

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072320\
 Data File : VD066033.D
 Acq On : 23 Jul 2020 19:15
 Operator : VA/SY
 Sample : L3373-02
 Misc : 7.19G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-03-016-ABCD

Quant Time: Jul 24 03:09:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

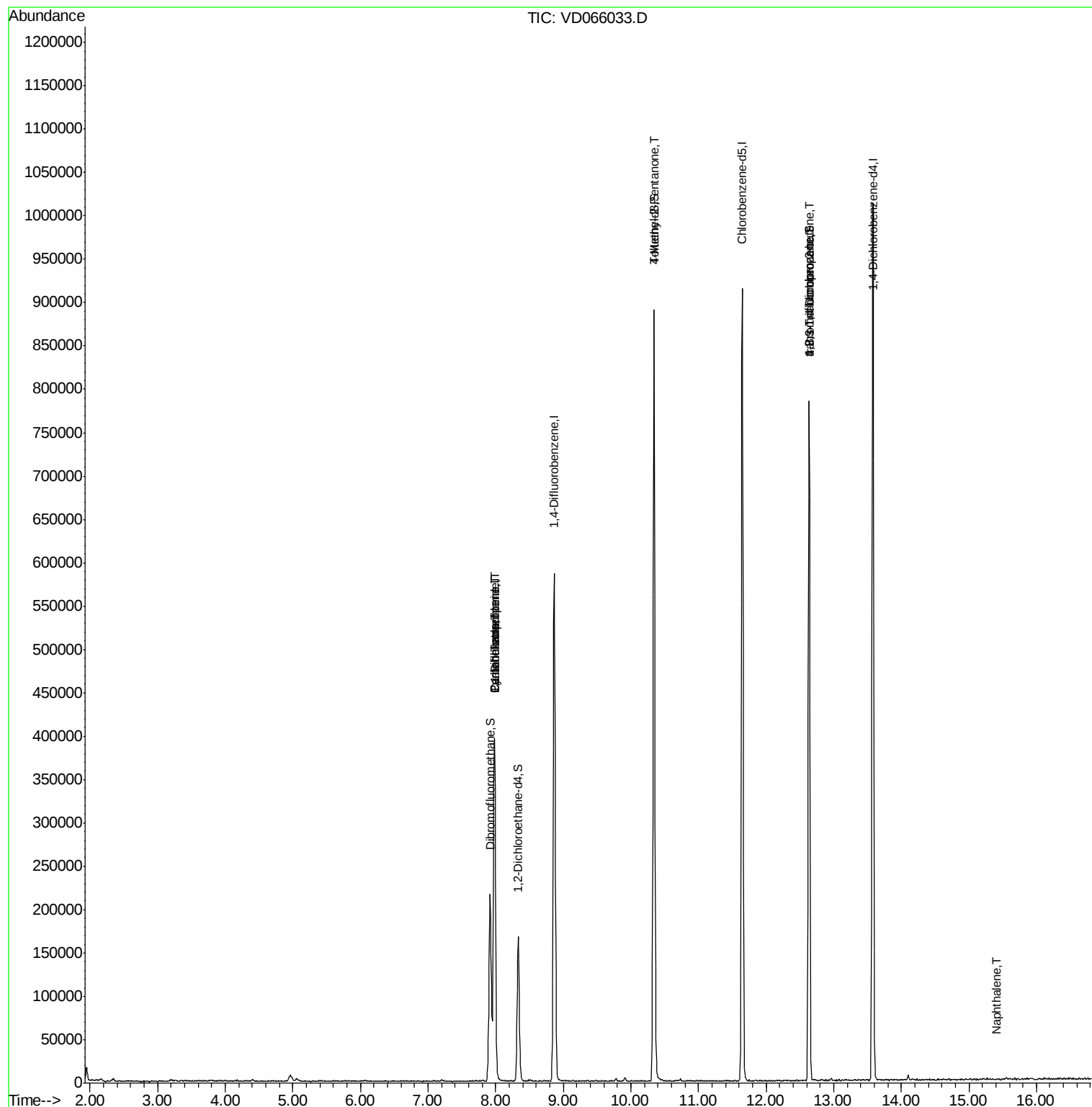
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	323402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	516571	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	539527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	293035	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	131117	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.66%	
35) Dibromofluoromethane	7.92	113	152056	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
50) Toluene-d8	10.34	98	620264	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.64	95	243914	60.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.54%	
Target Compounds						
20) Methylene Chloride	4.96	84	5393	Below Cal		97
31) Cyclohexane	7.98	56	5829	1.231	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	22830	5.178	ug/l #	48
38) Carbon Tetrachloride	7.98	117	29125	6.088	ug/l #	18
51) 4-Methyl-2-Pentanone	10.34	43	2682	1.619	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	124187	56.285	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	124187	129.154	ug/l #	11
95) Naphthalene	15.41	128	139	3.561	ug/l #	68

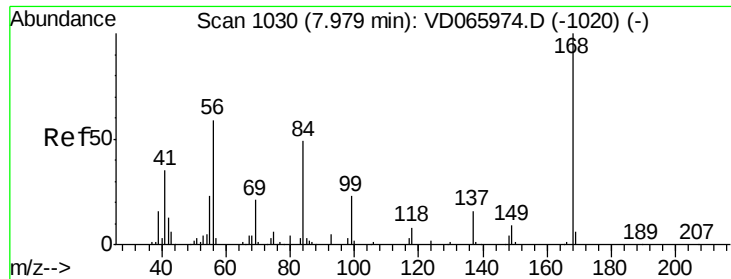
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072320\
Data File : VD066033.D
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FK-BPM-03-016-ABCD

Quant Time: Jul 24 03:09:16 2020
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Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD066033.D

