

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012820\
 Data File : VD064978.D
 Acq On : 28 Jan 2020 14:53
 Operator : VA/SY
 Sample : L1269-09
 Misc : 7.61G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 29 01:33:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

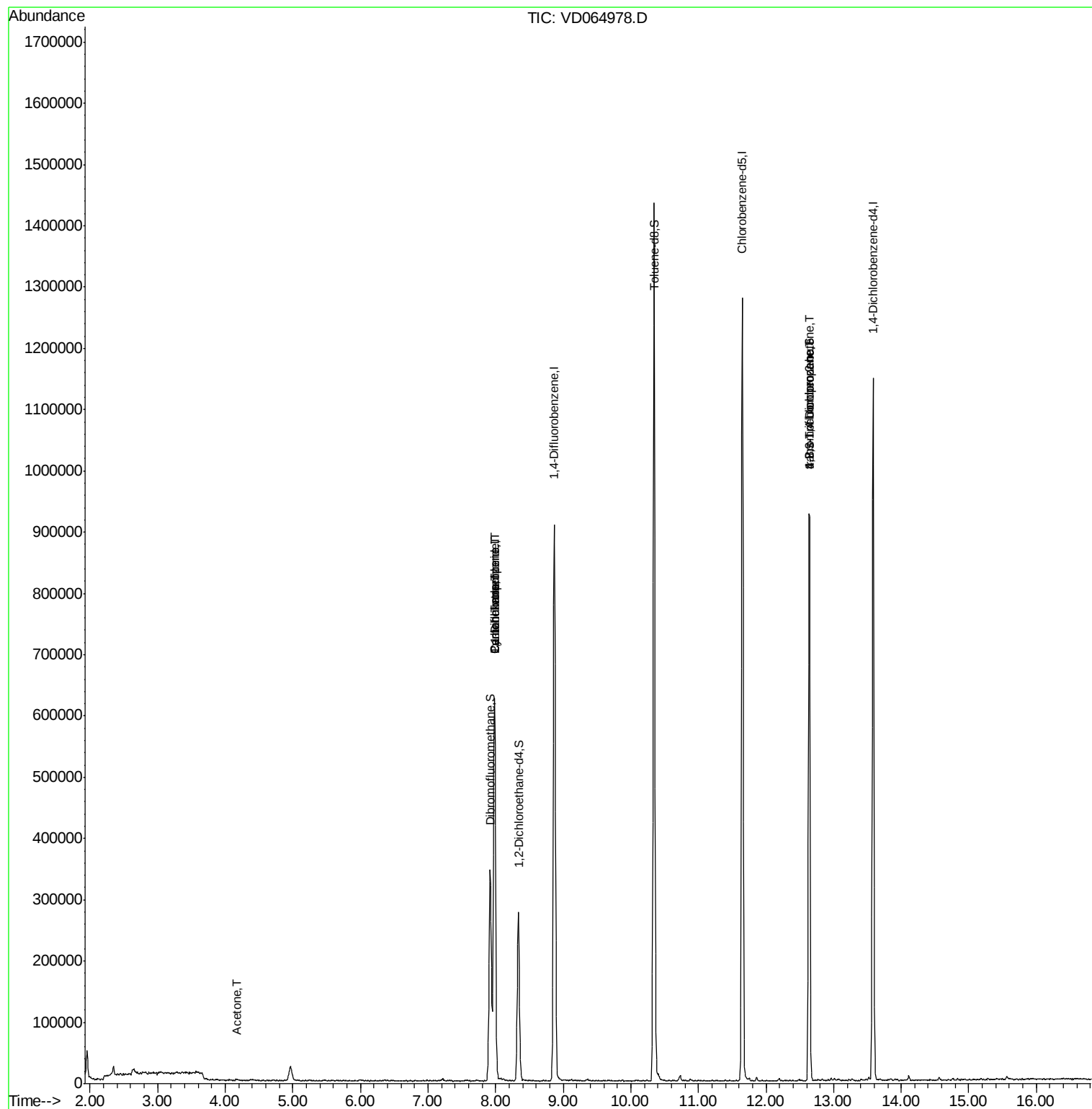
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	486529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	782545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	717656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	298254	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	221277	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
35) Dibromofluoromethane	7.92	113	237970	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
50) Toluene-d8	10.34	98	947325	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.64	95	276142	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
Target Compounds						
16) Acetone	4.17	43	3036	16.012	ug/l	97
20) Methylene Chloride	4.96	84	17055	Below Cal		88
31) Cyclohexane	7.98	56	11630	1.430	ug/l #	19
36) 1,1-Dichloropropene	7.98	75	34843	4.617	ug/l #	50
38) Carbon Tetrachloride	7.99	117	47075	5.902	ug/l #	18
76) 1,2,3-Trichloropropane	12.64	75	152381	61.555	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	152381	131.434	ug/l #	9

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

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Quant Time: Jan 29 01:33:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064978.D

Acq: 28 Jan 2020 14:53

Instrument :

MSVOA_D

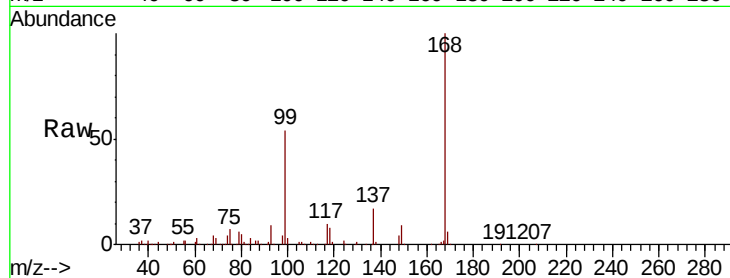
ClientSampleId :

