

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010320\
 Data File : VD064767.D
 Acq On : 04 Jan 2020 08:19
 Operator : VA/SY
 Sample : K6479-02
 Misc : 7.69G/5.00ml/MSVOA D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 06 06:54:18 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

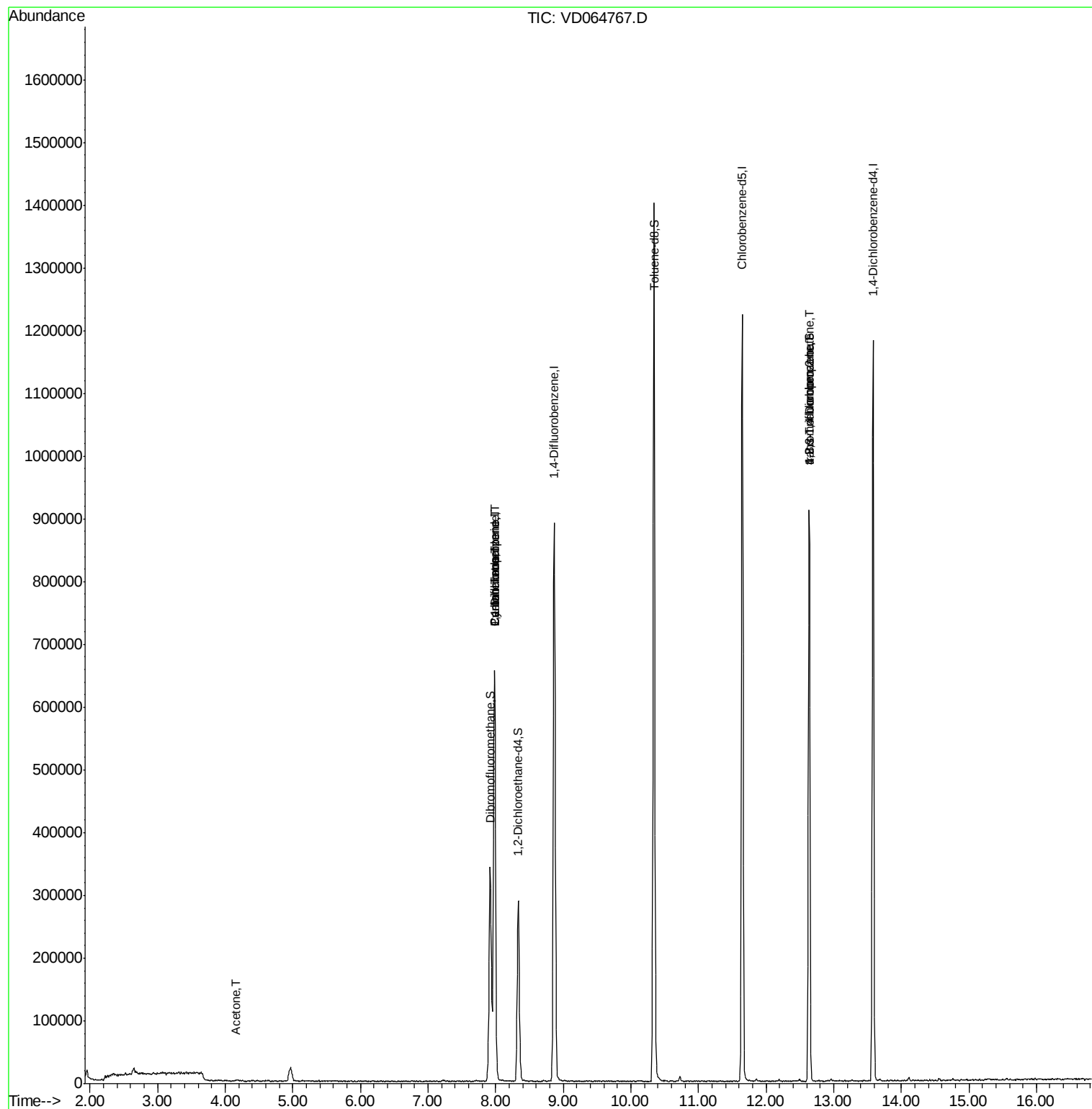
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	505956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	763199	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	678975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	309583	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	232166	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
35) Dibromofluoromethane	7.92	113	233708	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	10.34	98	909687	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.64	95	274674	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
Target Compounds				Qvalue		
16) Acetone	4.16	43	3501	7.469	ug/l	92
20) Methylene Chloride	4.96	84	17058	Below Cal	#	87
31) Cyclohexane	7.98	56	10487	1.261	ug/l #	15
36) 1,1-Dichloropropene	7.98	75	35647	4.853	ug/l #	50
38) Carbon Tetrachloride	7.98	117	47941	6.121	ug/l #	14
76) 1,2,3-Trichloropropane	12.64	75	147808	60.462	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	147808	126.454	ug/l #	10

