

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082220\
 Data File : VW016314.D
 Acq On : 21 Aug 2020 18:45
 Operator : SY/VA
 Sample : L3729-04
 Misc : 4.77G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

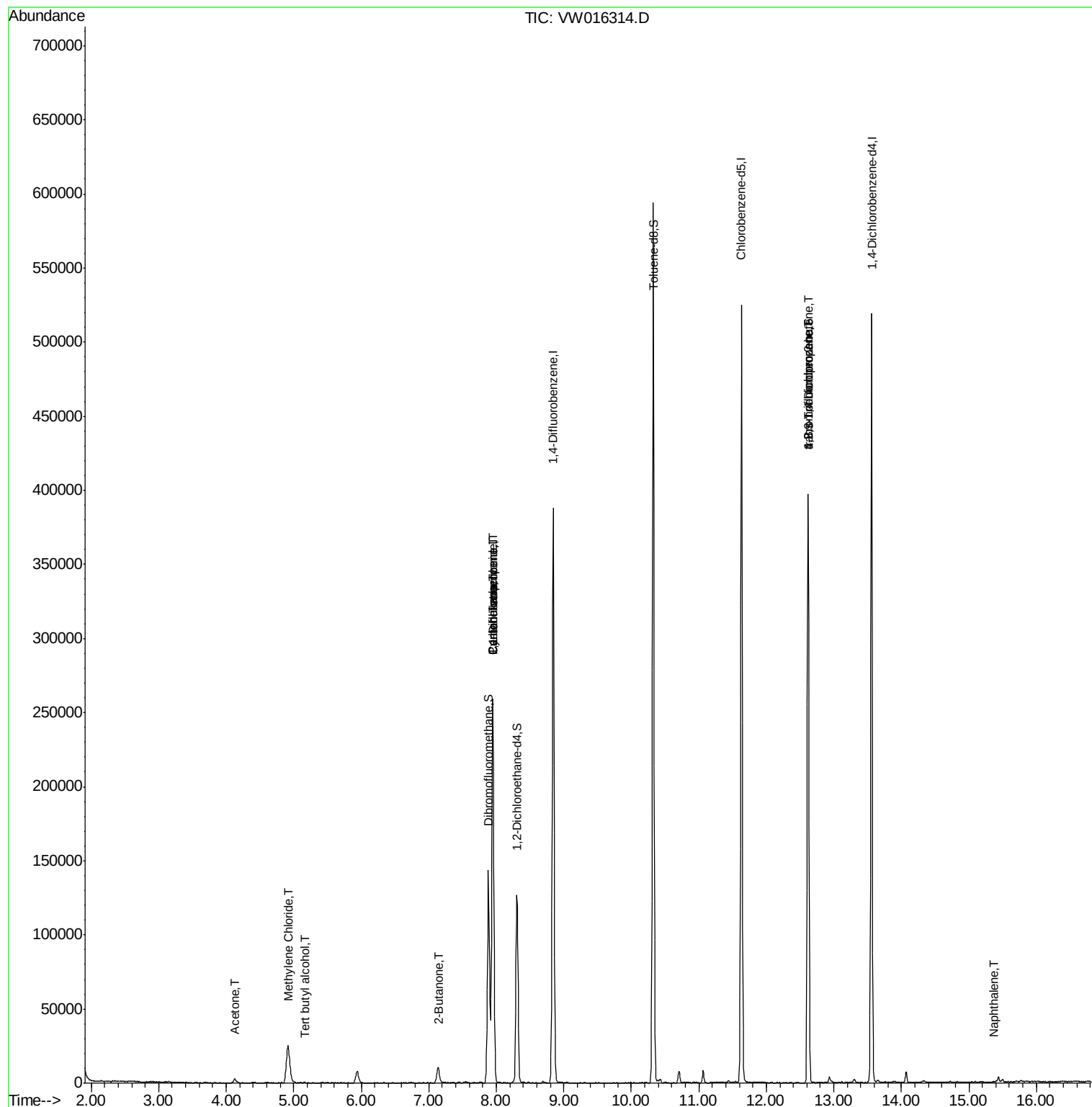
Quant Time: Aug 22 06:05:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

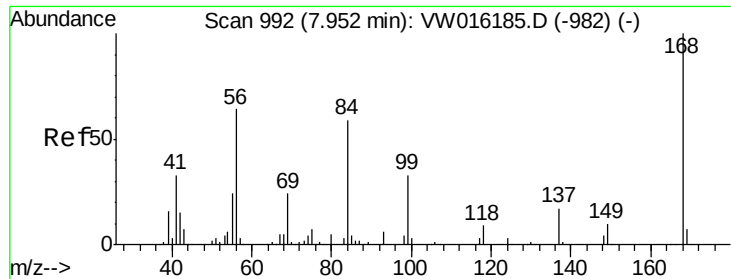
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	192513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	335926	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	305937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	138408	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	100209	53.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.76%	
35) Dibromofluoromethane	7.88	113	102608	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
50) Toluene-d8	10.32	98	398437	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.62	95	142223	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.16	59	237	2.372	ug/l #	70
16) Acetone	4.12	43	4868	13.535	ug/l	89
20) Methylene Chloride	4.91	84	24054	6.464	ug/l	88
25) 2-Butanone	7.15	43	574	1.191	ug/l #	44
31) Cyclohexane	7.95	56	3569	1.042	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	14697	4.441	ug/l #	48
38) Carbon Tetrachloride	7.95	117	20163	6.105	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	67945	53.378	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	67945	128.035	ug/l #	12
95) Naphthalene	15.36	128	227	3.619	ug/l #	69

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

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QLast Update : Mon Aug 17 08:01:41 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW016314.D

