

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082319\
 Data File : VW012143.D
 Acq On : 23 Aug 2019 19:50
 Operator : SY/VA
 Sample : K4474-05
 Misc : 5.14G/5ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-F3-(0)

Quant Time: Aug 26 07:30:12 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	209134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	342446	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	241074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	60766	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	132567	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
35) Dibromofluoromethane	7.88	113	106922	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.62%	
50) Toluene-d8	10.32	98	405610	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
62) 4-Bromofluorobenzene	12.62	95	92523	31.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.34%	

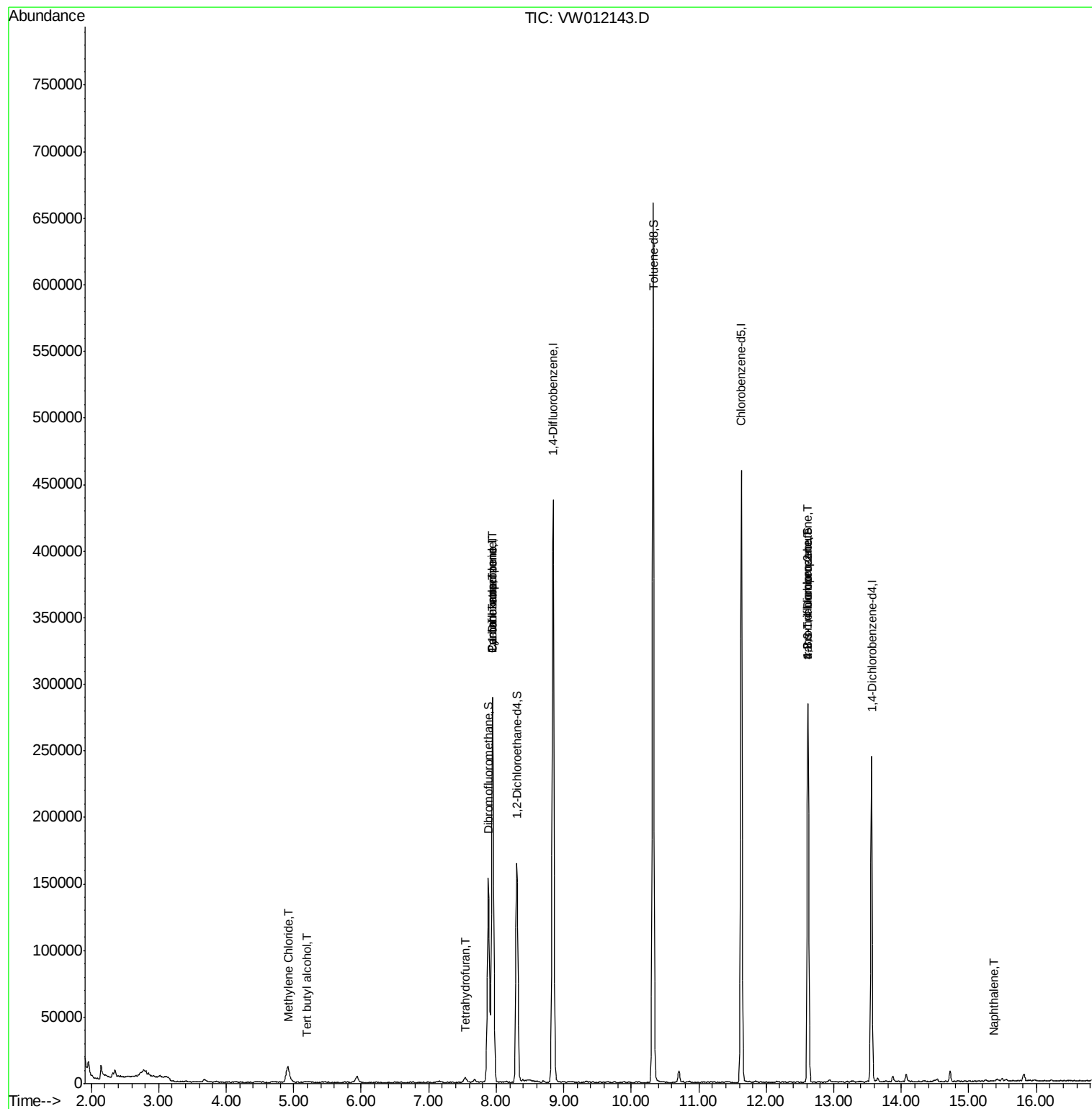
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	578	3.863	ug/l #	71
20) Methylene Chloride	4.92	84	8743	3.639	ug/l	95
29) Tetrahydrofuran	7.54	42	3703	7.147	ug/l #	67
31) Cyclohexane	7.95	56	5336	1.192	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18486	5.224	ug/l #	51
38) Carbon Tetrachloride	7.95	117	21336	6.966	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	50498	85.327	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	50498	187.083	ug/l #	6
95) Naphthalene	15.36	128	138	4.376	ug/l #	69

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

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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: VW012143.D

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Instrument :

MSVOA_W

ClientSampleId :

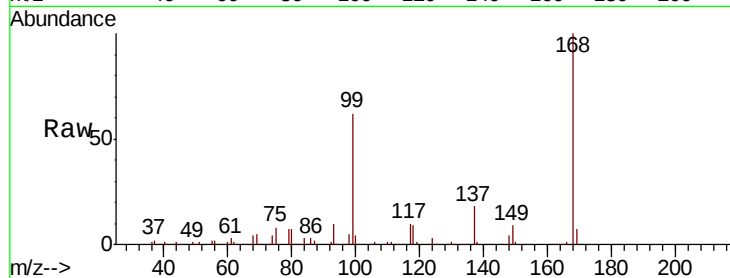
T1-2-F3-(0)