Acq: 23 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

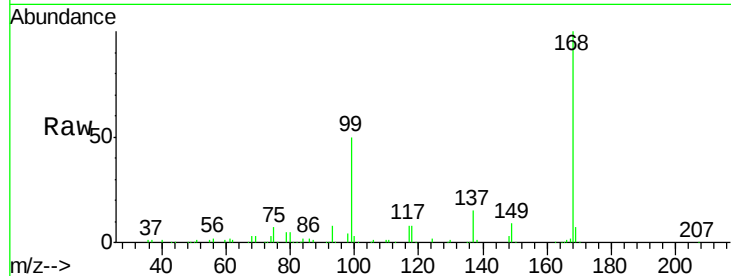
FK-BPM-03-016-ABCD

Tot Ion:168 Resp: 323402

Ion Ratio Lower Upper

168 100

99 50.4 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

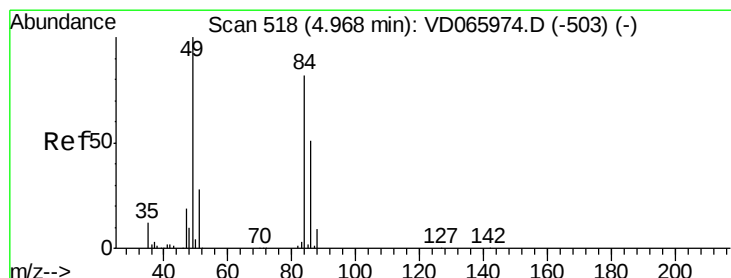
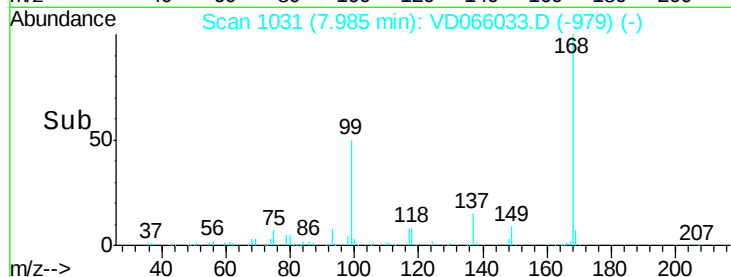
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD066033.D

Acq: 23 Jul 2020 19:15

Tgt Ion: 84 Resp: 5393

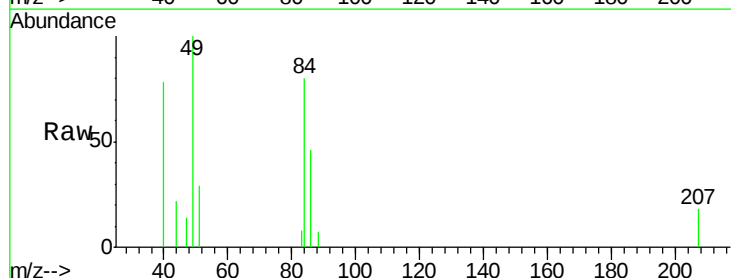
Ion Ratio Lower Upper

84 100

49 124.5 97.7 146.5

51 35.7 27.4 41.2

86 57.1 49.4 74.2



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

4.96

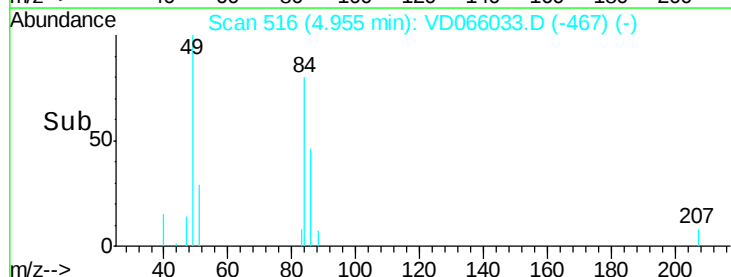
3000

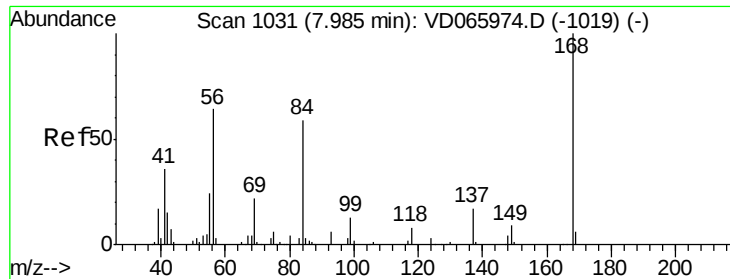
2000

1000

0

Time-->

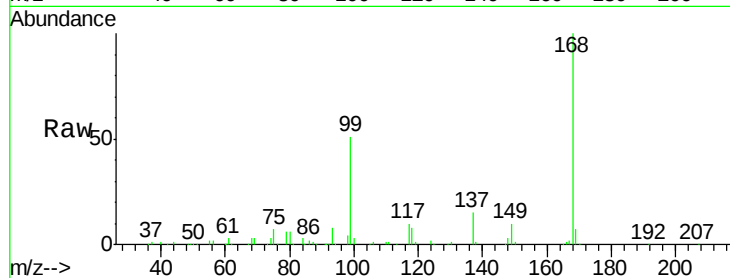




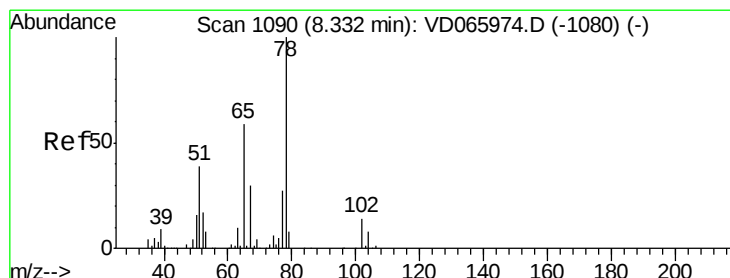
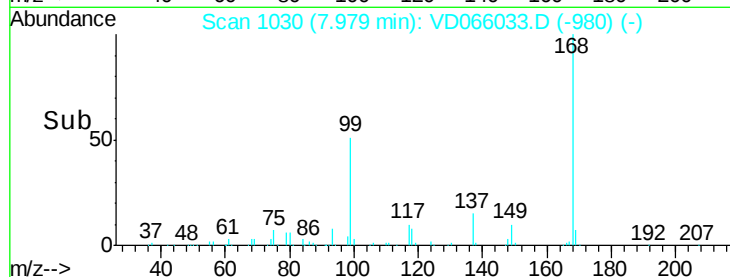
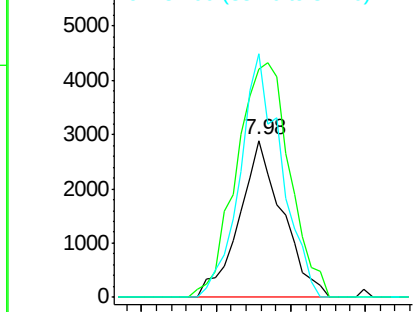
#31
Cyclohexane
Concen: 1.231 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066033.D
Acq: 23 Jul 2020 19:15

