

Data File : VW008210.D
Acq On : 11 Jan 2019 22:23
Operator : SY/VA
Sample : K1117-01
Misc : 7.09G/5ML/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S32-IDW22

Quant Time: Jan 12 00:19:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	87412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	152814	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	137813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	62632	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	51643	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
35) Dibromofluoromethane	7.88	113	48156	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	
50) Toluene-d8	10.32	98	193974	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
62) 4-Bromofluorobenzene	12.62	95	63948	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	

Target Compounds

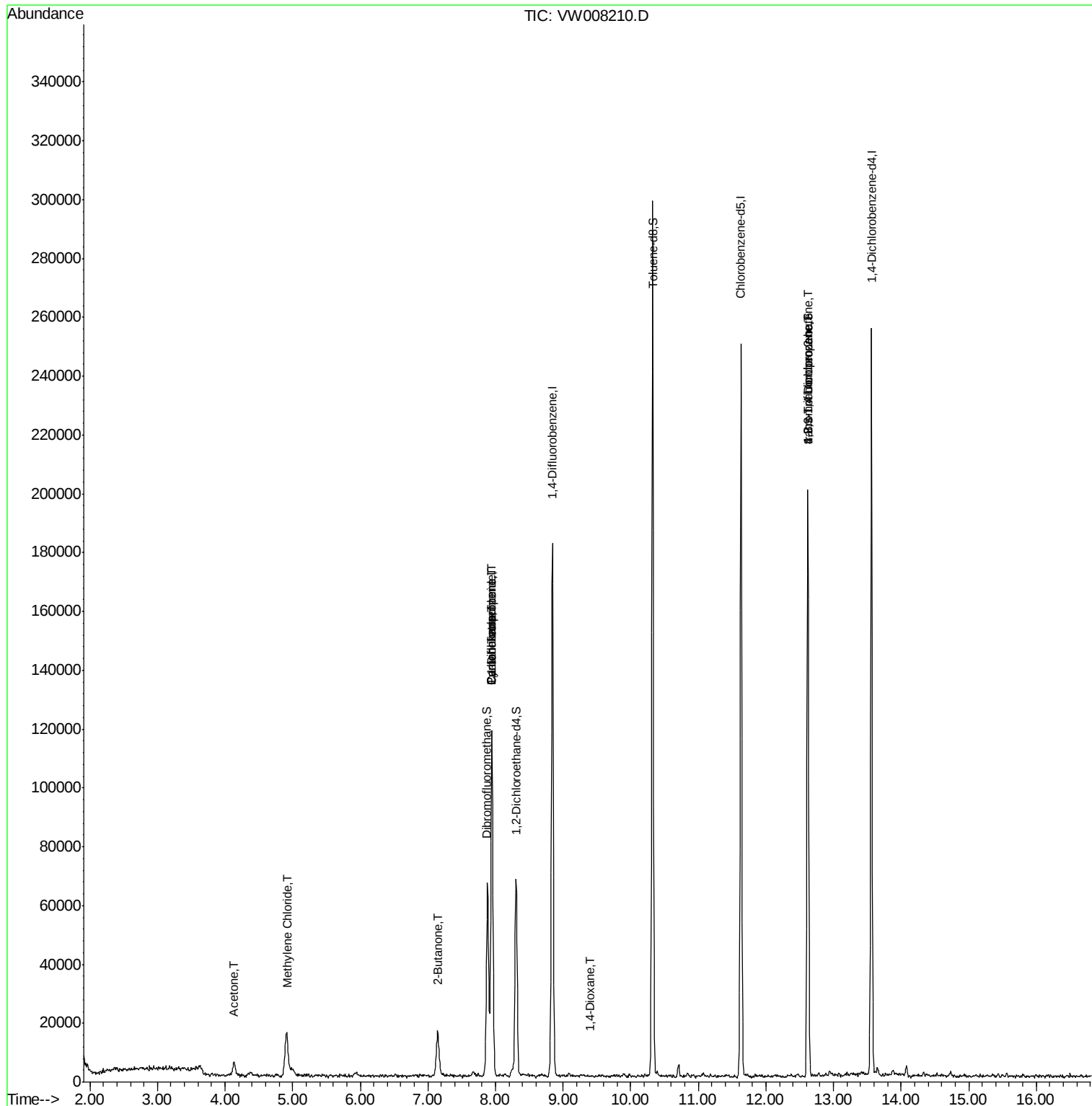
						Qvalue
11) Tert butyl alcohol	5.23	59	116	Below Cal	#	100
13) Acrolein	3.92	56	45	Below Cal	#	35
16) Acetone	4.14	43	9438	35.280	ug/l #	85
20) Methylene Chloride	4.92	84	11557	7.900	ug/l	92
25) 2-Butanone	7.15	43	1529	5.594	ug/l #	49
31) Cyclohexane	7.94	56	2336	1.130	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	7156	4.546	ug/l #	53
38) Carbon Tetrachloride	7.95	117	8961	6.220	ug/l #	17
49) 1,4-Dioxane	9.40	88	21	2.512	ug/l #	79
76) 1,2,3-Trichloropropane	12.62	75	31375	54.951	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	31375	127.965	ug/l #	10

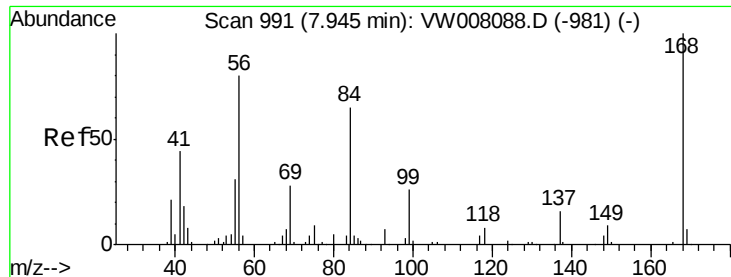
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008210.D

Acq: 11 Jan 2019 22:23

Instrument :

MSVOA_W

ClientSampleId :