Tgt Ion:168 Resp: 209134

Ion Ratio Lower Upper

168 100

99 61.8 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

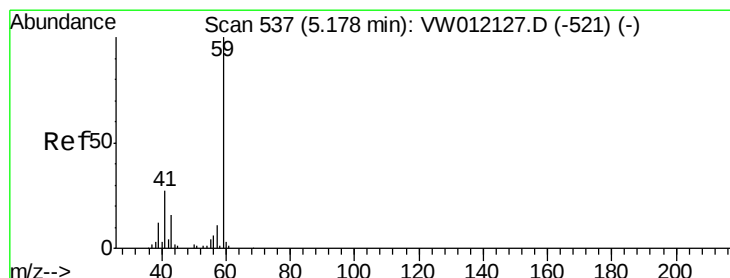
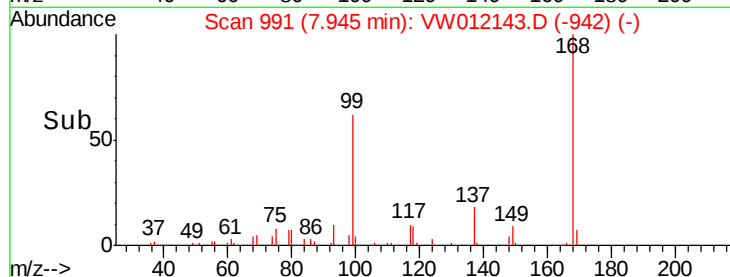
20000

0

7.90

8.00

Time-->



#11

Tert butyl alcohol

Concen: 3.863 ug/l

RT: 5.20 min Scan# 540

Delta R.T. 0.02 min

Lab File: VW012143.D

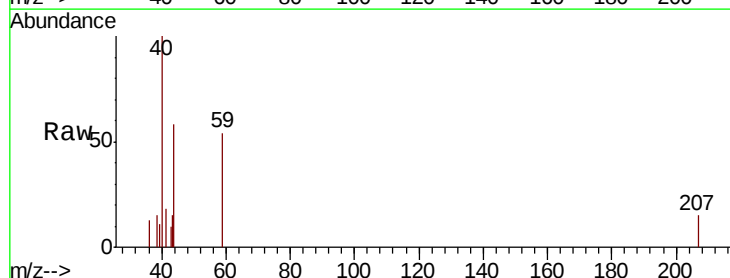
Acq: 23 Aug 2019 19:50

Tgt Ion: 59 Resp: 578

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

200

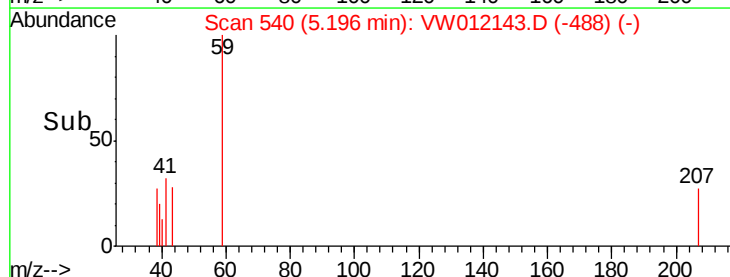
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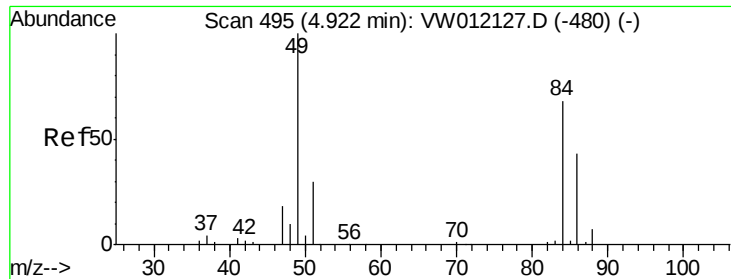
0

5.15

5.20

Time-->

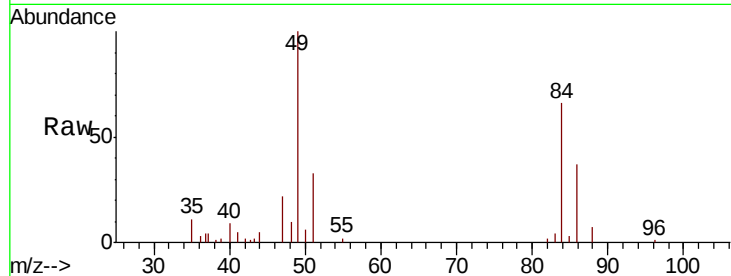




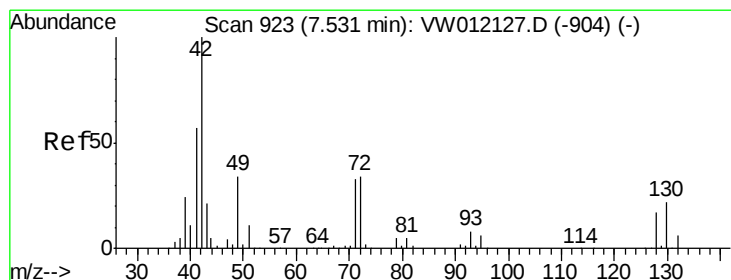
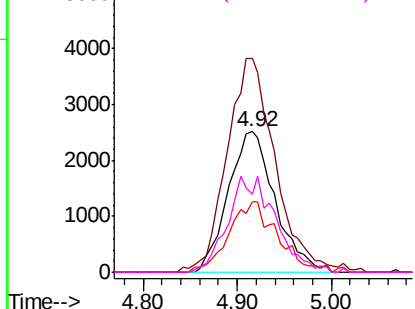
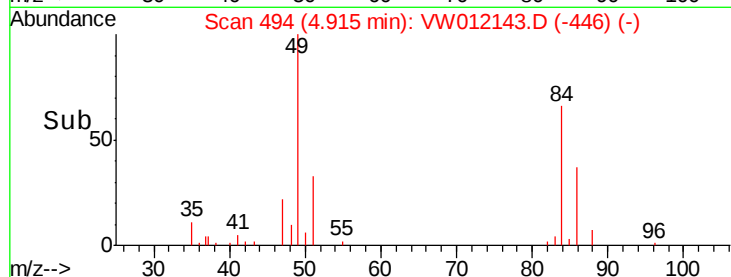
#20
Methylene Chloride
Concen: 3.639 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012143.D
Acq: 23 Aug 2019 19:50

Instrument :
MSVOA_W
ClientSampleId :
T1-2-F3-(0)

Tgt Ion:	84	Resp:	8743
Ion	Ratio	Lower	Upper
84	100		
49	149.2	117.8	176.8
51	50.6	35.6	53.4
86	55.8	51.2	76.8

