

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081019\
 Data File : VW011781.D
 Acq On : 08 Aug 2019 21:11
 Operator : SY/VA
 Sample : VW0810SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBL01

Quant Time: Aug 09 05:36:13 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	217941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	356652	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	302046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	125859	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	138272	55.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.50%	
35) Dibromofluoromethane	7.88	113	109228	54.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.18%	
50) Toluene-d8	10.32	98	440000	53.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.42%	
62) 4-Bromofluorobenzene	12.62	95	146195	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	

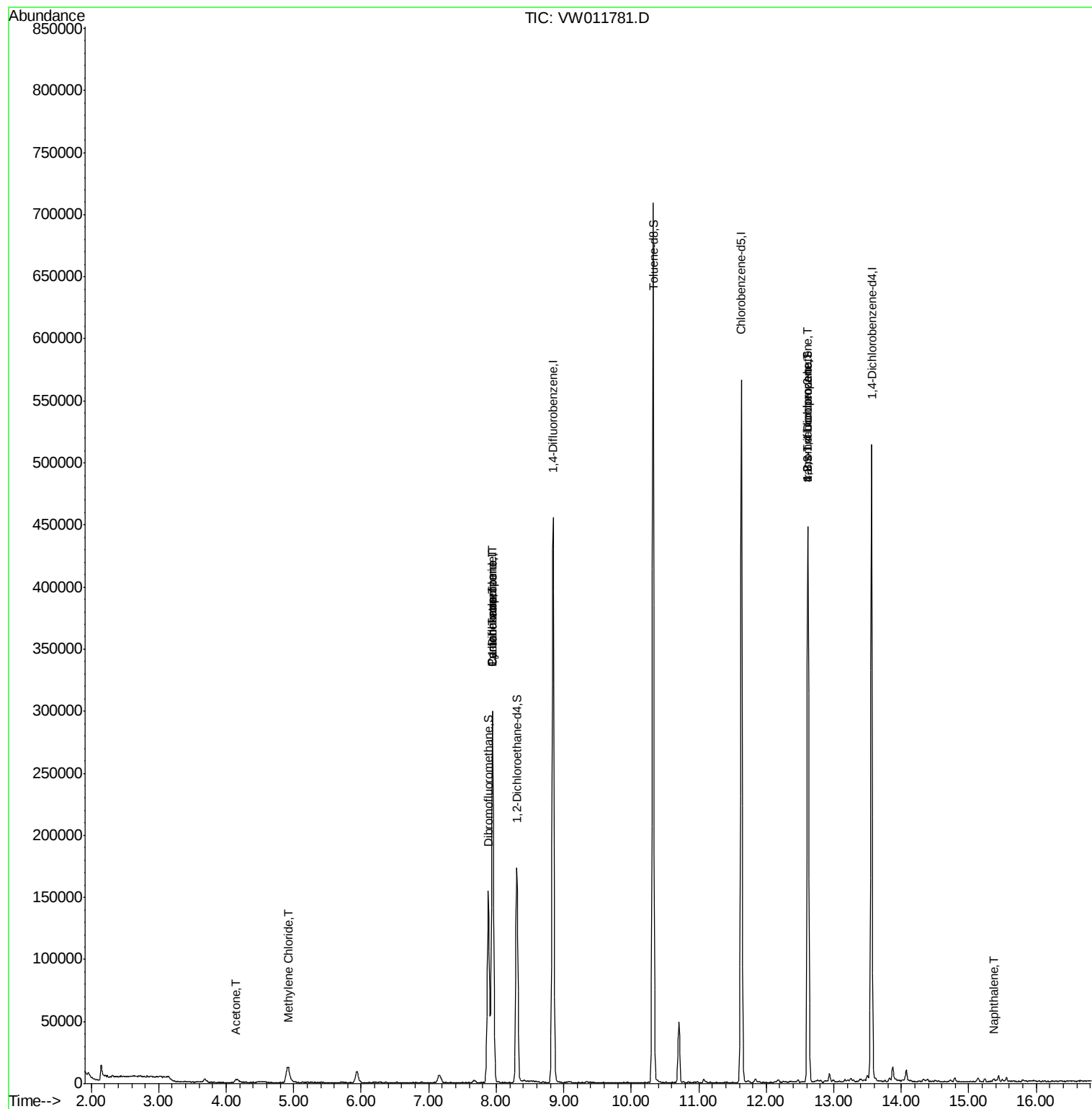
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	20	Below Cal	#	72
16) Acetone	4.15	43	6505	8.171	ug/l #	78
20) Methylene Chloride	4.92	84	9979	3.635	ug/l	88
31) Cyclohexane	7.94	56	5565	1.189	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18776	5.063	ug/l #	52
38) Carbon Tetrachloride	7.95	117	22085	6.956	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	77914	58.506	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	77914	134.835	ug/l #	6
95) Naphthalene	15.36	128	1837	2.420	ug/l #	94

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

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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: VW011781.D