Tot Ion:168 Resp: 486529

Ion Ratio Lower Upper

168 100

99 53.8 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

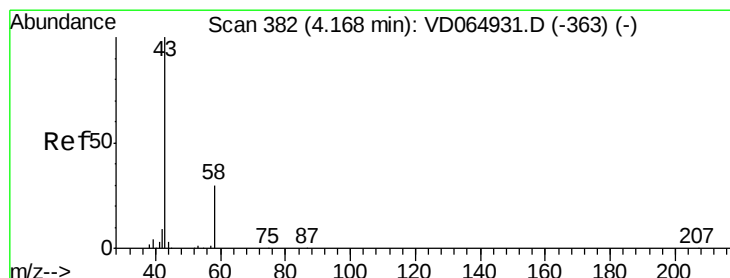
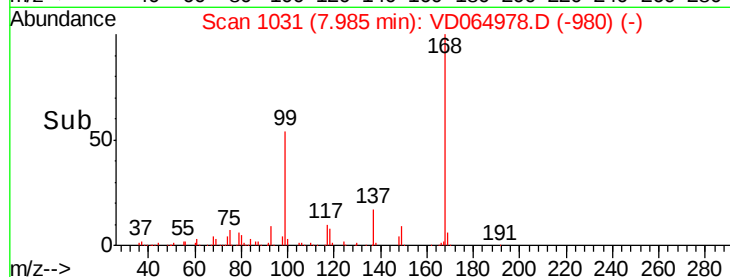
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 16.012 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064978.D