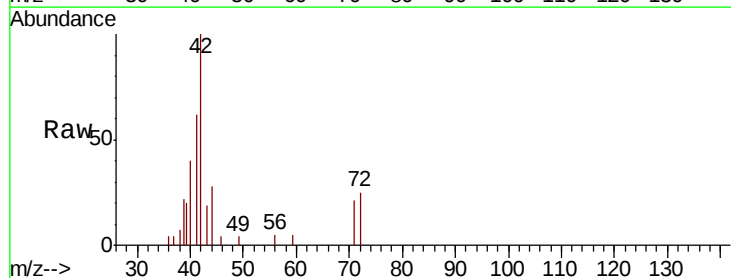


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

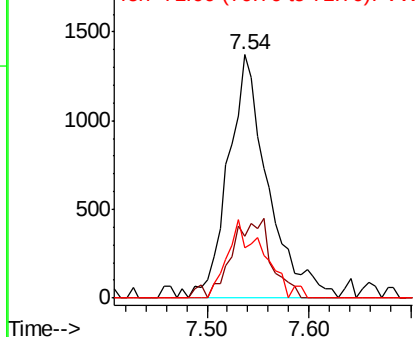
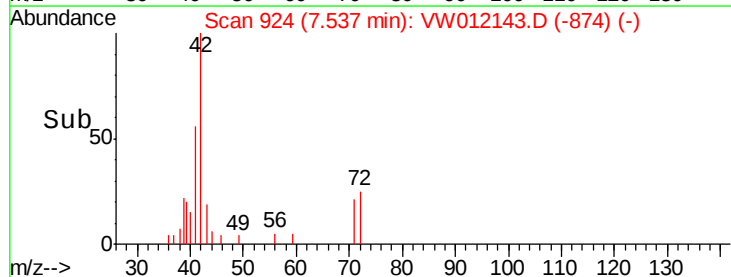


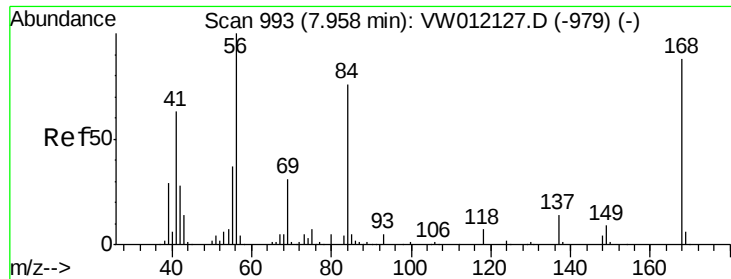
#29
Tetrahydrofuran
Concen: 7.147 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012143.D
Acq: 23 Aug 2019 19:50

Tgt Ion:	42	Resp:	3703
Ion	Ratio	Lower	Upper
42	100		
72	0.0	27.3	40.9#
71	29.6	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

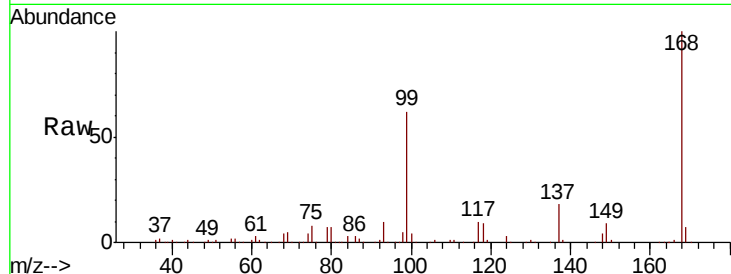




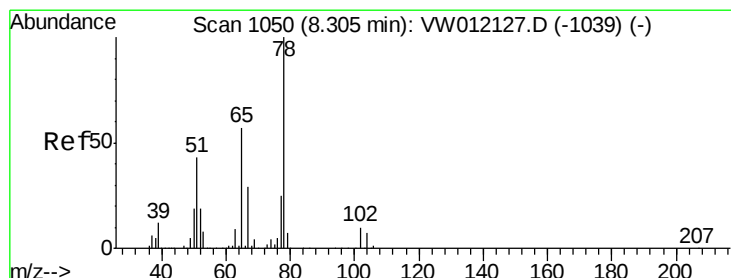
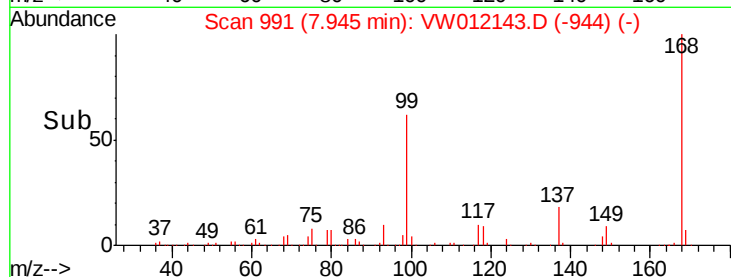
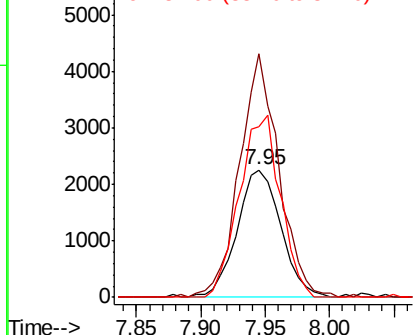
#31
Cyclohexane
Concen: 1.192 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW012143.D
Acq: 23 Aug 2019 19:50

Instrument :
MSVOA_W
ClientSampleId :
T1-2-F3-(0)

Tgt Ion: 56 Resp: 5336
Ion Ratio Lower Upper
56 100
69 191.0 24.9 37.3#
84 133.7 60.6 90.8#

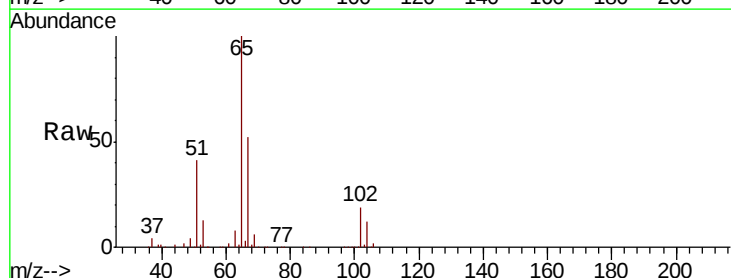


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

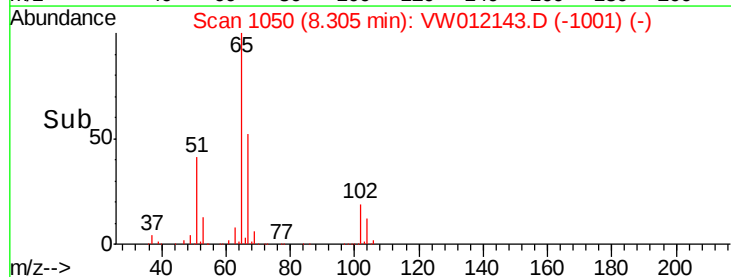
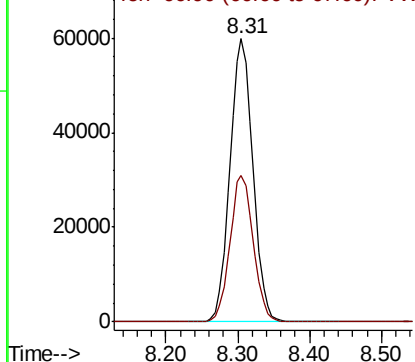