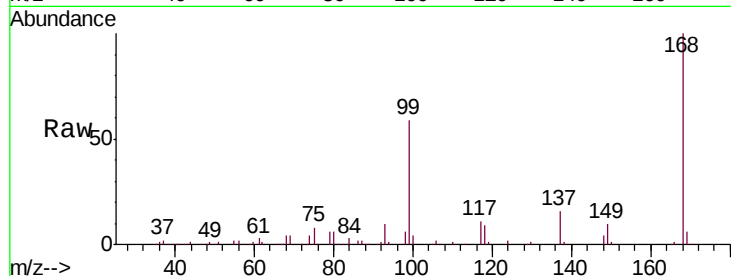
S32-IDW22

Tgt Ion:168 Resp: 87412

Ion Ratio Lower Upper

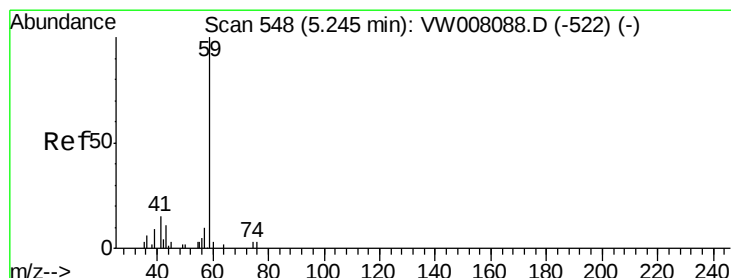
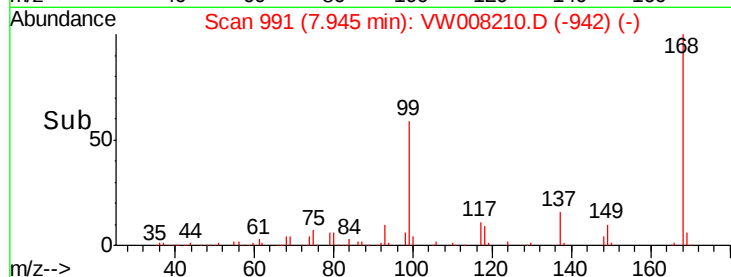
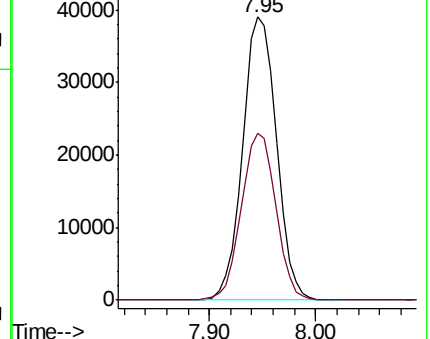
168 100

99 59.2 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.23 min Scan# 546

Delta R.T. -0.01 min

Lab File: VW008210.D

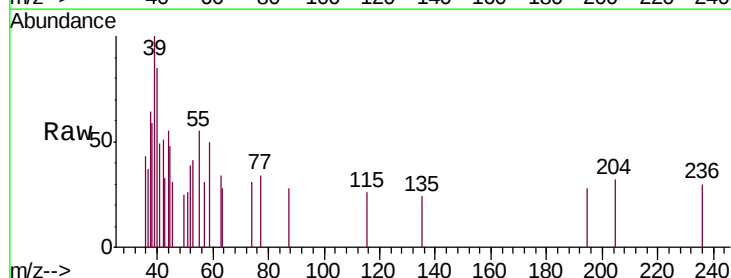
Acq: 11 Jan 2019 22:23

Tgt Ion: 59 Resp: 116

Ion Ratio Lower Upper

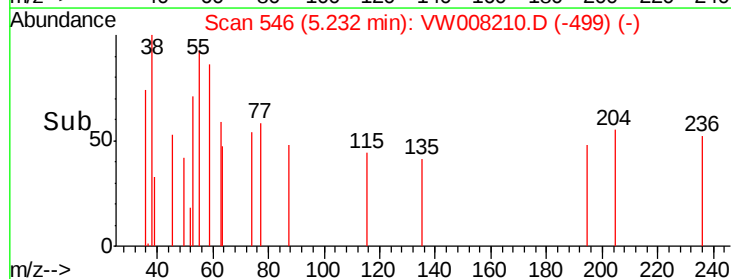
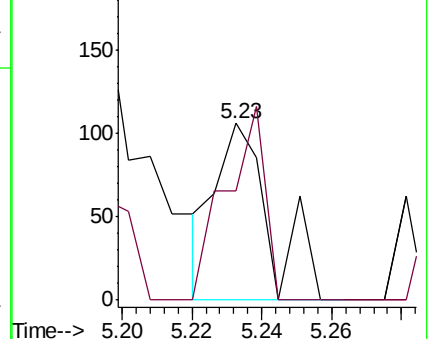
59 100

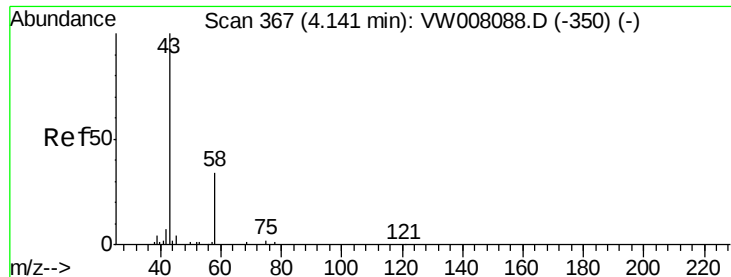
57 77.6 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

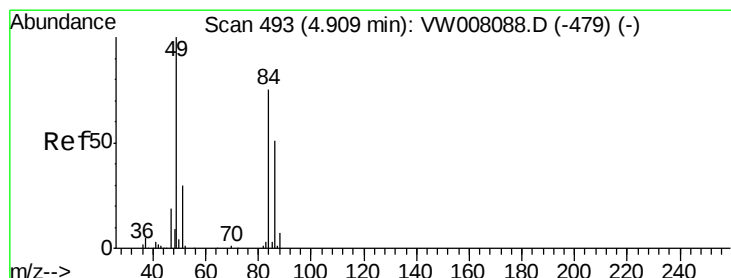
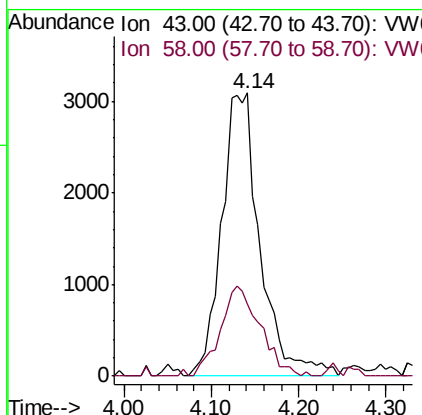
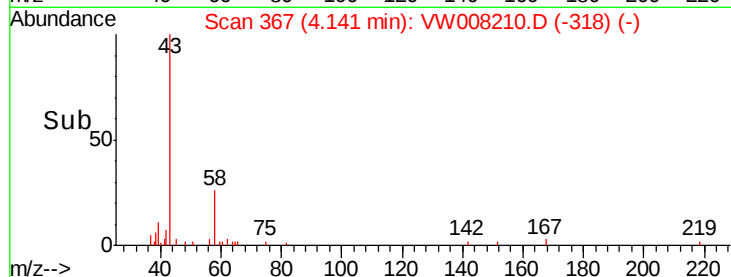
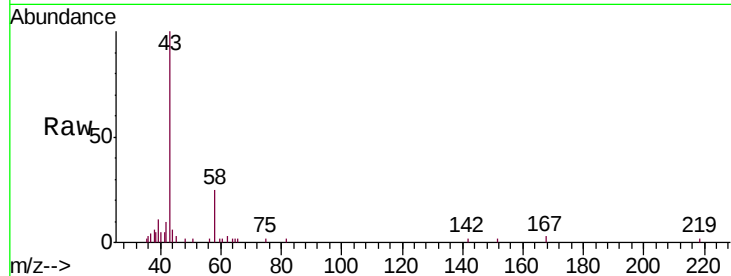