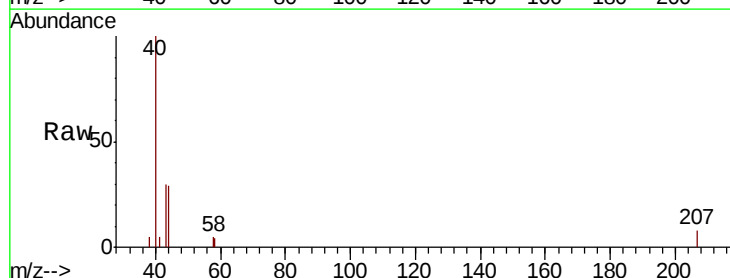
Acq: 28 Jan 2020 14:53

Tgt Ion: 43 Resp: 3036

Ion Ratio Lower Upper

43 100

58 31.7 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

1200

1000

800

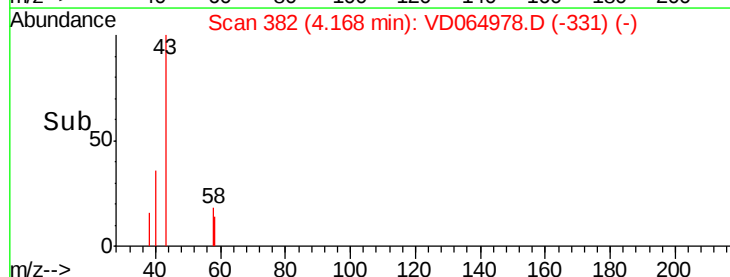
600

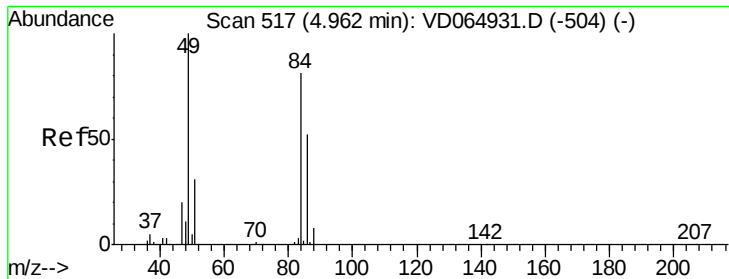
400

200

0

Time-->



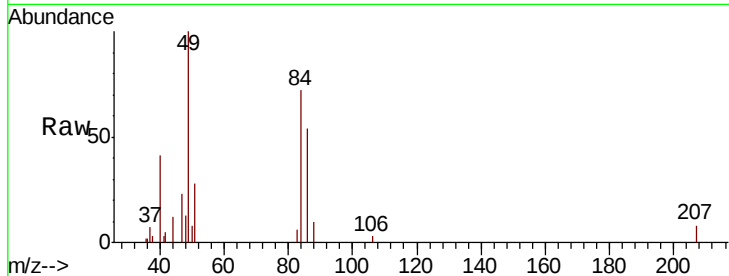


#20

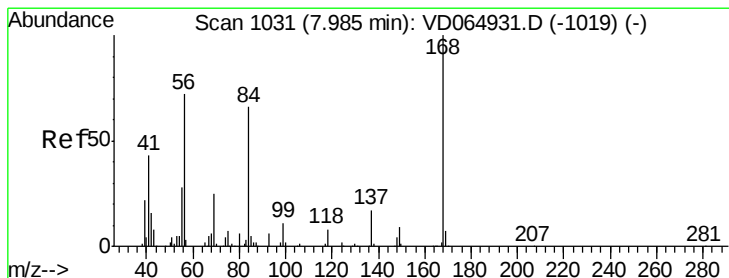
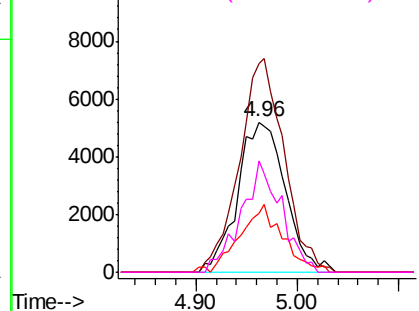
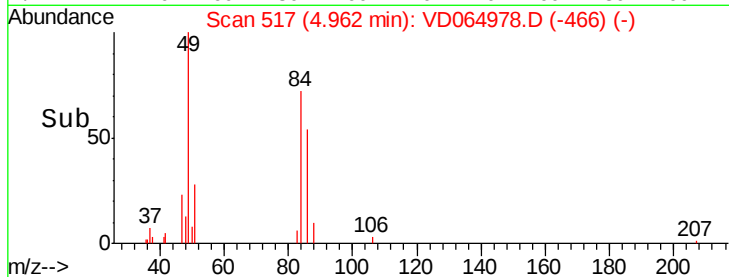
Methylene Chloride
 Concen: Below Cal
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD064978.D
 Acq: 28 Jan 2020 14:53

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:	84	Resp:	17055
Ion	Ratio	Lower	Upper
84	100		
49	138.8	98.4	147.6
51	39.4	30.8	46.2
86	74.4	51.0	76.6



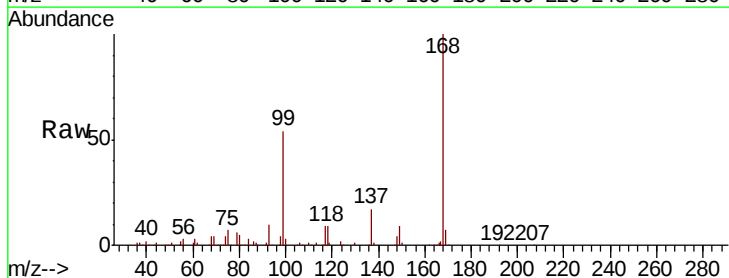
Abundance Ion 83.90 (83.60 to 84.60): VDC
 Ion 48.90 (48.60 to 49.60): VDC
 Ion 50.90 (50.60 to 51.60): VDC
 Ion 85.90 (85.60 to 86.60): VDC



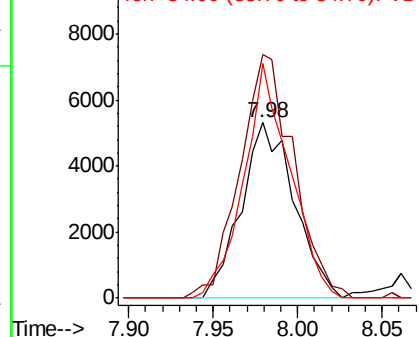
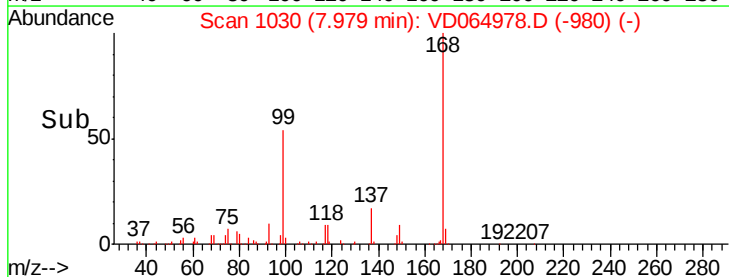
#31

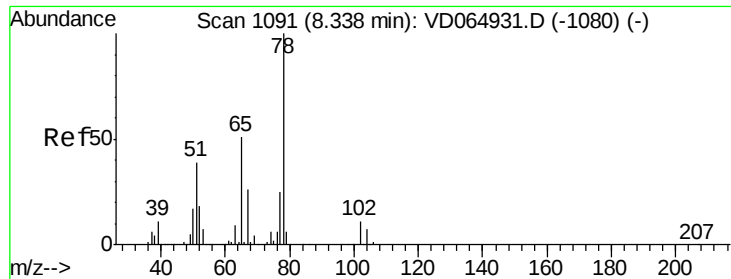
Cyclohexane
 Concen: 1.430 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VD064978.D
 Acq: 28 Jan 2020 14:53

Tgt Ion:	56	Resp:	11630
Ion	Ratio	Lower	Upper
56	100		
69	135.7	27.9	41.9#
84	133.6	72.8	109.2#



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: 47.414 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064978.D

Acq: 28 Jan 2020 14:53

Instrument :

MSVOA_D

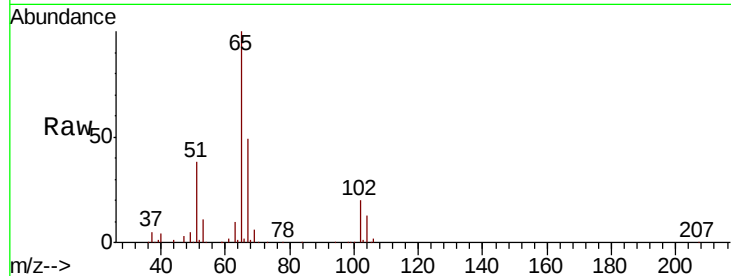
ClientSampled :

