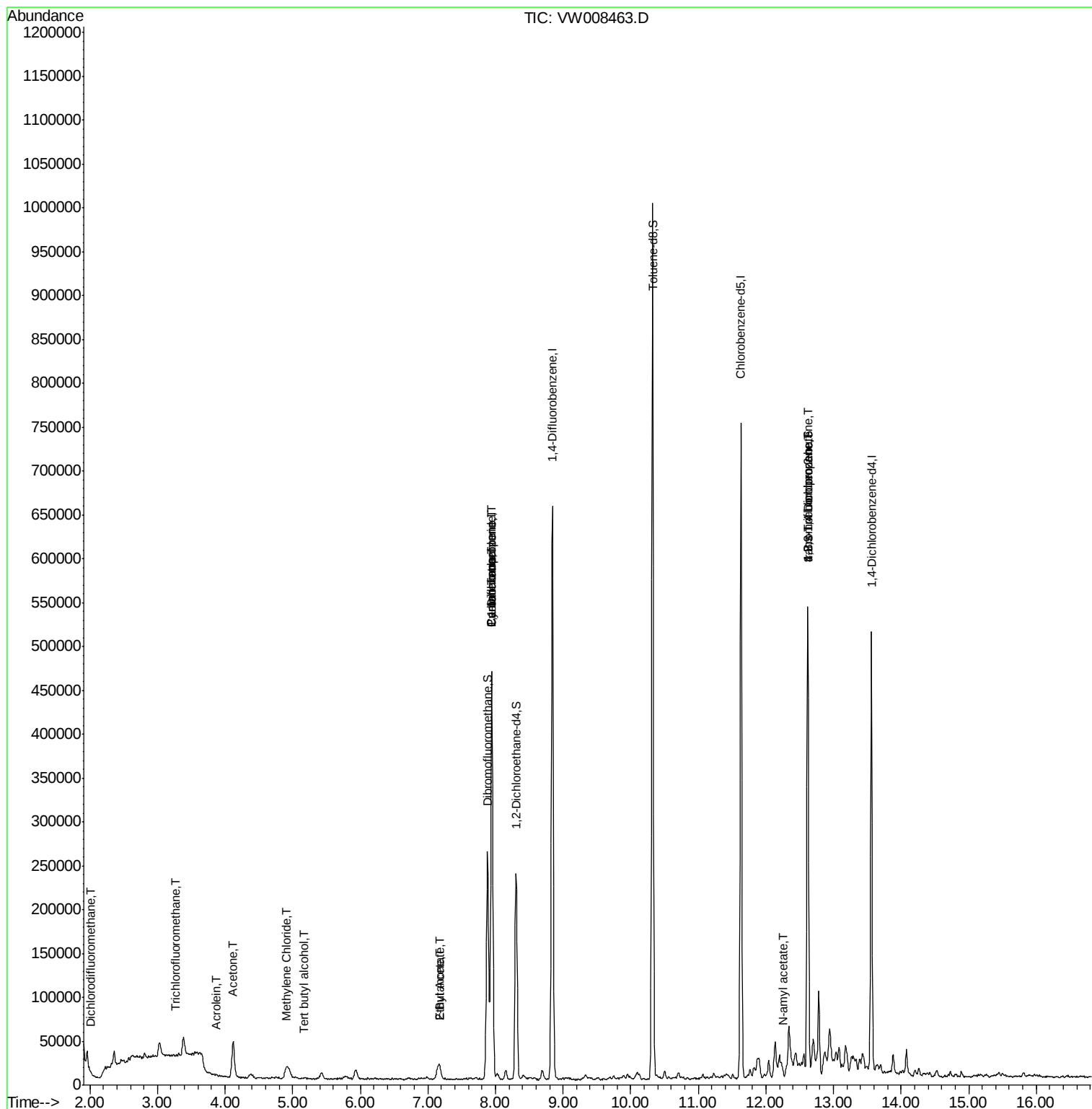
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.01	85	211	3.346	ug/l #	41
7) Trichlorofluoromethane	3.27	101	118	4.757	ug/l #	62
11) Tert butyl alcohol	5.18	59	1344	4.664	ug/l #	43
13) Acrolein	3.88	56	428	5.841	ug/l #	14
16) Acetone	4.12	43	69913	86.985	ug/l	100
20) Methylene Chloride	4.91	84	9230	2.492	ug/l	92
25) 2-Butanone	7.18	43	22006	19.712	ug/l	99
31) Cyclohexane	7.95	56	9043	1.287	ug/l #	9
36) 1,1-Dichloropropene	7.94	75	25738	4.874	ug/l #	42
37) Ethyl Acetate	7.18	43	22006	9.419	ug/l #	73
38) Carbon Tetrachloride	7.95	117	35120	6.609	ug/l #	16
74) N-amyl acetate	12.26	43	3305	1.315	ug/l #	46
76) 1,2,3-Trichloropropane	12.62	75	82764	72.727	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	82764	143.641	ug/l #	12

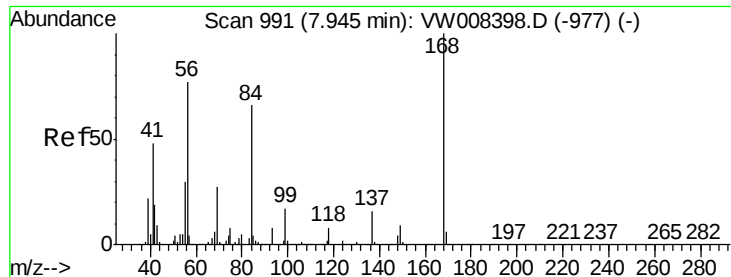
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008463.D

Acq: 30 Jan 2019 14:04

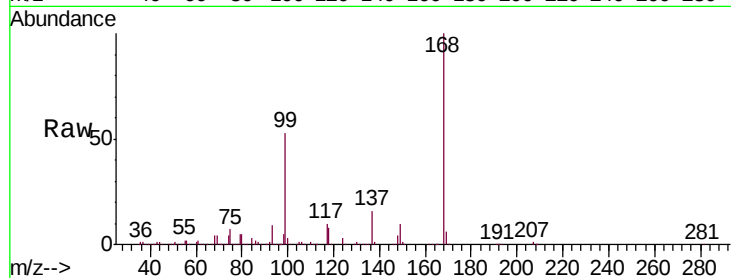
Instrument :
MSVOA_W
ClientSampled :
TP-2

Tgt Ion:168 Resp: 364317

Ion Ratio Lower Upper

168 100

99 53.0 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

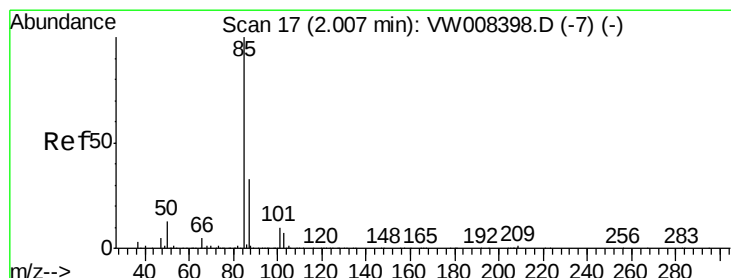
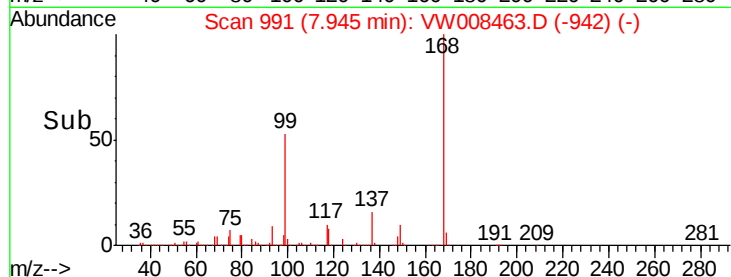
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 3.346 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW008463.D

