

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081619\
 Data File : VW011928.D
 Acq On : 15 Aug 2019 15:08
 Operator : SY/VA
 Sample : VW0816SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 15 16:37:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

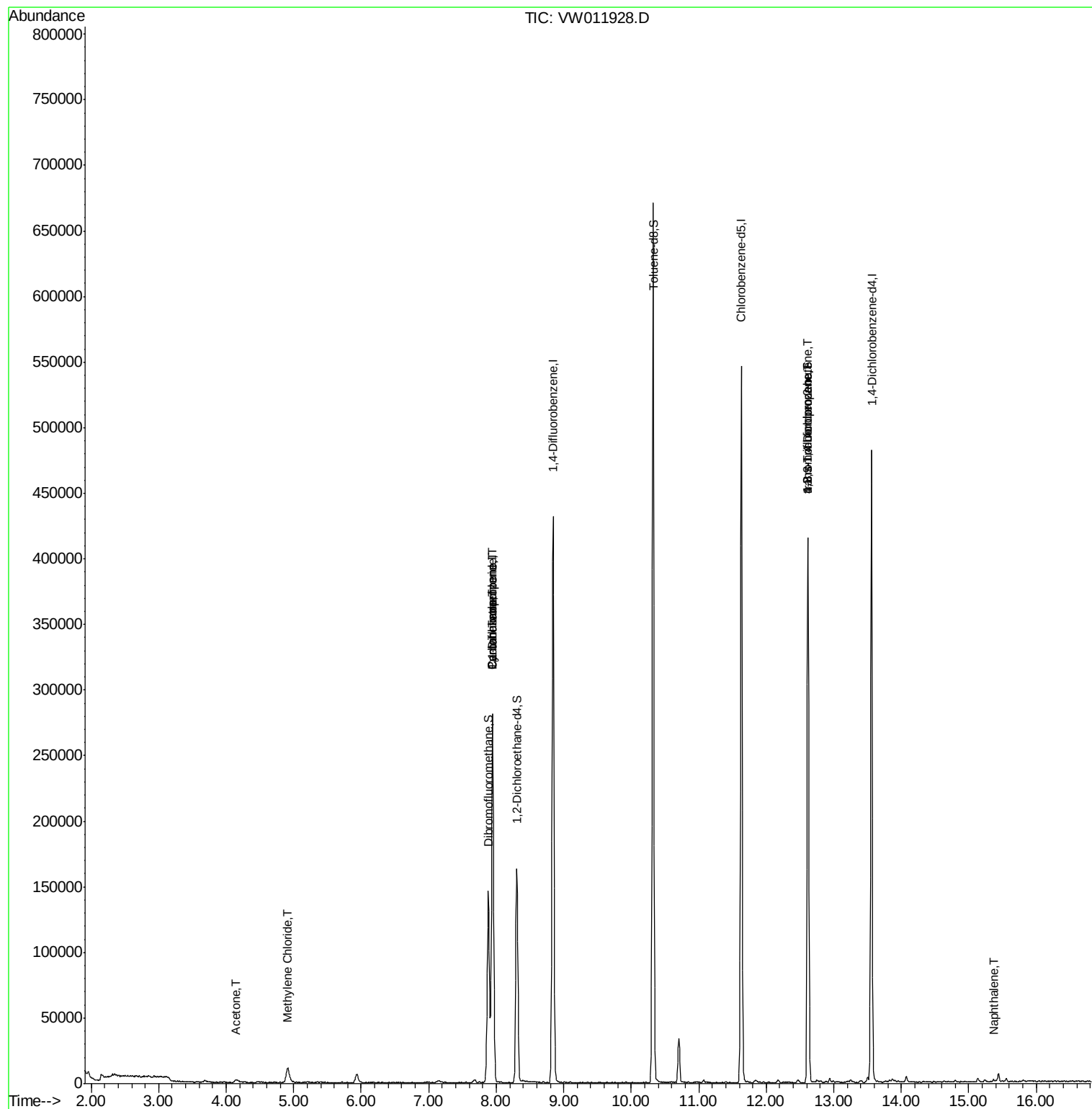
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	336871	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	281979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	119163	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	130229	55.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.98%	
35) Dibromofluoromethane	7.88	113	103671	54.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.72%	
50) Toluene-d8	10.32	98	413713	53.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.94%	
62) 4-Bromofluorobenzene	12.62	95	134025	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.21	59	160	Below Cal	#	72
16) Acetone	4.15	43	5134	6.939	ug/l	96
20) Methylene Chloride	4.91	84	8191	3.210	ug/l	95
31) Cyclohexane	7.95	56	5078	1.168	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17618	5.030	ug/l #	52
38) Carbon Tetrachloride	7.95	117	19768	6.592	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	72442	57.453	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	72442	132.410	ug/l #	6
95) Naphthalene	15.36	128	1367	2.345	ug/l #	91

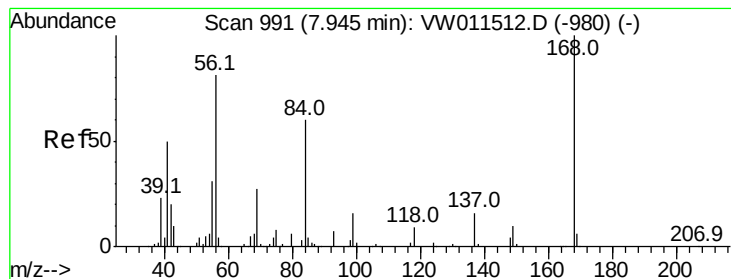
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

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MSVOA_W
ClientSampleId :

Quant Time: Aug 15 16:37:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 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: VW011928.D

Acq: 15 Aug 2019 15:08

Instrument :

MSVOA_W

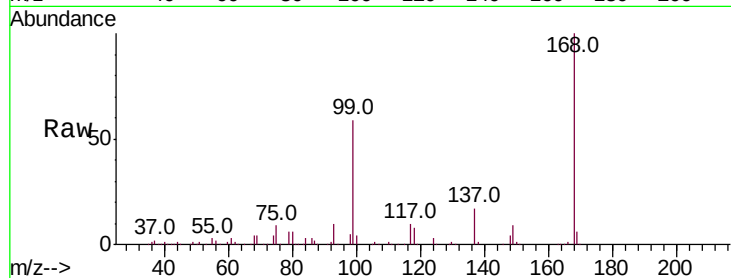
ClientSampled :

