

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD123119\
 Data File : VD064694.D
 Acq On : 31 Dec 2019 14:48
 Operator : VA/SY
 Sample : K6455-05
 Misc : 7.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 K435-SB5

Quant Time: Jan 01 00:46:23 2020
 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

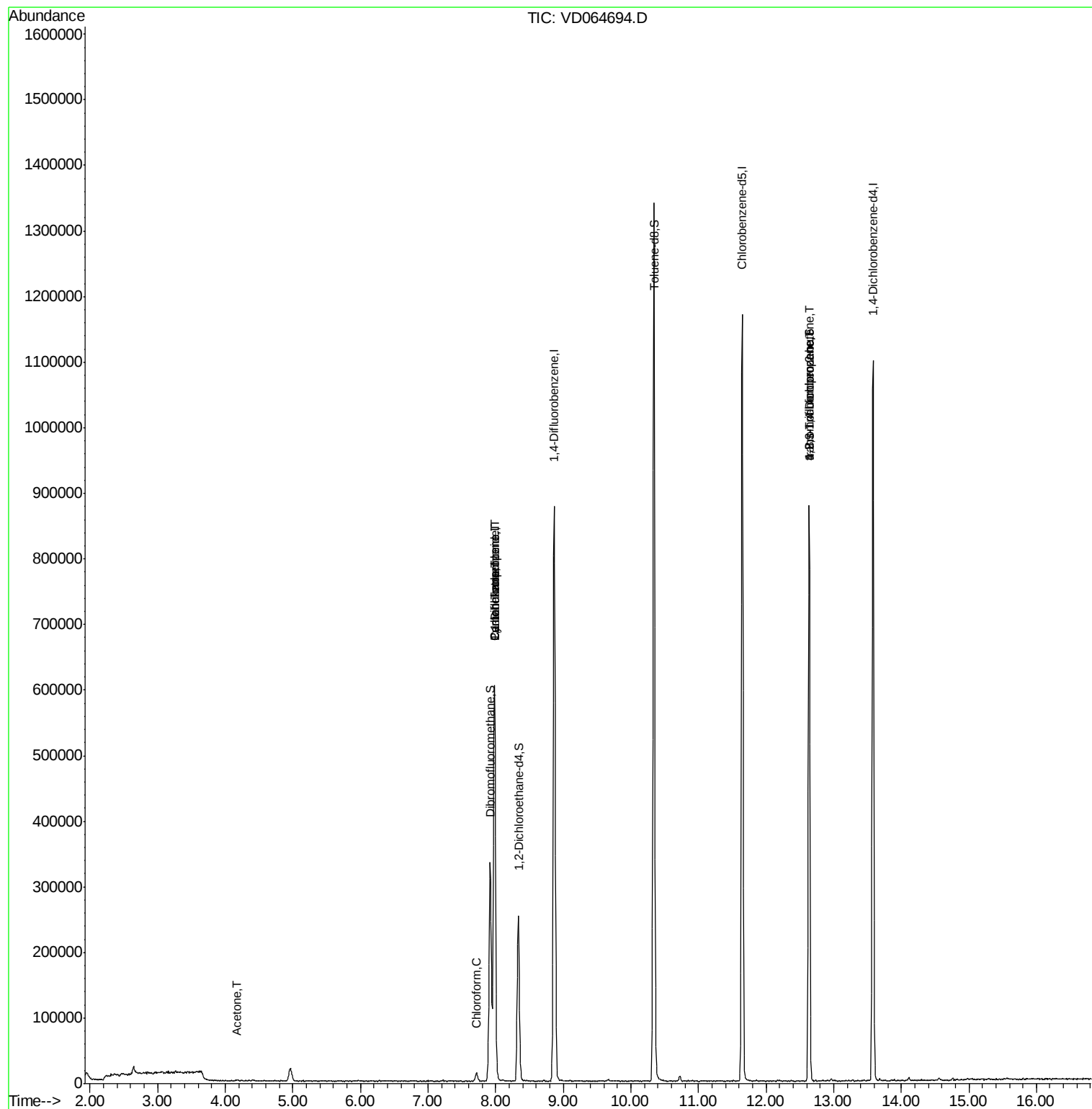
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	478205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	748888	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	651674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	295873	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	202547	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
35) Dibromofluoromethane	7.92	113	224389	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
50) Toluene-d8	10.34	98	894298	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
62) 4-Bromofluorobenzene	12.64	95	259129	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
Target Compounds						
					Qvalue	
16) Acetone	4.16	43	1802	5.977	ug/l #	42
20) Methylene Chloride	4.97	84	14815	Below Cal		86
30) Chloroform	7.72	83	11574	1.404	ug/l	88
31) Cyclohexane	7.98	56	9810	1.248	ug/l #	8
36) 1,1-Dichloropropene	7.98	75	35434	4.916	ug/l #	50
38) Carbon Tetrachloride	7.98	117	44600	5.803	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	138923	59.460	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	138923	124.360	ug/l #	10

(#) = 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: VD064694.D

Acq: 31 Dec 2019 14:48

Instrument :

MSVOA_D

ClientSampleId :