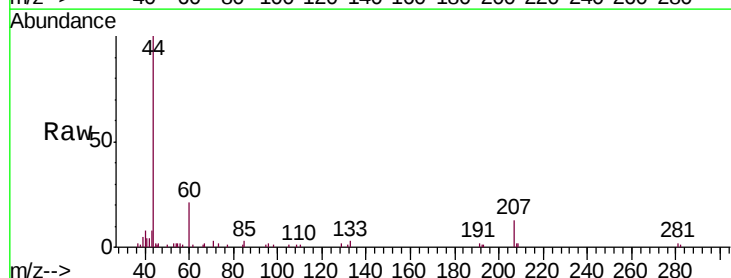
Acq: 30 Jan 2019 14:04

Tgt Ion: 85 Resp: 211

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

200

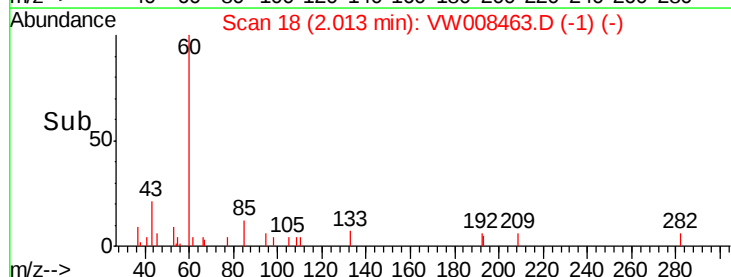
150

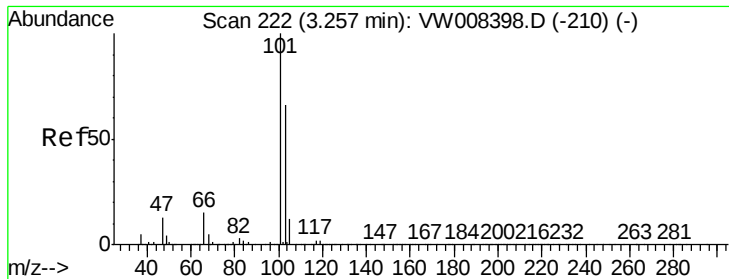
100

50

0

Time-->



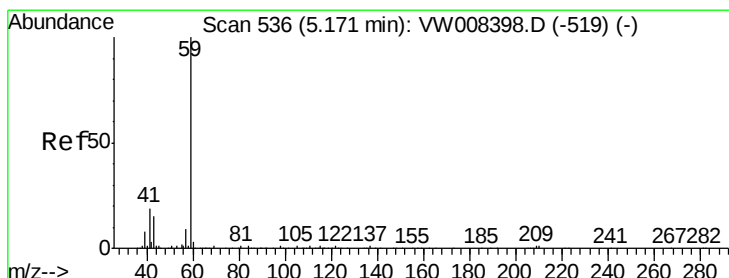
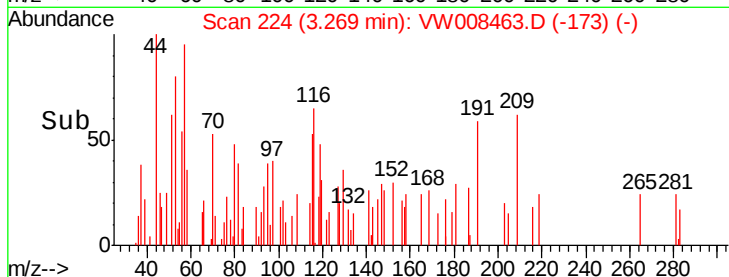
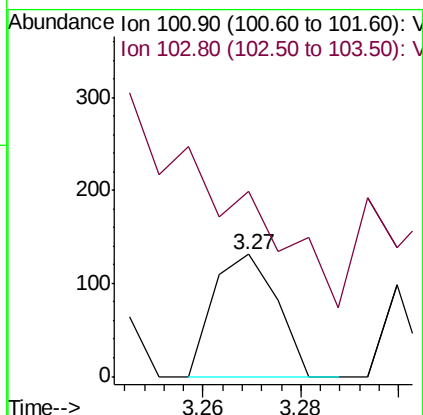
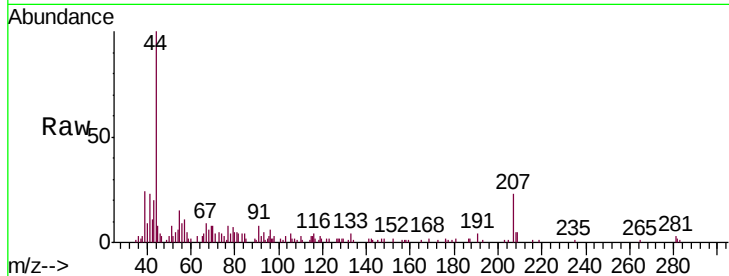


#7

Trichlorofluoromethane
Concen: 4.757 ug/l
RT: 3.27 min Scan# 224
Delta R.T. 0.01 min
Lab File: VW008463.D
Acq: 30 Jan 2019 14:04

Instrument :
MSVOA_W
ClientSampled :
TP-2

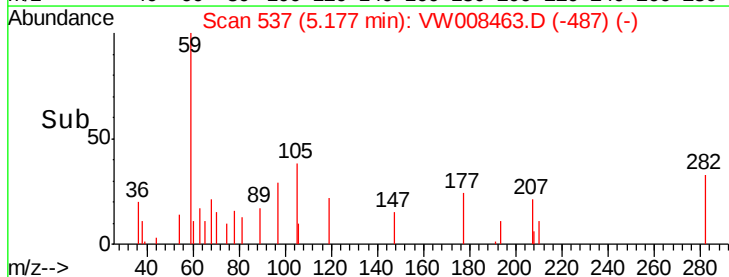
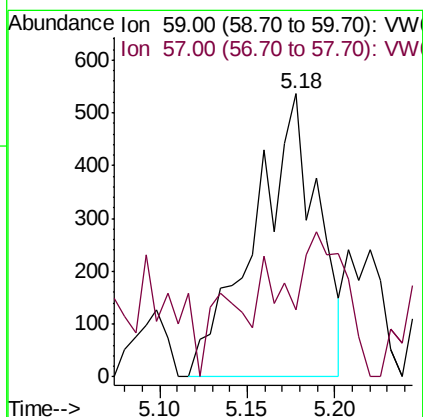
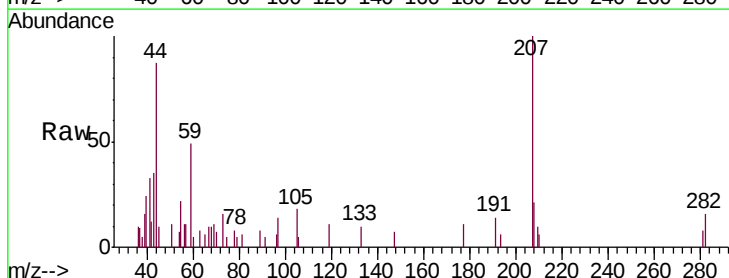
Tgt Ion: 101 Resp: 118
Ion Ratio Lower Upper
101 100
103 95.4 52.5 78.7#

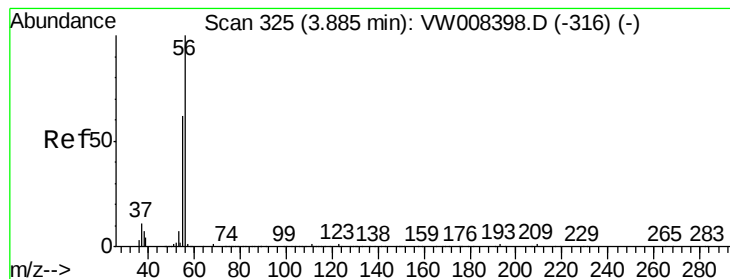


#11

Tert butyl alcohol
Concen: 4.664 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW008463.D
Acq: 30 Jan 2019 14:04

Tgt Ion: 59 Resp: 1344
Ion Ratio Lower Upper
59 100
57 33.5 9.3 13.9#





#13

Acrolein

Concen: 5.841 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW008463.D

Acq: 30 Jan 2019 14:04

Instrument :

MSVOA_W

ClientSampled :

