

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012220\
 Data File : VD064923.D
 Acq On : 22 Jan 2020 18:04
 Operator : VA/SY
 Sample : L1205-12
 Misc : 10.87G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 22 23:18:48 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

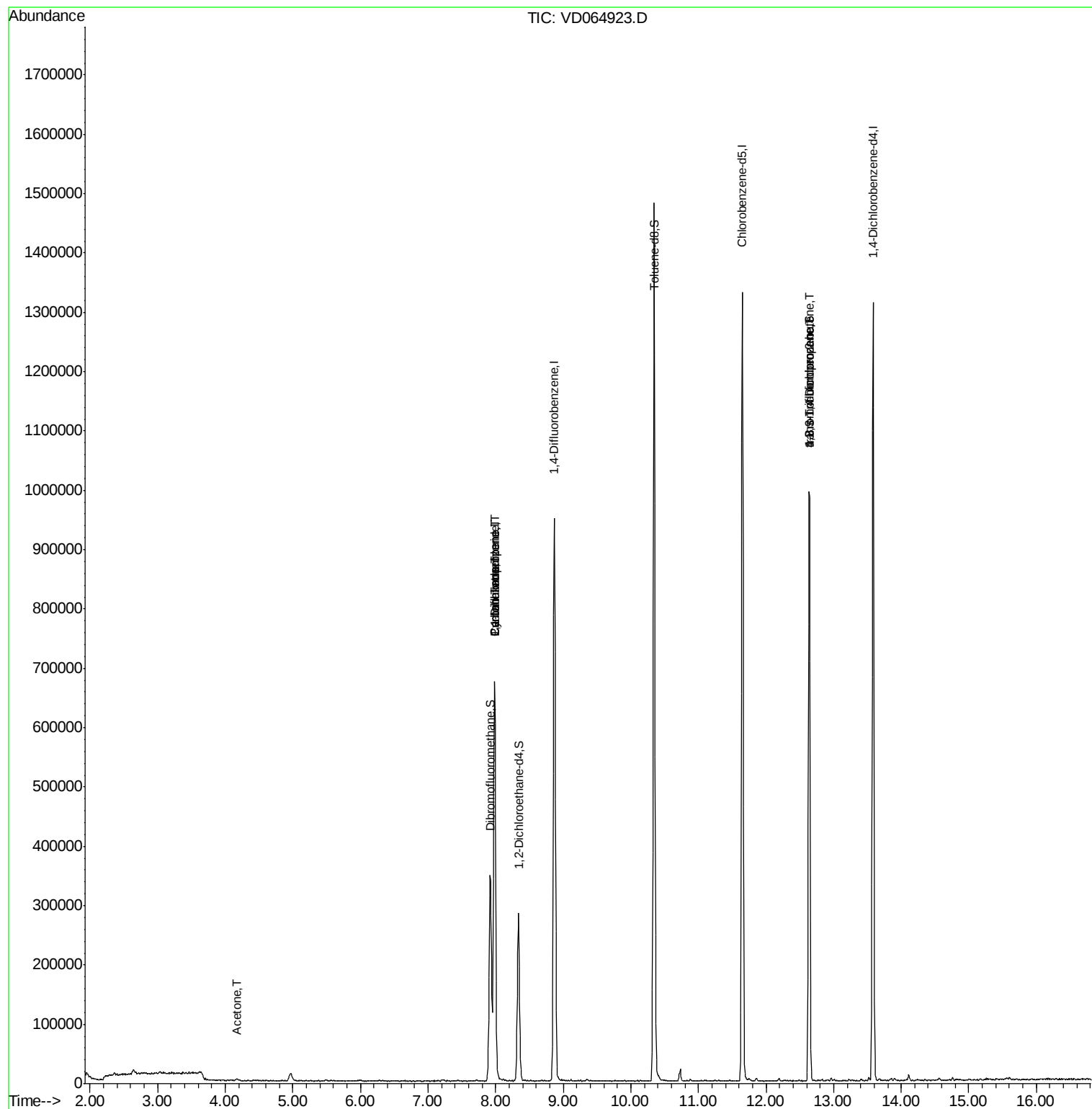
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	507087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	802444	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	737585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	341295	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	224906	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
35) Dibromofluoromethane	7.92	113	244430	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
50) Toluene-d8	10.34	98	968070	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	12.64	95	303074	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
Target Compounds						
16) Acetone	4.17	43	4304	8.212	ug/l	90
20) Methylene Chloride	4.97	84	9311	Below Cal		93
31) Cyclohexane	7.98	56	11679	1.401	ug/l #	13
36) 1,1-Dichloropropene	7.98	75	38484	4.983	ug/l #	51
38) Carbon Tetrachloride	7.98	117	48900	5.938	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	161826	60.045	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	161826	125.582	ug/l #	10

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

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Quant Time: Jan 22 23:18:48 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# 1031

Delta R.T. 0.00 min

Lab File: VD064923.D

Acq: 22 Jan 2020 18:04

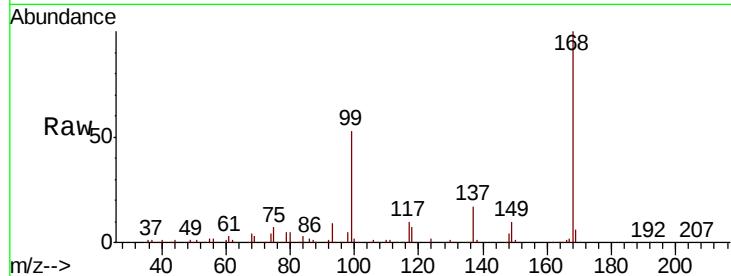
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 507087