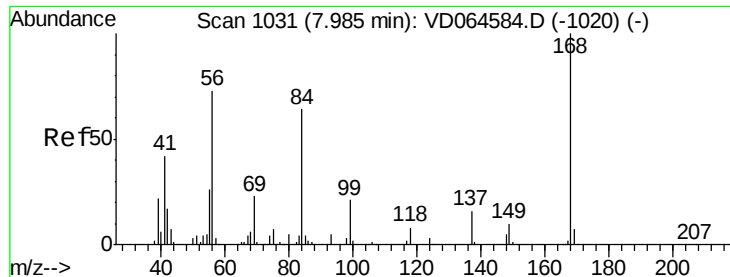
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064767.D

Acq: 04 Jan 2020 08:19

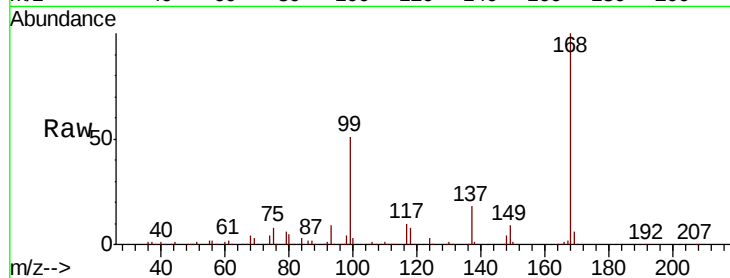
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 505956

Ion Ratio Lower Upper

168 100

99 50.7 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

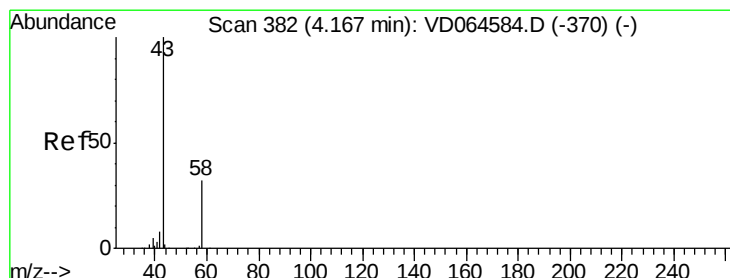
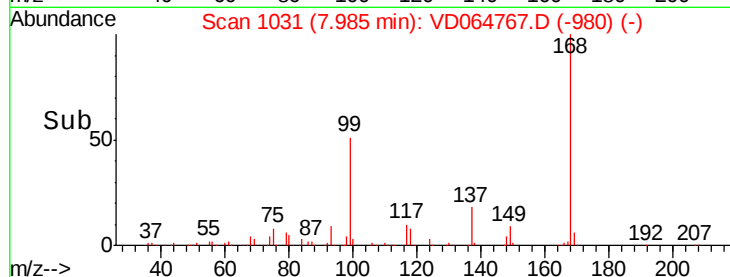
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.469 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064767.D