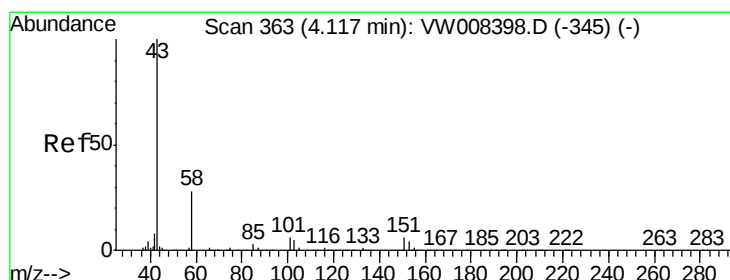
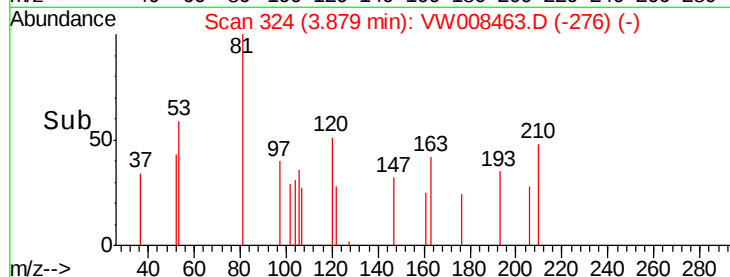
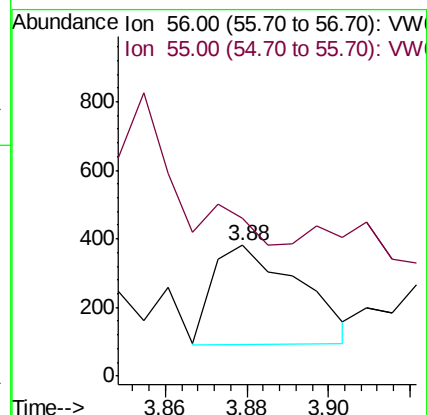
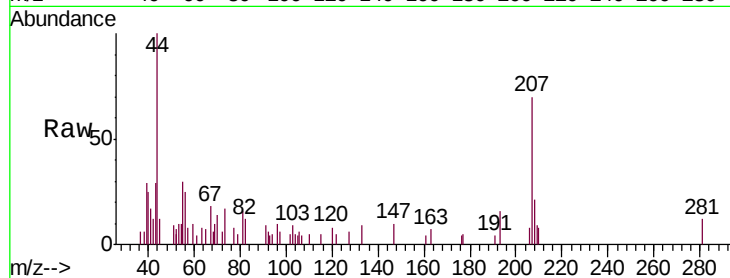
TP-2

Tgt Ion: 56 Resp: 428

Ion Ratio Lower Upper

56 100

55 0.0 56.7 85.1#



#16

Acetone

Concen: 86.985 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW008463.D

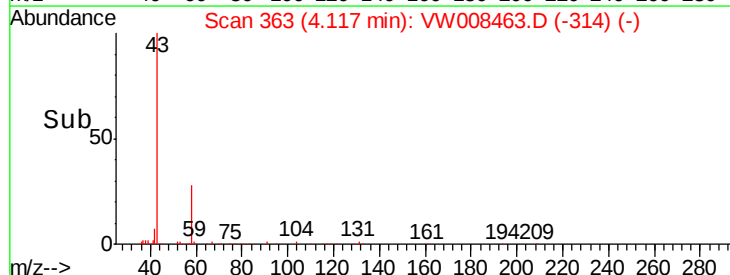
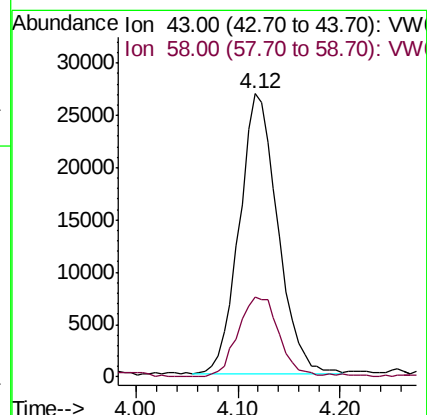
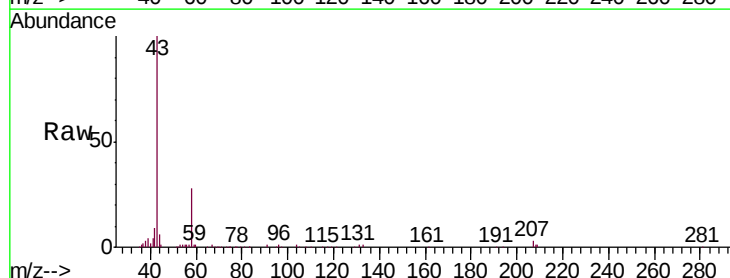
Acq: 30 Jan 2019 14:04

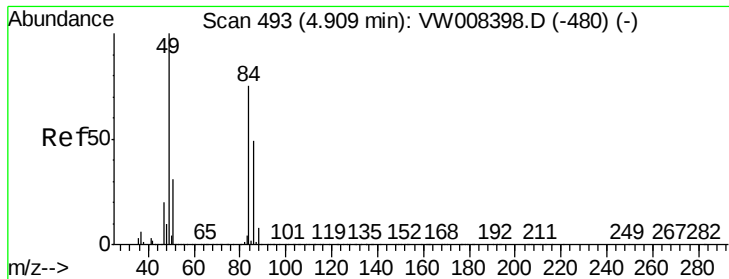
Tgt Ion: 43 Resp: 69913

Ion Ratio Lower Upper

43 100

58 28.1 22.6 34.0





#20

Methylene Chloride

Concen: 2.492 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW008463.D

Acq: 30 Jan 2019 14:04

Instrument :
MSVOA_W
ClientSampled :
TP-2

Tgt Ion: 84 Resp: 9230

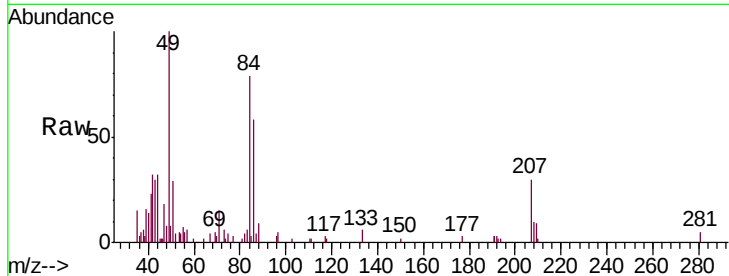
Ion Ratio Lower Upper

84 100

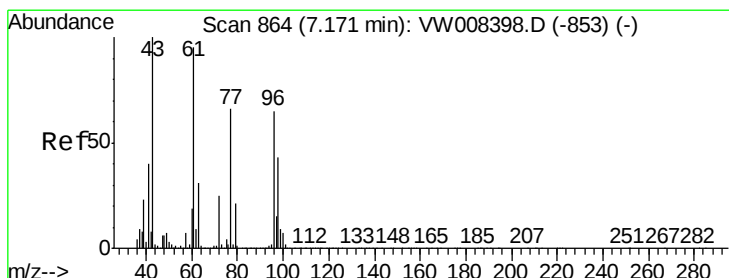
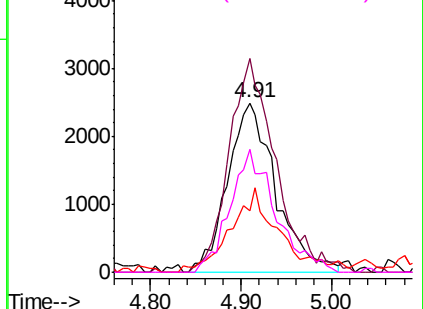
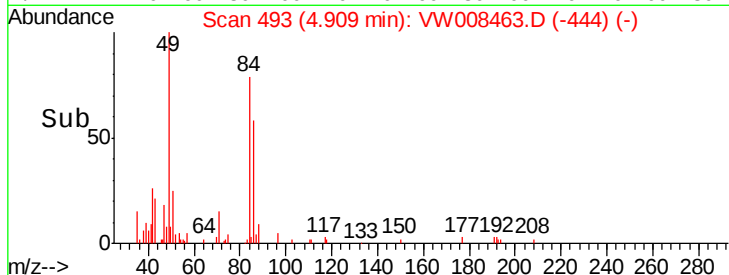
49 126.4 106.8 160.2

