

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010320\
 Data File : VD064746.D
 Acq On : 03 Jan 2020 20:53
 Operator : VA/SY
 Sample : K6471-16
 Misc : 4.65G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 06 06:49:05 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

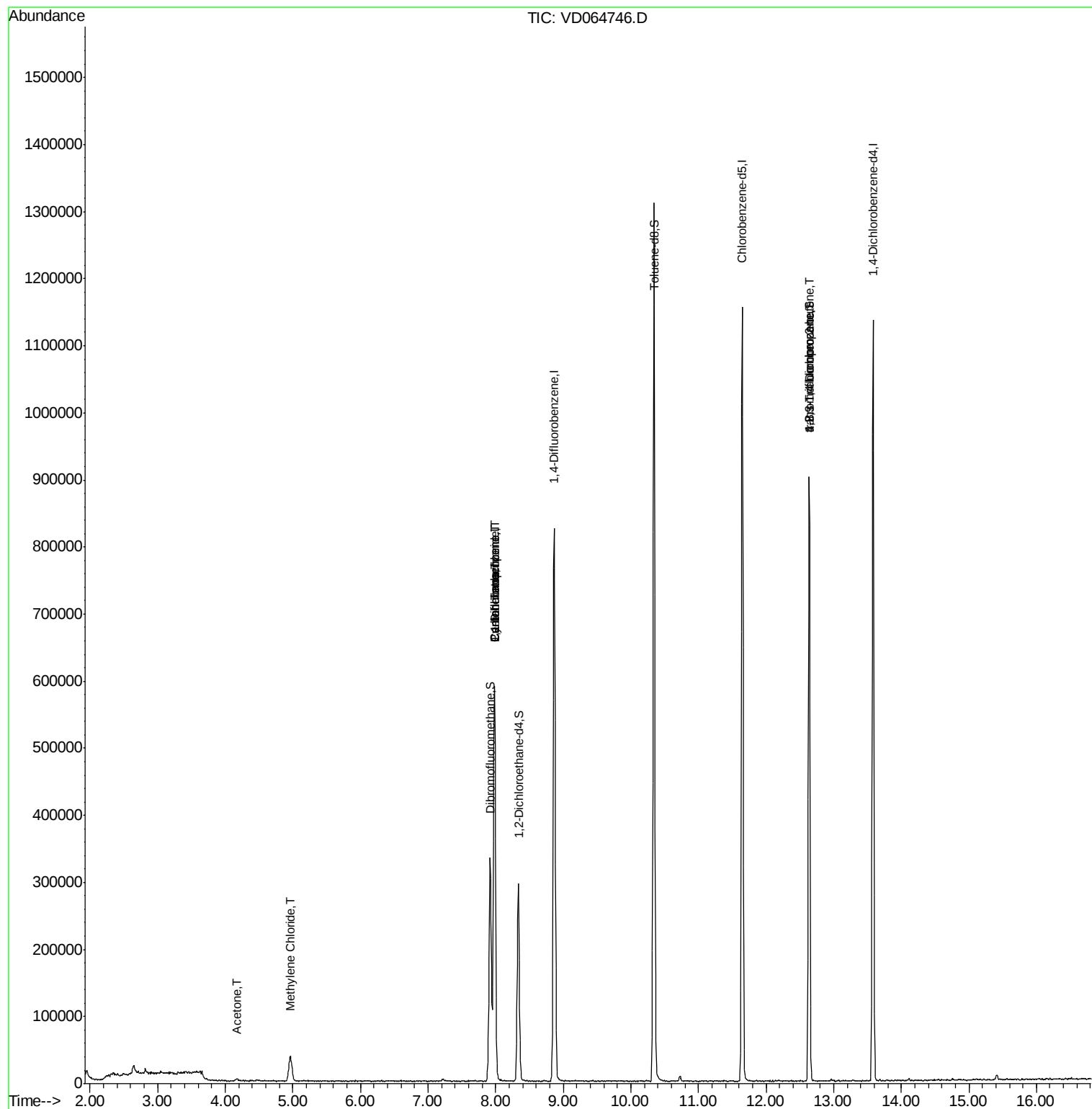
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	459911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	714151	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	642436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	299427	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	233212	57.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.02%	
35) Dibromofluoromethane	7.92	113	225108	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
50) Toluene-d8	10.34	98	849341	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
62) 4-Bromofluorobenzene	12.64	95	265323	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
Target Compounds						
16) Acetone	4.17	43	5452	9.810	ug/l #	78
20) Methylene Chloride	4.96	84	29193	2.384	ug/l	97
31) Cyclohexane	7.98	56	9683	1.281	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	32373	4.710	ug/l #	51
38) Carbon Tetrachloride	7.98	117	43993	6.002	ug/l #	18
76) 1,2,3-Trichloropropane	12.64	75	142574	60.299	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	142574	126.113	ug/l #	10

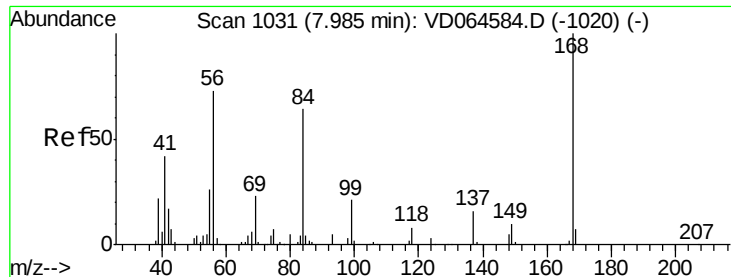
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064746.D

