

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010920\
 Data File : VD064819.D
 Acq On : 09 Jan 2020 16:17
 Operator : VA/SY
 Sample : L1051-06
 Misc : 7.99G/5.00ml/MSVOA D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 10 05:41:52 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

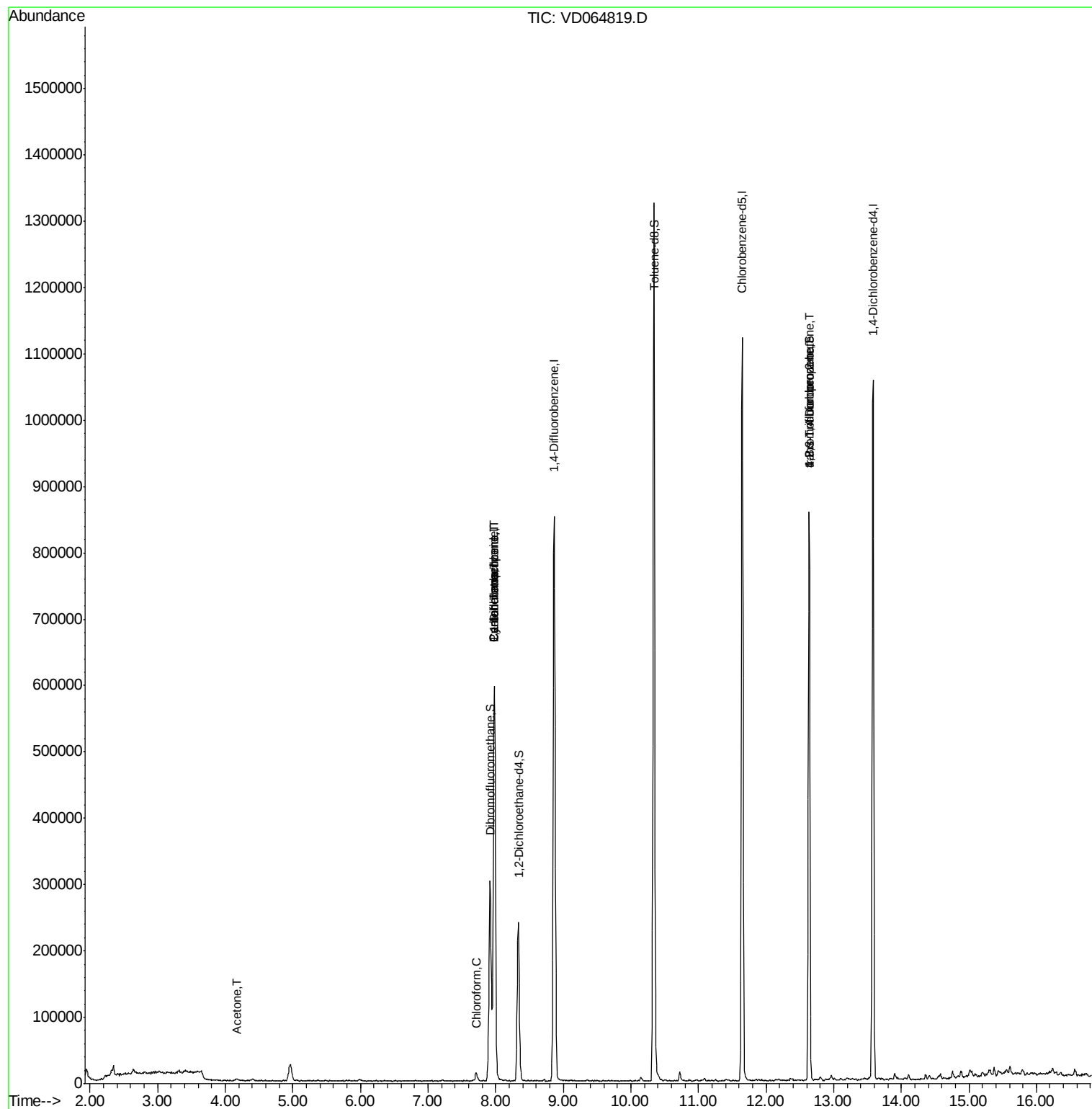
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	463733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	725176	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	626067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	279589	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	191551	46.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.68%	
35) Dibromofluoromethane	7.92	113	205473	46.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.36%	
50) Toluene-d8	10.34	98	869452	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.64	95	251856	46.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.48%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	4060	8.339	ug/l #	85
20) Methylene Chloride	4.96	84	18551	Below Cal		94
30) Chloroform	7.71	83	9553	1.195	ug/l	92
31) Cyclohexane	7.97	56	11042	1.448	ug/l #	43
36) 1,1-Dichloropropene	7.98	75	33236	4.762	ug/l #	50
38) Carbon Tetrachloride	7.98	117	43919	5.901	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	134079	60.729	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	134079	127.014	ug/l #	10

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

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Quant Time: Jan 10 05:41:52 2020
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# 1030

Delta R.T. -0.01 min

Lab File: VD064819.D

Acq: 09 Jan 2020 16:17

Instrument :

MSVOA_D

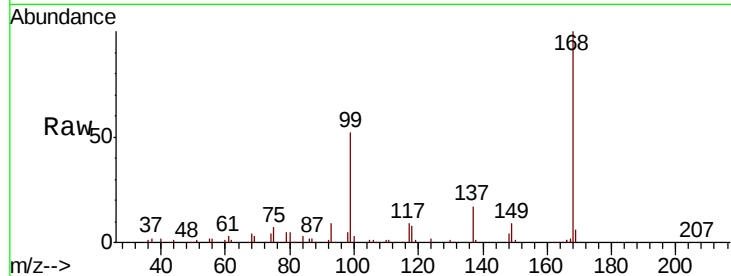
ClientSampleId :

