

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090419\
 Data File : VW012615.D
 Acq On : 05 Sep 2019 03:33
 Operator : SY/VA
 Sample : K4547-05
 Misc : 4.57G/5ML/MSVOA_W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T3-S-G-(0)

Quant Time: Sep 05 07:04:51 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	265709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	431511	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	85190	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	183319	58.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.08%	
35) Dibromofluoromethane	7.88	113	137700	53.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.92%	
50) Toluene-d8	10.32	98	500856	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
62) 4-Bromofluorobenzene	12.62	95	123609	33.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.16%	

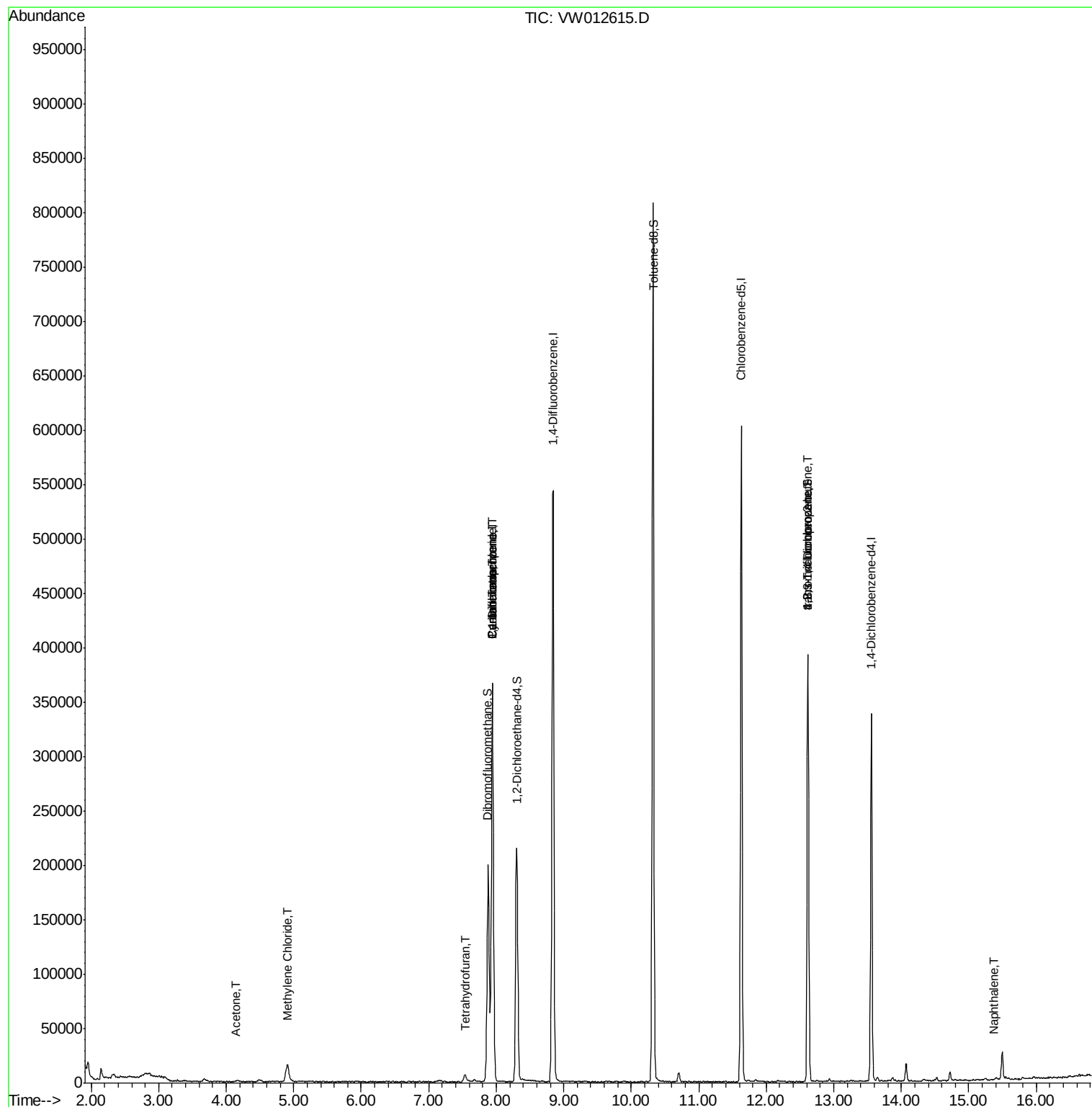
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	1545	1.914	ug/l #	87
20) Methylene Chloride	4.91	84	11390	3.732	ug/l	92
29) Tetrahydrofuran	7.54	42	5621	8.539	ug/l	94
31) Cyclohexane	7.95	56	6582	1.157	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	22699	5.090	ug/l #	52
38) Carbon Tetrachloride	7.95	117	26538	6.876	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	68184	82.180	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	68184	180.183	ug/l #	6
95) Naphthalene	15.36	128	557	4.479	ug/l #	74

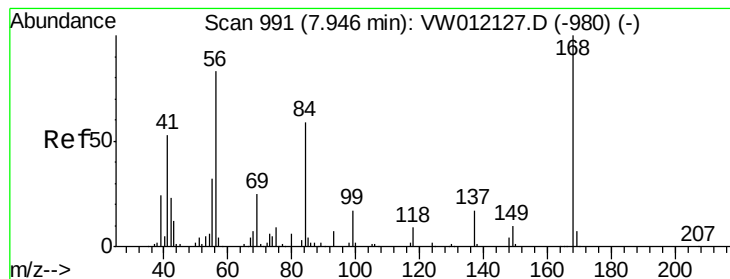
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012615.D

Acq: 05 Sep 2019 03:33

Instrument :

MSVOA_W

ClientSampleId :

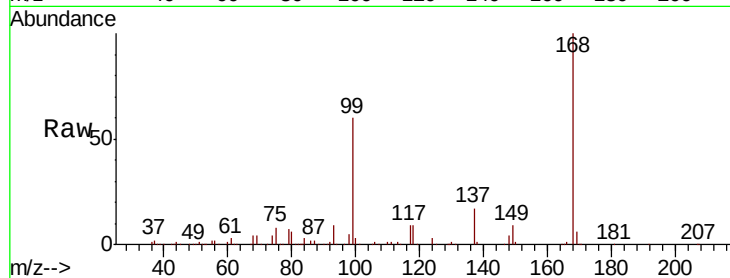
T3-S-G-(0)

