

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD123019\
 Data File : VD064682.D
 Acq On : 30 Dec 2019 17:33
 Operator : VA/SY
 Sample : K6450-01RE
 Misc : 8.77G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB446_191226-30-32RE

Quant Time: Dec 31 07:10:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

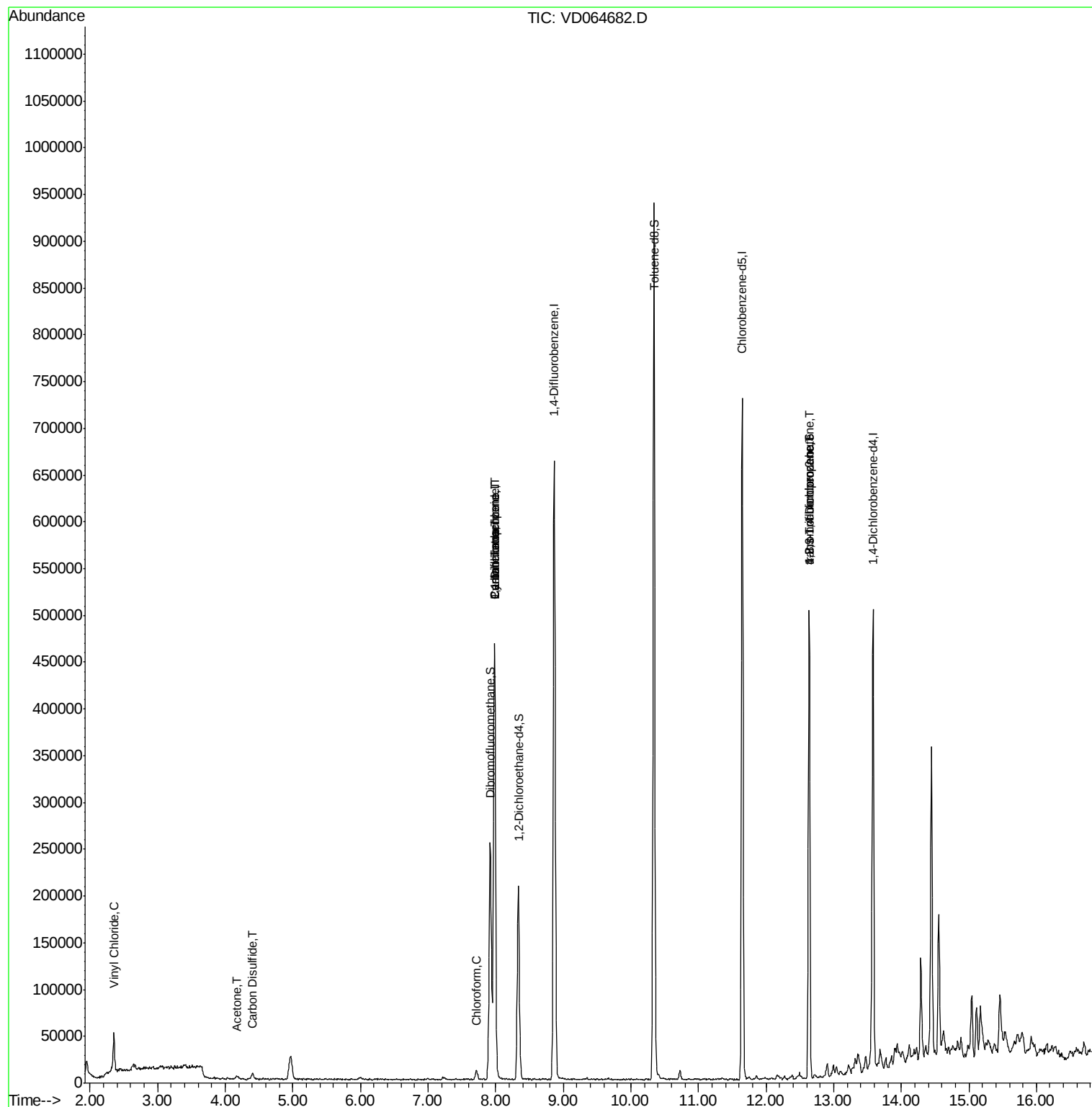
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	358628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	567821	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	406342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	133972	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	162282	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
35) Dibromofluoromethane	7.92	113	173542	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
50) Toluene-d8	10.34	98	634974	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
62) 4-Bromofluorobenzene	12.64	95	144439	34.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.48%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.35	62	36333	7.645	ug/l	97
16) Acetone	4.17	43	5510	11.478	ug/l	89
17) Carbon Disulfide	4.40	76	12194	1.195	ug/l	97
30) Chloroform	7.71	83	9040	1.463	ug/l	90
31) Cyclohexane	7.98	56	8371	1.420	ug/l #	40
36) 1,1-Dichloropropene	7.98	75	27855	5.097	ug/l #	50
38) Carbon Tetrachloride	7.98	117	33673	5.778	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	74345	70.274	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	74345	146.976	ug/l #	11

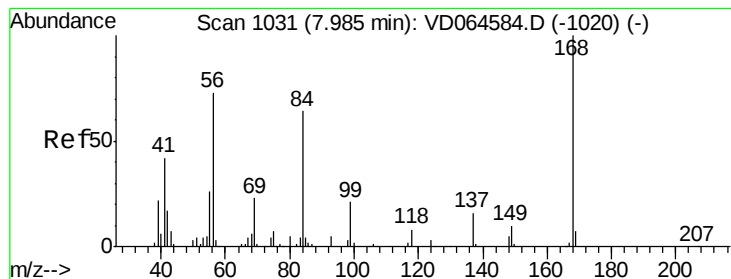
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064682.D

Acq: 30 Dec 2019 17:33

Instrument :

MSVOA_D

ClientSampleId :