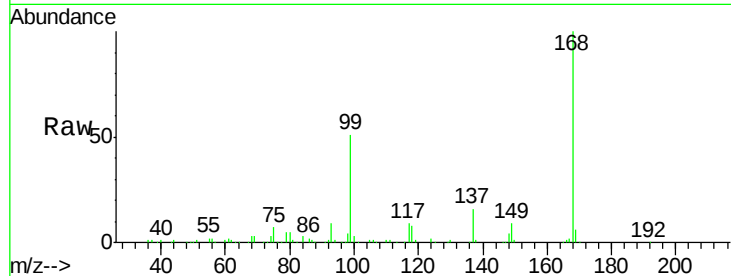
K435-SB5

Tgt Ion: 168 Resp: 478205

Ion Ratio Lower Upper

168 100

99 50.8 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

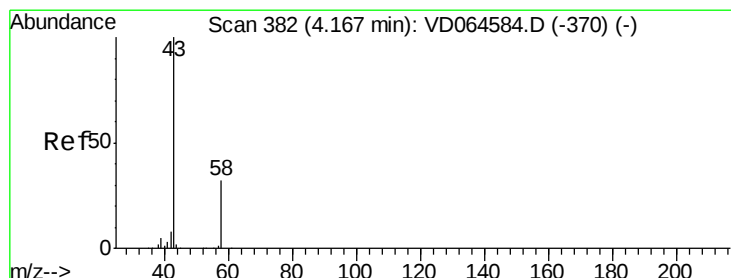
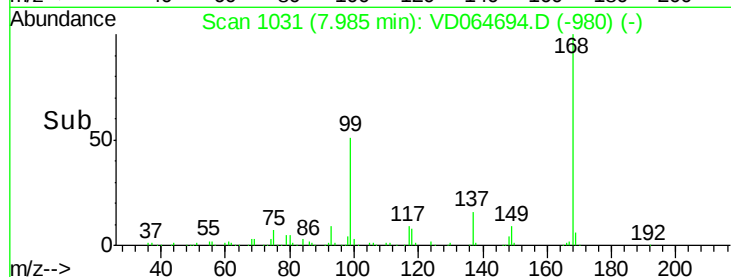
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.977 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064694.D

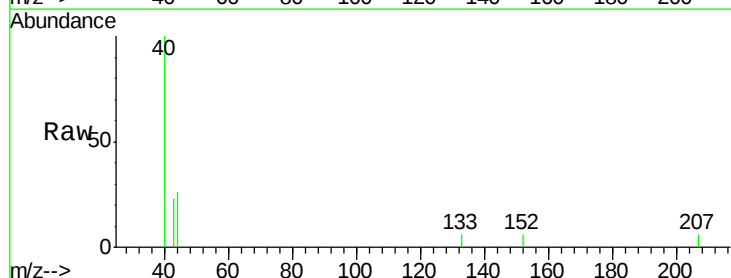
Acq: 31 Dec 2019 14:48

Tgt Ion: 43 Resp: 1802

Ion Ratio Lower Upper

43 100

58 0.0 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

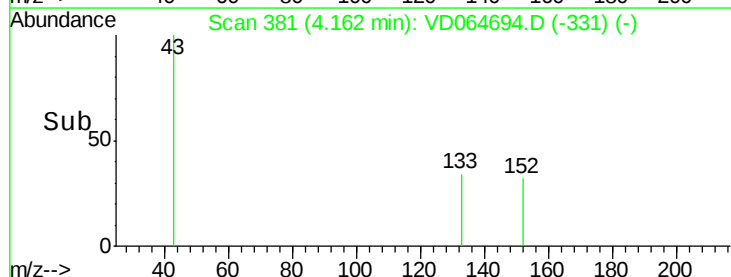
600

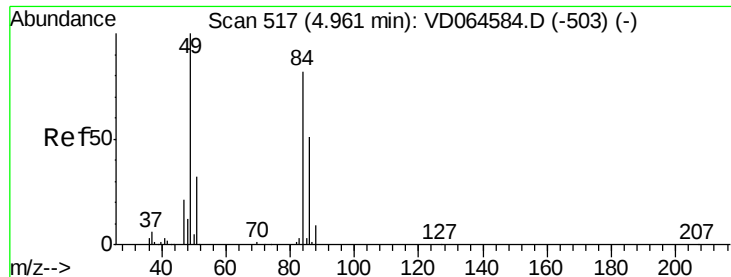
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200

0

Time-->

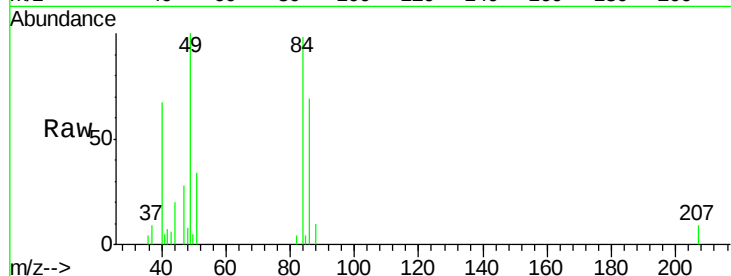




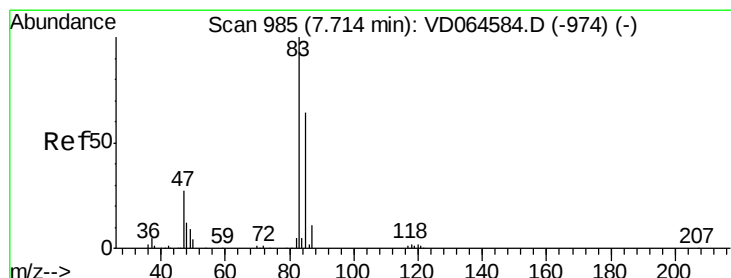
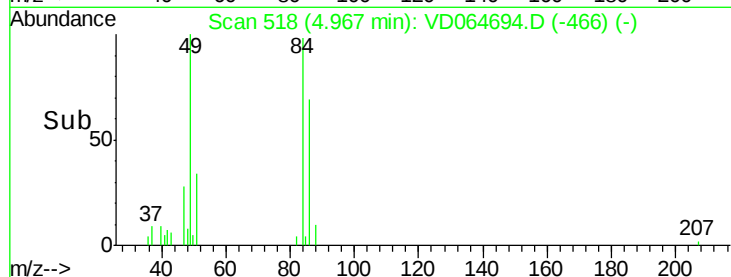
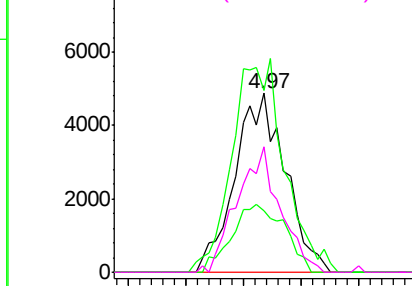
#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064694.D
Acq: 31 Dec 2019 14:48