Tot Ion:168 Resp: 463733

Ion Ratio Lower Upper

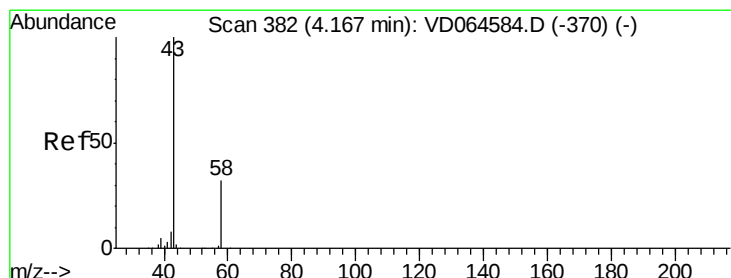
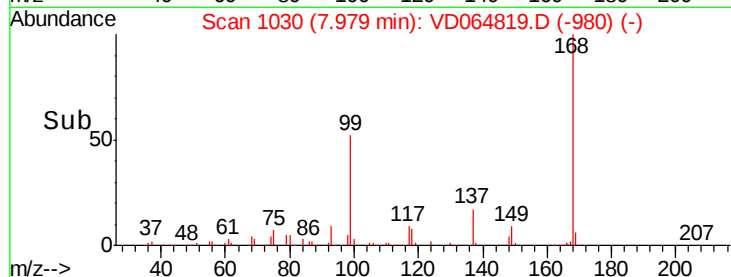
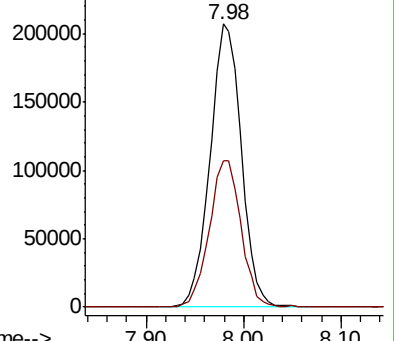
168 100

99 51.5 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 8.339 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064819.D

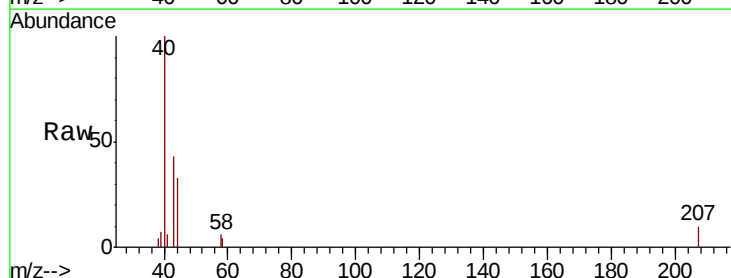
Acq: 09 Jan 2020 16:17

Tgt Ion: 43 Resp: 4060

Ion Ratio Lower Upper

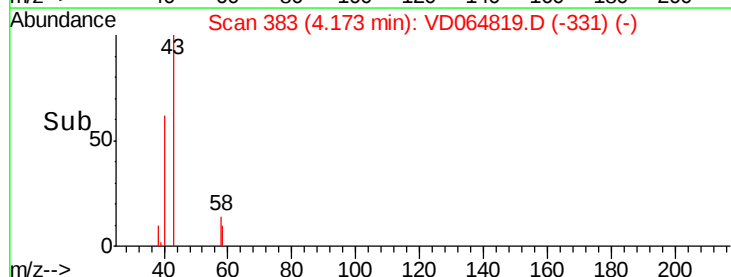
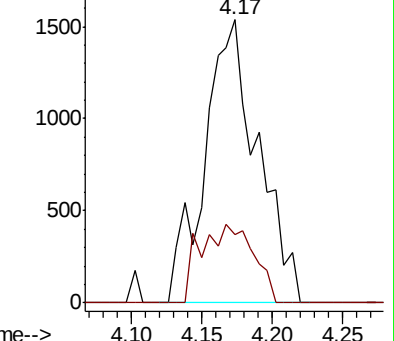
43 100

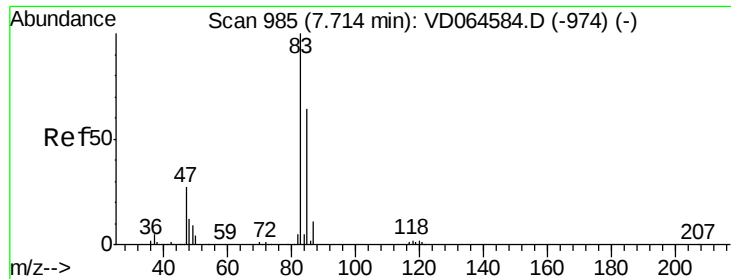
58 23.9 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