51 33.4 32.9 49.3

86 72.8 52.2 78.2



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: 19.712 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW008463.D

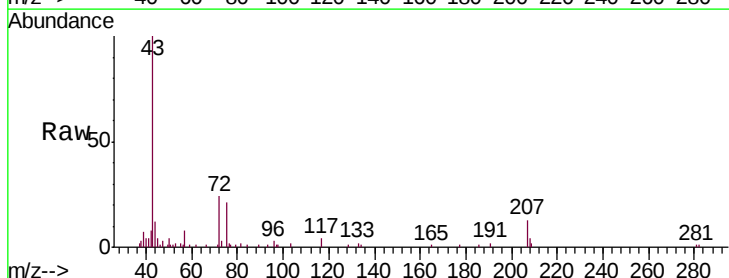
Acq: 30 Jan 2019 14:04

Tgt Ion: 43 Resp: 22006

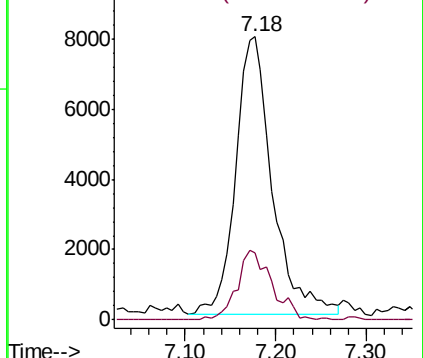
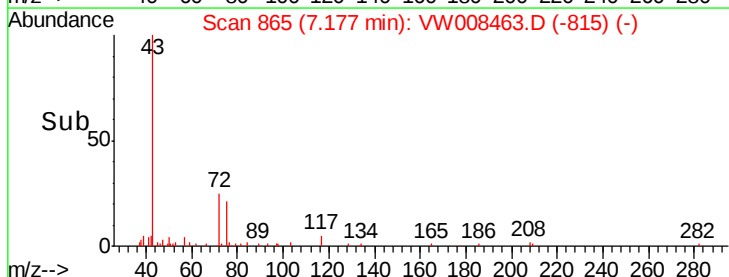
Ion Ratio Lower Upper

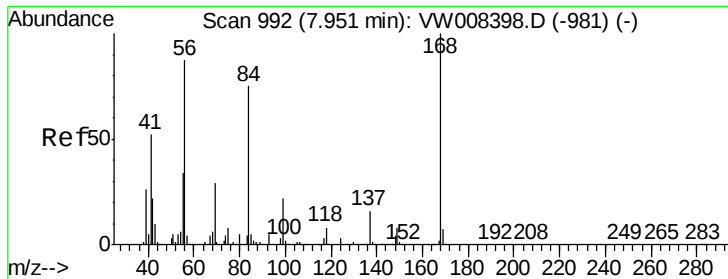
43 100

72 24.4 20.1 30.1



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

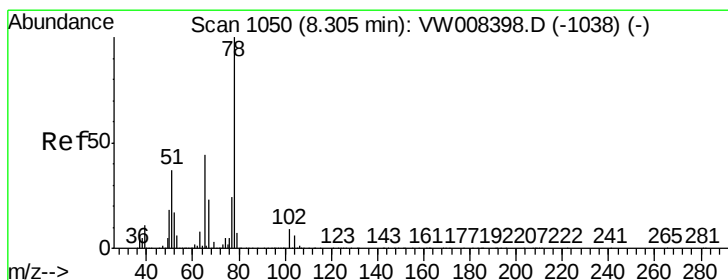
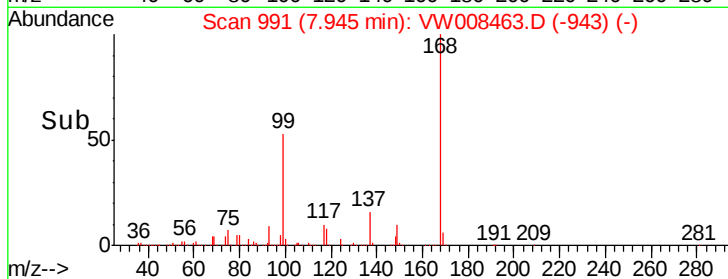
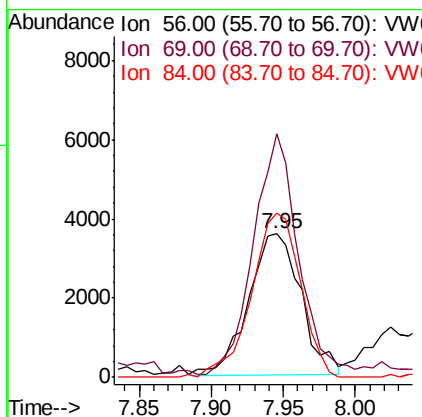
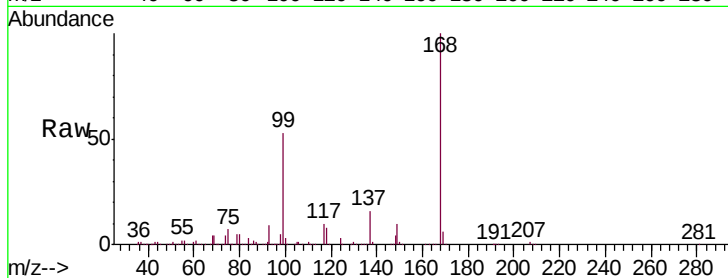




#31
Cyclohexane
Concen: 1.287 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008463.D
Acq: 30 Jan 2019 14:04

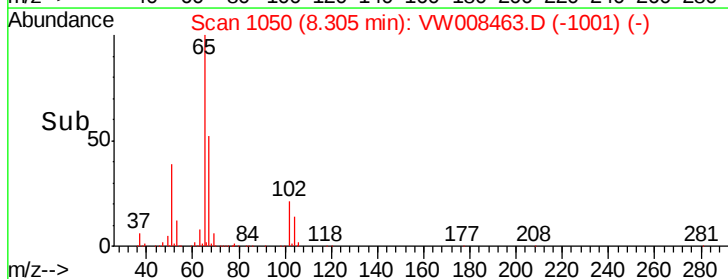
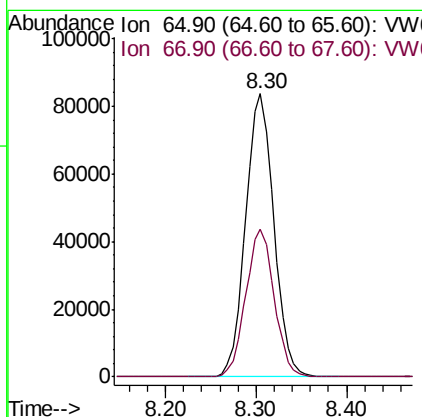
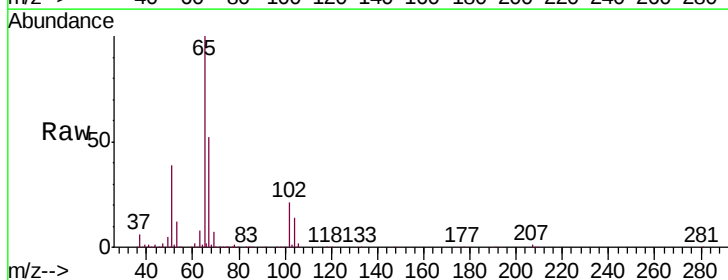
Instrument :
MSVOA_W
ClientSampled :
TP-2

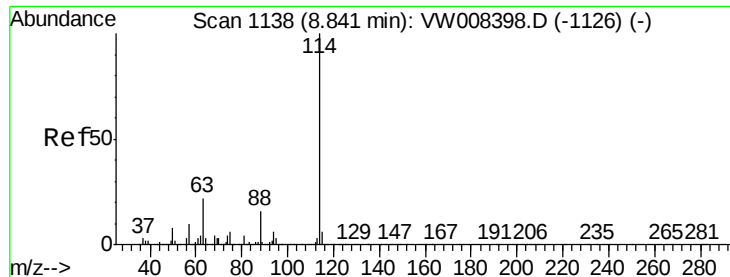
Tgt Ion: 56 Resp: 9043
Ion Ratio Lower Upper
56 100
69 168.8 26.4 39.6#
84 117.1 69.1 103.7#