Tgt Ion:168 Resp: 265709

Ion Ratio Lower Upper

168 100

99 59.5 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

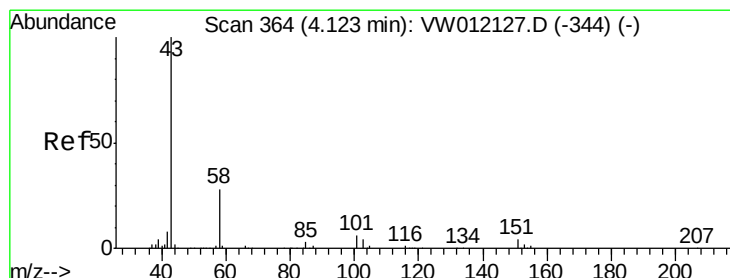
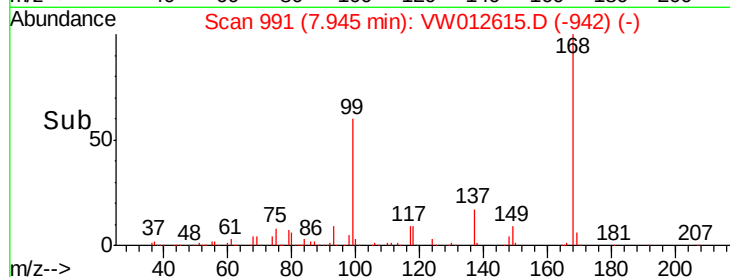
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 1.914 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW012615.D

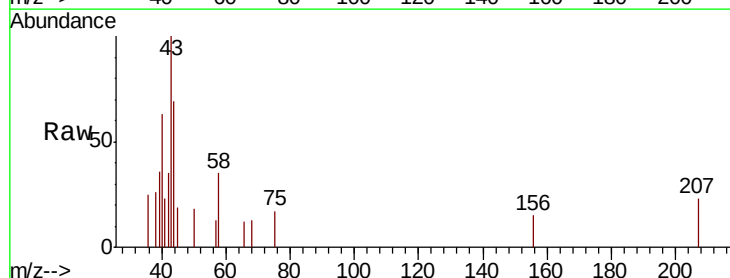
Acq: 05 Sep 2019 03:33

Tgt Ion: 43 Resp: 1545

Ion Ratio Lower Upper

43 100

58 34.8 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

400

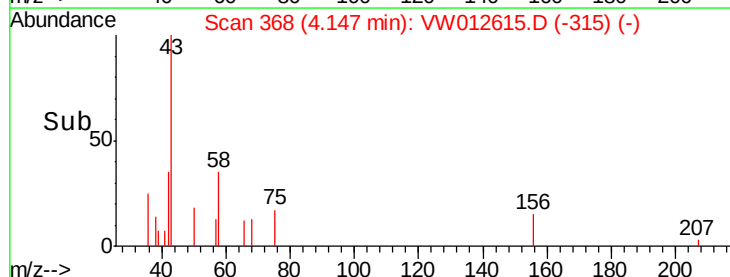
300

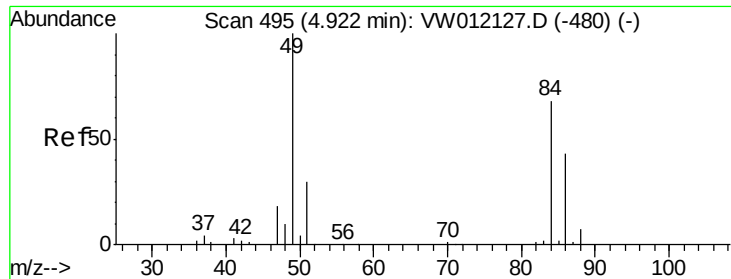
200

100

0

Time--> 4.05 4.10 4.15 4.20

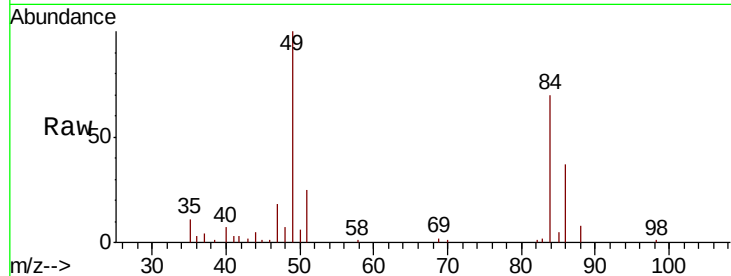




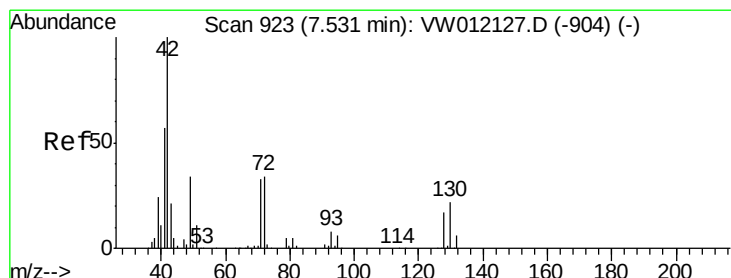
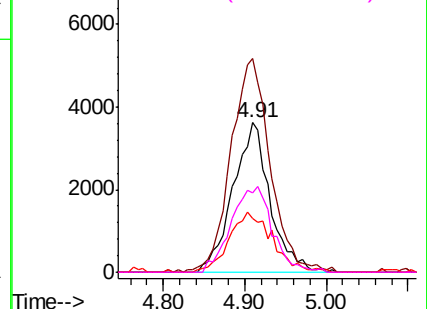
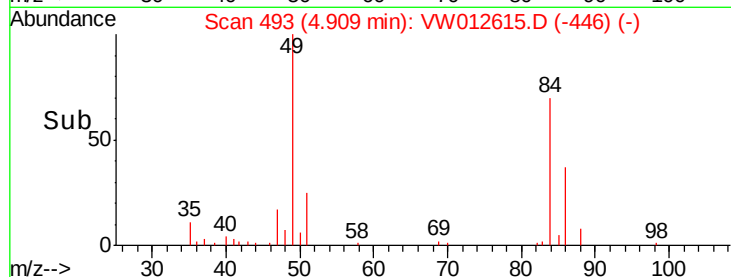
#20
Methylene Chloride
Concen: 3.732 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012615.D
Acq: 05 Sep 2019 03:33

Instrument :
MSVOA_W
ClientSampleId :
T3-S-G-(0)