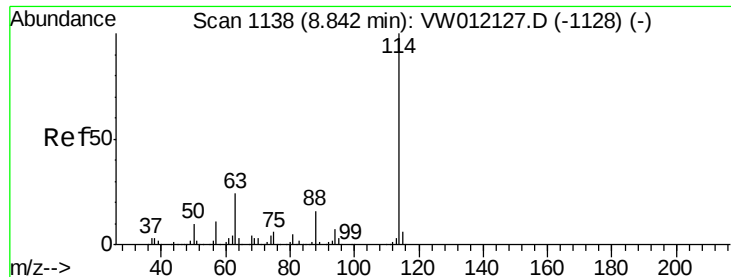
#33
1,2-Dichloroethane-d4
Concen: 53.323 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012143.D
Acq: 23 Aug 2019 19:50

Tgt Ion: 65 Resp: 132567
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.6



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

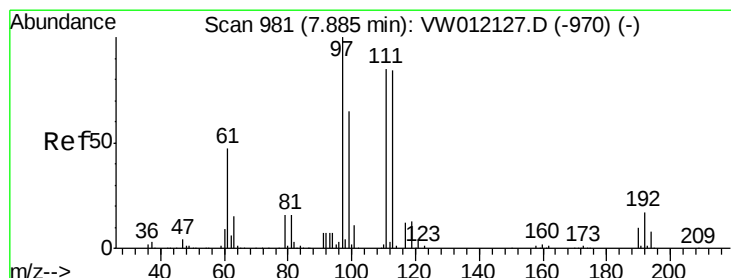
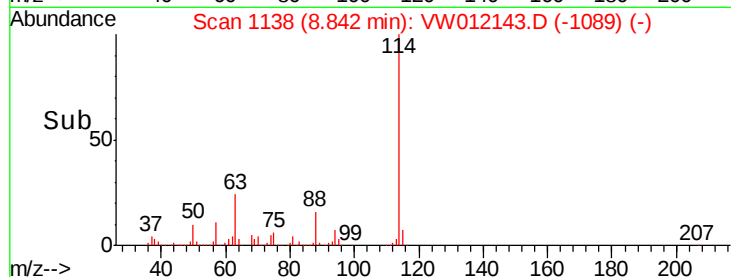
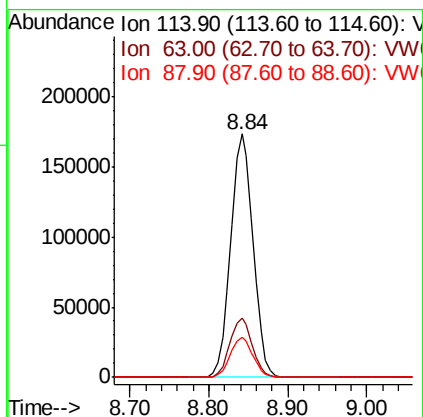
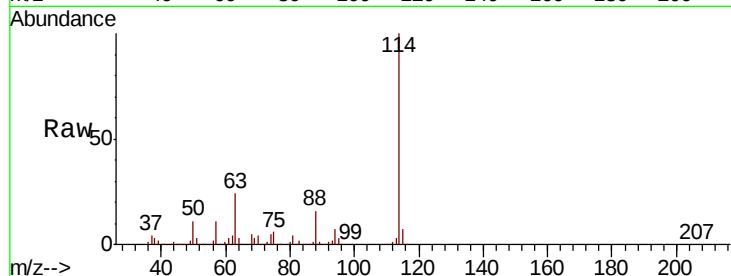




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012143.D
 Acq: 23 Aug 2019 19:50

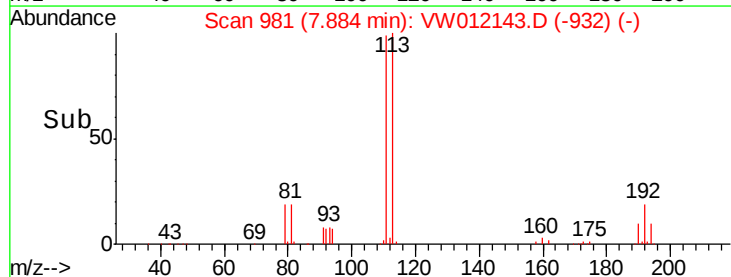
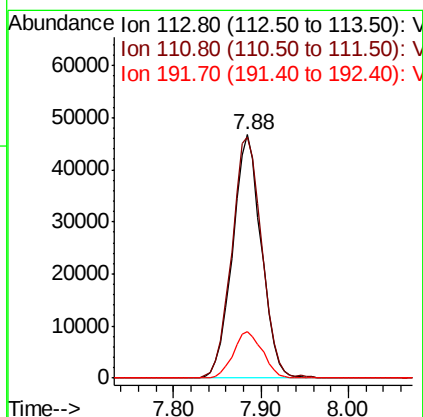
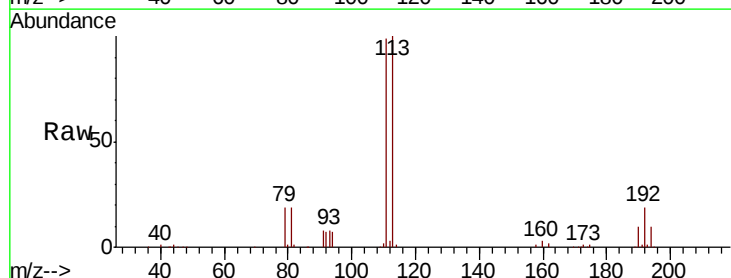
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-F3-(0)