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-03-016-ABCD

Tot Ion: 56 Resp: 5829
Ion Ratio Lower Upper
56 100
69 145.1 28.0 42.0#
84 155.1 72.6 109.0#

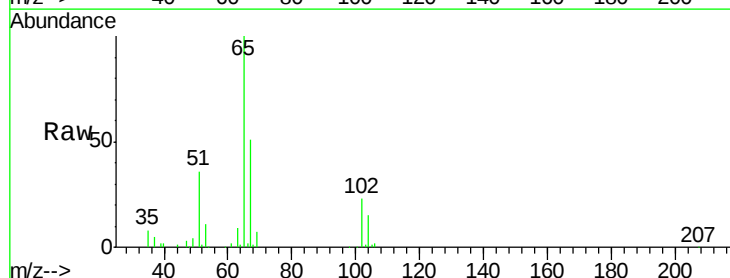


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

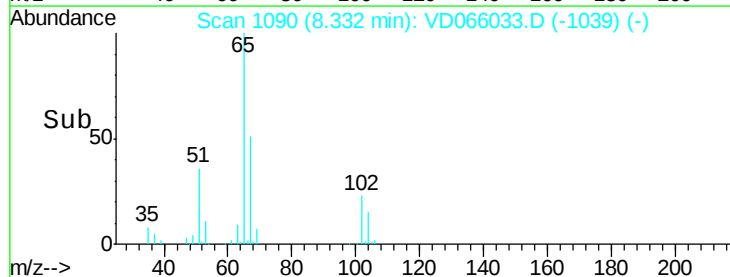
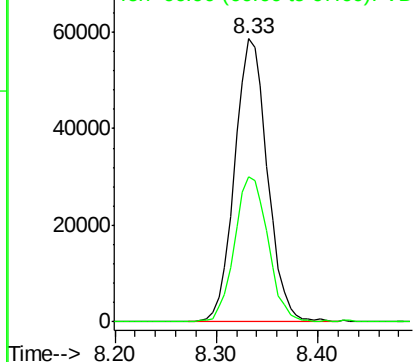


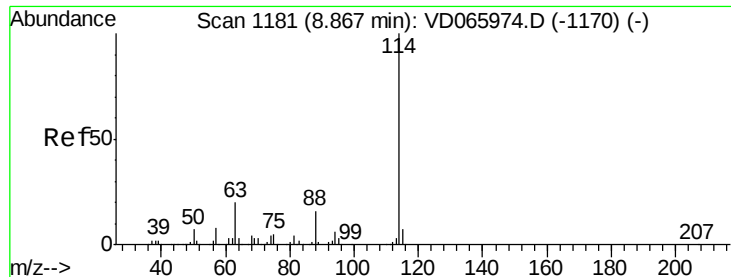
#33
1,2-Dichloroethane-d4
Concen: 49.826 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD066033.D
Acq: 23 Jul 2020 19:15

Tgt Ion: 65 Resp: 131117
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.0



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

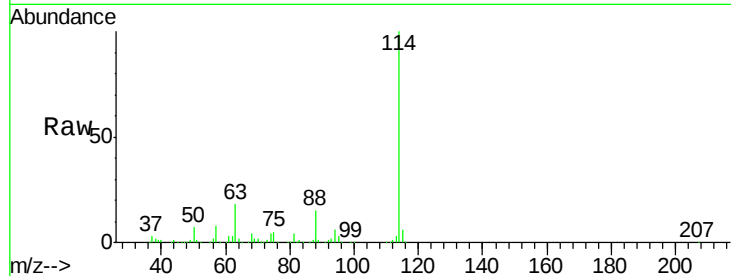




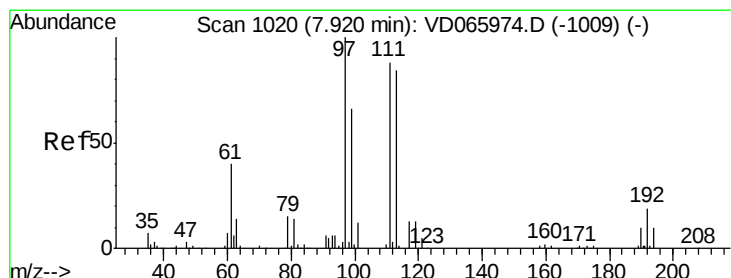
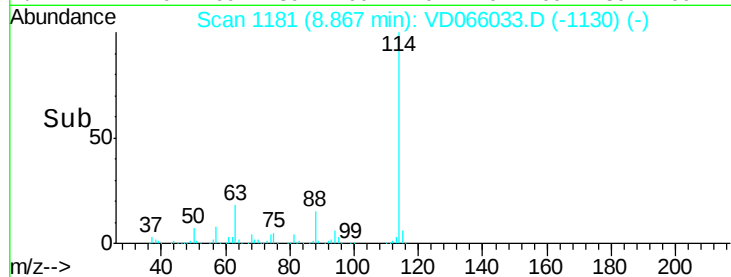
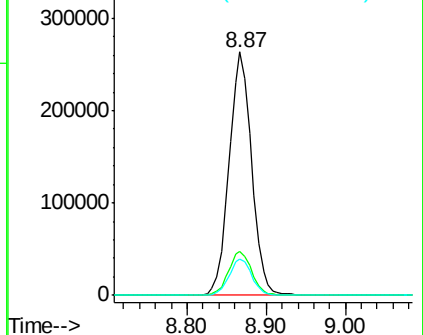
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD066033.D
 Acq: 23 Jul 2020 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-03-016-ABCD