Instrument :
MSVOA_D
ClientSampleId :
K435-SB5

Tgt Ion: 84 Resp: 14815
Ion Ratio Lower Upper
84 100
49 101.8 97.2 145.8
51 34.7 31.4 47.0
86 70.0 49.3 73.9

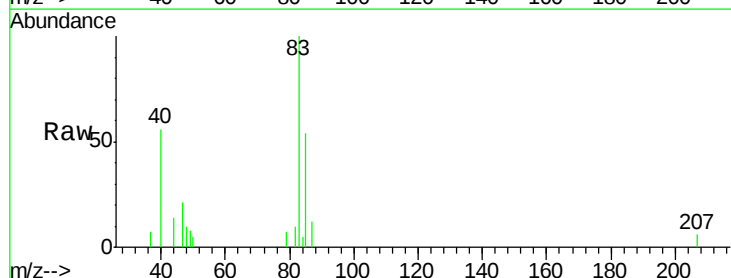


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

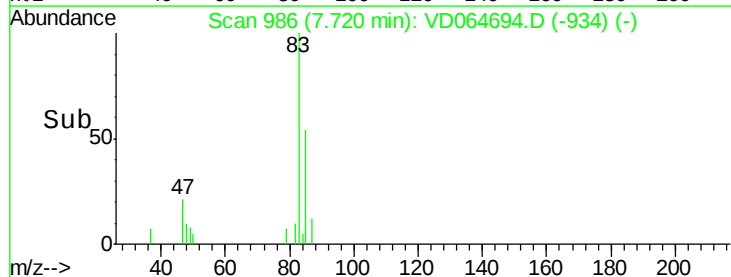
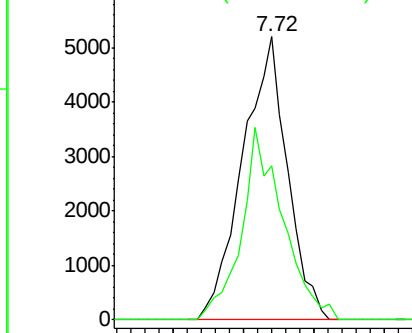


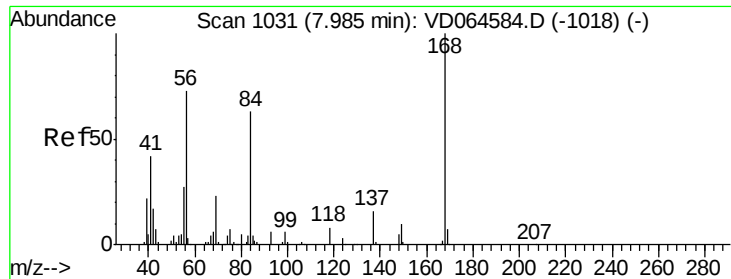
#30
Chloroform
Concen: 1.404 ug/l
RT: 7.72 min Scan# 986
Delta R.T. 0.01 min
Lab File: VD064694.D
Acq: 31 Dec 2019 14:48

Tgt Ion: 83 Resp: 11574
Ion Ratio Lower Upper
83 100
85 54.4 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC

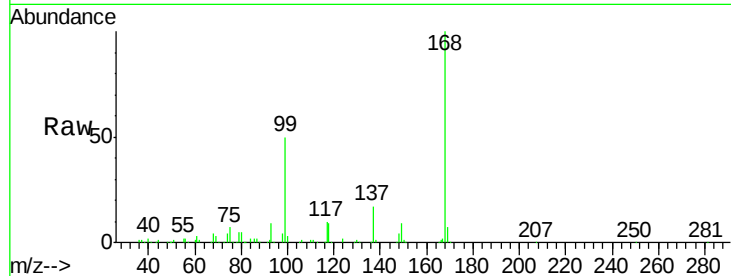




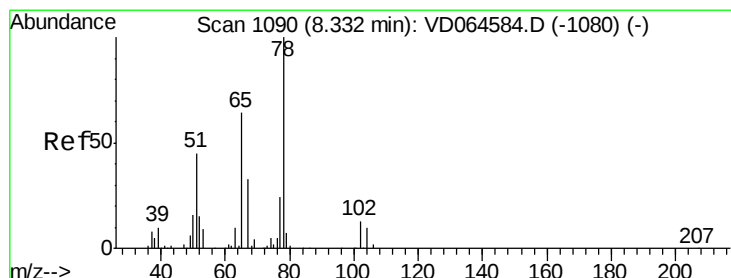
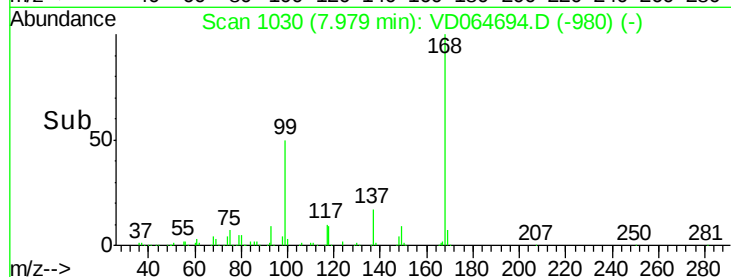
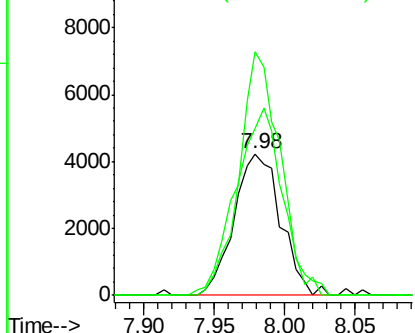
#31
Cyclohexane
Concen: 1.248 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064694.D
Acq: 31 Dec 2019 14:48