Acq: 08 Aug 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

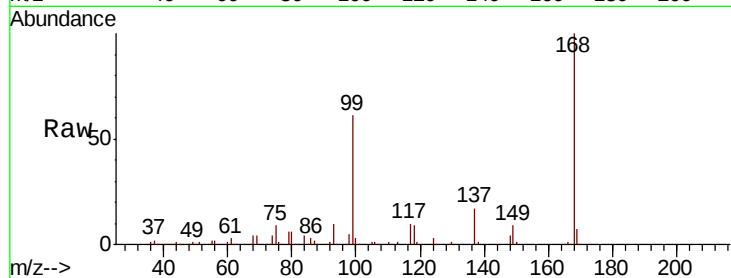
VW0810SBL01

Tgt Ion:168 Resp: 217941

Ion Ratio Lower Upper

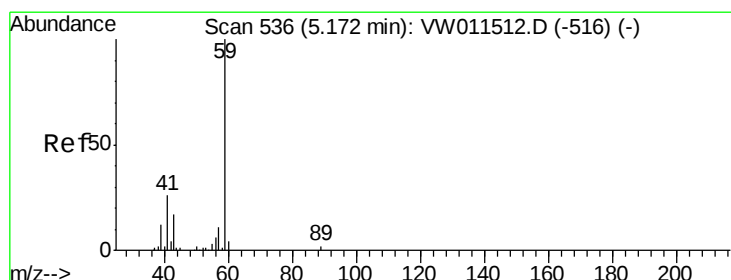
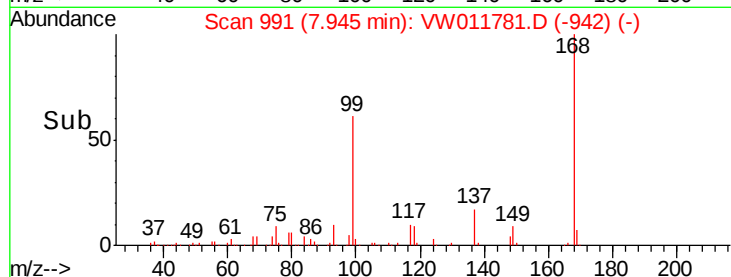
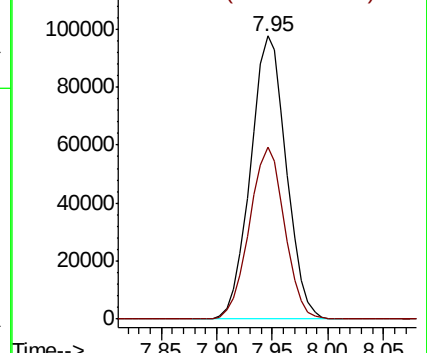
168 100

99 60.6 48.2 72.4



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: 5.17 min Scan# 535

Delta R.T. -0.01 min

Lab File: VW011781.D

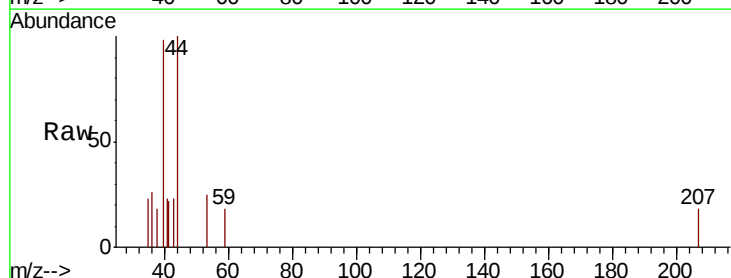
Acq: 08 Aug 2019 21:11

Tgt Ion: 59 Resp: 20

Ion Ratio Lower Upper

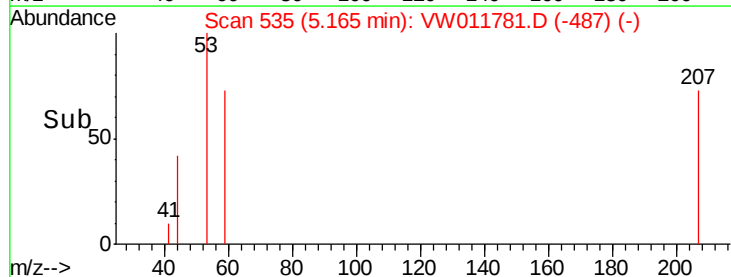
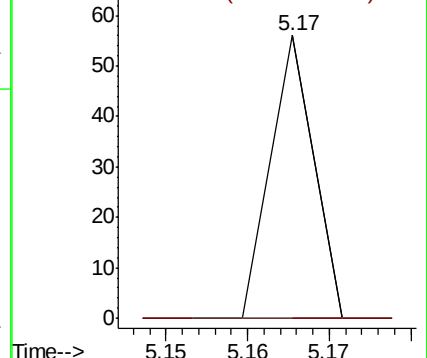
59 100

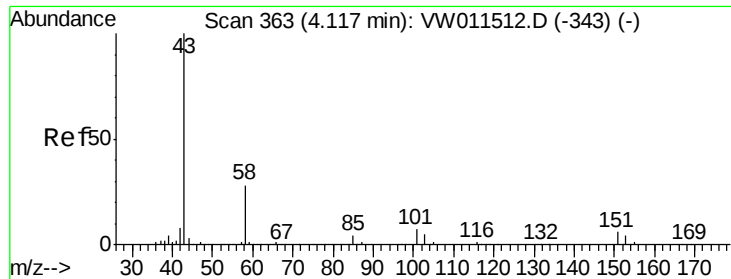
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

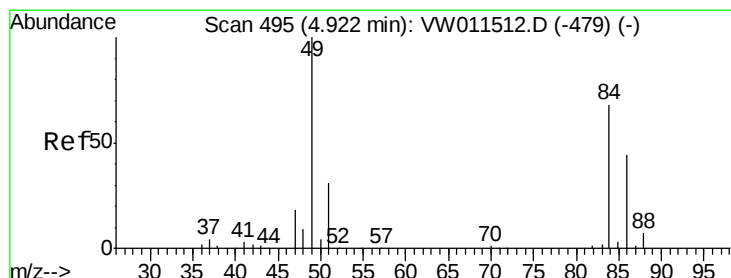
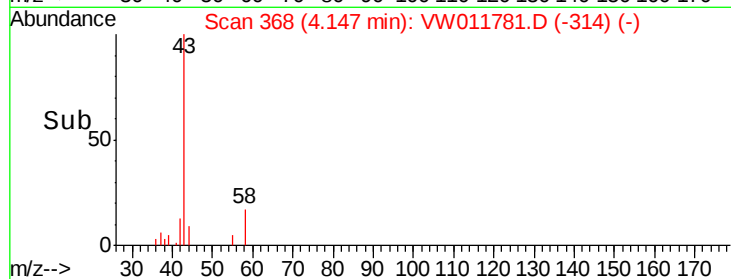
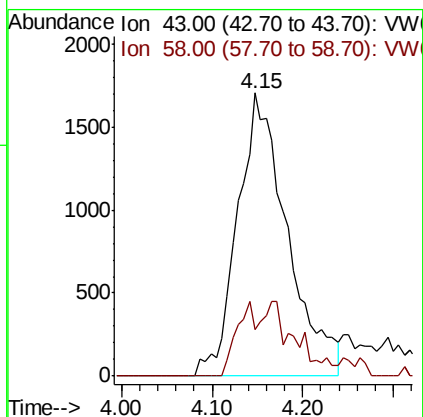
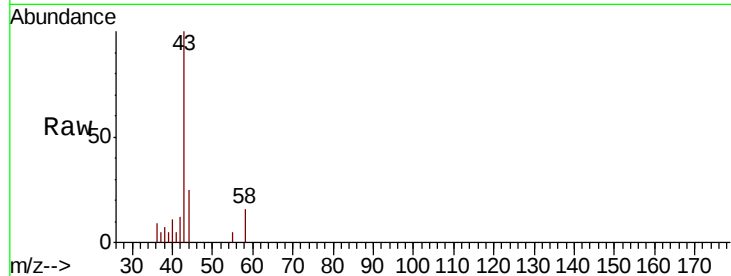




