

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082220\
 Data File : VW016315.D
 Acq On : 21 Aug 2020 19:10
 Operator : SY/VA
 Sample : L3729-05
 Misc : 4.14G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 22 06:05:31 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	187202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	328558	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	300334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	127707	50.00	ug/l	0.00

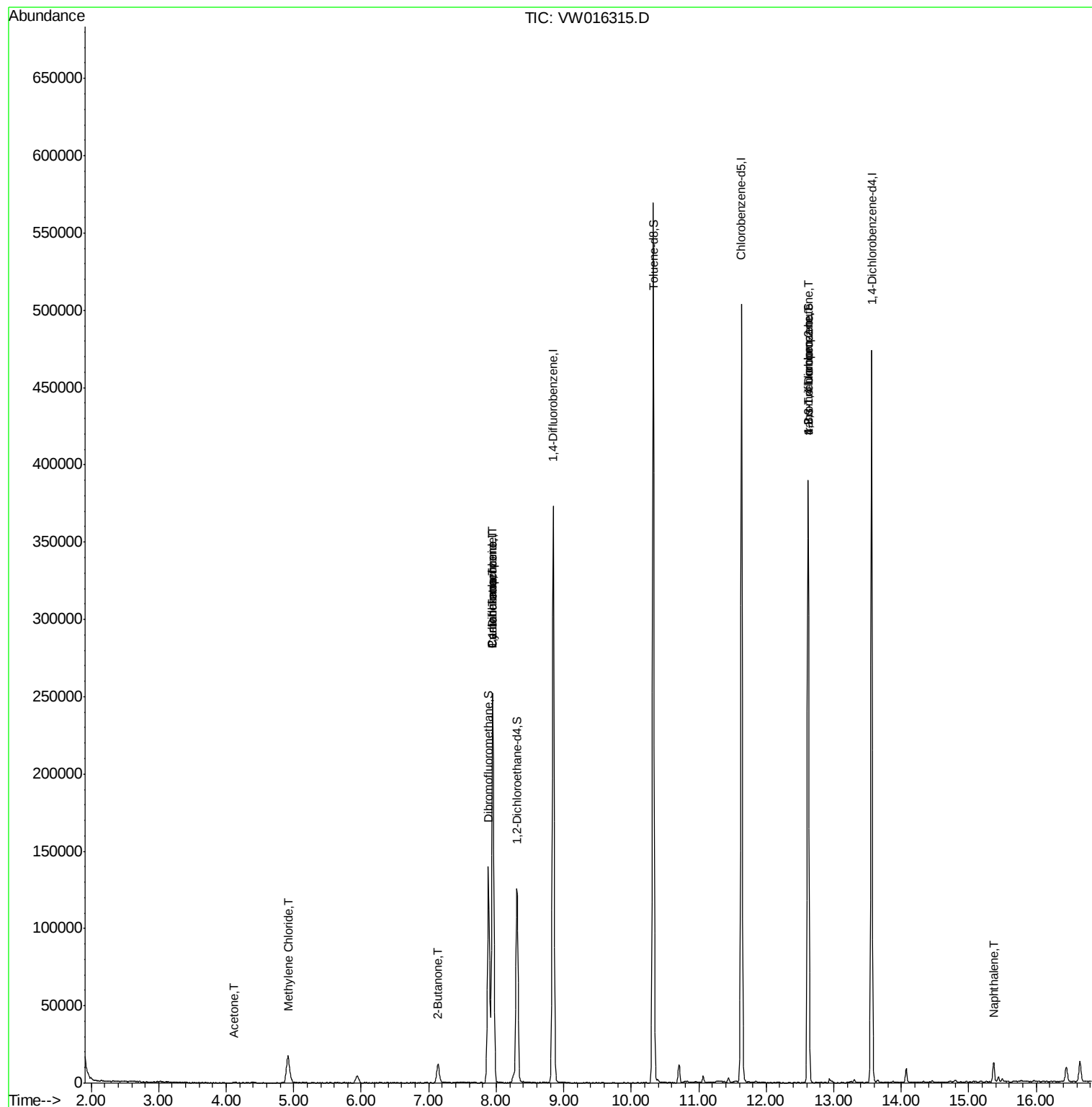
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	100412	55.00	ug/l	0.00
Spiked Amount			Recovery	=	110.00%	
35) Dibromofluoromethane	7.88	113	100703	49.68	ug/l	0.00
Spiked Amount			Recovery	=	99.36%	
50) Toluene-d8	10.32	98	389616	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.62	95	135109	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	

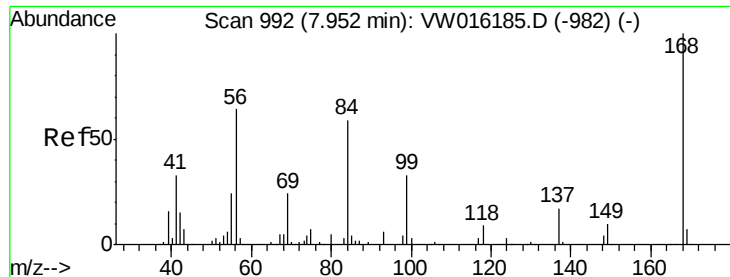
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	584	1.670	ug/l #	42
20) Methylene Chloride	4.92	84	15679	2.525	ug/l	97
25) 2-Butanone	7.14	43	504	1.075	ug/l	94
31) Cyclohexane	7.95	56	3644	1.094	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	14213	4.391	ug/l #	51
38) Carbon Tetrachloride	7.95	117	19581	6.062	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	66366	56.506	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	66366	135.538	ug/l #	12
95) Naphthalene	15.36	128	11737	5.896	ug/l	99