Tgt Ion:	84	Resp:	11390
Ion	Ratio	Lower	Upper
84	100		
49	143.0	117.8	176.8
51	35.7	35.6	53.4
86	53.0	51.2	76.8

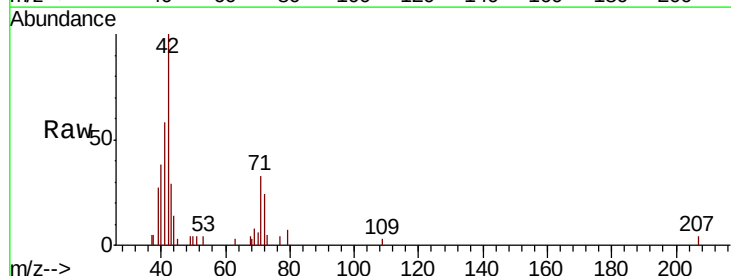


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

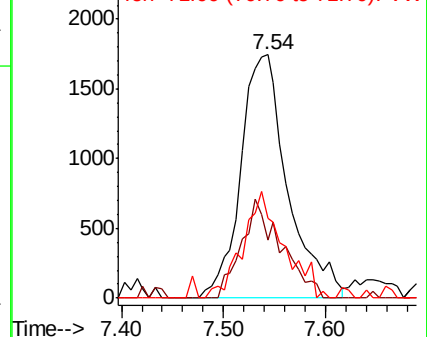
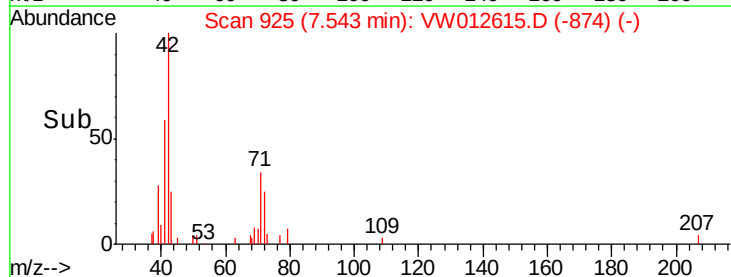


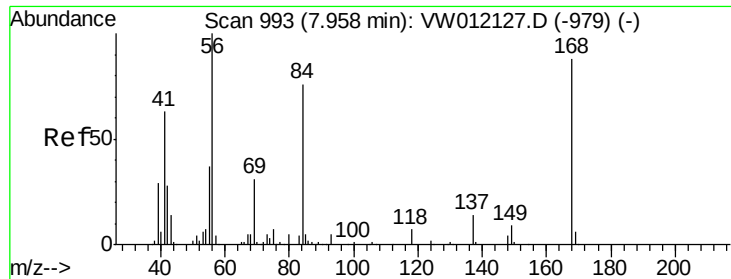
#29
Tetrahydrofuran
Concen: 8.539 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW012615.D
Acq: 05 Sep 2019 03:33

Tgt Ion:	42	Resp:	5621
Ion	Ratio	Lower	Upper
42	100		
72	34.5	27.3	40.9
71	37.8	25.5	38.3



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

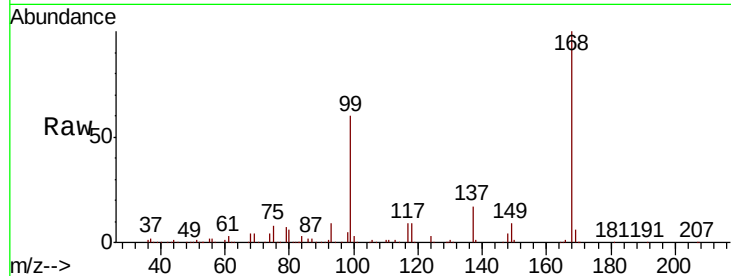




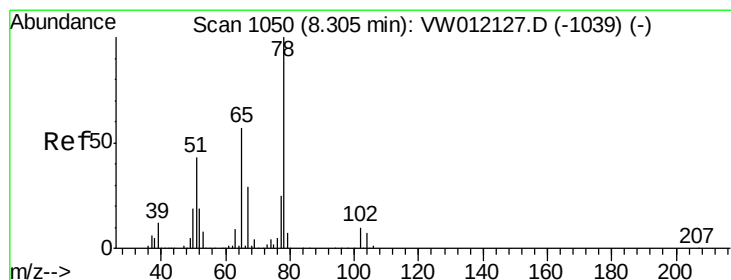
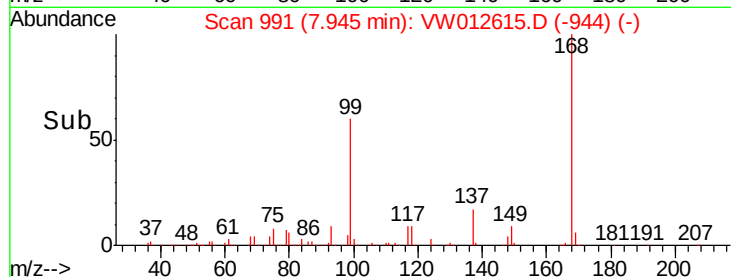
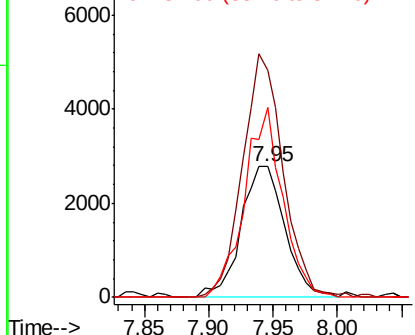
#31
Cyclohexane
Concen: 1.157 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW012615.D
Acq: 05 Sep 2019 03:33

Instrument :
MSVOA_W
ClientSampleId :
T3-S-G-(0)

Tgt Ion: 56 Resp: 6582
Ion Ratio Lower Upper
56 100
69 173.2 24.9 37.3#
84 144.7 60.6 90.8#