#33
1,2-Dichloroethane-d4
Concen: 50.433 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008463.D
Acq: 30 Jan 2019 14:04

Tgt Ion: 65 Resp: 180504
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.0

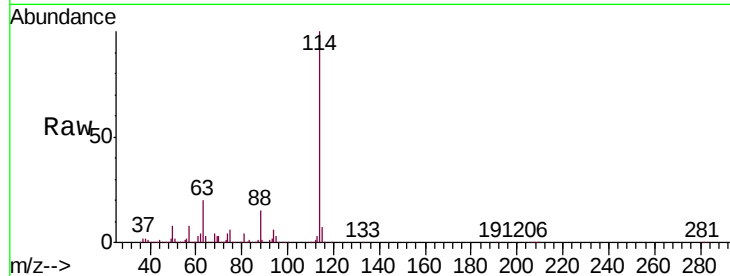




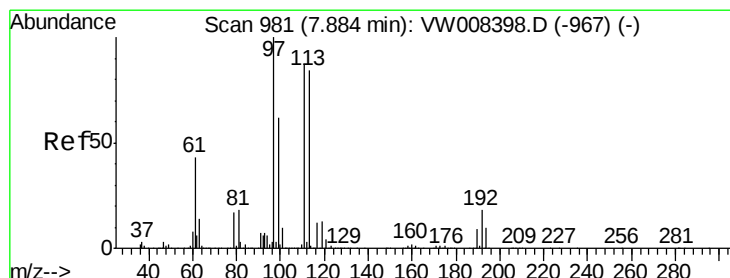
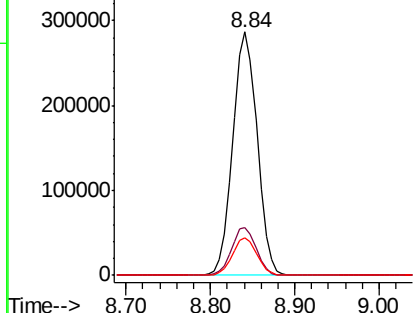
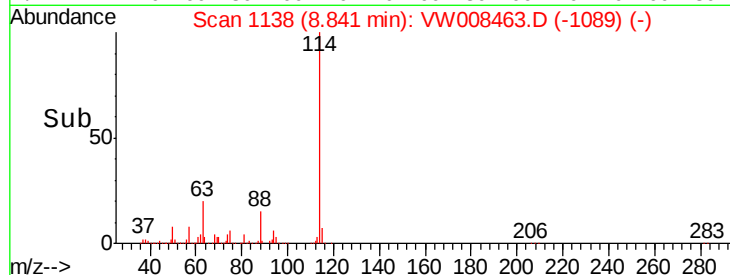
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008463.D
 Acq: 30 Jan 2019 14:04

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2

Tgt Ion:114 Resp: 559023
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 43.6
 88 15.4 0.0 31.8

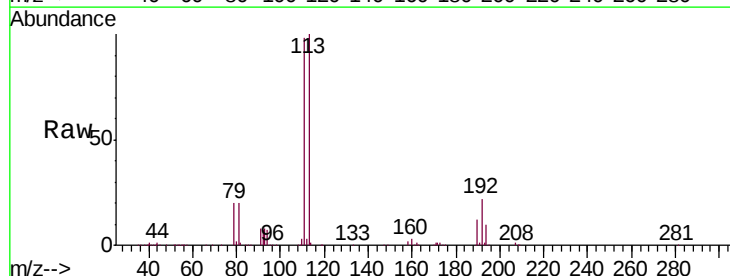


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

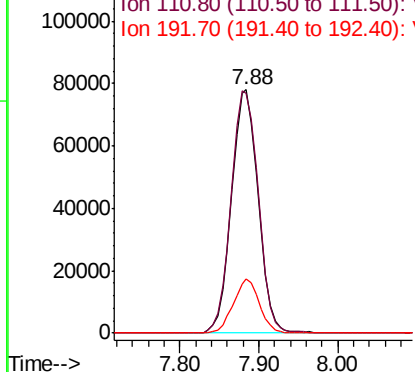
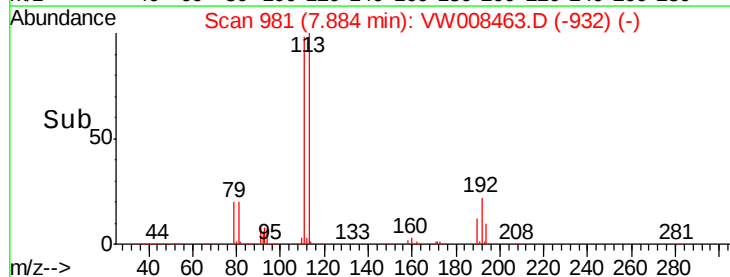


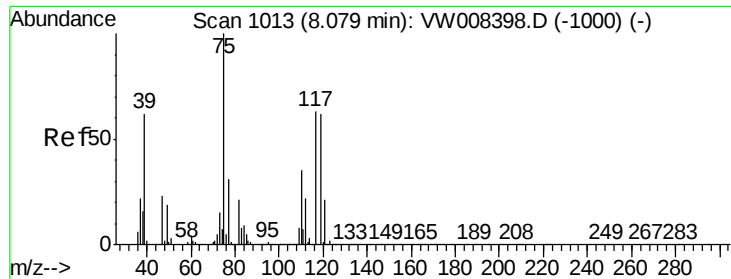
#35
 Dibromofluoromethane
 Concen: 56.254 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008463.D
 Acq: 30 Jan 2019 14:04

Tgt Ion:113 Resp: 183882
 Ion Ratio Lower Upper
 113 100
 111 101.9 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

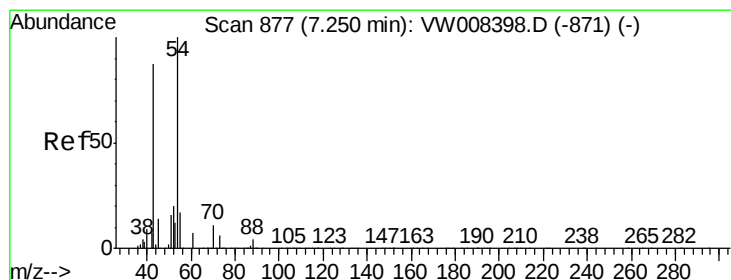
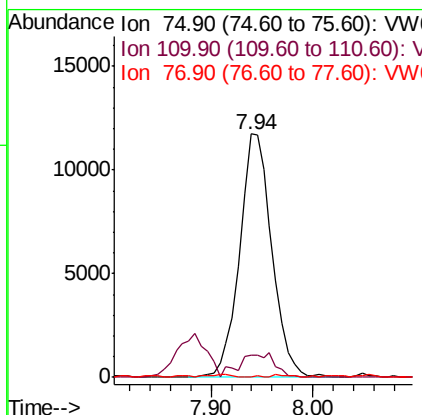
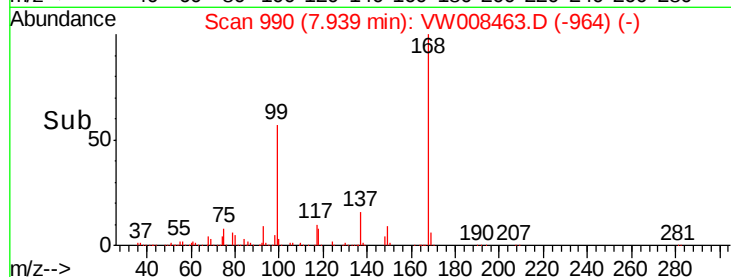
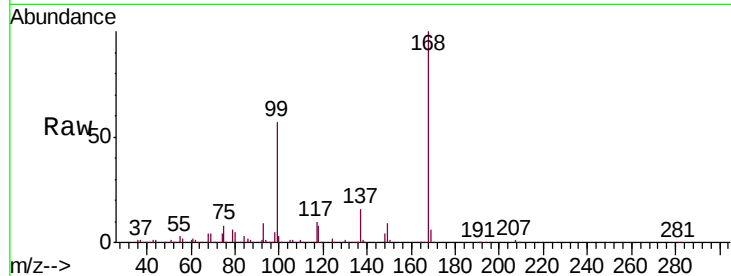