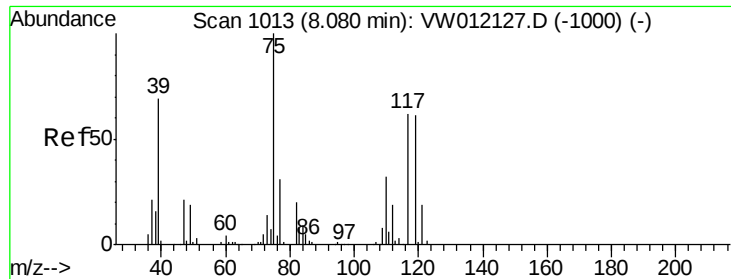
Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	48.6
88	16.3	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 52.308 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012143.D
 Acq: 23 Aug 2019 19:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.7	124.1
192	19.3	16.2	24.2

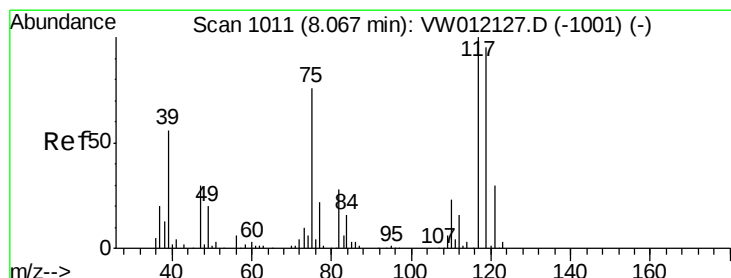
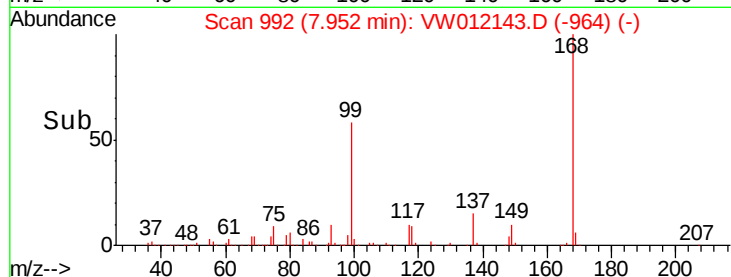
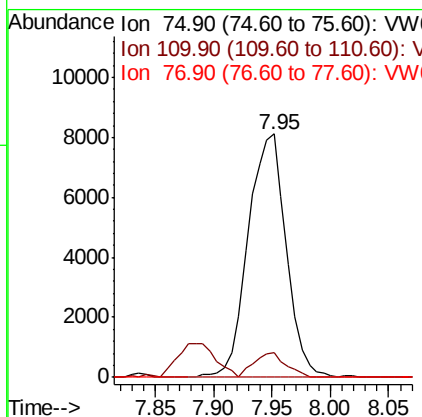
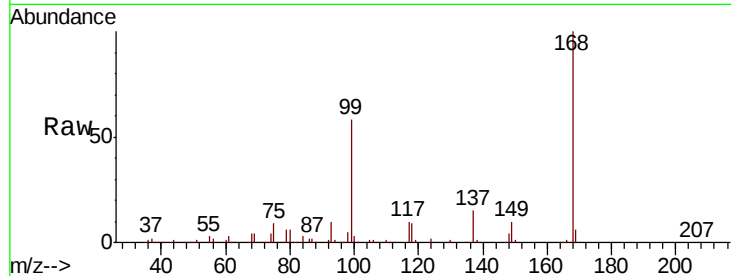




#36
 1,1-Dichloropropene
 Concen: 5.224 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW012143.D
 Acq: 23 Aug 2019 19:50

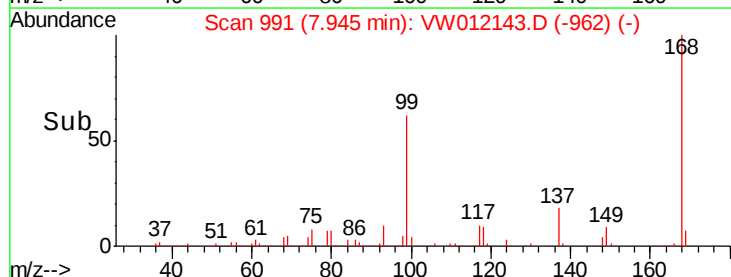
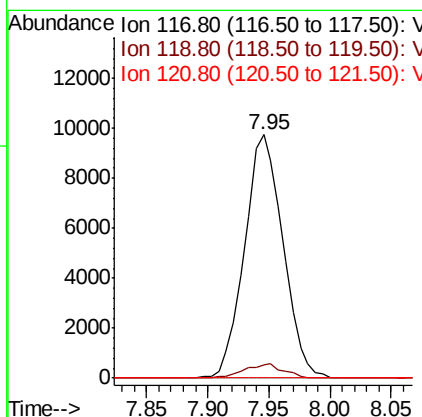
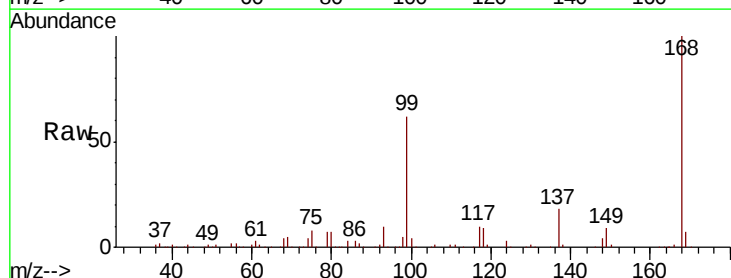
Instrument :
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 ClientSampleId :
 T1-2-F3-(0)

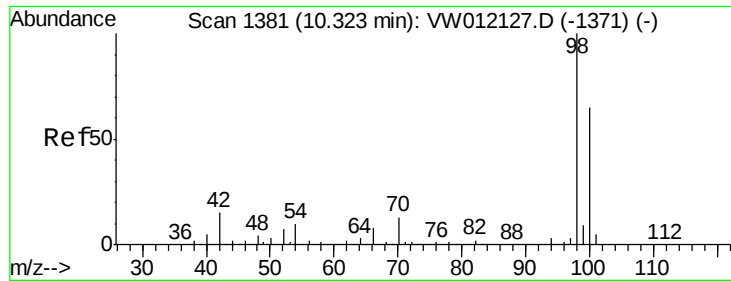
Tgt Ion: 75 Resp: 18486
 Ion Ratio Lower Upper
 75 100
 110 8.5 15.6 46.8#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 6.966 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012143.D
 Acq: 23 Aug 2019 19:50