Instrument :
MSVOA_D
ClientSampleId :
K435-SB5

Tgt Ion: 56 Resp: 9810
Ion Ratio Lower Upper
56 100
69 171.9 24.7 37.1#
84 117.9 69.4 104.2#

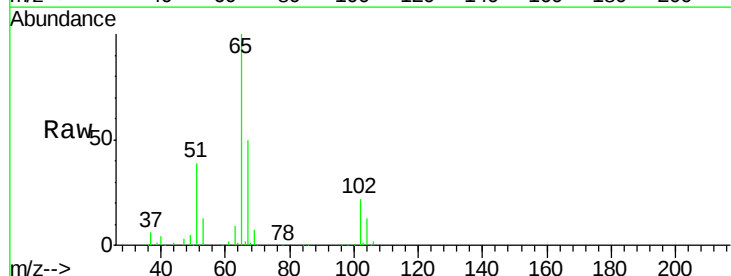


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

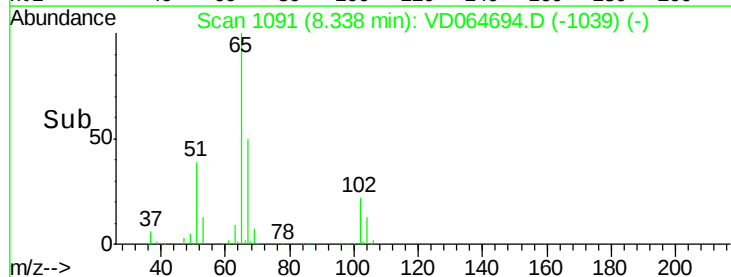
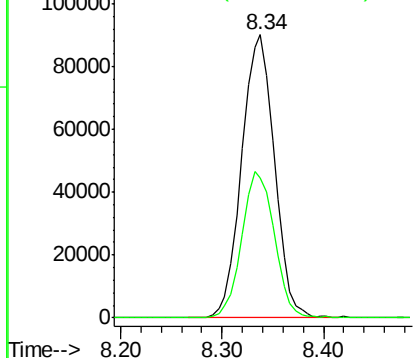


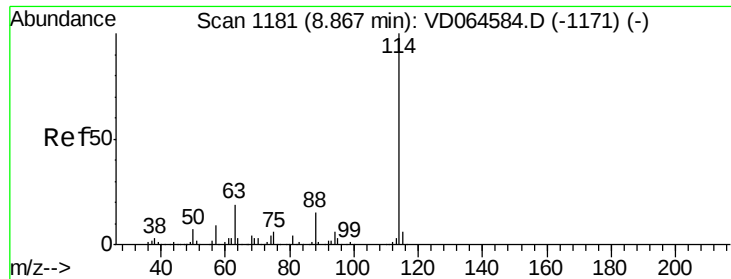
#33
1,2-Dichloroethane-d4
Concen: 48.034 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064694.D
Acq: 31 Dec 2019 14:48

Tgt Ion: 65 Resp: 202547
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.2



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

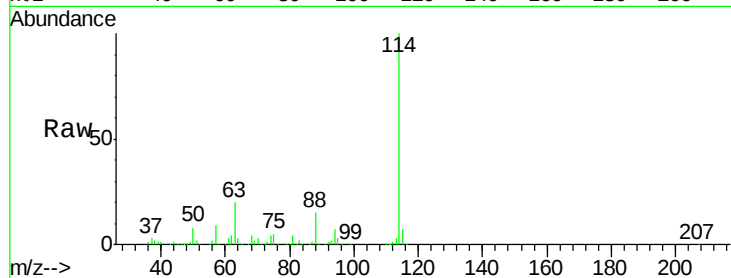




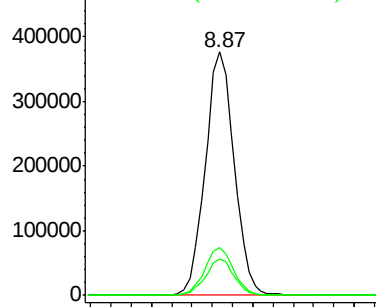
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064694.D
Acq: 31 Dec 2019 14:48

Instrument :
MSVOA_D
ClientSampleId :
K435-SB5

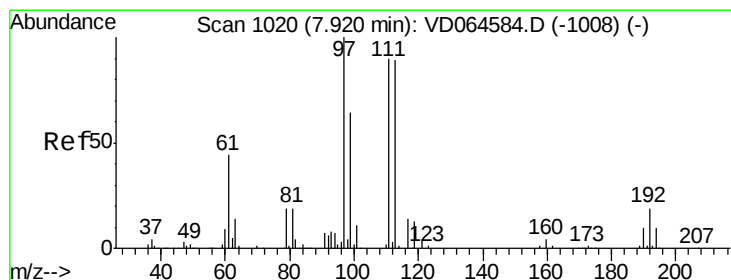
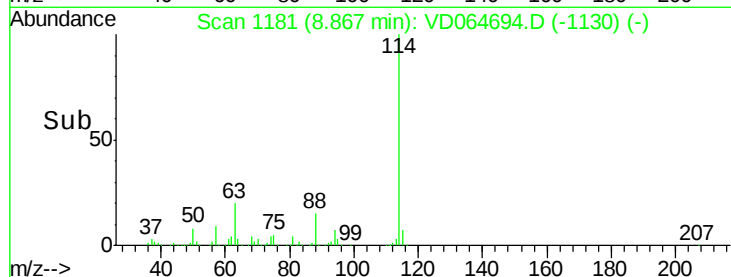
Tgt Ion:114 Resp: 748888
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.0
88 15.1 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