#36
 1,1-Dichloropropene
 Concen: 4.874 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW008463.D
 Acq: 30 Jan 2019 14:04

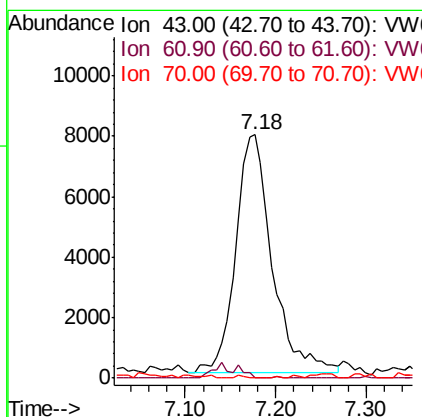
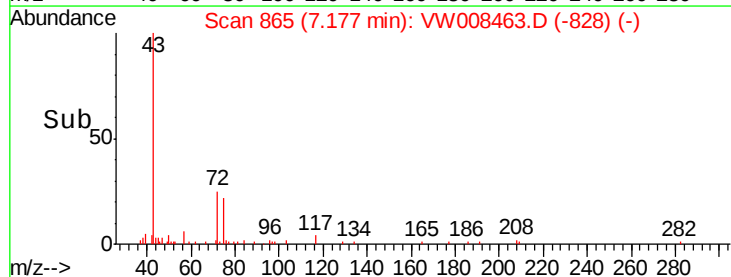
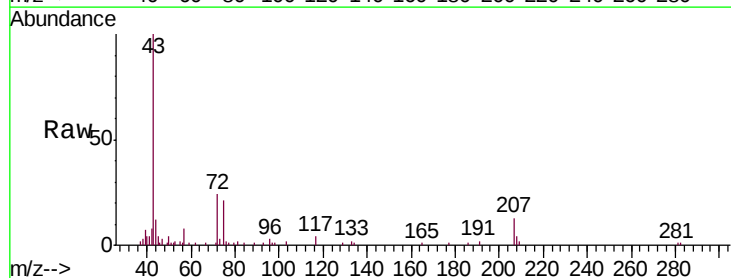
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2

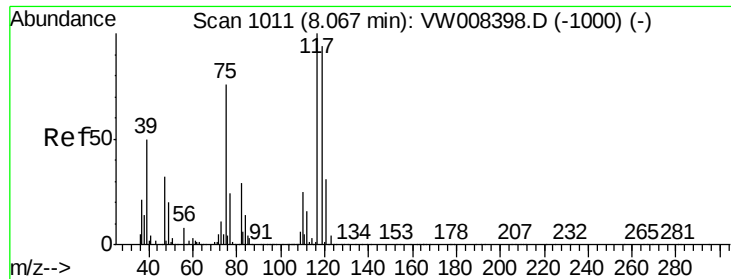
Tgt Ion: 75 Resp: 25738
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.3 52.0#
 77 0.1 24.7 37.1#



#37
 Ethyl Acetate
 Concen: 9.419 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.07 min
 Lab File: VW008463.D
 Acq: 30 Jan 2019 14:04

Tgt Ion: 43 Resp: 22006
 Ion Ratio Lower Upper
 43 100
 61 1.4 10.1 15.1#
 70 0.2 7.8 11.6#

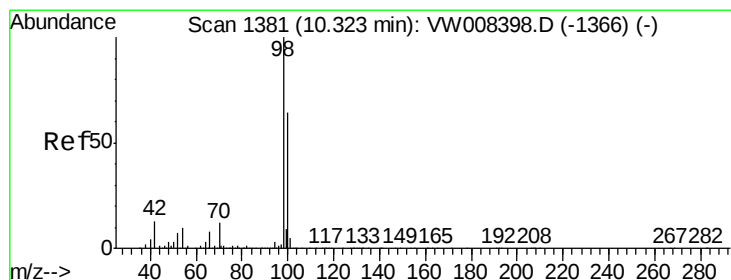
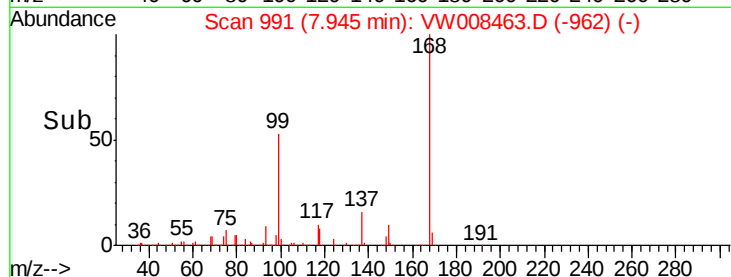
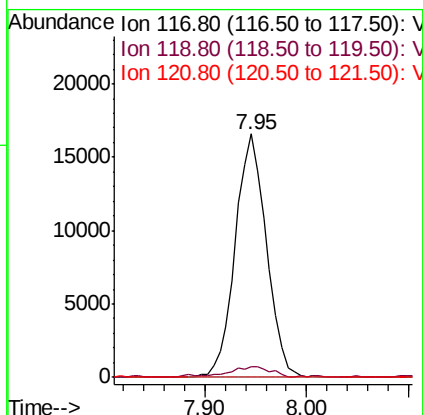
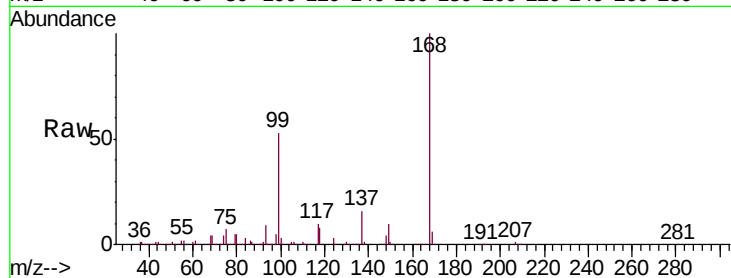




#38
Carbon Tetrachloride
Concen: 6.609 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008463.D
Acq: 30 Jan 2019 14:04

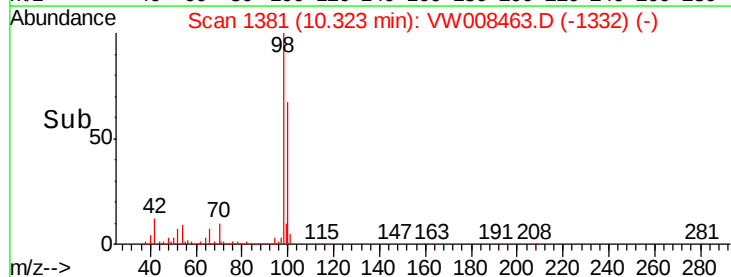
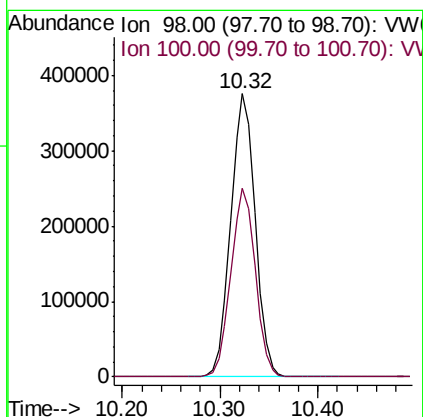
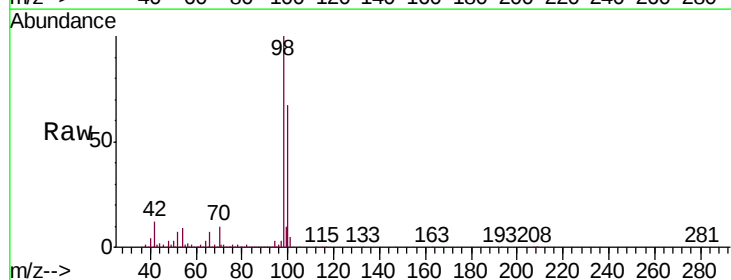
Instrument :
MSVOA_W
ClientSampleId :
TP-2