Tgt Ion: 117 Resp: 21336
 Ion Ratio Lower Upper
 117 100
 119 5.5 76.2 114.2#
 121 0.0 23.8 35.8#

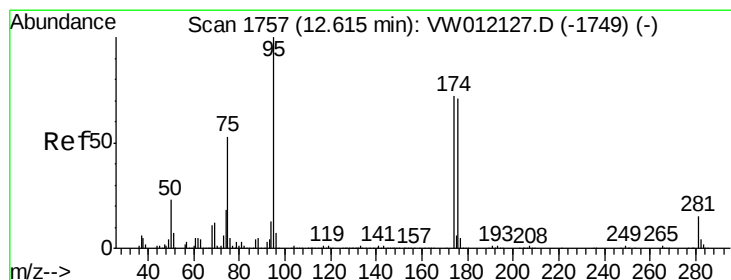
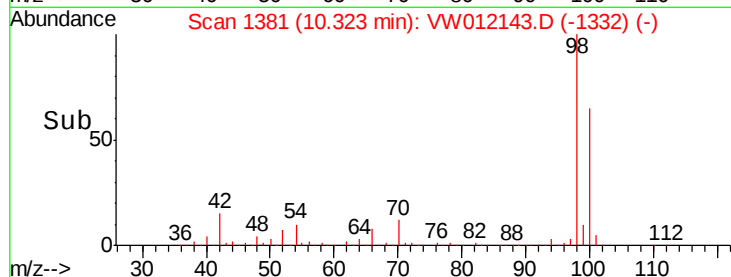
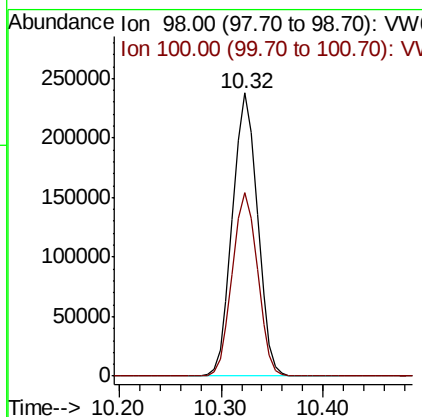
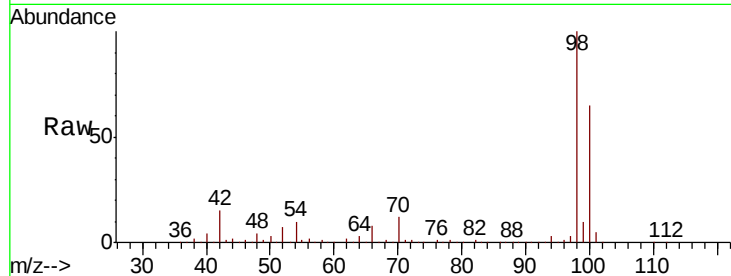




#50
Toluene-d8
Concen: 48.939 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012143.D
Acq: 23 Aug 2019 19:50

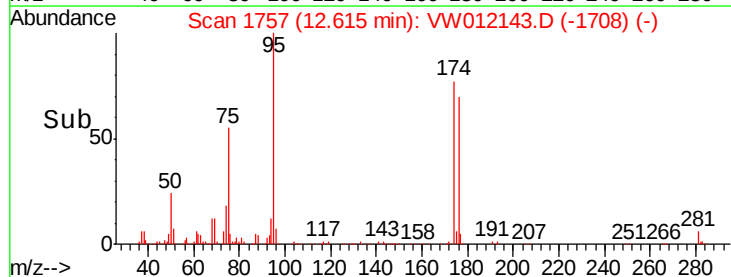
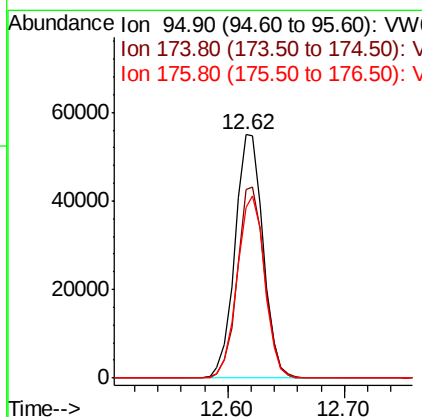
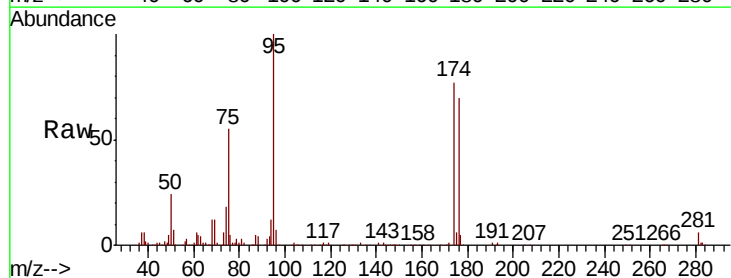
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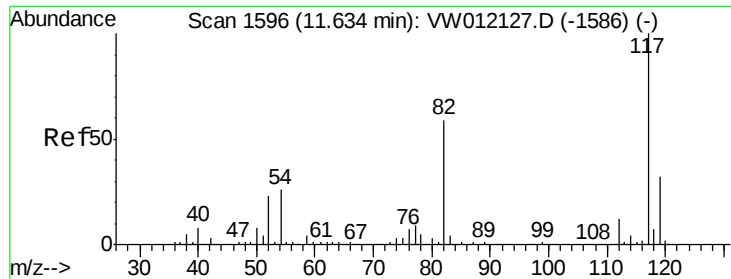
Tgt Ion: 98 Resp: 405610
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 31.669 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012143.D
Acq: 23 Aug 2019 19:50

Tgt Ion: 95 Resp: 92523
Ion Ratio Lower Upper
95 100
174 76.3 0.0 150.8
176 73.4 0.0 148.6

