

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082719\
 Data File : VW012199.D
 Acq On : 27 Aug 2019 09:13
 Operator : SY/VA
 Sample : VW0827SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0827SBL01

Quant Time: Aug 28 04:51:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

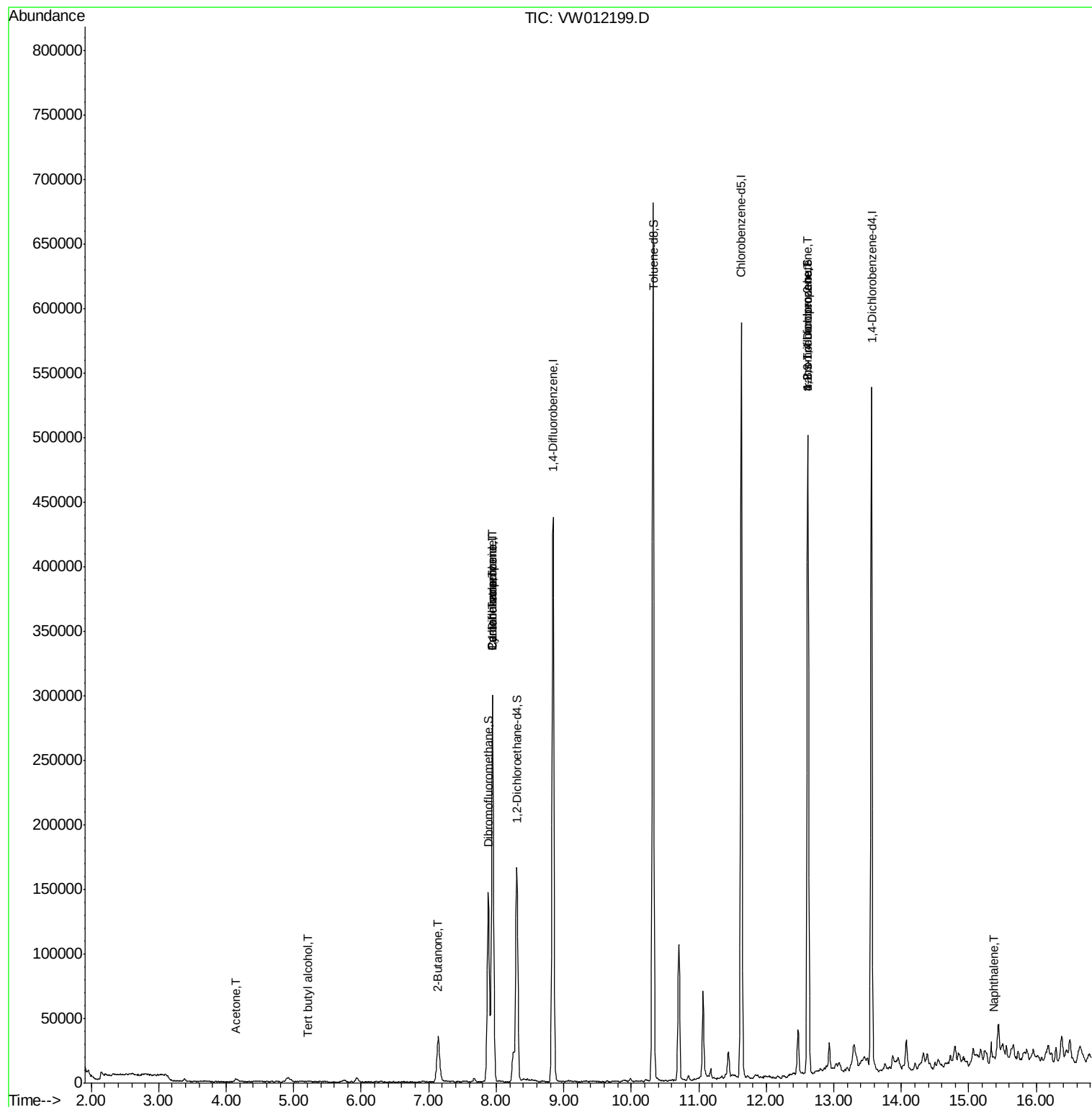
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	217625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	353044	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	301074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	131905	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	133411	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
35) Dibromofluoromethane	7.88	113	104660	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
50) Toluene-d8	10.32	98	432220	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
62) 4-Bromofluorobenzene	12.62	95	148642	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.20	59	533	3.424	ug/l #	71
16) Acetone	4.14	43	5220	7.894	ug/l #	84
25) 2-Butanone	7.14	43	2653	2.952	ug/l #	71
31) Cyclohexane	7.94	56	5298	1.137	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18437	5.054	ug/l #	51
38) Carbon Tetrachloride	7.95	117	21835	6.915	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	80676	62.799	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	80676	137.690	ug/l #	6
95) Naphthalene	15.36	128	2878	4.850	ug/l #	85

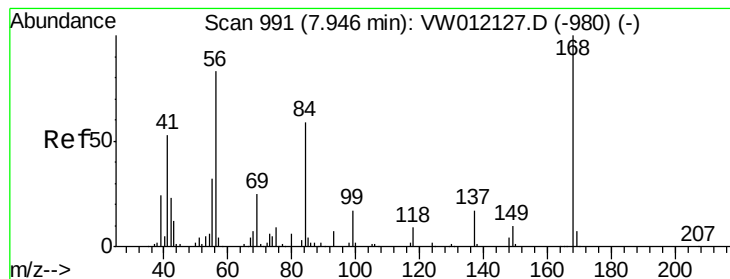
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082719\
Data File : VW012199.D
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Sample : VW0827SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VW0827SBL01

Quant Time: Aug 28 04:51:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 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: VW012199.D

Acq: 27 Aug 2019 09:13

Instrument :

MSVOA_W

ClientSampleId :