Tot Ion:168 Resp: 202564

Ion Ratio Lower Upper

168 100

99 58.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

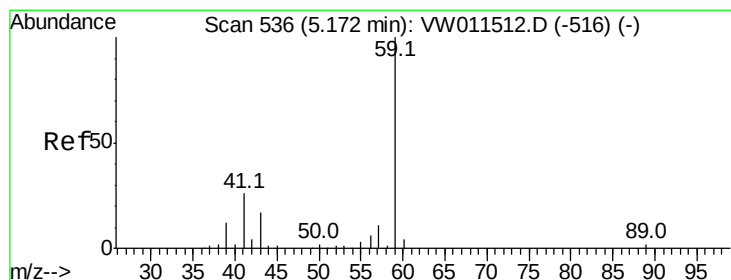
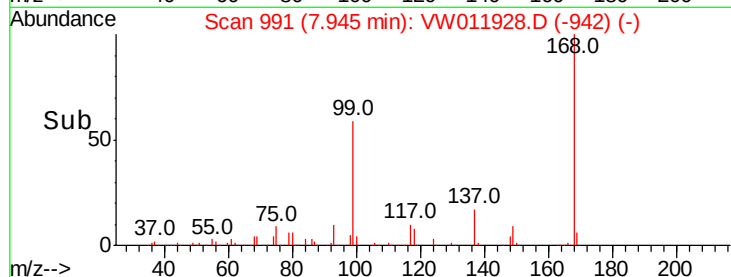
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.21 min Scan# 542

Delta R.T. 0.04 min

Lab File: VW011928.D

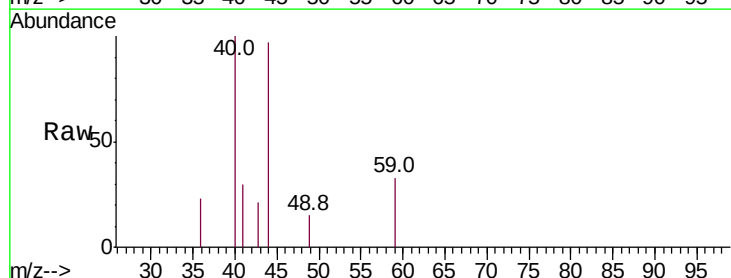
Acq: 15 Aug 2019 15:08

Tgt Ion: 59 Resp: 160

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

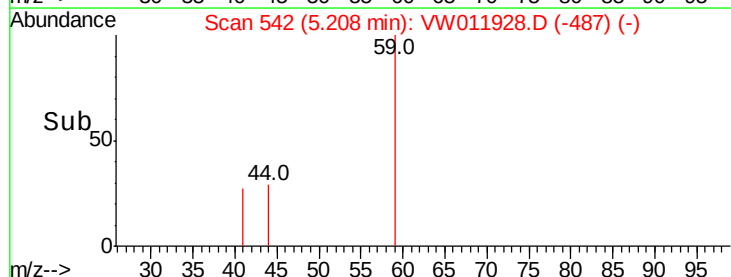
5.21

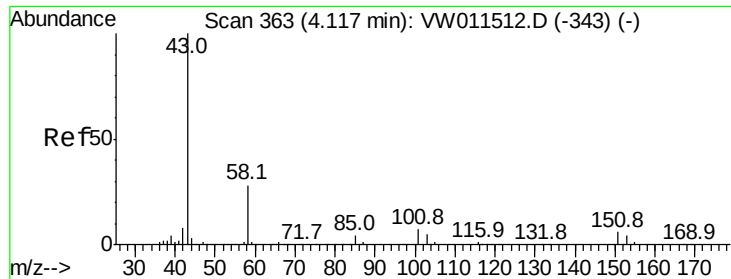
100

50

0

Time-->





#16

Acetone

Concen: 6.939 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.03 min

Lab File: VW011928.D

Acq: 15 Aug 2019 15:08

Instrument :

MSVOA_W

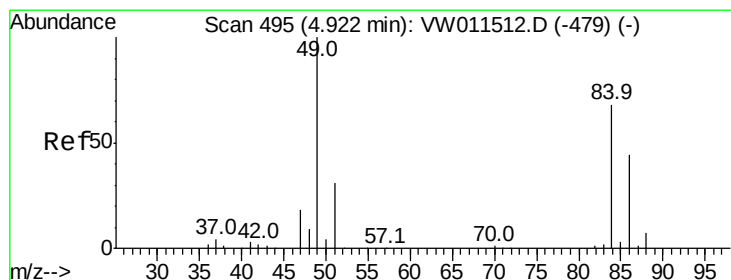
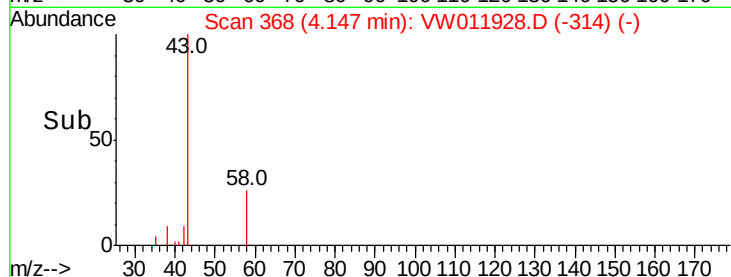
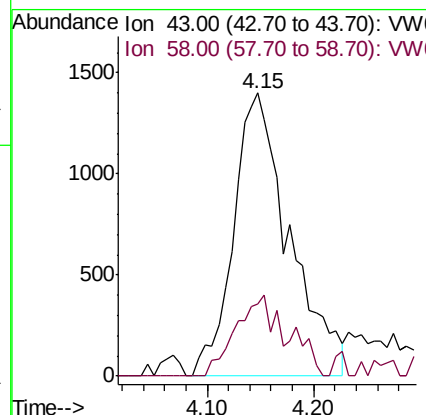
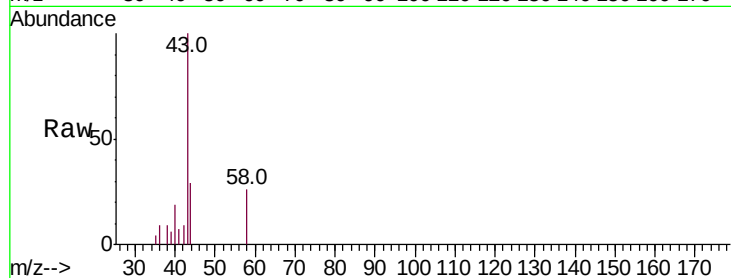
ClientSampleId :