Acq: 03 Jan 2020 20:53

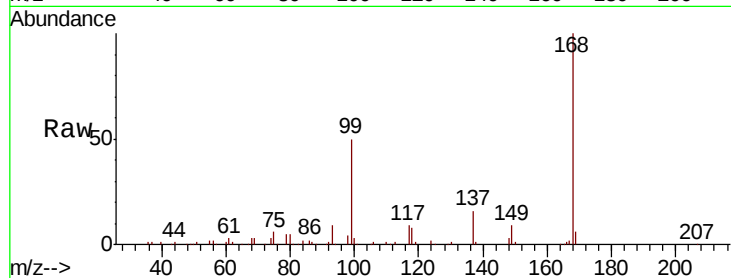
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 459911

Ion Ratio Lower Upper

168 100

99 50.0 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

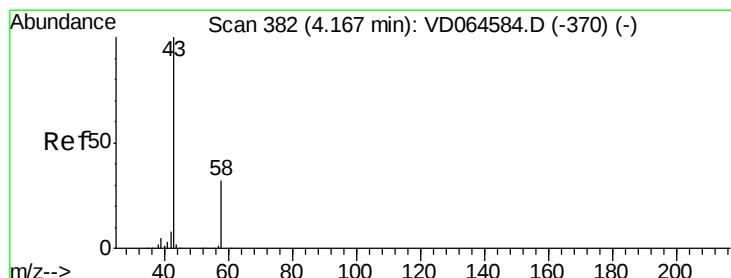
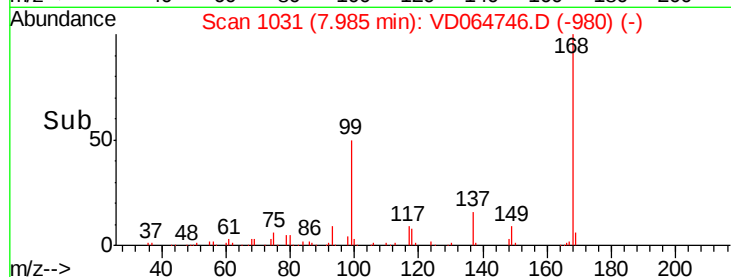
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.810 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064746.D