#16
Acetone
Concen: 35.280 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.00 min
Lab File: VW008210.D
Acq: 11 Jan 2019 22:23

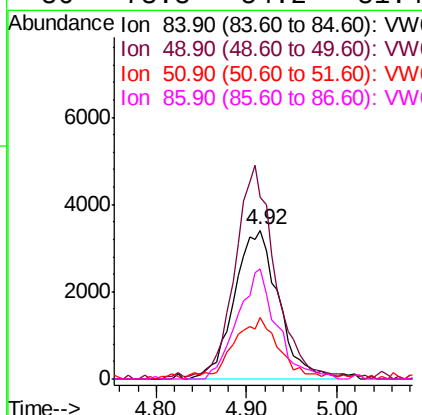
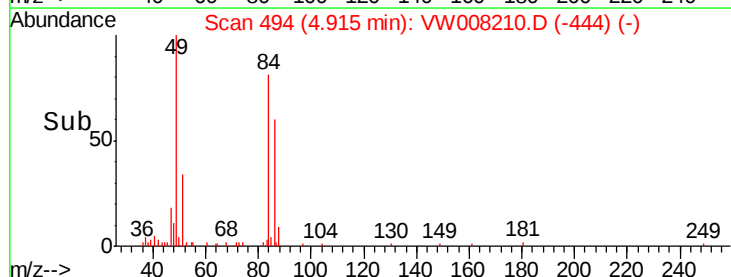
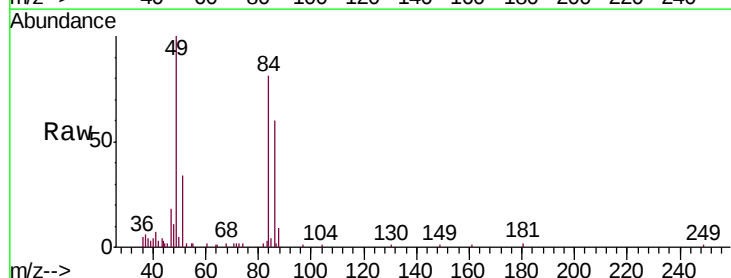
Instrument :
MSVOA_W
ClientSampleId :
S32-IDW22

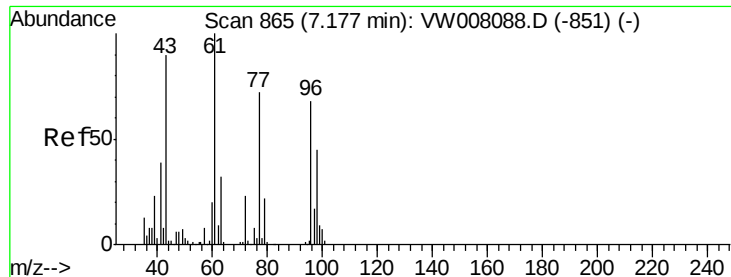
Tgt Ion: 43 Resp: 9438
Ion Ratio Lower Upper
43 100
58 25.5 27.5 41.3#



#20
Methylene Chloride
Concen: 7.900 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008210.D
Acq: 11 Jan 2019 22:23

Tgt Ion: 84 Resp: 11557
Ion Ratio Lower Upper
84 100
49 121.0 107.1 160.7
51 39.6 32.4 48.6
86 73.8 54.2 81.4





#25

2-Butanone

Concen: 5.594 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.03 min

Lab File: VW008210.D

Acq: 11 Jan 2019 22:23

Instrument :

MSVOA_W

ClientSampleId :

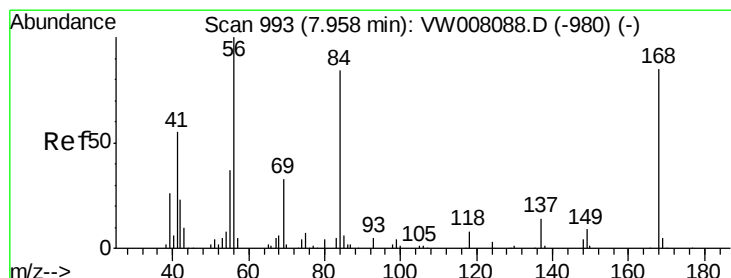
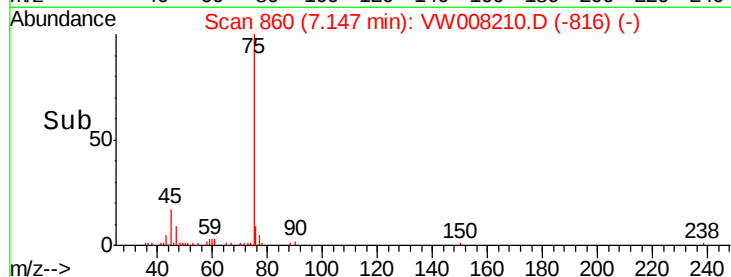
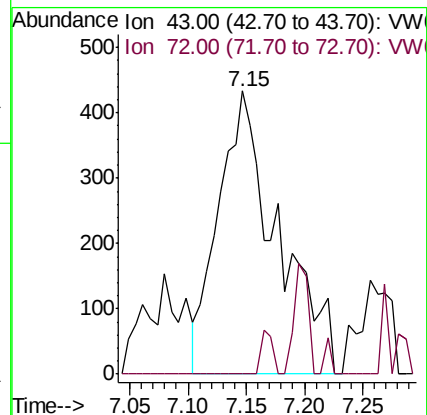
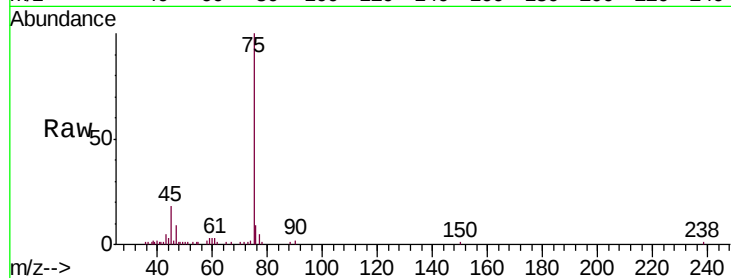
S32-IDW22