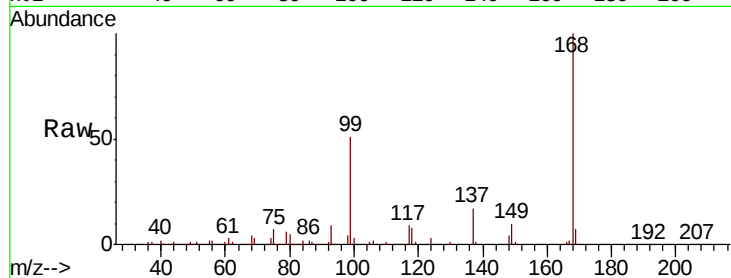
WP022SB446_191226-30-32RE

Tot Ion:168 Resp: 358628

Ion Ratio Lower Upper

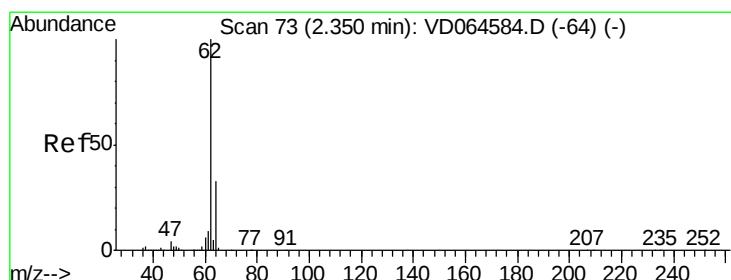
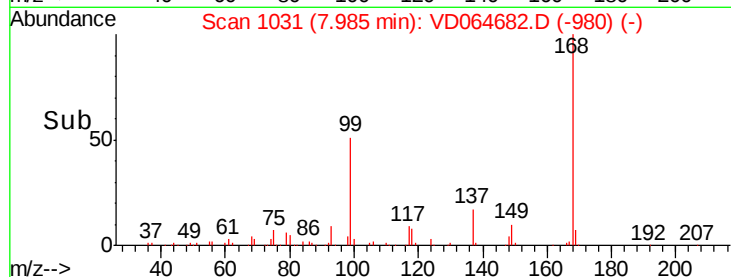
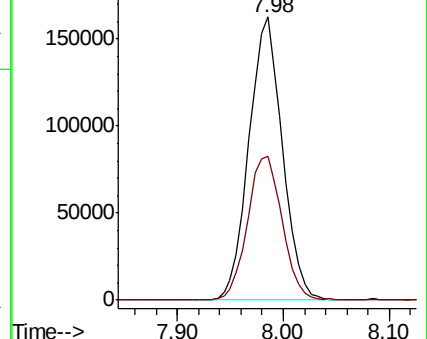
168 100

99 50.9 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#4

Vinyl Chloride

Concen: 7.645 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064682.D

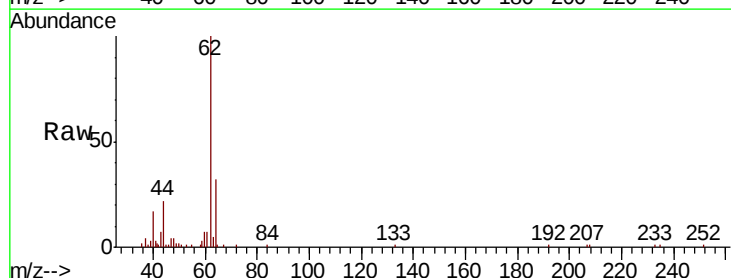
Acq: 30 Dec 2019 17:33

Tgt Ion: 62 Resp: 36333

Ion Ratio Lower Upper

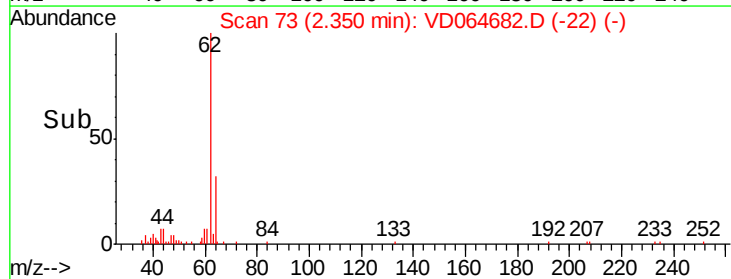
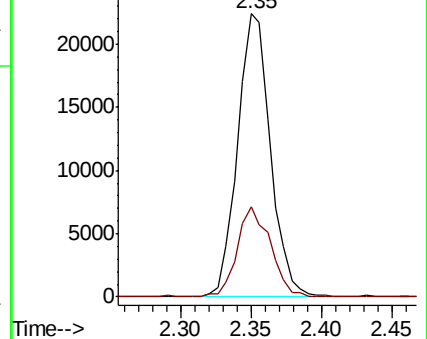
62 100

64 31.8 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#16

Acetone

Concen: 11.478 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064682.D

Acq: 30 Dec 2019 17:33

Instrument :

MSVOA_D

ClientSampleId :

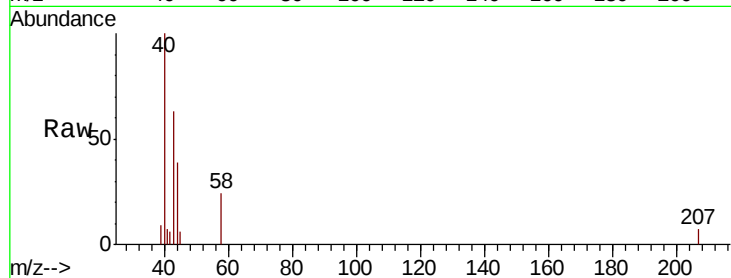
WP022SB446_191226-30-32RE

Tot Ion: 43 Resp: 5510

Ion Ratio Lower Upper

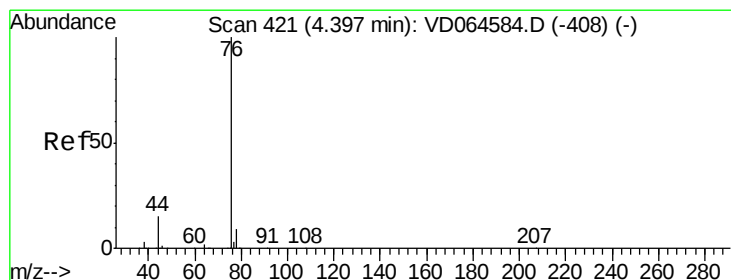
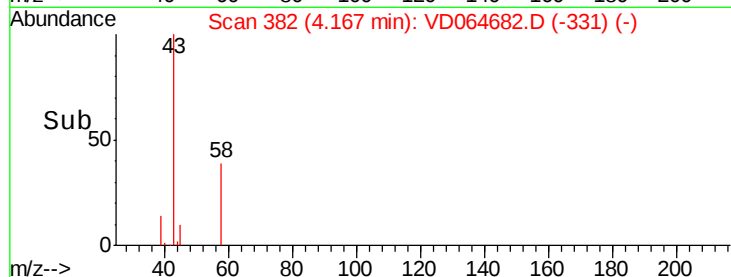
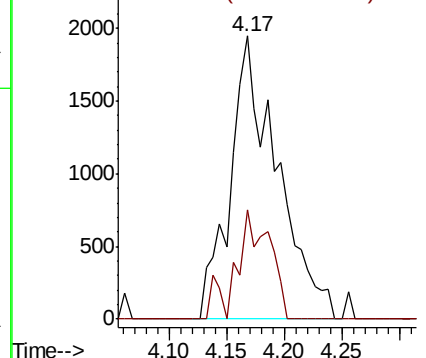
43 100