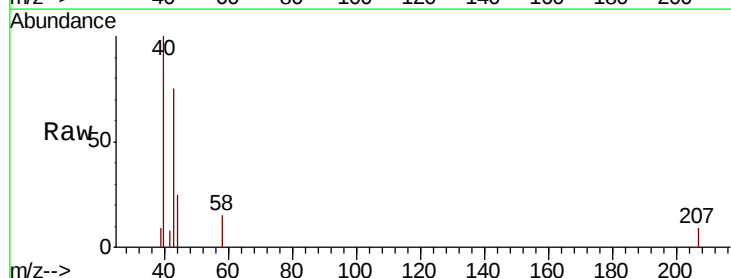
Acq: 03 Jan 2020 20:53

Tgt Ion: 43 Resp: 5452

Ion Ratio Lower Upper

43 100

58 19.9 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

2500

2000

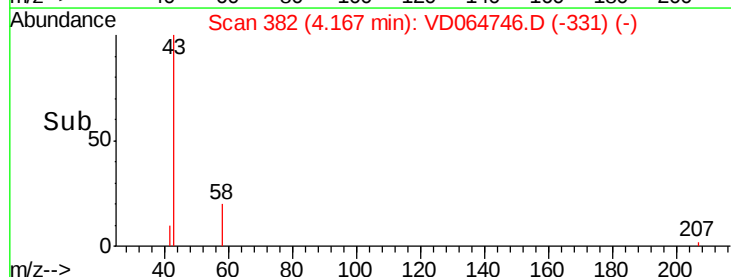
1500

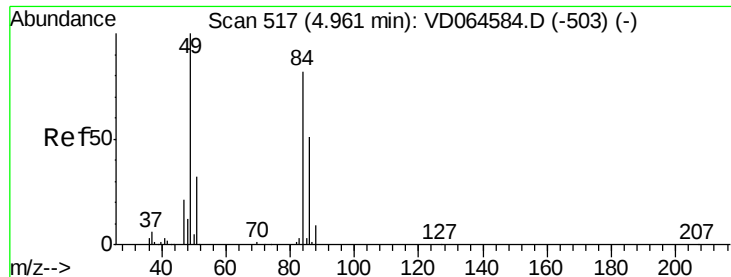
1000

500

0

Time-->

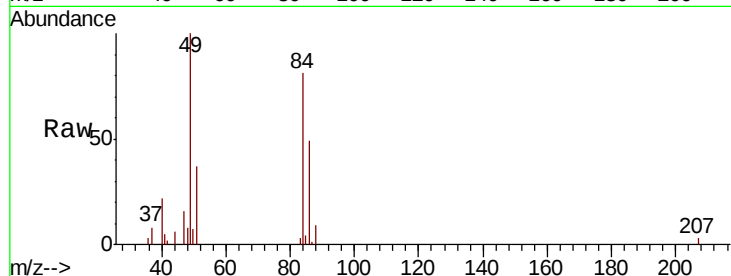




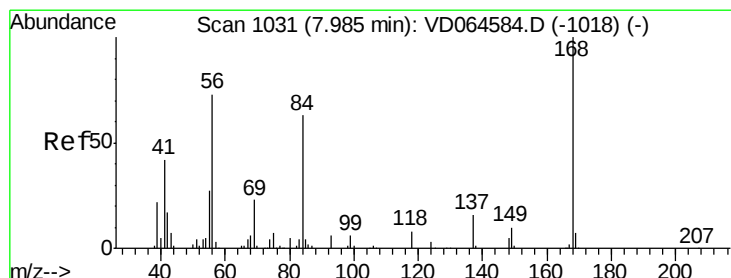
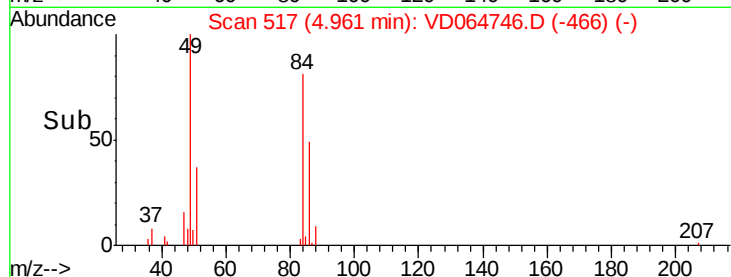
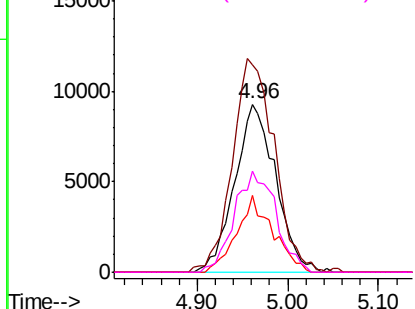
#20
Methvlene Chloride
Concen: 2.384 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064746.D
Acq: 03 Jan 2020 20:53

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 29193
Ion Ratio Lower Upper
84 100
49 123.5 97.2 145.8
51 45.9 31.4 47.0
86 60.2 49.3 73.9

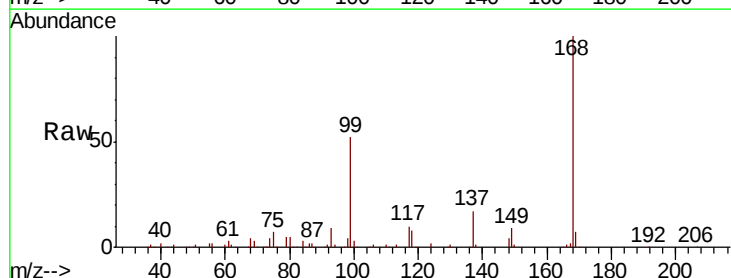


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

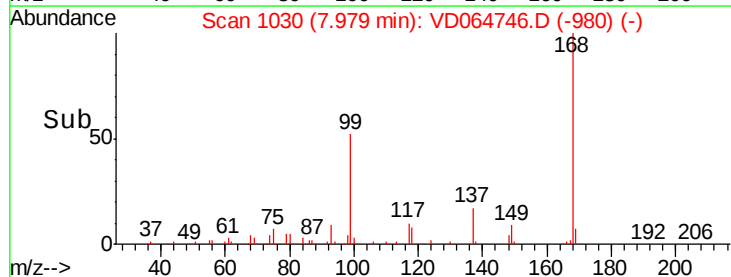
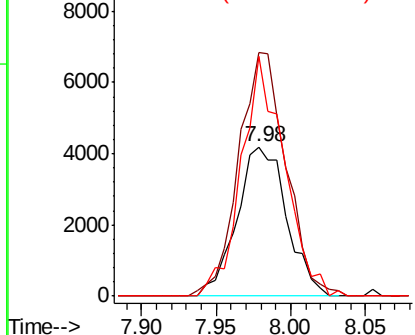


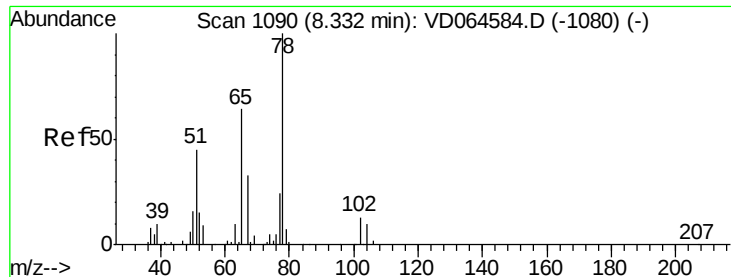
#31
Cyclohexane
Concen: 1.281 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064746.D
Acq: 03 Jan 2020 20:53

Tgt Ion: 56 Resp: 9683
Ion Ratio Lower Upper
56 100
69 163.4 24.7 37.1#
84 160.9 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