(#) = 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. -0.01 min

Lab File: VW016315.D

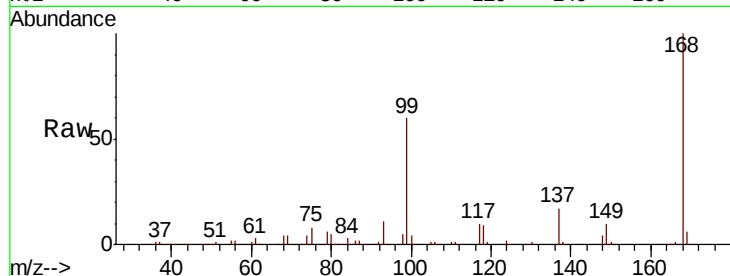
Acq: 21 Aug 2020 19:10

Tot Ion:168 Resp: 187202

Ion Ratio Lower Upper

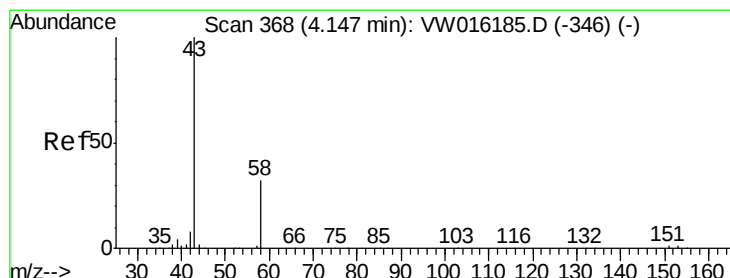
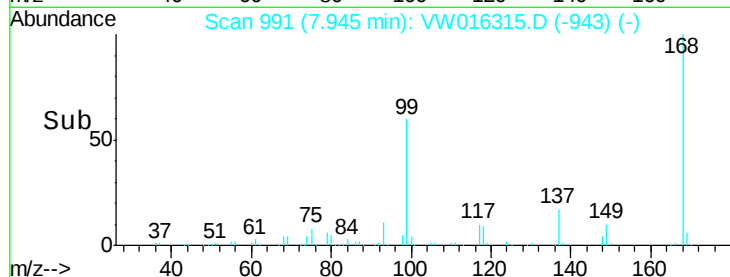
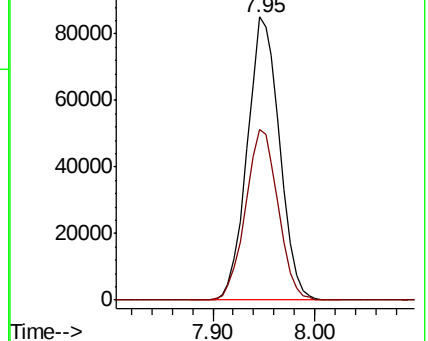
168 100

99 60.4 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 1.670 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.03 min

Lab File: VW016315.D

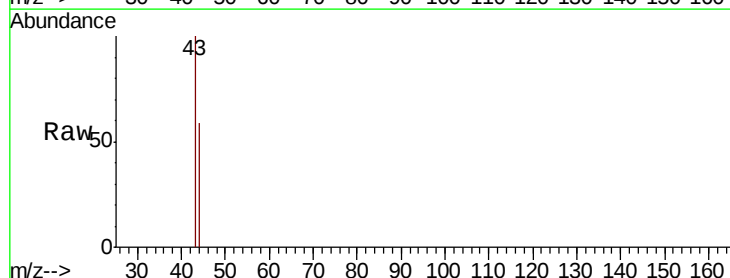
Acq: 21 Aug 2020 19:10

Tgt Ion: 43 Resp: 584

Ion Ratio Lower Upper

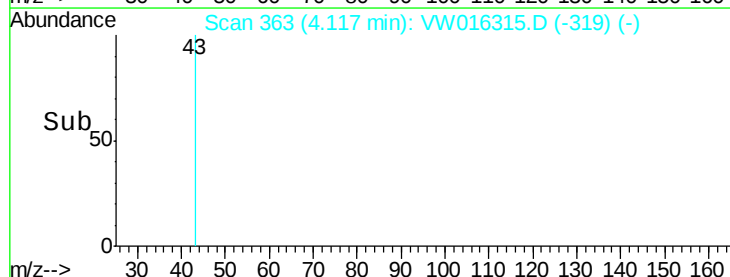
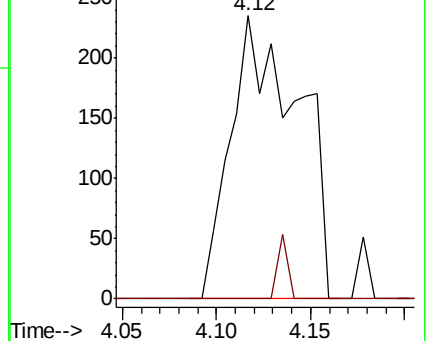
43 100

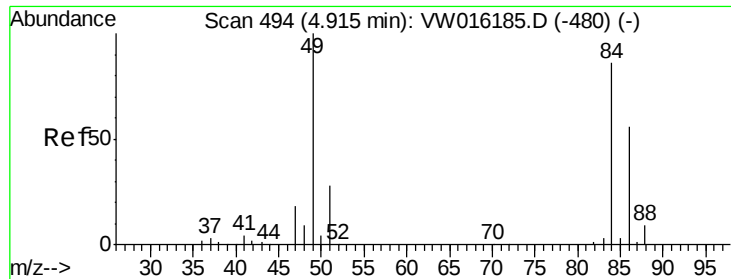
58 0.0 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

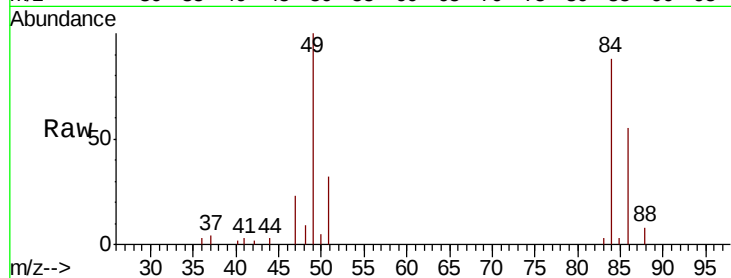
Ion 58.00 (57.70 to 58.70): VW



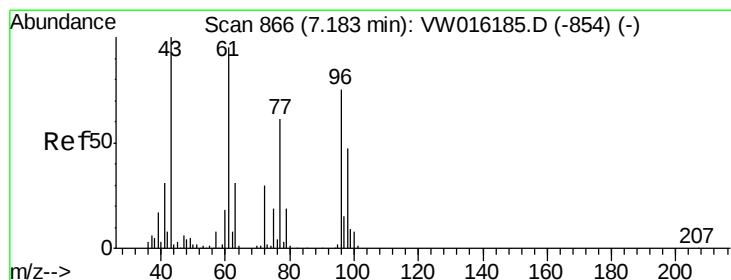
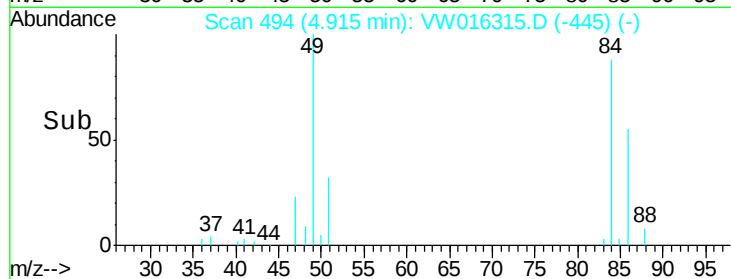
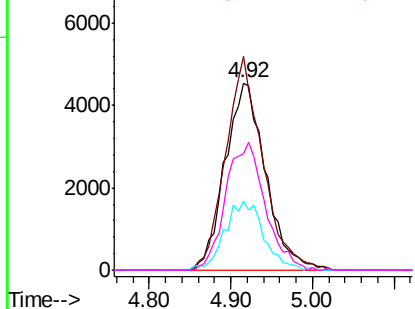