#16
Acetone
Concen: 8.171 ug/l
RT: 4.15 min Scan# 368
Delta R.T. 0.03 min
Lab File: VW011781.D
Acq: 08 Aug 2019 21:11

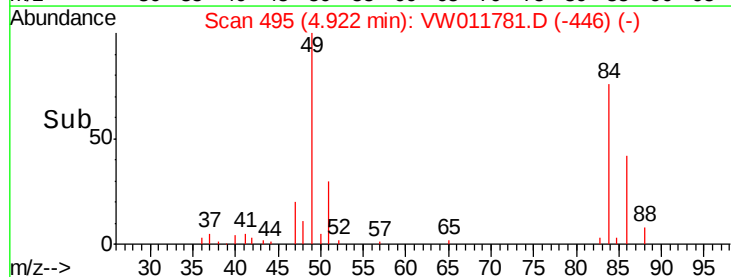
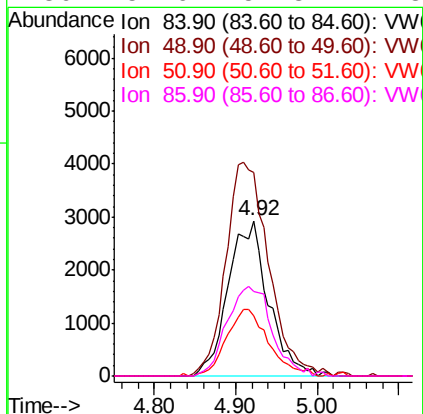
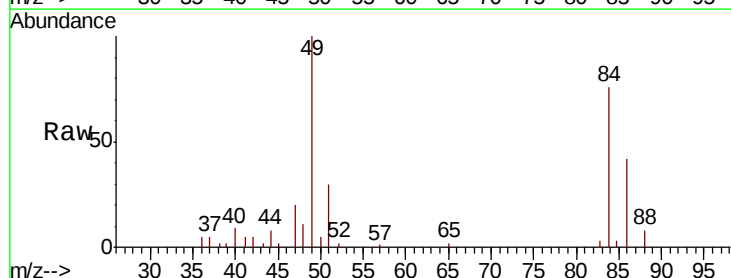
Instrument :
MSVOA_W
ClientSampleId :
VW0810SBL01

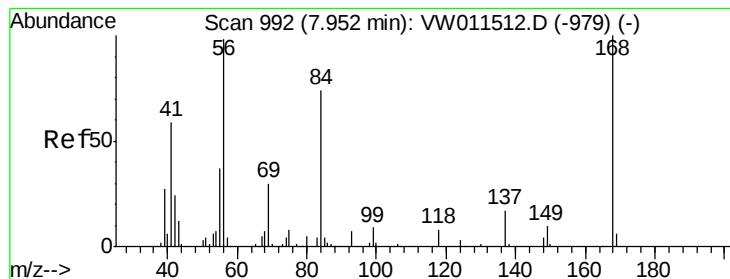
Tgt Ion: 43 Resp: 6505
Ion Ratio Lower Upper
43 100
58 16.4 22.3 33.5#



#20
Methylene Chloride
Concen: 3.635 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW011781.D
Acq: 08 Aug 2019 21:11

Tgt Ion: 84 Resp: 9979
Ion Ratio Lower Upper
84 100
49 131.3 117.8 176.6
51 39.0 37.0 55.4
86 54.6 51.8 77.8





#31

Cyclohexane

Concen: 1.189 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW011781.D

Acq: 08 Aug 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

VW0810SBL01

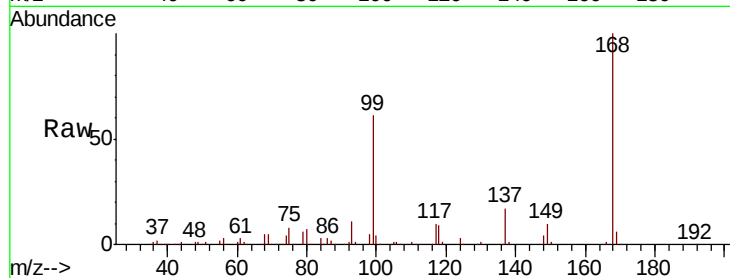
Tgt Ion: 56 Resp: 5565

Ion Ratio Lower Upper

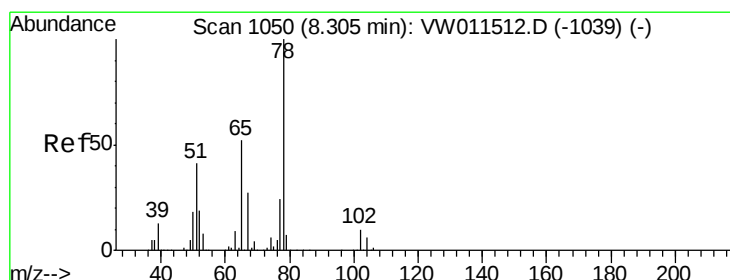
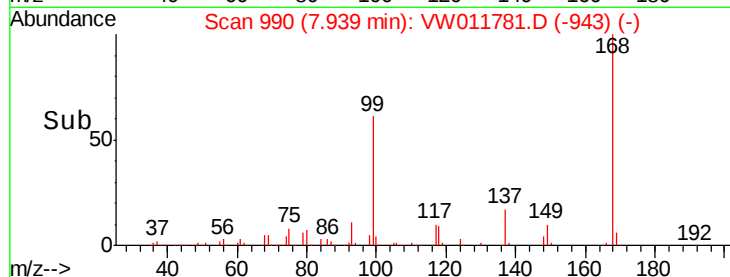
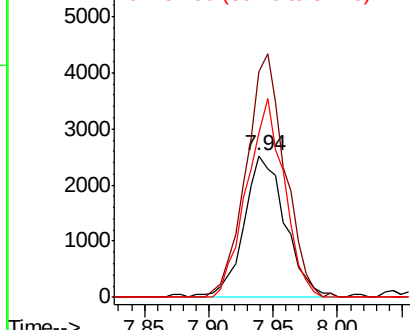
56 100