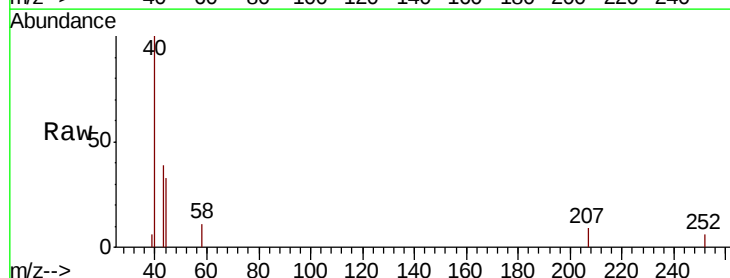
Acq: 04 Jan 2020 08:19

Tgt Ion: 43 Resp: 3501

Ion Ratio Lower Upper

43 100

58 27.8 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

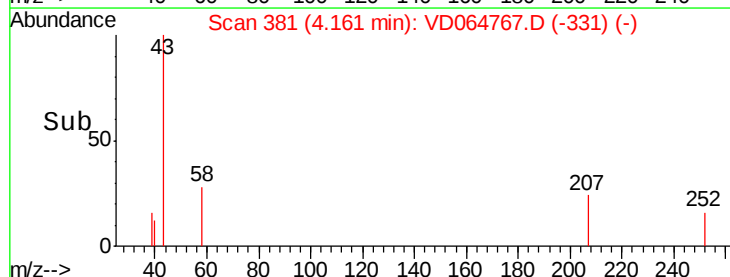
1500

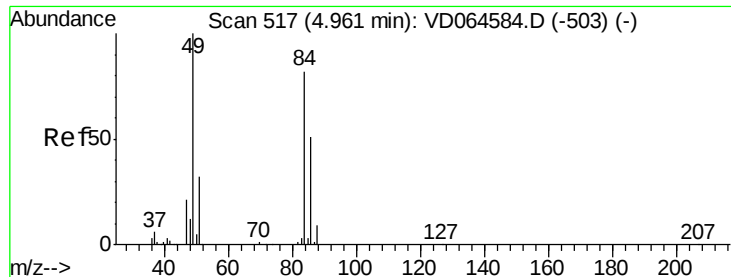
1000

500

0

Time-->

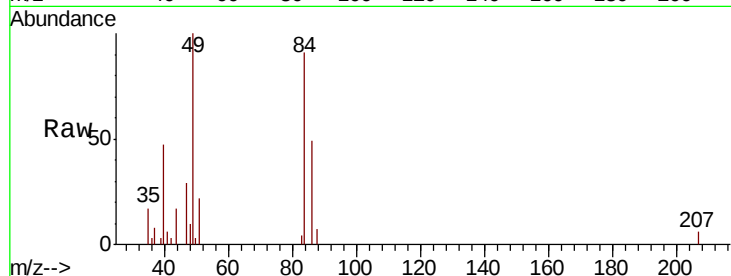




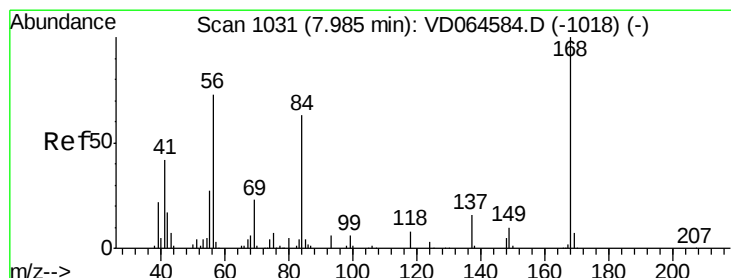
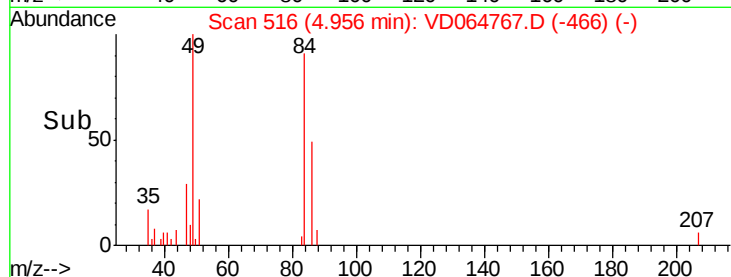
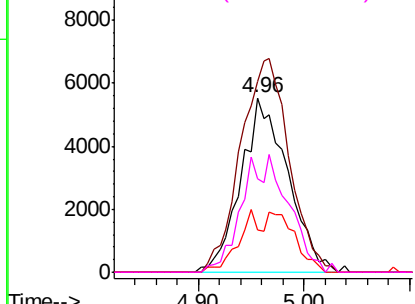
#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD064767.D
Acq: 04 Jan 2020 08:19

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 84 Resp: 17058
Ion Ratio Lower Upper
84 100
49 109.4 97.2 145.8
51 24.0 31.4 47.0#
86 53.8 49.3 73.9

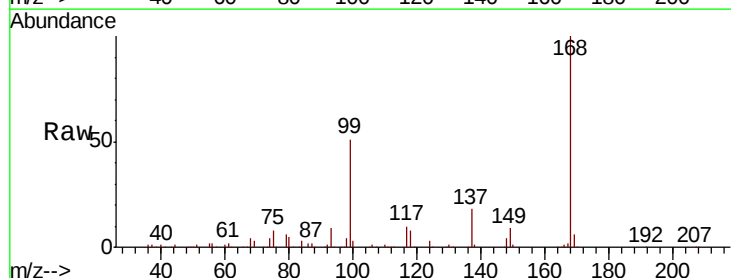


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

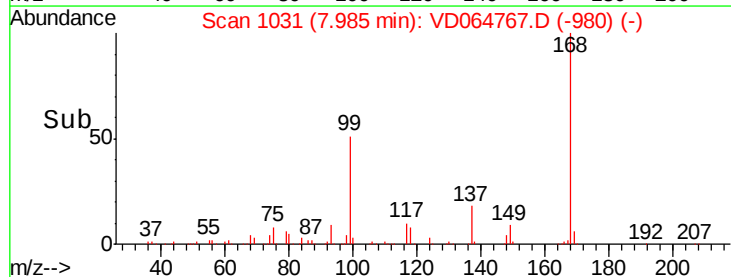
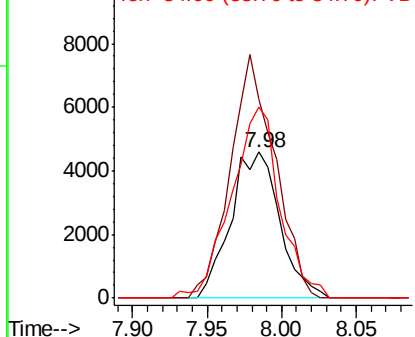