Ion Ratio Lower Upper

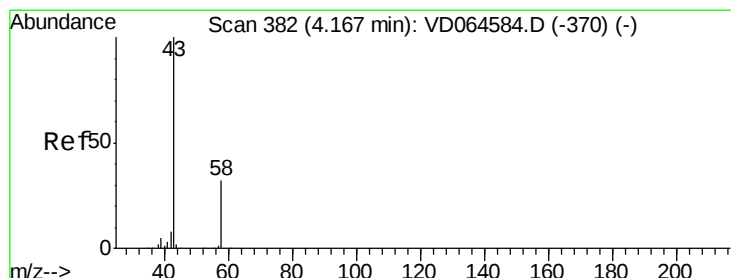
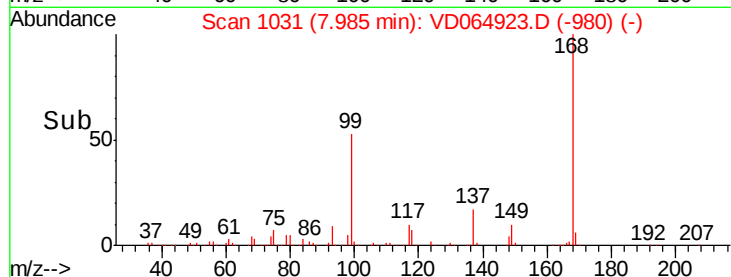
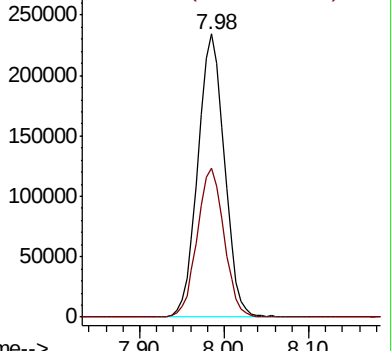
168 100

99 52.7 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: 8.212 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064923.D

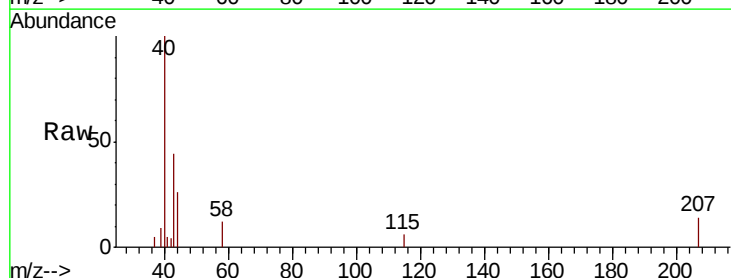
Acq: 22 Jan 2020 18:04

Tgt Ion: 43 Resp: 4304

Ion Ratio Lower Upper

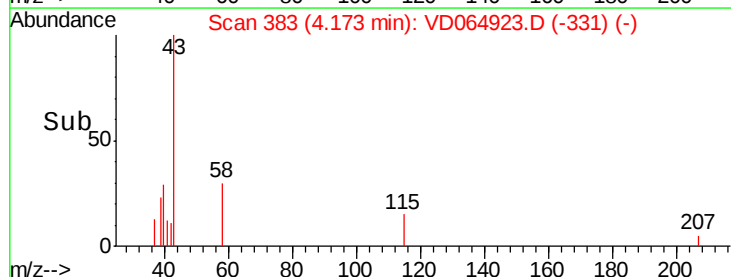
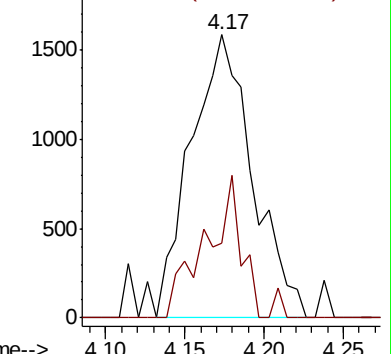
43 100

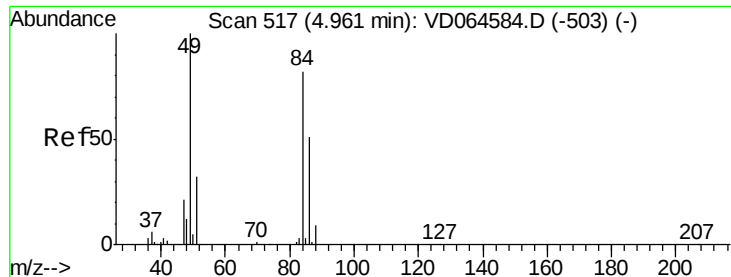
58 26.6 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