69 159.5 24.3 36.5#

84 116.2 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: 55.252 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011781.D

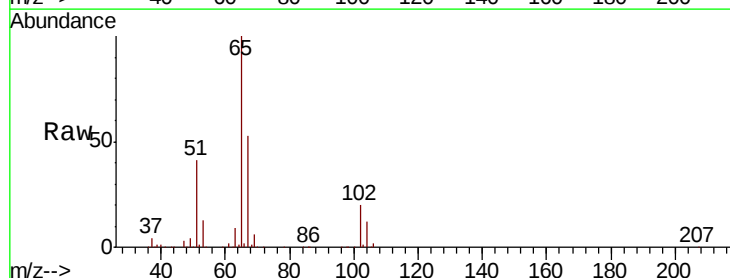
Acq: 08 Aug 2019 21:11

Tgt Ion: 65 Resp: 138272

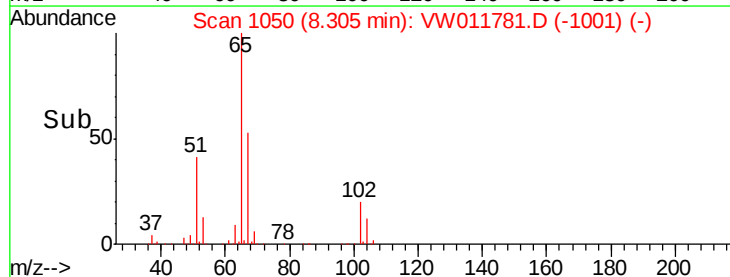
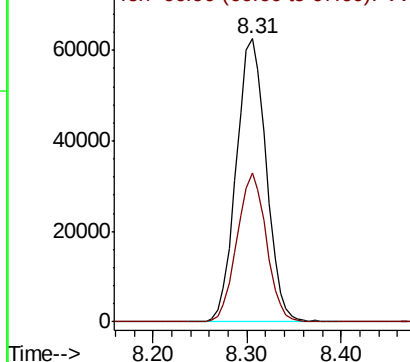
Ion Ratio Lower Upper

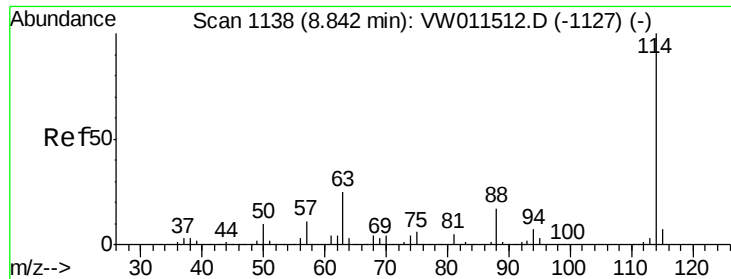
65 100

67 51.6 0.0 105.2



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

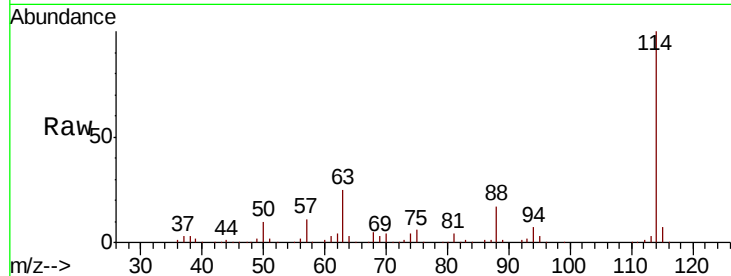




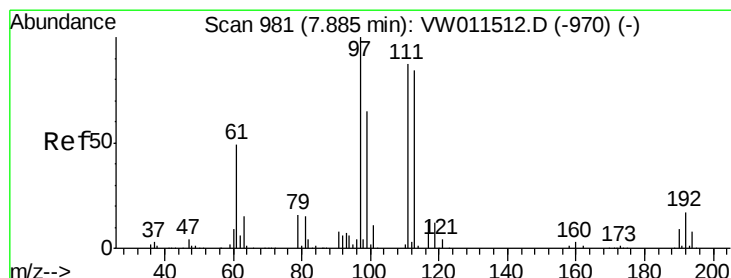
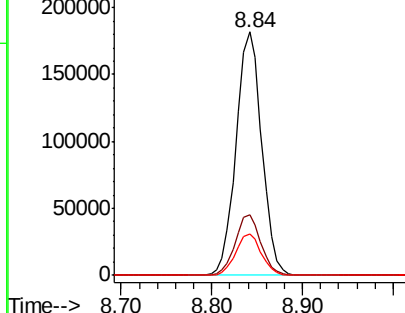
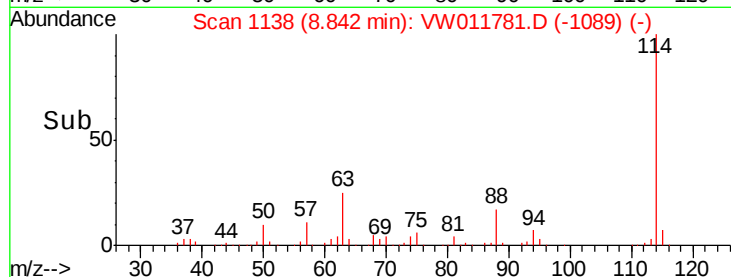
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011781.D
 Acq: 08 Aug 2019 21:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBL01

Tgt Ion:114 Resp: 356652
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 16.8 0.0 33.8