Tgt Ion: 43 Resp: 1529

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#



#31

Cyclohexane

Concen: 1.130 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.02 min

Lab File: VW008210.D

Acq: 11 Jan 2019 22:23

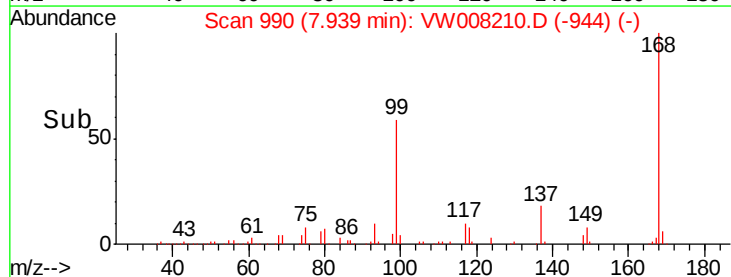
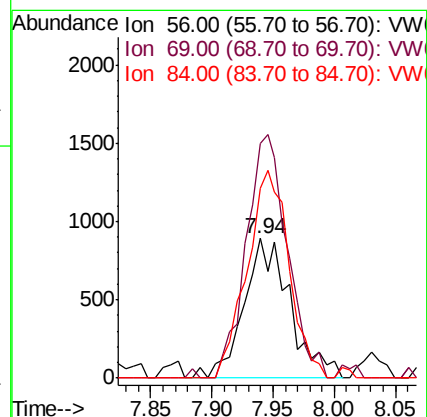
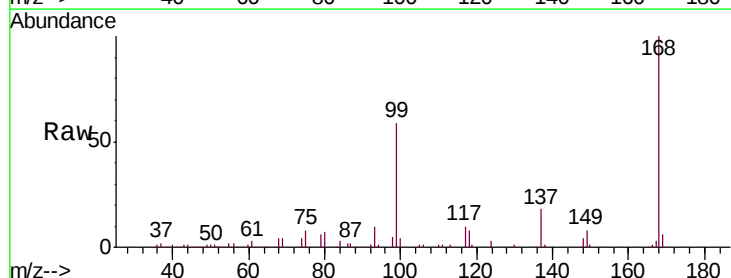
Tgt Ion: 56 Resp: 2336

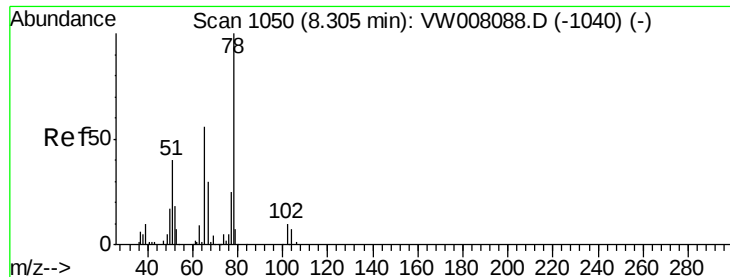
Ion Ratio Lower Upper

56 100

69 161.7 26.2 39.4#

84 136.6 67.4 101.2#

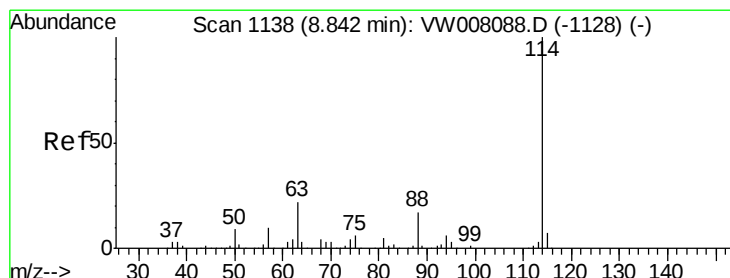
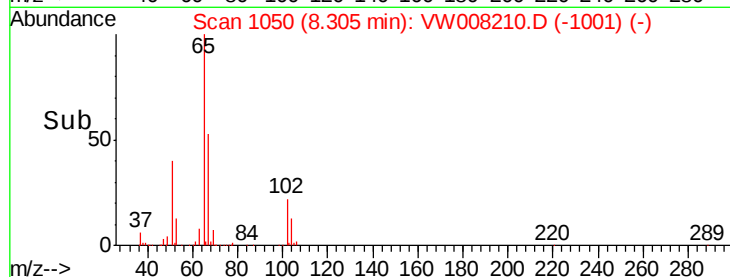
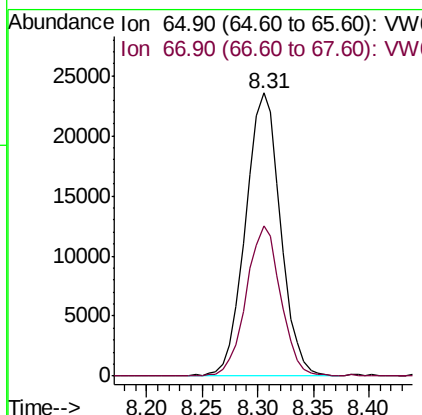
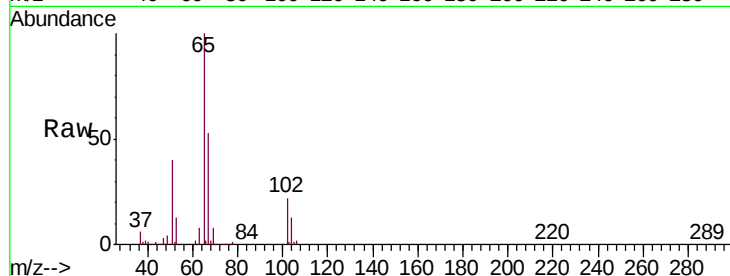




#33
 1,2-Dichloroethane-d4
 Concen: 52.566 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008210.D
 Acq: 11 Jan 2019 22:23

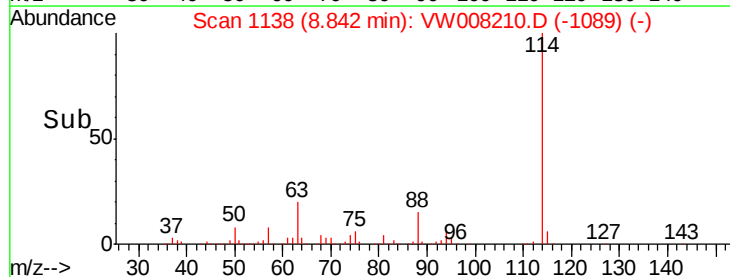
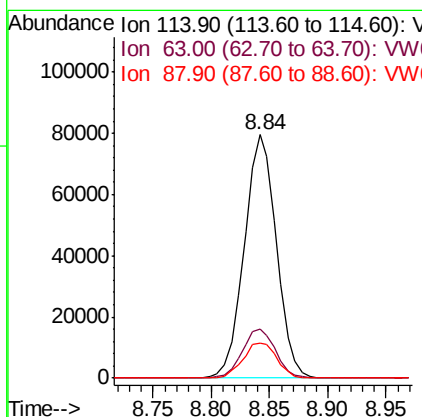
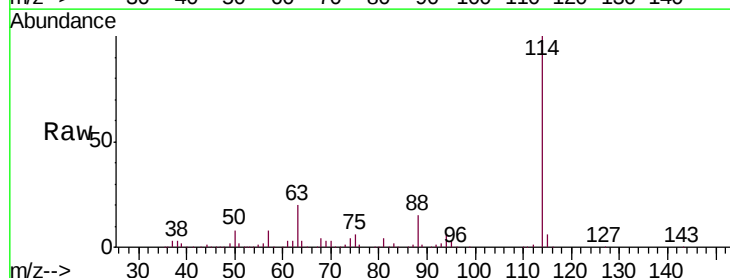
Instrument :
 MSVOA_W
 ClientSampleId :
 S32-IDW22