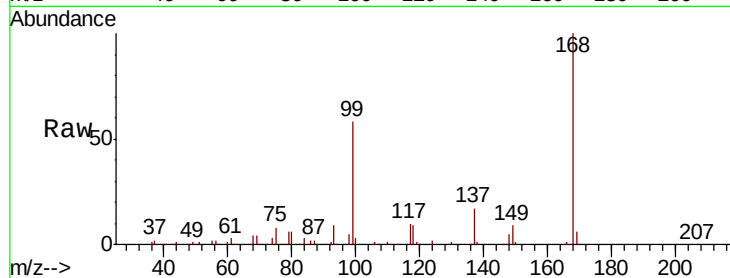
VW0827SBL01

Tgt Ion:168 Resp: 217625

Ion Ratio Lower Upper

168 100

99 57.6 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

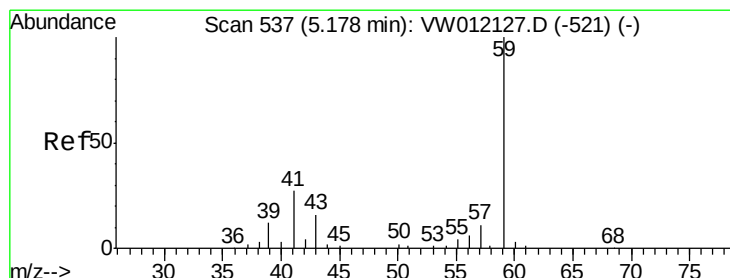
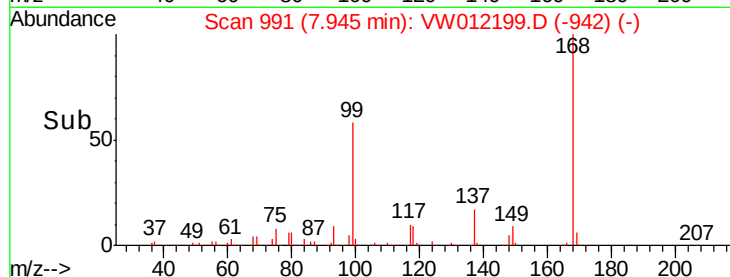
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.424 ug/l

RT: 5.20 min Scan# 541

Delta R.T. 0.02 min

Lab File: VW012199.D

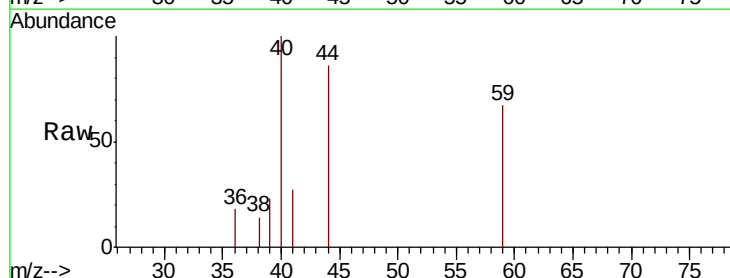
Acq: 27 Aug 2019 09:13

Tgt Ion: 59 Resp: 533

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

300

250

200

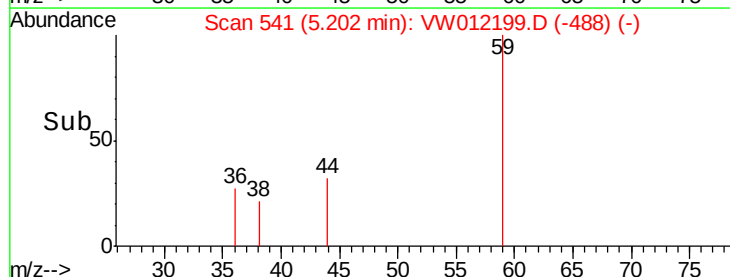
150

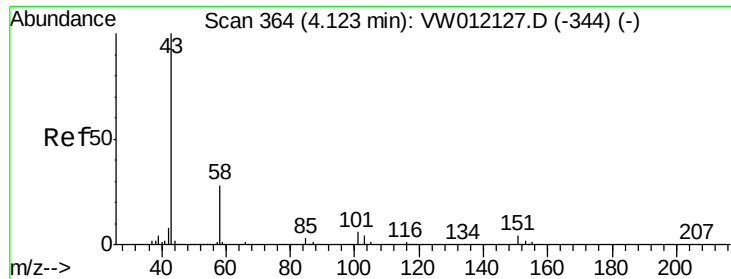
100

50

0

Time-->

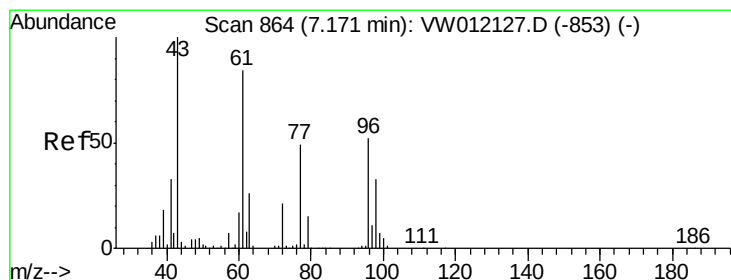
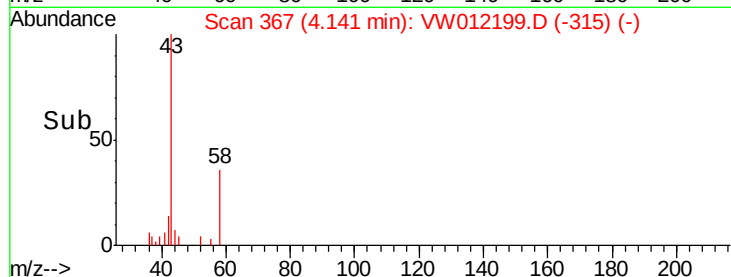
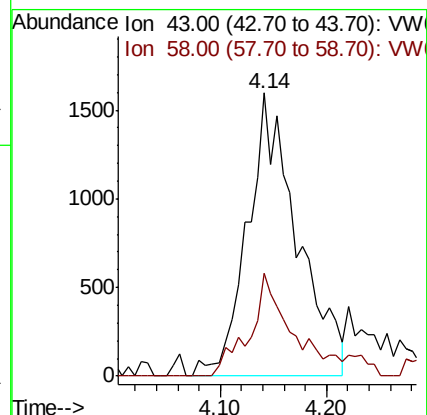
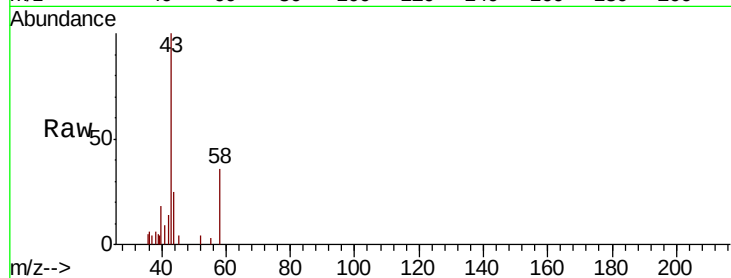