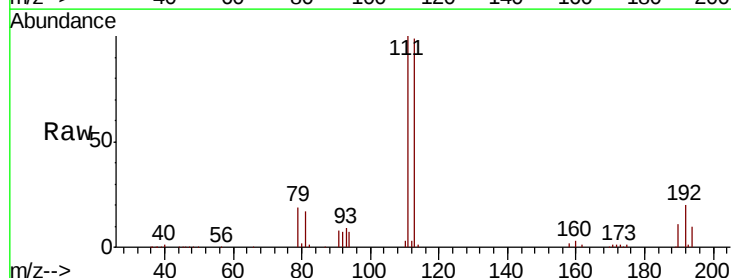


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

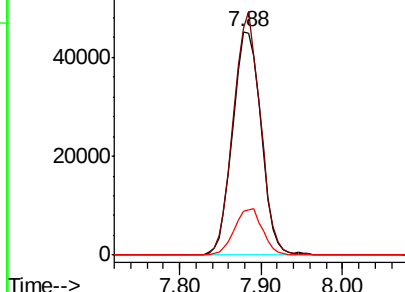
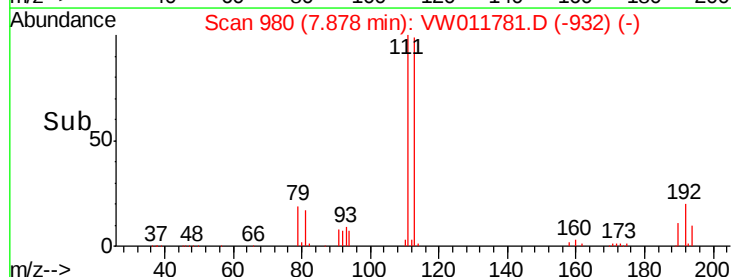


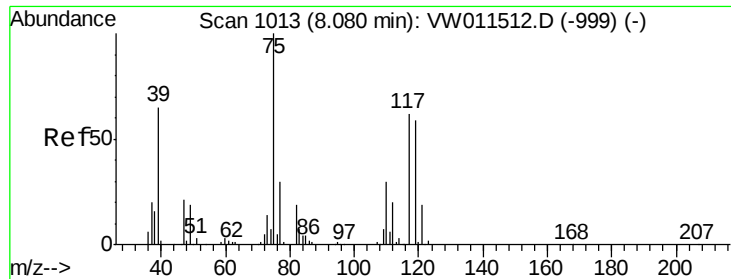
#35
 Dibromofluoromethane
 Concen: 54.590 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011781.D
 Acq: 08 Aug 2019 21:11

Tgt Ion:113 Resp: 109228
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.7 124.1
 192 20.5 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

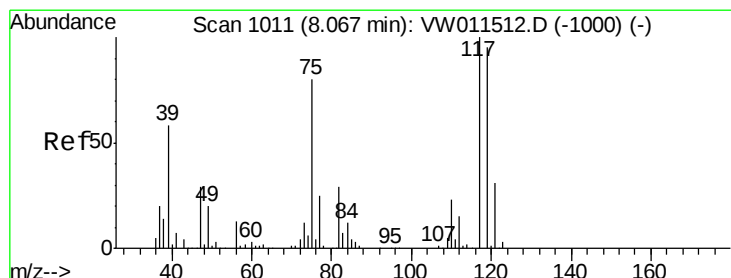
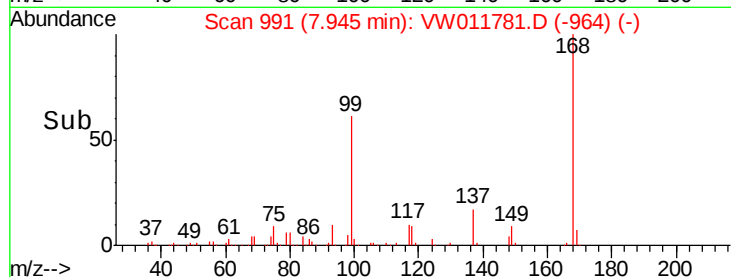
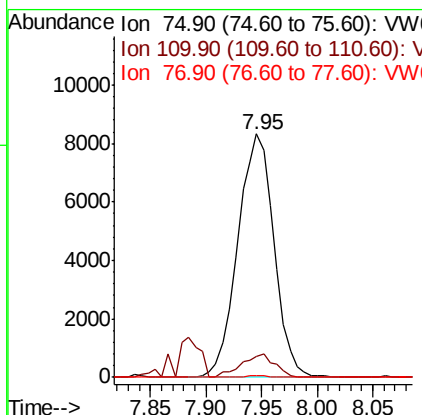
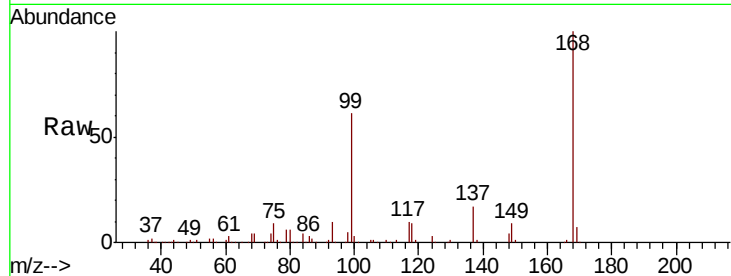




#36
 1,1-Dichloropropene
 Concen: 5.063 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011781.D
 Acq: 08 Aug 2019 21:11

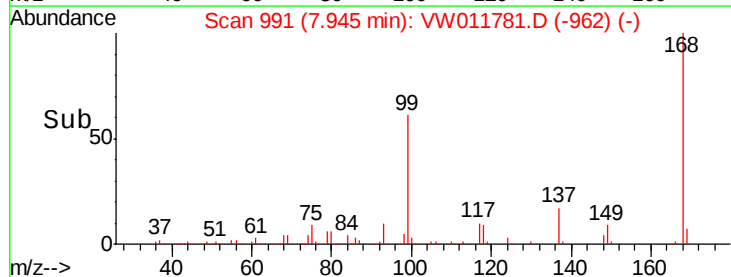
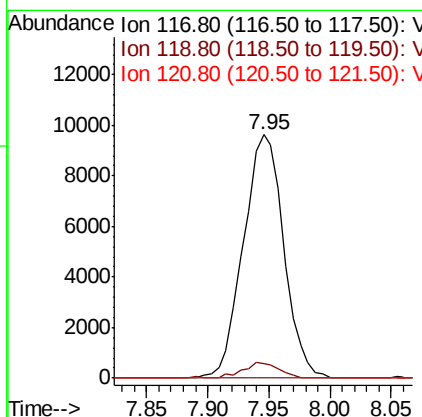
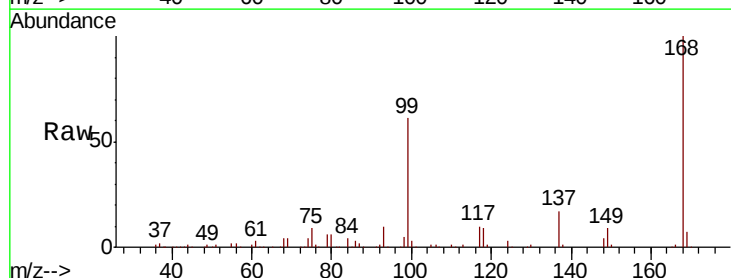
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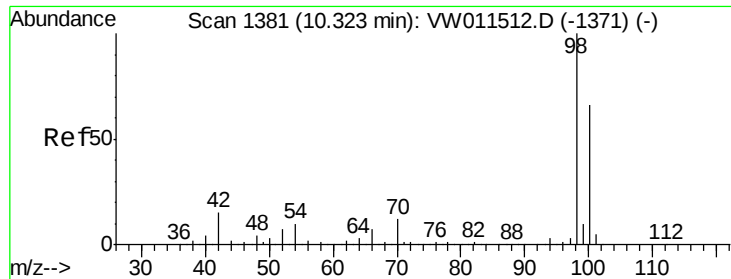
Tgt Ion: 75 Resp: 18776
 Ion Ratio Lower Upper
 75 100
 110 8.9 15.6 46.8#
 77 0.4 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.956 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011781.D
 Acq: 08 Aug 2019 21:11