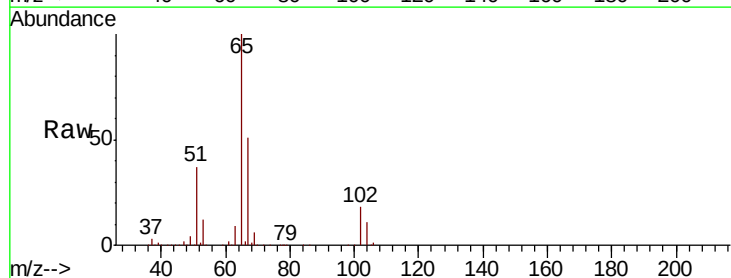


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

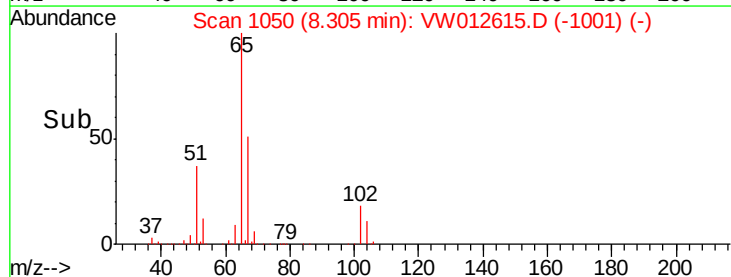
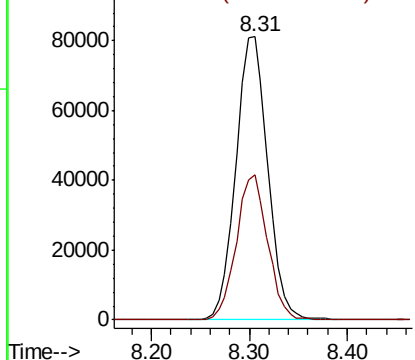


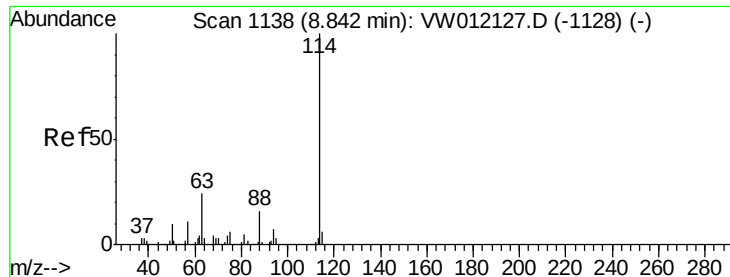
#33
1,2-Dichloroethane-d4
Concen: 58.037 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012615.D
Acq: 05 Sep 2019 03:33

Tgt Ion: 65 Resp: 183319
Ion Ratio Lower Upper
65 100
67 50.5 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: VW012615.D

Acq: 05 Sep 2019 03:33

Instrument :

MSVOA_W

ClientSampleId :

T3-S-G-(0)

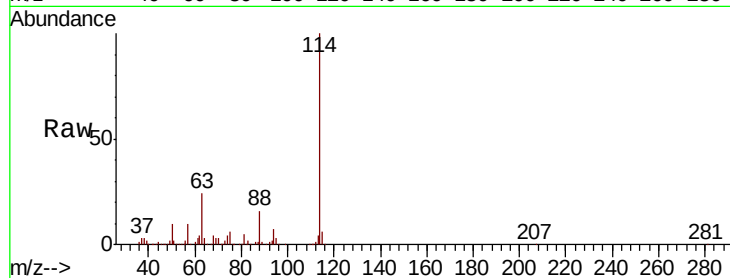
Tgt Ion:114 Resp: 431511

Ion Ratio Lower Upper

114 100

63 24.4 0.0 48.6

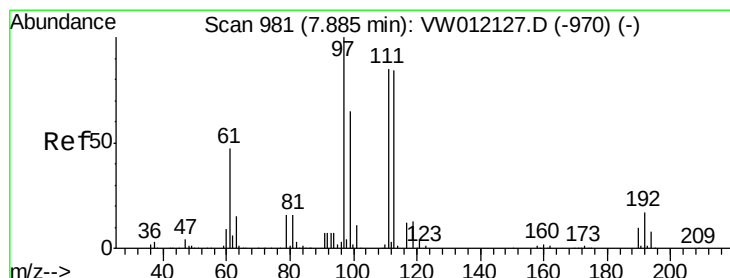
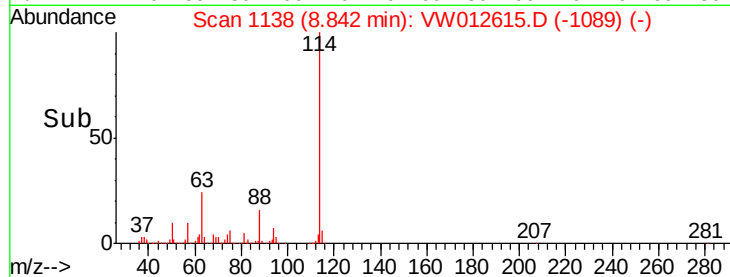
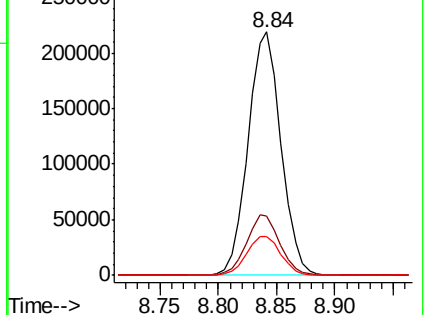
88 15.9 0.0 32.2



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: 53.461 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012615.D

Acq: 05 Sep 2019 03:33

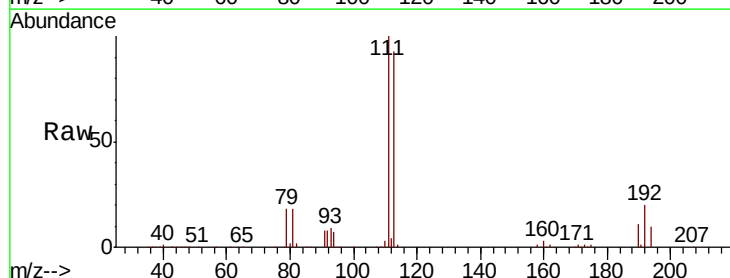
Tgt Ion:113 Resp: 137700

Ion Ratio Lower Upper

113 100

111 103.8 82.7 124.1

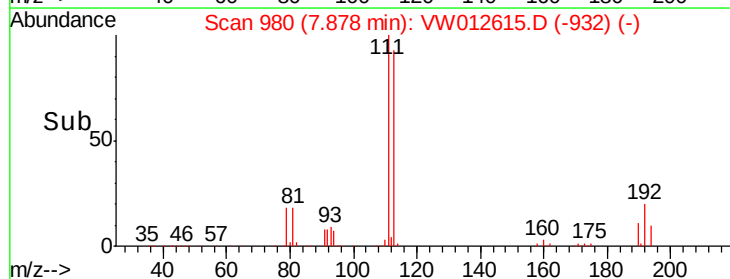
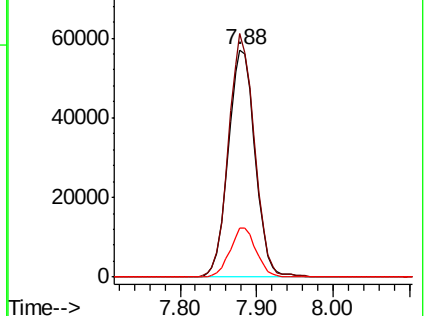
192 21.2 16.2 24.2