#16
Acetone
Concen: 7.894 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.02 min
Lab File: VW012199.D
Acq: 27 Aug 2019 09:13

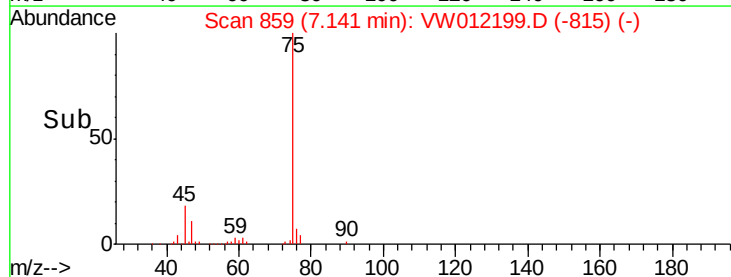
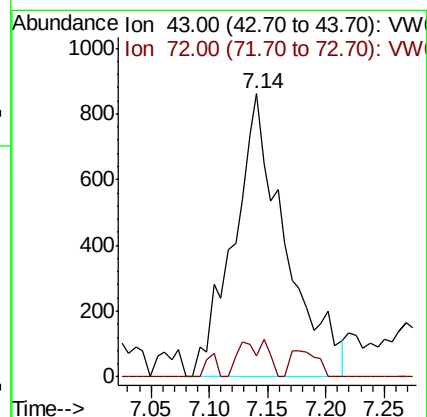
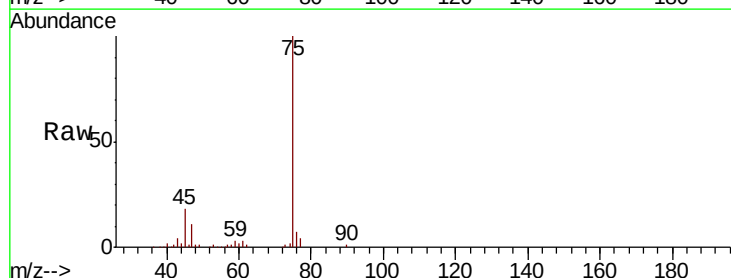
Instrument :
MSVOA_W
ClientSampleId :
VW0827SBL01

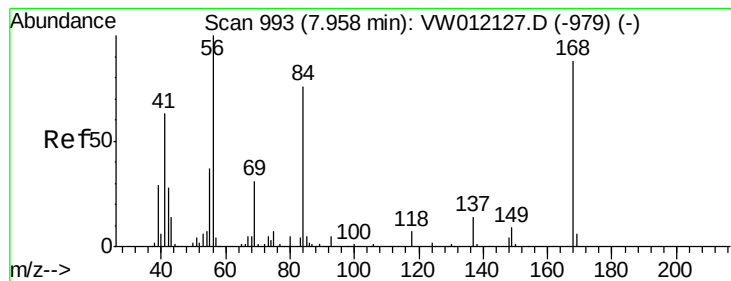
Tgt Ion: 43 Resp: 5220
Ion Ratio Lower Upper
43 100
58 36.2 22.4 33.6#



#25
2-Butanone
Concen: 2.952 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW012199.D
Acq: 27 Aug 2019 09:13

Tgt Ion: 43 Resp: 2653
Ion Ratio Lower Upper
43 100
72 7.3 16.6 24.8#





#31

Cyclohexane

Concen: 1.137 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.02 min

Lab File: VW012199.D

Acq: 27 Aug 2019 09:13

Instrument :

MSVOA_W

ClientSampleId :

VW0827SBL01

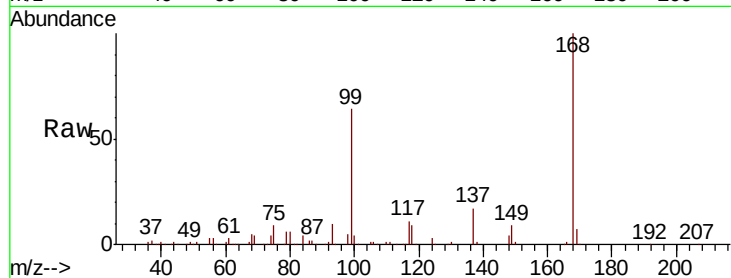
Tgt Ion: 56 Resp: 5298

Ion Ratio Lower Upper

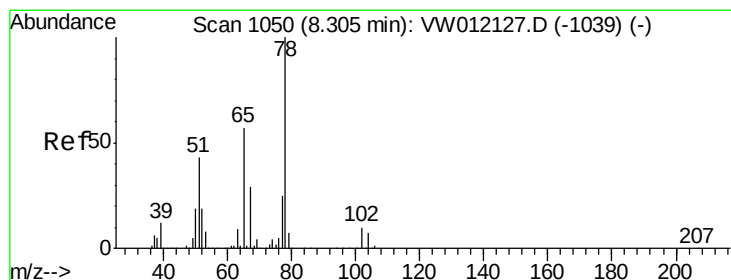
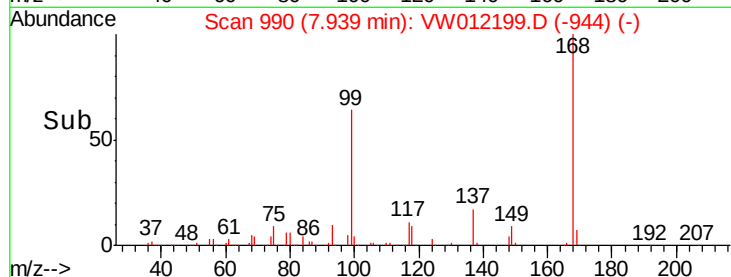
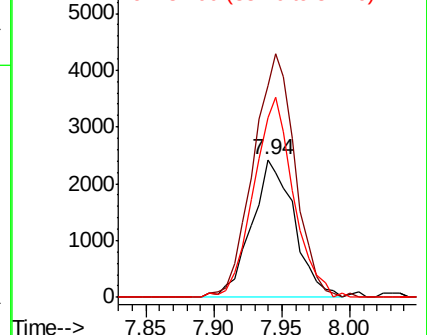
56 100

69 154.4 24.9 37.3#

84 130.2 60.6 90.8#



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: 51.569 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012199.D