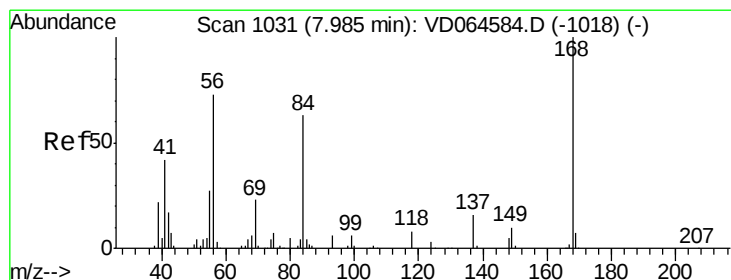
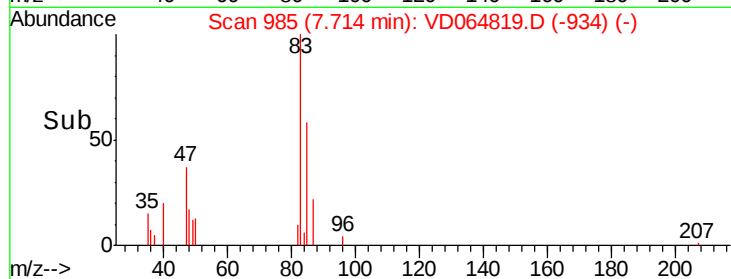
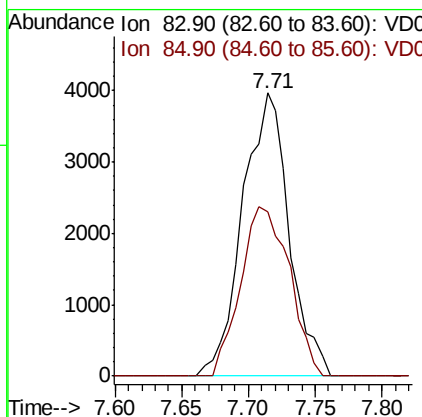
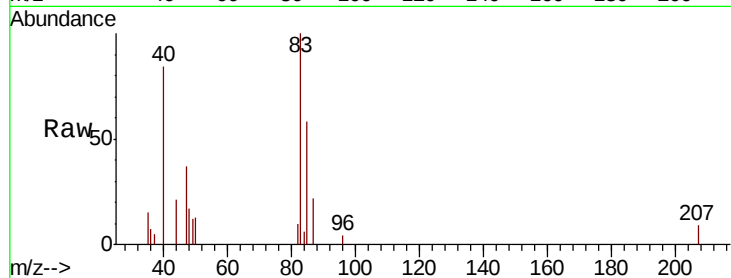




#30
Chloroform
Concen: 1.195 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064819.D
Acq: 09 Jan 2020 16:17

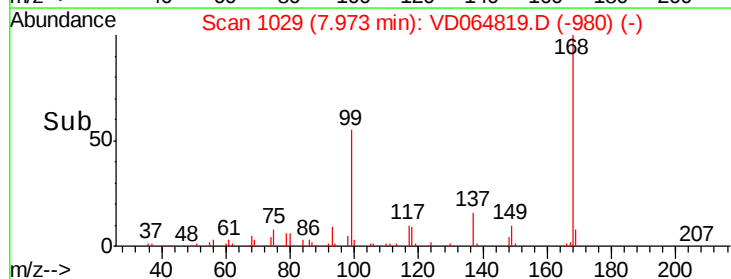
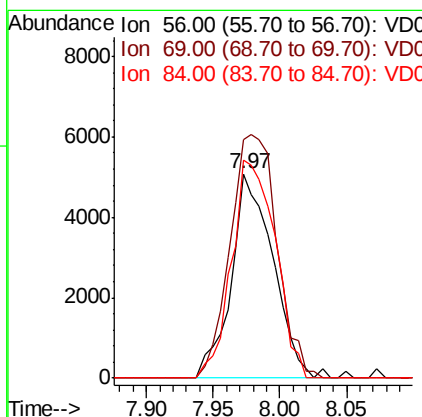
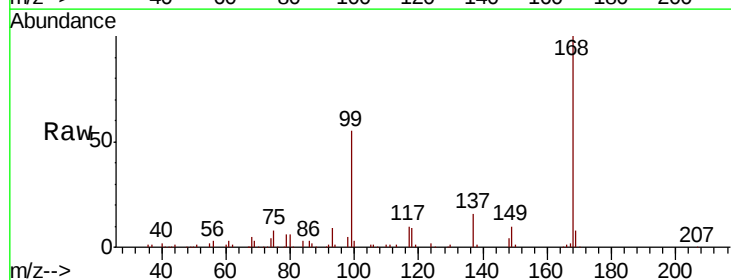
Instrument :
MSVOA_D
ClientSampled :

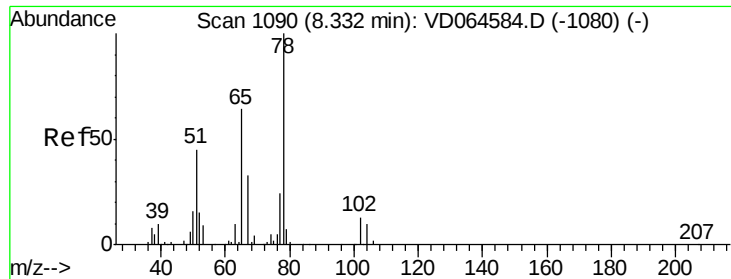
Tot Ion: 83 Resp: 9553
Ion Ratio Lower Upper
83 100
85 58.0 51.1 76.7



#31
Cyclohexane
Concen: 1.448 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD064819.D
Acq: 09 Jan 2020 16:17

Tgt Ion: 56 Resp: 11042
Ion Ratio Lower Upper
56 100
69 117.0 24.7 37.1#
84 106.8 69.4 104.2#