58 38.6 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#17

Carbon Disulfide

Concen: 1.195 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.01 min

Lab File: VD064682.D

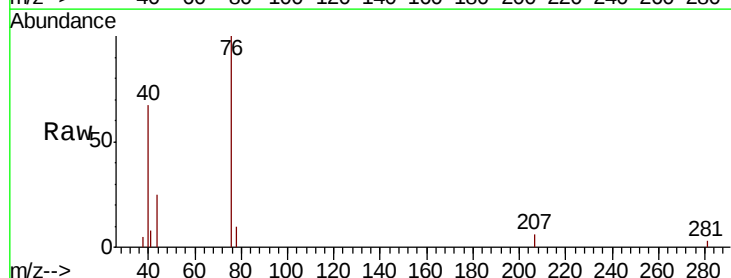
Acq: 30 Dec 2019 17:33

Tgt Ion: 76 Resp: 12194

Ion Ratio Lower Upper

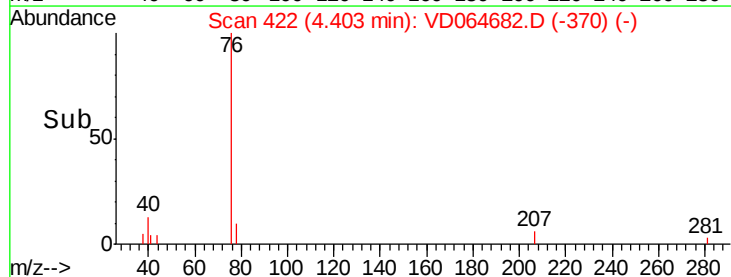
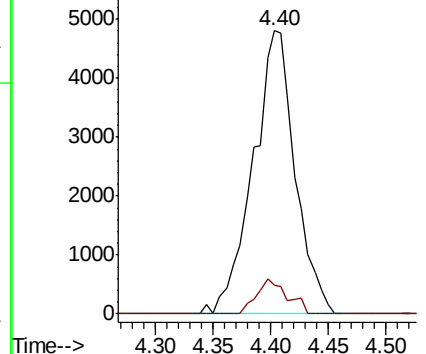
76 100

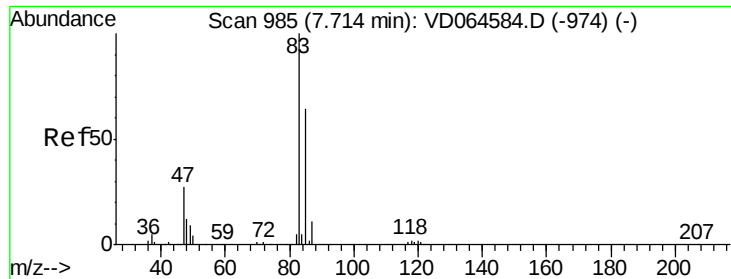
78 10.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

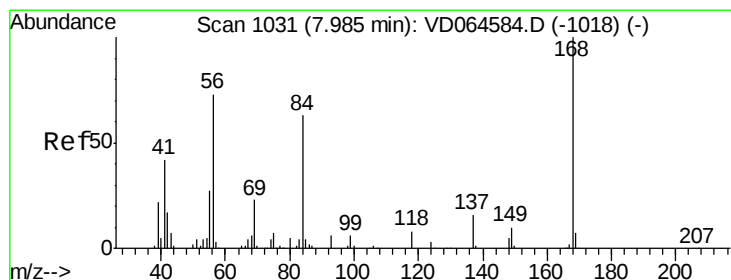
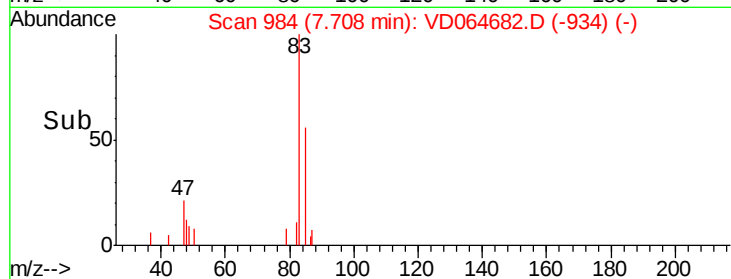
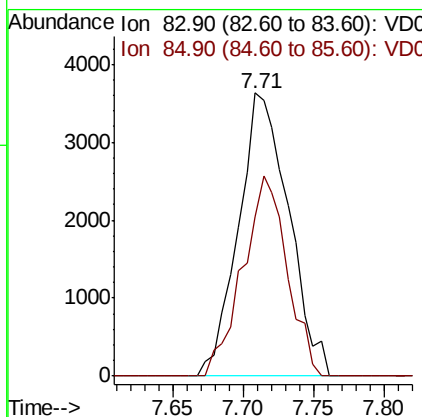
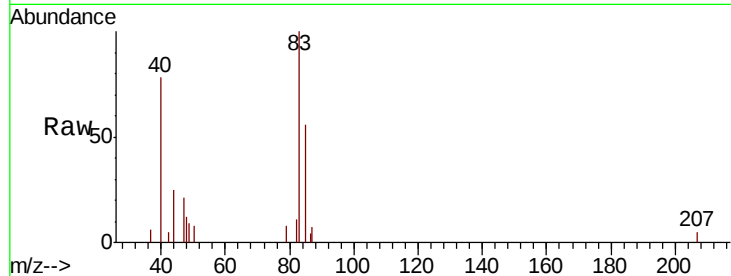