#20
Methvlene Chloride
Concen: 2.525 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW016315.D
Acq: 21 Aug 2020 19:10

Tot Ion:	84	Resp:	15679
Ion	Ratio	Lower	Upper
84	100		
49	113.9	93.4	140.2
51	36.8	26.6	40.0
86	62.3	52.2	78.2

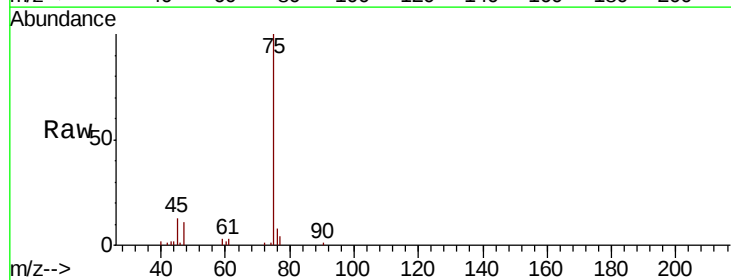


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

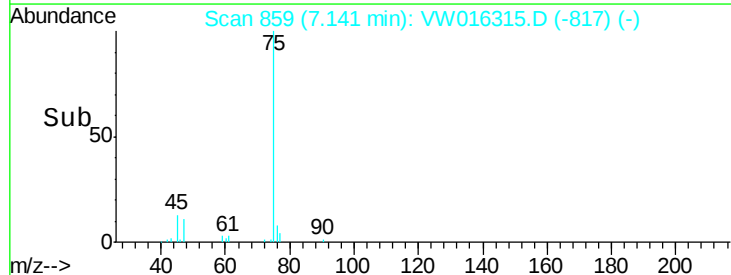
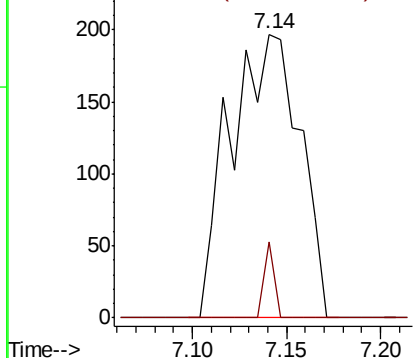


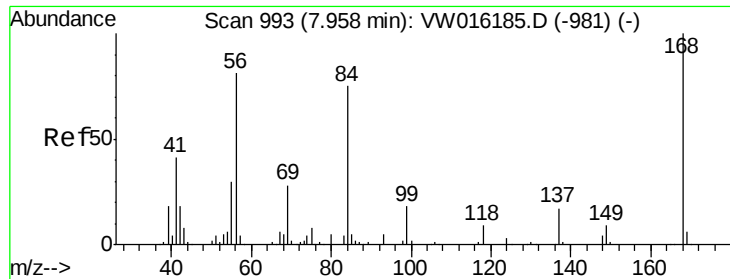
#25
2-Butanone
Concen: 1.075 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.04 min
Lab File: VW016315.D
Acq: 21 Aug 2020 19:10

Tgt Ion:	43	Resp:	504
Ion	Ratio	Lower	Upper
43	100		
72	26.9	24.2	36.2



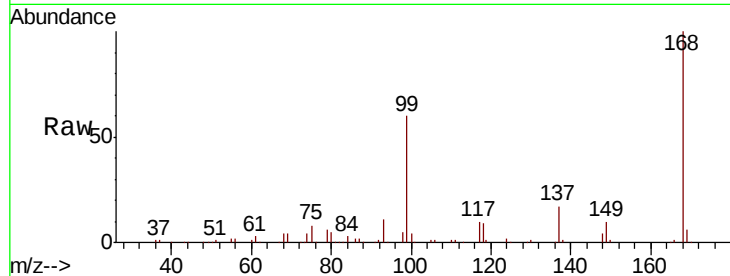
Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



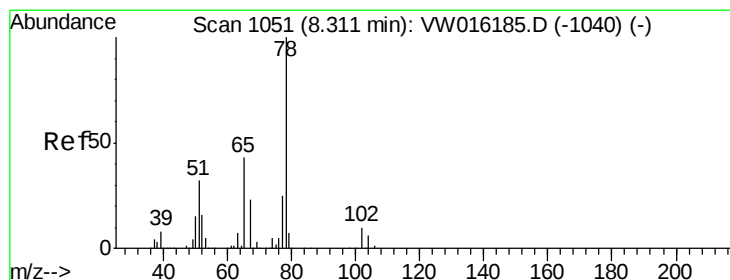
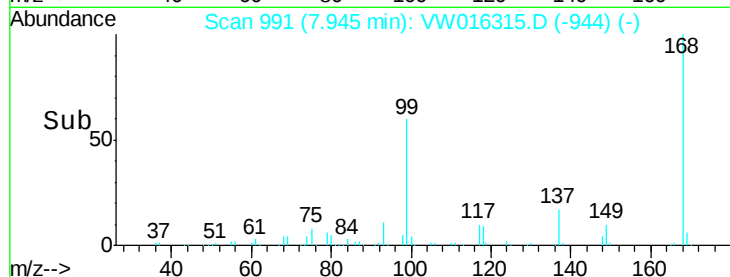
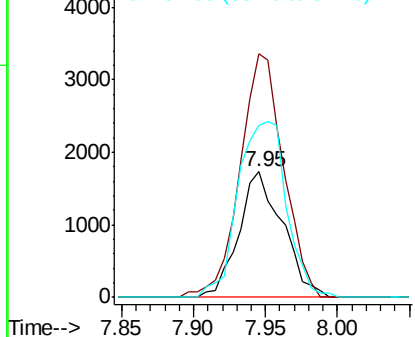


#31
Cyclohexane
Concen: 1.094 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW016315.D
Acq: 21 Aug 2020 19:10