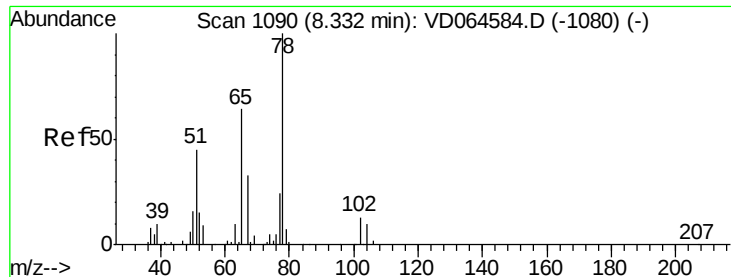
#31
Cyclohexane
Concen: 1.261 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064767.D
Acq: 04 Jan 2020 08:19

Tgt Ion: 56 Resp: 10487
Ion Ratio Lower Upper
56 100
69 135.8 24.7 37.1#
84 130.8 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

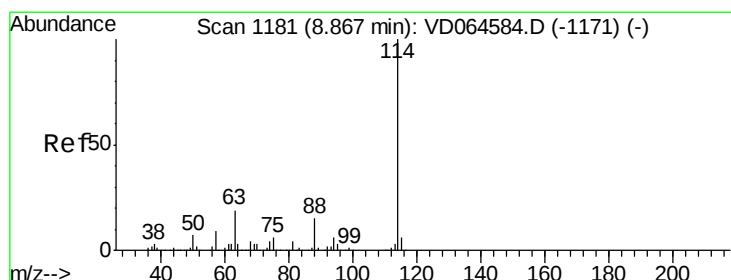
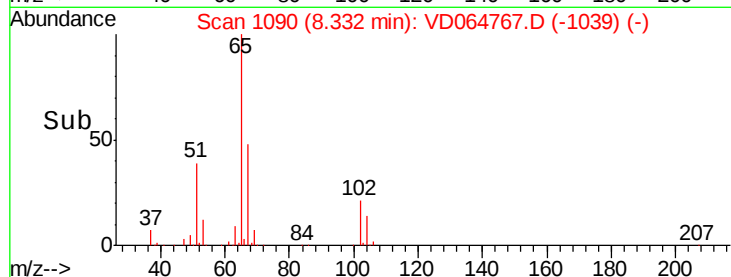
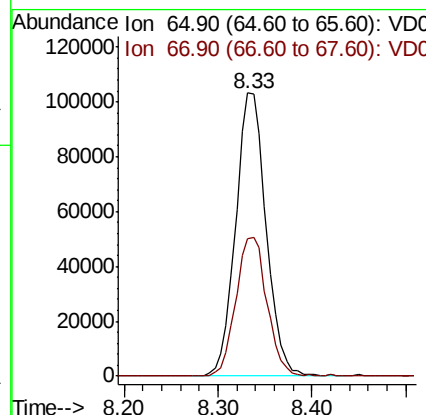
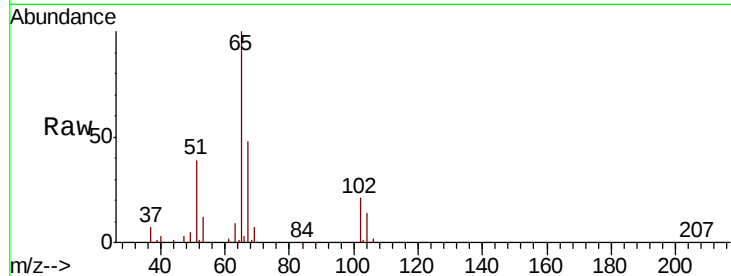




#33
 1,2-Dichloroethane-d4
 Concen: 52.038 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064767.D
 Acq: 04 Jan 2020 08:19