#30
Chloroform
Concen: 1.463 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD064682.D
Acq: 30 Dec 2019 17:33

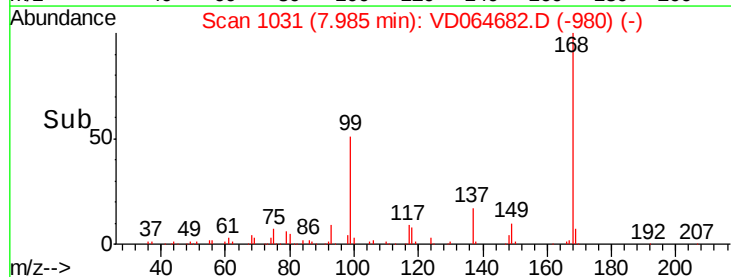
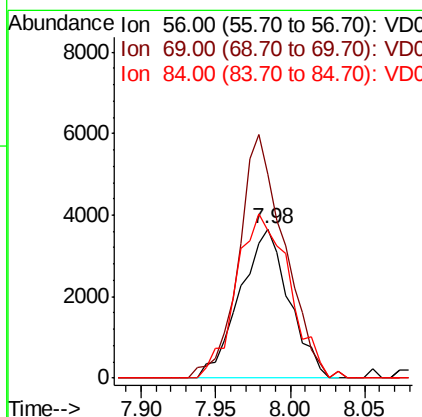
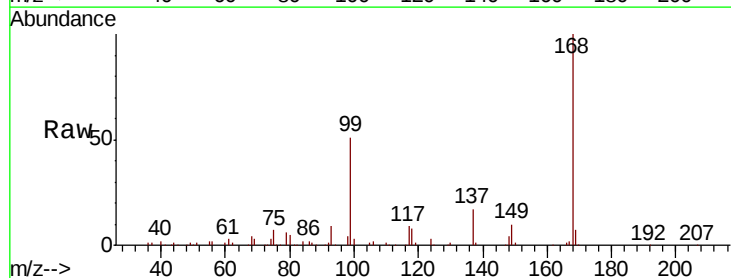
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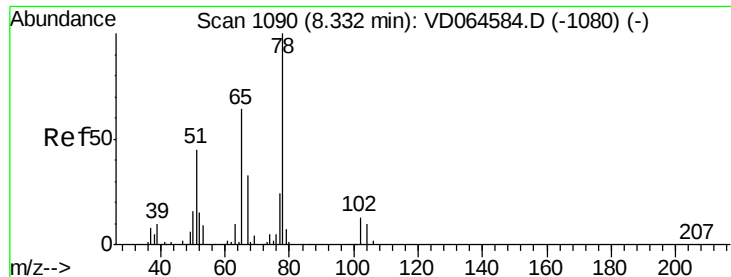
Tot Ion: 83 Resp: 9040
Ion Ratio Lower Upper
83 100
85 56.4 51.1 76.7



#31
Cyclohexane
Concen: 1.420 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064682.D
Acq: 30 Dec 2019 17:33

Tgt Ion: 56 Resp: 8371
Ion Ratio Lower Upper
56 100
69 136.9 24.7 37.1#
84 98.6 69.4 104.2





#33

1,2-Dichloroethane-d4

Concen: 51.317 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064682.D

Acq: 30 Dec 2019 17:33

Instrument :

MSVOA_D

ClientSampleId :

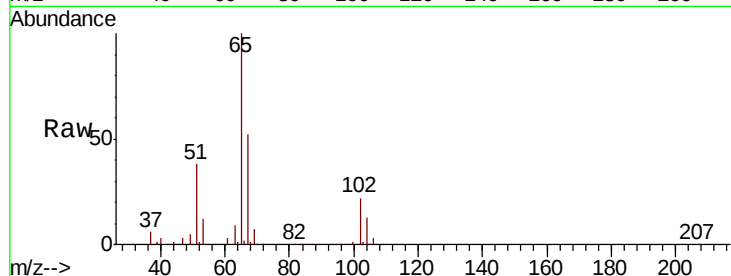
WP022SB446_191226-30-32RE

Tot Ion: 65 Resp: 162282

Ion Ratio Lower Upper

65 100

67 50.3 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

80000

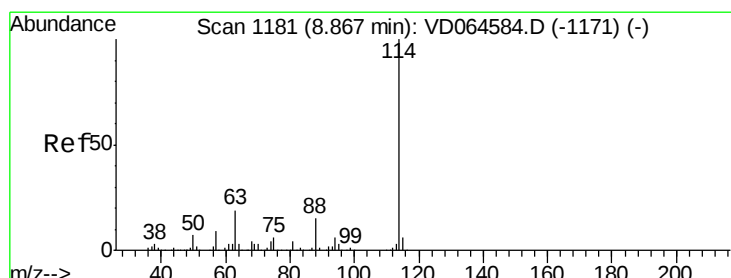
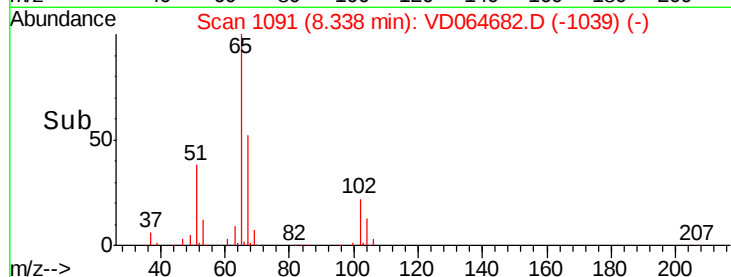
60000