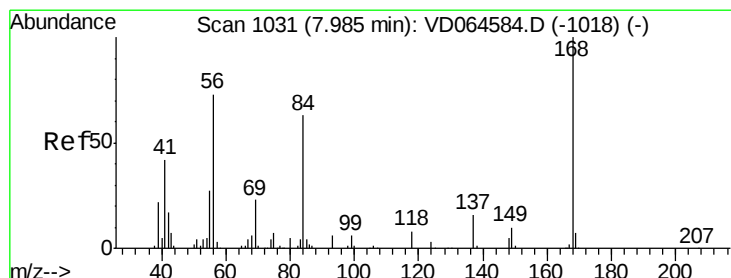
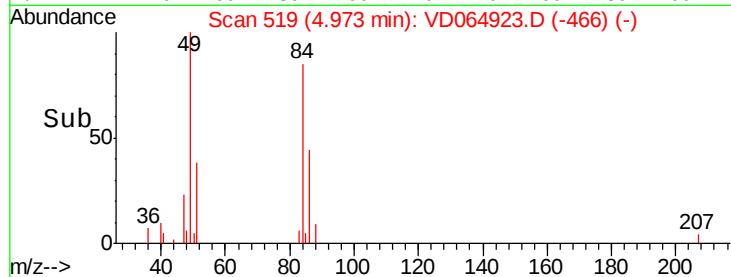
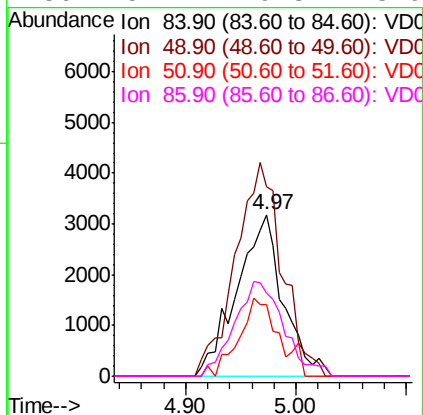
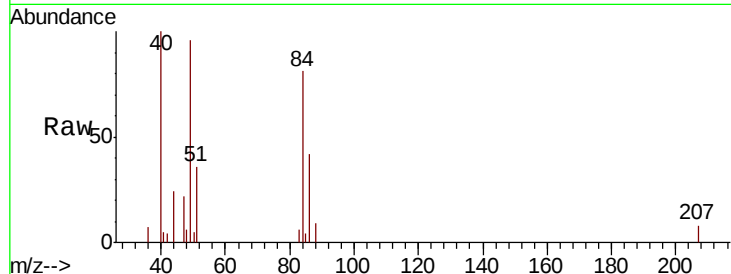


#20

Methvlene Chloride
 Concen: Below Cal
 RT: 4.97 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: VD064923.D
 Acq: 22 Jan 2020 18:04

Instrument :
 MSVOA_D
 ClientSampleId :

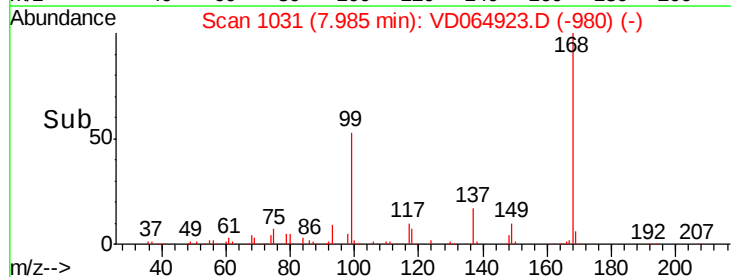
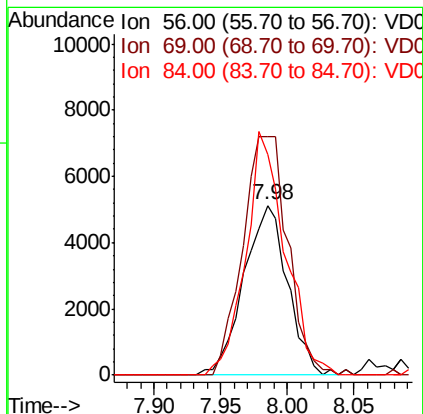
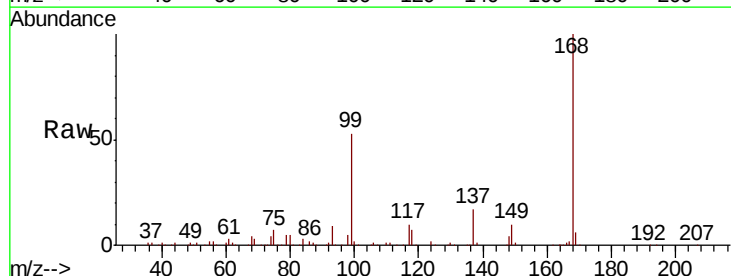
Tot Ion:	84	Resp:	9311
Ion	Ratio	Lower	Upper
84	100		
49	117.8	97.2	145.8
51	44.2	31.4	47.0
86	51.7	49.3	73.9

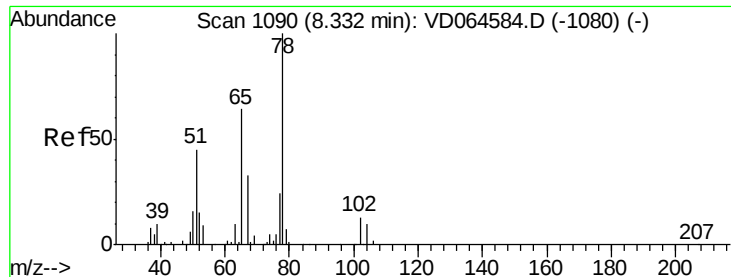


#31

Cyclohexane
 Concen: 1.401 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VD064923.D
 Acq: 22 Jan 2020 18:04

Tgt Ion:	56	Resp:	11679
Ion	Ratio	Lower	Upper
56	100		
69	140.8	24.7	37.1#
84	129.7	69.4	104.2#