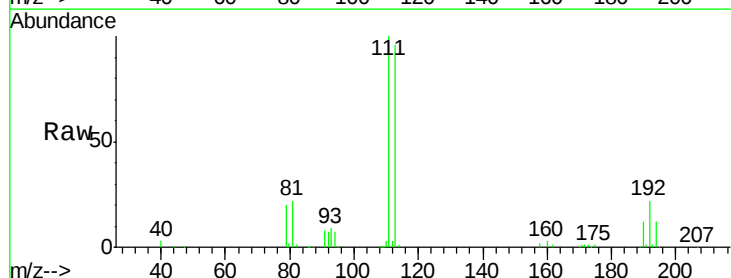


Time-->

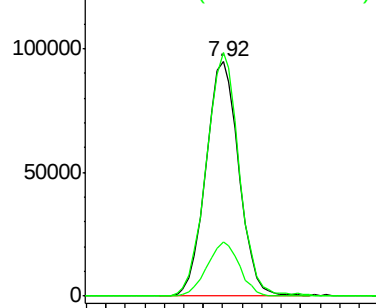


#35
Dibromofluoromethane
Concen: 48.838 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064694.D
Acq: 31 Dec 2019 14:48

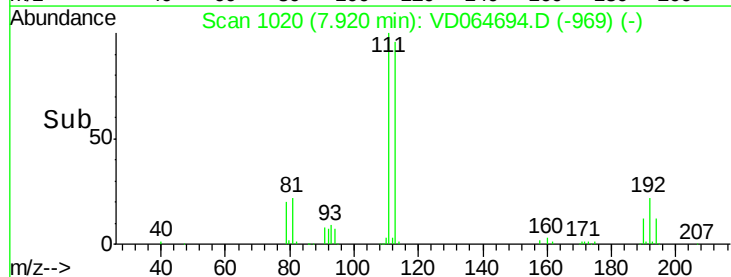
Tgt Ion:113 Resp: 224389
Ion Ratio Lower Upper
113 100
111 103.2 80.6 121.0
192 22.6 17.9 26.9

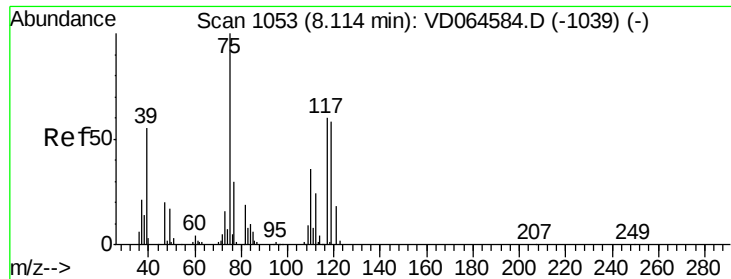


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



Time-->





#36

1,1-Dichloropropene

Concen: 4.916 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD064694.D

Acq: 31 Dec 2019 14:48

Instrument :

MSVOA_D

ClientSampleId :

K435-SB5

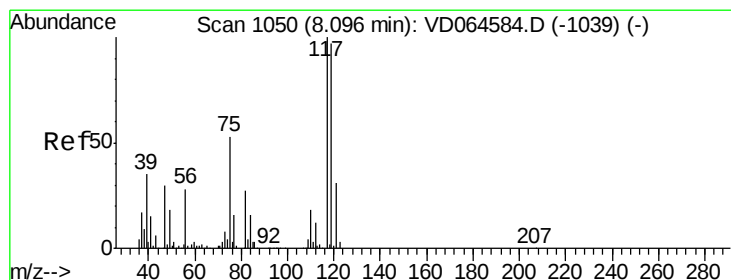
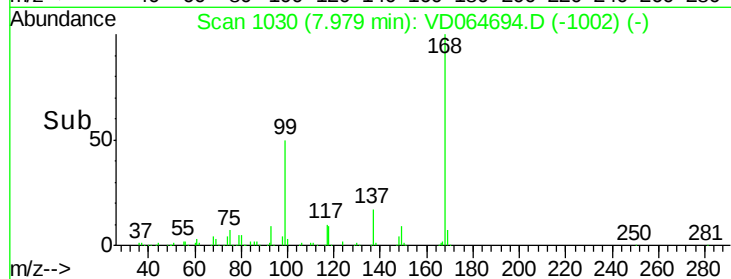
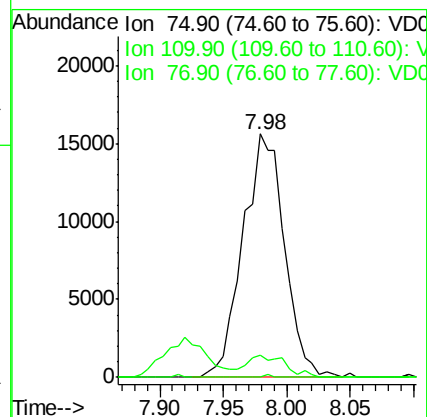
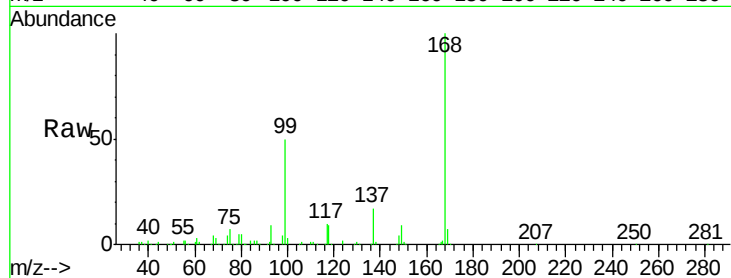
Tgt Ion: 75 Resp: 35434