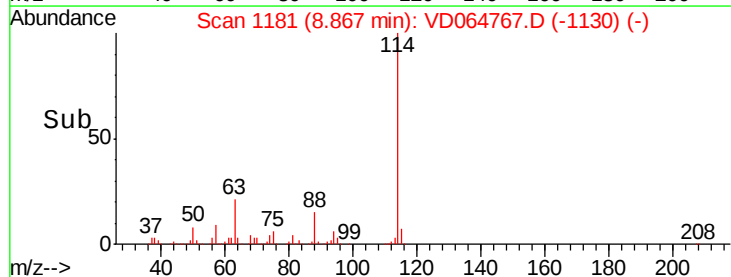
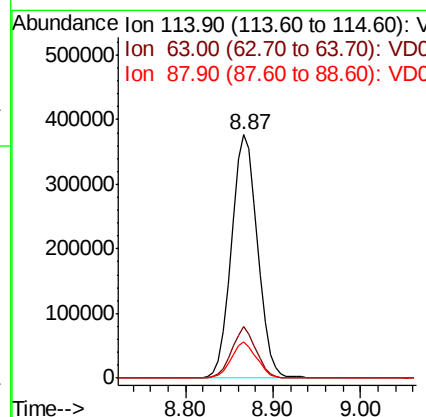
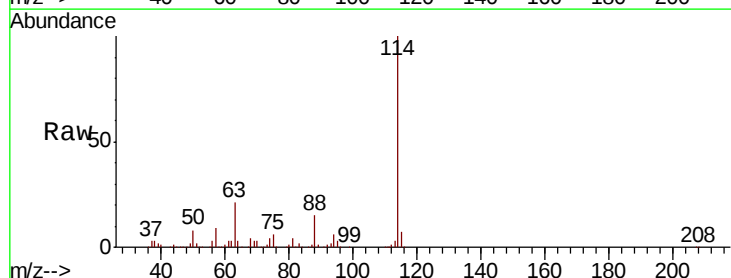
Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 65 Resp: 232166
 Ion Ratio Lower Upper
 65 100
 67 50.1 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: VD064767.D
 Acq: 04 Jan 2020 08:19

Tgt Ion: 114 Resp: 763199
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 38.0
 88 14.8 0.0 29.2

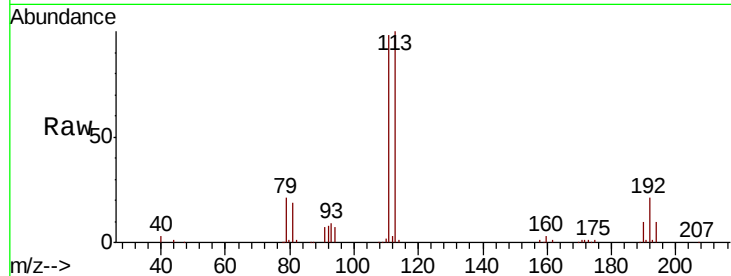




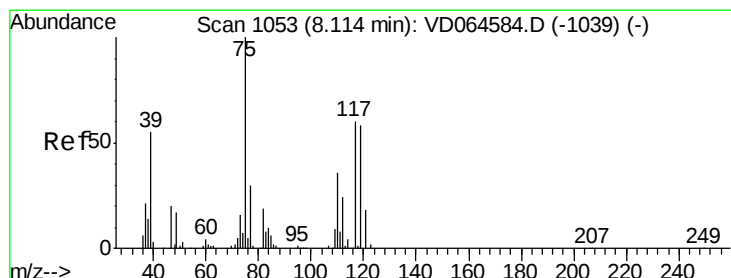
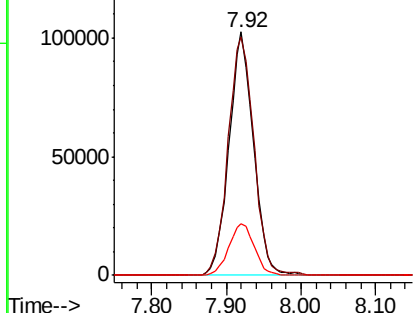
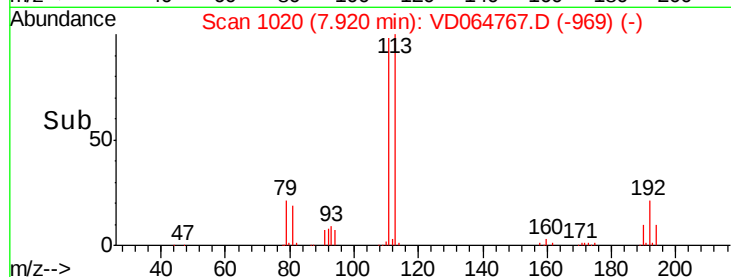
#35
 Dibromofluoromethane
 Concen: 49.912 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064767.D
 Acq: 04 Jan 2020 08:19