Tot Ion: 65 Resp: 221277

Ion Ratio Lower Upper

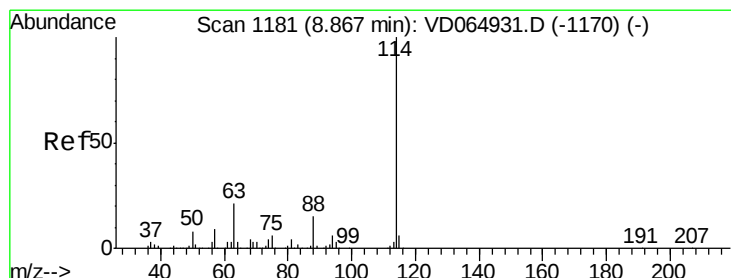
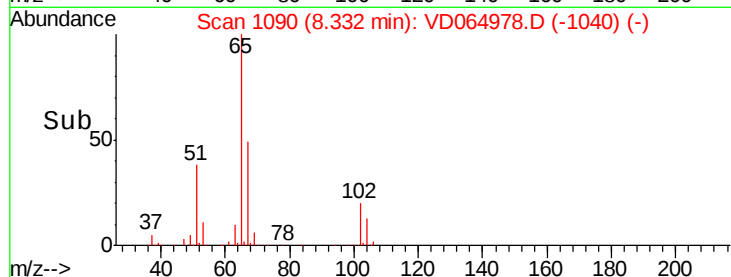
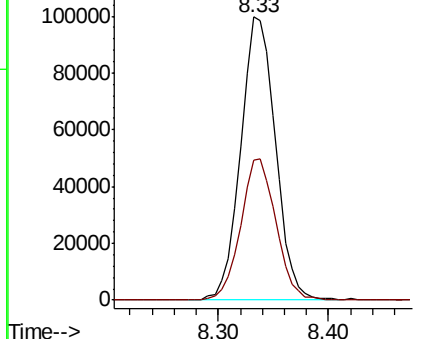
65 100

67 50.4 0.0 103.6



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: VD064978.D

Acq: 28 Jan 2020 14:53

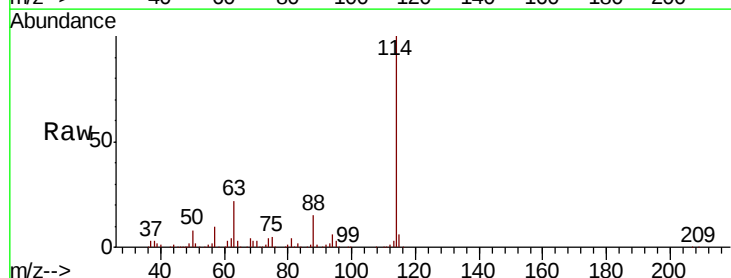
Tgt Ion: 114 Resp: 782545

Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.0

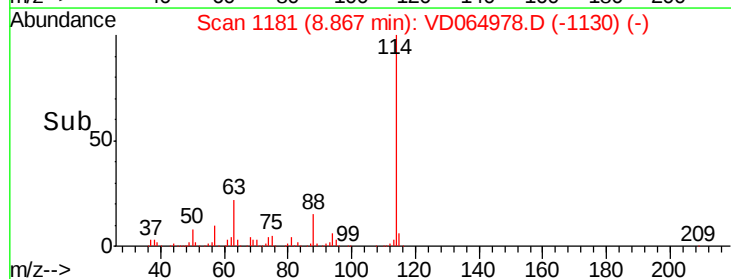
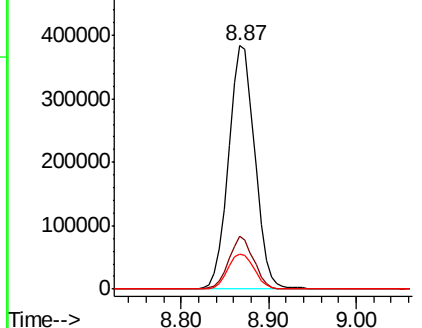
88 14.6 0.0 29.4