Tgt Ion: 117 Resp: 22085
 Ion Ratio Lower Upper
 117 100
 119 6.2 75.8 113.6#
 121 0.0 24.7 37.1#

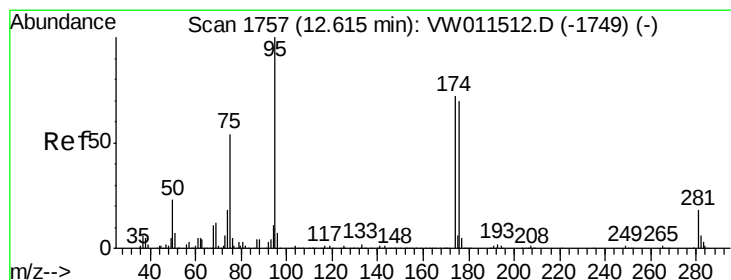
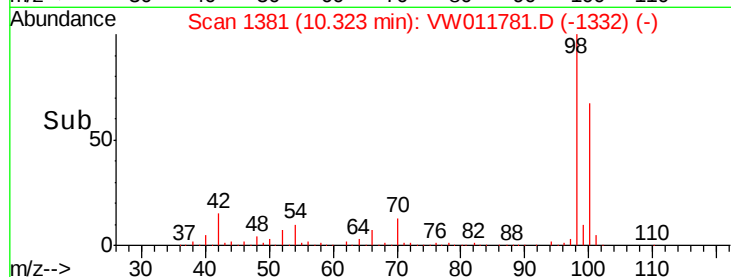
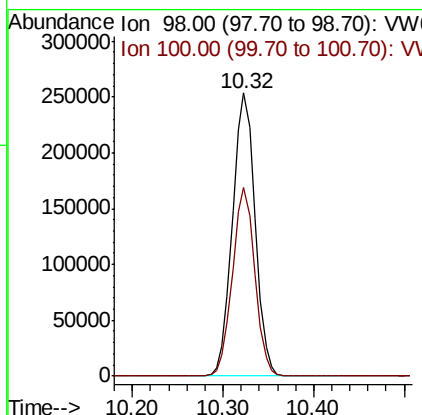
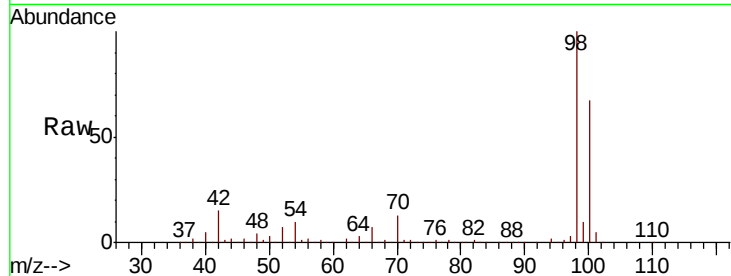




#50
Toluene-d8
Concen: 53.710 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011781.D
Acq: 08 Aug 2019 21:11

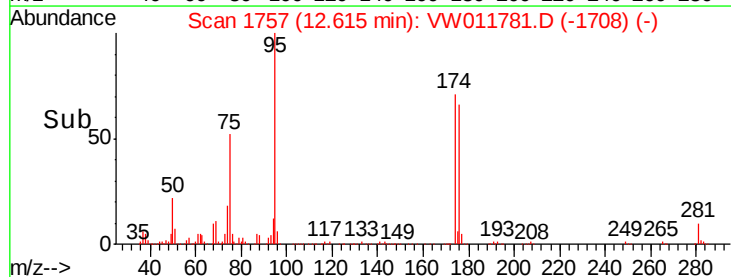
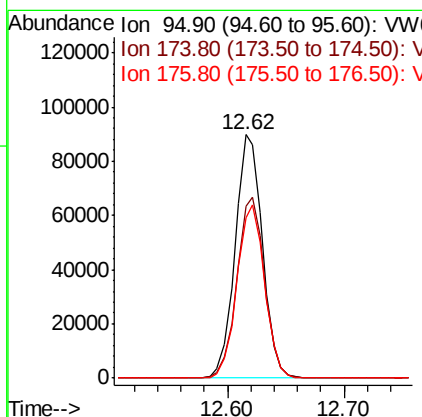
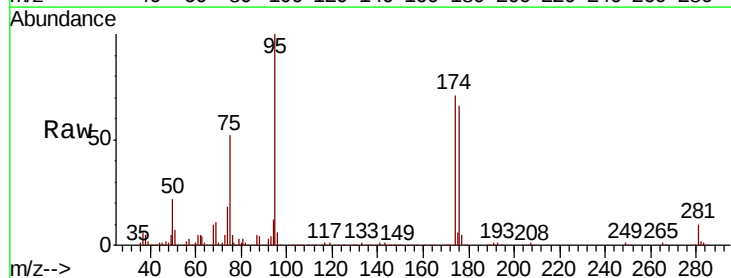
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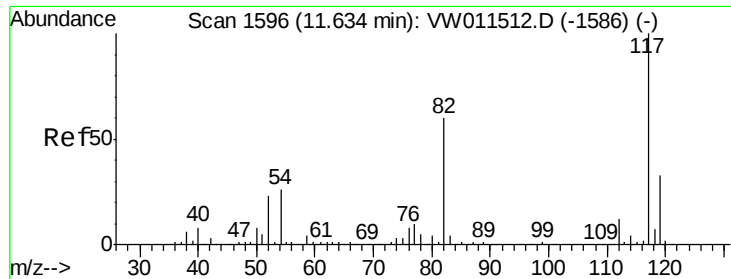
Tgt Ion: 98 Resp: 440000
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 50.055 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011781.D
Acq: 08 Aug 2019 21:11