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	39.6
88	15.0	0.0	31.2

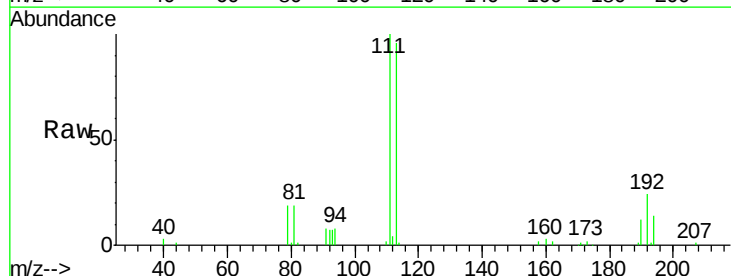


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

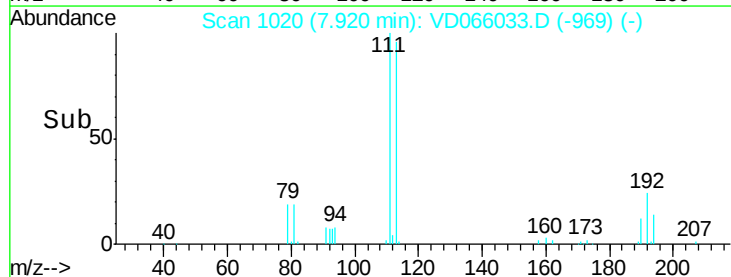
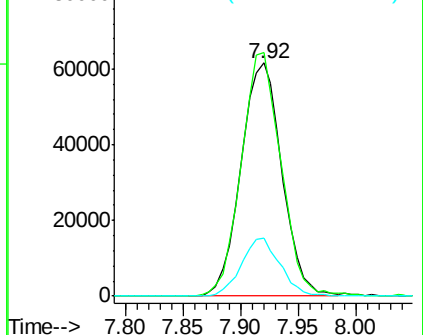


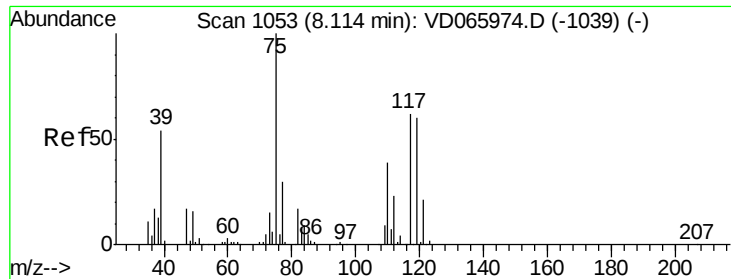
#35
 Dibromofluoromethane
 Concen: 48.531 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD066033.D
 Acq: 23 Jul 2020 19:15

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.2	124.8
192	23.6	18.7	28.1



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





#36

1,1-Dichloropropene

Concen: 5.178 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD066033.D

Acq: 23 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-03-016-ABCD

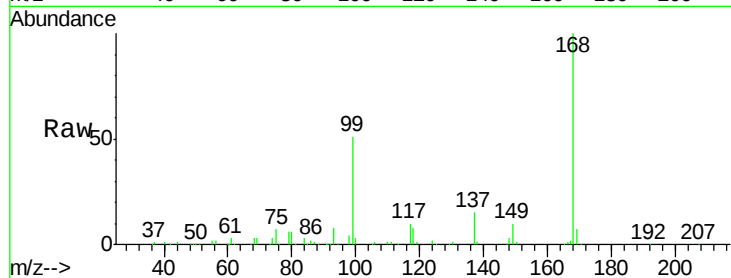
Tot Ion: 75 Resp: 22830

Ion Ratio Lower Upper

75 100

110 9.0 19.5 58.5#

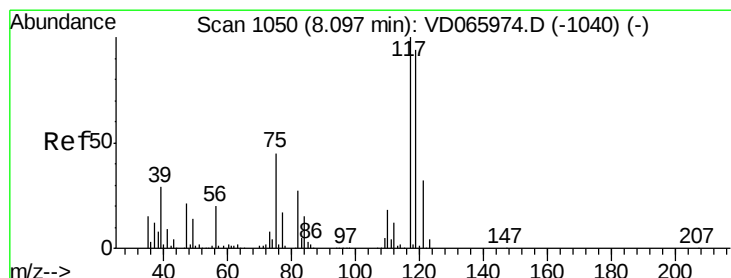
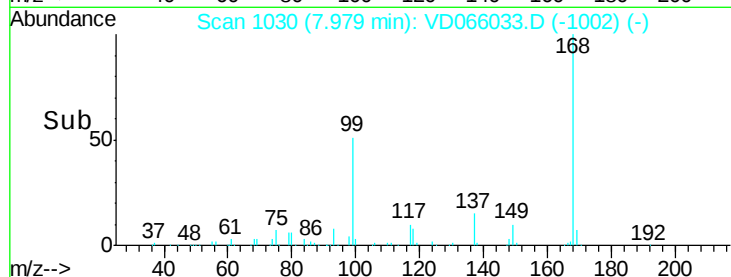
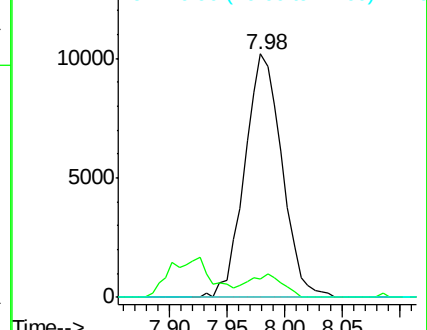
77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VD065974.D (-1039) (-)

Ion 109.90 (109.60 to 110.60): VD065974.D (-1039) (-)

Ion 76.90 (76.60 to 77.60): VD065974.D (-1039) (-)