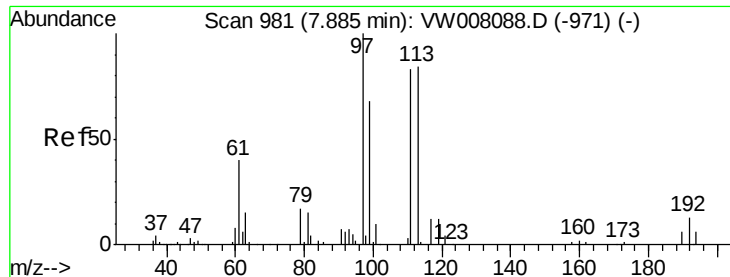
Tgt Ion: 65 Resp: 51643
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008210.D
 Acq: 11 Jan 2019 22:23

Tgt Ion: 114 Resp: 152814
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 43.4
 88 14.6 0.0 33.4

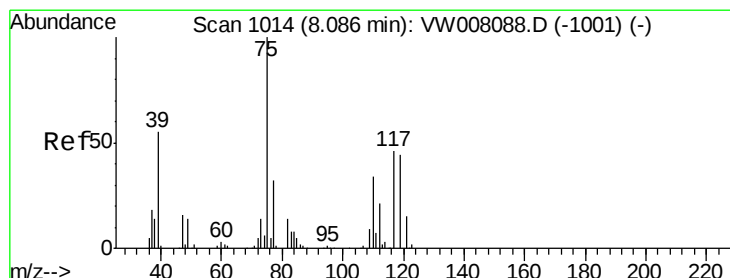
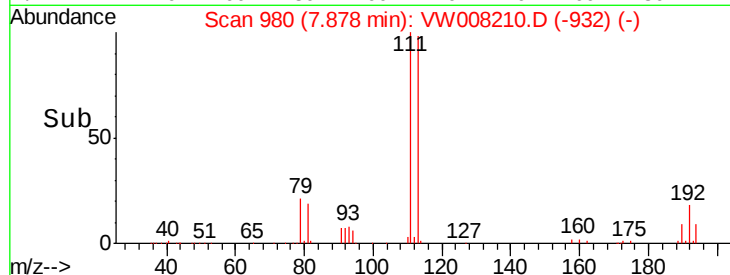
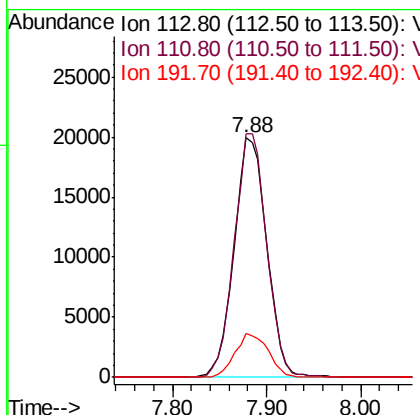
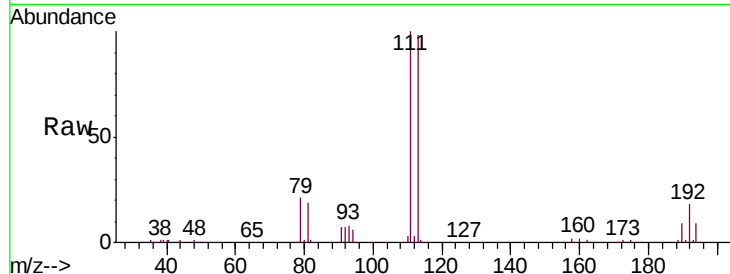




#35
 Dibromofluoromethane
 Concen: 54.031 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008210.D
 Acq: 11 Jan 2019 22:23

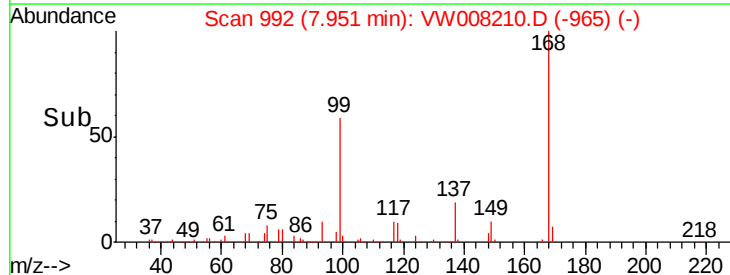
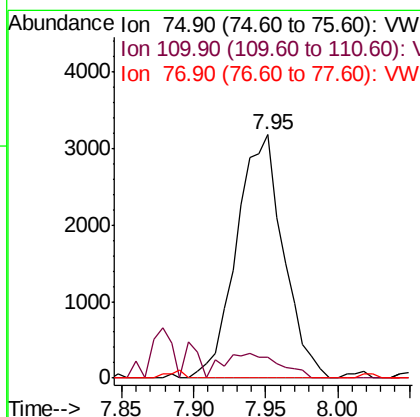
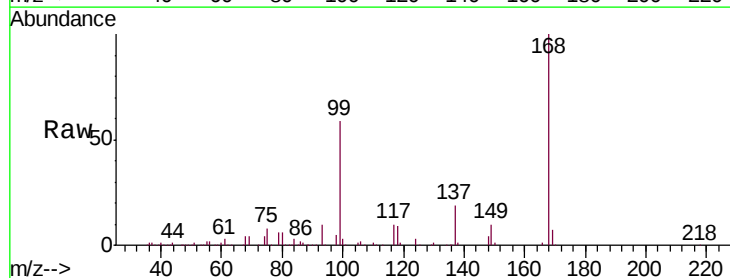
Instrument :
 MSVOA_W
 ClientSampled :
 S32-IDW22

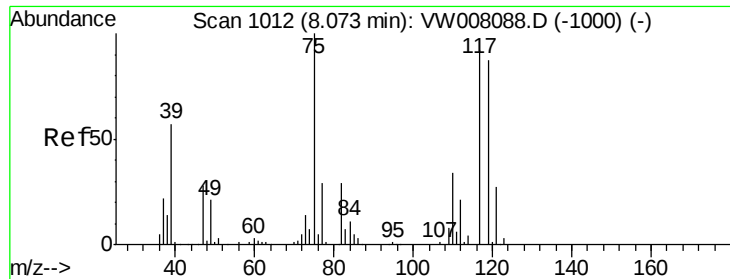
Tgt Ion:113 Resp: 48156
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.8 122.8
 192 18.3 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 4.546 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW008210.D
 Acq: 11 Jan 2019 22:23