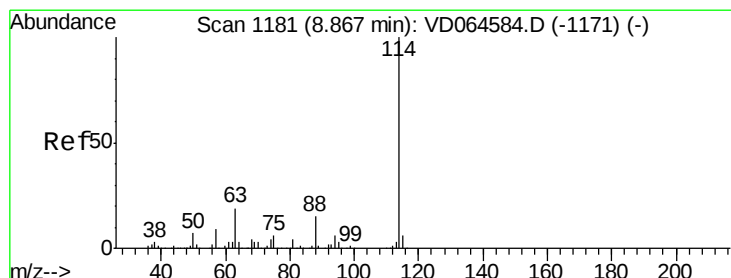
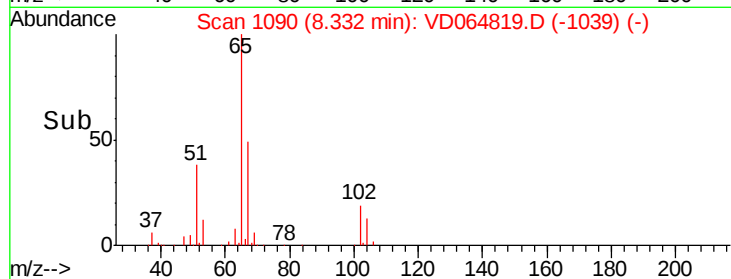
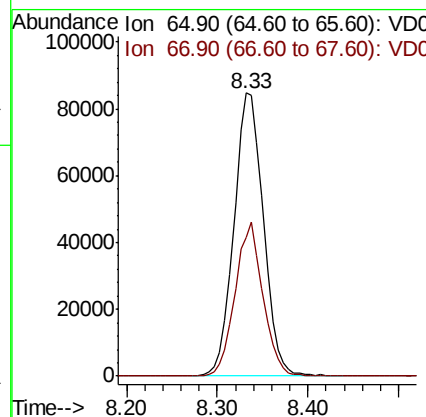
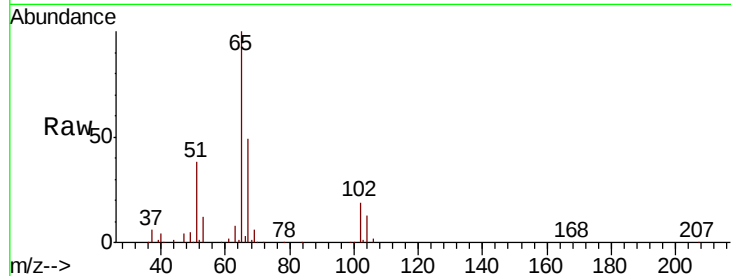




#33
 1,2-Dichloroethane-d4
 Concen: 46.844 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064819.D
 Acq: 09 Jan 2020 16:17

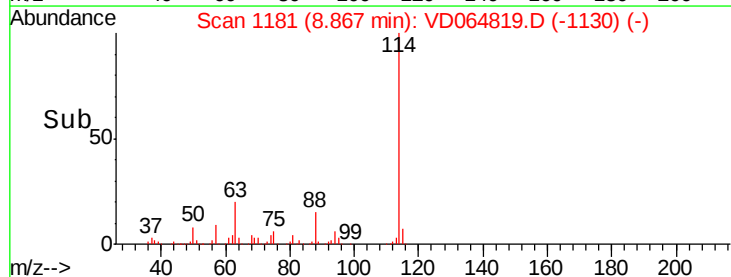
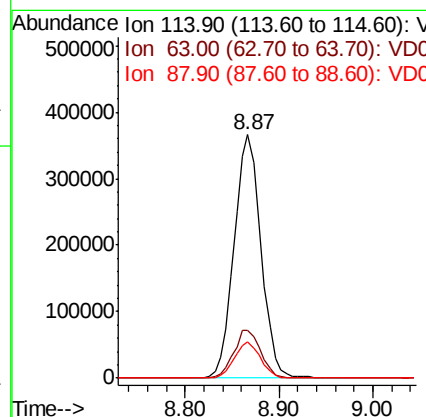
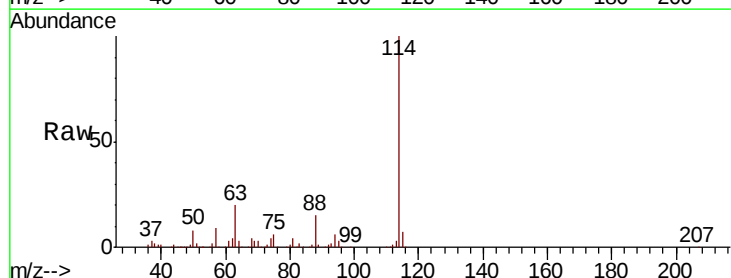
Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 65 Resp: 191551
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064819.D
 Acq: 09 Jan 2020 16:17

Tgt Ion: 114 Resp: 725176
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.0
 88 14.7 0.0 29.2