Ion Ratio Lower Upper

75 100

110 8.8 18.1 54.1#

77 0.2 24.2 36.4#



#38

Carbon Tetrachloride

Concen: 5.803 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064694.D

Acq: 31 Dec 2019 14:48

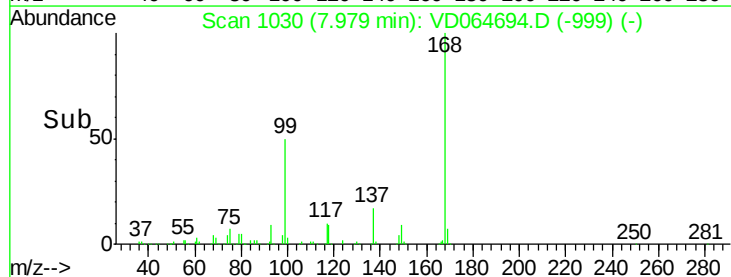
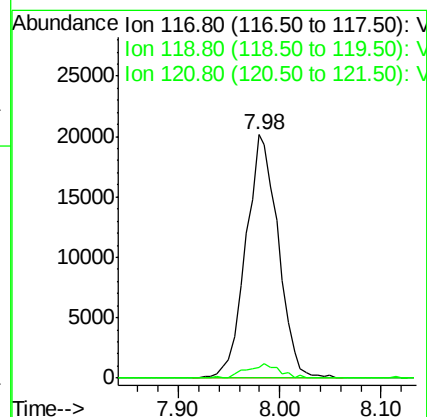
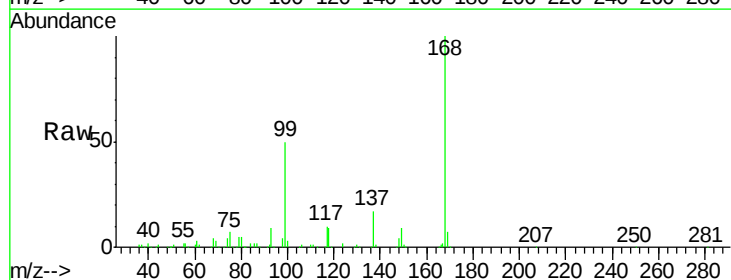
Tgt Ion: 117 Resp: 44600

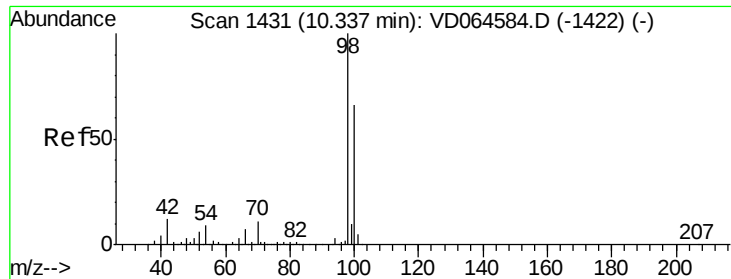
Ion Ratio Lower Upper

117 100

119 4.3 77.3 115.9#

121 0.0 25.0 37.6#

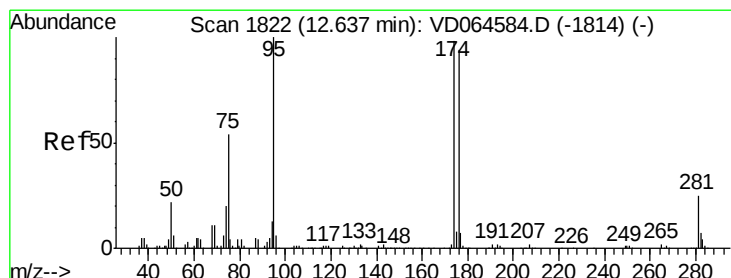
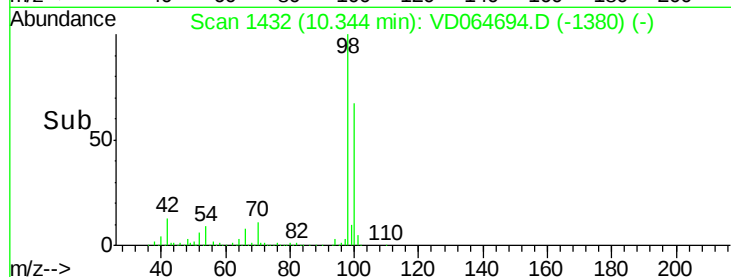
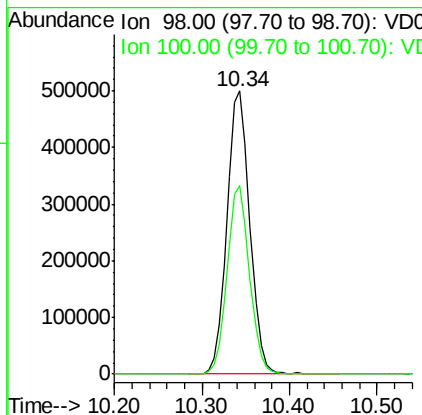
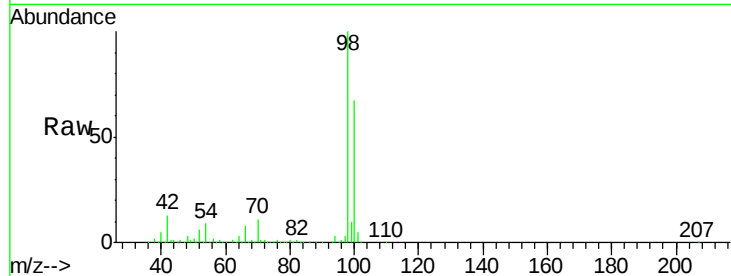




#50
Toluene-d8
Concen: 50.822 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064694.D
Acq: 31 Dec 2019 14:48