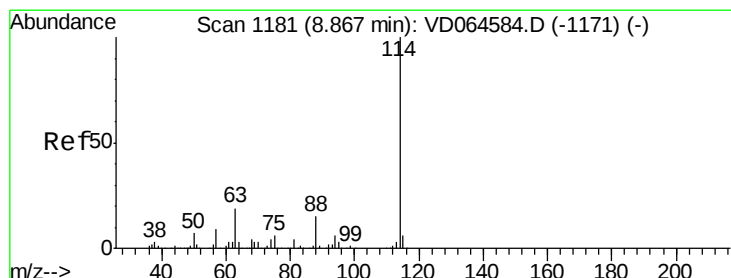
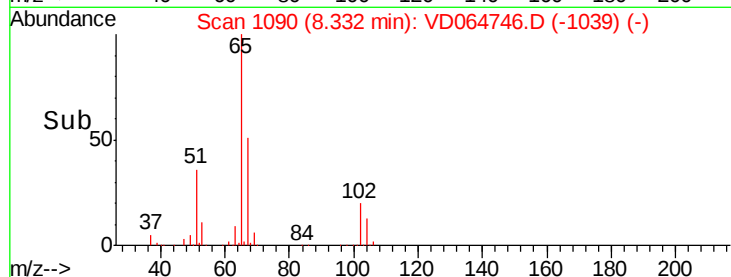
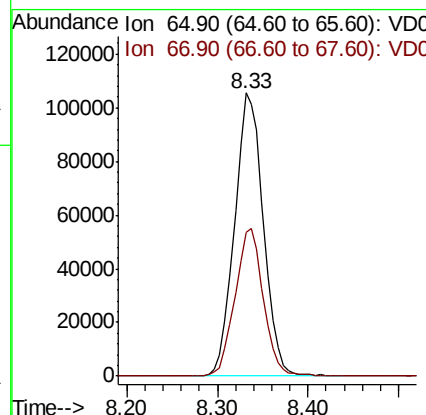
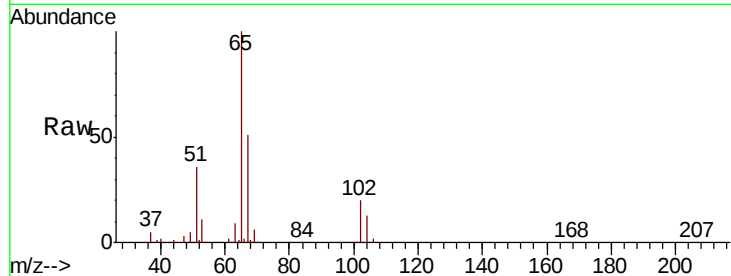




#33
 1,2-Dichloroethane-d4
 Concen: 57.506 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064746.D
 Acq: 03 Jan 2020 20:53

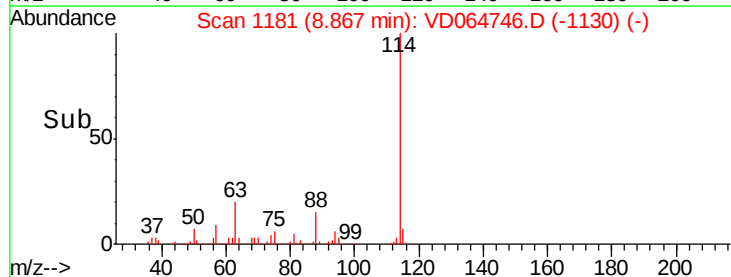
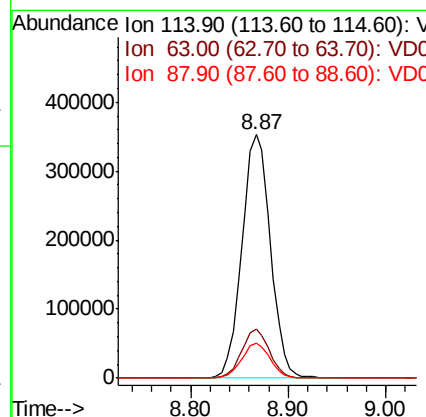
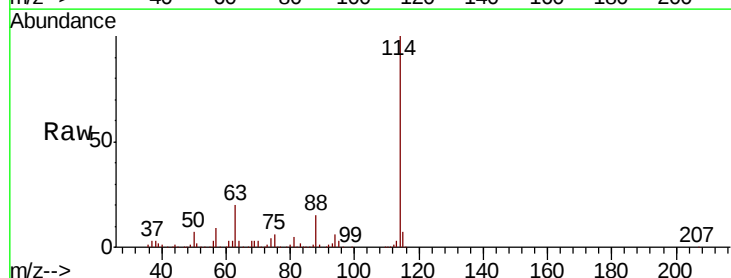
Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 65 Resp: 233212
 Ion Ratio Lower Upper
 65 100
 67 51.2 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: VD064746.D
 Acq: 03 Jan 2020 20:53

Tgt Ion: 114 Resp: 714151
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.0
 88 14.6 0.0 29.2