Tot Ion: 56 Resp: 3644
Ion Ratio Lower Upper
56 100
69 194.3 27.3 40.9#
84 137.6 73.5 110.3#

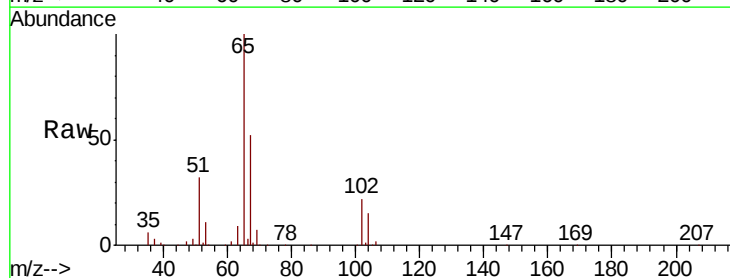


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

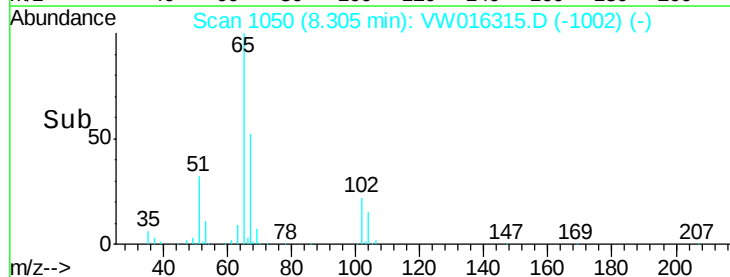
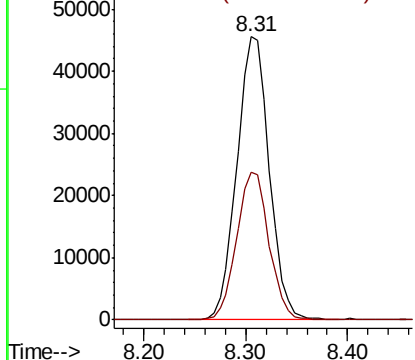


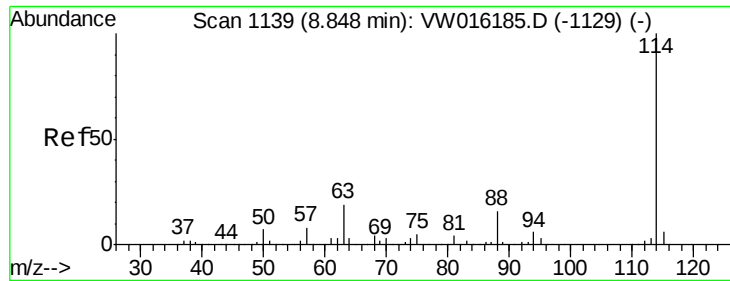
#33
1,2-Dichloroethane-d4
Concen: 55.002 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW016315.D
Acq: 21 Aug 2020 19:10

Tgt Ion: 65 Resp: 100412
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.6



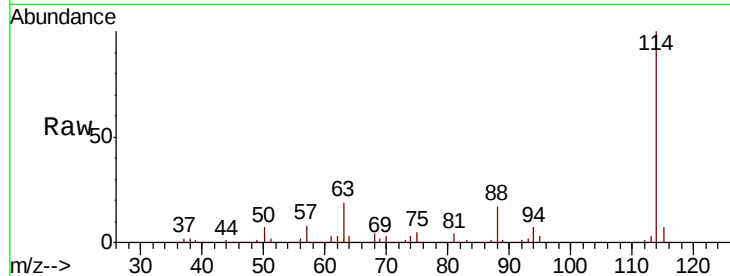
Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW



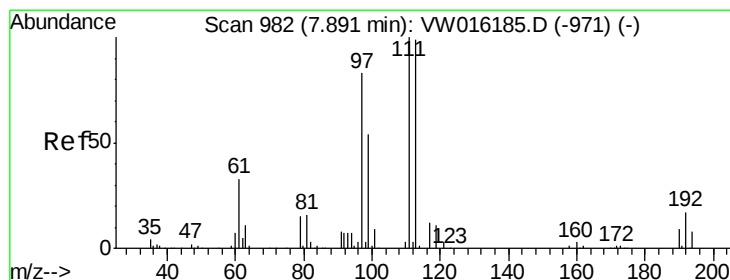
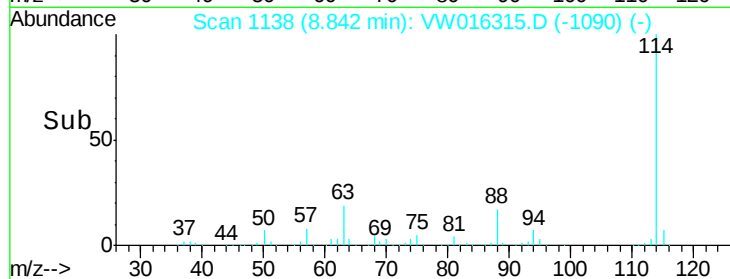
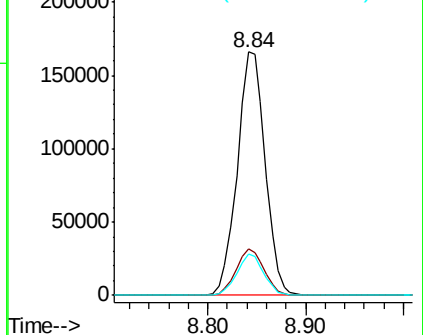


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VW016315.D
Acq: 21 Aug 2020 19:10

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.4
88	17.2	0.0	32.8

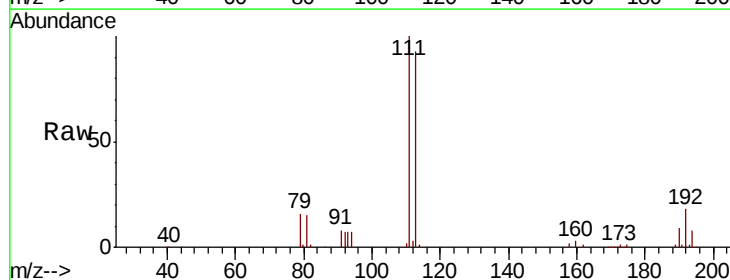


Abundance Ion 113.90 (113.60 to 114.60): V

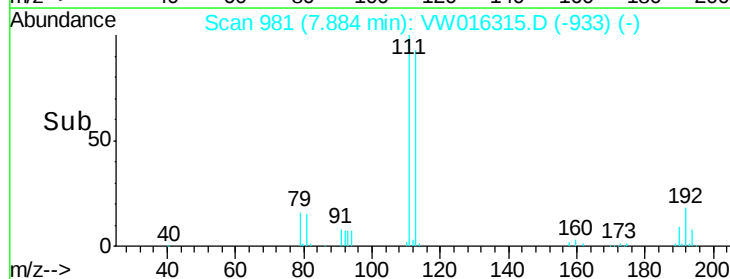
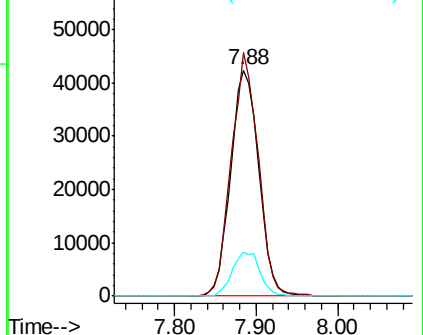