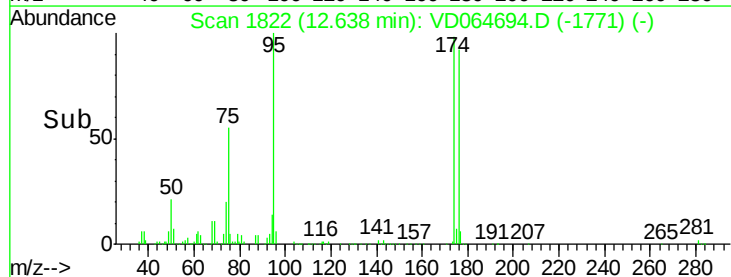
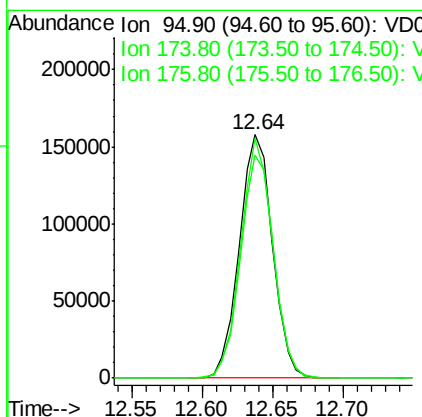
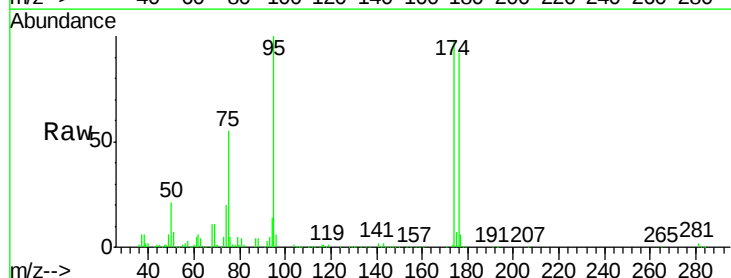
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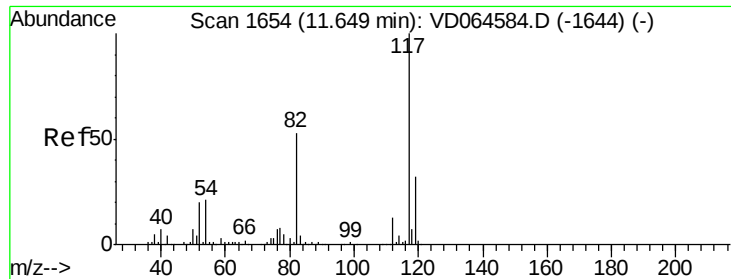
Tgt Ion: 98 Resp: 894298
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.570 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064694.D
Acq: 31 Dec 2019 14:48

Tgt Ion: 95 Resp: 259129
Ion Ratio Lower Upper
95 100
174 95.8 0.0 193.2
176 92.1 0.0 184.2

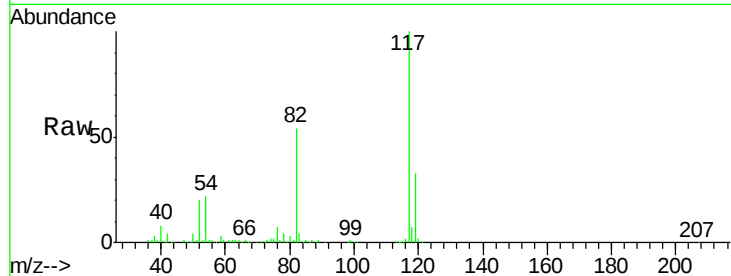




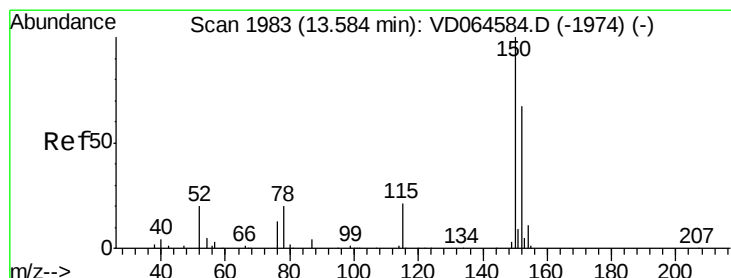
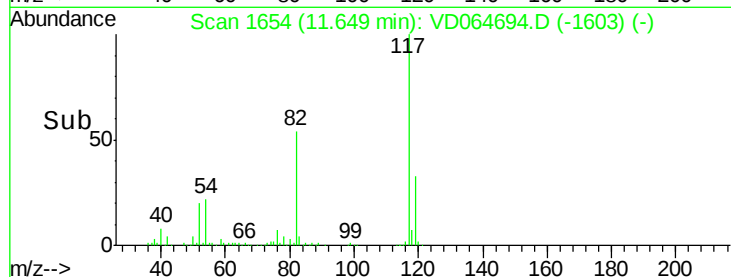
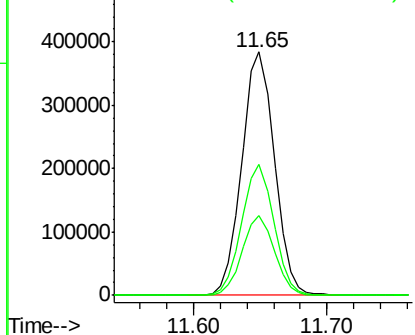
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064694.D
Acq: 31 Dec 2019 14:48

Instrument :
MSVOA_D
ClientSampleId :
K435-SB5

Tgt Ion:117 Resp: 651674
Ion Ratio Lower Upper
117 100
82 53.6 42.2 63.4
119 32.6 26.0 39.0