Tot Ion: 43 Resp: 5134

Ion Ratio Lower Upper

43 100

58 25.6 22.3 33.5



#20

Methylene Chloride

Concen: 3.210 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW011928.D

Acq: 15 Aug 2019 15:08

Tgt Ion: 84 Resp: 8191

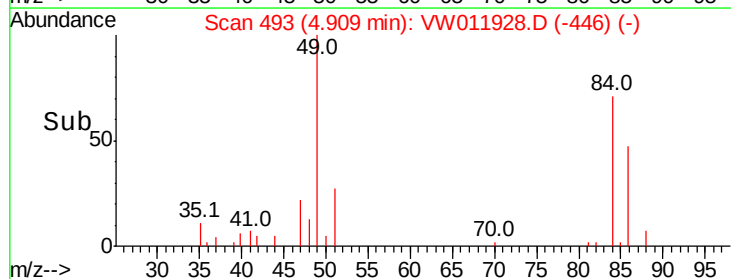
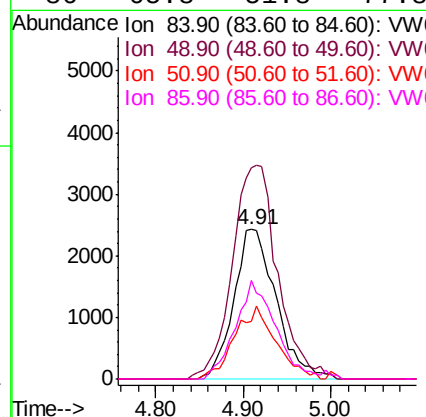
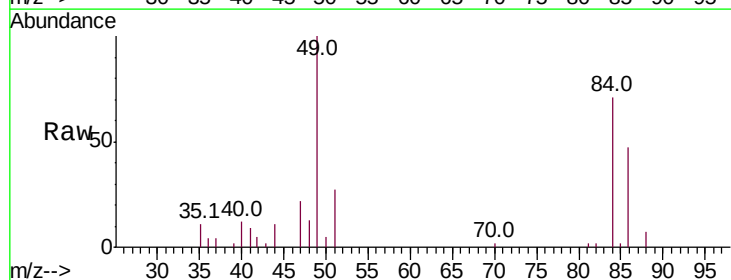
Ion Ratio Lower Upper

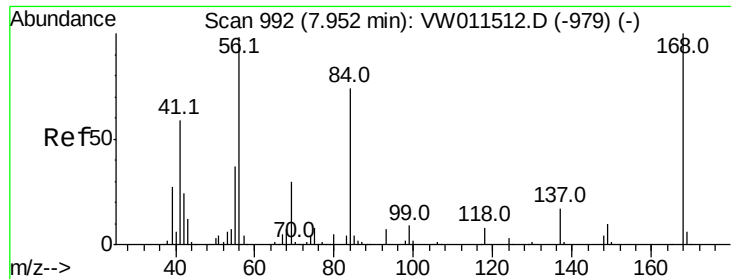
84 100

49 141.1 117.8 176.6

51 38.4 37.0 55.4

86 65.8 51.8 77.8

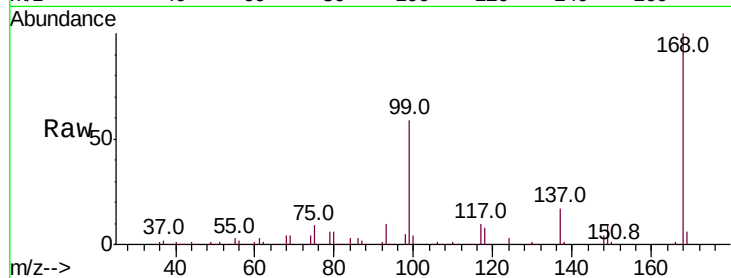




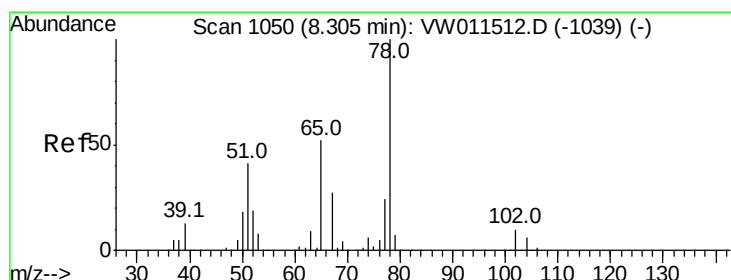
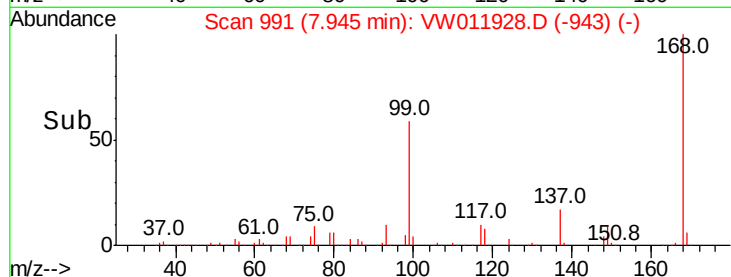
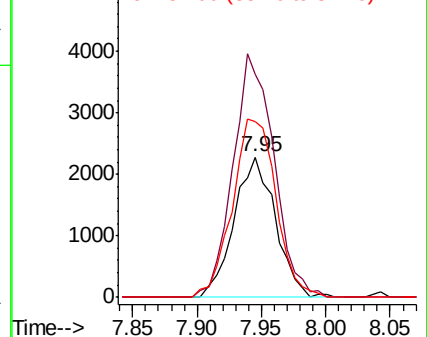
#31
Cyclohexane
Concen: 1.168 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011928.D
Acq: 15 Aug 2019 15:08

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 5078
Ion Ratio Lower Upper
56 100
69 159.4 24.3 36.5#
84 125.4 60.4 90.6#