40000

20000

0

Time--> 8.20 8.30 8.40 8.50



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064682.D

Acq: 30 Dec 2019 17:33

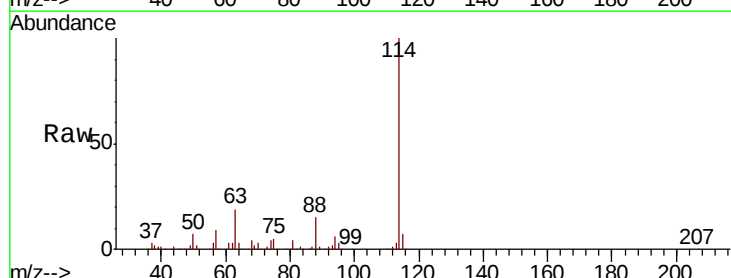
Tgt Ion: 114 Resp: 567821

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.0

88 14.7 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

400000

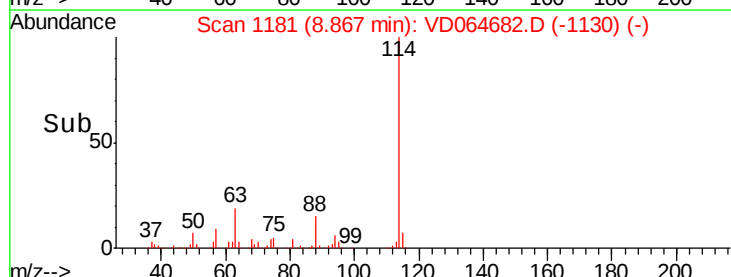
300000

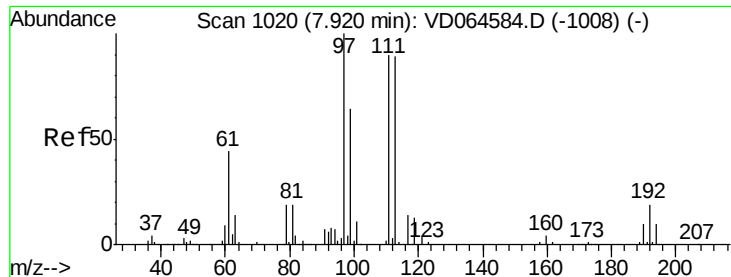
200000

100000

0

Time--> 8.80 8.90 9.00

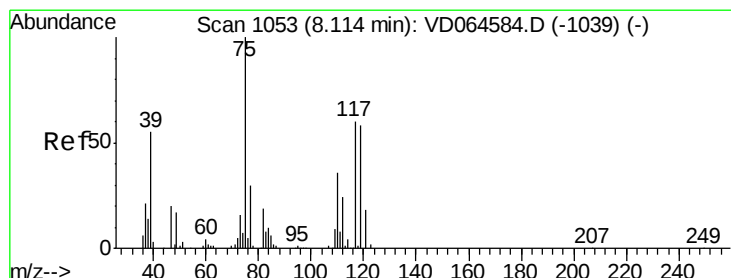
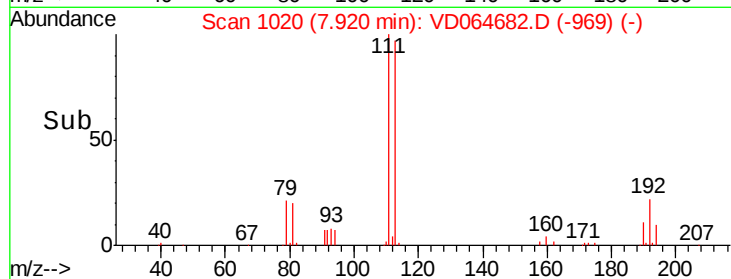
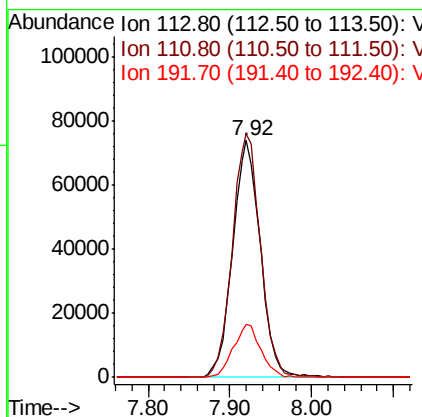
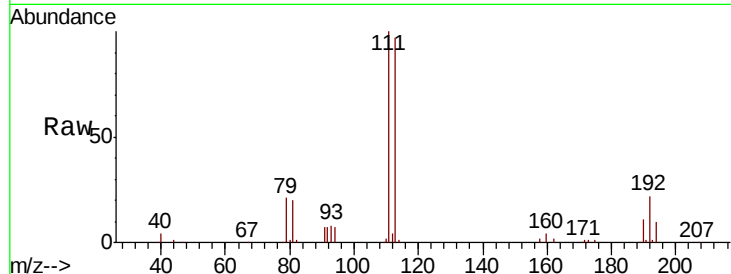




#35
 Dibromofluoromethane
 Concen: 49.816 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064682.D
 Acq: 30 Dec 2019 17:33

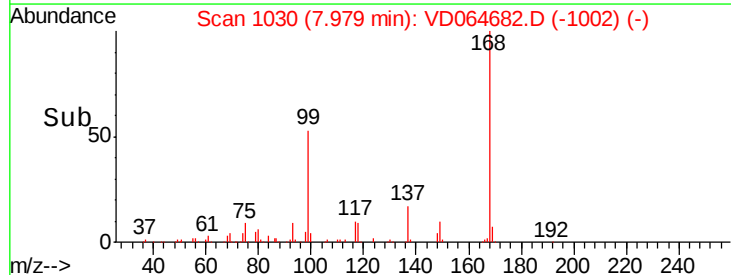
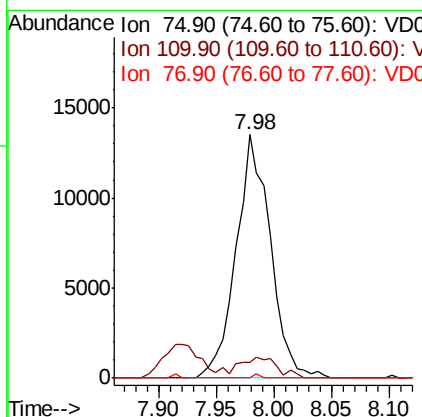
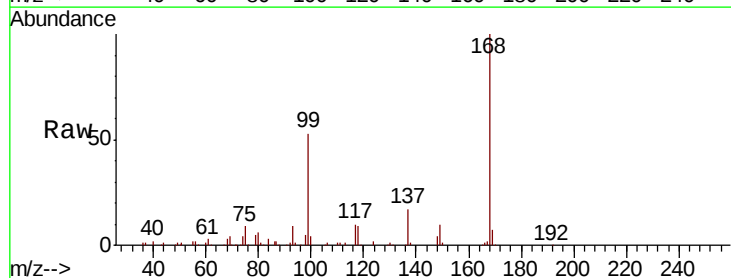
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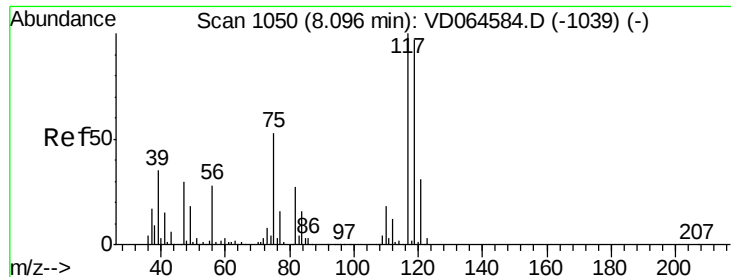
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	80.6	121.0
192	22.1	17.9	26.9