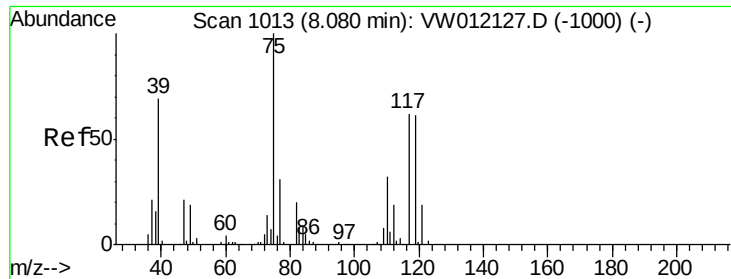


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

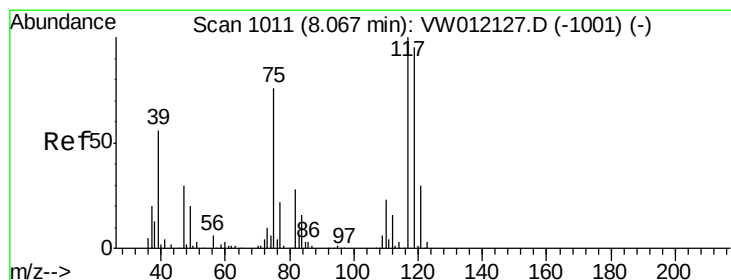
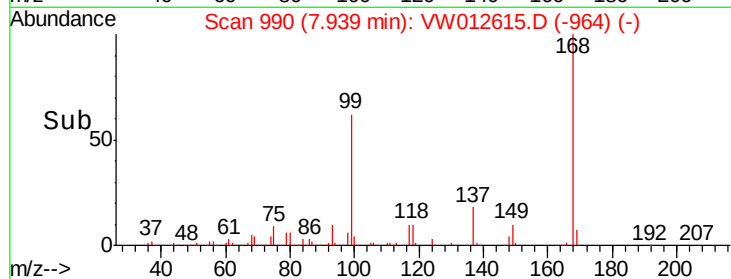
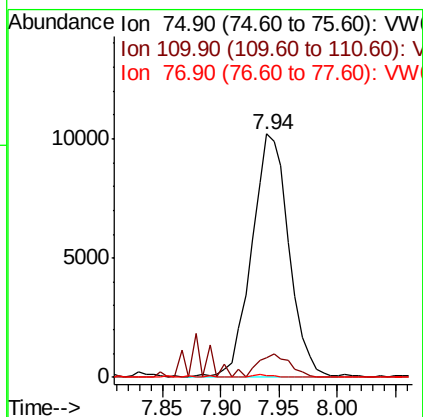
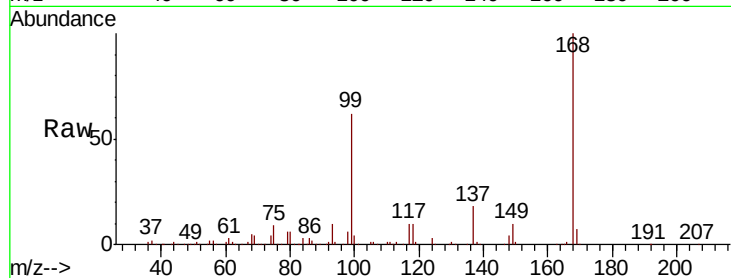




#36
 1,1-Dichloropropene
 Concen: 5.090 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW012615.D
 Acq: 05 Sep 2019 03:33

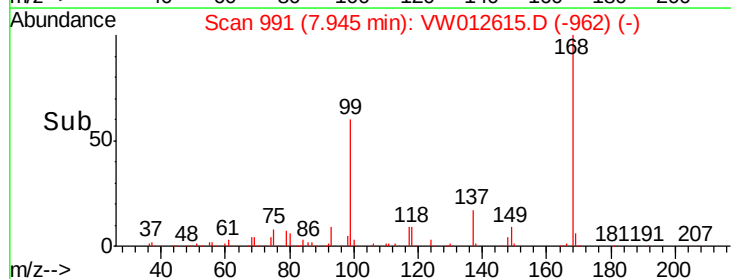
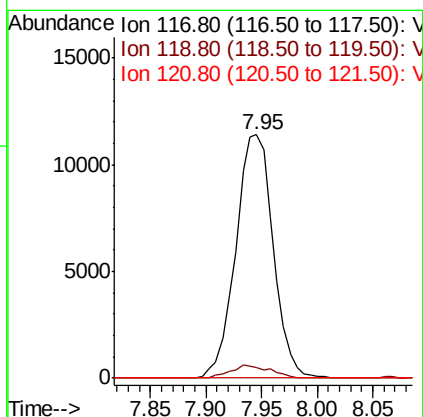
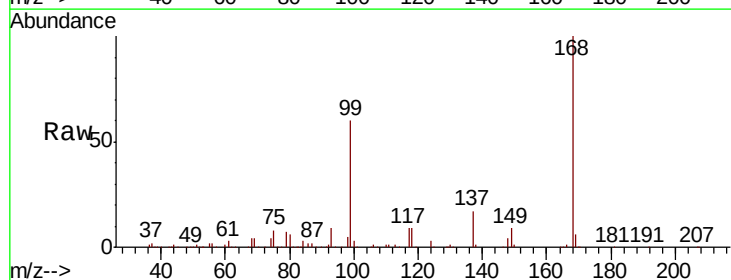
Instrument :
 MSVOA_W
 ClientSampleId :
 T3-S-G-(0)