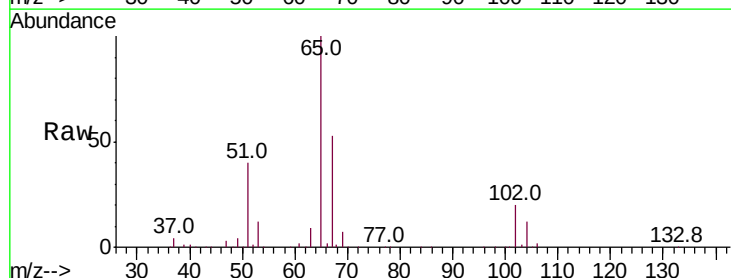


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

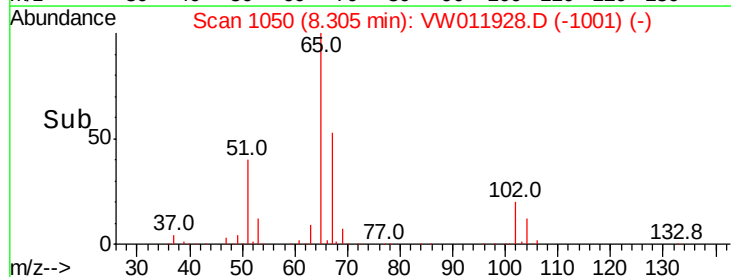
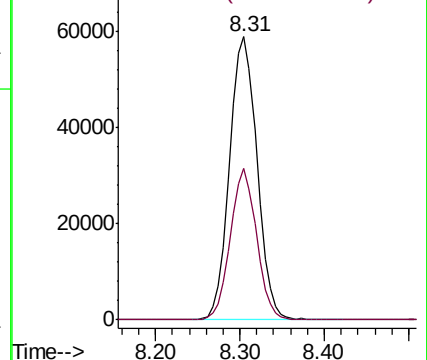


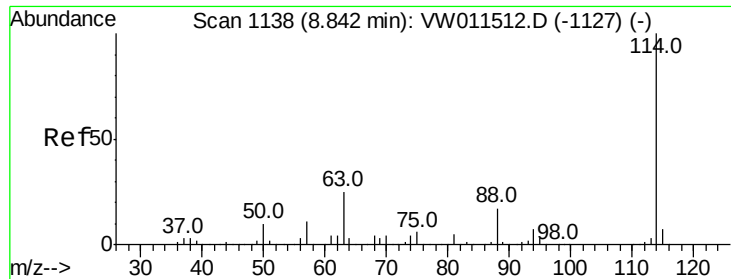
#33
1,2-Dichloroethane-d4
Concen: 55.988 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011928.D
Acq: 15 Aug 2019 15:08

Tgt Ion: 65 Resp: 130229
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.2



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

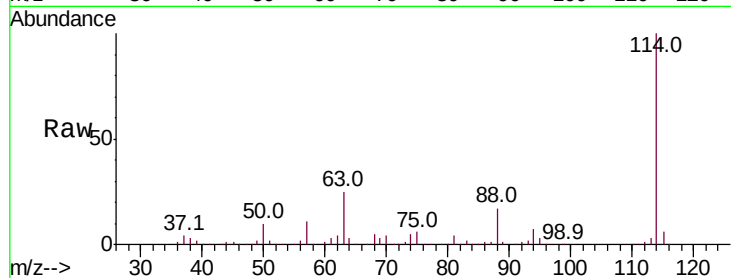




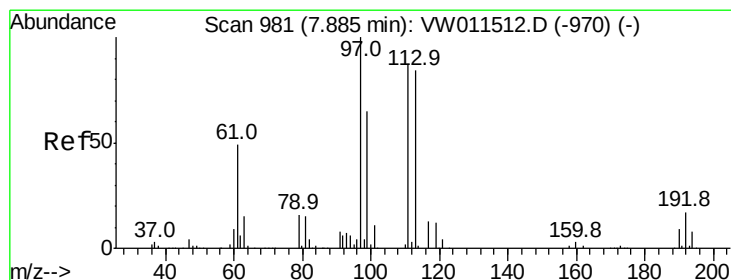
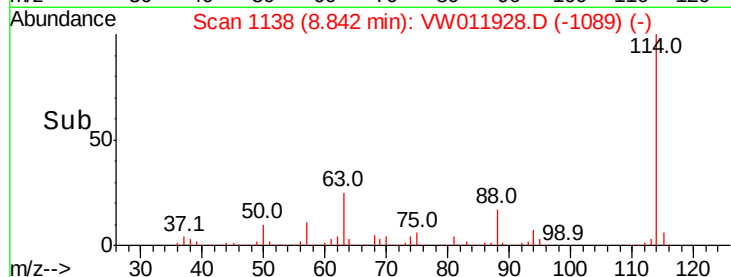
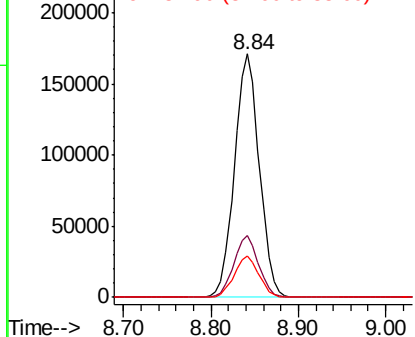
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011928.D
 Acq: 15 Aug 2019 15:08

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 336871
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 49.2
 88 16.8 0.0 33.8

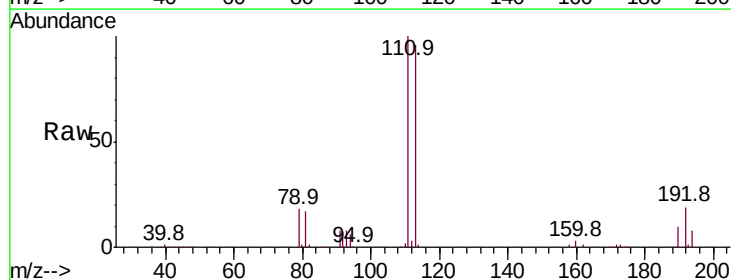


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

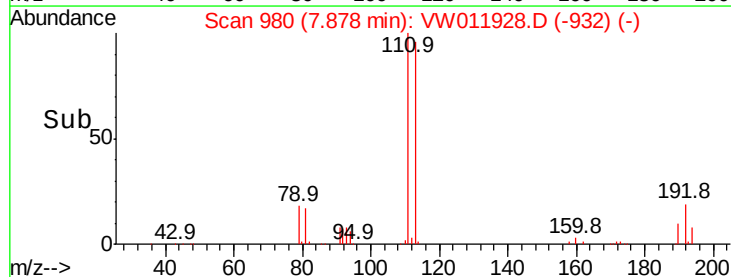
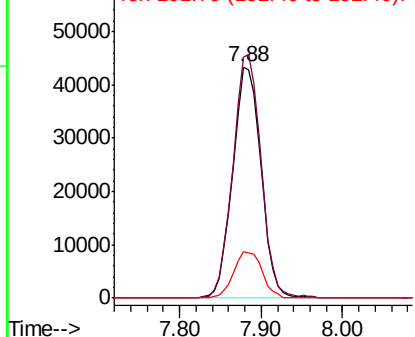