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.6	121.0
192	22.0	17.9	26.9

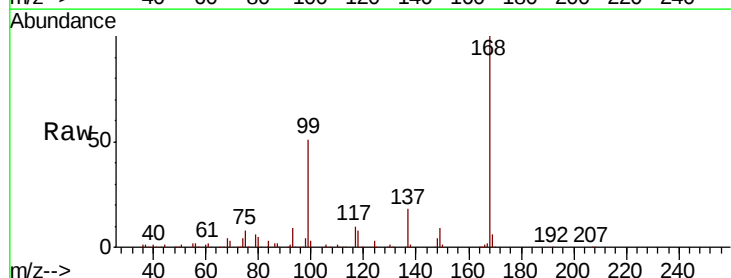


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

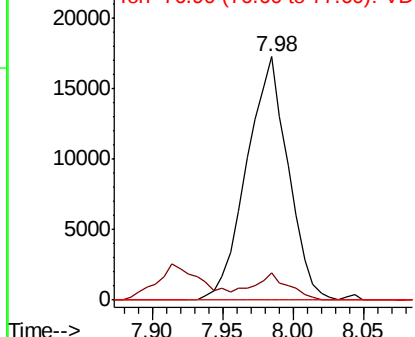
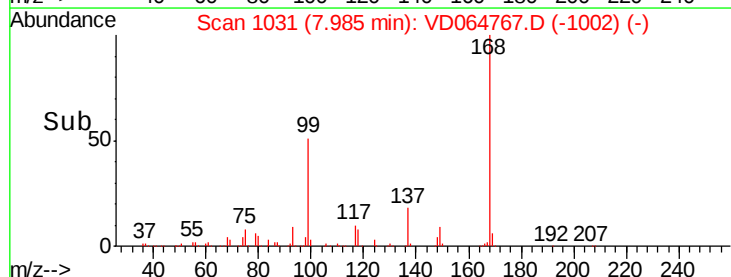


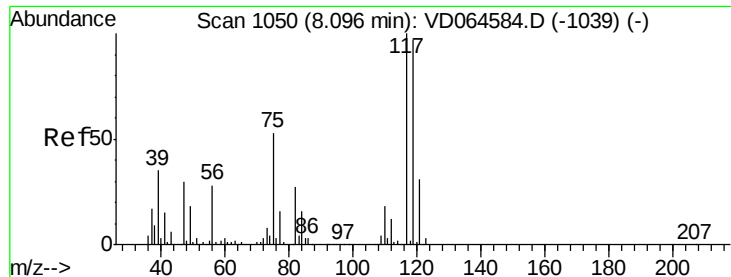
#36
 1,1-Dichloropropene
 Concen: 4.853 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064767.D
 Acq: 04 Jan 2020 08:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.1#
77	0.0	24.2	36.4#



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





#38

Carbon Tetrachloride

Concen: 6.121 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064767.D

Acq: 04 Jan 2020 08:19

Instrument :

MSVOA_D

ClientSampleId :

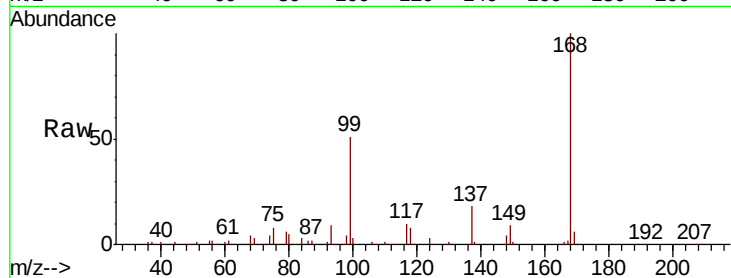
Tot Ion:117 Resp: 47941

Ion Ratio Lower Upper

117 100

119 3.6 77.3 115.9#

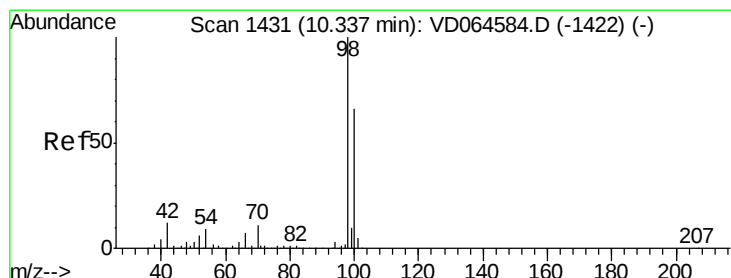
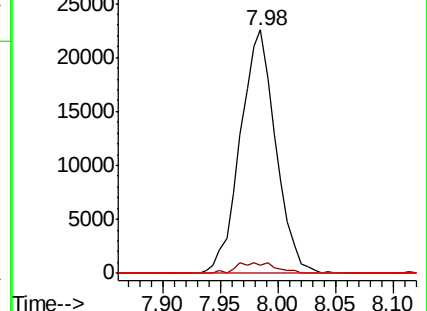
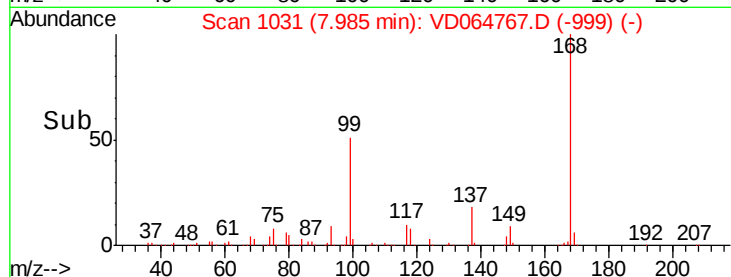
121 0.0 25.0 37.6#