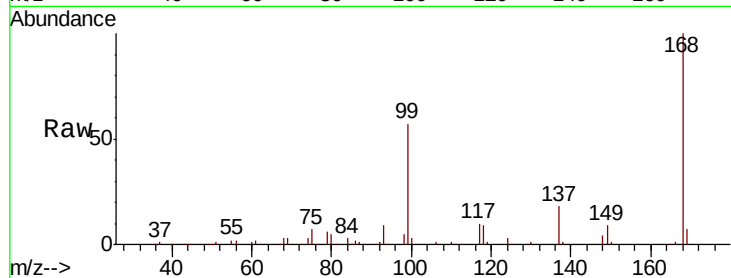
Acq: 21 Aug 2020 18:45

Tot Ion:168 Resp: 192513

Ion Ratio Lower Upper

168 100

99 57.2 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

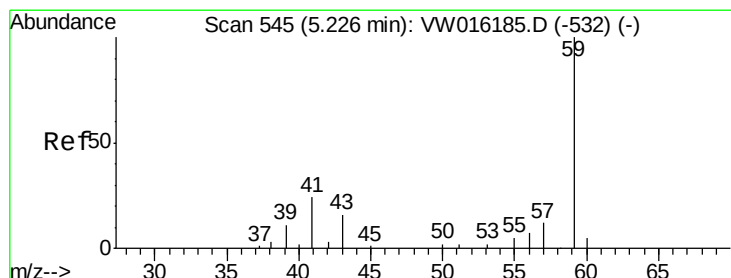
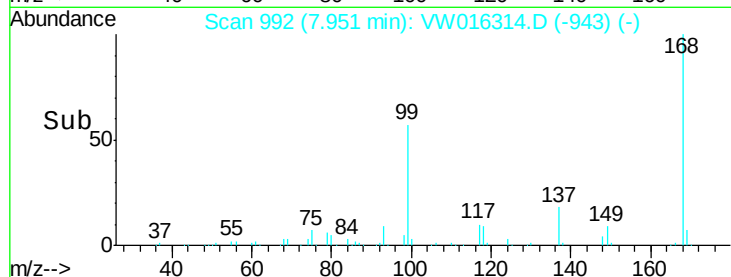
40000

20000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 2.372 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.07 min

Lab File: VW016314.D

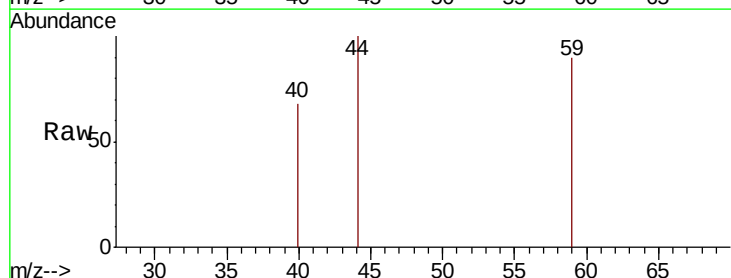
Acq: 21 Aug 2020 18:45

Tgt Ion: 59 Resp: 237

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.16

150

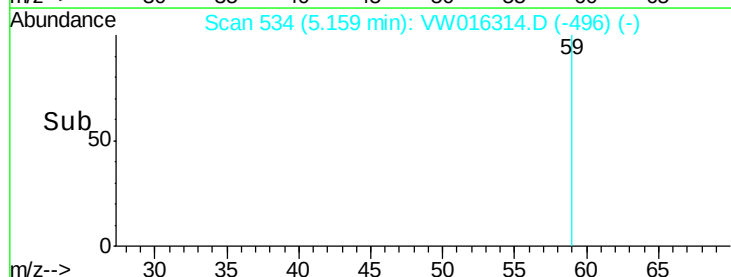
100

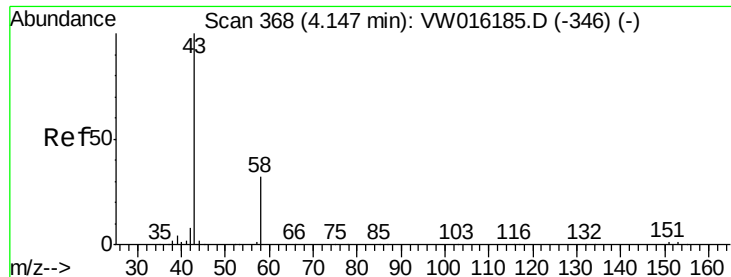
50

0

5.10 5.15 5.20

Time-->





#16

Acetone

Concen: 13.535 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW016314.D

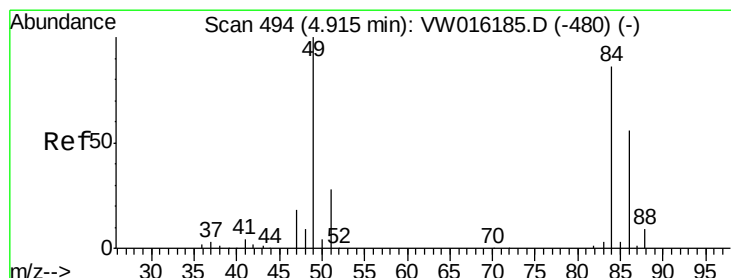
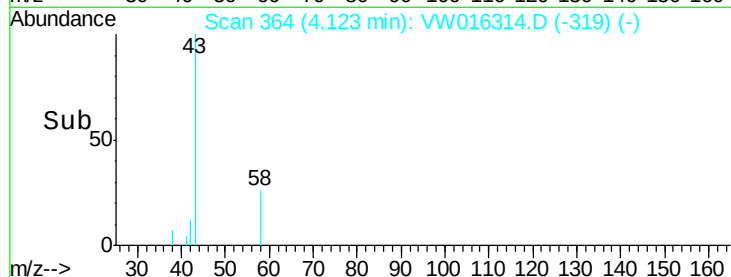
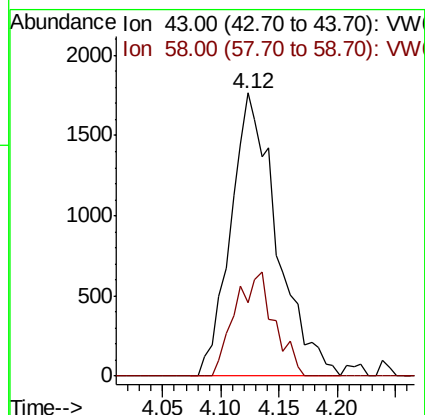
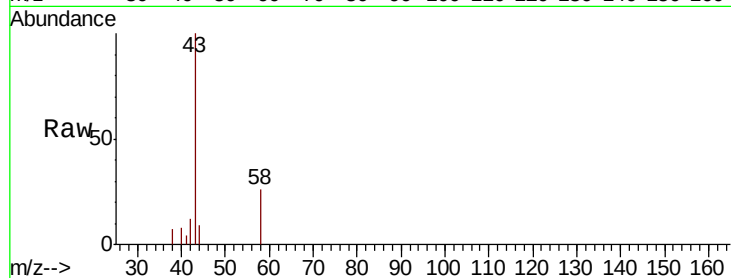
Acq: 21 Aug 2020 18:45