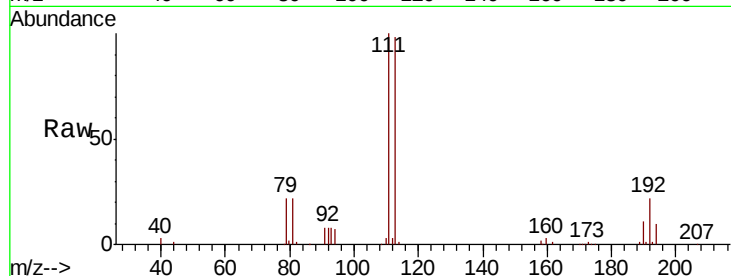




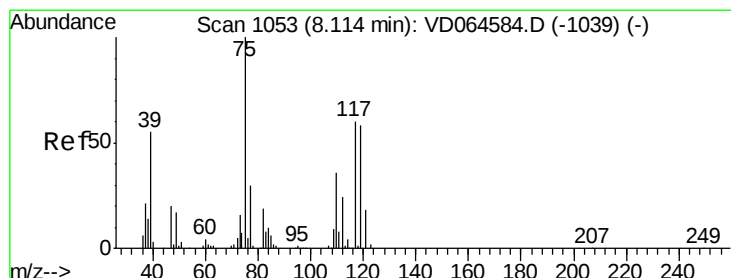
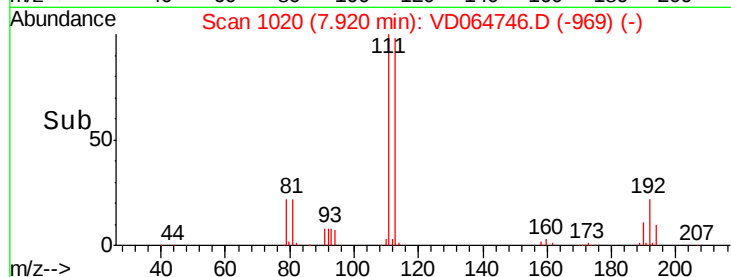
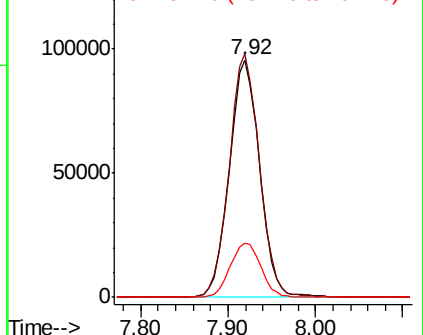
#35
 Dibromofluoromethane
 Concen: 51.378 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064746.D
 Acq: 03 Jan 2020 20:53

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	80.6	121.0
192	22.8	17.9	26.9

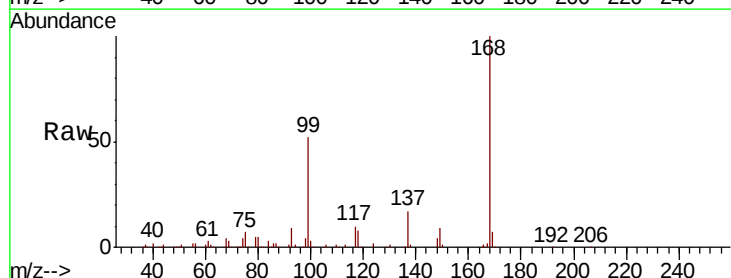


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

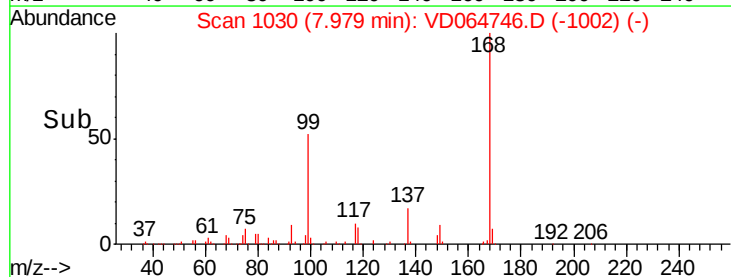
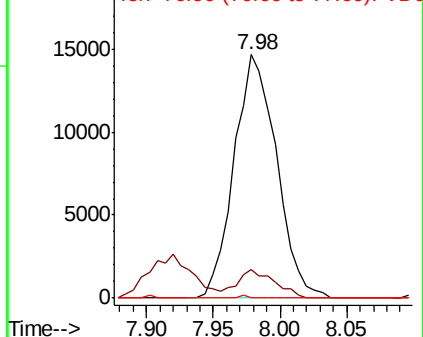


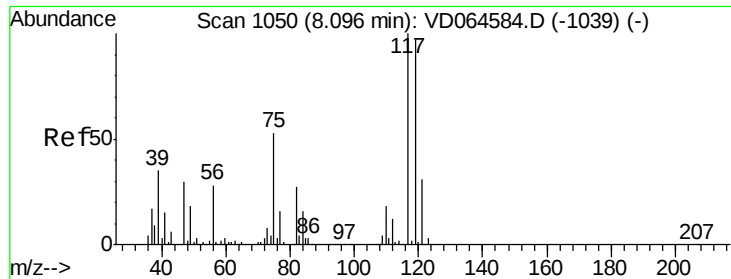
#36
 1,1-Dichloropropene
 Concen: 4.710 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD064746.D
 Acq: 03 Jan 2020 20:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.3	18.1	54.1#
77	0.2	24.2	36.4#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