Tgt Ion: 75 Resp: 7156
 Ion Ratio Lower Upper
 75 100
 110 12.3 17.1 51.3#
 77 0.0 25.5 38.3#

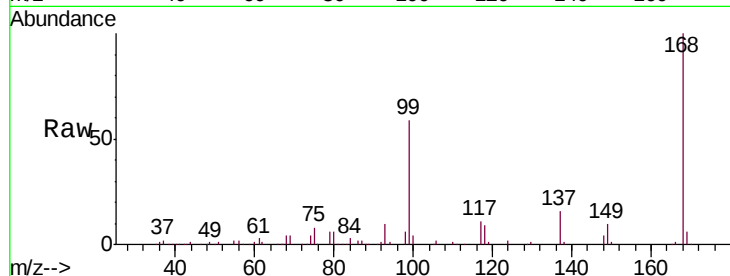




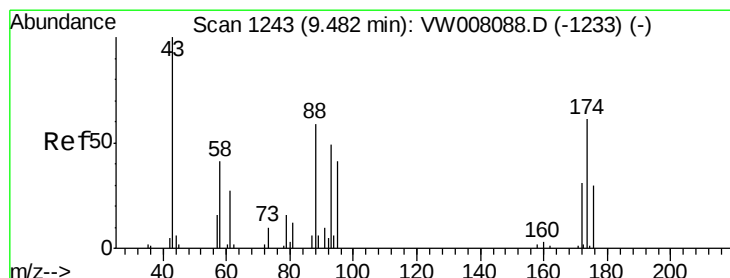
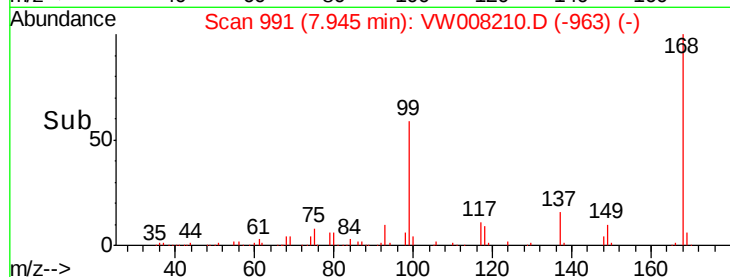
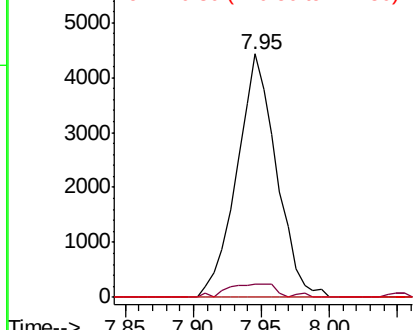
#38
Carbon Tetrachloride
Concen: 6.220 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW008210.D
Acq: 11 Jan 2019 22:23

Instrument :
MSVOA_W
ClientSampleId :
S32-IDW22

Tgt Ion: 117 Resp: 8961
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.8#
121 0.0 23.7 35.5#

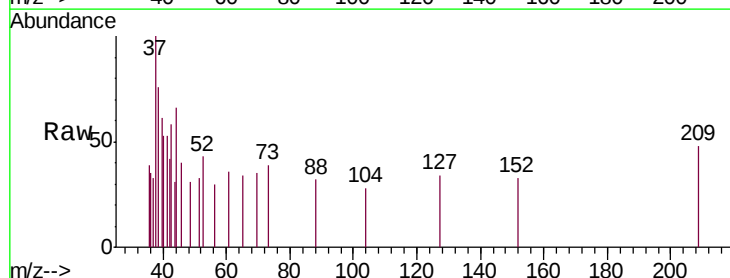


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

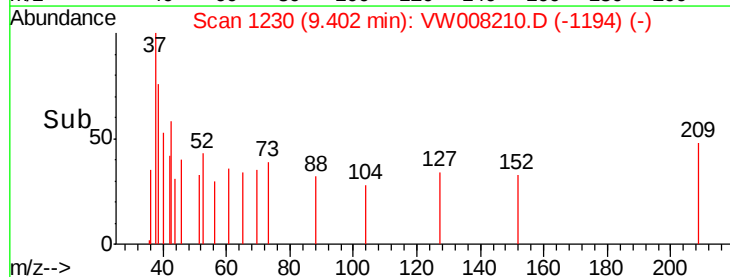
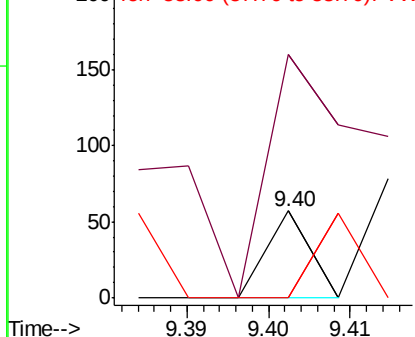


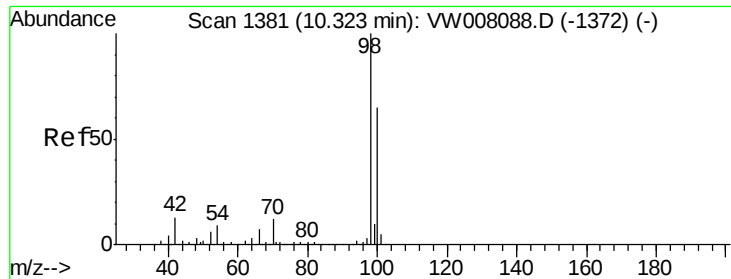
#49
1,4-Dioxane
Concen: 2.512 ug/l
RT: 9.40 min Scan# 1230
Delta R.T. -0.08 min
Lab File: VW008210.D
Acq: 11 Jan 2019 22:23

Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 661.9 0.0 0.0#
58 95.2 61.7 92.5#



Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

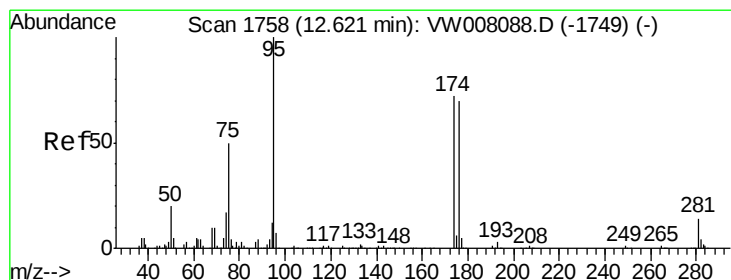
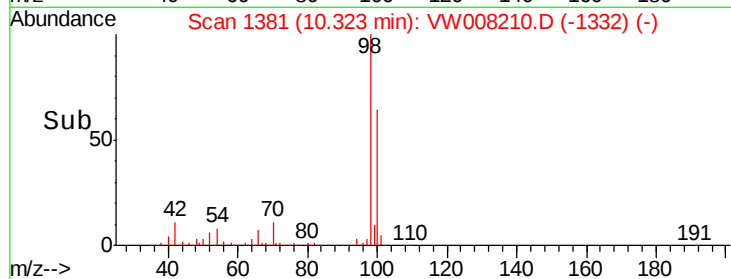
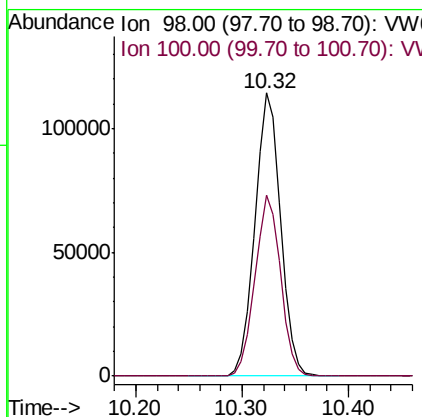
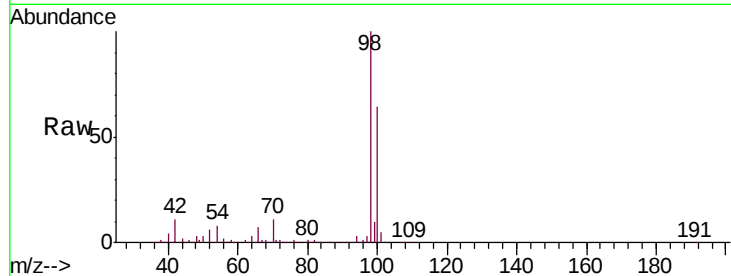




#50
Toluene-d8
Concen: 51.863 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008210.D
Acq: 11 Jan 2019 22:23

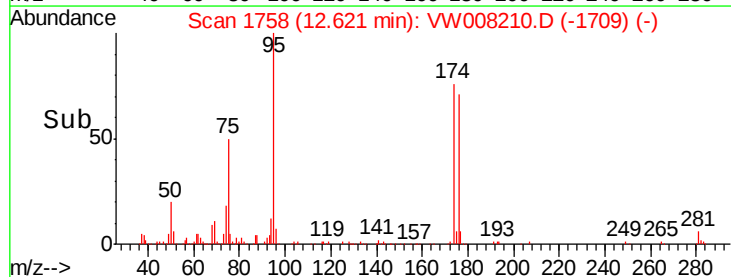
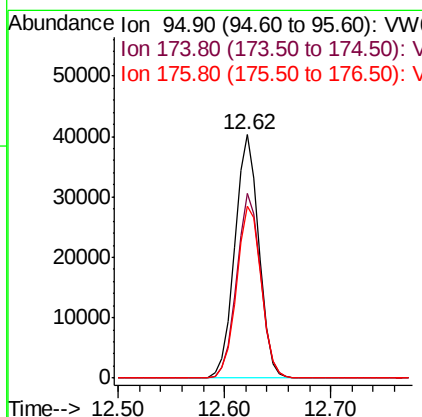
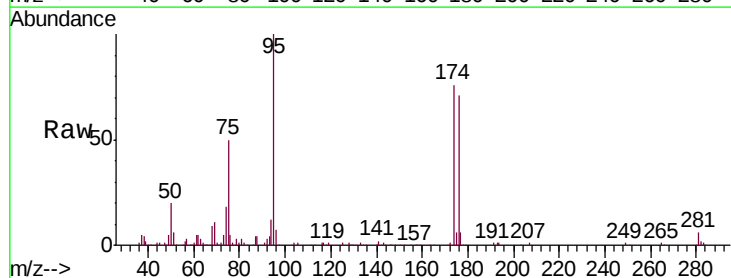
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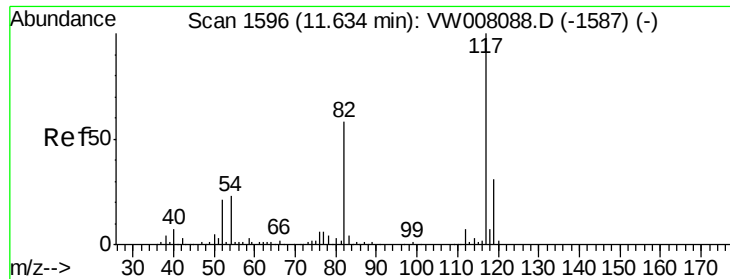
Tgt Ion: 98 Resp: 193974
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 47.693 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008210.D
Acq: 11 Jan 2019 22:23

Tgt Ion: 95 Resp: 63948
Ion Ratio Lower Upper
95 100
174 75.7 0.0 143.0
176 72.4 0.0 140.2

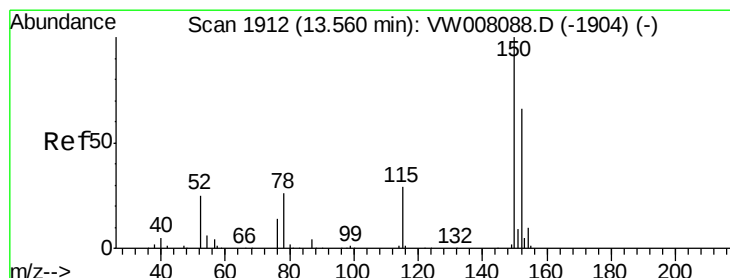
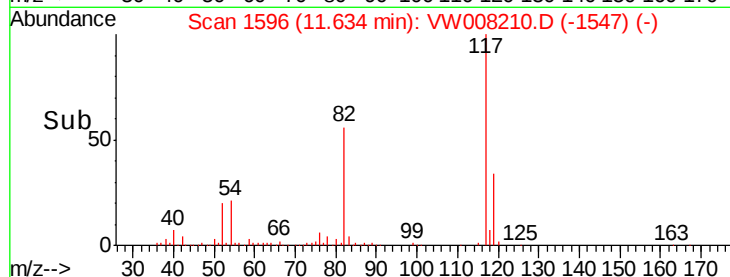
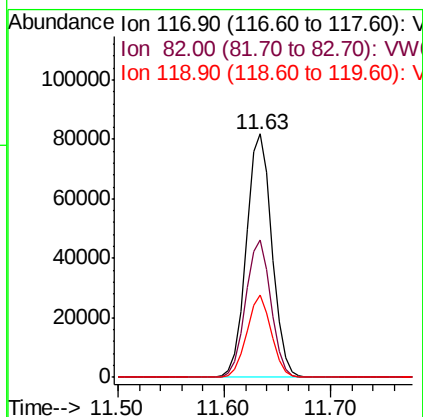
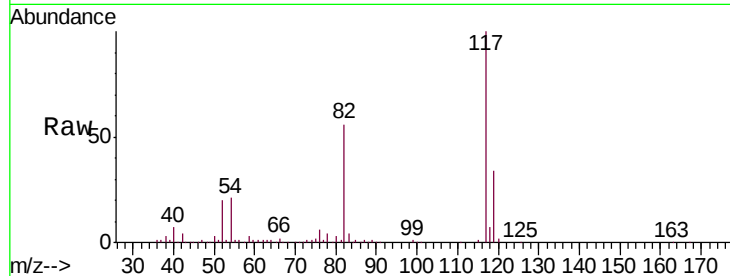