Tot Ion: 43 Resp: 4868

Ion Ratio Lower Upper

43 100

58 26.0 25.8 38.6



#20

Methylene Chloride

Concen: 6.464 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW016314.D

Acq: 21 Aug 2020 18:45

Tgt Ion: 84 Resp: 24054

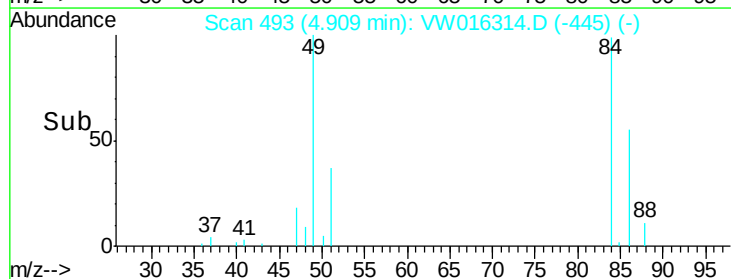
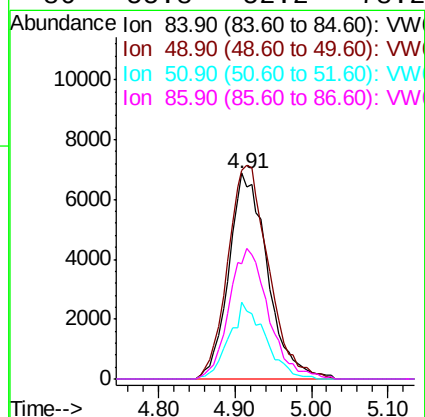
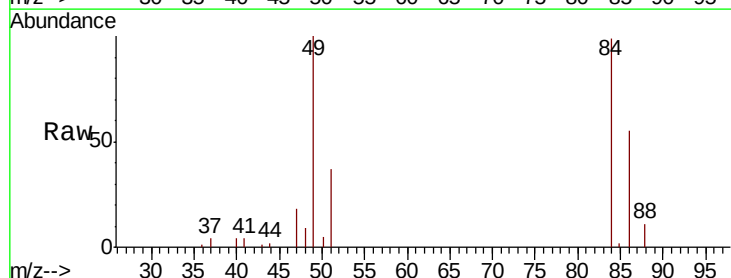
Ion Ratio Lower Upper

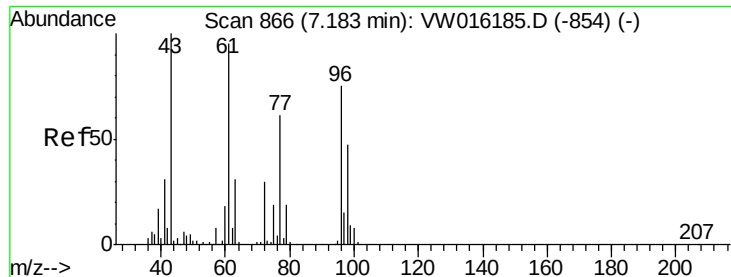
84 100

49 101.4 93.4 140.2

51 37.1 26.6 40.0

86 55.8 52.2 78.2





#25

2-Butanone

Concen: 1.191 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.03 min

Lab File: VW016314.D

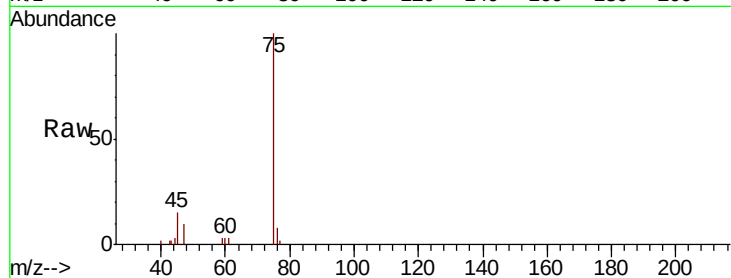
Acq: 21 Aug 2020 18:45

Tot Ion: 43 Resp: 574

Ion Ratio Lower Upper

43 100

72 0.0 24.2 36.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.15

250

200

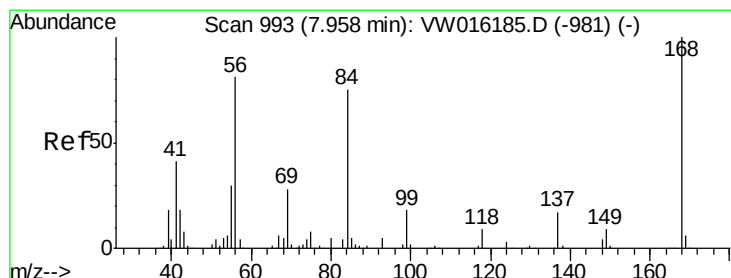
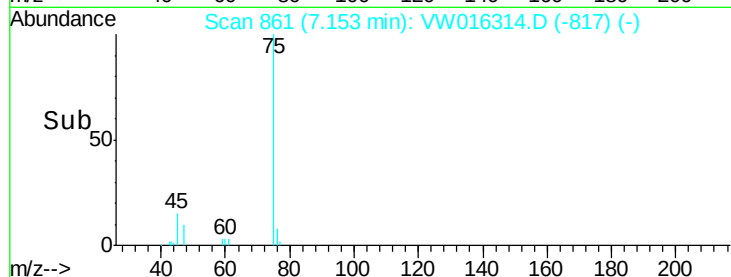
150