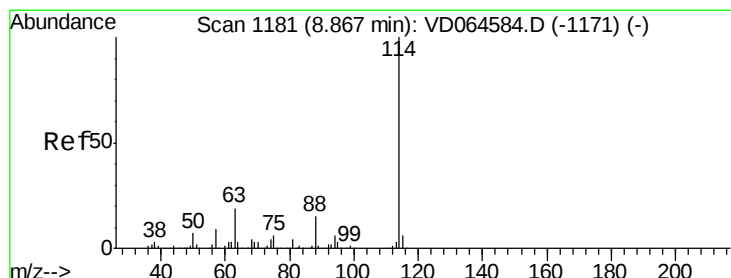
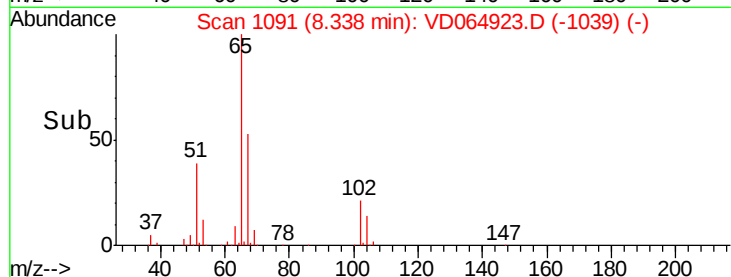
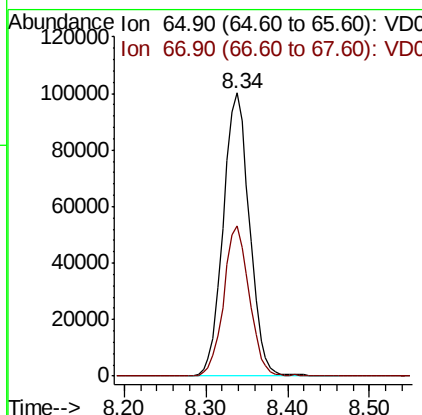
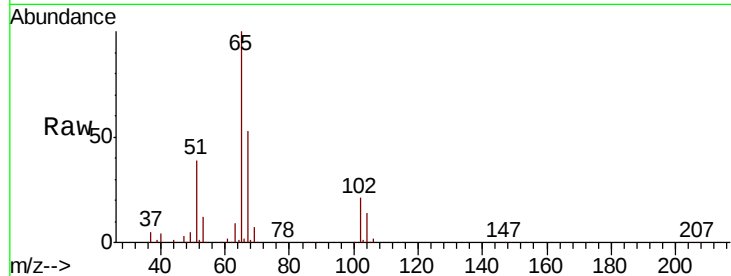




#33
 1,2-Dichloroethane-d4
 Concen: 50.298 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064923.D
 Acq: 22 Jan 2020 18:04

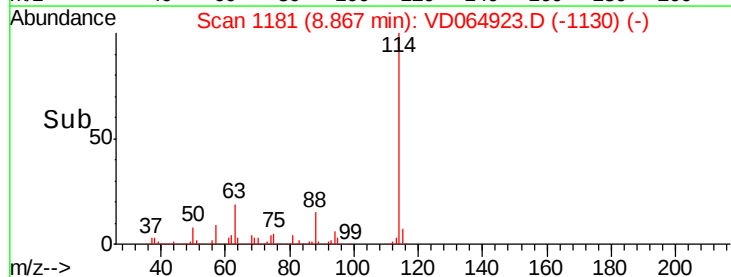
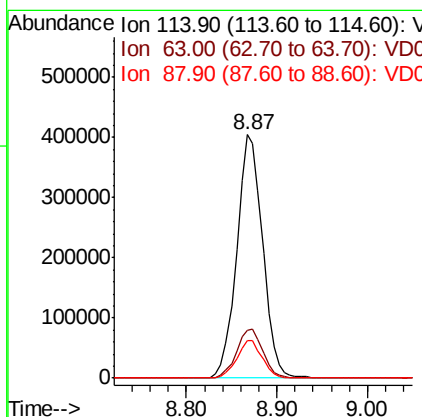
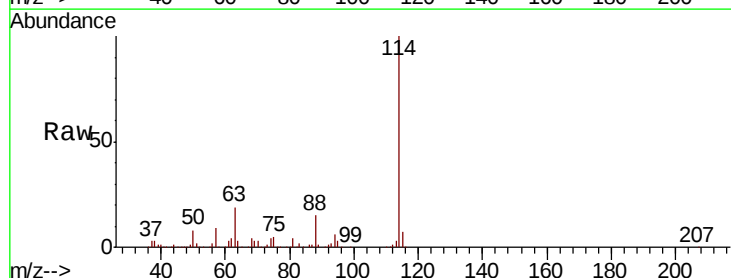
Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 65 Resp: 224906
 Ion Ratio Lower Upper
 65 100
 67 51.4 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: VD064923.D
 Acq: 22 Jan 2020 18:04

Tgt Ion: 114 Resp: 802444
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.0
 88 15.5 0.0 29.2

