

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD123119\
 Data File : VD064692.D
 Acq On : 31 Dec 2019 13:51
 Operator : VA/SY
 Sample : K6455-03
 Misc : 6.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 K435-SB3

Quant Time: Jan 01 00:46:05 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

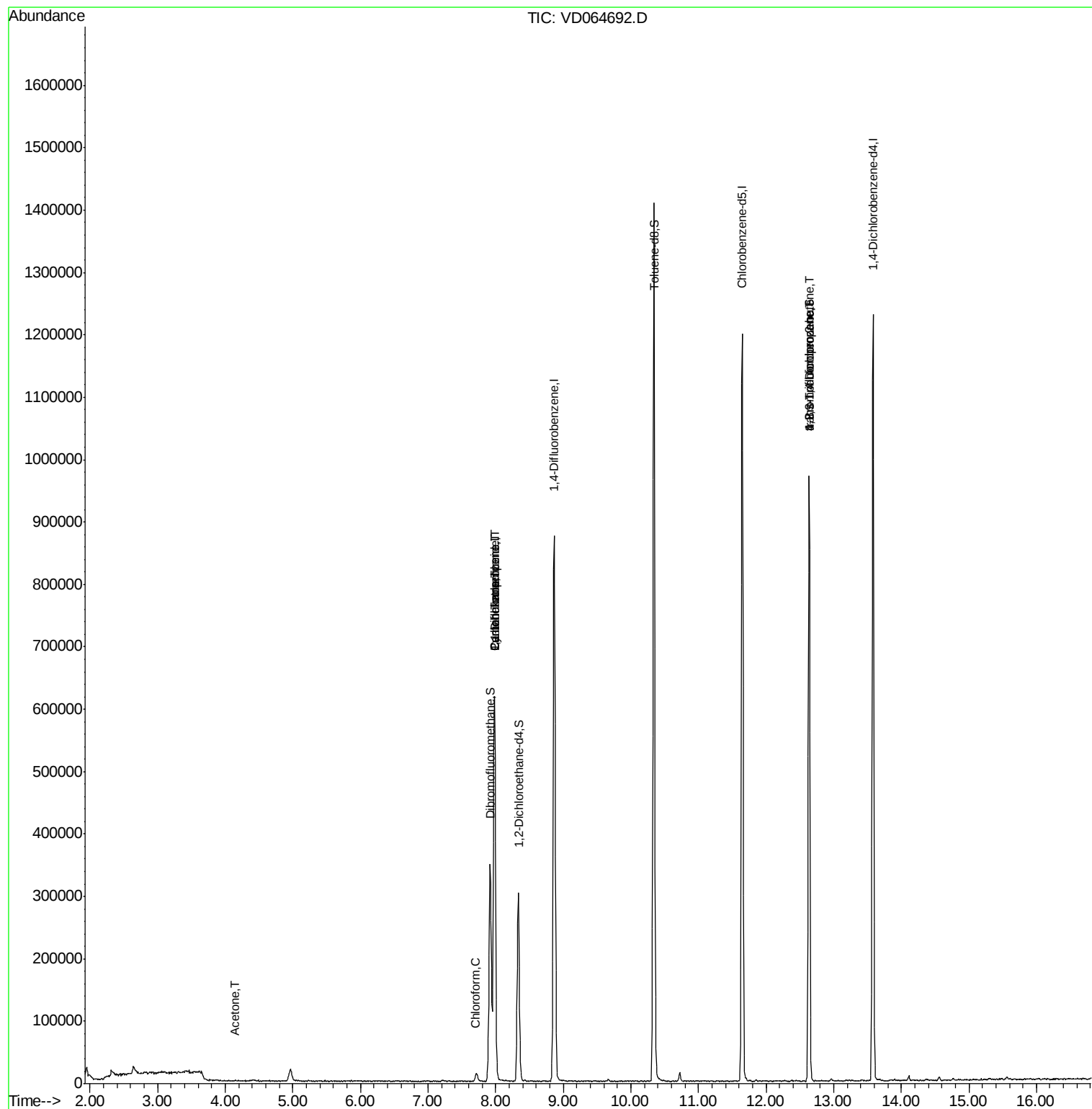
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	490219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	768283	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	683490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	326436	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	242034	55.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.98%	
35) Dibromofluoromethane	7.92	113	242755	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
50) Toluene-d8	10.34	98	925810	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
62) 4-Bromofluorobenzene	12.64	95	282576	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	236	4.422	ug/l #	42
20) Methylene Chloride	4.96	84	14238	Below Cal	#	86
30) Chloroform	7.71	83	11230	1.329	ug/l	90
31) Cyclohexane	7.98	56	11075	1.374	ug/l #	16
36) 1,1-Dichloropropene	7.98	75	34837	4.711	ug/l #	50
38) Carbon Tetrachloride	7.98	117	46330	5.876	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	153747	59.644	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	153747	124.744	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: VD064692.D

Acq: 31 Dec 2019 13:51

Instrument :

MSVOA_D

ClientSampleId :