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: 50.727 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064767.D

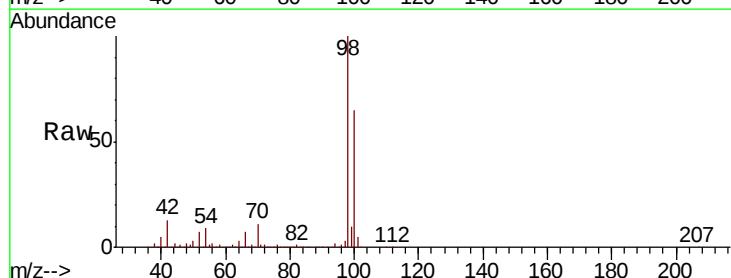
Acq: 04 Jan 2020 08:19

Tgt Ion: 98 Resp: 909687

Ion Ratio Lower Upper

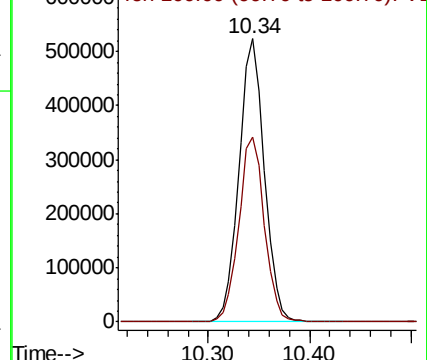
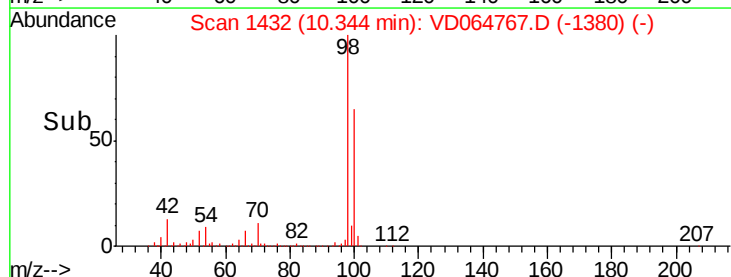
98 100

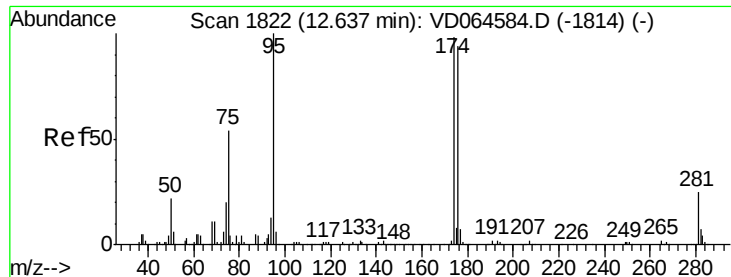
100 65.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

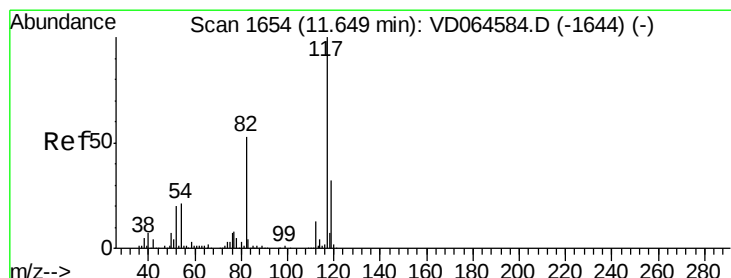
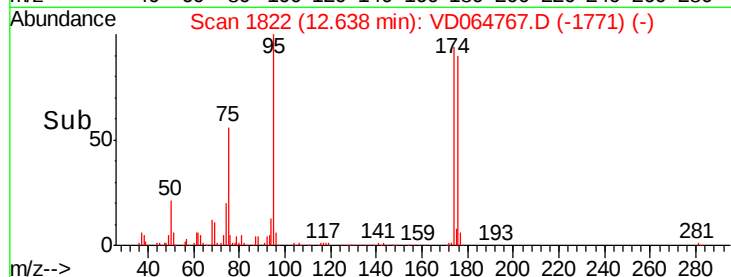
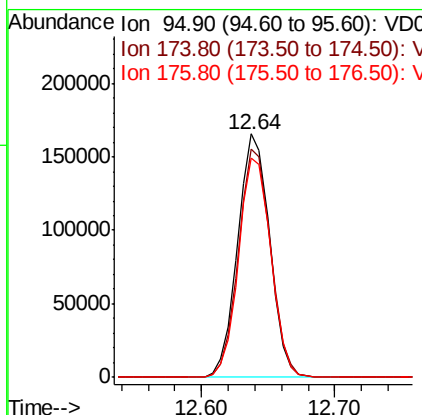
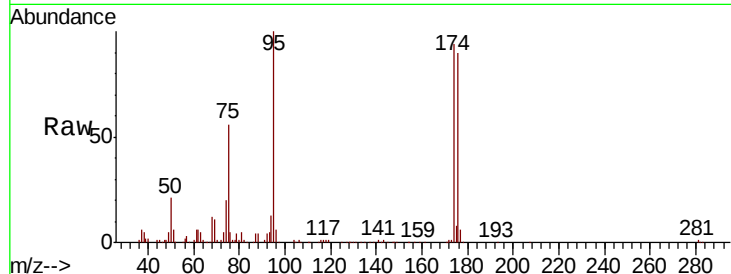