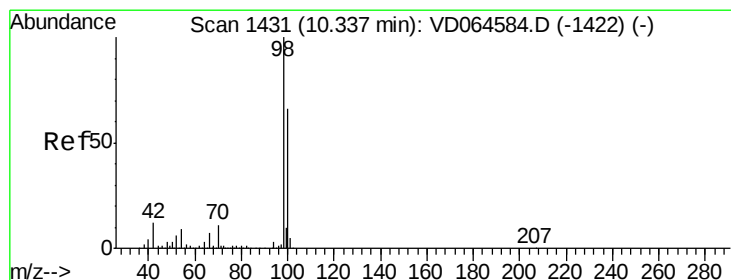
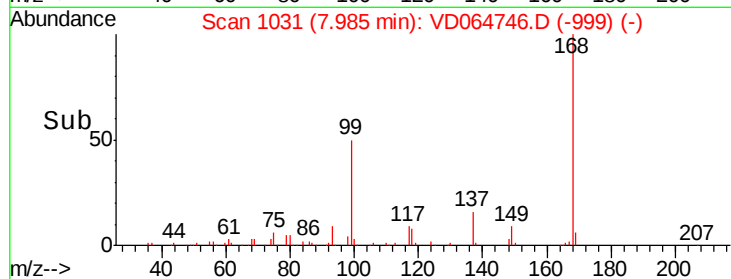
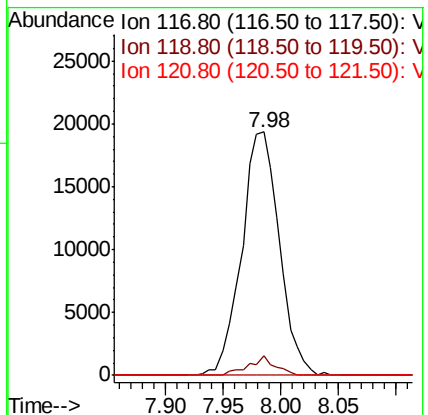
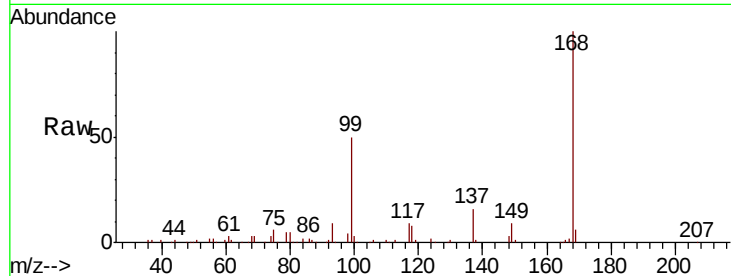




#38
Carbon Tetrachloride
Concen: 6.002 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD064746.D
Acq: 03 Jan 2020 20:53

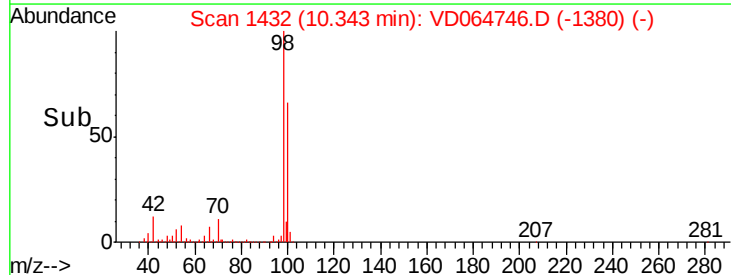
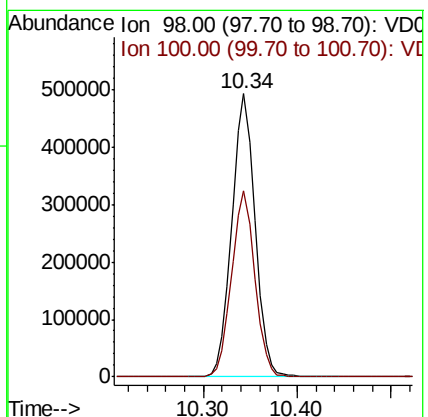
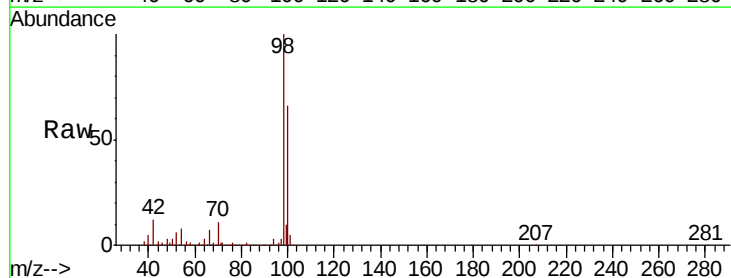
Instrument :
MSVOA_D
ClientSampleId :

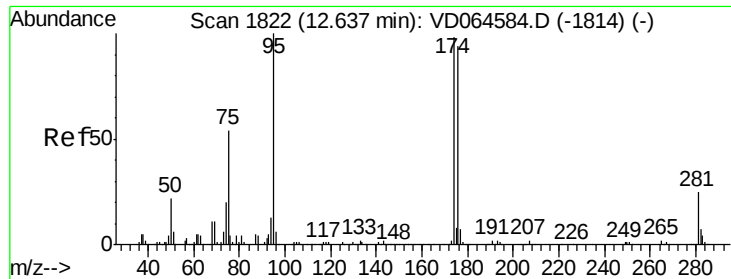
Tot Ion:117 Resp: 43993
Ion Ratio Lower Upper
117 100
119 8.3 77.3 115.9#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 50.615 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064746.D
Acq: 03 Jan 2020 20:53