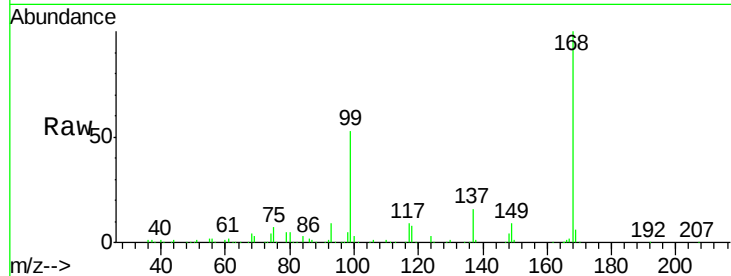
K435-SB3

Tgt Ion: 168 Resp: 490219

Ion Ratio Lower Upper

168 100

99 53.0 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

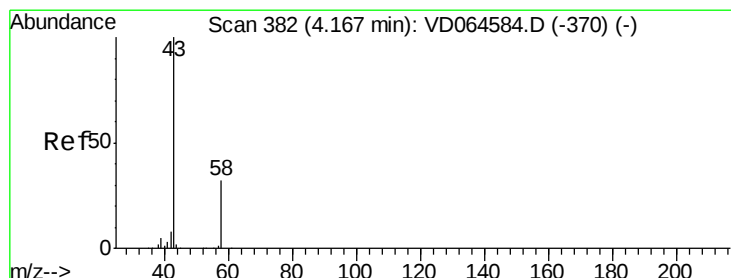
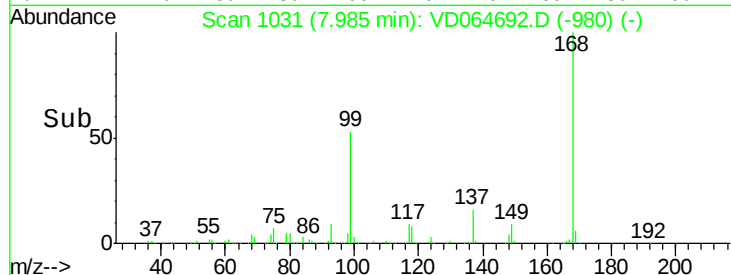
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.422 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.02 min

Lab File: VD064692.D

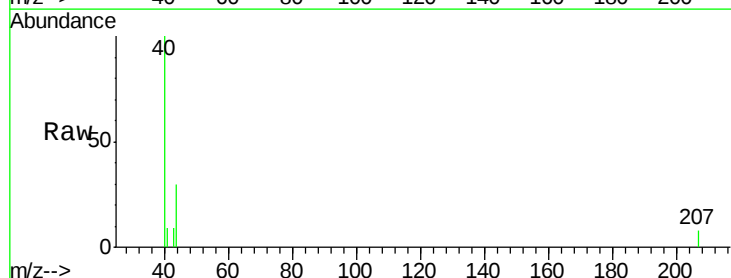
Acq: 31 Dec 2019 13:51

Tgt Ion: 43 Resp: 236

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

4.15

250

200

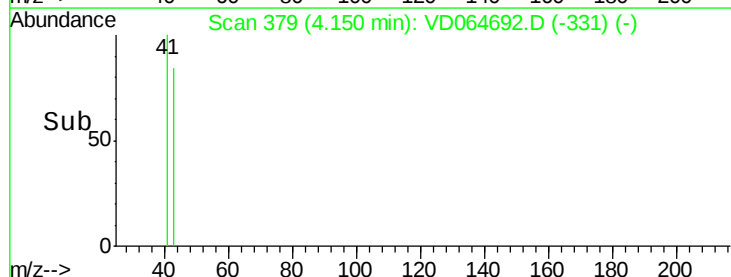
150

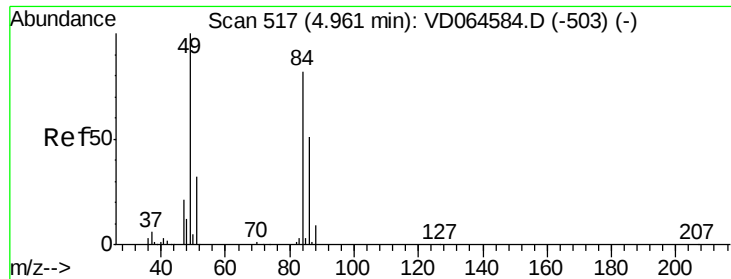
100

50

0

Time-->

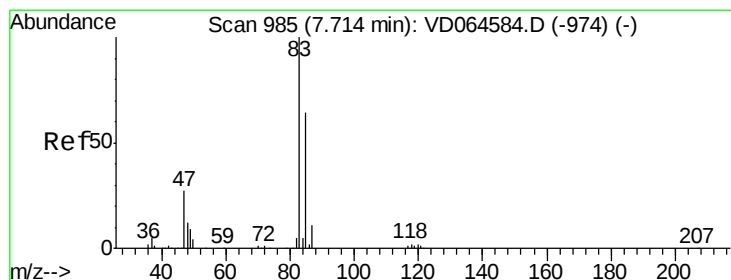
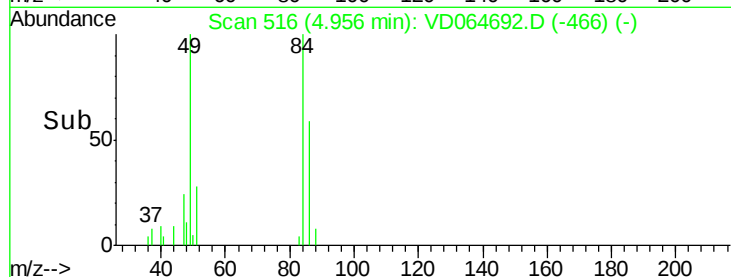
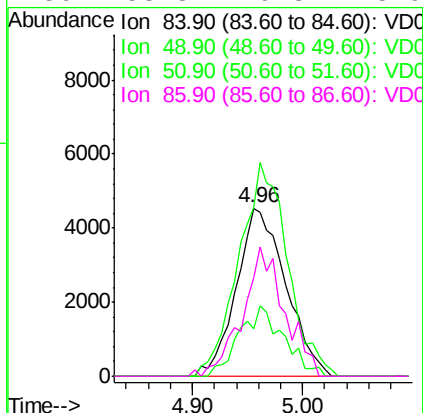
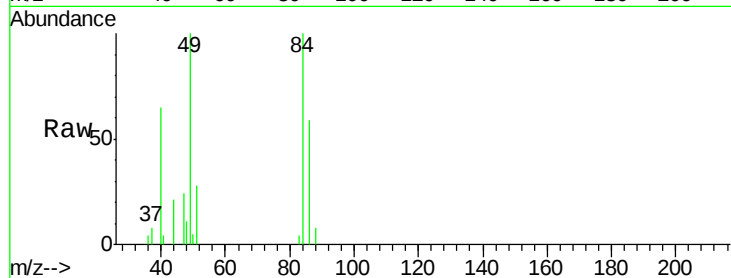