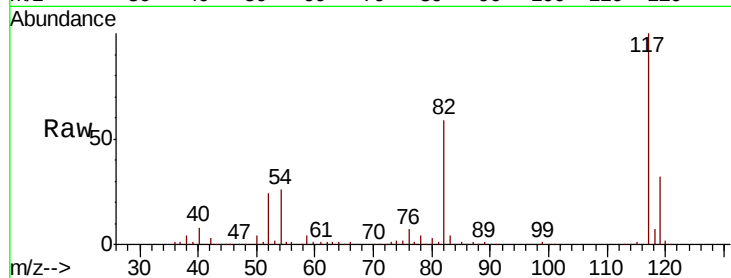




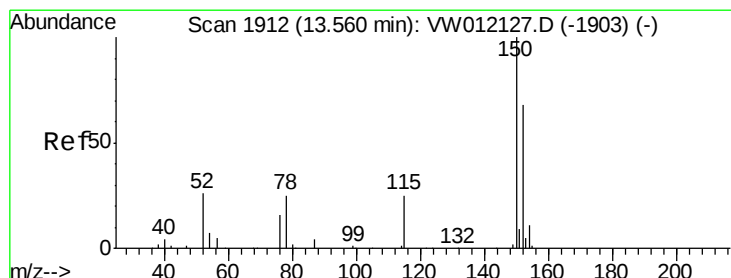
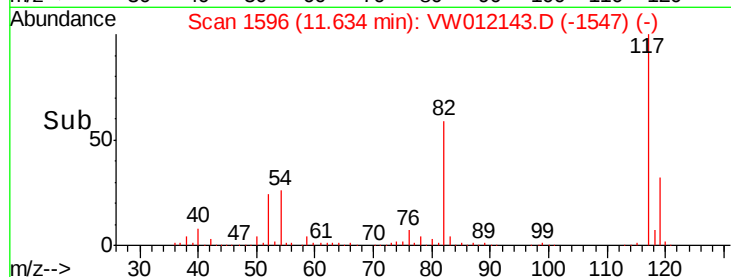
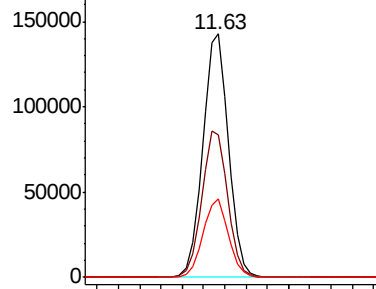
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012143.D
Acq: 23 Aug 2019 19:50

Instrument :
MSVOA_W
ClientSampleId :
T1-2-F3-(0)

Tgt Ion:117 Resp: 241074
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 32.0 25.4 38.2

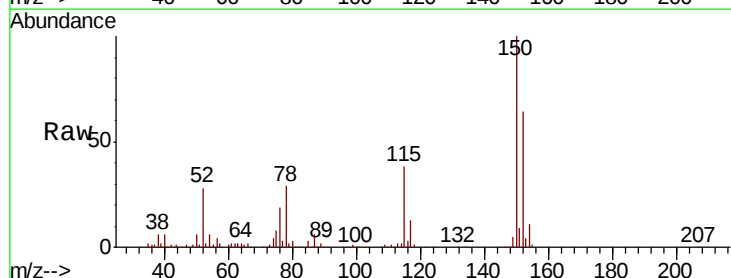


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

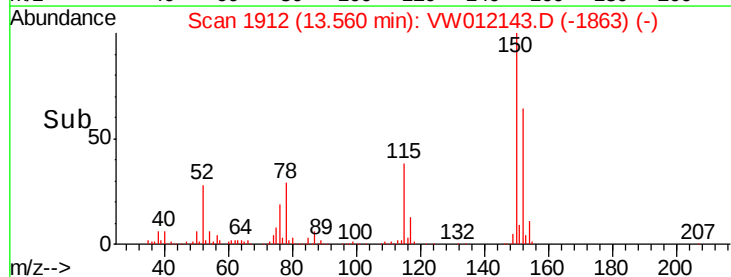
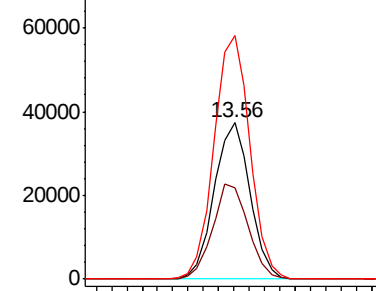


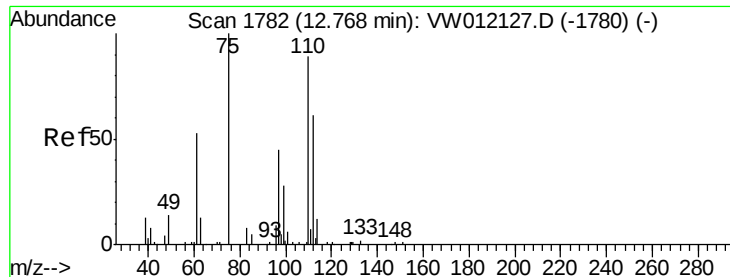
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012143.D
Acq: 23 Aug 2019 19:50

Tgt Ion:152 Resp: 60766
Ion Ratio Lower Upper
152 100
115 60.3 30.1 90.3
150 156.1 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: 85.327 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012143.D

Acq: 23 Aug 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

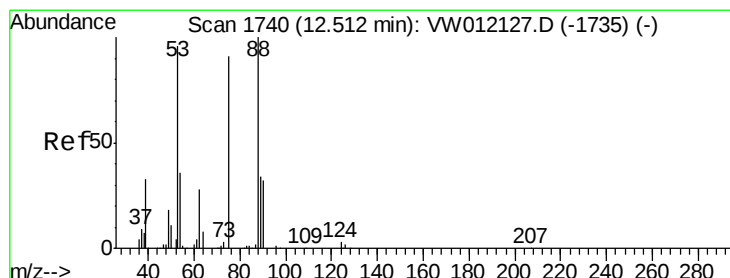
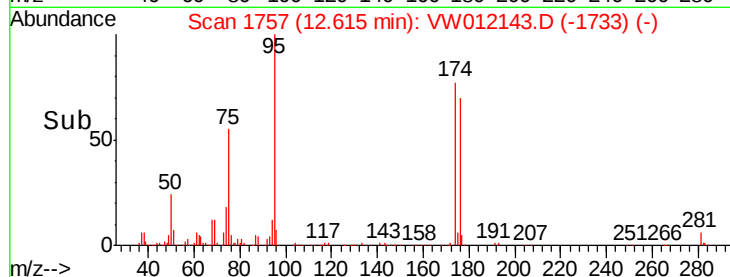
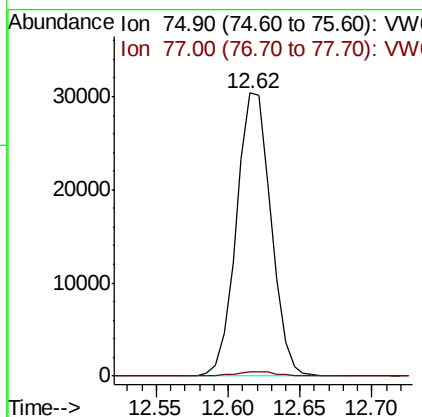
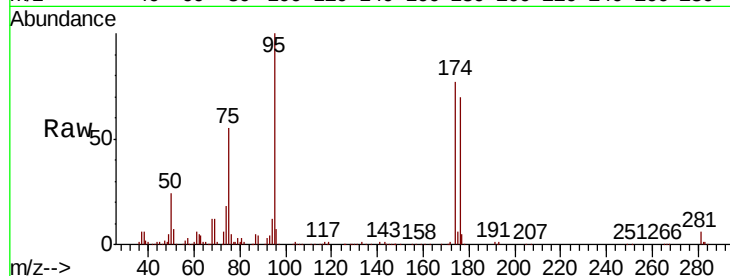
T1-2-F3-(0)