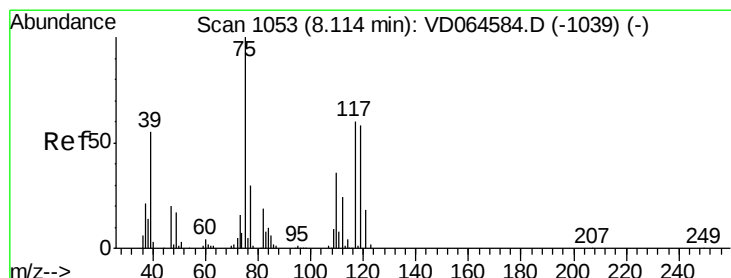
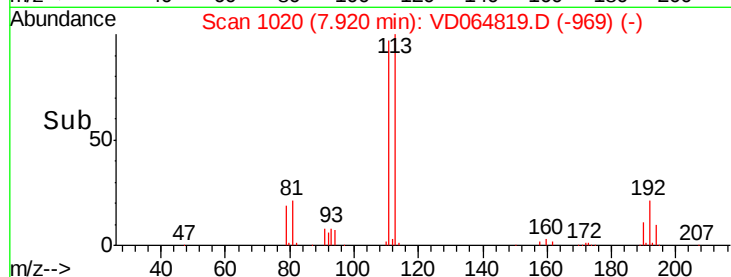
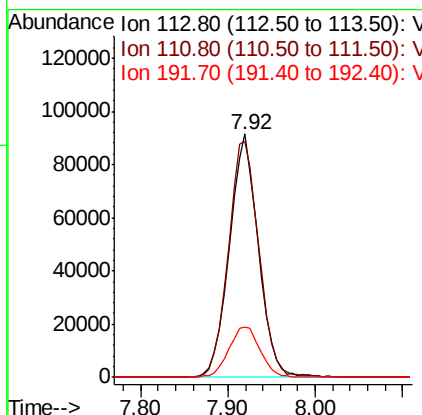
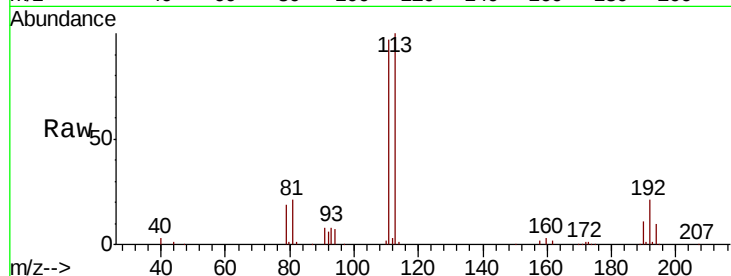




#35
 Dibromofluoromethane
 Concen: 46.183 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064819.D
 Acq: 09 Jan 2020 16:17

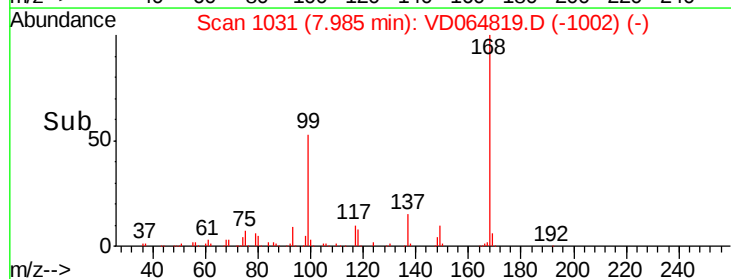
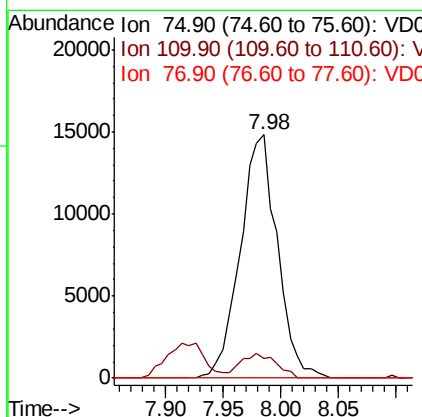
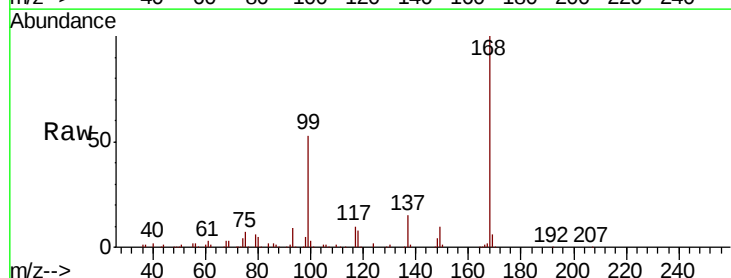
Instrument :
 MSVOA_D
 ClientSampleId :

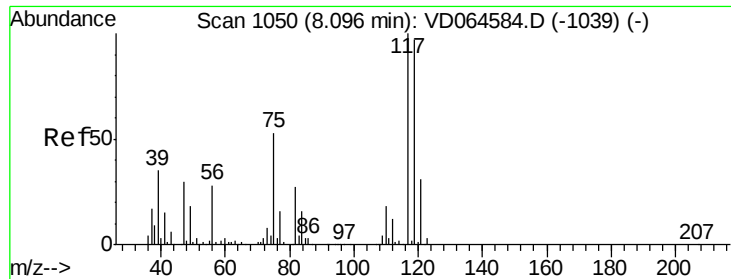
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.6	121.0
192	22.2	17.9	26.9



#36
 1,1-Dichloropropene
 Concen: 4.762 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064819.D
 Acq: 09 Jan 2020 16:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.1	54.1#
77	0.0	24.2	36.4#