100

50

0

Time-->



#31

Cyclohexane

Concen: 1.042 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW016314.D

Acq: 21 Aug 2020 18:45

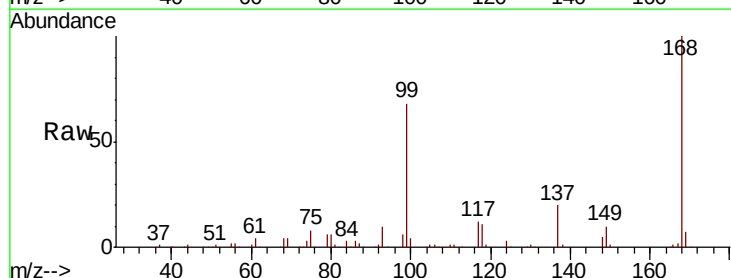
Tgt Ion: 56 Resp: 3569

Ion Ratio Lower Upper

56 100

69 208.2 27.3 40.9#

84 179.8 73.5 110.3#



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

4000

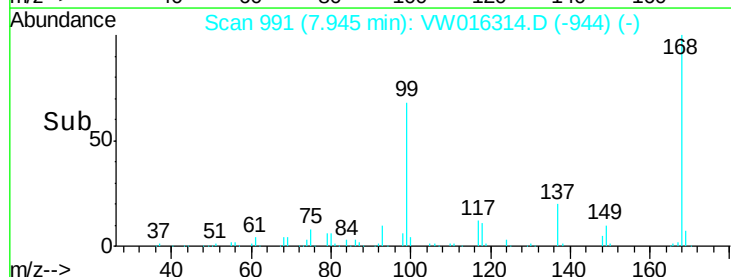
3000

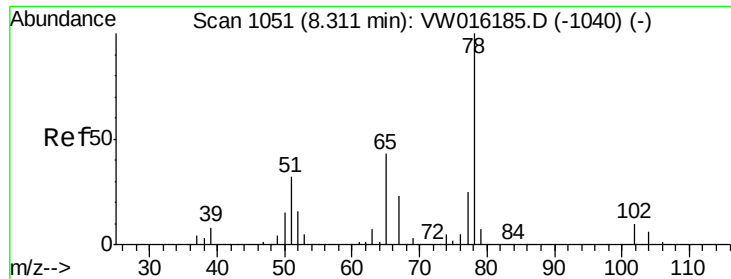
2000

1000

0

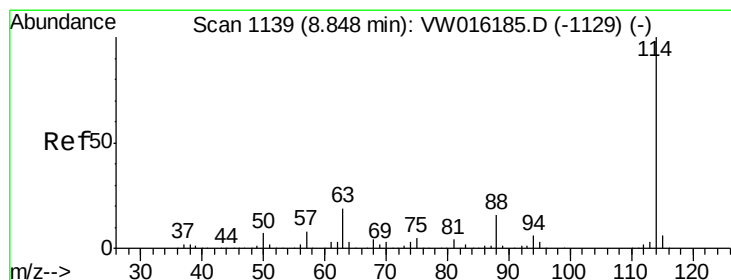
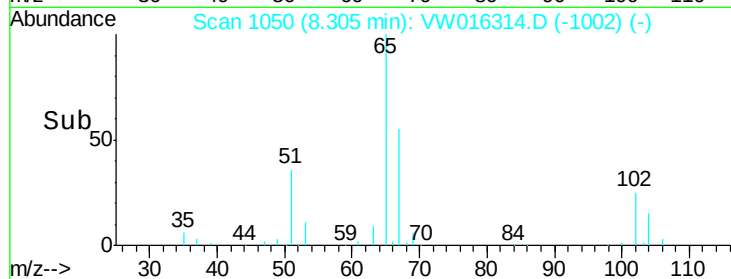
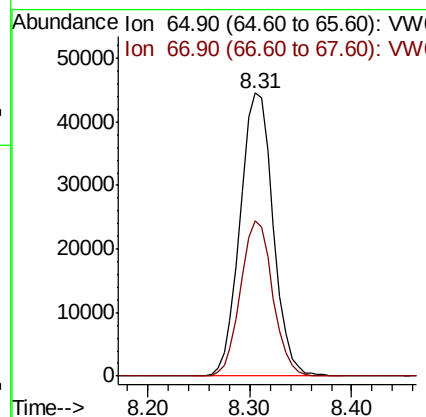
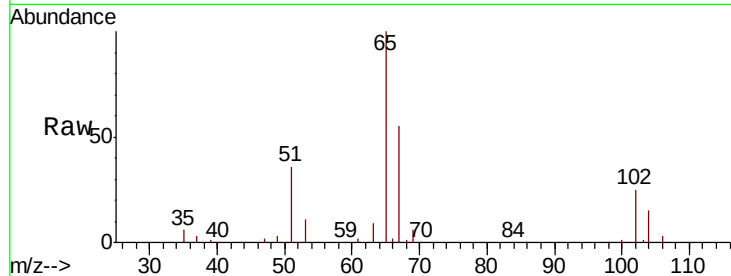
Time-->





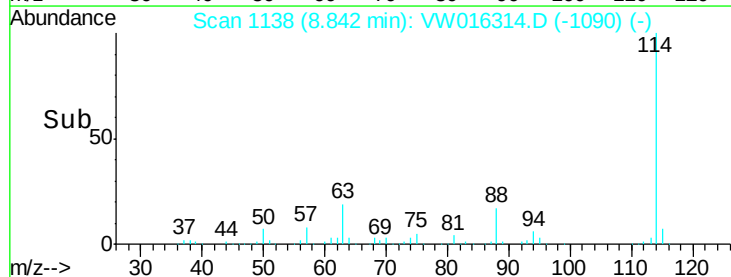
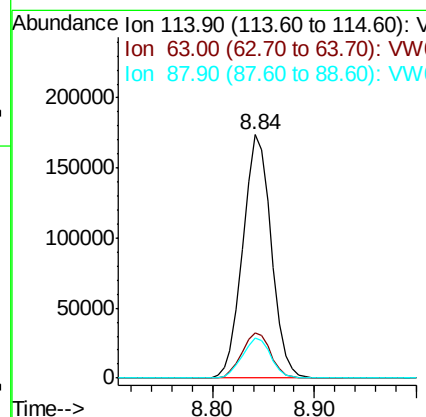
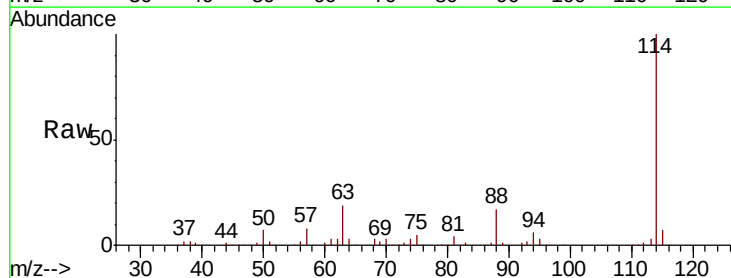
#33
 1,2-Dichloroethane-d4
 Concen: 53.377 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW016314.D
 Acq: 21 Aug 2020 18:45

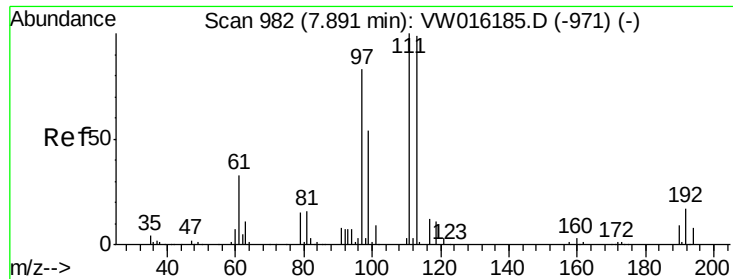
Tot Ion: 65 Resp: 100209
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW016314.D
 Acq: 21 Aug 2020 18:45