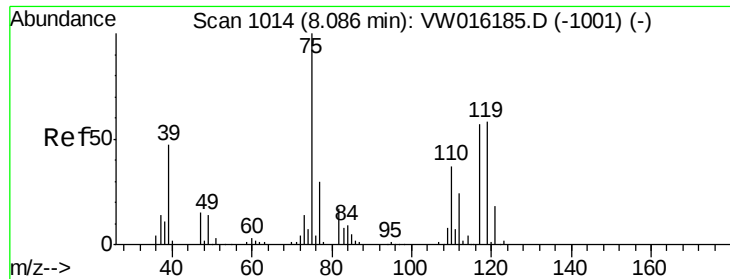
#35
Dibromofluoromethane
Concen: 49.675 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW016315.D
Acq: 21 Aug 2020 19:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.5	125.3
192	19.2	14.3	21.5



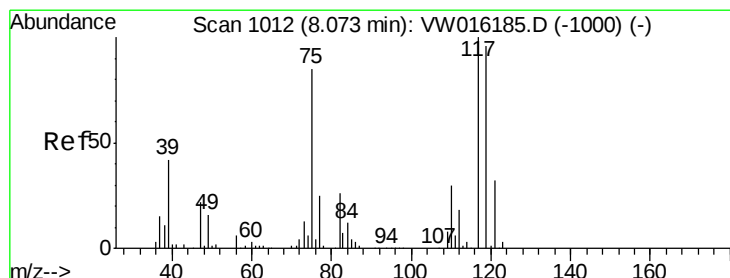
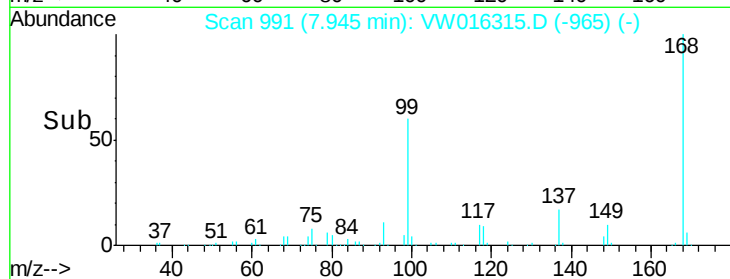
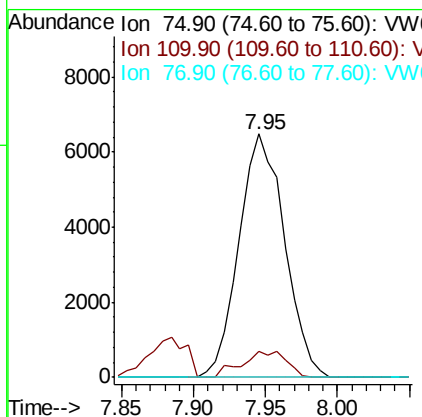
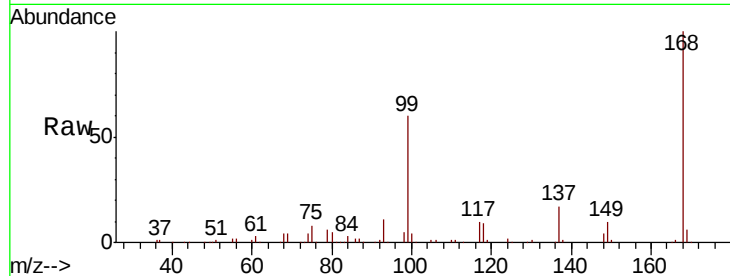
Abundance Ion 112.80 (112.50 to 113.50): V





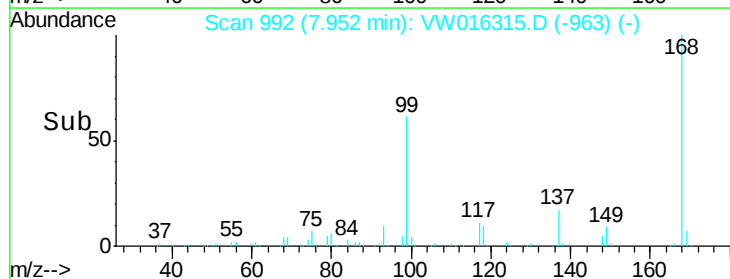
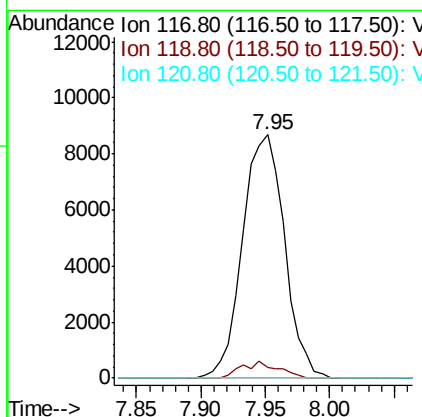
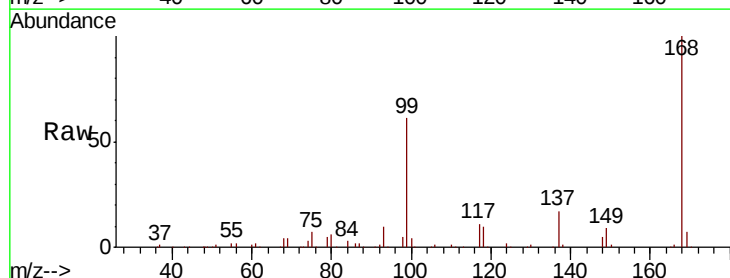
#36
 1,1-Dichloropropene
 Concen: 4.391 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW016315.D
 Acq: 21 Aug 2020 19:10