Tgt Ion: 95 Resp: 146195
Ion Ratio Lower Upper
95 100
174 75.4 0.0 150.2
176 72.4 0.0 144.4

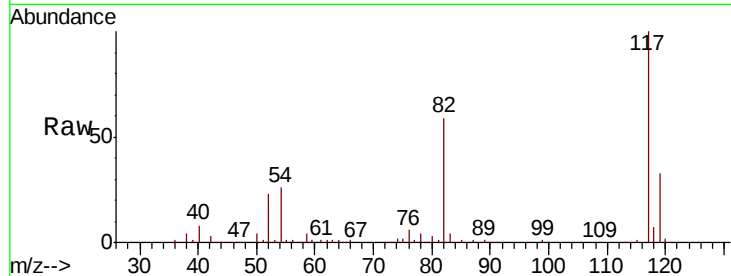




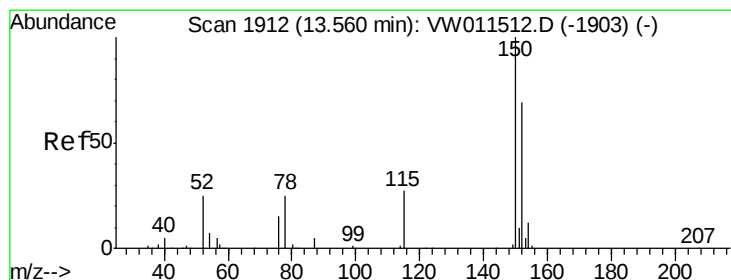
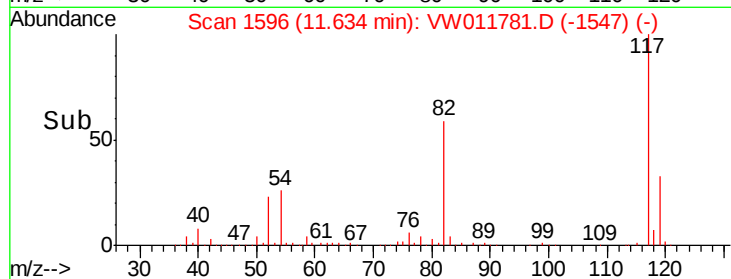
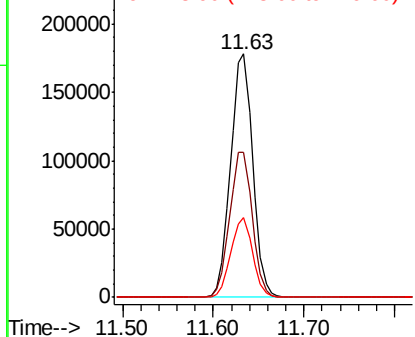
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011781.D
Acq: 08 Aug 2019 21:11

Instrument :
MSVOA_W
ClientSampleId :
VW0810SBL01

Tgt Ion:117 Resp: 302046
Ion Ratio Lower Upper
117 100
82 59.5 47.9 71.9
119 32.7 26.2 39.2

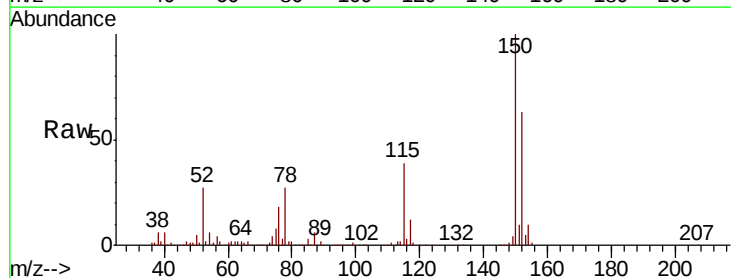


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

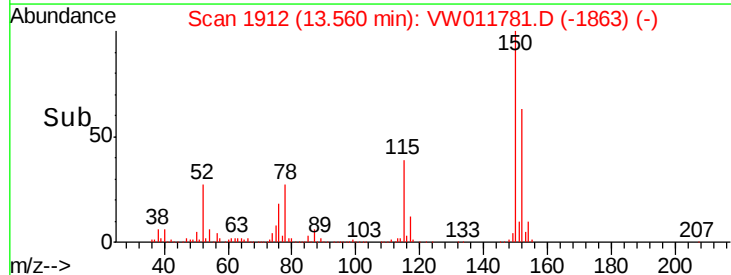
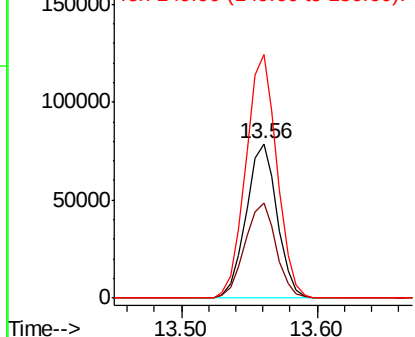


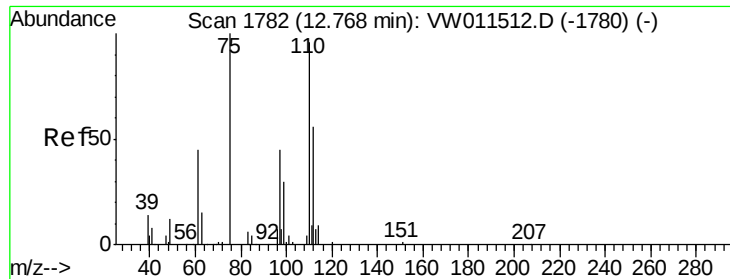
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011781.D
Acq: 08 Aug 2019 21:11

Tgt Ion:152 Resp: 125859
Ion Ratio Lower Upper
152 100
115 62.2 30.5 91.5
150 158.4 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: 58.506 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011781.D

Acq: 08 Aug 2019 21:11

Instrument :

MSVOA_W

ClientSampleId :