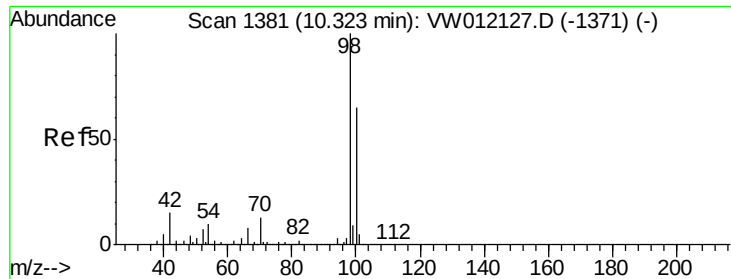
Tgt Ion: 75 Resp: 22699
 Ion Ratio Lower Upper
 75 100
 110 8.1 15.6 46.8#
 77 0.6 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 6.876 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012615.D
 Acq: 05 Sep 2019 03:33

Tgt Ion: 117 Resp: 26538
 Ion Ratio Lower Upper
 117 100
 119 4.2 76.2 114.2#
 121 0.0 23.8 35.8#

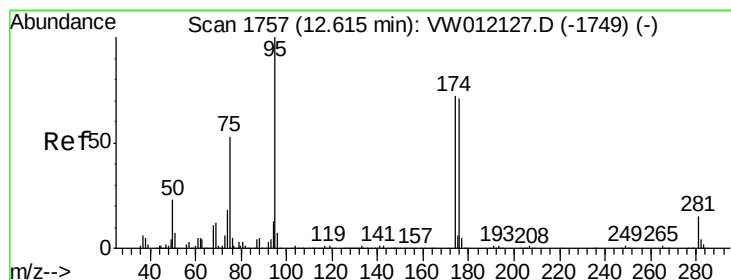
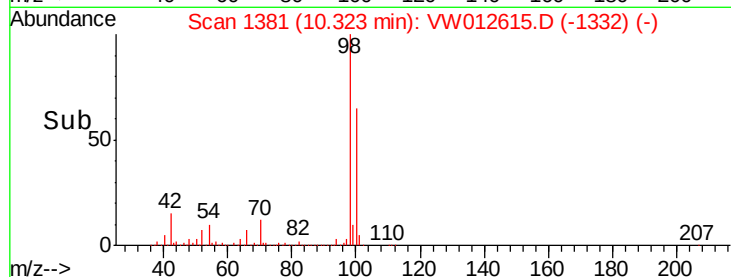
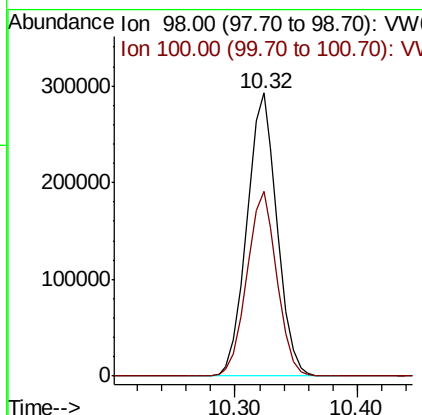
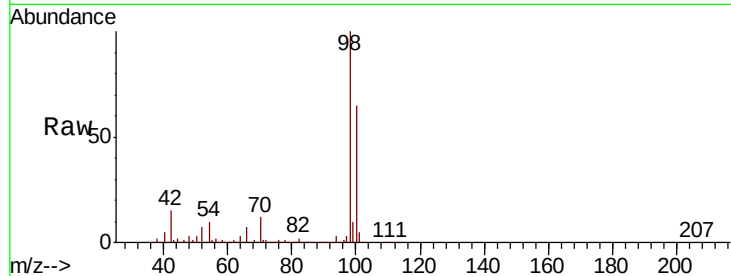




#50
Toluene-d8
Concen: 47.958 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012615.D
Acq: 05 Sep 2019 03:33

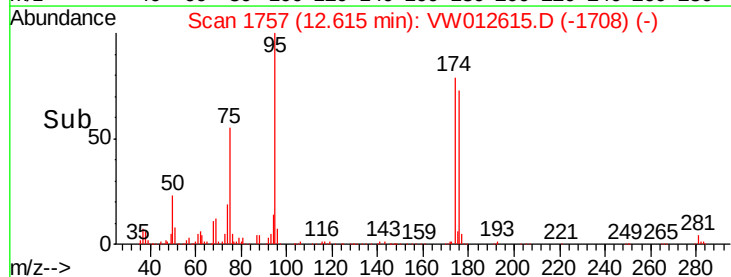
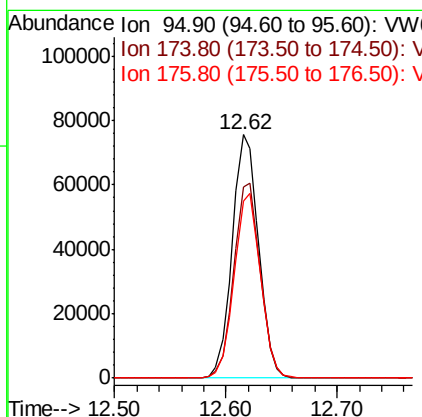
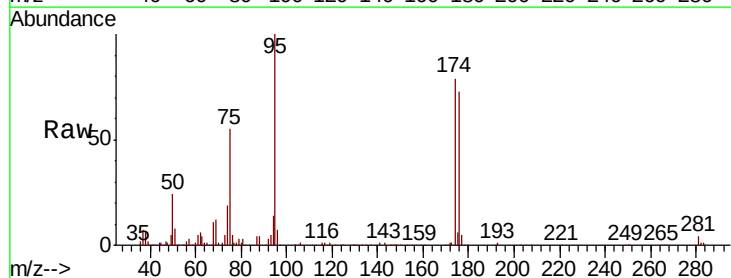
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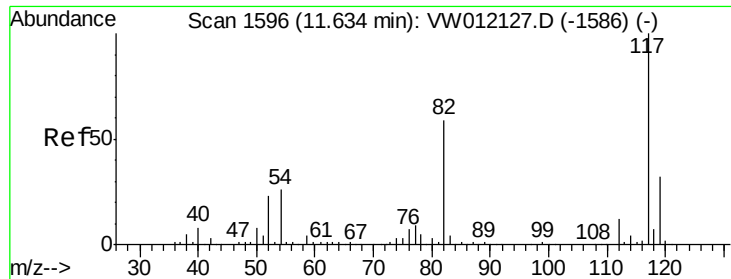
Tgt Ion: 98 Resp: 500856
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 33.577 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012615.D
Acq: 05 Sep 2019 03:33

Tgt Ion: 95 Resp: 123609
Ion Ratio Lower Upper
95 100
174 80.4 0.0 150.8
176 76.0 0.0 148.6