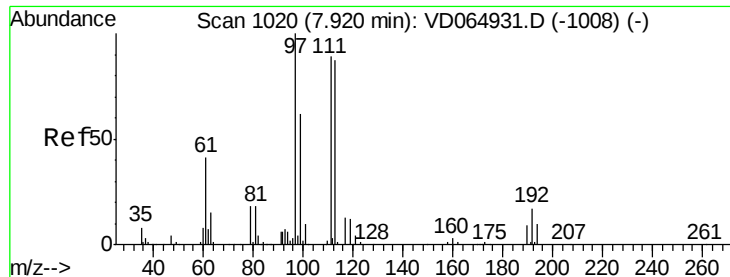


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

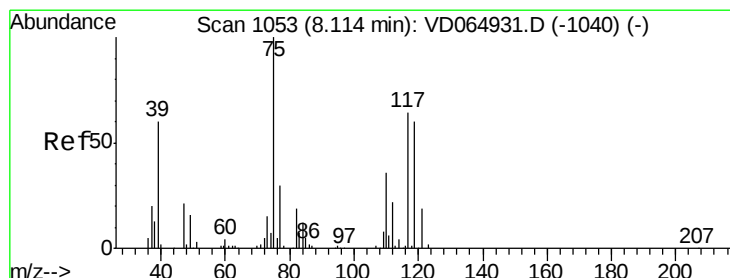
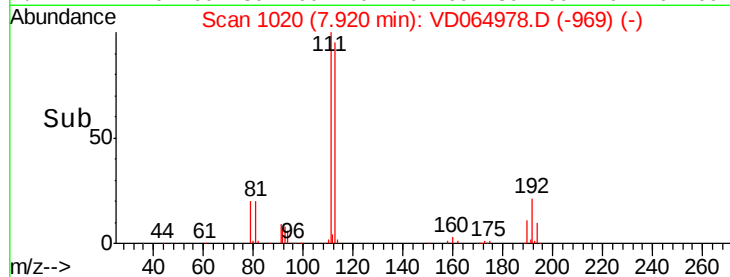
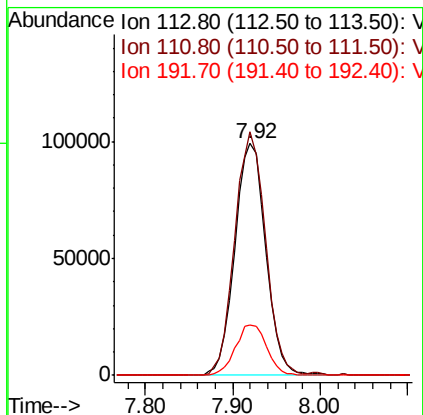
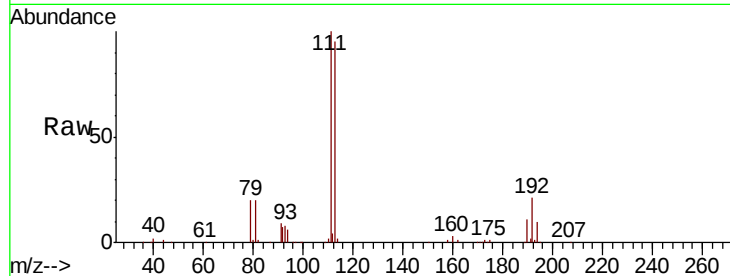




#35
 Dibromofluoromethane
 Concen: 48.391 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064978.D
 Acq: 28 Jan 2020 14:53

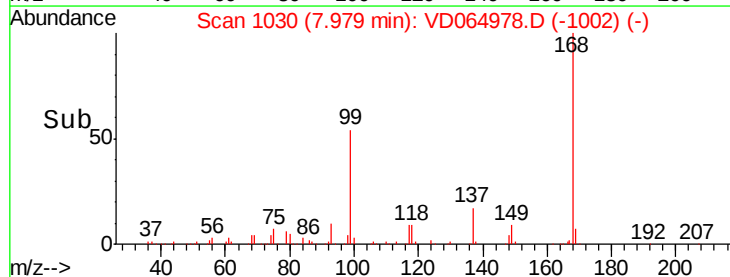
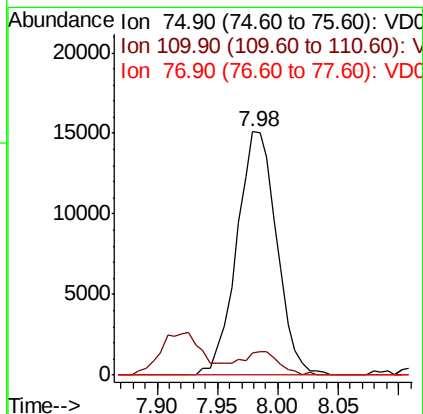
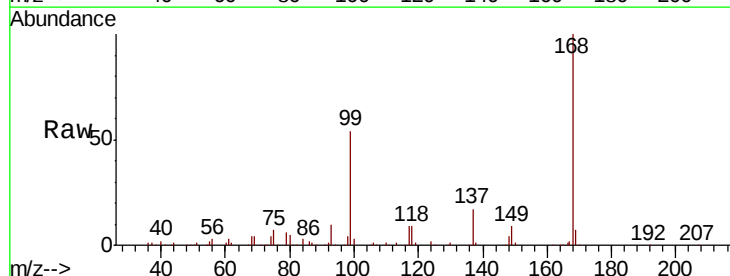
Instrument :
 MSVOA_D
 ClientSampled :

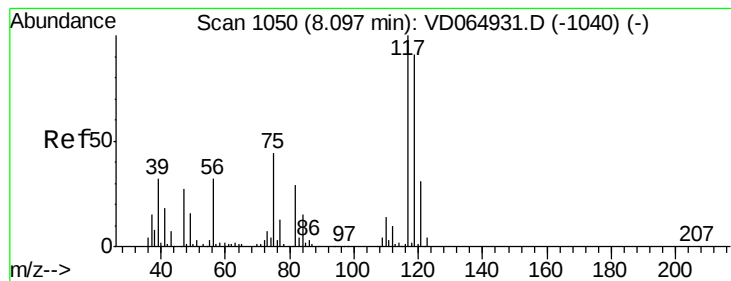
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.4	123.6
192	22.0	16.9	25.3



#36
 1,1-Dichloropropene
 Concen: 4.617 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD064978.D
 Acq: 28 Jan 2020 14:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.3	52.0#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 5.902 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064978.D

Acq: 28 Jan 2020 14:53

Instrument :

MSVOA_D

ClientSampled :