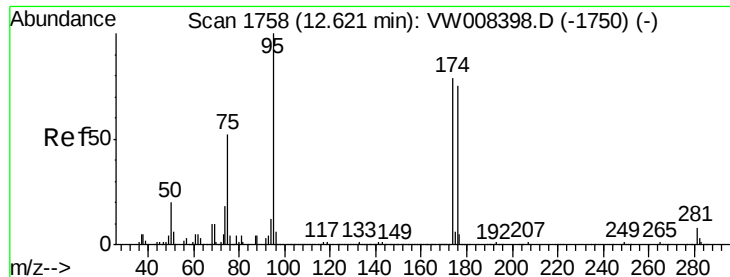
Tgt Ion:117 Resp: 35120
Ion Ratio Lower Upper
117 100
119 4.2 75.0 112.4#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 49.683 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008463.D
Acq: 30 Jan 2019 14:04

Tgt Ion: 98 Resp: 651248
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8

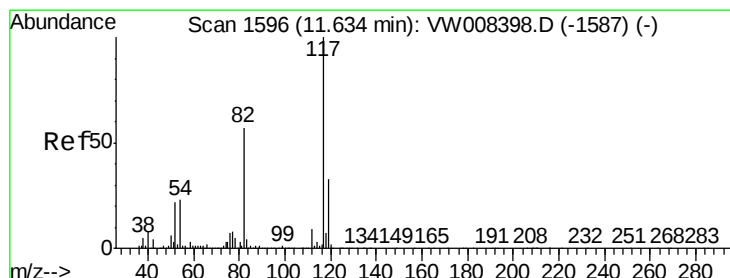
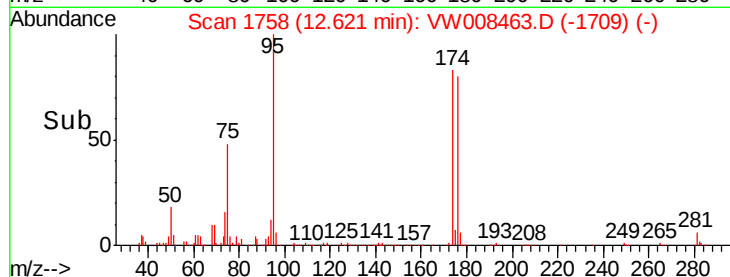
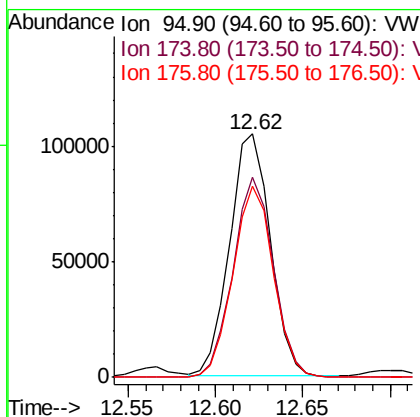
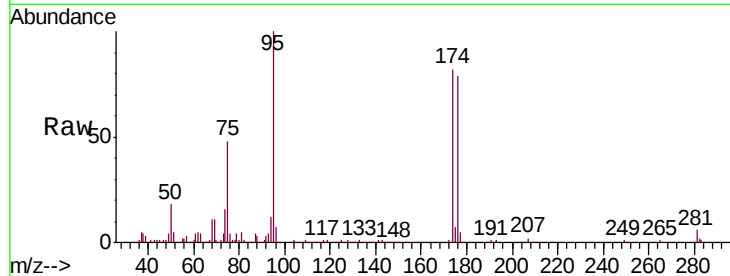




#62
4-Bromofluorobenzene
Concen: 33.730 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008463.D
Acq: 30 Jan 2019 14:04

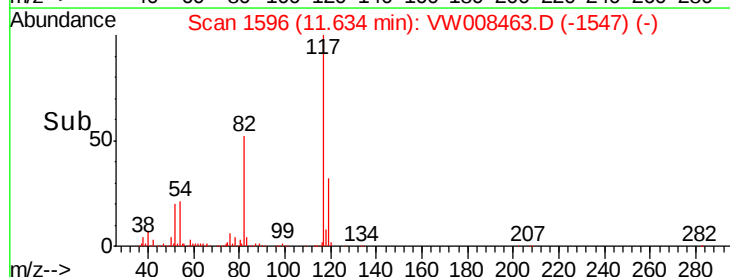
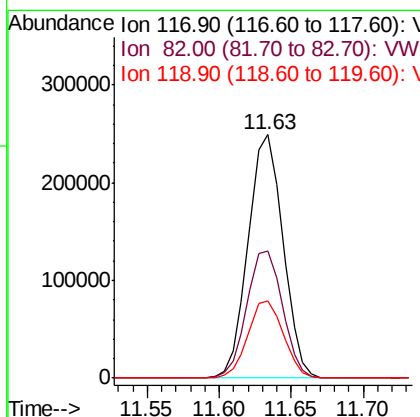
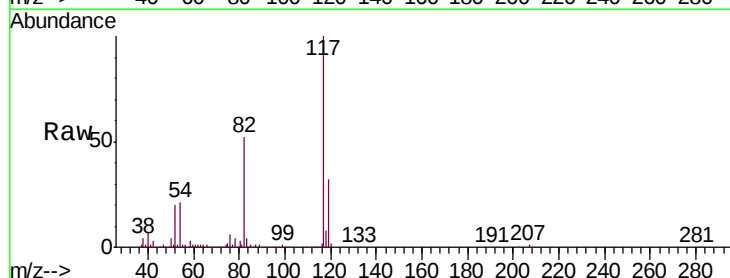
Instrument :
MSVOA_W
ClientSampled :
TP-2

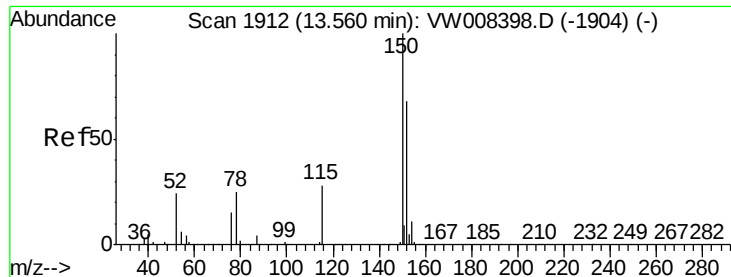
Tgt Ion: 95 Resp: 169951
Ion Ratio Lower Upper
95 100
174 81.8 0.0 157.6
176 78.6 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008463.D
Acq: 30 Jan 2019 14:04

Tgt Ion: 117 Resp: 417441
Ion Ratio Lower Upper
117 100
82 52.0 45.4 68.0
119 31.9 26.2 39.4