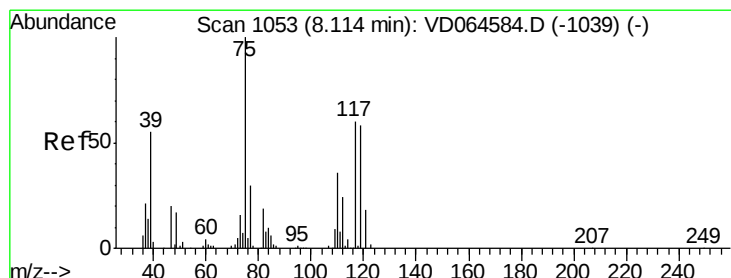
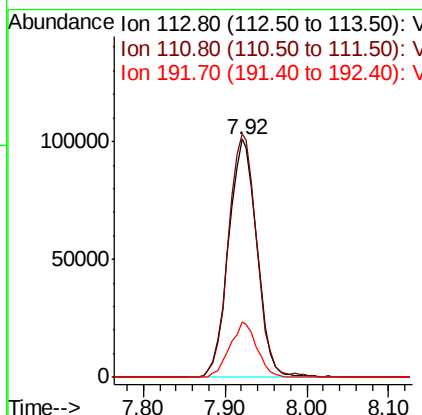
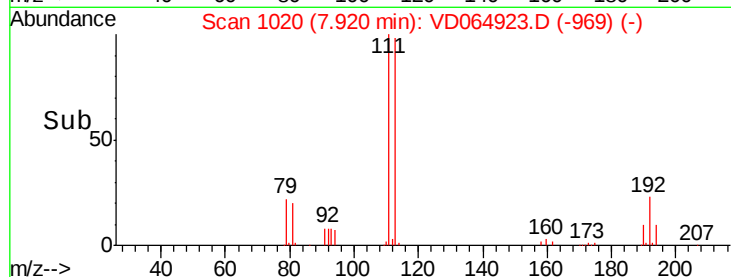
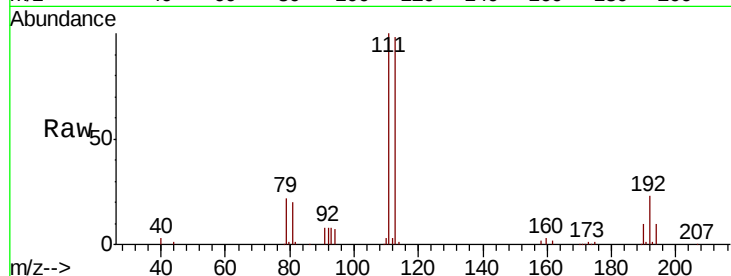




#35
 Dibromofluoromethane
 Concen: 49.649 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064923.D
 Acq: 22 Jan 2020 18:04

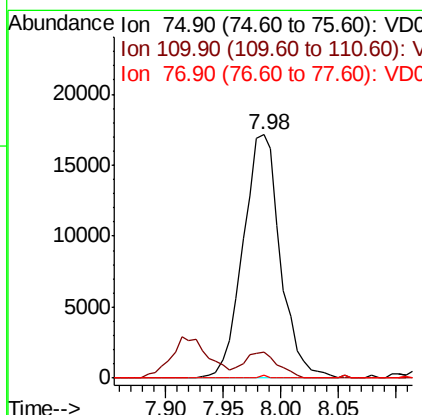
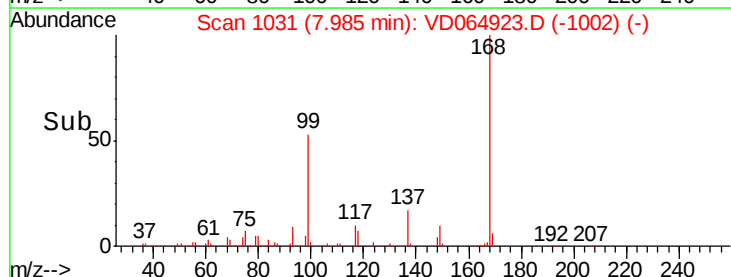
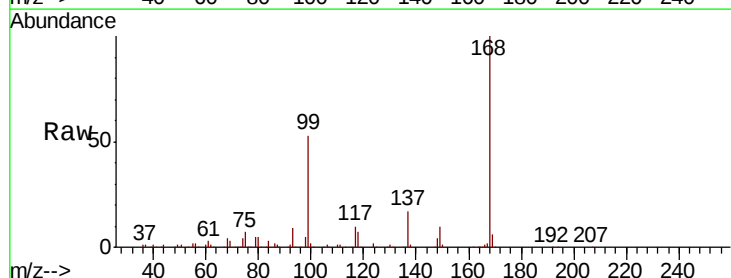
Instrument :
 MSVOA_D
 ClientSampleId :

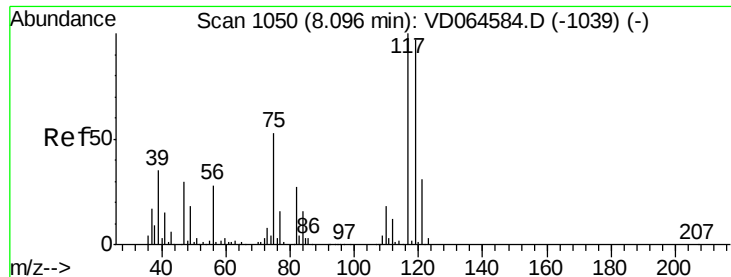
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	80.6	121.0
192	22.2	17.9	26.9



#36
 1,1-Dichloropropene
 Concen: 4.983 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064923.D
 Acq: 22 Jan 2020 18:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.1	54.1#
77	0.2	24.2	36.4#





#38

Carbon Tetrachloride

Concen: 5.938 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064923.D

Acq: 22 Jan 2020 18:04

Instrument :

MSVOA_D

ClientSampleId :