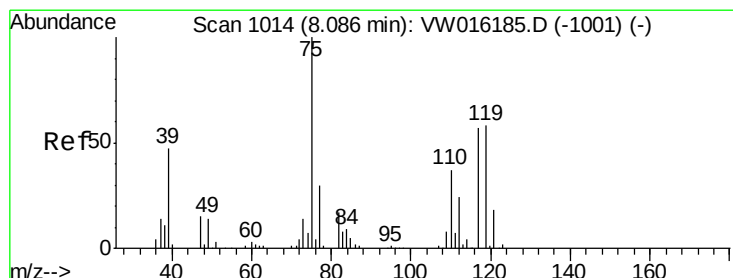
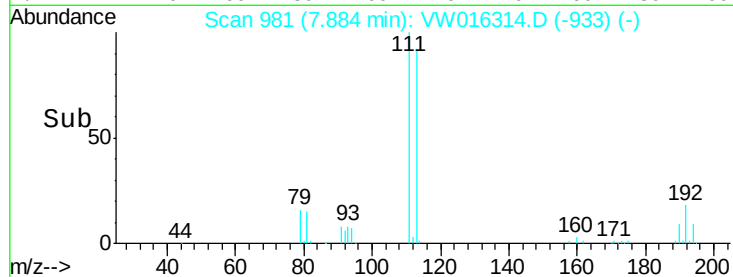
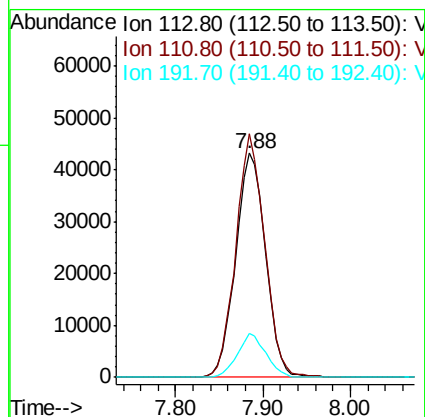
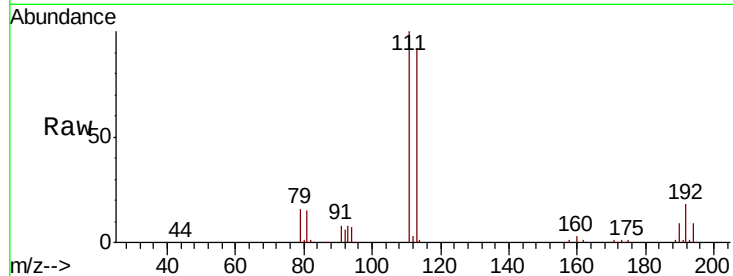
Tgt Ion: 114 Resp: 335926
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.4
 88 16.6 0.0 32.8





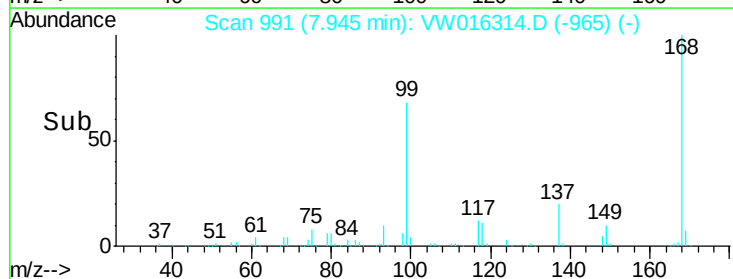
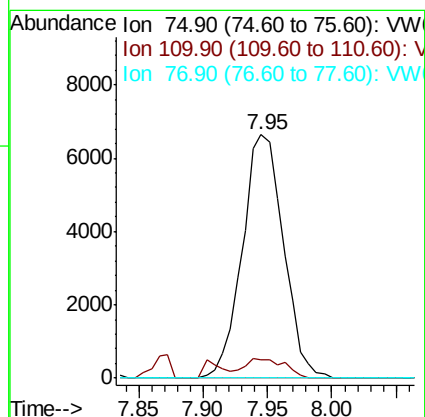
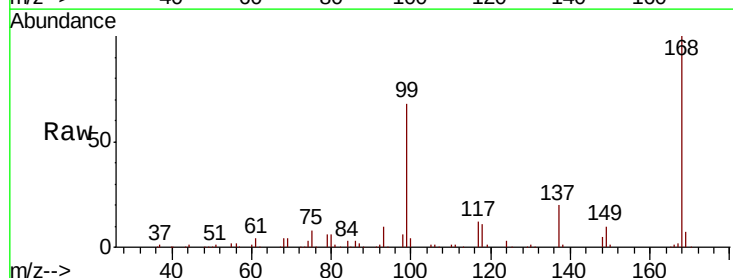
#35
 Dibromofluoromethane
 Concen: 49.505 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW016314.D
 Acq: 21 Aug 2020 18:45

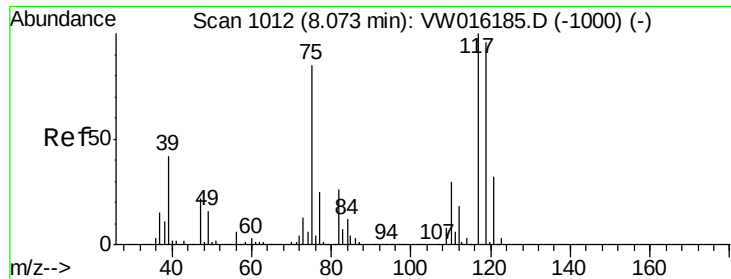
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.9	83.5	125.3
192	18.7	14.3	21.5



#36
 1,1-Dichloropropene
 Concen: 4.441 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW016314.D
 Acq: 21 Aug 2020 18:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.9	18.1	54.3#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 6.105 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW016314.D