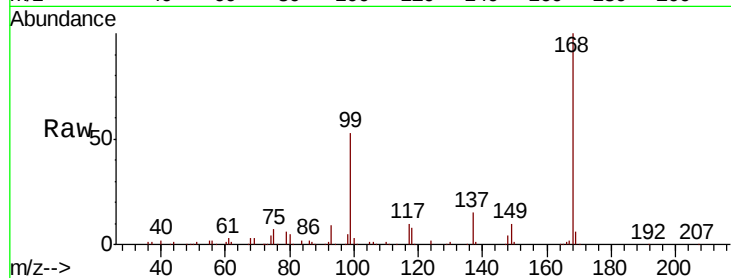




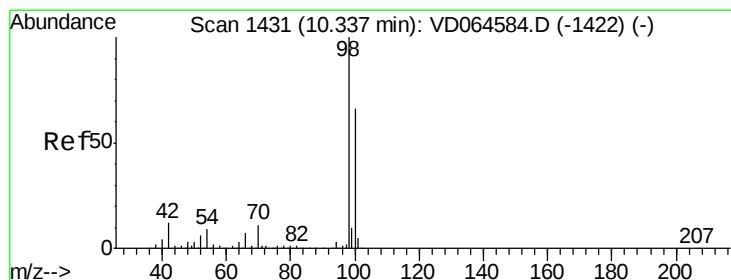
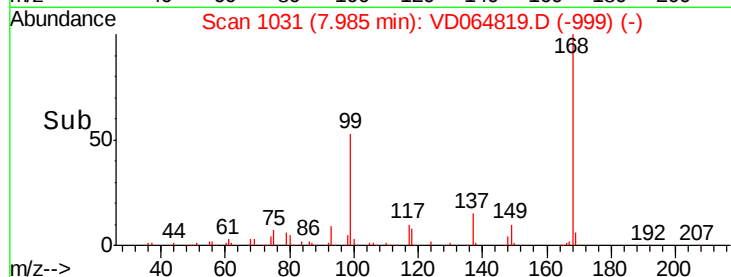
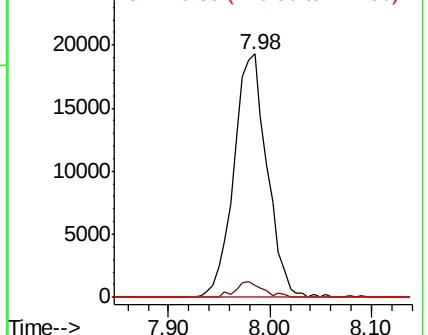
#38
Carbon Tetrachloride
Concen: 5.901 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD064819.D
Acq: 09 Jan 2020 16:17

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 43919
Ion Ratio Lower Upper
117 100
119 5.1 77.3 115.9#
121 0.0 25.0 37.6#

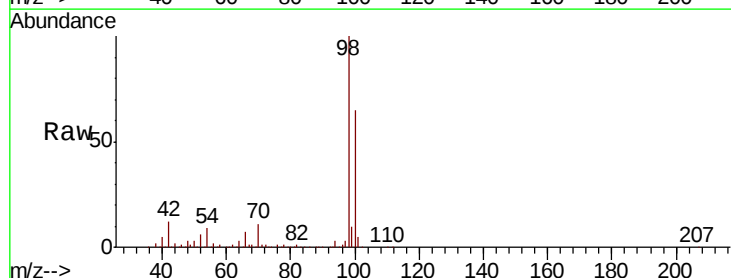


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

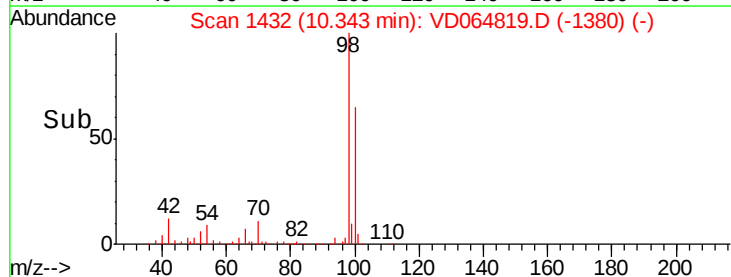
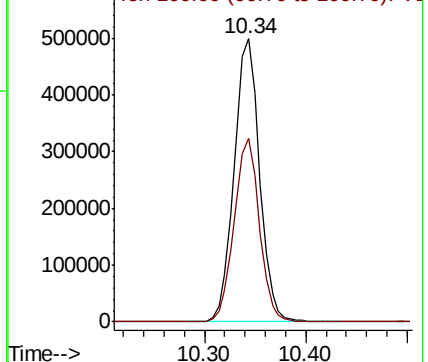


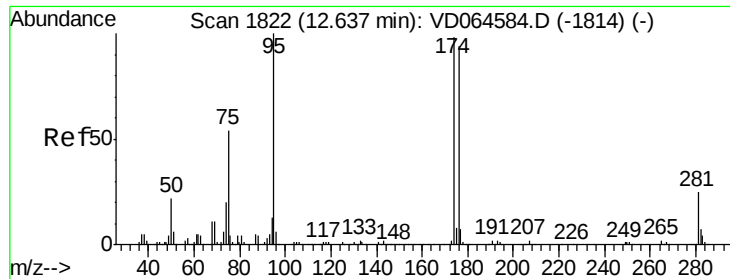
#50
Toluene-d8
Concen: 51.026 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064819.D
Acq: 09 Jan 2020 16:17