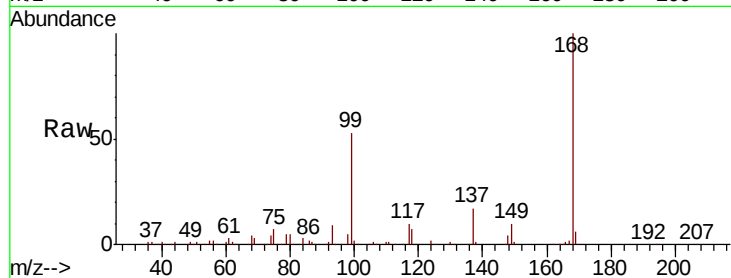
Tot Ion:117 Resp: 48900

Ion Ratio Lower Upper

117 100

119 3.7 77.3 115.9#

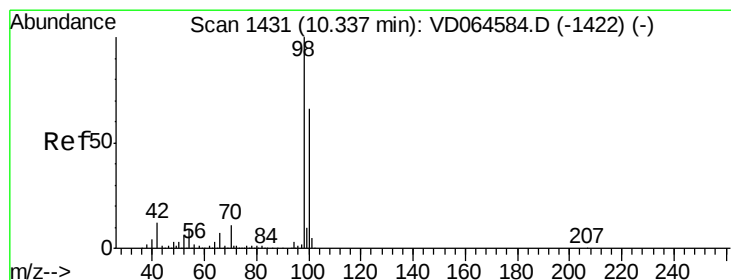
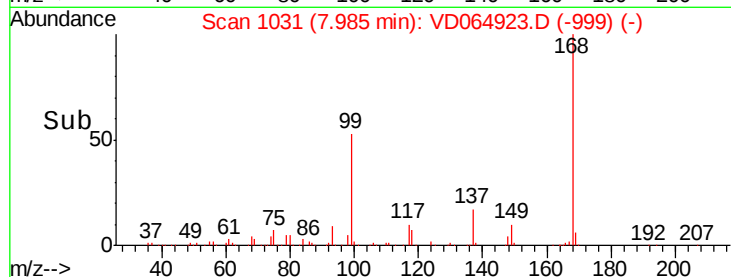
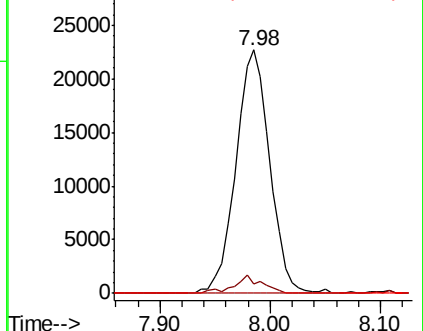
121 0.0 25.0 37.6#



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: 51.343 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064923.D

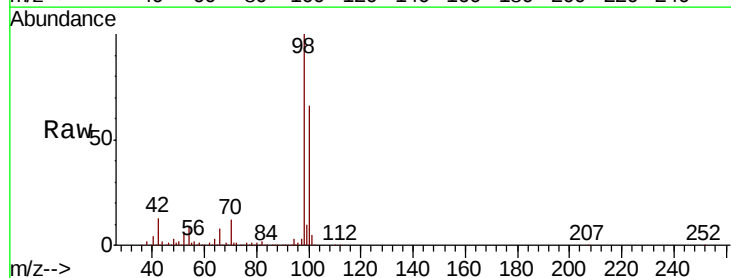
Acq: 22 Jan 2020 18:04

Tgt Ion: 98 Resp: 968070

Ion Ratio Lower Upper

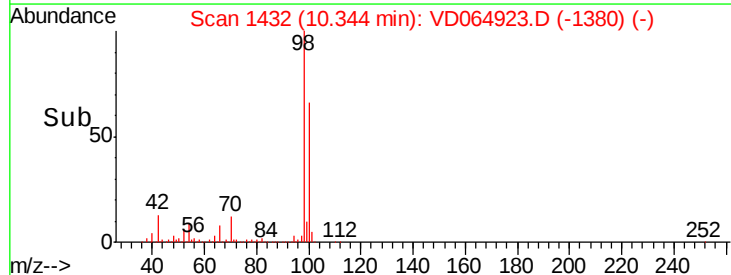
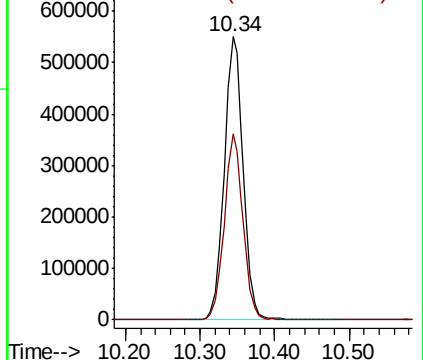
98 100

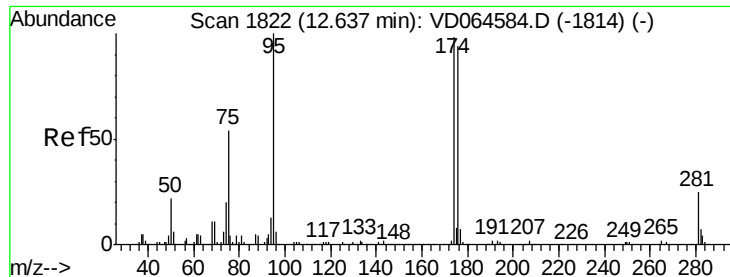
100 64.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