Acq: 21 Aug 2020 18:45

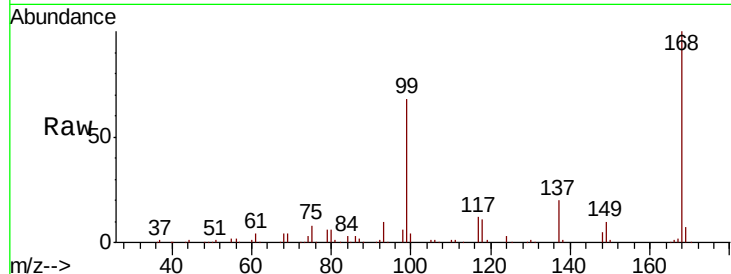
Tot Ion: 117 Resp: 20163

Ion Ratio Lower Upper

117 100

119 4.7 76.6 115.0#

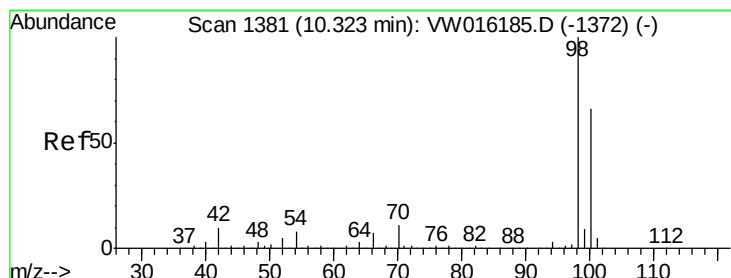
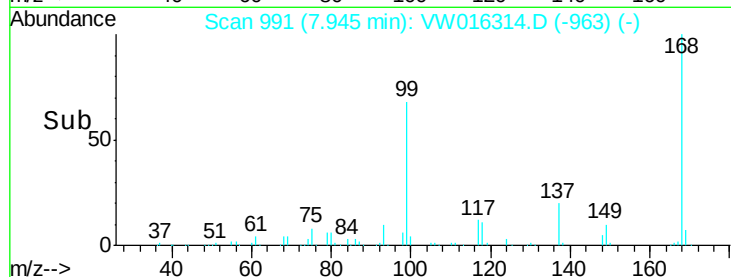
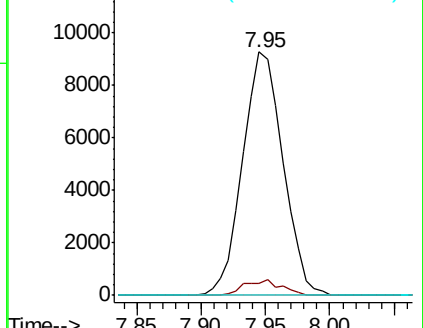
121 0.0 25.4 38.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 49.662 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW016314.D

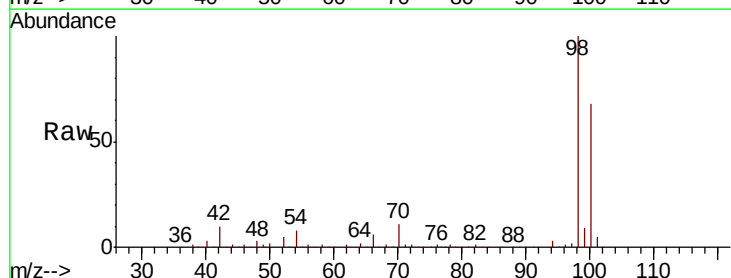
Acq: 21 Aug 2020 18:45

Tgt Ion: 98 Resp: 398437

Ion Ratio Lower Upper

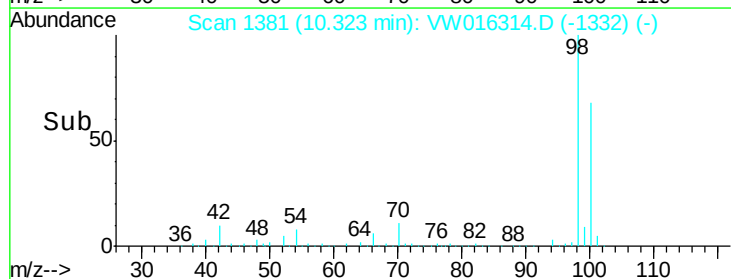
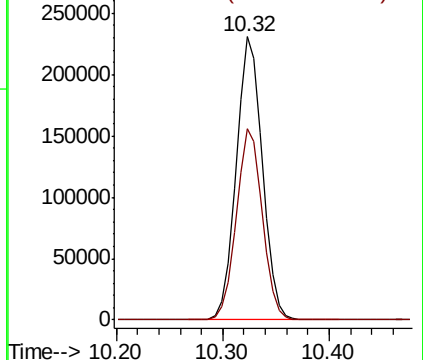
98 100

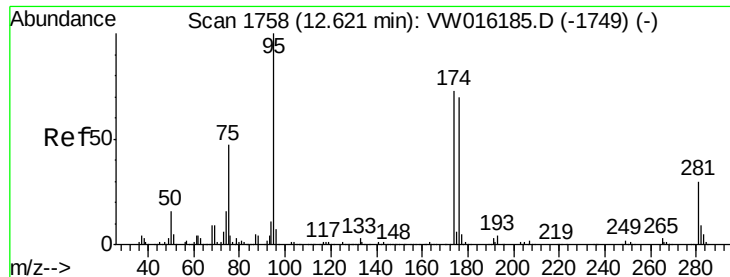
100 67.2 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VW

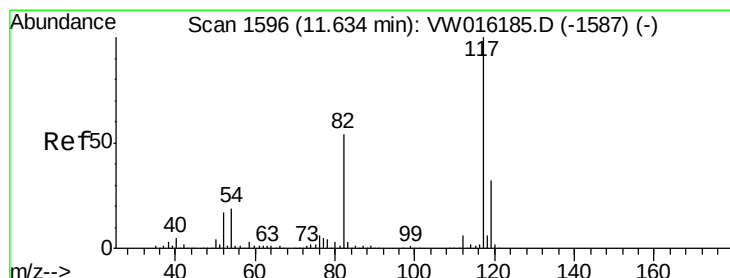
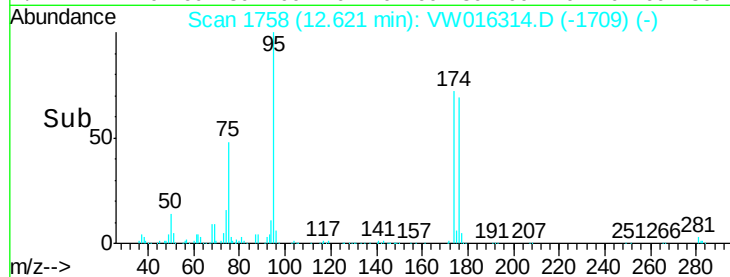
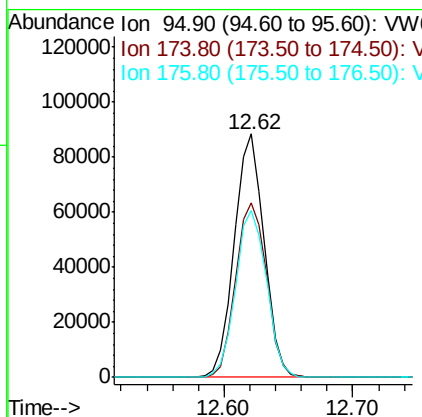
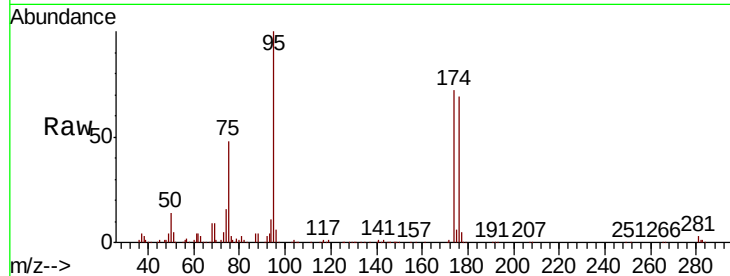
Ion 100.00 (99.70 to 100.70): VW