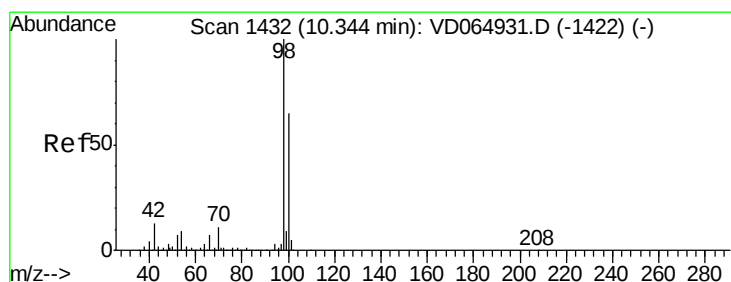
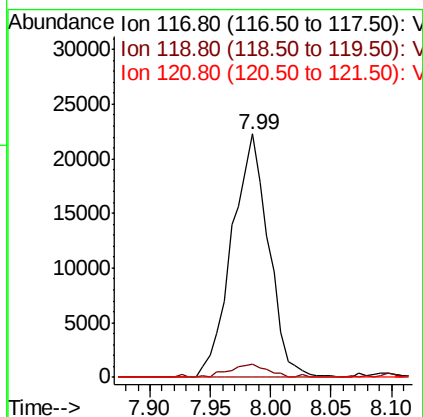
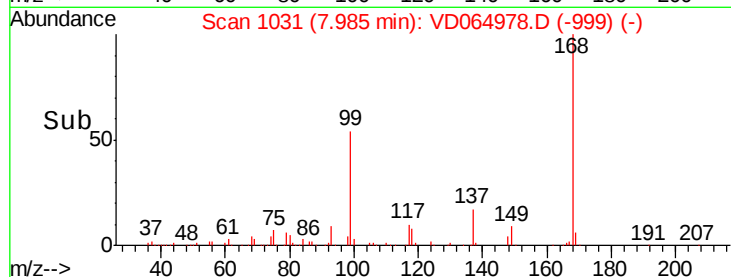
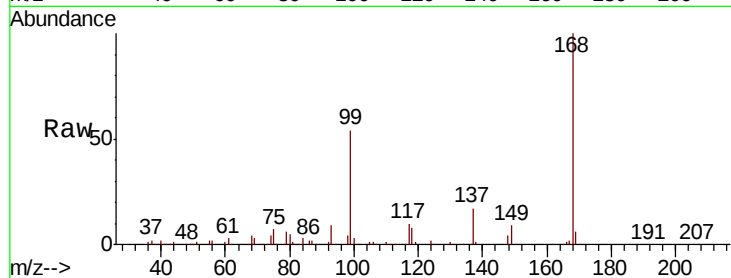
Tot Ion:117 Resp: 47075

Ion Ratio Lower Upper

117 100

119 5.3 73.2 109.8#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 49.911 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064978.D

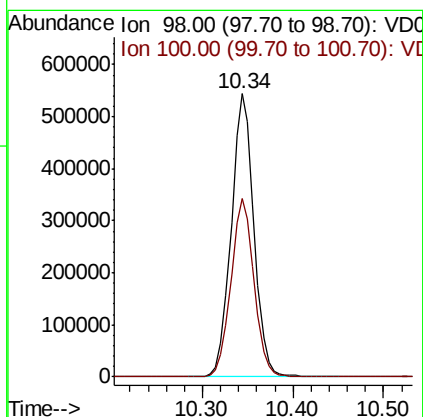
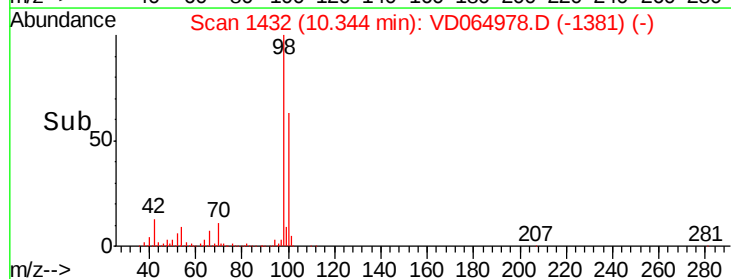
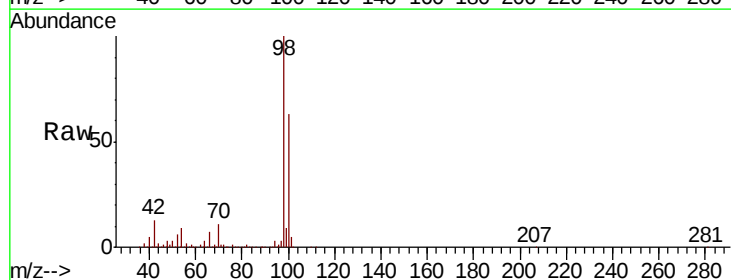
Acq: 28 Jan 2020 14:53