#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD064692.D
Acq: 31 Dec 2019 13:51

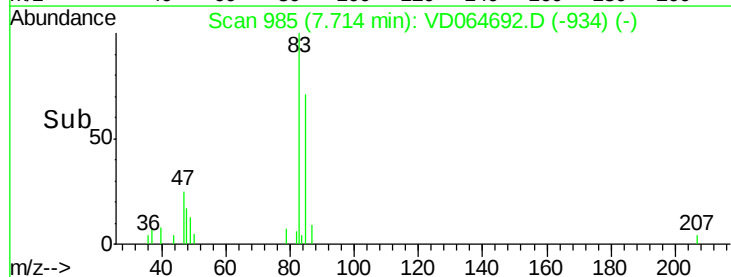
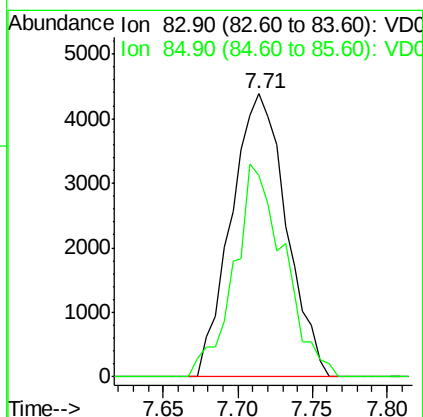
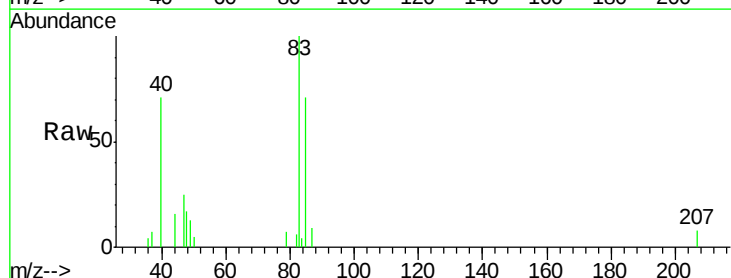
Instrument :
MSVOA_D
ClientSampleId :
K435-SB3

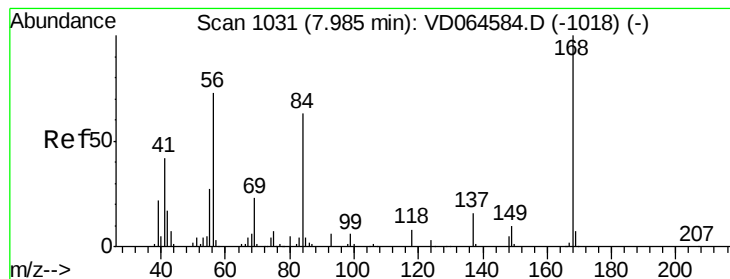
Tgt Ion: 84 Resp: 14238
Ion Ratio Lower Upper
84 100
49 100.5 97.2 145.8
51 28.1 31.4 47.0#
86 58.8 49.3 73.9



#30
Chloroform
Concen: 1.329 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064692.D
Acq: 31 Dec 2019 13:51

Tgt Ion: 83 Resp: 11230
Ion Ratio Lower Upper
83 100
85 71.4 51.1 76.7





#31

Cyclohexane

Concen: 1.374 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064692.D

Acq: 31 Dec 2019 13:51

Instrument :

MSVOA_D

ClientSampleId :

K435-SB3

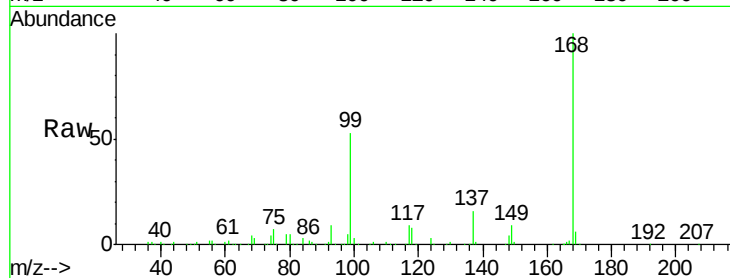
Tgt Ion: 56 Resp: 11075

Ion Ratio Lower Upper

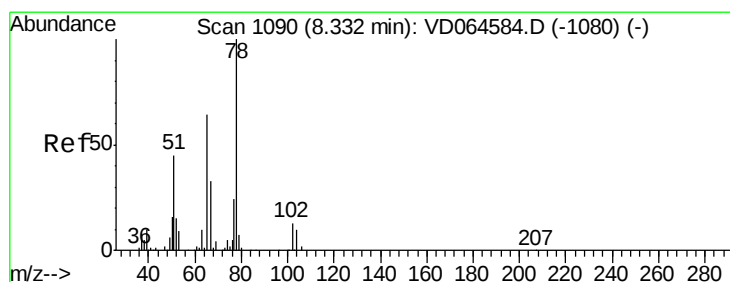
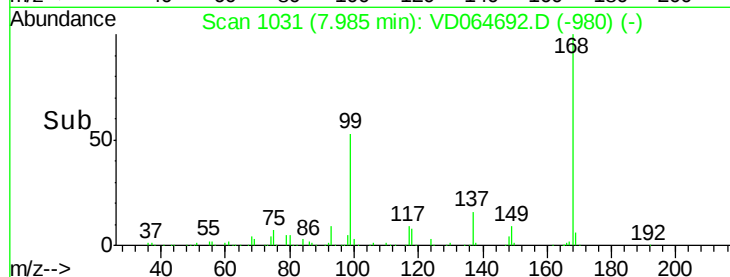
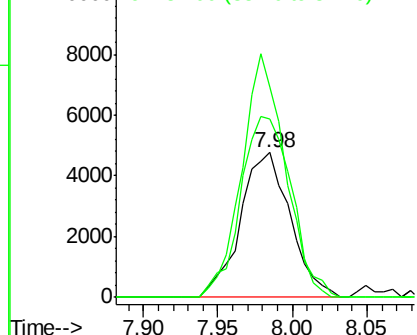
56 100