#38

Carbon Tetrachloride

Concen: 6.088 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD066033.D

Acq: 23 Jul 2020 19:15

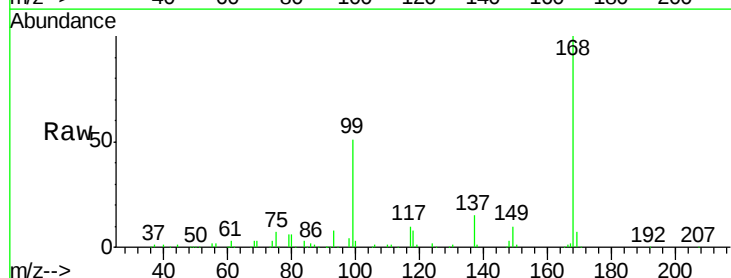
Tgt Ion: 117 Resp: 29125

Ion Ratio Lower Upper

117 100

119 6.5 75.0 112.6#

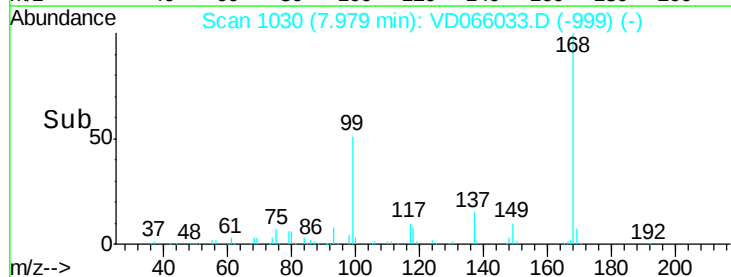
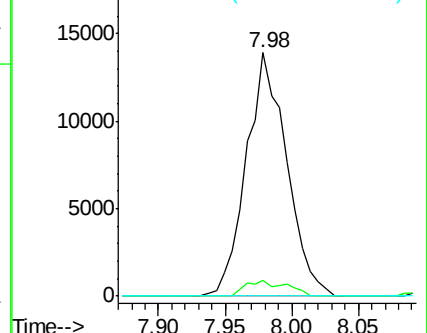
121 0.0 25.5 38.3#

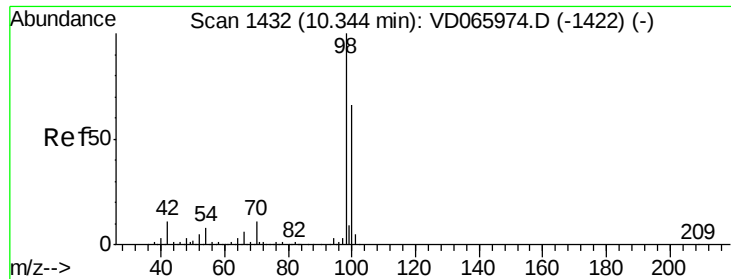


Abundance Ion 116.80 (116.50 to 117.50): VD065974.D (-1040) (-)

Ion 118.80 (118.50 to 119.50): VD065974.D (-1040) (-)

Ion 120.80 (120.50 to 121.50): VD065974.D (-1040) (-)

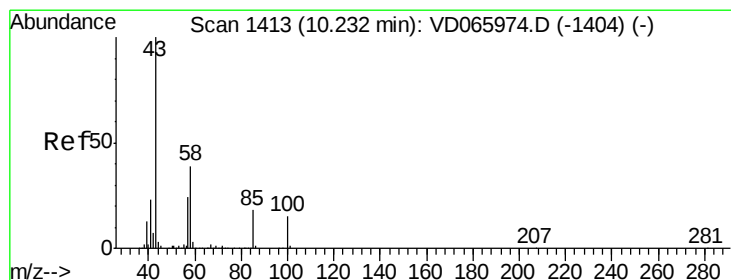
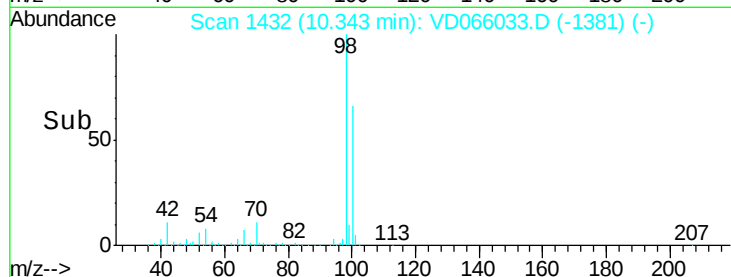
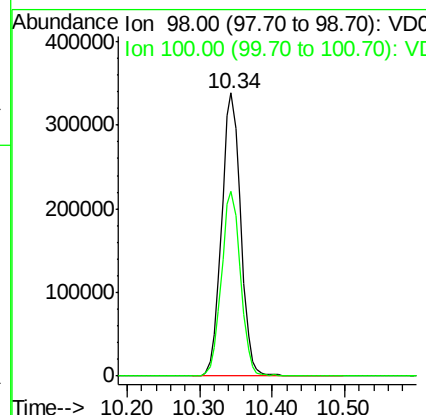
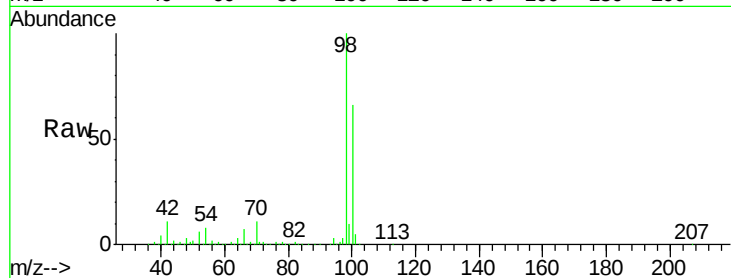




#50
Toluene-d8
Concen: 53.142 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD066033.D
Acq: 23 Jul 2020 19:15