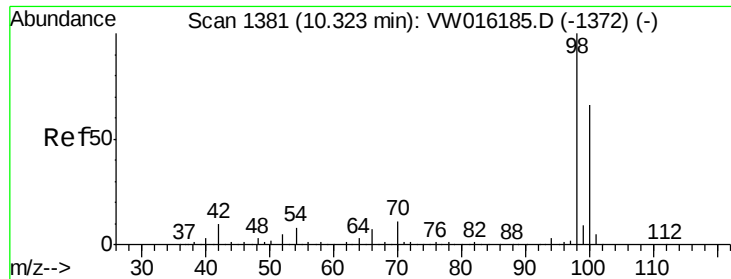
Tot Ion	75	Resp	14213
Ion Ratio	100	Lower	Upper
75	100		
110	10.6	18.1	54.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.062 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW016315.D
 Acq: 21 Aug 2020 19:10

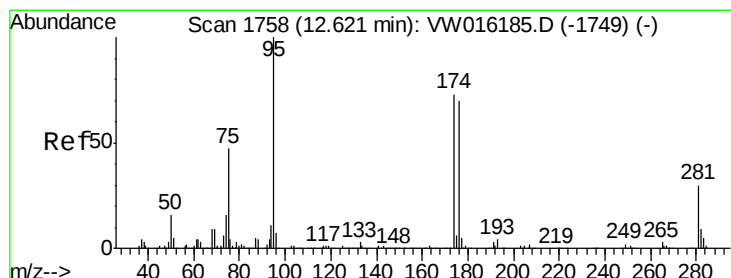
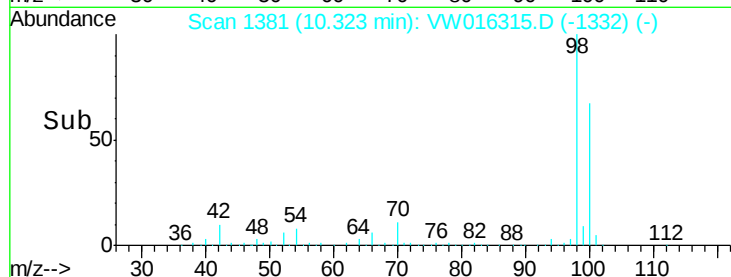
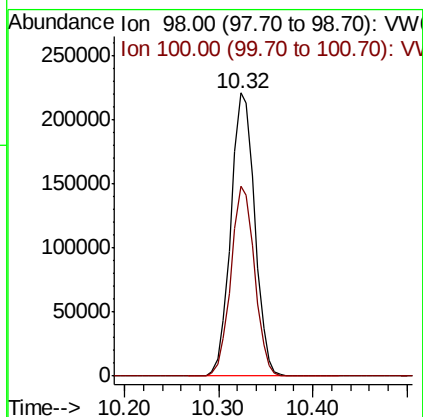
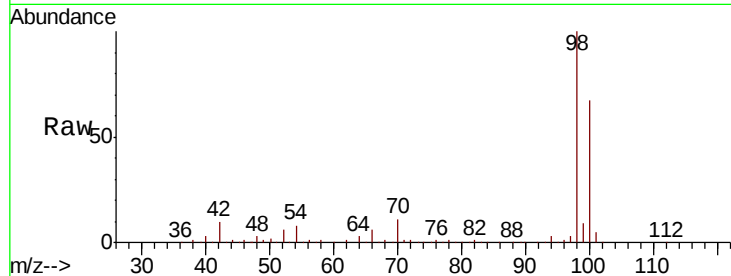
Tgt Ion	117	Resp	19581
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	4.5	76.6	115.0#
121	0.0	25.4	38.0#





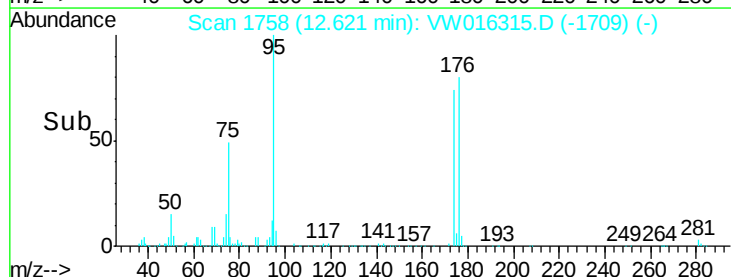
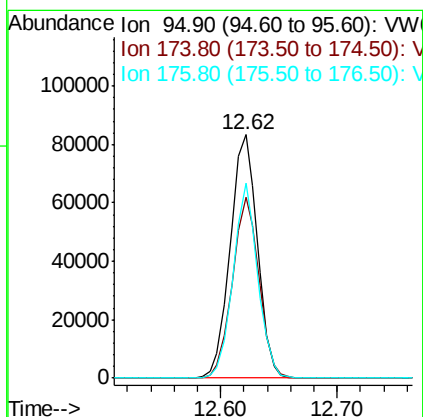
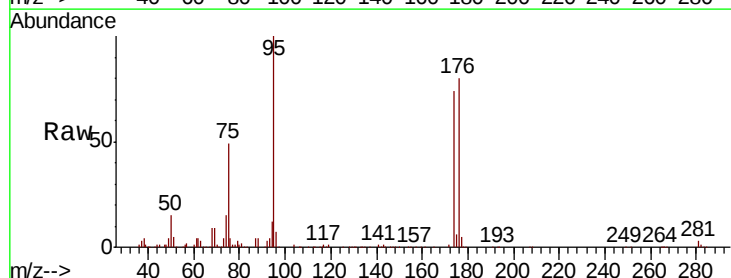
#50
Toluene-d8
Concen: 49.651 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW016315.D
Acq: 21 Aug 2020 19:10

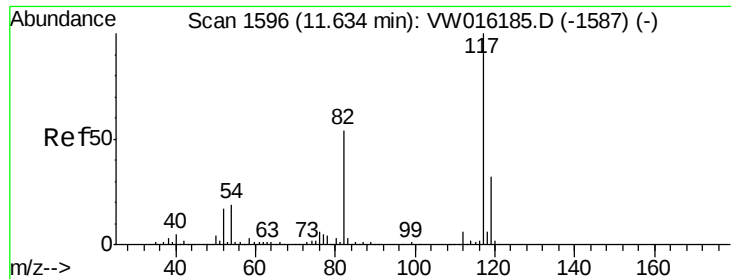
Tot Ion: 98 Resp: 389616
Ion Ratio Lower Upper
98 100
100 66.2 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 48.168 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW016315.D
Acq: 21 Aug 2020 19:10