69 145.2 24.7 37.1#

84 123.6 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: 55.991 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064692.D

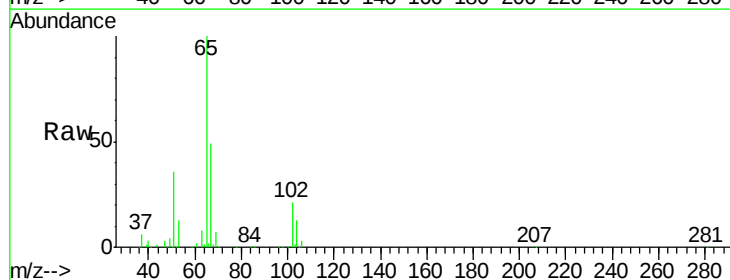
Acq: 31 Dec 2019 13:51

Tgt Ion: 65 Resp: 242034

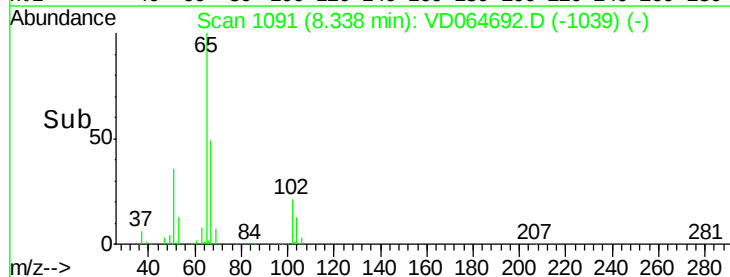
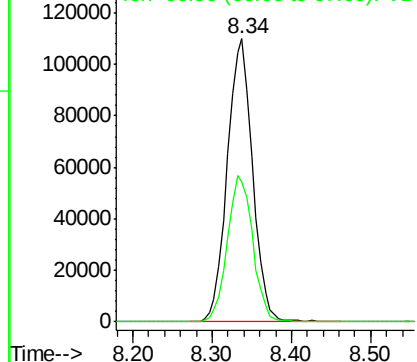
Ion Ratio Lower Upper

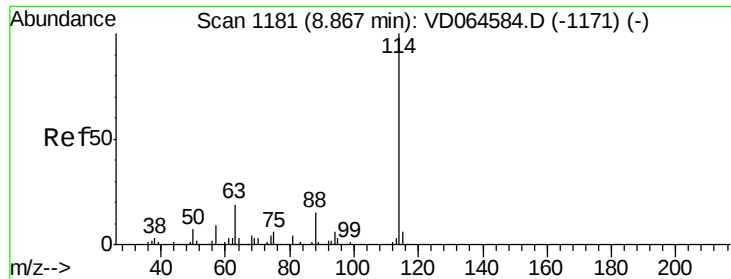
65 100

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

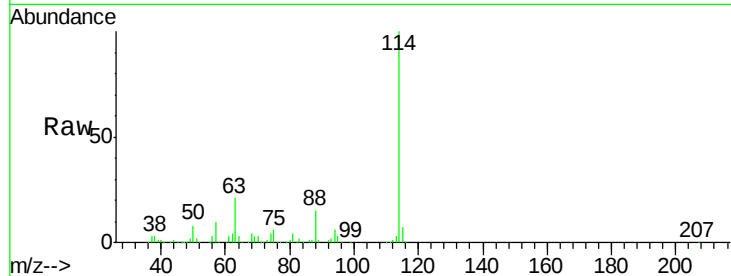




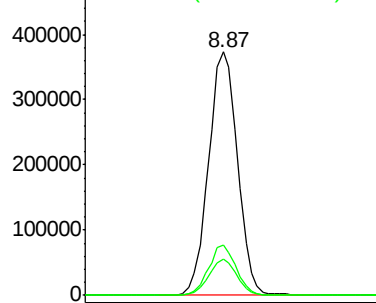
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064692.D
 Acq: 31 Dec 2019 13:51

Instrument :
 MSVOA_D
 ClientSampleId :
 K435-SB3

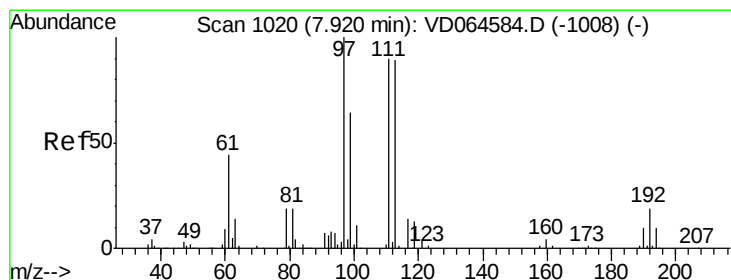
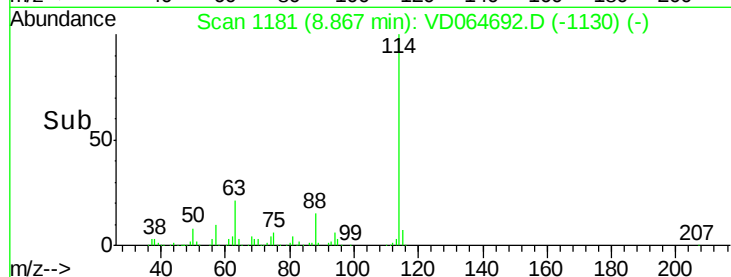
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	38.0
88	14.9	0.0	29.2