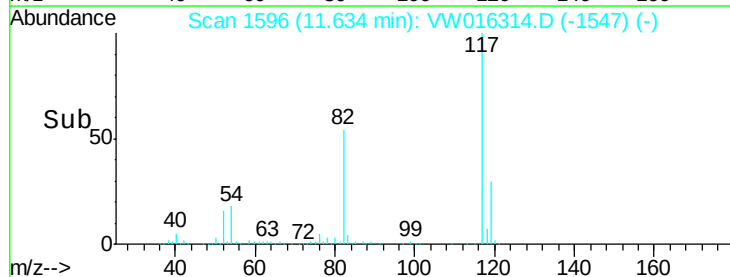
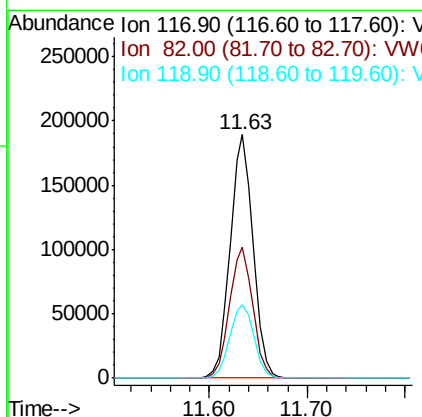
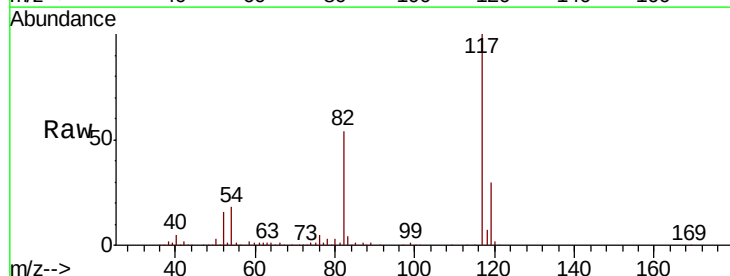
#62
4-Bromofluorobenzene
Concen: 49.592 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW016314.D
Acq: 21 Aug 2020 18:45

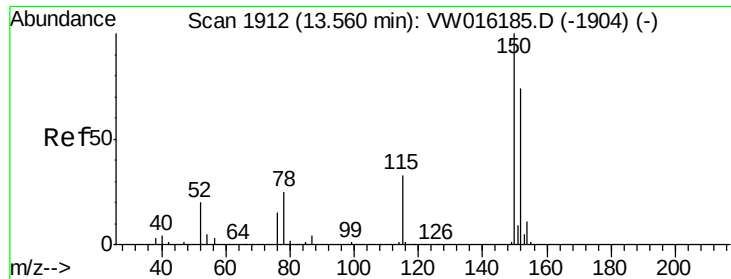
Tot Ion	95	Resp	142223
Ion Ratio	100		
Lower			
Upper			
174	74.2	0.0	145.6
176	70.9	0.0	137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW016314.D
Acq: 21 Aug 2020 18:45

Tgt Ion	117	Resp	305937
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
82	53.8	43.6	65.4
119	30.3	25.4	38.0

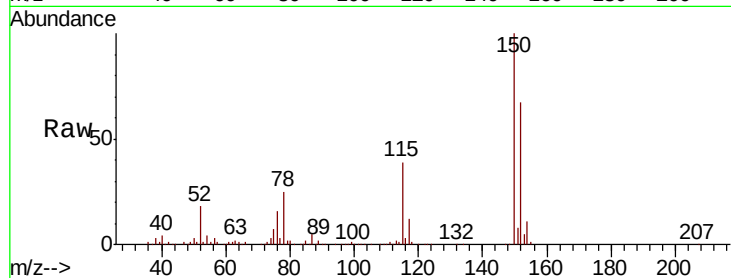




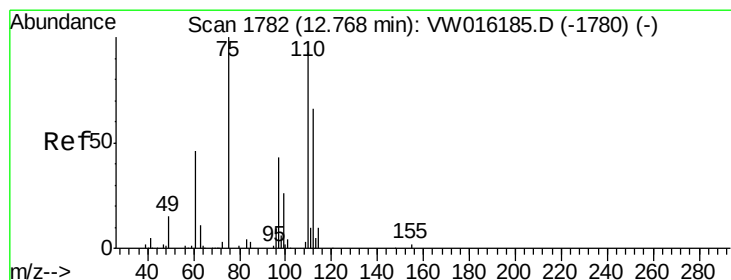
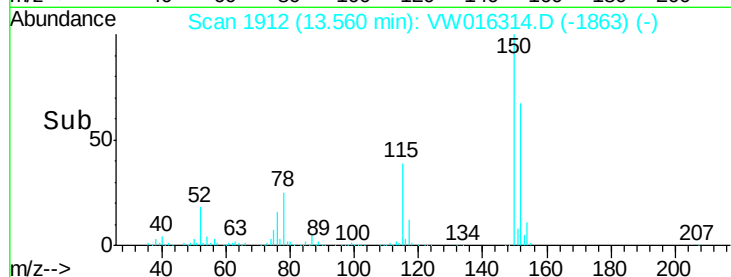
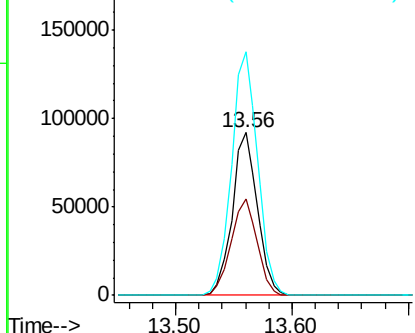
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW016314.D
Acq: 21 Aug 2020 18:45