Tgt Ion: 98 Resp: 869452
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V

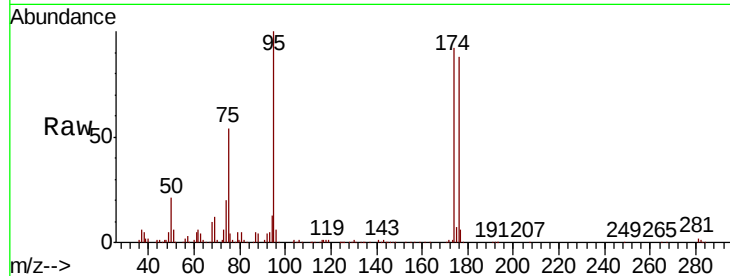




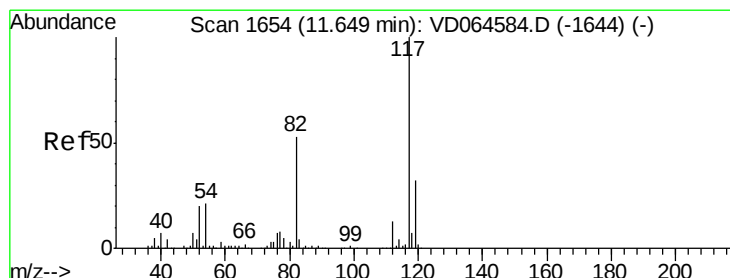
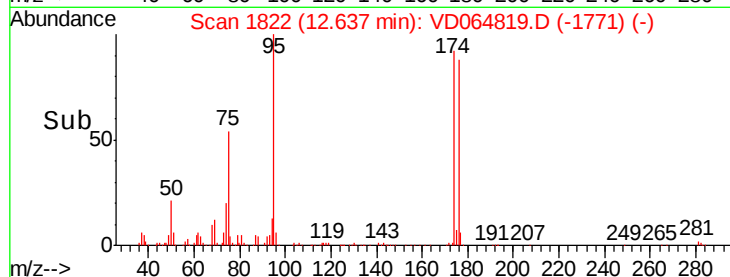
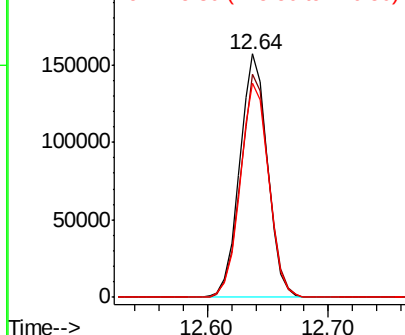
#62
4-Bromofluorobenzene
Concen: 46.743 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064819.D
Acq: 09 Jan 2020 16:17

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	193.2
176	90.0	0.0	184.2

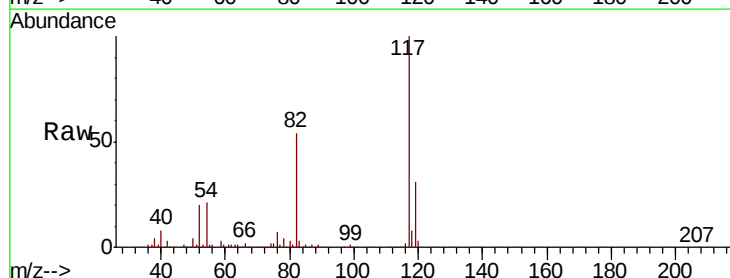


Abundance Ion 94.90 (94.60 to 95.60): V
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

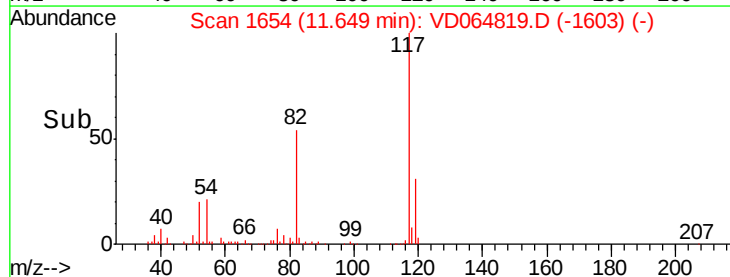
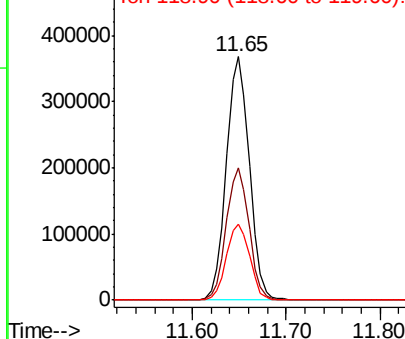


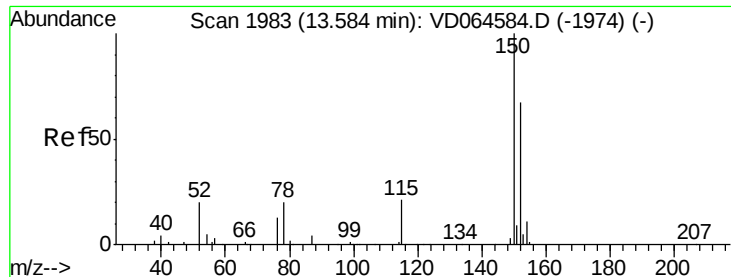
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064819.D
Acq: 09 Jan 2020 16:17

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.3	42.2	63.4
119	31.4	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: VD064819.D

Acq: 09 Jan 2020 16:17

Instrument :

MSVOA_D

ClientSampleId :