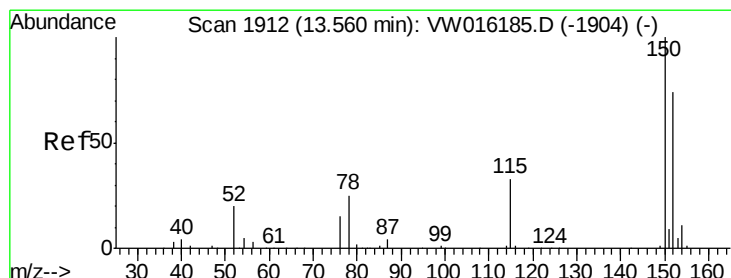
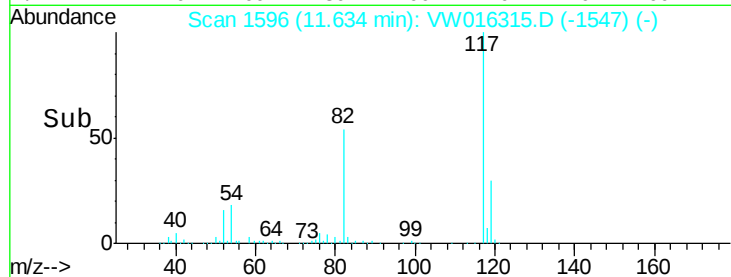
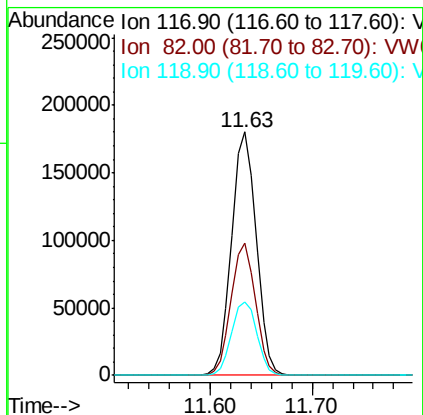
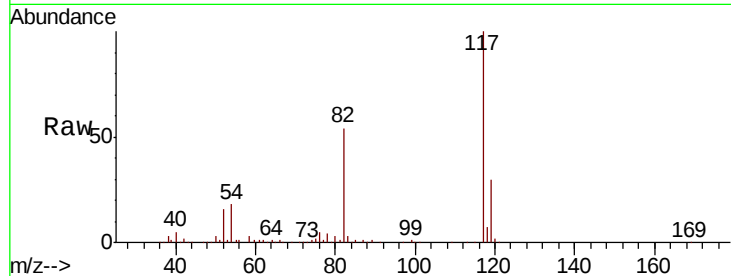
Tgt Ion: 95 Resp: 135109
Ion Ratio Lower Upper
95 100
174 73.1 0.0 145.6
176 72.9 0.0 137.8





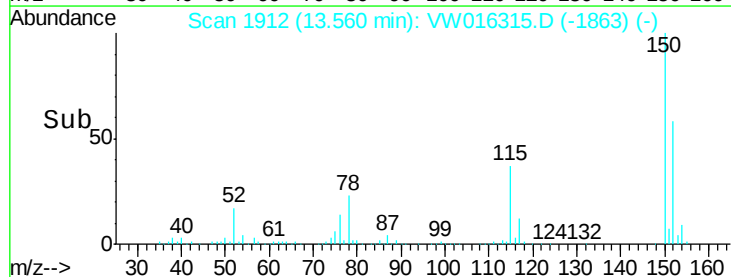
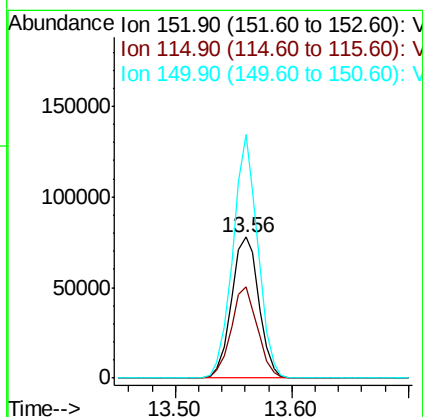
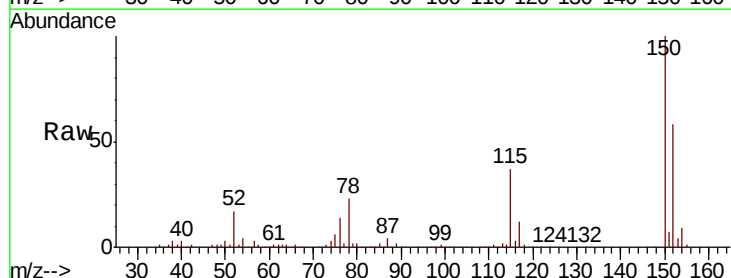
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016315.D
Acq: 21 Aug 2020 19:10

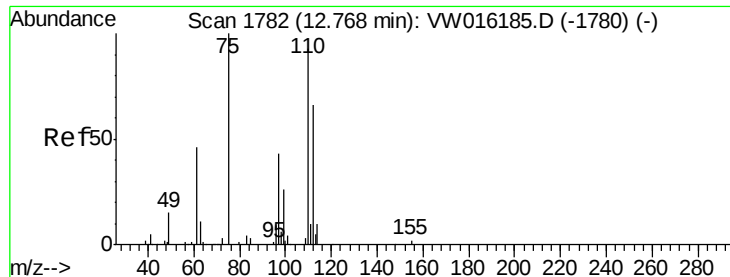
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.6	65.4
119	29.9	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW016315.D
Acq: 21 Aug 2020 19:10