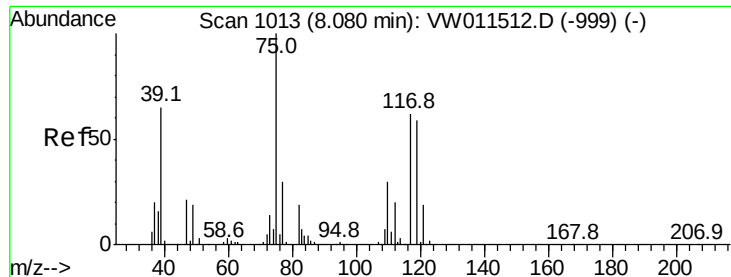
#35
 Dibromofluoromethane
 Concen: 54.855 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011928.D
 Acq: 15 Aug 2019 15:08

Tgt Ion:113 Resp: 103671
 Ion Ratio Lower Upper
 113 100
 111 104.9 82.7 124.1
 192 20.2 16.1 24.1



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

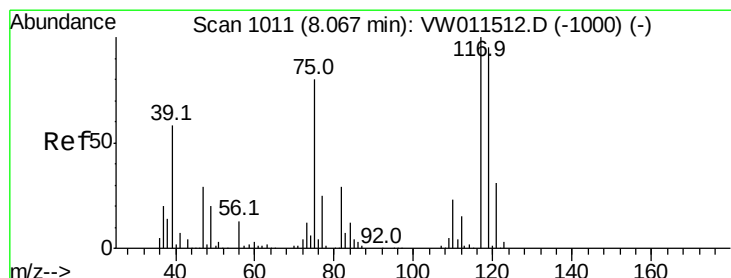
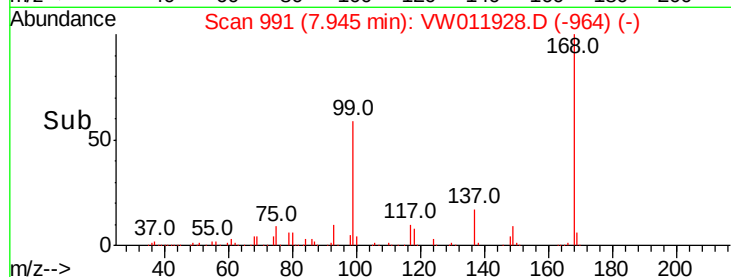
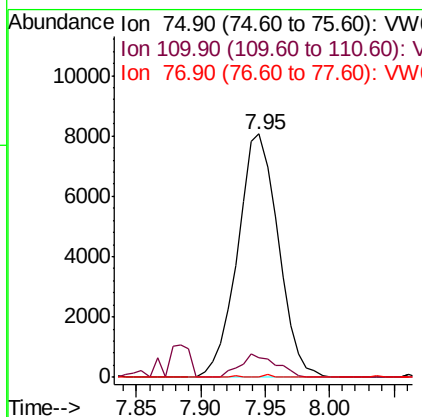
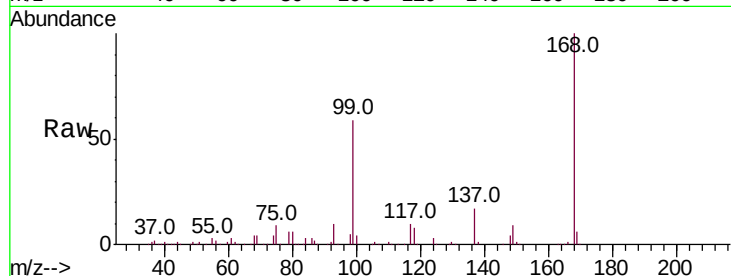




#36
 1,1-Dichloropropene
 Concen: 5.030 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011928.D
 Acq: 15 Aug 2019 15:08

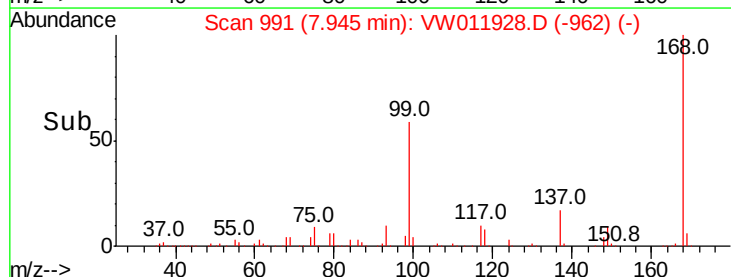
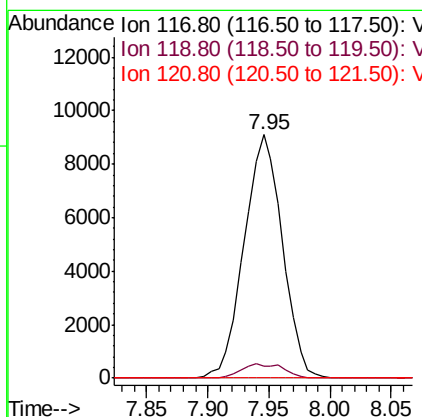
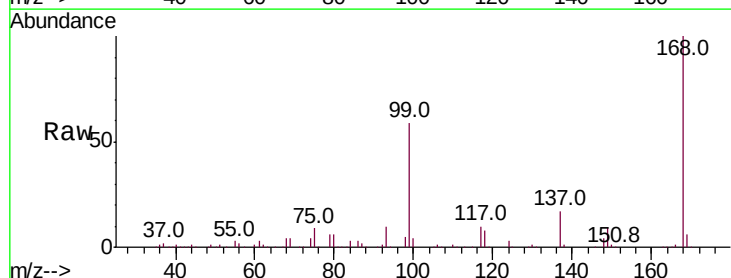
Instrument :
 MSVOA_W
 ClientSampleId :