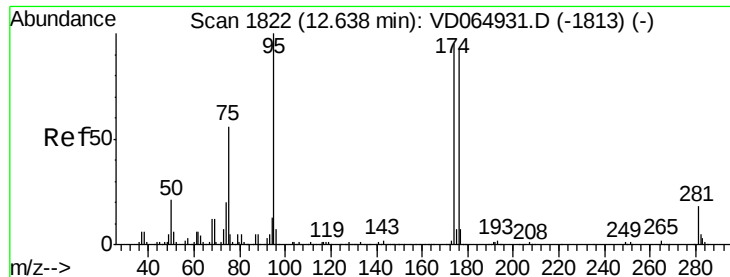
Tgt Ion: 98 Resp: 947325

Ion Ratio Lower Upper

98 100

100 64.2 52.3 78.5

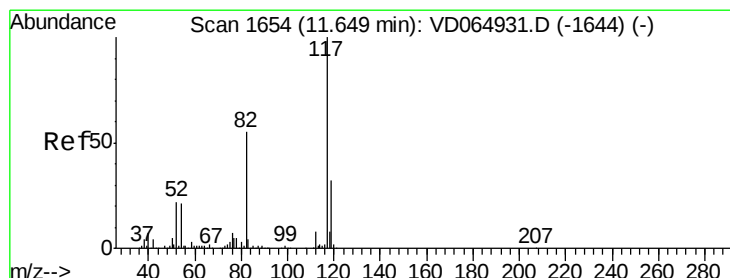
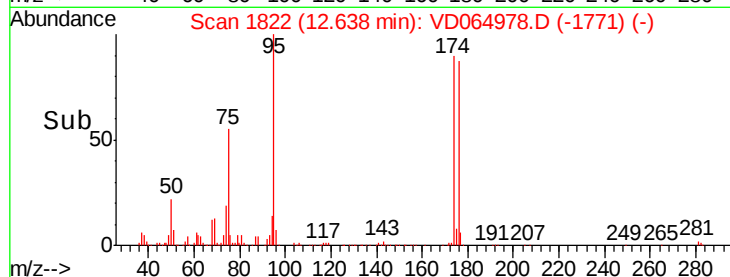
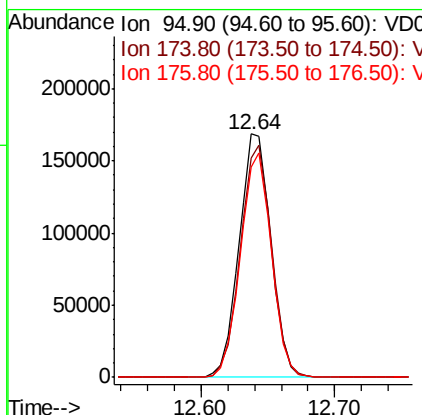
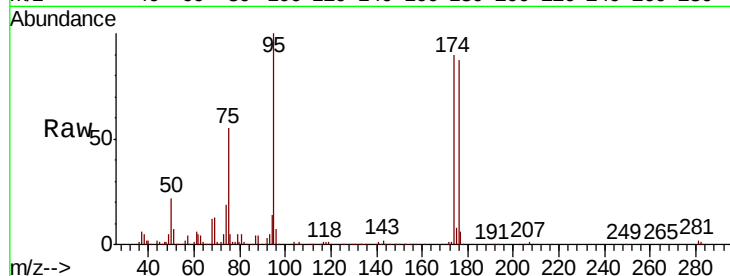




#62
4-Bromofluorobenzene
Concen: 47.542 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064978.D
Acq: 28 Jan 2020 14:53

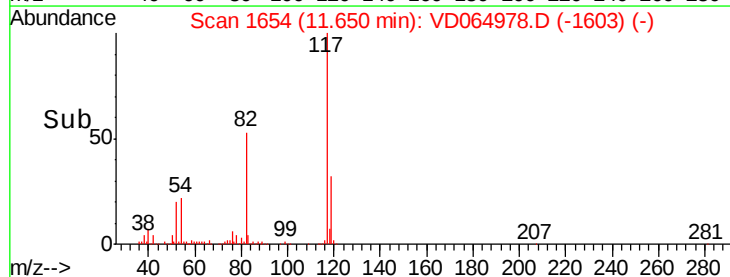
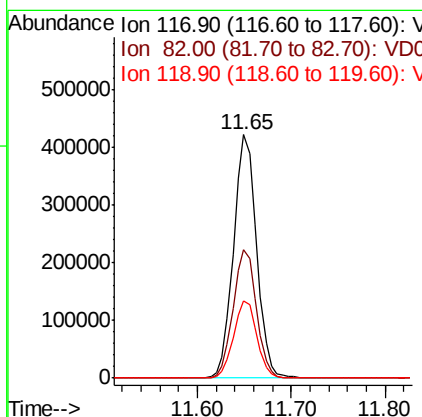
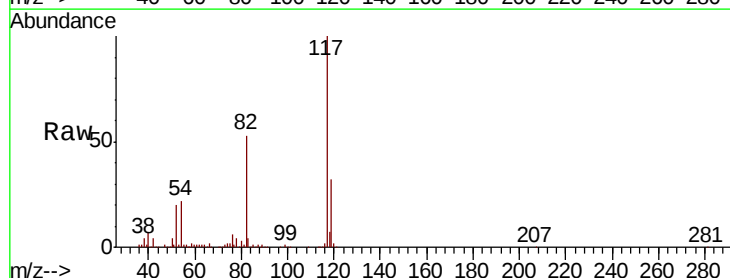
Instrument :
MSVOA_D
ClientSampleId :

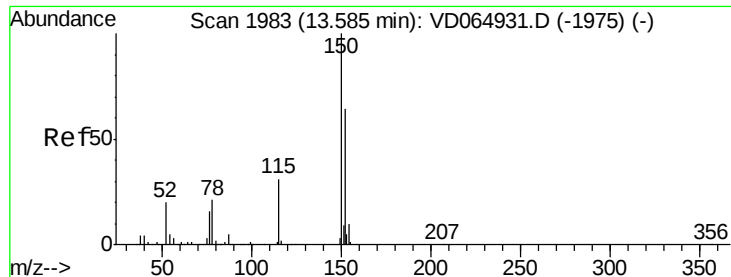
Tot Ion	Ratio	Lower	Upper
95	100		
174	94.0	0.0	186.8
176	90.1	0.0	183.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064978.D
Acq: 28 Jan 2020 14:53

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.6	65.4
119	31.8	25.2	37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064978.D

Acq: 28 Jan 2020 14:53

Instrument :

MSVOA_D

ClientSampleId :