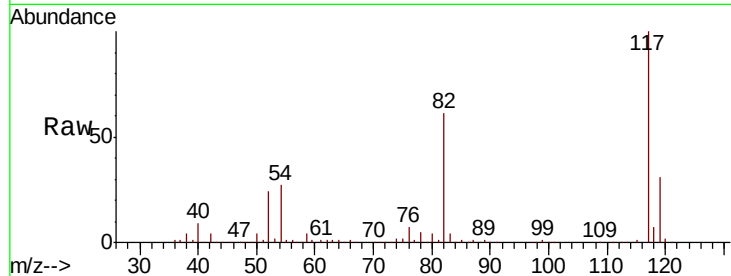




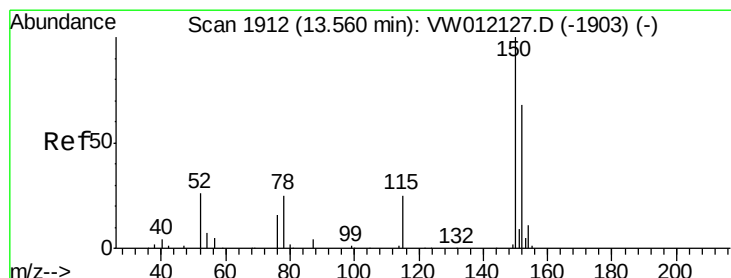
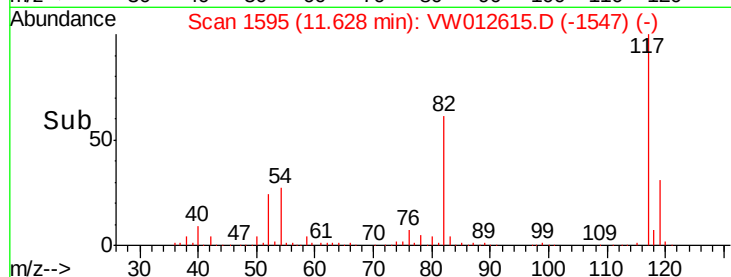
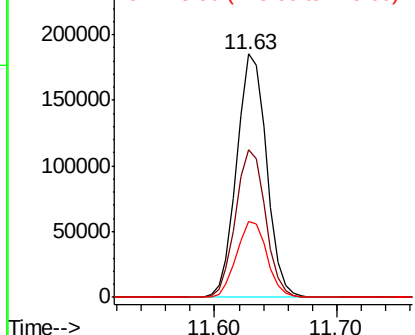
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012615.D
Acq: 05 Sep 2019 03:33

Instrument :
MSVOA_W
ClientSampleId :
T3-S-G-(0)

Tgt Ion:117 Resp: 312953
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.2
119 31.2 25.4 38.2

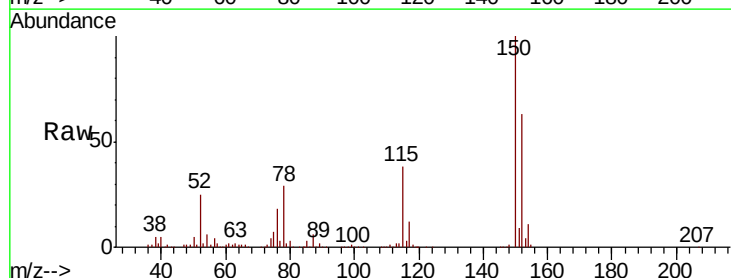


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

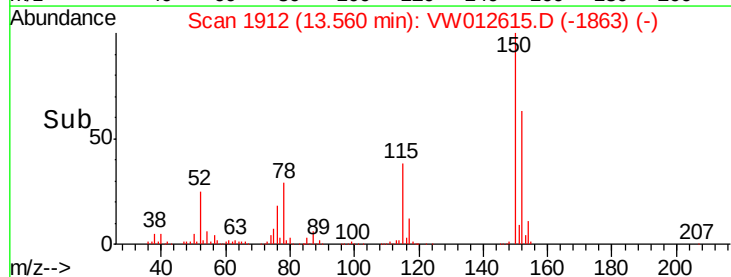
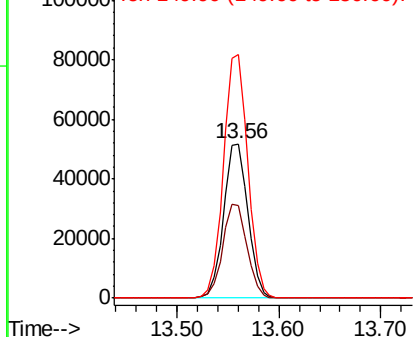


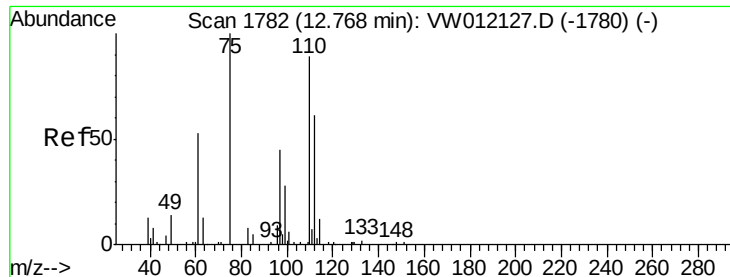
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012615.D
Acq: 05 Sep 2019 03:33

Tgt Ion:152 Resp: 85190
Ion Ratio Lower Upper
152 100
115 61.3 30.1 90.3
150 157.9 0.0 345.8



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: 82.180 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012615.D

Acq: 05 Sep 2019 03:33

Instrument :

MSVOA_W

ClientSampleId :