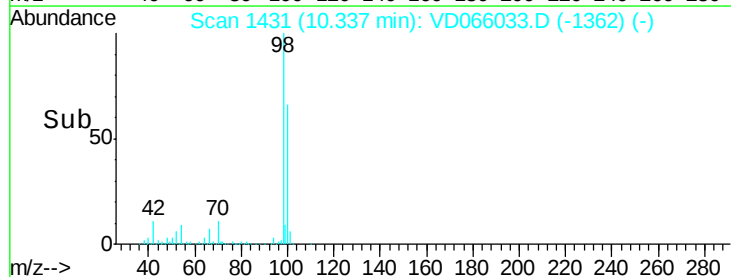
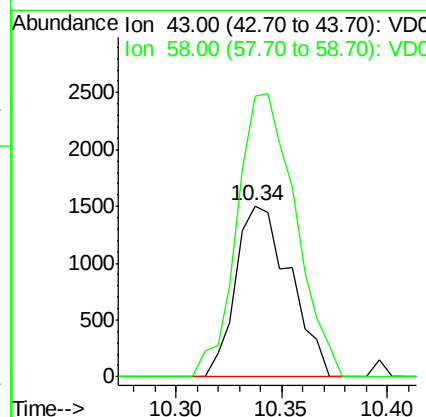
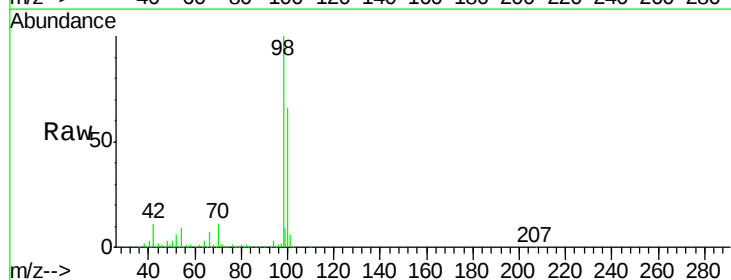
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-03-016-ABCD

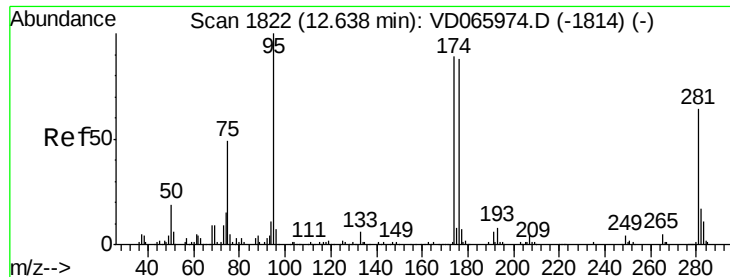
Tot Ion: 98 Resp: 620264
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.619 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.11 min
Lab File: VD066033.D
Acq: 23 Jul 2020 19:15

Tgt Ion: 43 Resp: 2682
Ion Ratio Lower Upper
43 100
58 178.0 31.3 46.9#





#62

4-Bromofluorobenzene

Concen: 60.269 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD066033.D

Acq: 23 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-03-016-ABCD

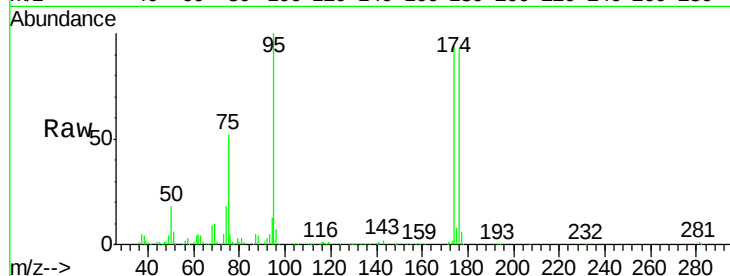
Tot Ion: 95 Resp: 243914

Ion Ratio Lower Upper

95 100

174 94.1 0.0 178.8

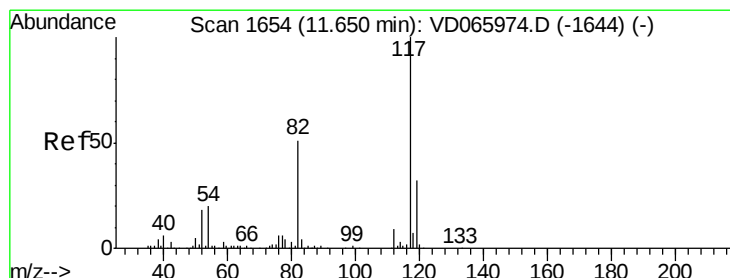
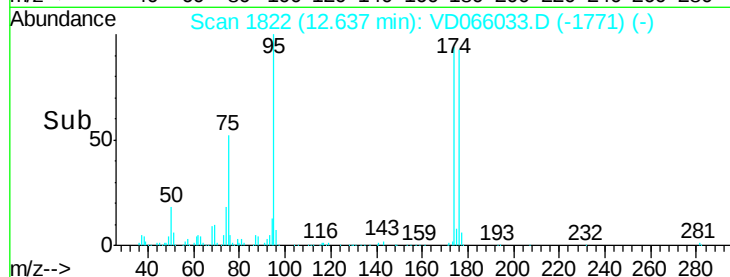
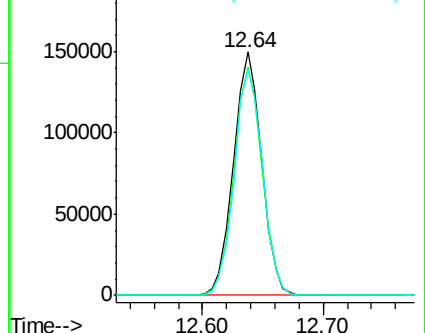
176 92.7 0.0 172.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD066033.D