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

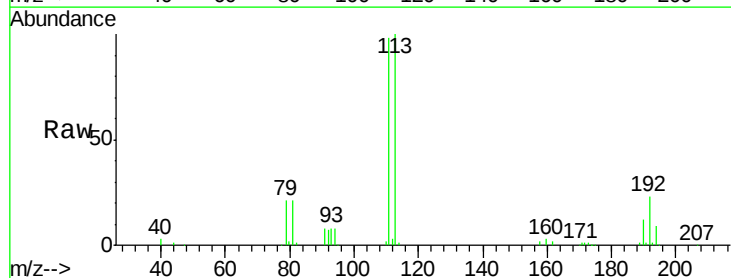


Time-->

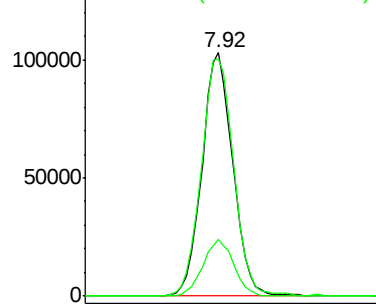


#35
 Dibromofluoromethane
 Concen: 51.502 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064692.D
 Acq: 31 Dec 2019 13:51

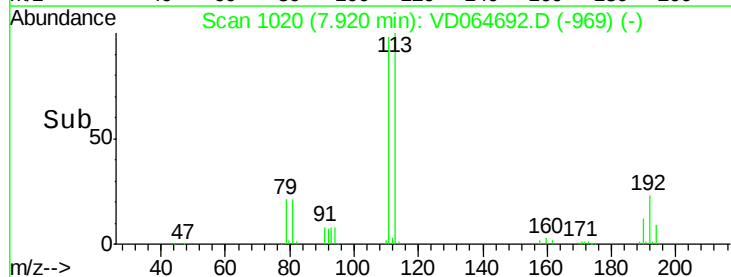
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.6	121.0
192	23.4	17.9	26.9

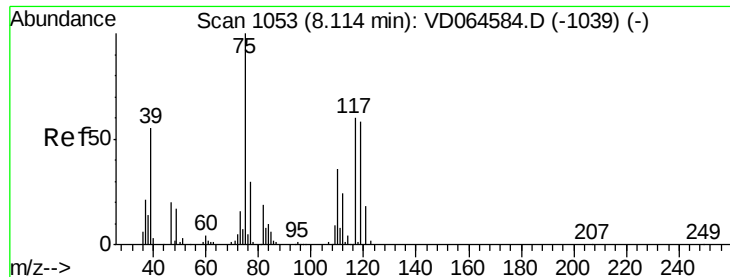


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->





#36

1,1-Dichloropropene

Concen: 4.711 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD064692.D

Acq: 31 Dec 2019 13:51

Instrument :

MSVOA_D

ClientSampleId :

K435-SB3

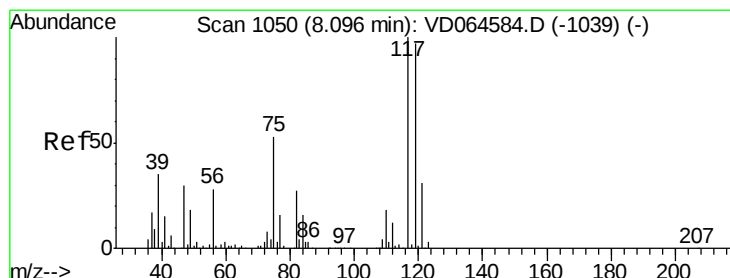
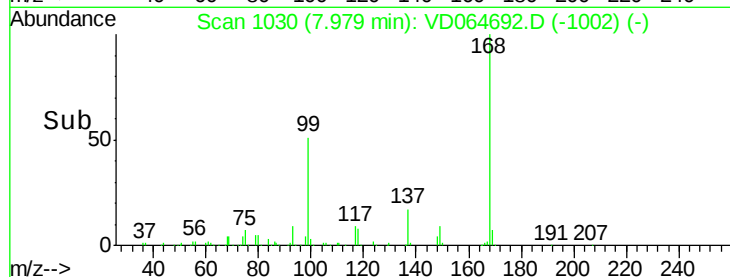
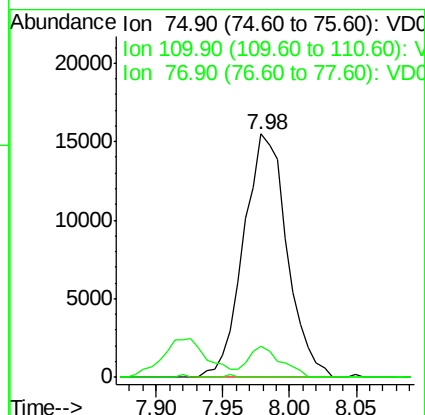
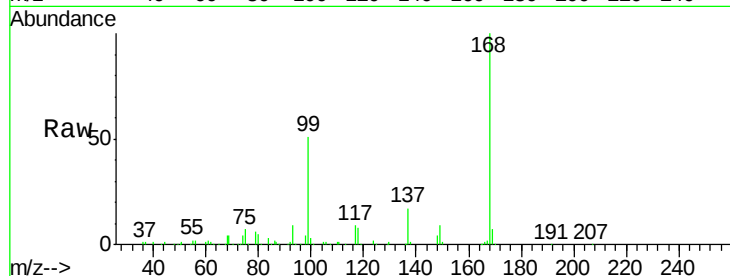
Tgt Ion: 75 Resp: 34837