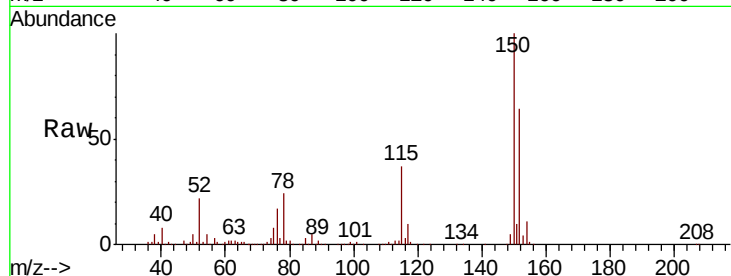
Tot Ion:152 Resp: 279589

Ion Ratio Lower Upper

152 100

115 56.2 27.8 83.4

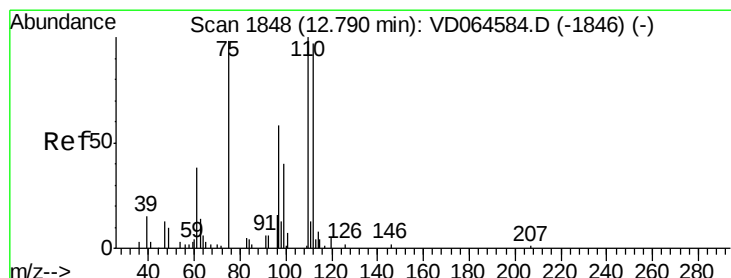
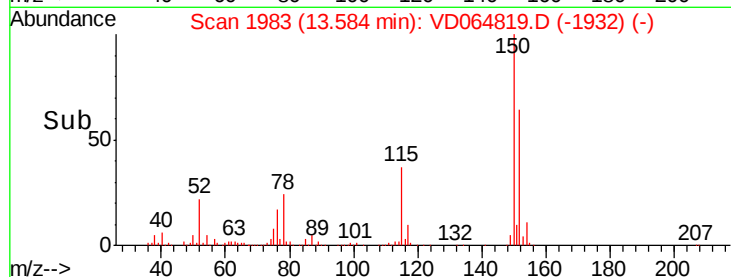
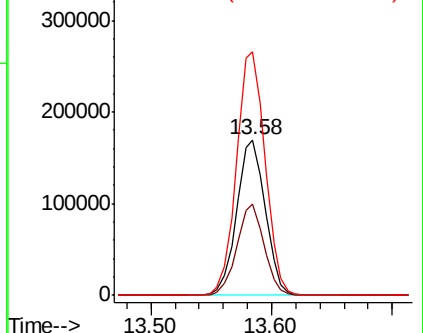
150 157.2 0.0 351.4



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: 60.729 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064819.D

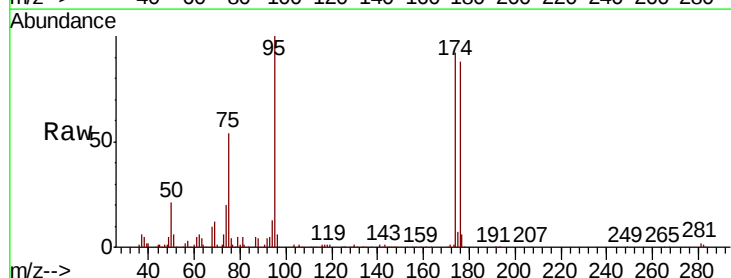
Acq: 09 Jan 2020 16:17

Tgt Ion: 75 Resp: 134079

Ion Ratio Lower Upper

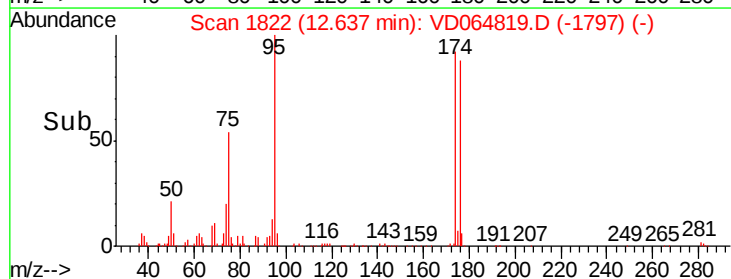
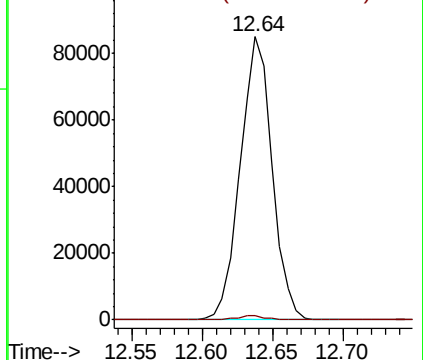
75 100

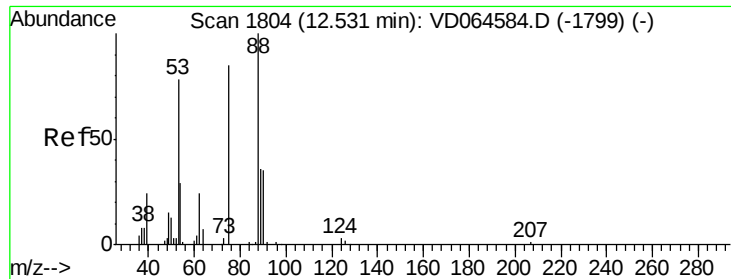
77 1.2 0.0 0.0#



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: 127.014 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064819.D

Acq: 09 Jan 2020 16:17

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 134079

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.0 38.3 57.5#