Acq: 23 Jul 2020 19:15

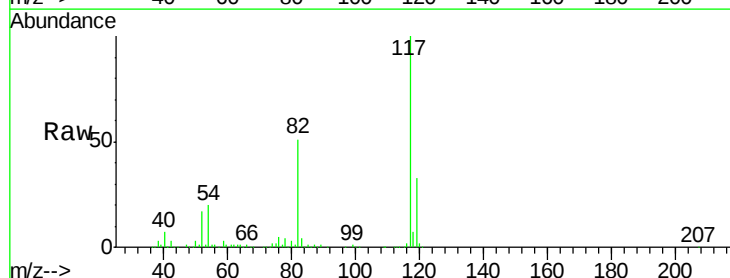
Tgt Ion: 117 Resp: 539527

Ion Ratio Lower Upper

117 100

82 50.8 41.1 61.7

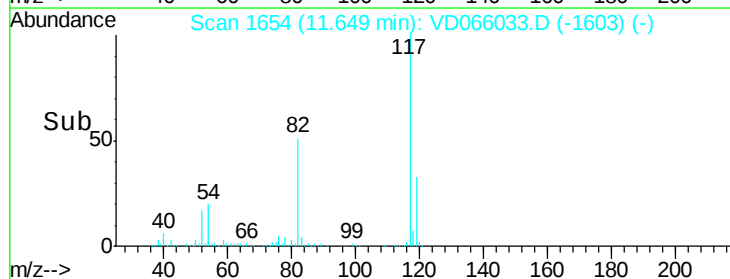
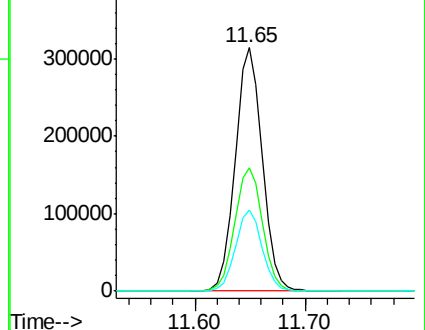
119 33.3 25.9 38.9

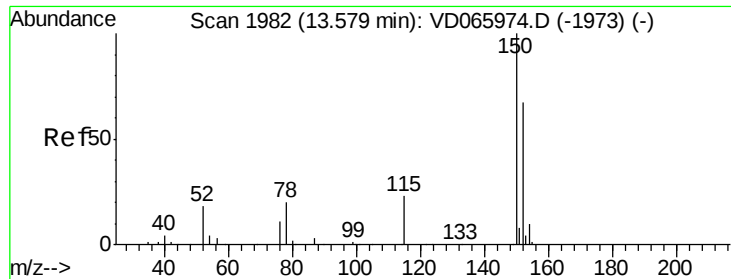


Abundance Ion 116.90 (116.60 to 117.60): V

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. 0.01 min

Lab File: VD066033.D

Acq: 23 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-03-016-ABCD

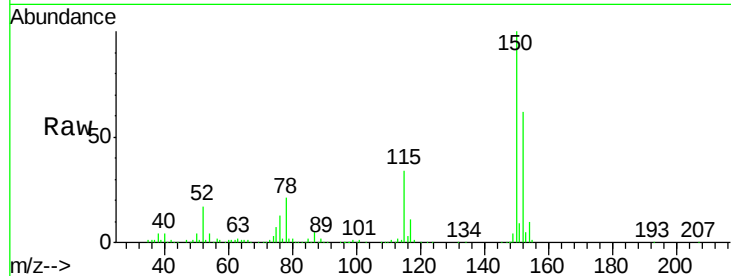
Tot Ion:152 Resp: 293035

Ion Ratio Lower Upper

152 100

115 55.2 27.9 83.7

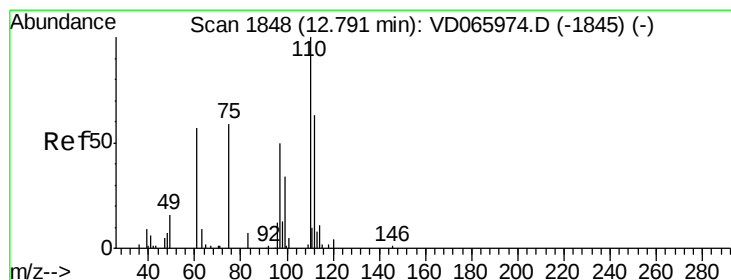
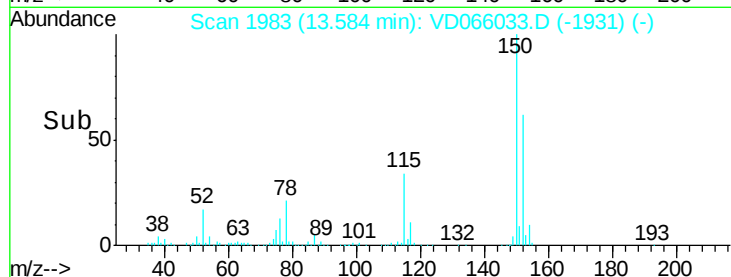
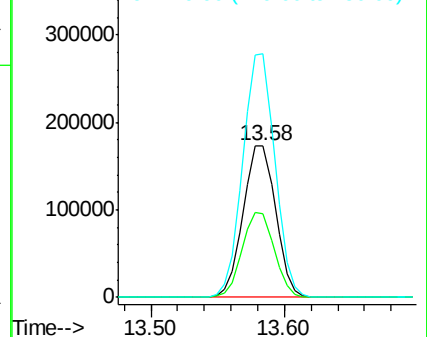
150 158.1 0.0 348.2



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: 56.285 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD066033.D