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.5	30.9	92.5
150	155.2	0.0	337.8



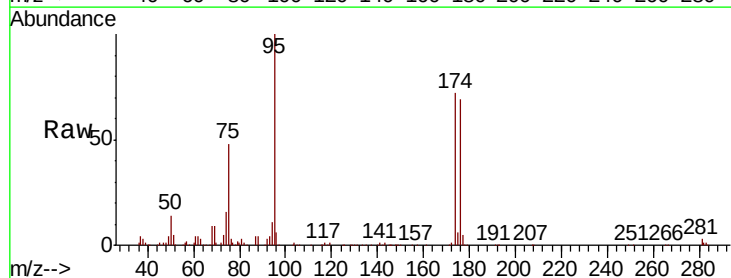
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



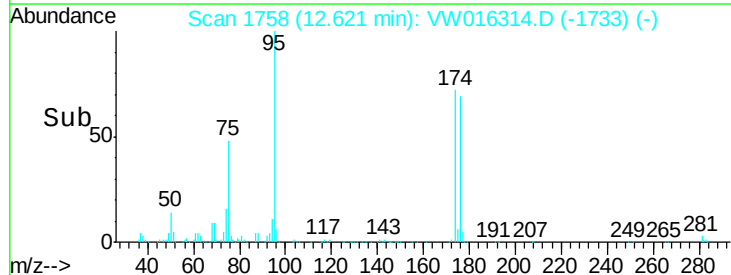
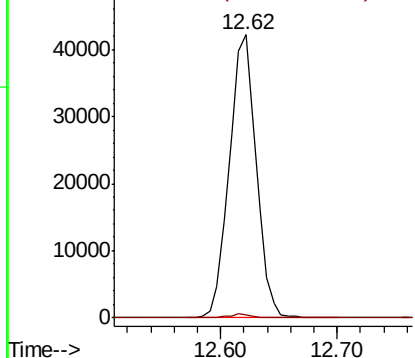
#76

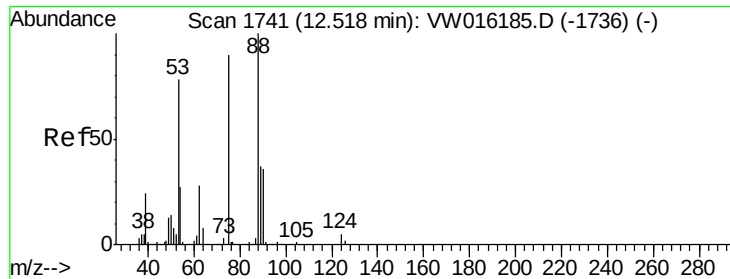
1,2,3-Trichloropropane
Concen: 53.378 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW016314.D
Acq: 21 Aug 2020 18:45

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	173.6	520.6#



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: 128.035 ug/l

RT: 12.62 min Scan# 1758

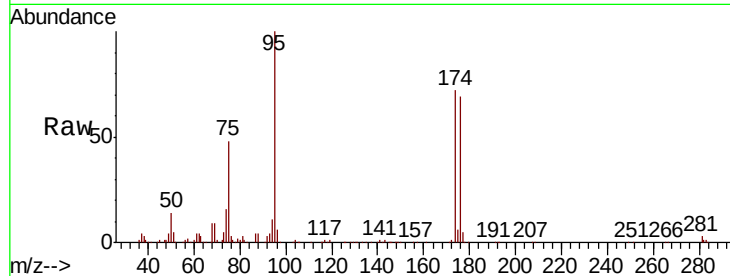
Delta R.T. 0.10 min

Lab File: VW016314.D

Acq: 21 Aug 2020 18:45

Tot Ion: 75 Resp: 67945

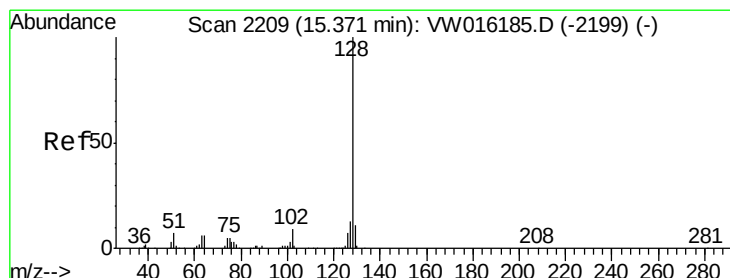
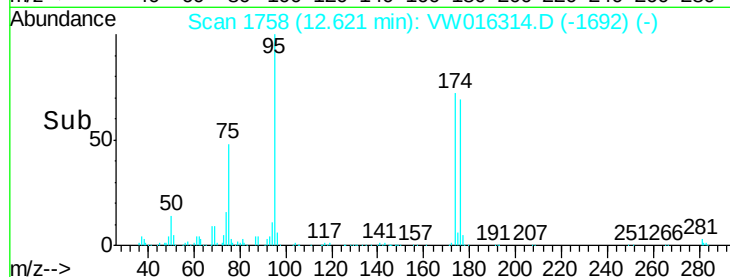
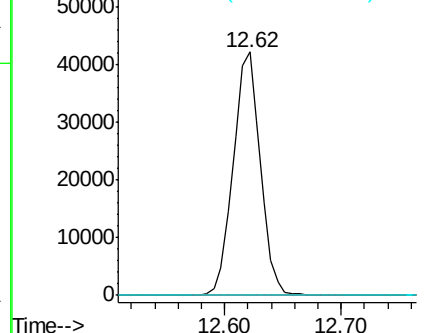
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.6	111.8#
89	0.0	37.2	55.8#



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: 3.619 ug/l

RT: 15.36 min Scan# 2208

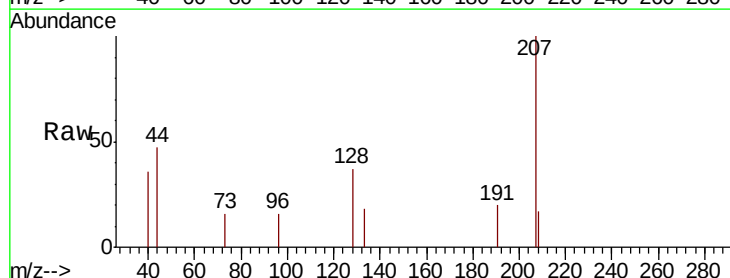
Delta R.T. -0.01 min

Lab File: VW016314.D

Acq: 21 Aug 2020 18:45

Tgt Ion: 128 Resp: 227

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
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