#36
 1,1-Dichloropropene
 Concen: 5.097 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD064682.D
 Acq: 30 Dec 2019 17:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.1#
77	0.3	24.2	36.4#

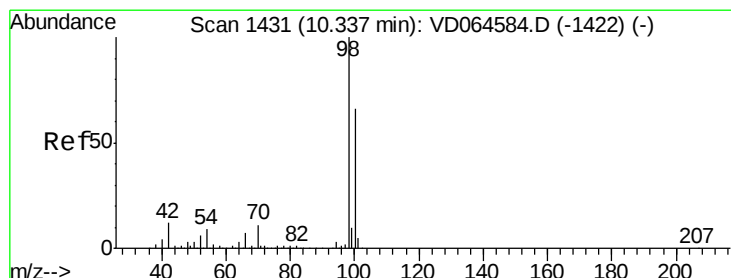
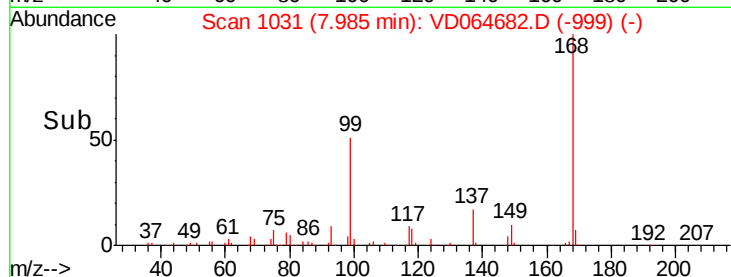
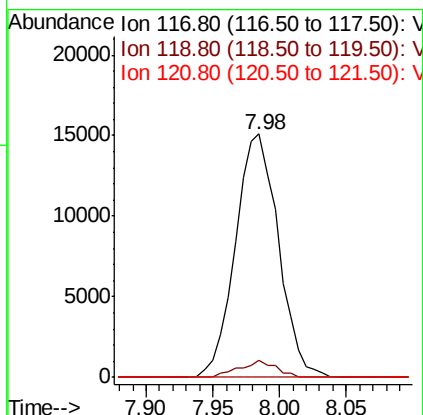
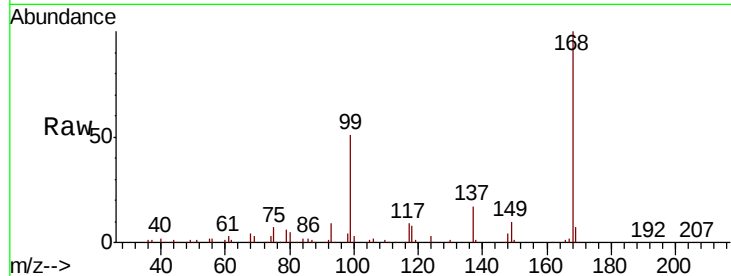




#38
Carbon Tetrachloride
Concen: 5.778 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD064682.D
Acq: 30 Dec 2019 17:33

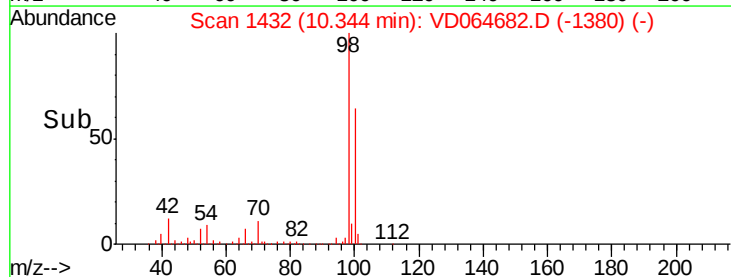
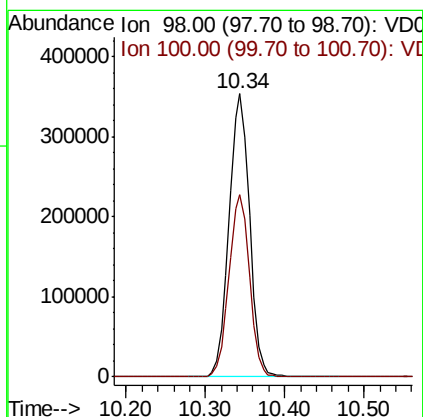
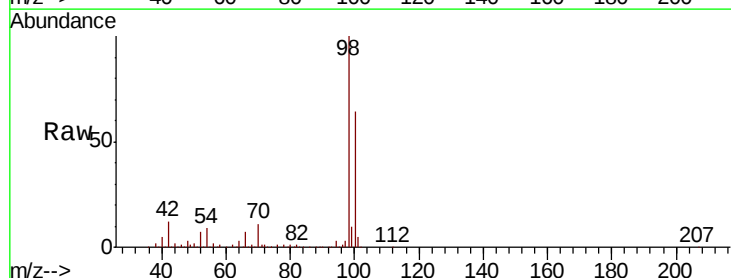
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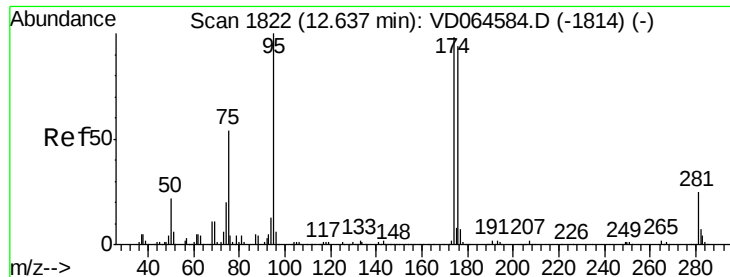
Tot Ion:117 Resp: 33673
Ion Ratio Lower Upper
117 100
119 7.2 77.3 115.9#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 47.592 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064682.D
Acq: 30 Dec 2019 17:33