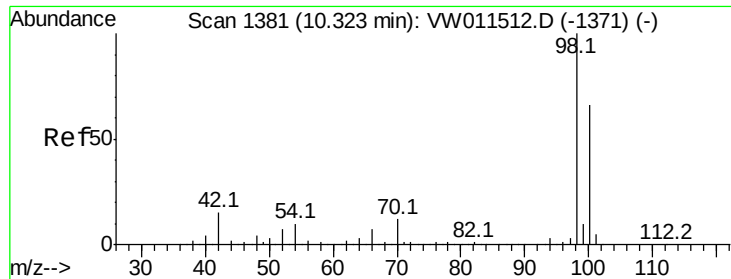
Tot Ion: 75 Resp: 17618
 Ion Ratio Lower Upper
 75 100
 110 8.5 15.6 46.8#
 77 0.2 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.592 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011928.D
 Acq: 15 Aug 2019 15:08

Tgt Ion: 117 Resp: 19768
 Ion Ratio Lower Upper
 117 100
 119 5.1 75.8 113.6#
 121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 53.466 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011928.D

Acq: 15 Aug 2019 15:08

Instrument :

MSVOA_W

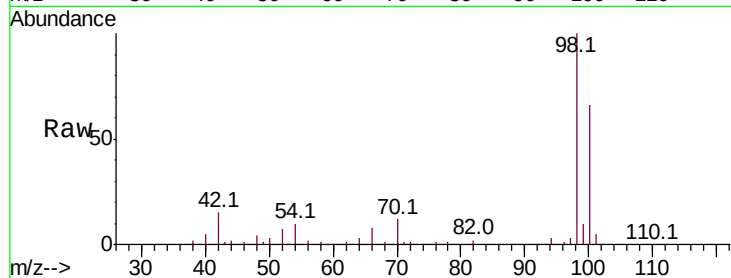
ClientSampled :

Tot Ion: 98 Resp: 413713

Ion Ratio Lower Upper

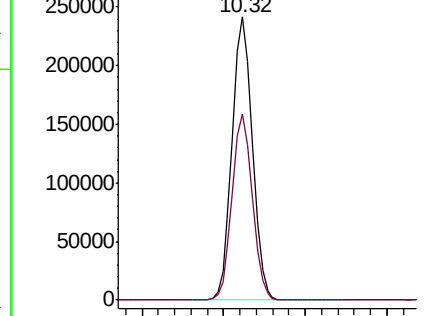
98 100

100 65.5 52.7 79.1

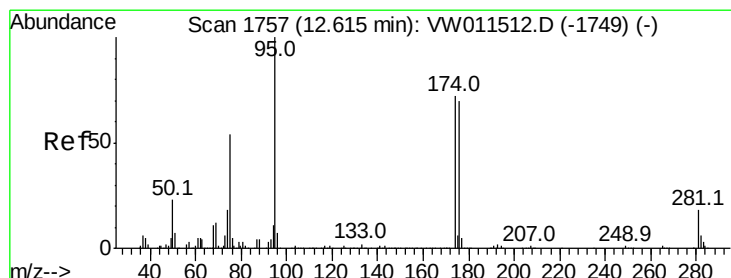
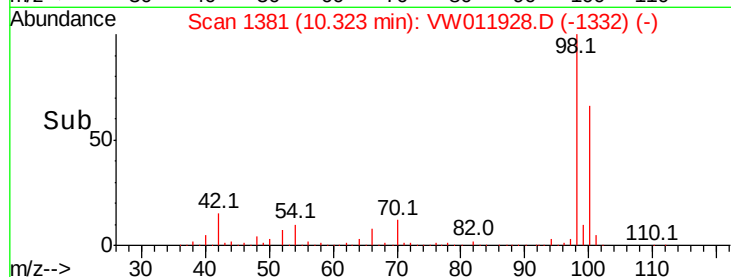


Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



Time-->



#62

4-Bromofluorobenzene

Concen: 48.583 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011928.D

Acq: 15 Aug 2019 15:08

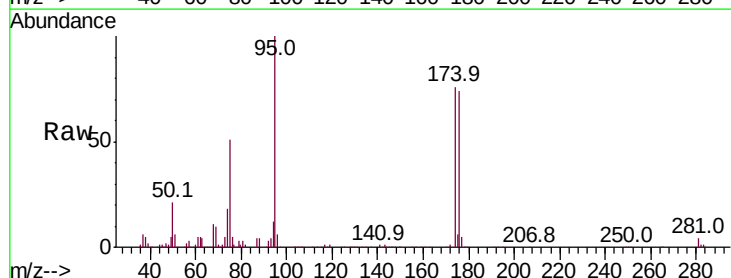
Tgt Ion: 95 Resp: 134025

Ion Ratio Lower Upper

95 100

174 76.1 0.0 150.2

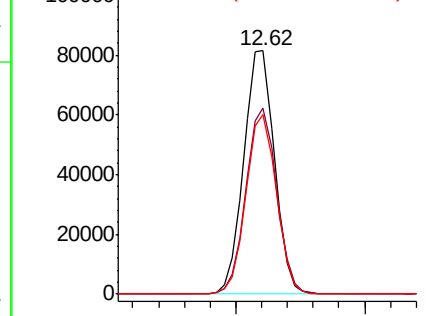
176 72.9 0.0 144.4



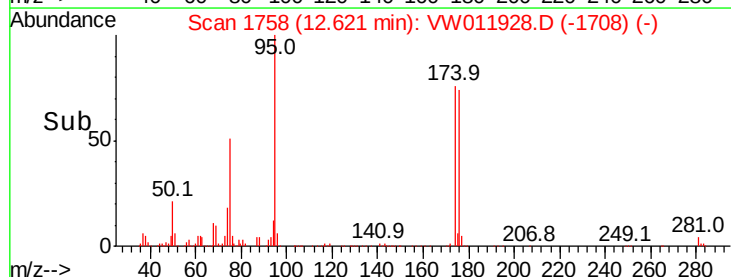
Abundance Ion 94.90 (94.60 to 95.60): VW