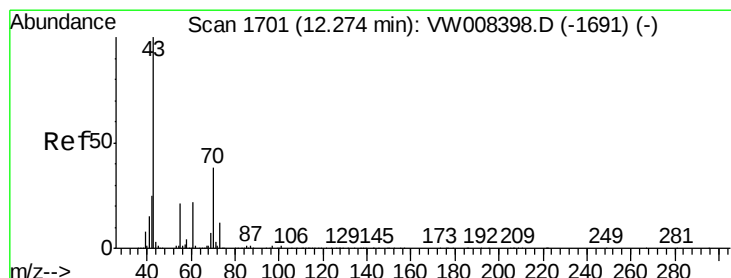
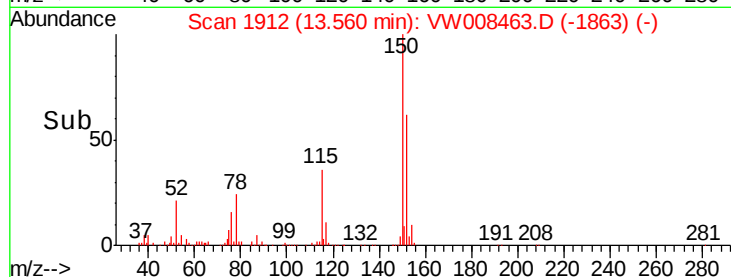
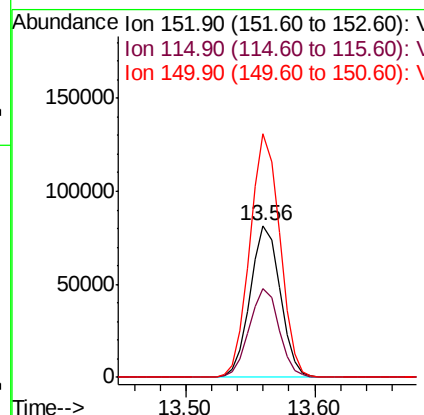
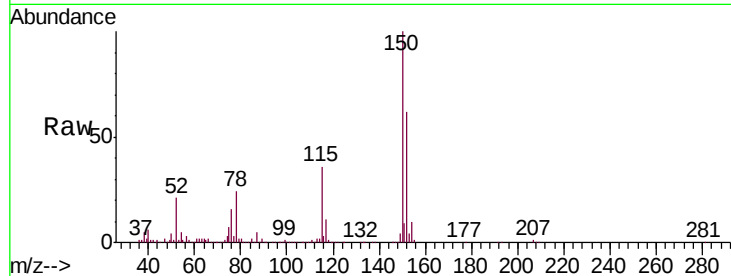




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW008463.D
 Acq: 30 Jan 2019 14:04

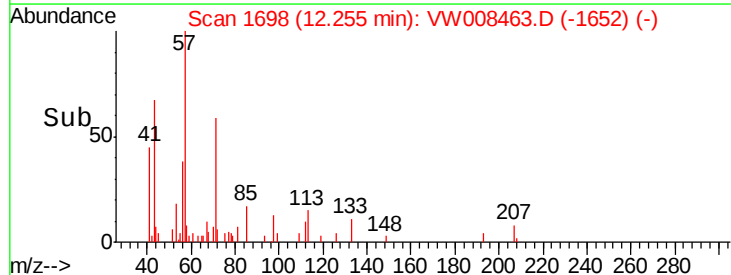
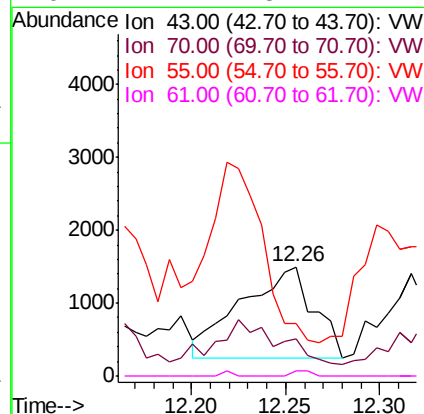
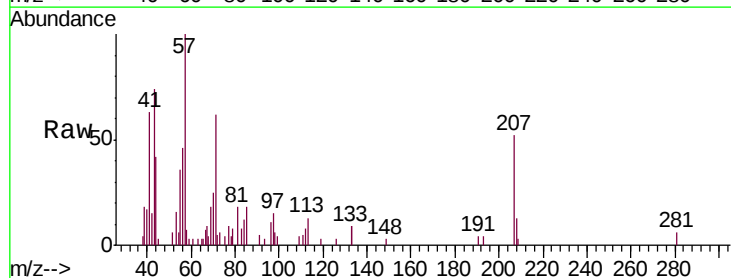
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2

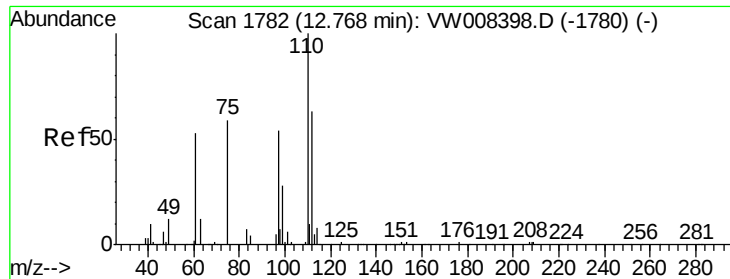
Tgt Ion: 152 Resp: 130892
 Ion Ratio Lower Upper
 152 100
 115 58.2 29.9 89.7
 150 160.3 0.0 351.4



#74
 N-ethyl acetate
 Concen: 1.315 ug/l
 RT: 12.26 min Scan# 1698
 Delta R.T. -0.02 min
 Lab File: VW008463.D
 Acq: 30 Jan 2019 14:04

Tgt Ion: 43 Resp: 3305
 Ion Ratio Lower Upper
 43 100
 70 0.0 31.0 46.6#
 55 0.0 17.4 26.2#
 61 1.4 18.2 27.4#





#76

1,2,3-Trichloropropane

Concen: 72.727 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008463.D

Acq: 30 Jan 2019 14:04

Instrument :

MSVOA_W

ClientSampled :

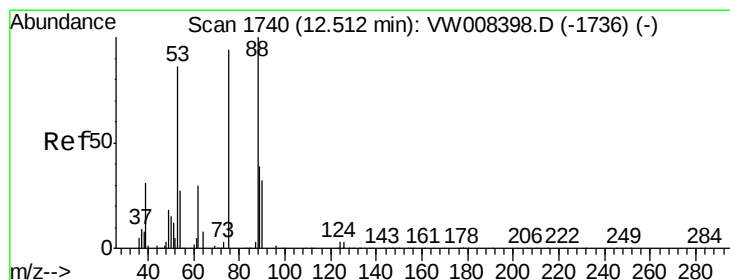
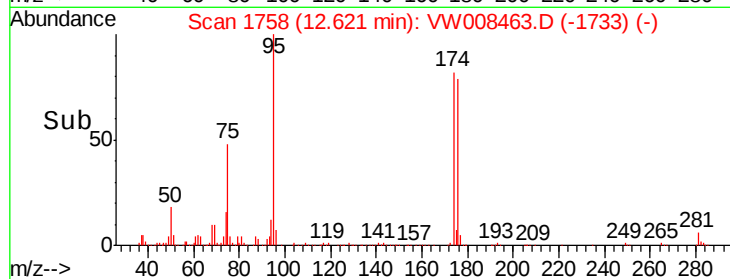
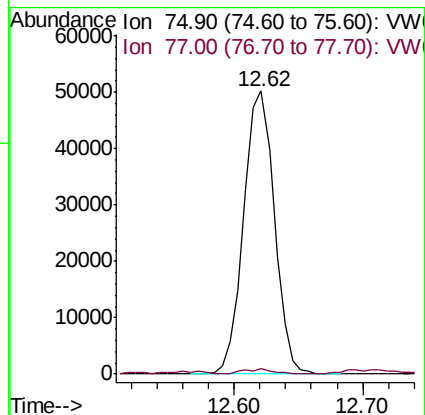
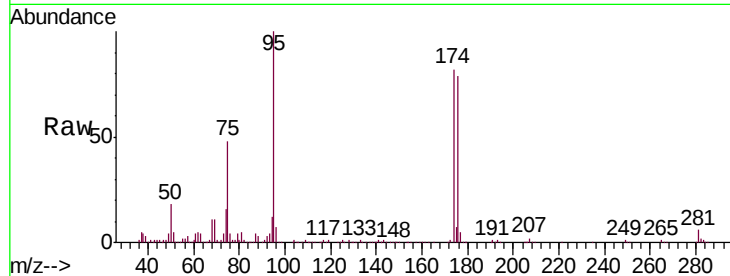
TP-2

Tgt Ion: 75 Resp: 82764

Ion Ratio Lower Upper

75 100

77 1.5 180.7 542.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 143.641 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008463.D

Acq: 30 Jan 2019 14:04

Tgt Ion: 75 Resp: 82764

Ion Ratio Lower Upper

75 100

53 0.6 76.0 114.0#

89 0.0 35.4 53.0#