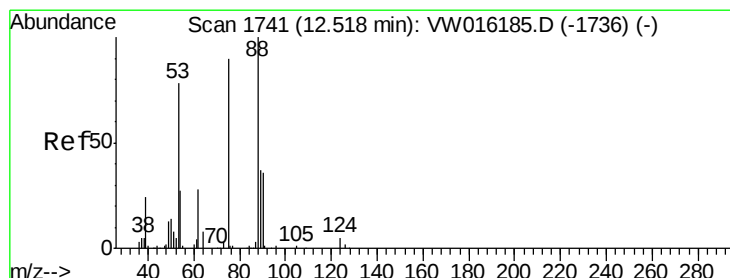
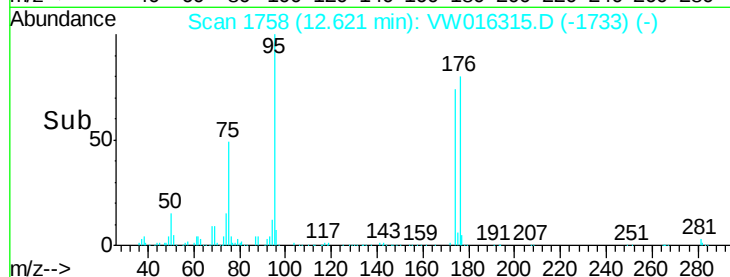
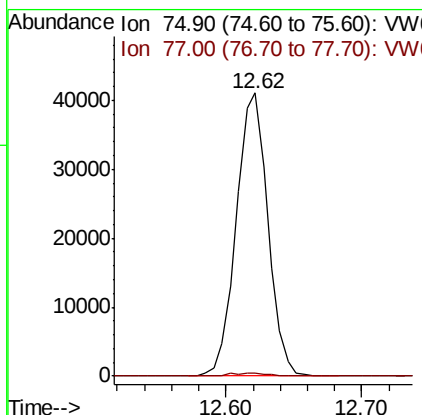
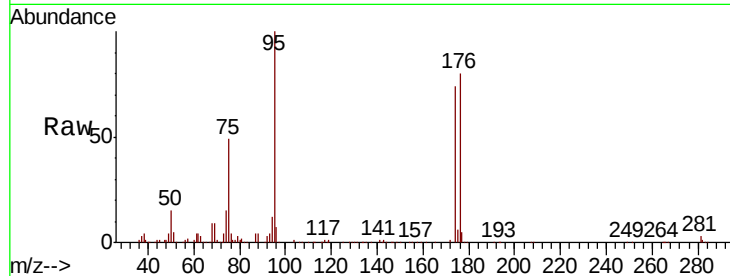
Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.3	30.9	92.5
150	156.7	0.0	337.8





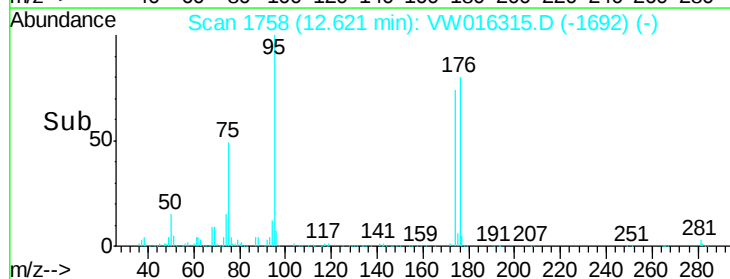
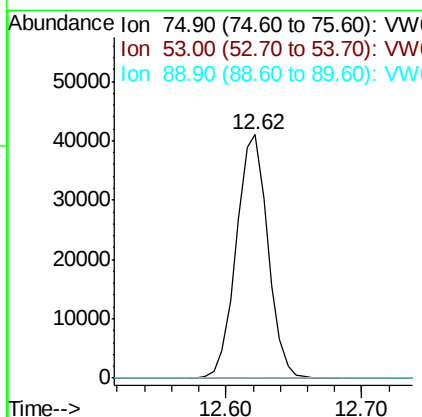
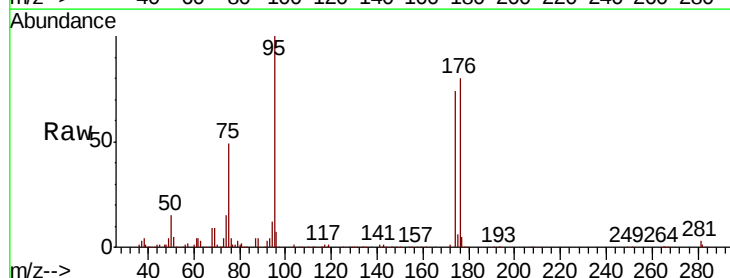
#76
 1,2,3-Trichloropropane
 Concen: 56.506 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW016315.D
 Acq: 21 Aug 2020 19:10

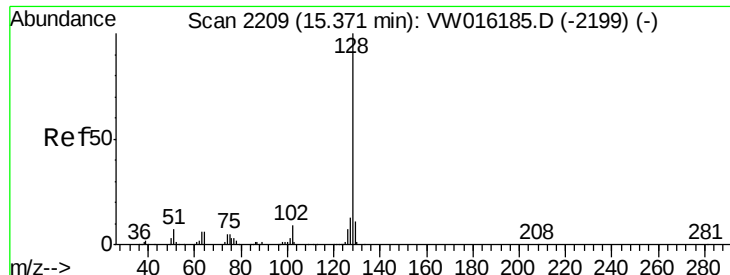
Tot Ion: 75 Resp: 66366
 Ion Ratio Lower Upper
 75 100
 77 1.3 173.6 520.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.538 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW016315.D
 Acq: 21 Aug 2020 19:10

Tgt Ion: 75 Resp: 66366
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.1 37.2 55.8#





#95

Naphthalene

Concen: 5.896 ug/l

RT: 15.36 min Scan# 2208

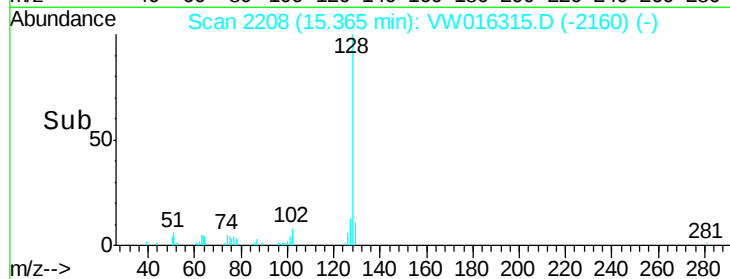
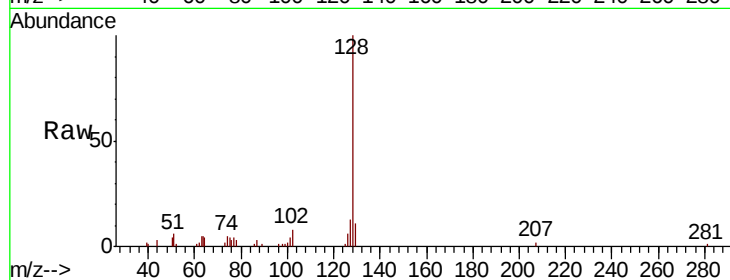
Delta R.T. -0.01 min

Lab File: VW016315.D

Acq: 21 Aug 2020 19:10

Tot Ion:128 Resp: 11737

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.4
129	10.7	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