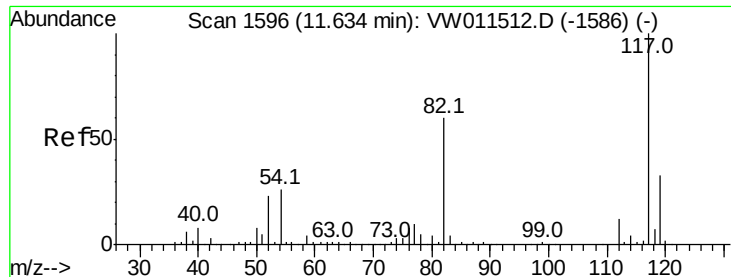
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

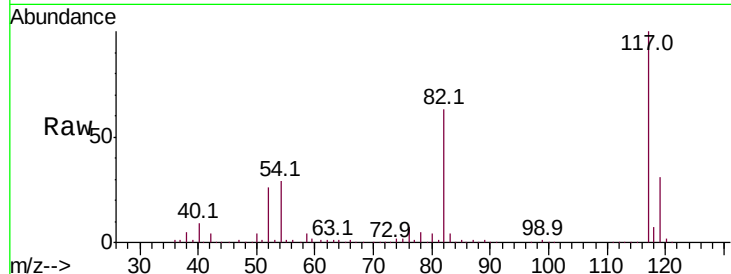




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011928.D
Acq: 15 Aug 2019 15:08

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	63.1	47.9	71.9
119	31.5	26.2	39.2

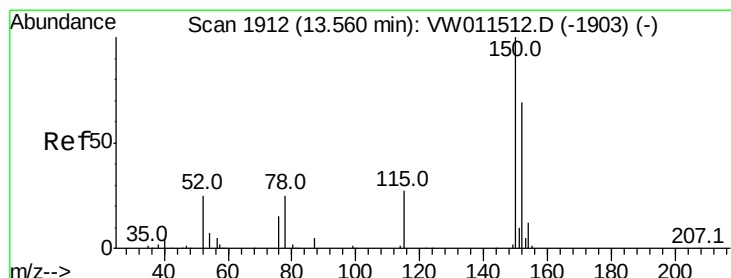
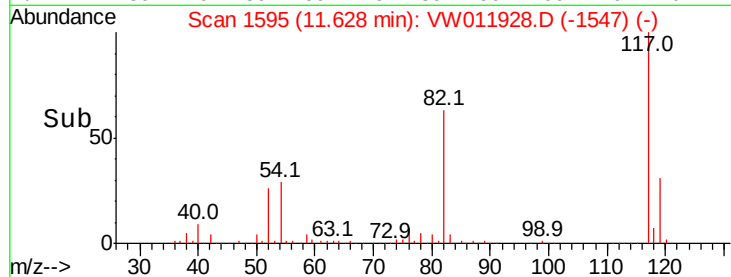
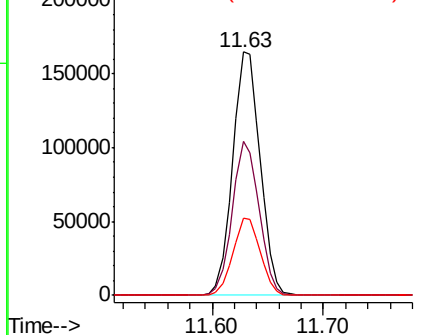


Abundance

Ion 116.90 (116.60 to 117.60): V

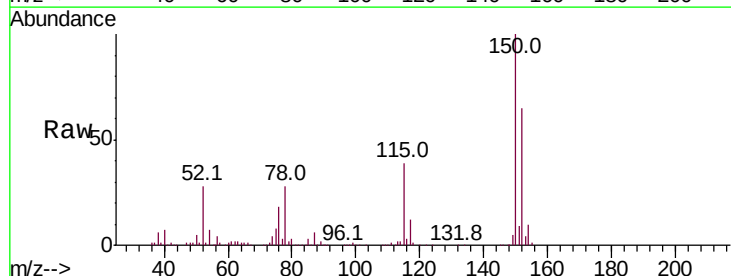
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011928.D
Acq: 15 Aug 2019 15:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.1	30.5	91.5
150	156.5	0.0	352.6

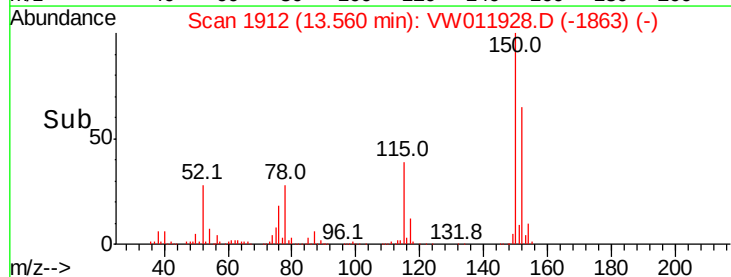
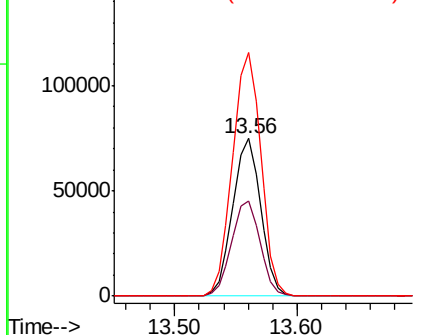


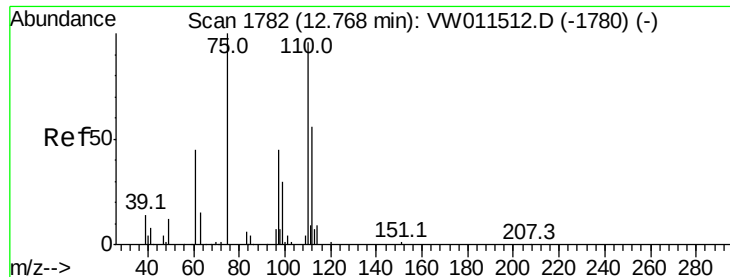
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 57.453 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011928.D

Acq: 15 Aug 2019 15:08

Instrument :