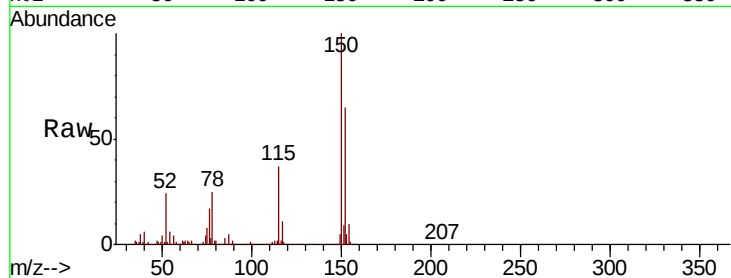
Tot Ion:152 Resp: 298254

Ion Ratio Lower Upper

152 100

115 55.8 28.1 84.4

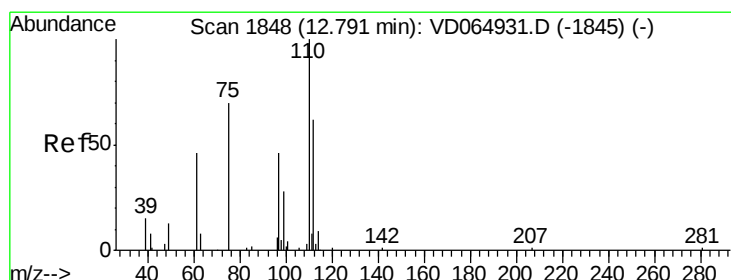
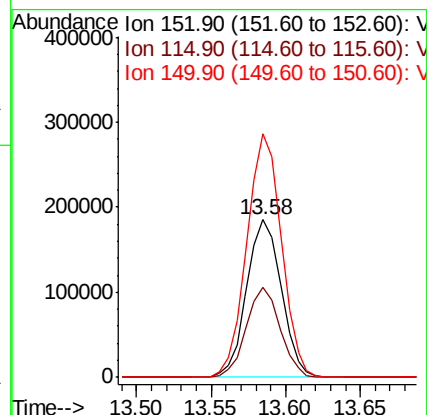
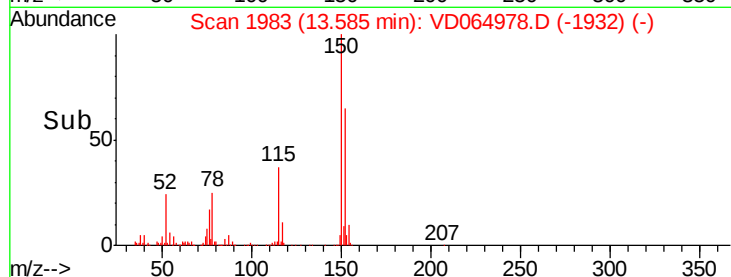
150 154.3 0.0 350.4



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: 61.555 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064978.D

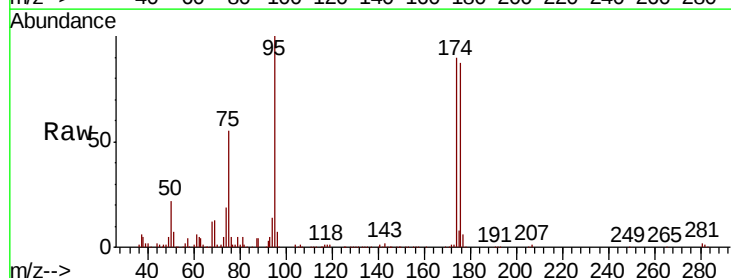
Acq: 28 Jan 2020 14:53

Tgt Ion: 75 Resp: 152381

Ion Ratio Lower Upper

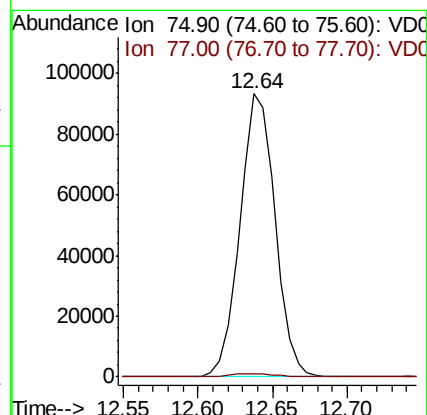
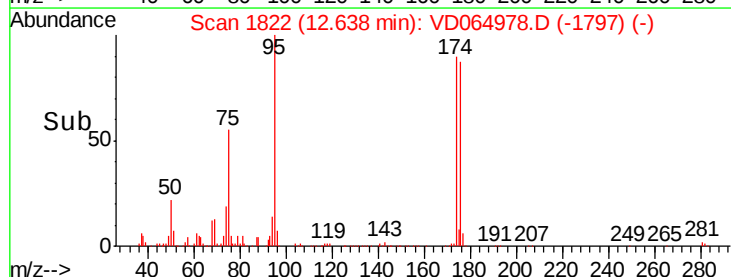
75 100

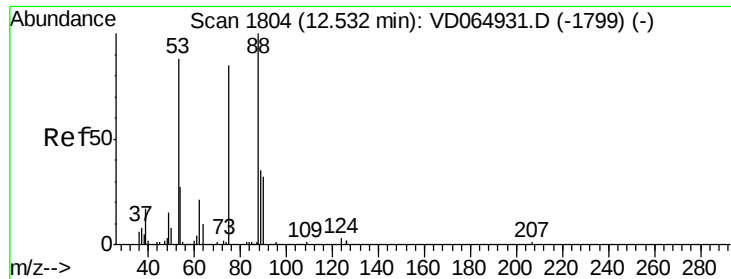
77 1.3 0.0 0.0#



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: 131.434 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064978.D

Acq: 28 Jan 2020 14:53

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 152381

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.4#

89 0.0 36.2 54.4#