Tgt Ion: 75 Resp: 50498

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 187.083 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012143.D

Acq: 23 Aug 2019 19:50

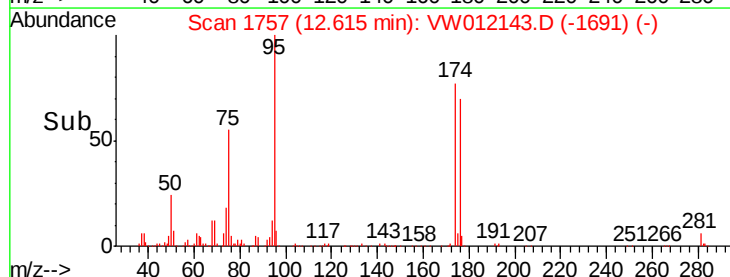
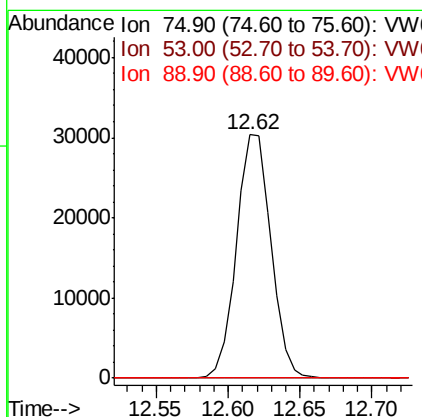
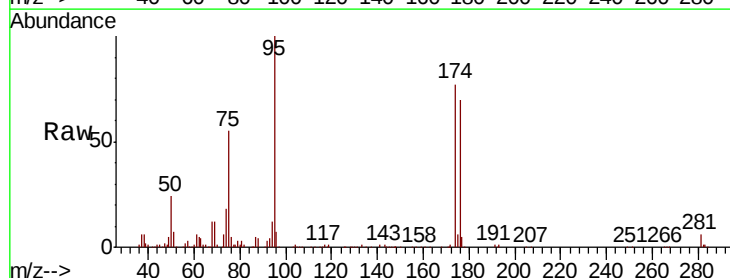
Tgt Ion: 75 Resp: 50498

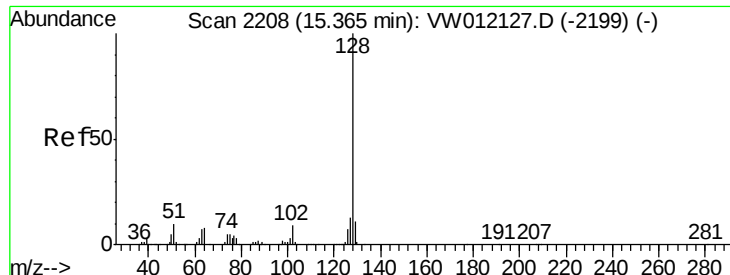
Ion Ratio Lower Upper

75 100

53 0.1 89.4 134.0#

89 0.0 34.5 51.7#





#95

Naphthalene

Concen: 4.376 ug/l

RT: 15.36 min Scan# 2207

Delta R.T. -0.01 min

Lab File: VW012143.D

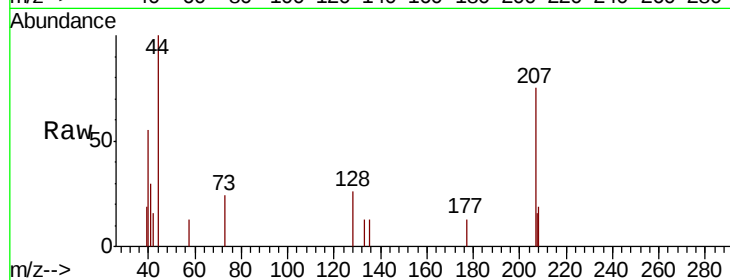
Acq: 23 Aug 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

T1-2-F3-(0)



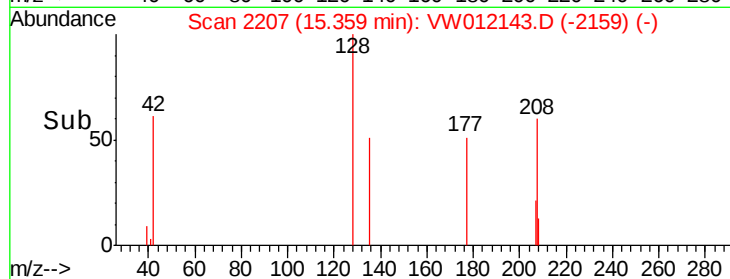
Tgt Ion:128 Resp: 138

Ion Ratio Lower Upper

128 100

127 0.0 10.7 16.1#

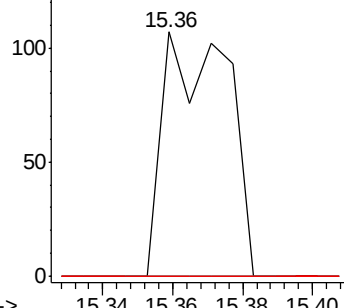
129 0.0 8.7 13.1#



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



Time-->