Ion Ratio Lower Upper

75 100

110 9.9 18.1 54.1#

77 0.0 24.2 36.4#



#38

Carbon Tetrachloride

Concen: 5.876 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064692.D

Acq: 31 Dec 2019 13:51

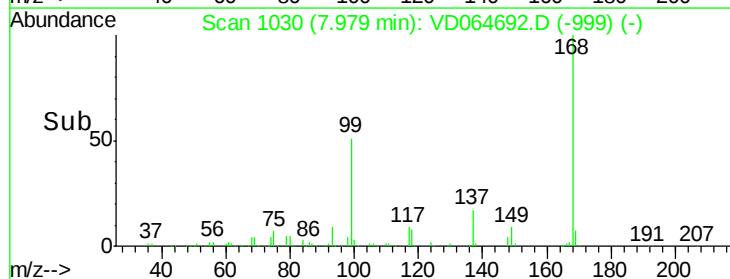
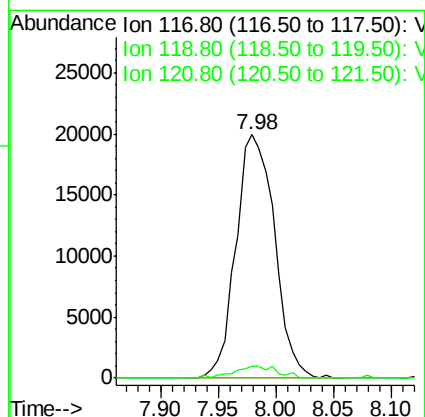
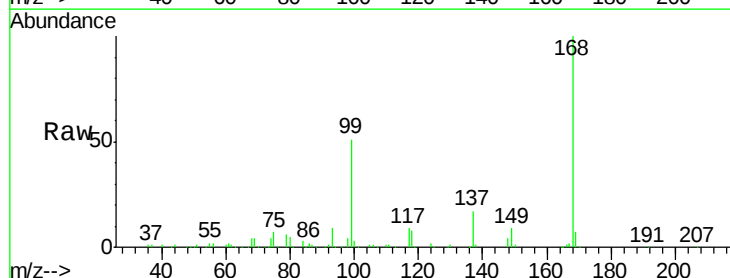
Tgt Ion: 117 Resp: 46330

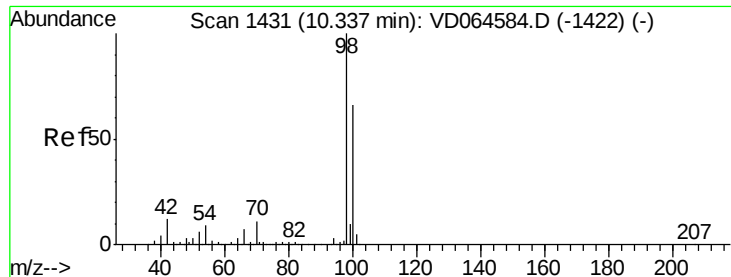
Ion Ratio Lower Upper

117 100

119 5.2 77.3 115.9#

121 0.0 25.0 37.6#

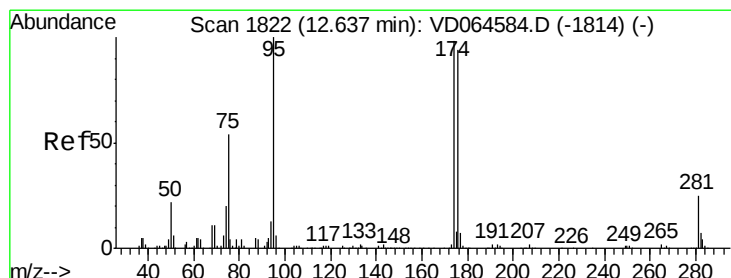
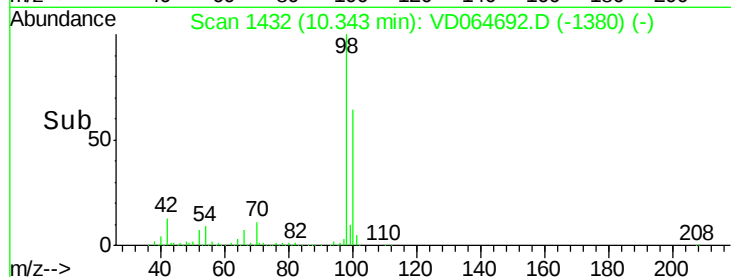
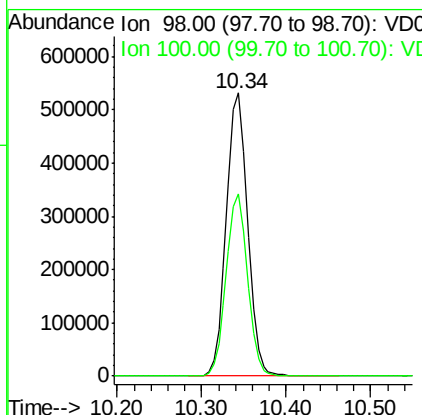
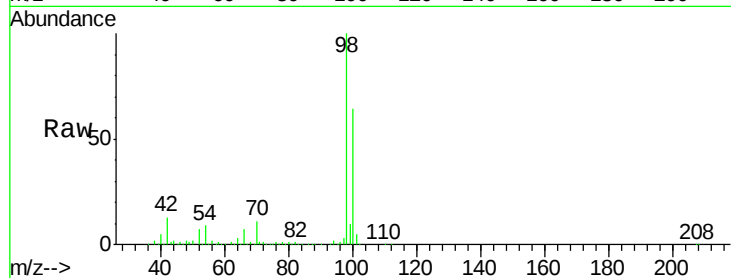




#50
Toluene-d8
Concen: 51.285 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064692.D
Acq: 31 Dec 2019 13:51