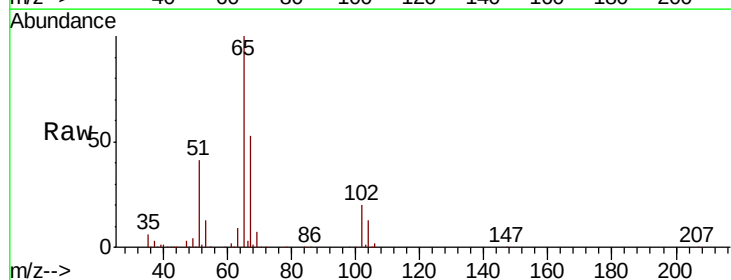
Acq: 27 Aug 2019 09:13

Tgt Ion: 65 Resp: 133411

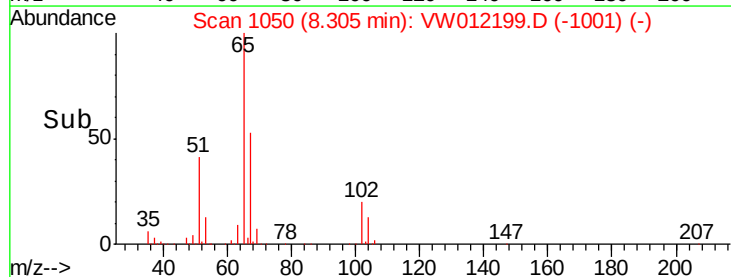
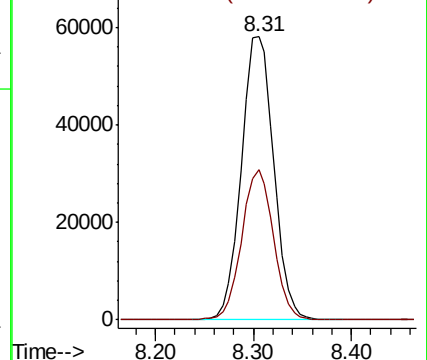
Ion Ratio Lower Upper

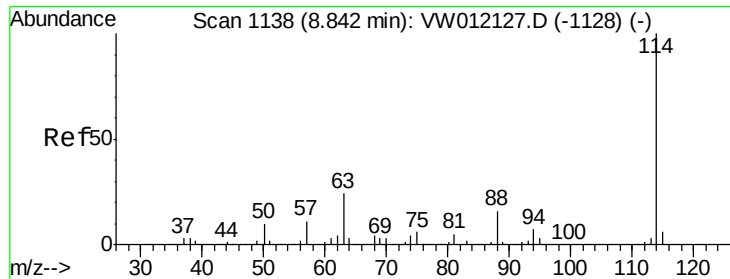
65 100

67 52.1 0.0 102.6



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

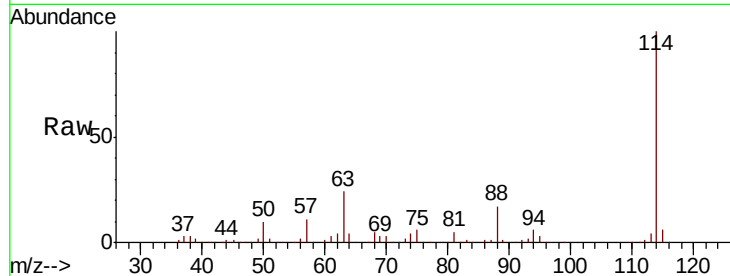




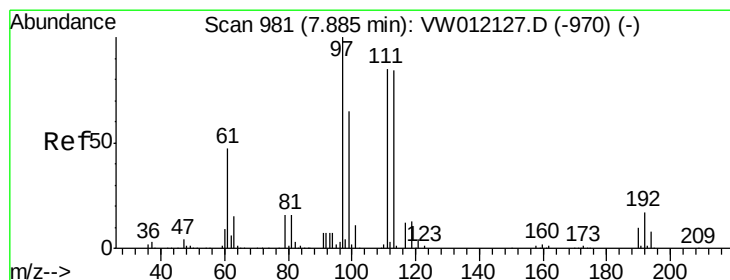
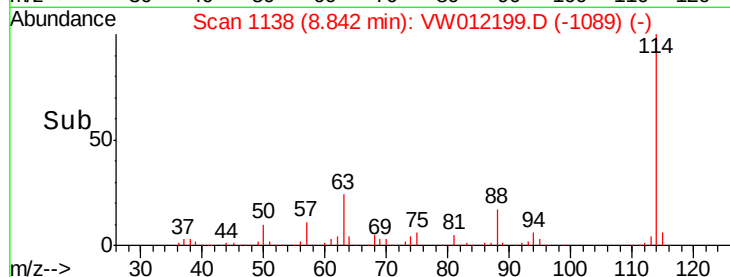
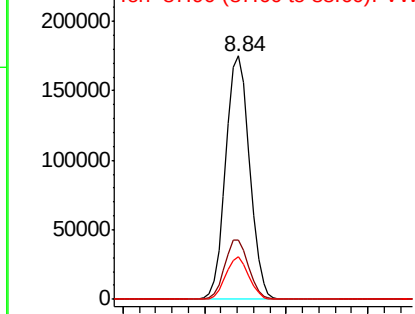
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012199.D
 Acq: 27 Aug 2019 09:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0827SBL01

Tgt Ion:114 Resp: 353044
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 48.6
 88 17.4 0.0 32.2

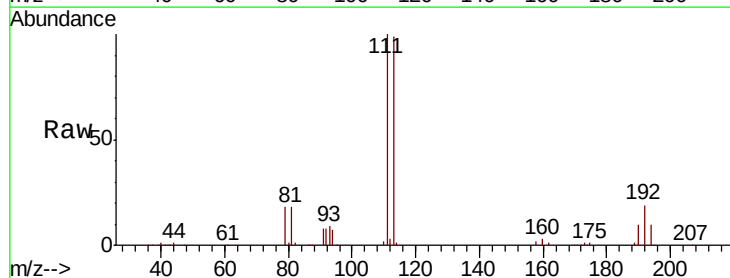


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

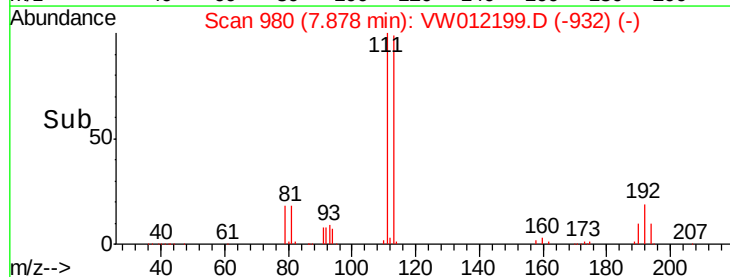
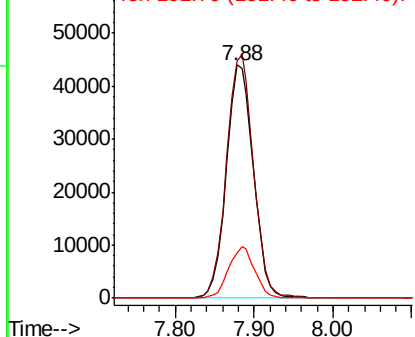