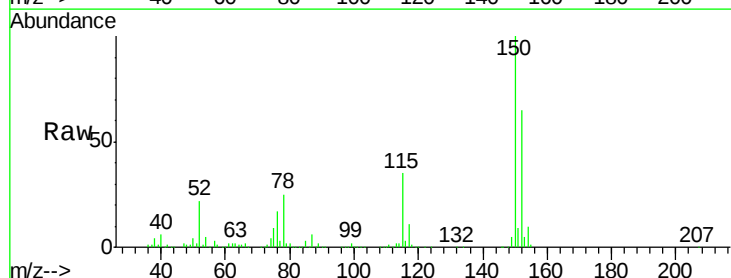


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

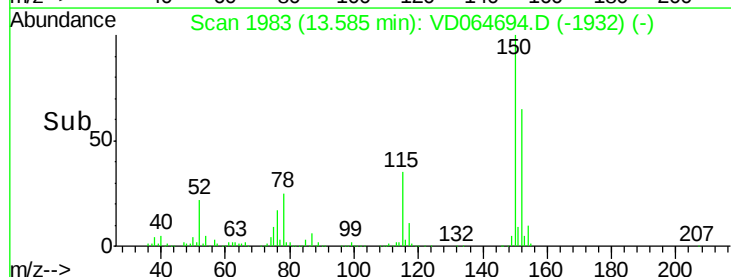
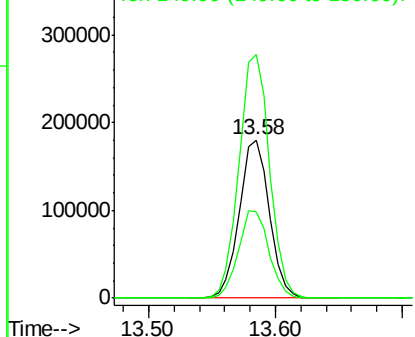


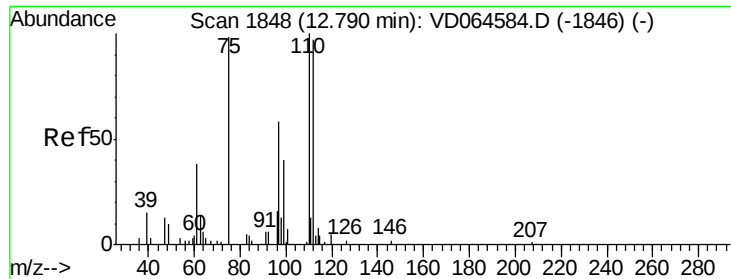
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064694.D
Acq: 31 Dec 2019 14:48

Tgt Ion:152 Resp: 295873
Ion Ratio Lower Upper
152 100
115 55.8 27.8 83.4
150 156.5 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: 59.460 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064694.D

Acq: 31 Dec 2019 14:48

Instrument :

MSVOA_D

ClientSampleId :

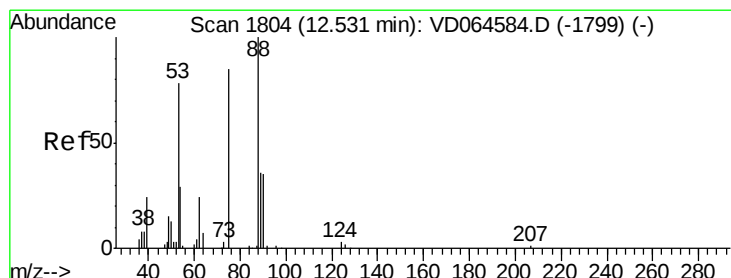
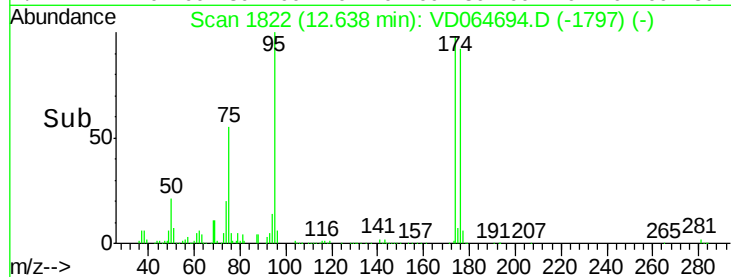
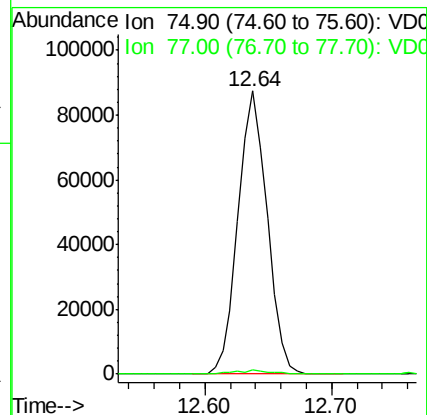
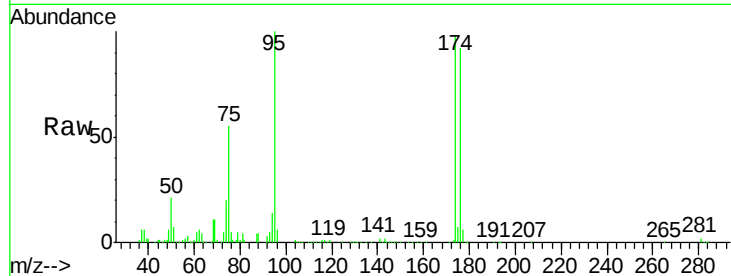
K435-SB5

Tgt Ion: 75 Resp: 138923

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 124.360 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064694.D

Acq: 31 Dec 2019 14:48

Tgt Ion: 75 Resp: 138923

Ion Ratio Lower Upper

75 100

53 0.2 78.8 118.2#

89 0.0 38.3 57.5#