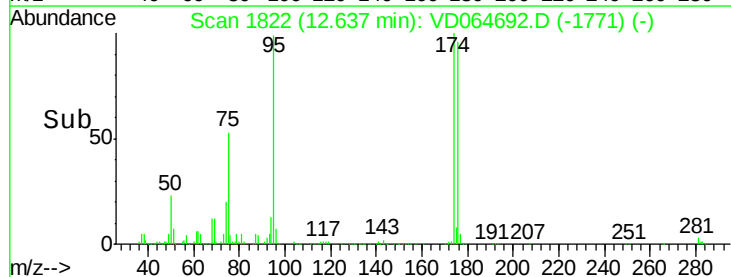
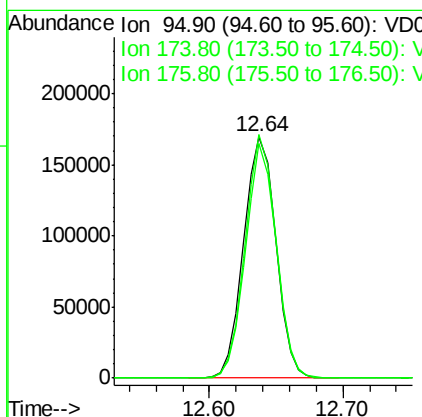
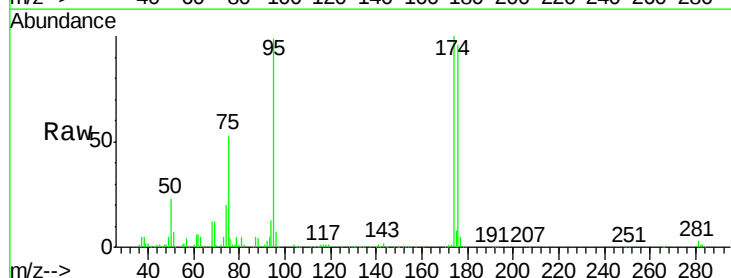
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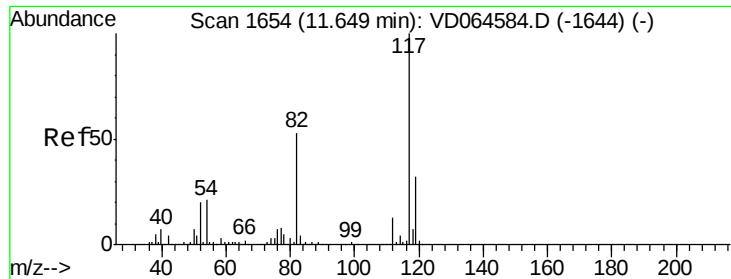
Tgt Ion: 98 Resp: 925810
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 49.502 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064692.D
Acq: 31 Dec 2019 13:51

Tgt Ion: 95 Resp: 282576
Ion Ratio Lower Upper
95 100
174 97.2 0.0 193.2
176 92.7 0.0 184.2

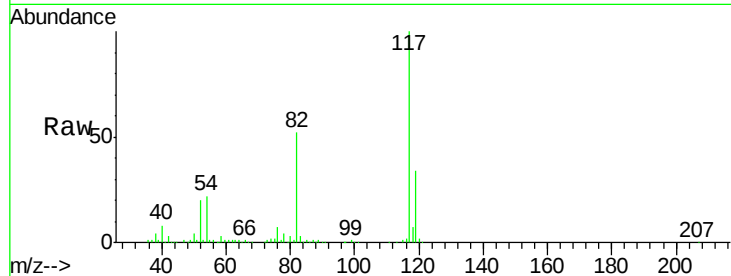




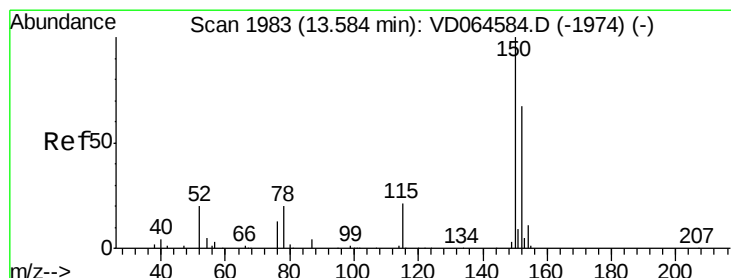
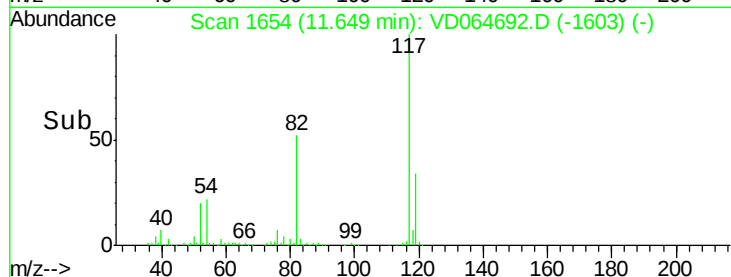
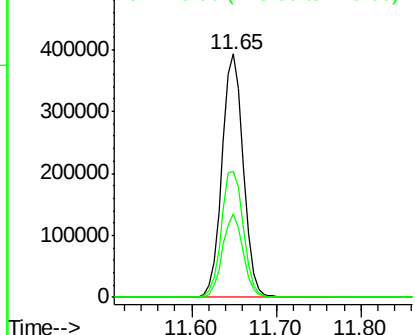
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064692.D
Acq: 31 Dec 2019 13:51

Instrument :
MSVOA_D
ClientSampleId :
K435-SB3

Tgt Ion:117 Resp: 683490
Ion Ratio Lower Upper
117 100
82 52.0 42.2 63.4
119 34.2 26.0 39.0