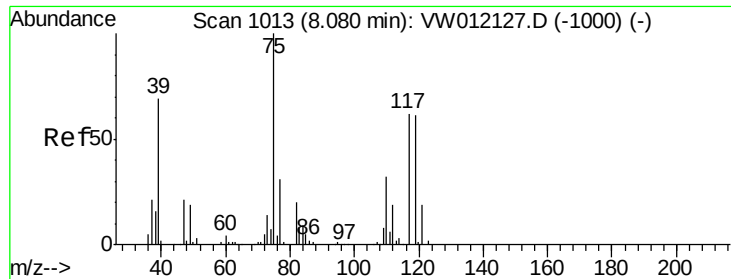
#35
 Dibromofluoromethane
 Concen: 49.665 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012199.D
 Acq: 27 Aug 2019 09:13

Tgt Ion:113 Resp: 104660
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.7 124.1
 192 21.2 16.2 24.2



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

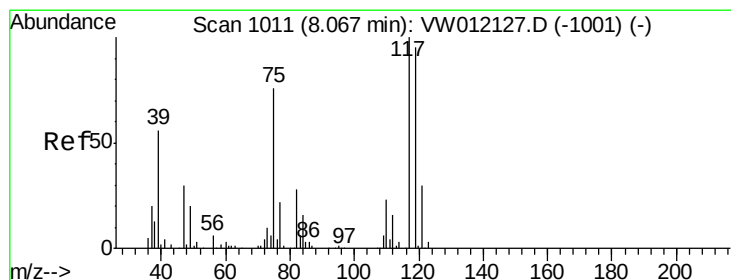
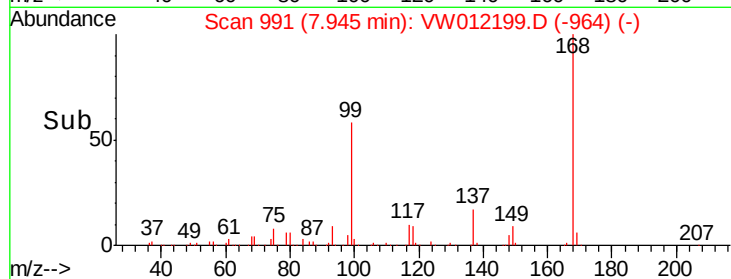
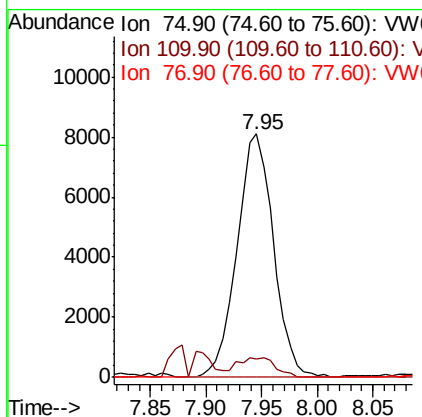
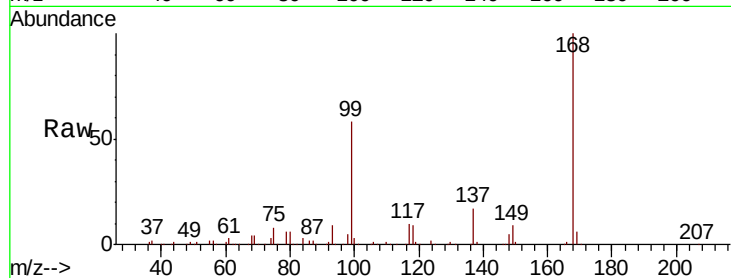




#36
 1,1-Dichloropropene
 Concen: 5.054 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012199.D
 Acq: 27 Aug 2019 09:13

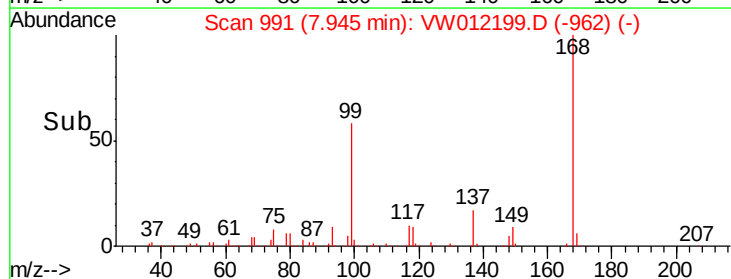
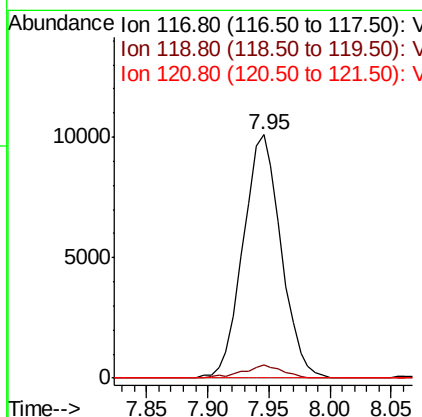
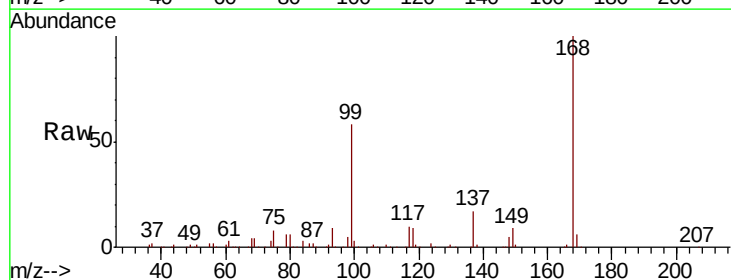
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0827SBL01