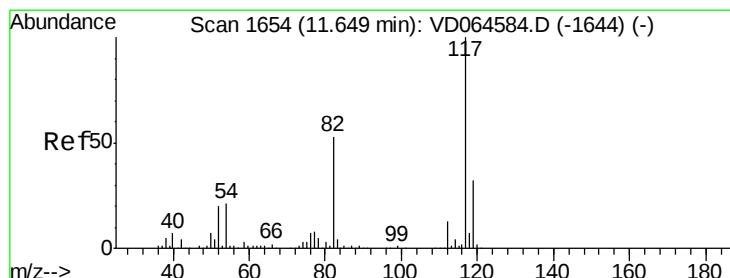
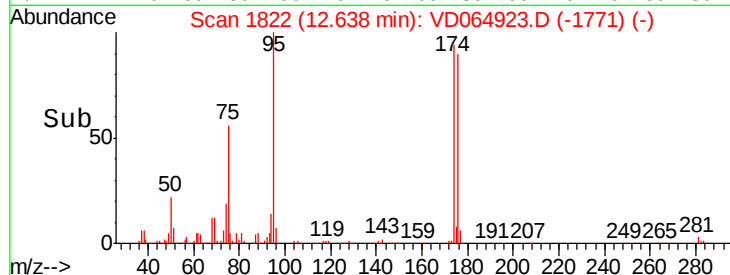
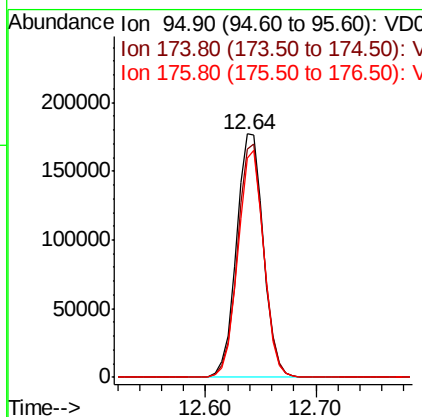
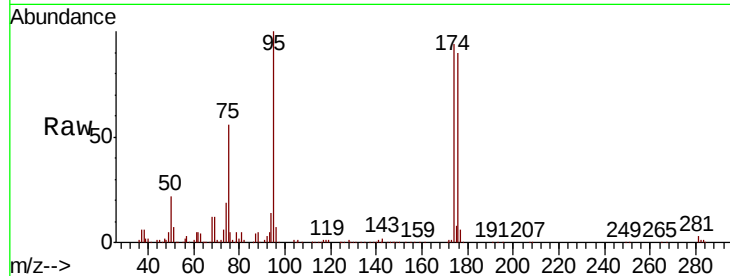




#62
4-Bromofluorobenzene
Concen: 50.833 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064923.D
Acq: 22 Jan 2020 18:04

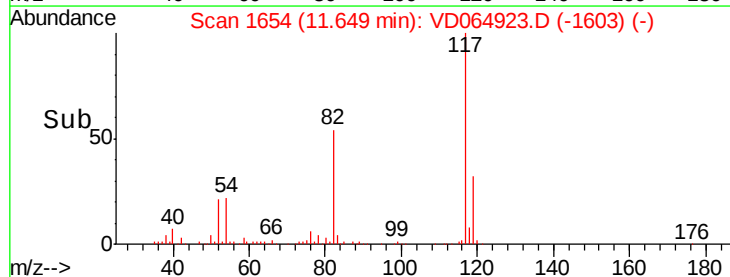
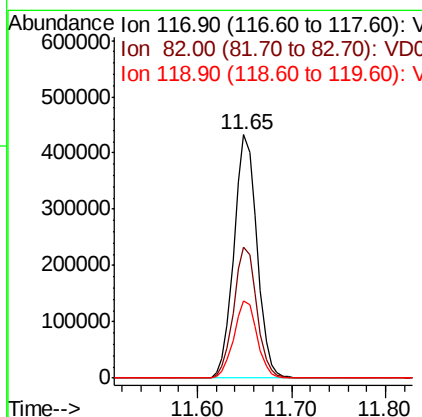
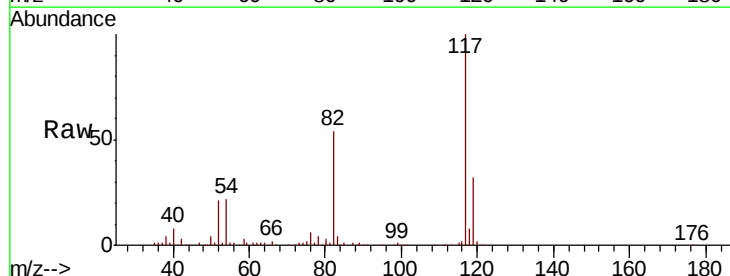
Instrument :
MSVOA_D
ClientSampleId :

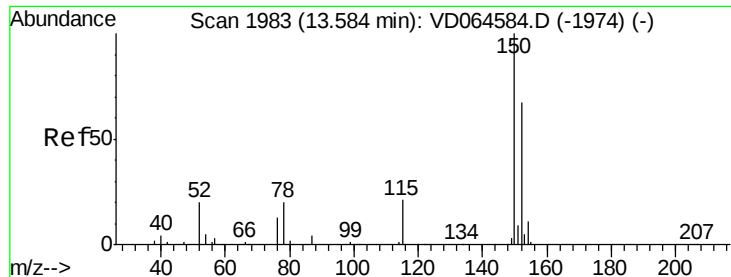
Tot Ion: 95 Resp: 303074
Ion Ratio Lower Upper
95 100
174 93.5 0.0 193.2
176 89.7 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064923.D
Acq: 22 Jan 2020 18:04

Tgt Ion: 117 Resp: 737585
Ion Ratio Lower Upper
117 100
82 53.6 42.2 63.4
119 31.7 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: VD064923.D

Acq: 22 Jan 2020 18:04

Instrument :

MSVOA_D

ClientSampleId :