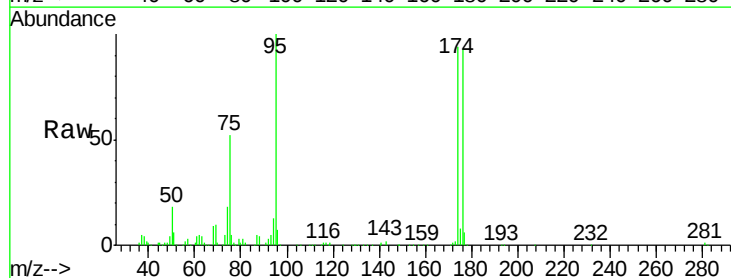
Acq: 23 Jul 2020 19:15

Tgt Ion: 75 Resp: 124187

Ion Ratio Lower Upper

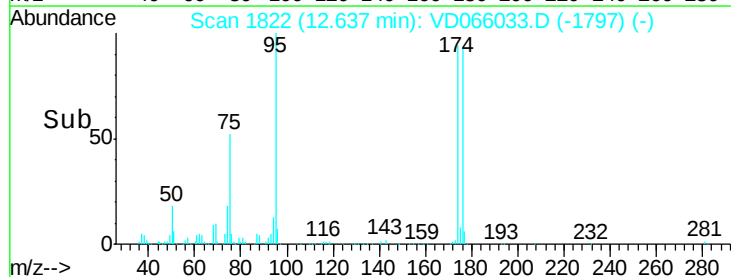
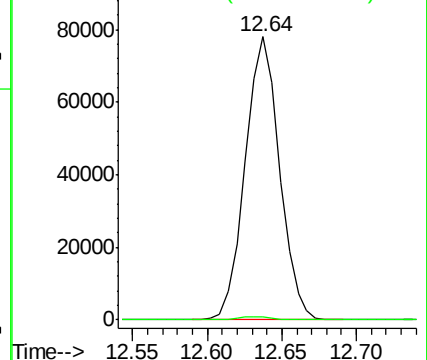
75 100

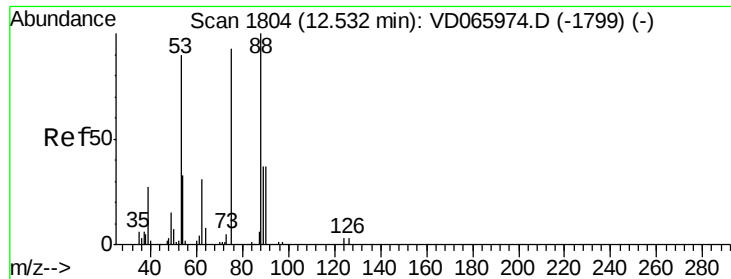
77 1.1 0.0 0.0#



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: 129.154 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD066033.D

Acq: 23 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-03-016-ABCD

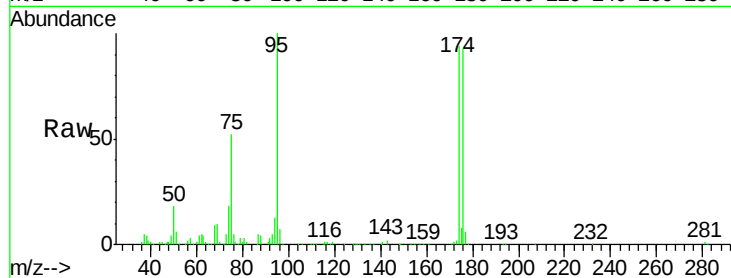
Tot Ion: 75 Resp: 124187

Ion Ratio Lower Upper

75 100

53 0.1 76.8 115.2#

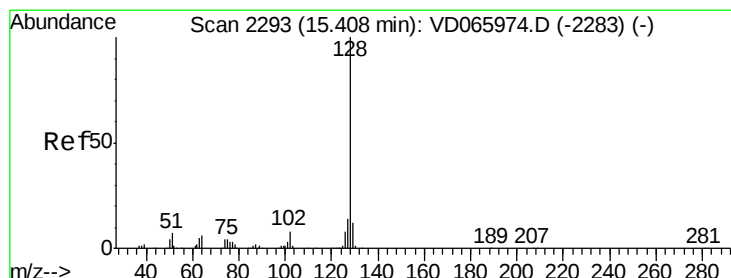
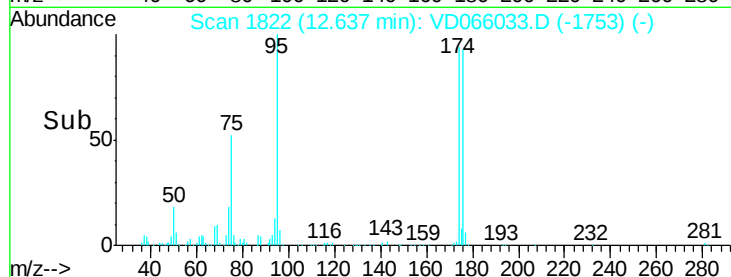
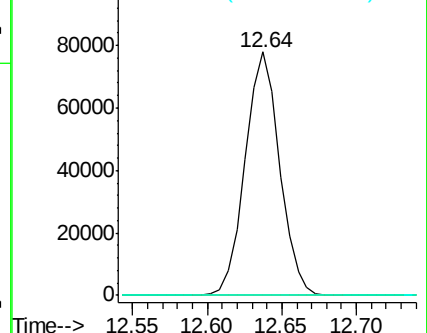
89 0.1 37.0 55.4#



Abundance Ion 74.90 (74.60 to 75.60): VD066033.D (-1753) (-)

Ion 53.00 (52.70 to 53.70): VD066033.D (-1753) (-)

Ion 88.90 (88.60 to 89.60): VD066033.D (-1753) (-)



#95

Naphthalene

Concen: 3.561 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066033.D

Acq: 23 Jul 2020 19:15

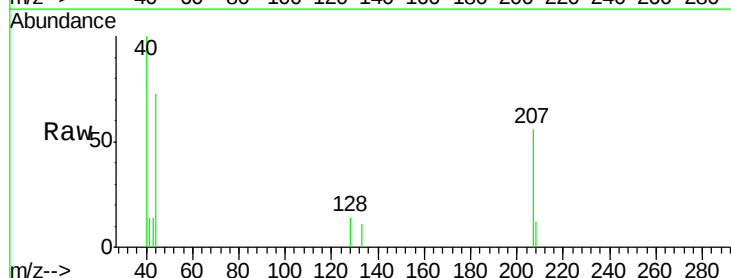
Tgt Ion: 128 Resp: 139

Ion Ratio Lower Upper

128 100

127 0.0 10.8 16.2#

129 0.0 8.9 13.3#



Abundance Ion 128.00 (127.70 to 128.70): VD066033.D (-2242) (-)

Ion 127.00 (126.70 to 127.70): VD066033.D (-2242) (-)

Ion 129.00 (128.70 to 129.70): VD066033.D (-2242) (-)