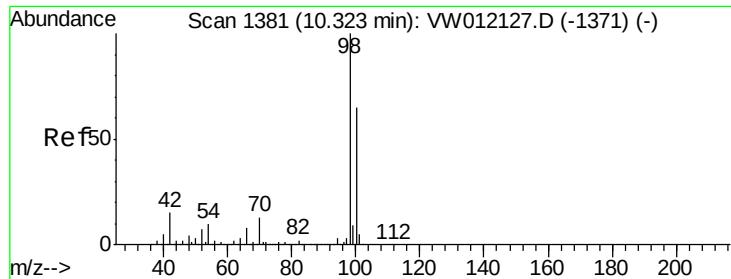
Tgt Ion: 75 Resp: 18437
 Ion Ratio Lower Upper
 75 100
 110 8.2 15.6 46.8#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 6.915 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012199.D
 Acq: 27 Aug 2019 09:13

Tgt Ion: 117 Resp: 21835
 Ion Ratio Lower Upper
 117 100
 119 5.2 76.2 114.2#
 121 0.0 23.8 35.8#

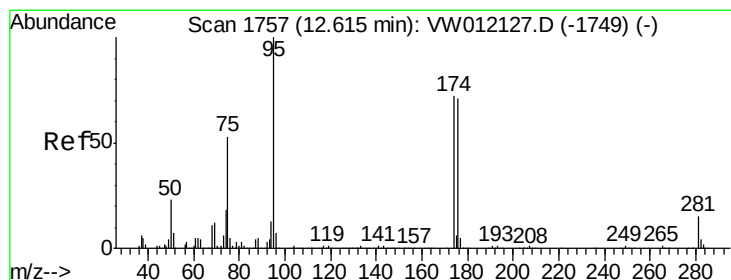
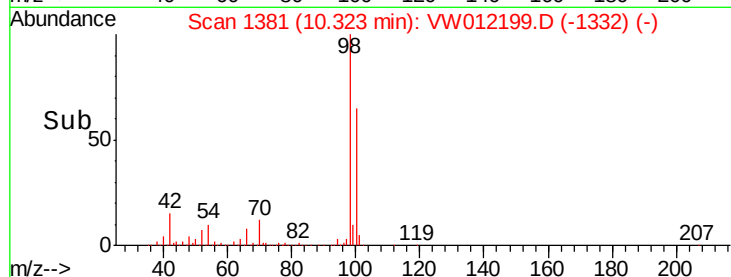
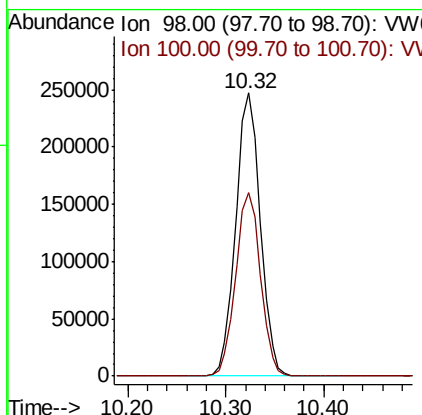
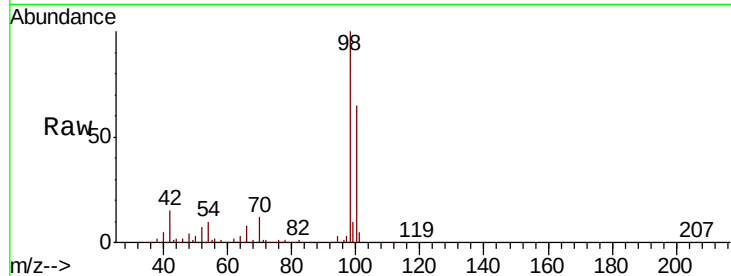




#50
Toluene-d8
Concen: 50.584 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012199.D
Acq: 27 Aug 2019 09:13

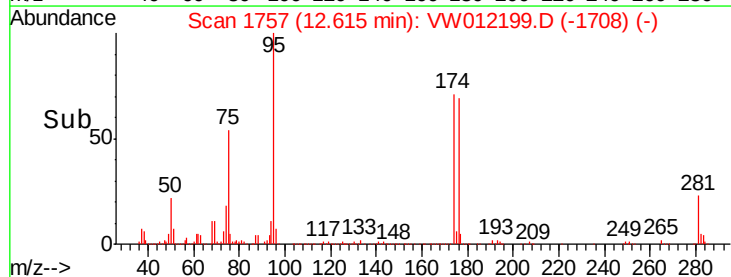
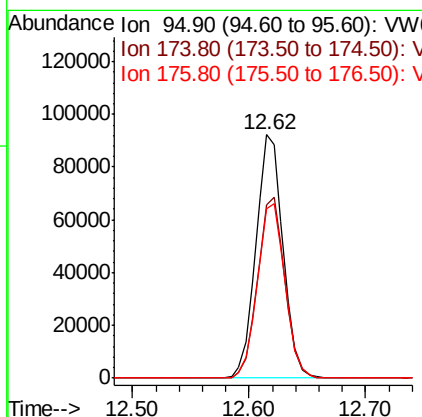
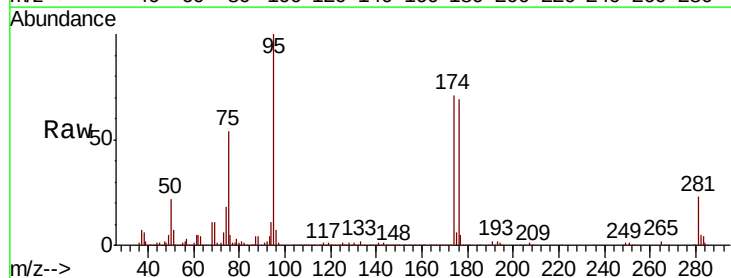
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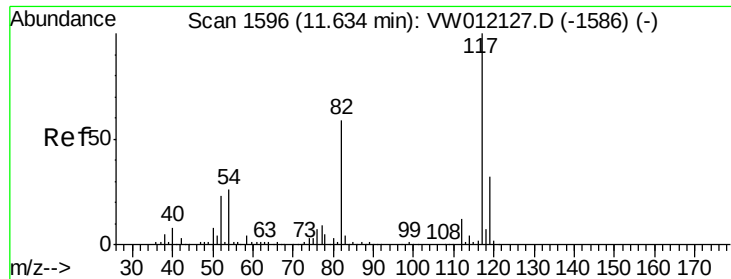
Tgt Ion: 98 Resp: 432220
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.350 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012199.D
Acq: 27 Aug 2019 09:13