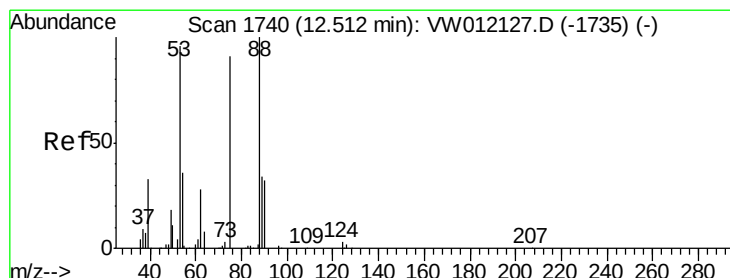
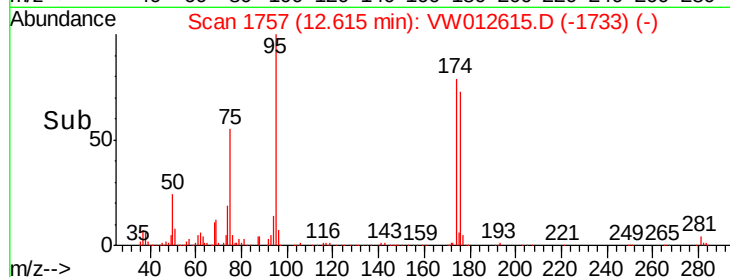
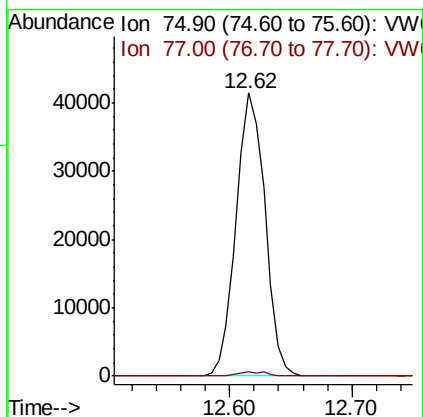
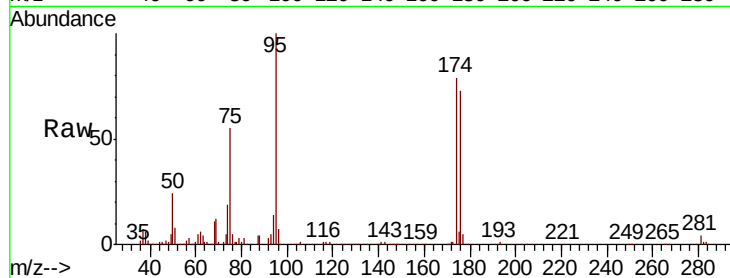
T3-S-G-(0)

Tgt Ion: 75 Resp: 68184

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 180.183 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012615.D

Acq: 05 Sep 2019 03:33

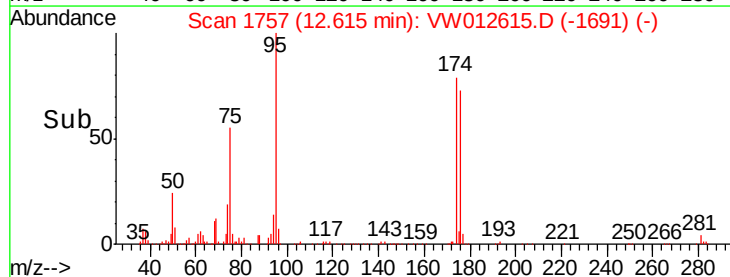
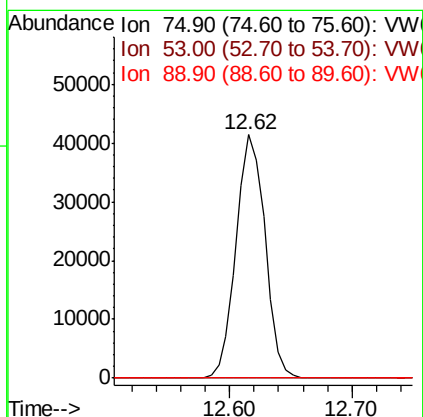
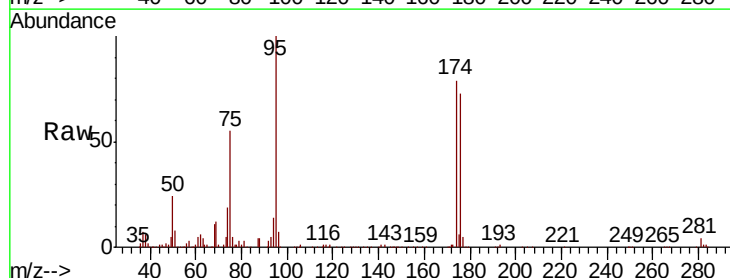
Tgt Ion: 75 Resp: 68184

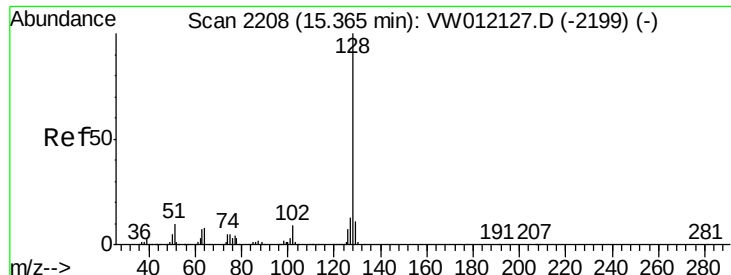
Ion Ratio Lower Upper

75 100

53 0.2 89.4 134.0#

89 0.0 34.5 51.7#





#95

Naphthalene

Concen: 4.479 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW012615.D

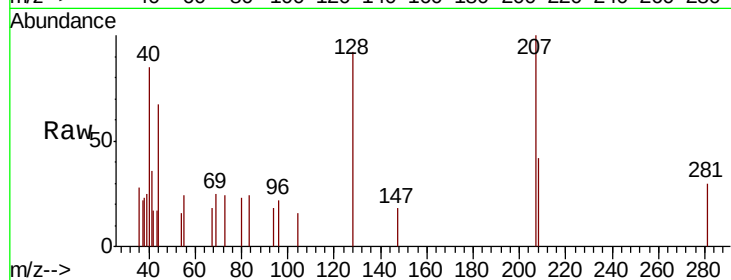
Acq: 05 Sep 2019 03:33

Instrument :

MSVOA_W

ClientSampleId :

T3-S-G-(0)



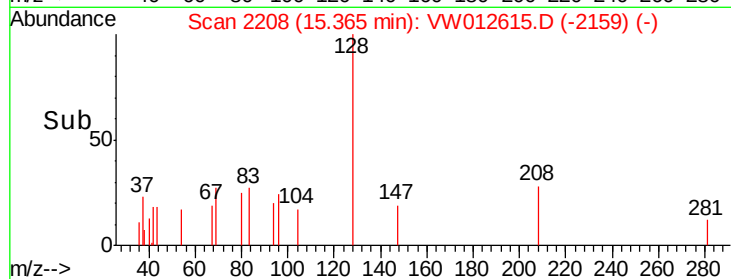
Tgt Ion:128 Resp: 557

Ion Ratio Lower Upper

128 100

127 0.0 10.7 16.1#

129 4.7 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