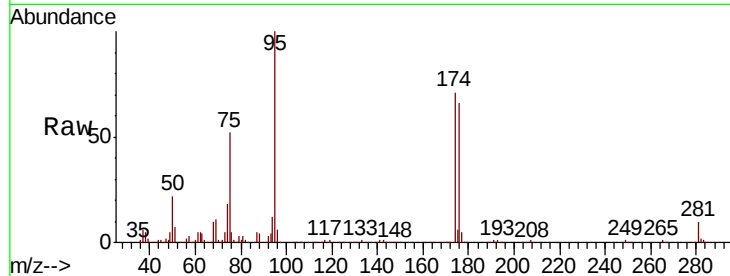
VW0810SBL01

Tgt Ion: 75 Resp: 77914

Ion Ratio Lower Upper

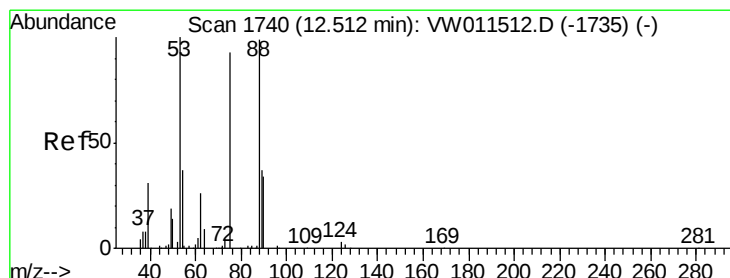
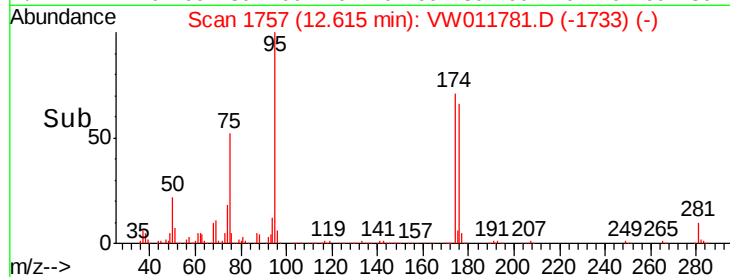
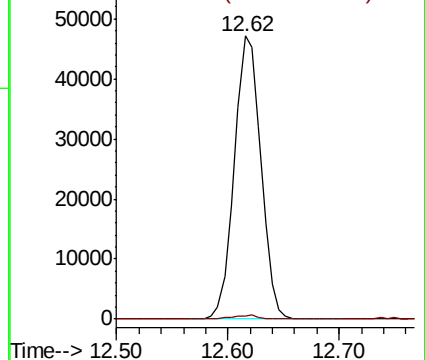
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 134.835 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011781.D

Acq: 08 Aug 2019 21:11

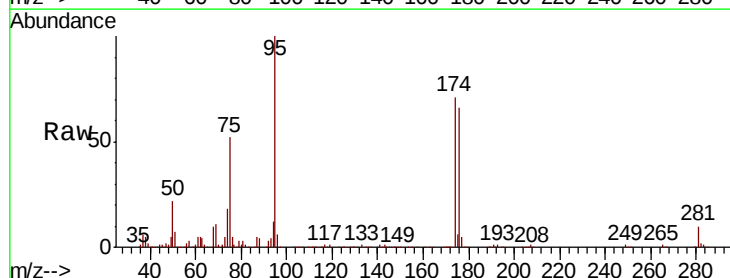
Tgt Ion: 75 Resp: 77914

Ion Ratio Lower Upper

75 100

53 0.1 88.0 132.0#

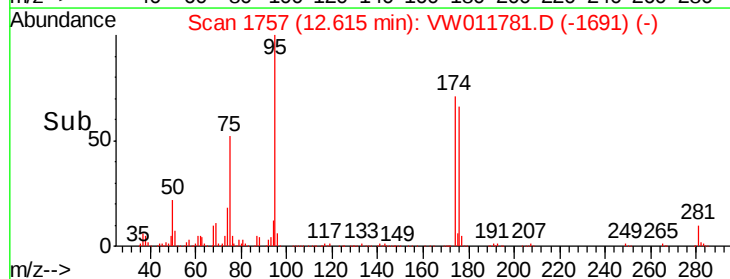
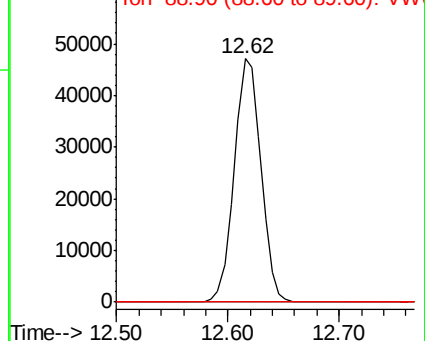
89 0.0 35.3 52.9#

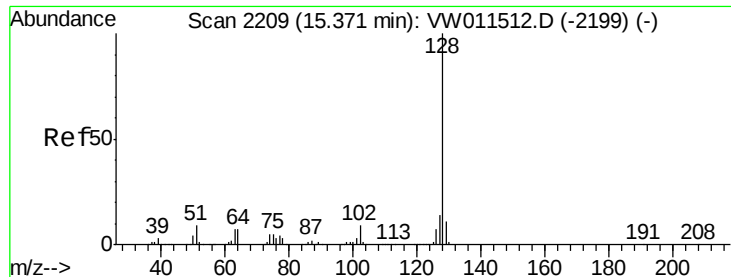


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

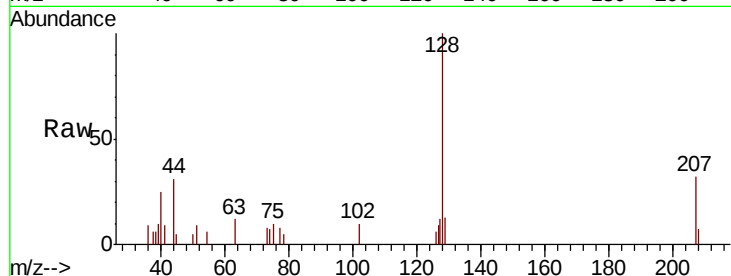




#95
Naphthalene
Concen: 2.420 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW011781.D
Acq: 08 Aug 2019 21:11

Instrument :
MSVOA_W
ClientSampleId :
VW0810SBL01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.2	10.6	16.0
129	13.6	8.6	13.0



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