MSVOA_W

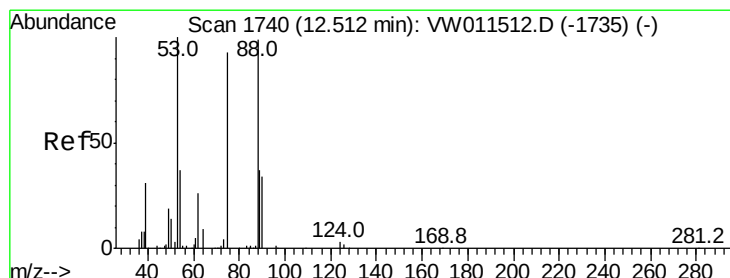
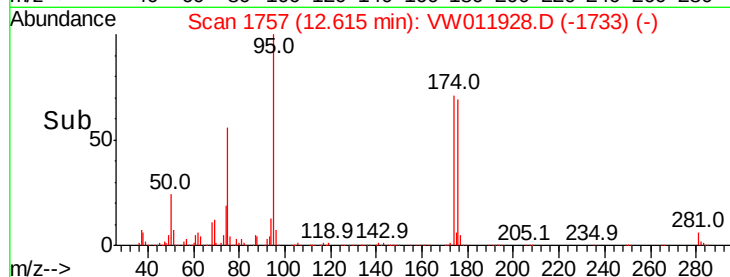
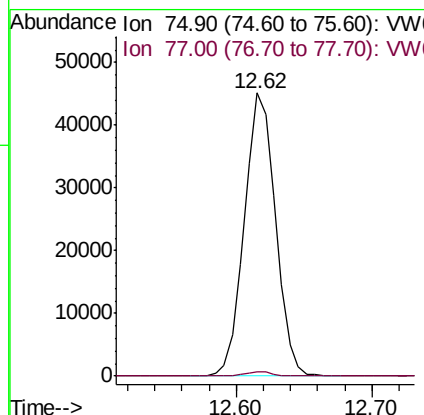
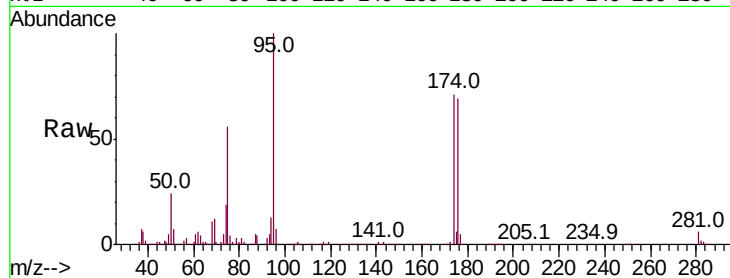
ClientSampled :

Tot Ion: 75 Resp: 72442

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 132.410 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011928.D

Acq: 15 Aug 2019 15:08

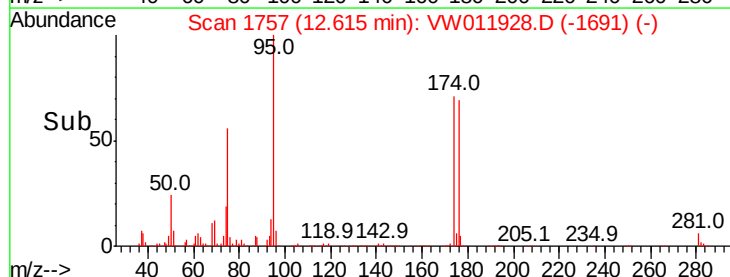
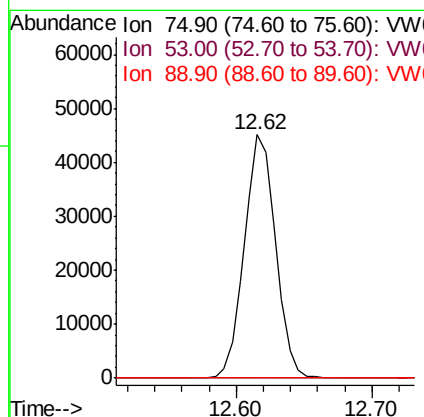
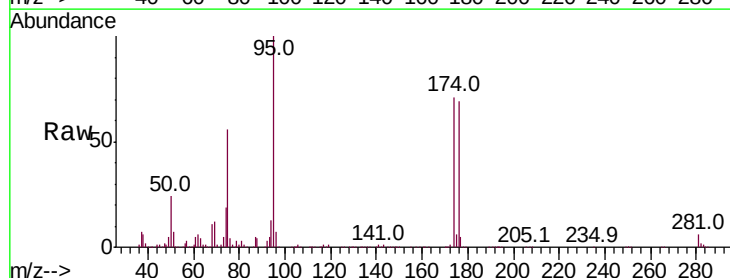
Tgt Ion: 75 Resp: 72442

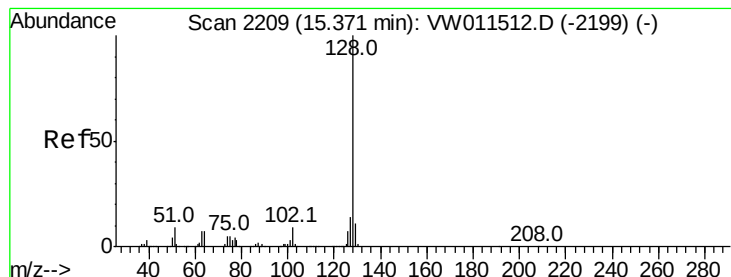
Ion Ratio Lower Upper

75 100

53 0.1 88.0 132.0#

89 0.0 35.3 52.9#





#95

Naphthalene

Concen: 2.345 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

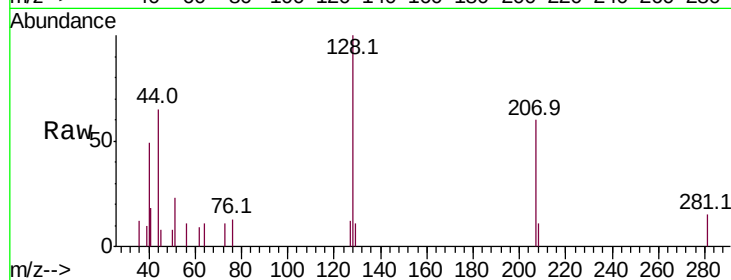
Lab File: VW011928.D

Acq: 15 Aug 2019 15:08

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion:128	Resp:	1367
Ion Ratio	Lower	Upper
128	100	
127	15.1	10.6 16.0
129	5.4	8.6 13.0