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008210.D
Acq: 11 Jan 2019 22:23

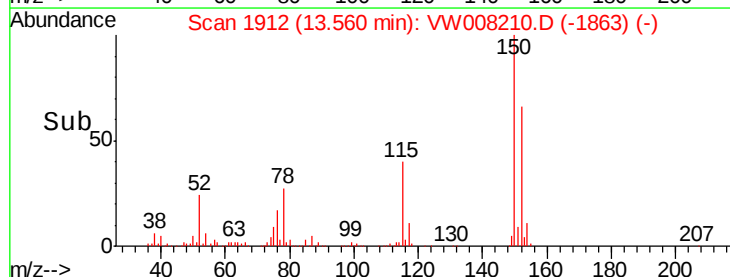
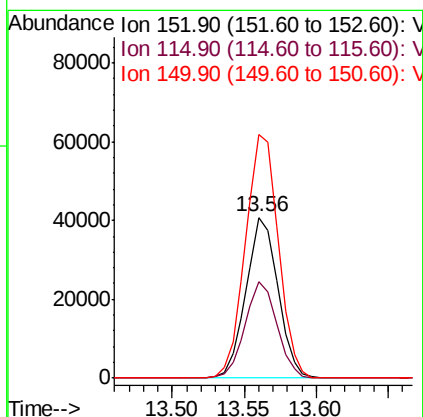
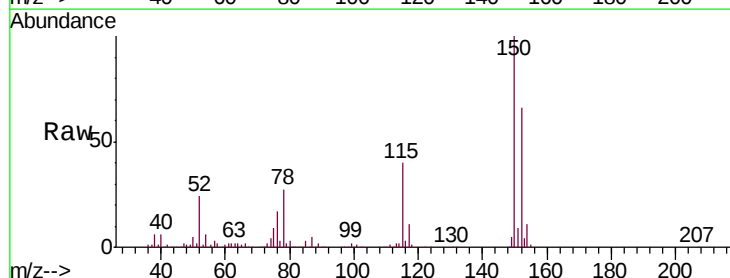
Instrument :
MSVOA_W
ClientSampleId :
S32-IDW22

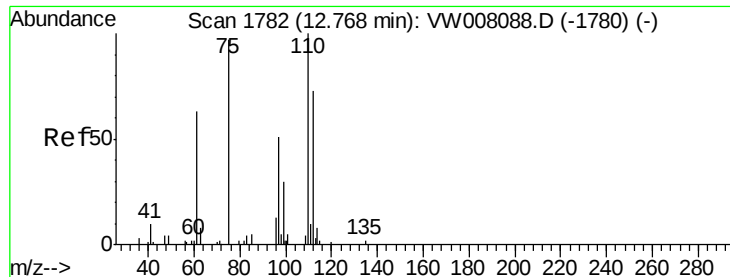
Tgt Ion:117 Resp: 137813
Ion Ratio Lower Upper
117 100
82 56.2 46.4 69.6
119 33.8 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008210.D
Acq: 11 Jan 2019 22:23

Tgt Ion:152 Resp: 62632
Ion Ratio Lower Upper
152 100
115 59.8 30.8 92.4
150 156.1 0.0 350.2

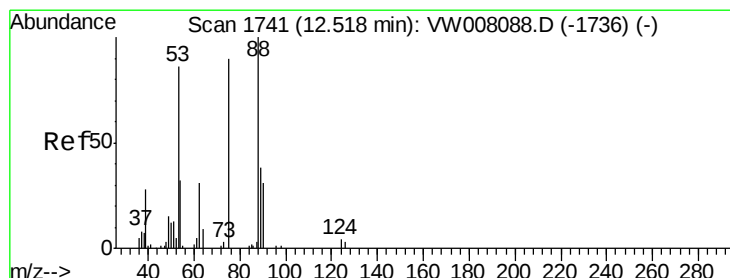
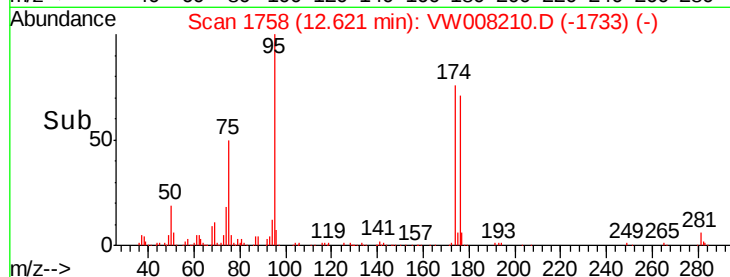
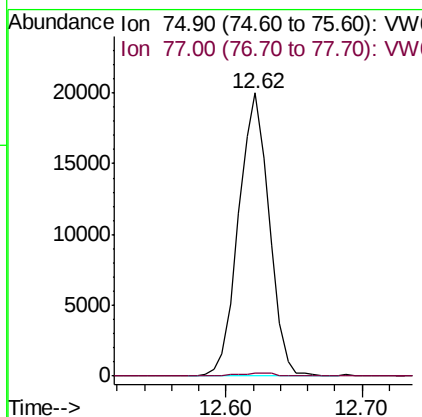
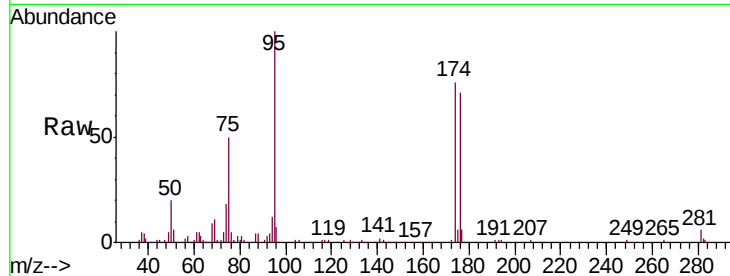




#76
 1,2,3-Trichloropropane
 Concen: 54.951 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW008210.D
 Acq: 11 Jan 2019 22:23

Instrument :
 MSVOA_W
 ClientSampled :
 S32-IDW22

Tgt Ion: 75 Resp: 31375
 Ion Ratio Lower Upper
 75 100
 77 1.4 179.4 538.2#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.965 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW008210.D
 Acq: 11 Jan 2019 22:23

Tgt Ion: 75 Resp: 31375
 Ion Ratio Lower Upper
 75 100
 53 0.2 78.8 118.2#
 89 0.1 35.4 53.2#