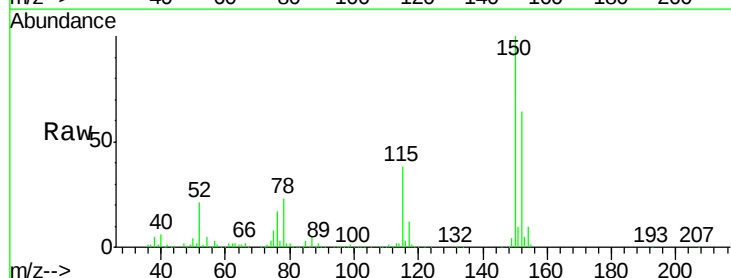


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

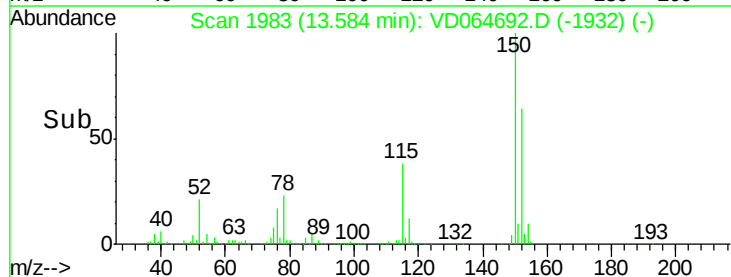
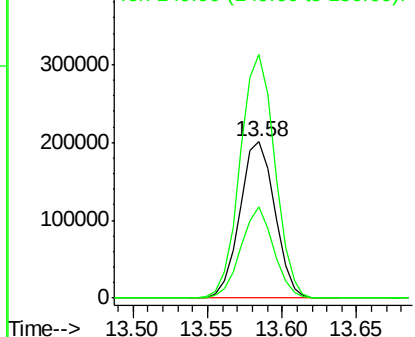


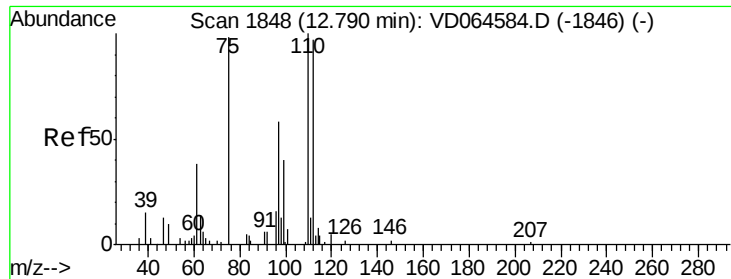
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064692.D
Acq: 31 Dec 2019 13:51

Tgt Ion:152 Resp: 326436
Ion Ratio Lower Upper
152 100
115 54.6 27.8 83.4
150 154.8 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: 59.644 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064692.D

Acq: 31 Dec 2019 13:51

Instrument :

MSVOA_D

ClientSampleId :

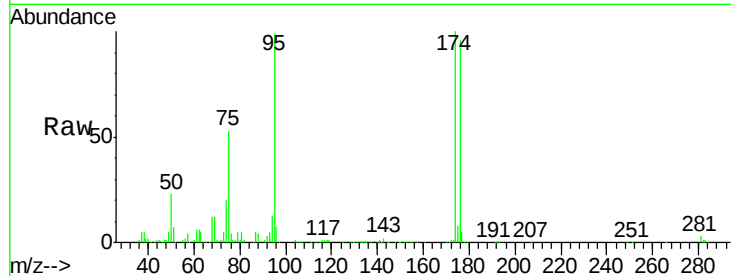
K435-SB3

Tgt Ion: 75 Resp: 153747

Ion Ratio Lower Upper

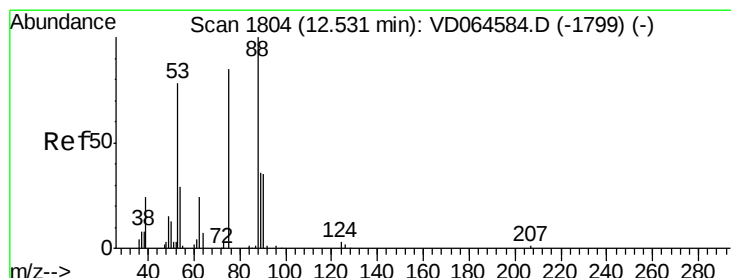
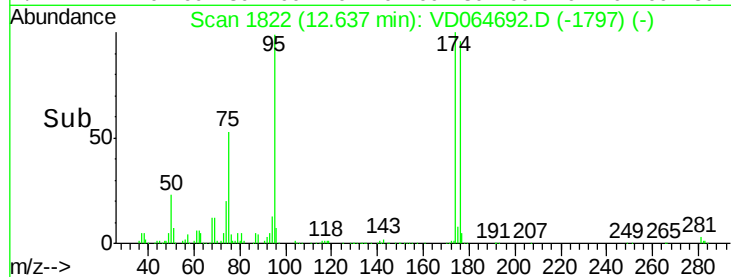
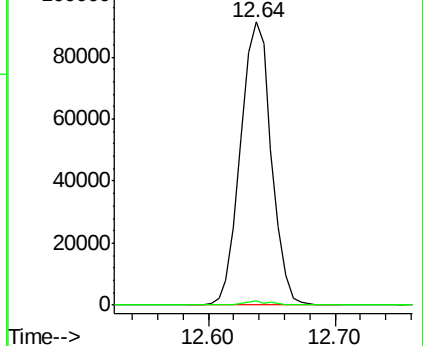
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 124.744 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064692.D

Acq: 31 Dec 2019 13:51

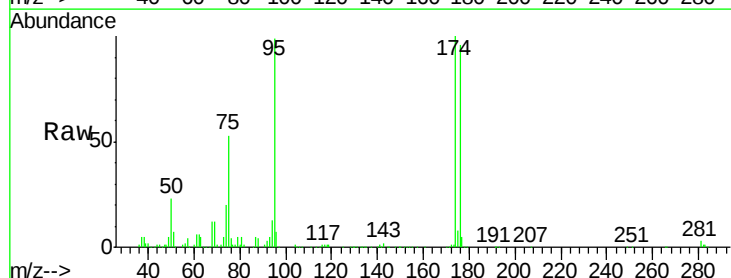
Tgt Ion: 75 Resp: 153747

Ion Ratio Lower Upper

75 100

53 0.0 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