Tgt Ion: 98 Resp: 849341
Ion Ratio Lower Upper
98 100
100 65.6 51.7 77.5

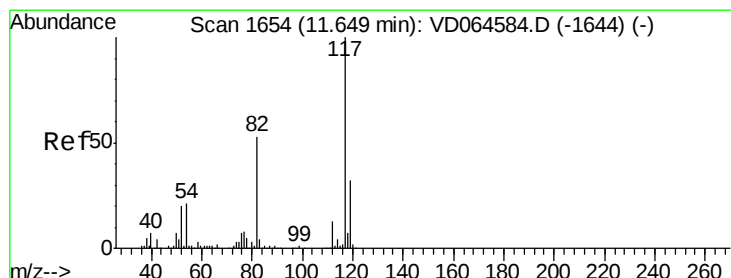
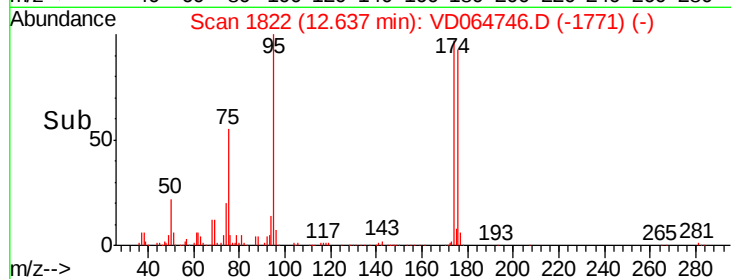
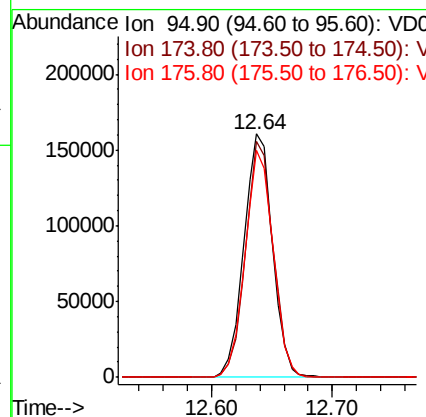
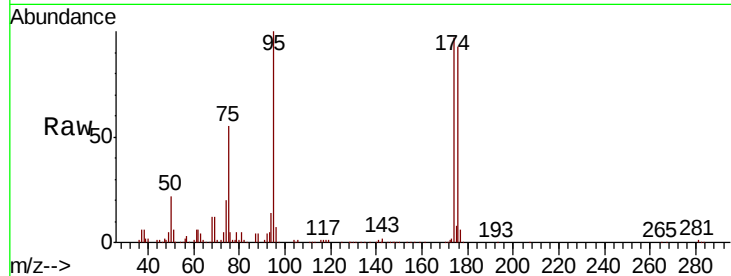




#62
4-Bromofluorobenzene
Concen: 50.003 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064746.D
Acq: 03 Jan 2020 20:53

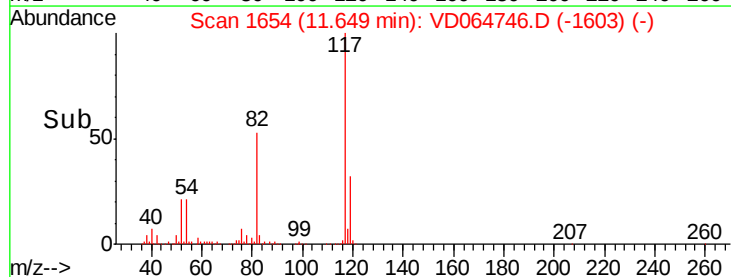
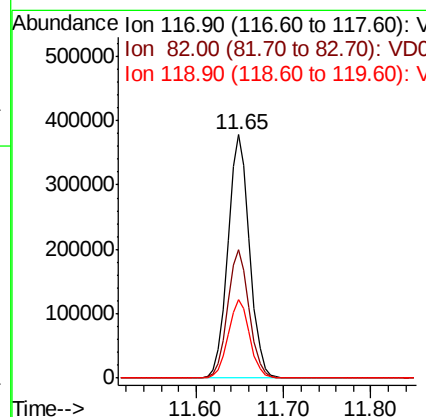
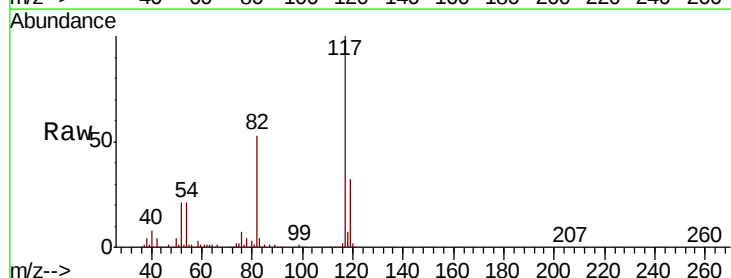
Instrument :
MSVOA_D
ClientSampleId :

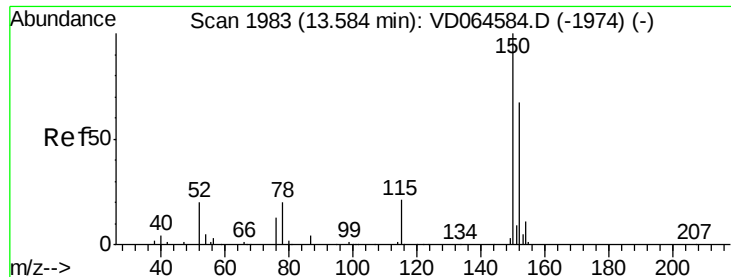
Tot Ion: 95 Resp: 265323
Ion Ratio Lower Upper
95 100
174 93.5 0.0 193.2
176 91.9 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064746.D
Acq: 03 Jan 2020 20:53

Tgt Ion: 117 Resp: 642436
Ion Ratio Lower Upper
117 100
82 52.9 42.2 63.4
119 32.1 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: VD064746.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