Tgt Ion: 98 Resp: 634974
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5

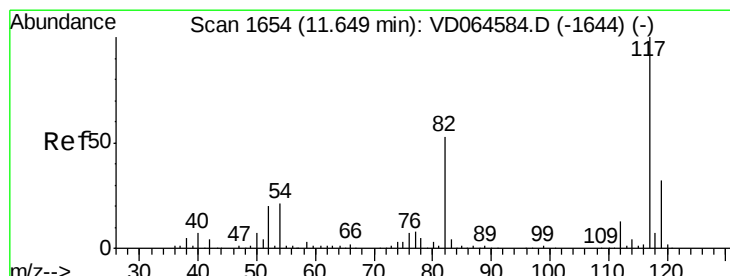
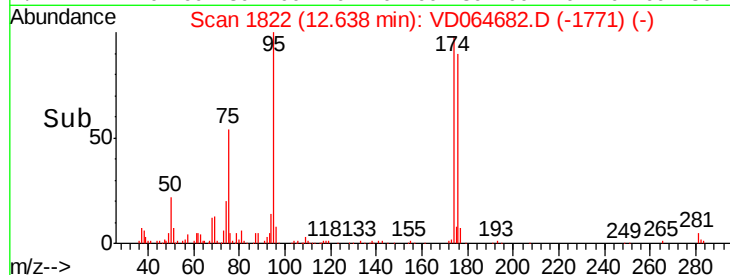
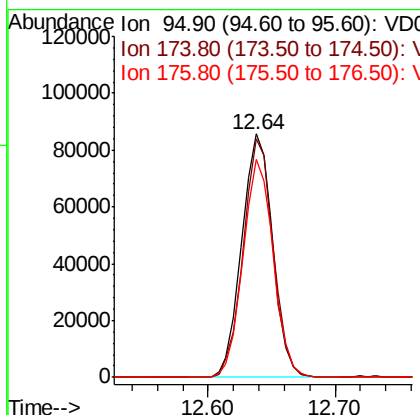
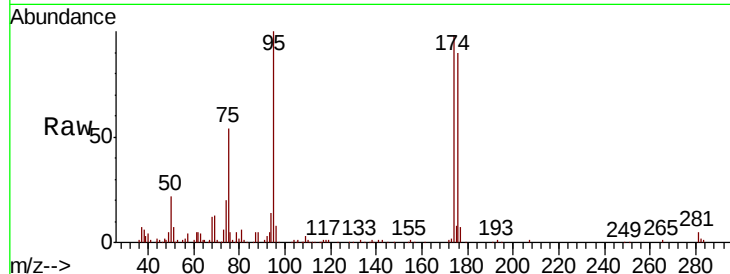




#62
4-Bromofluorobenzene
Concen: 34.236 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064682.D
Acq: 30 Dec 2019 17:33

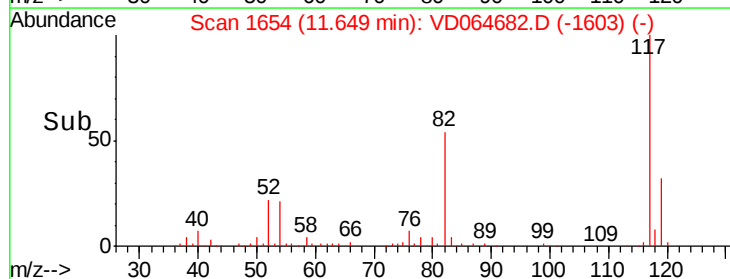
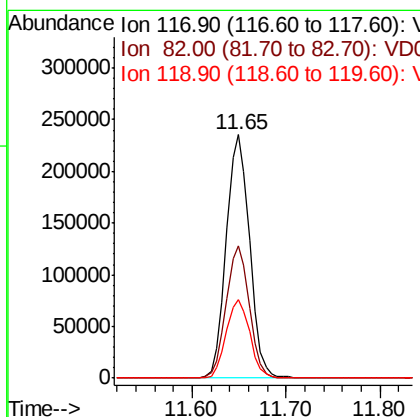
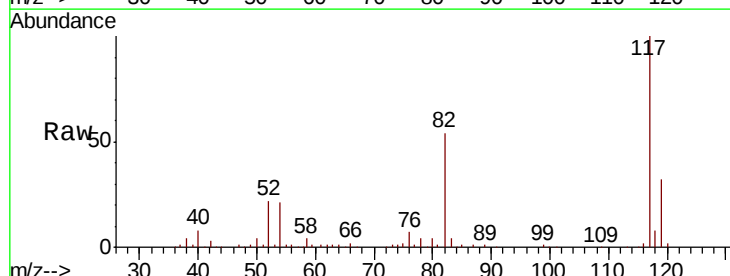
Instrument :
MSVOA_D
ClientSampleId :
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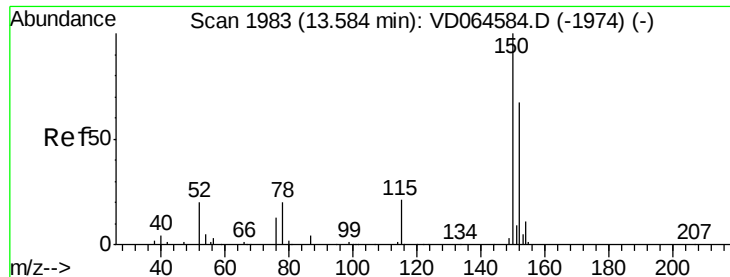
Tot Ion: 95 Resp: 144439
Ion Ratio Lower Upper
95 100
174 95.4 0.0 193.2
176 87.8 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064682.D
Acq: 30 Dec 2019 17:33

Tgt Ion: 117 Resp: 406342
Ion Ratio Lower Upper
117 100
82 54.2 42.2 63.4
119 32.3 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064682.D

Acq: 30 Dec 2019 17:33

Instrument :

MSVOA_D

ClientSampleId :