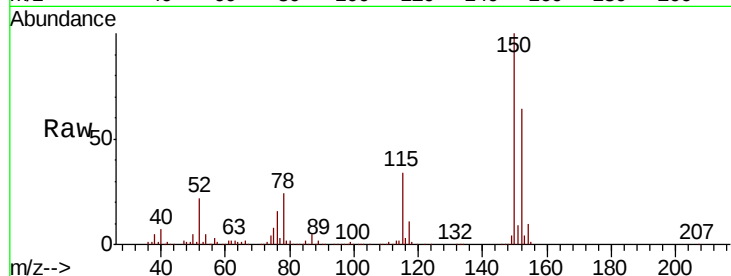
Tot Ion:152 Resp: 341295

Ion Ratio Lower Upper

152 100

115 53.6 27.8 83.4

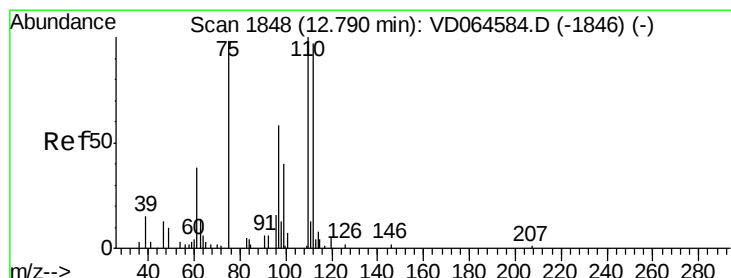
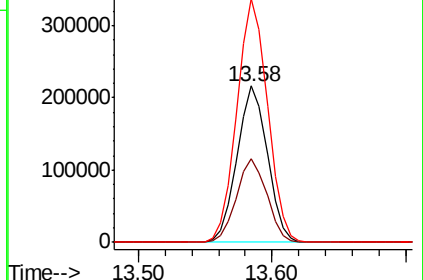
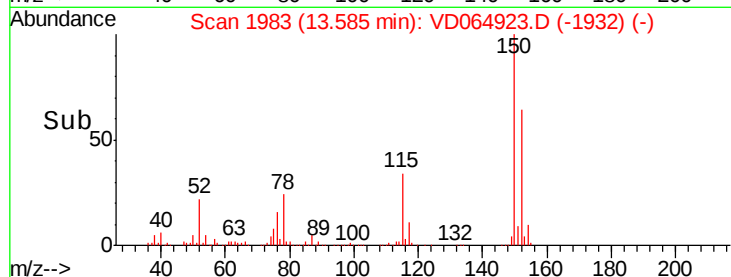
150 157.1 0.0 351.4



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: 60.045 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064923.D

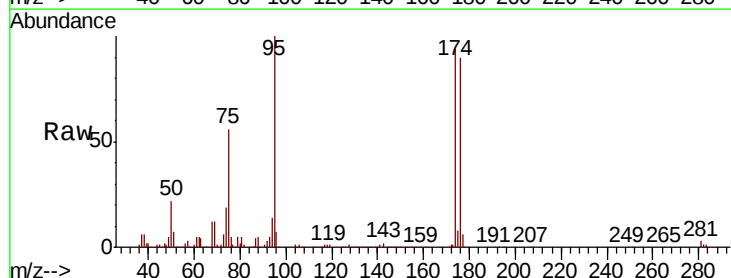
Acq: 22 Jan 2020 18:04

Tgt Ion: 75 Resp: 161826

Ion Ratio Lower Upper

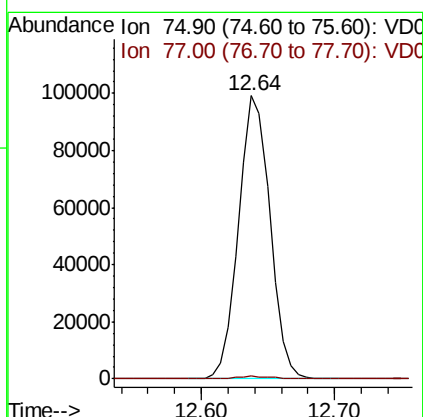
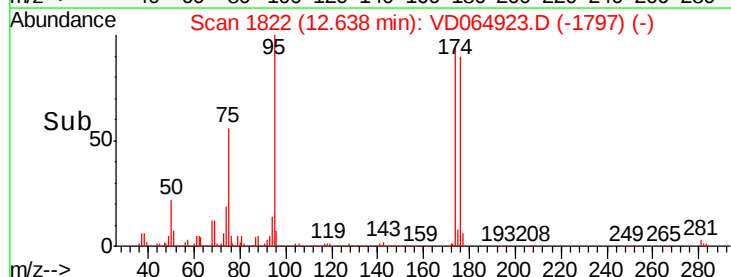
75 100

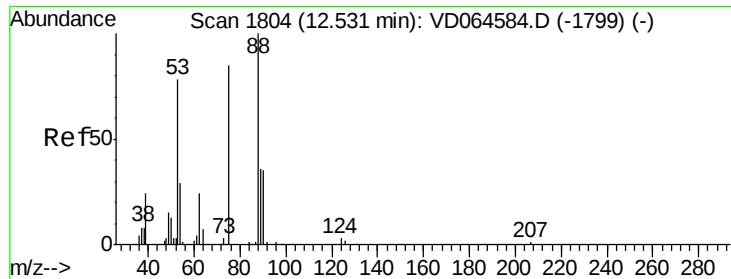
77 1.0 0.0 0.0#



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: 125.582 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064923.D

Acq: 22 Jan 2020 18:04

Instrument :

MSVOA_D

ClientSampleId :

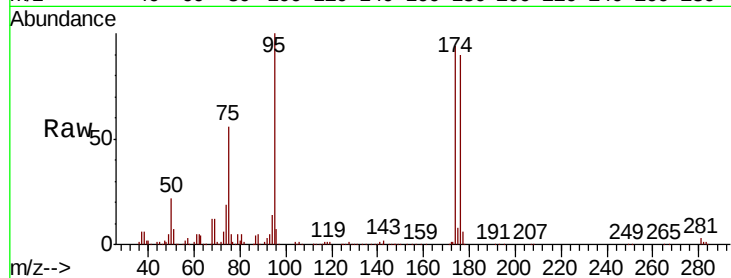
Tot Ion: 75 Resp: 161826

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.1 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