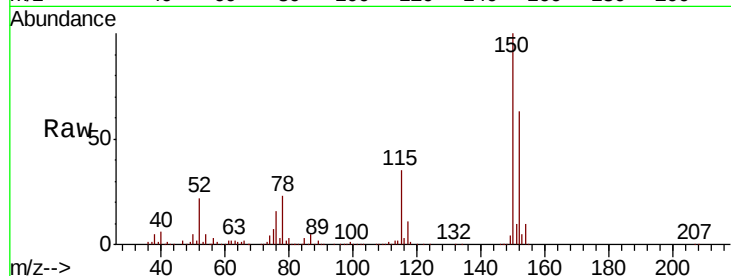
Tot Ion:152 Resp: 299427

Ion Ratio Lower Upper

152 100

115 54.8 27.8 83.4

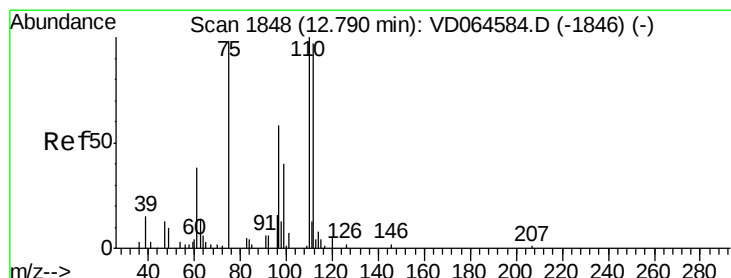
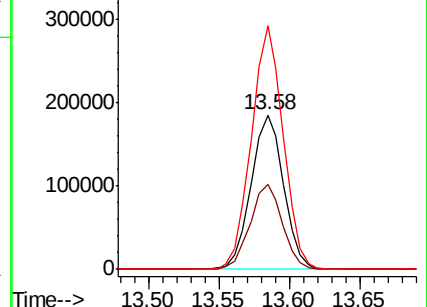
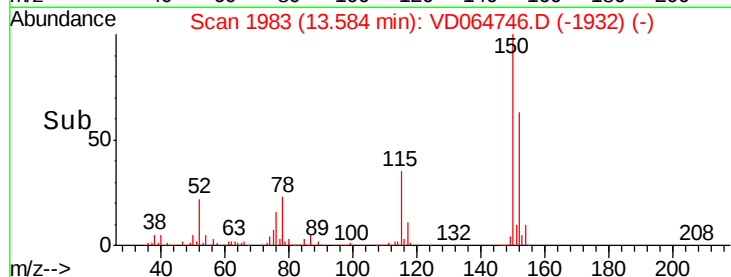
150 154.7 0.0 351.4



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: 60.299 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064746.D

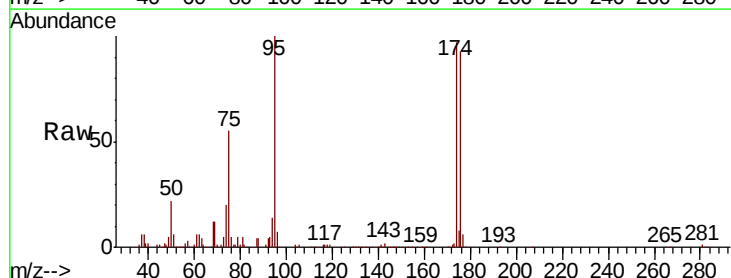
Acq: 03 Jan 2020 20:53

Tgt Ion: 75 Resp: 142574

Ion Ratio Lower Upper

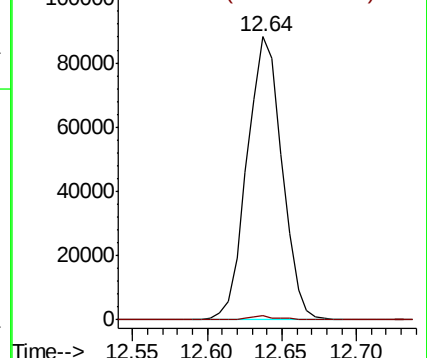
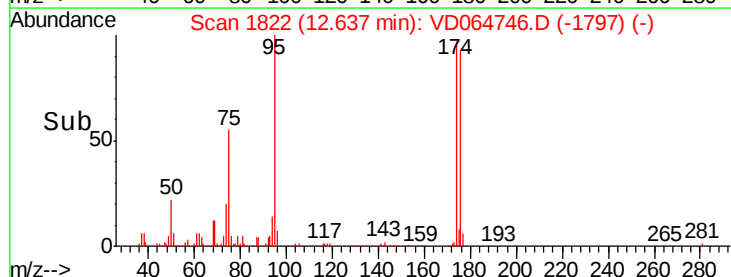
75 100

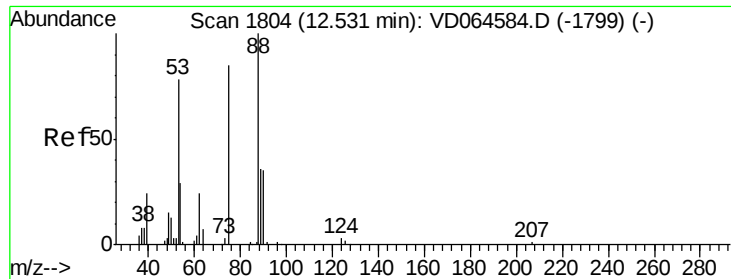
77 1.2 0.0 0.0#



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: 126.113 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064746.D

Acq: 03 Jan 2020 20:53

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 142574

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.1 38.3 57.5#