Tgt Ion: 95 Resp: 148642
Ion Ratio Lower Upper
95 100
174 75.1 0.0 150.8
176 73.4 0.0 148.6

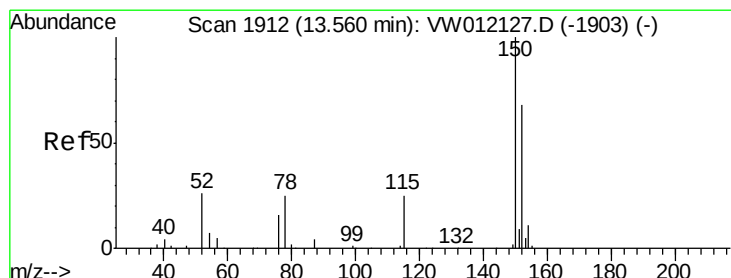
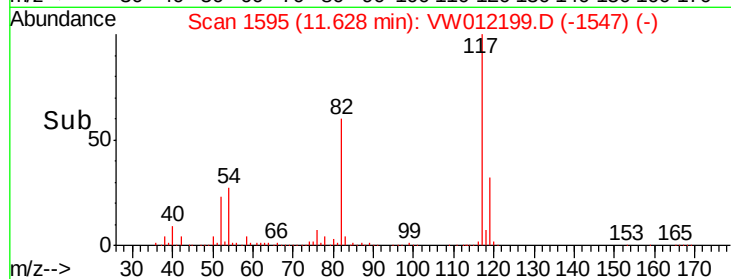
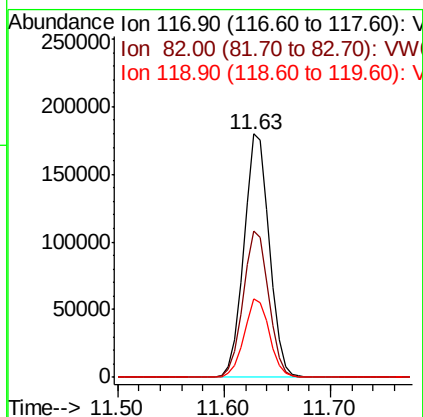
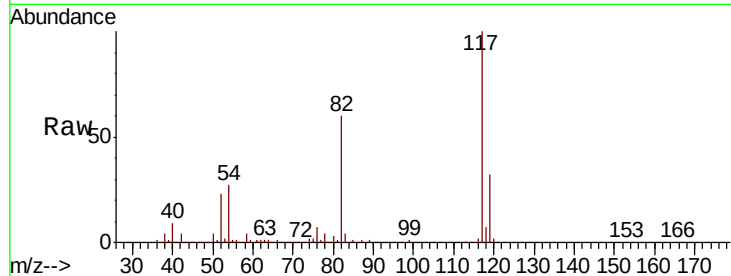




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012199.D
Acq: 27 Aug 2019 09:13

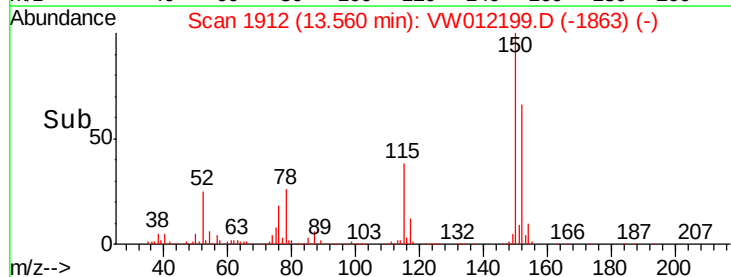
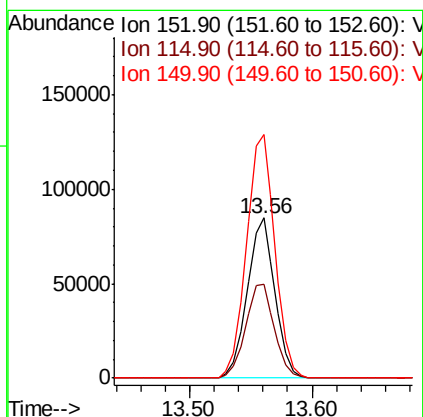
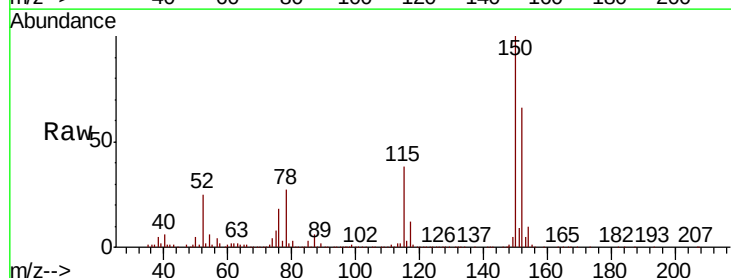
Instrument :
MSVOA_W
ClientSampleId :
VW0827SBL01

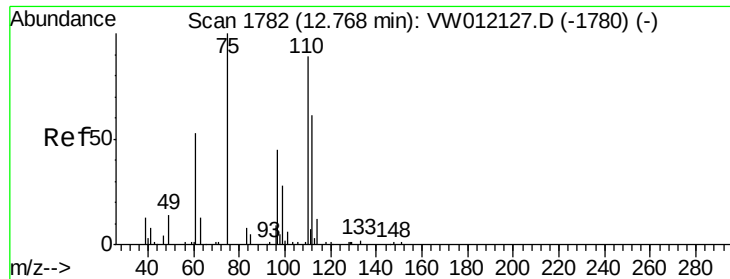
Tgt Ion:117 Resp: 301074
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.2
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012199.D
Acq: 27 Aug 2019 09:13

Tgt Ion:152 Resp: 131905
Ion Ratio Lower Upper
152 100
115 60.8 30.1 90.3
150 157.4 0.0 345.8