WP022SB446_191226-30-32RE

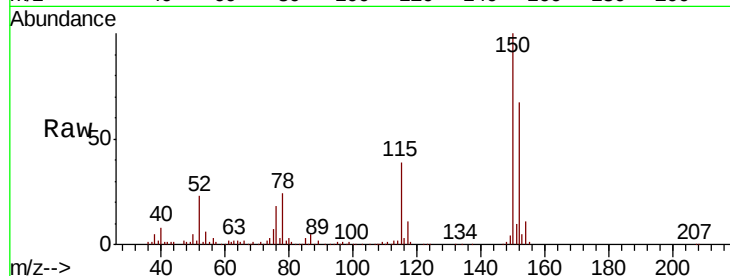
Tot Ion:152 Resp: 133972

Ion Ratio Lower Upper

152 100

115 53.8 27.8 83.4

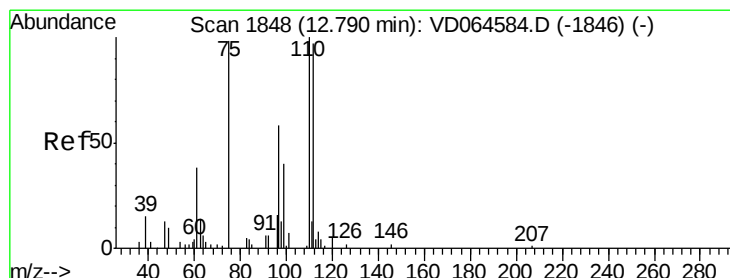
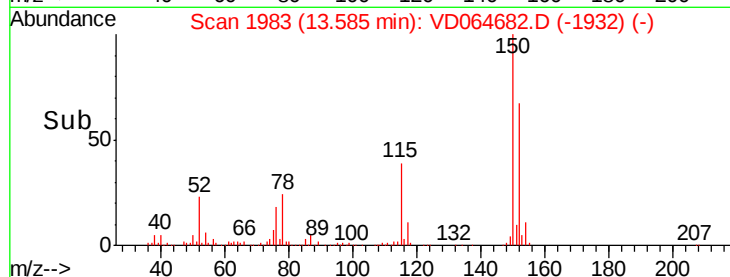
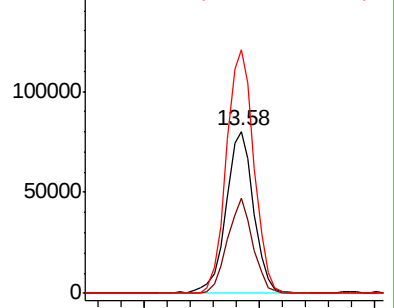
150 149.7 0.0 351.4



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: 70.274 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064682.D

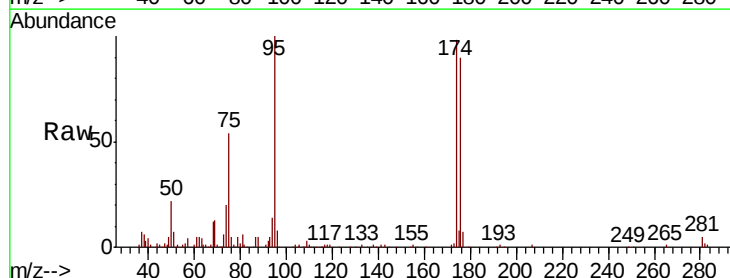
Acq: 30 Dec 2019 17:33

Tgt Ion: 75 Resp: 74345

Ion Ratio Lower Upper

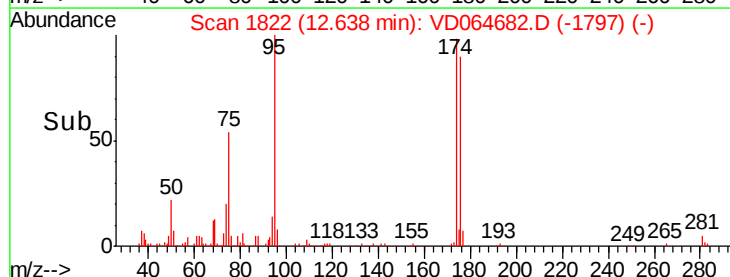
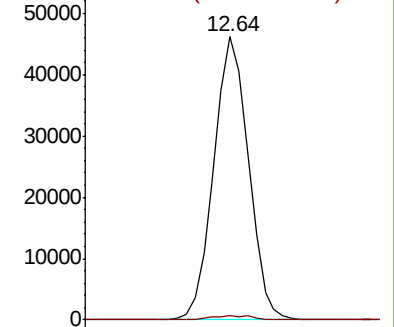
75 100

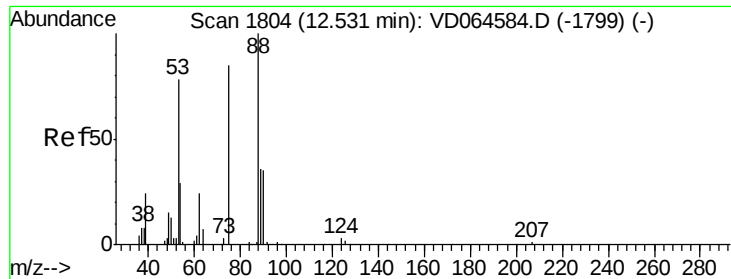
77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 146.976 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064682.D

Acq: 30 Dec 2019 17:33

Instrument :

MSVOA_D

ClientSampleId :

WP022SB446_191226-30-32RE

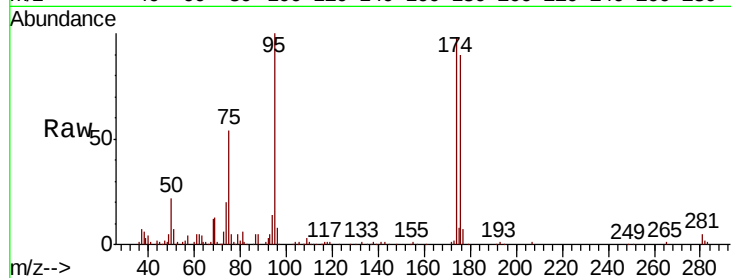
Tot Ion: 75 Resp: 74345

Ion Ratio Lower Upper

75 100

53 1.0 78.8 118.2#

89 0.0 38.3 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