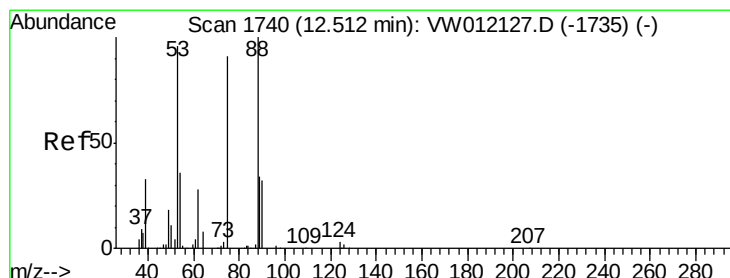
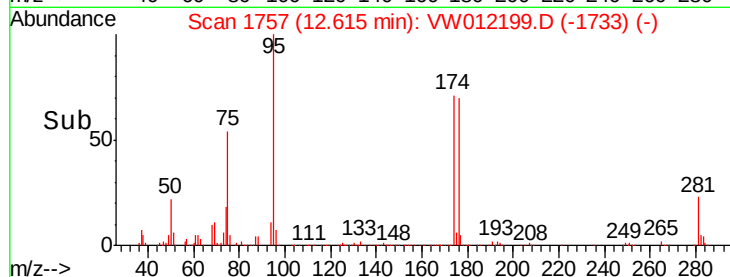
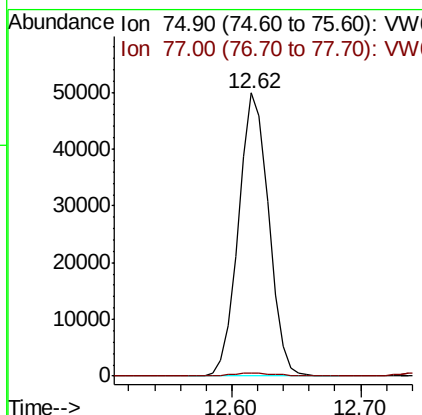
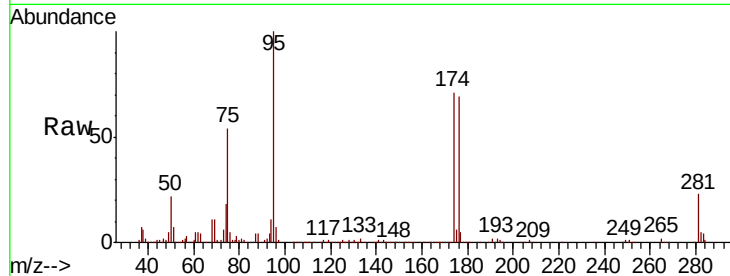




#76
 1,2,3-Trichloropropane
 Concen: 62.799 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW012199.D
 Acq: 27 Aug 2019 09:13

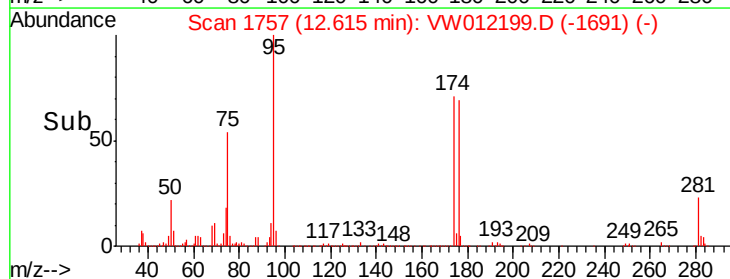
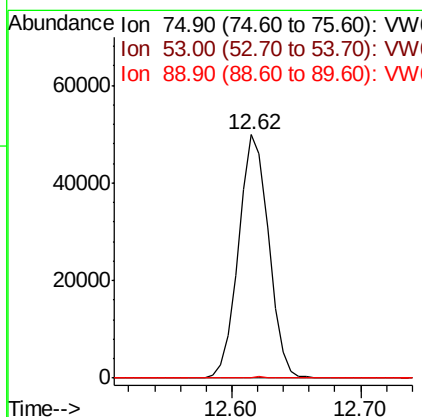
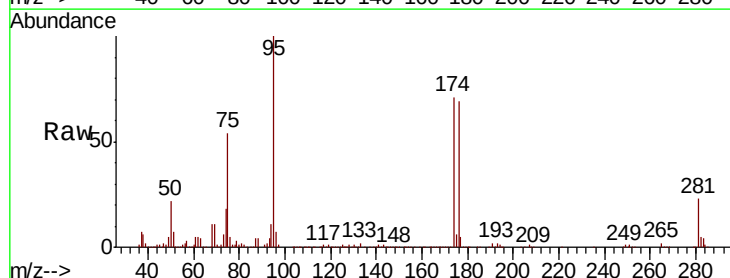
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0827SBL01

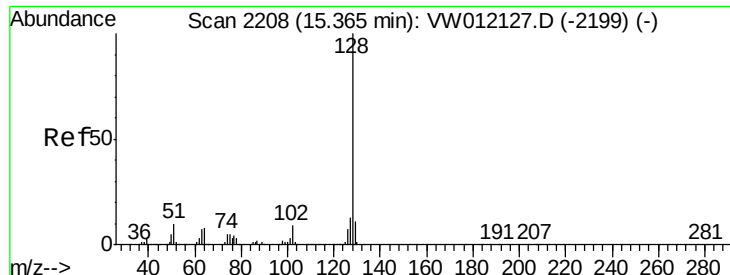
Tgt Ion: 75 Resp: 80676
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.690 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW012199.D
 Acq: 27 Aug 2019 09:13

Tgt Ion: 75 Resp: 80676
 Ion Ratio Lower Upper
 75 100
 53 0.3 89.4 134.0#
 89 0.3 34.5 51.7#

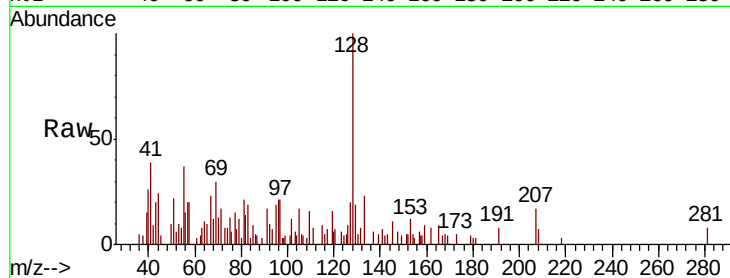




#95
Naphthalene
Concen: 4.850 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012199.D
Acq: 27 Aug 2019 09:13

Instrument :
MSVOA_W
ClientSampleId :
VW0827SBL01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	18.3	10.7	16.1#
129	17.8	8.7	13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