#62
4-Bromofluorobenzene
Concen: 48.438 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064767.D
Acq: 04 Jan 2020 08:19

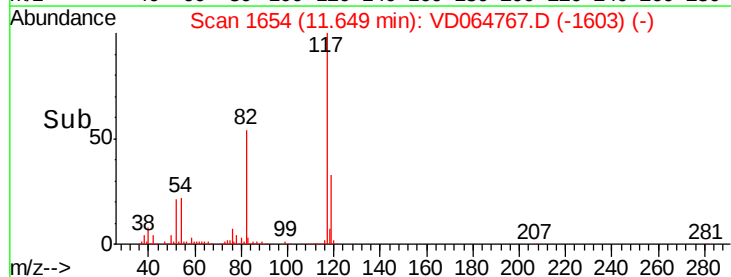
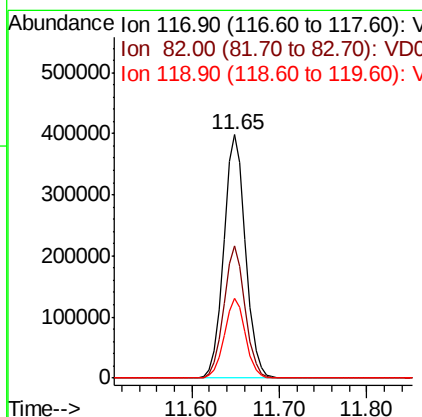
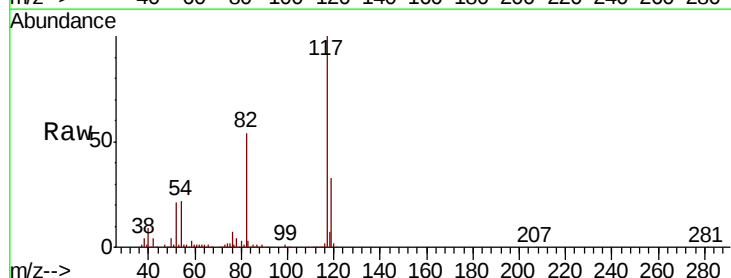
Instrument :
MSVOA_D
ClientSampleId :

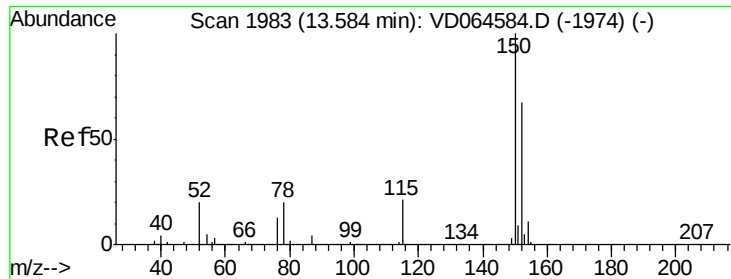
Tot Ion: 95 Resp: 274674
Ion Ratio Lower Upper
95 100
174 94.2 0.0 193.2
176 90.7 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064767.D
Acq: 04 Jan 2020 08:19

Tgt Ion: 117 Resp: 678975
Ion Ratio Lower Upper
117 100
82 54.3 42.2 63.4
119 32.6 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: VD064767.D

Acq: 04 Jan 2020 08:19

Instrument :

MSVOA_D

ClientSampleId :

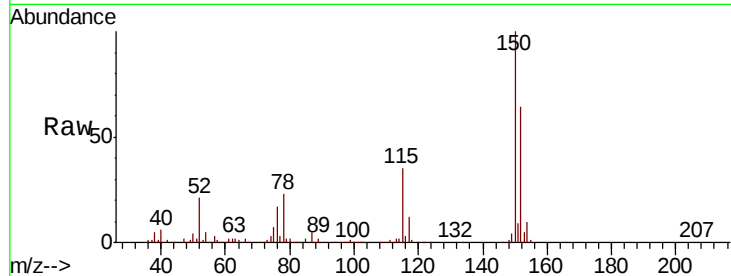
Tot Ion:152 Resp: 309583

Ion Ratio Lower Upper

152 100

115 54.2 27.8 83.4

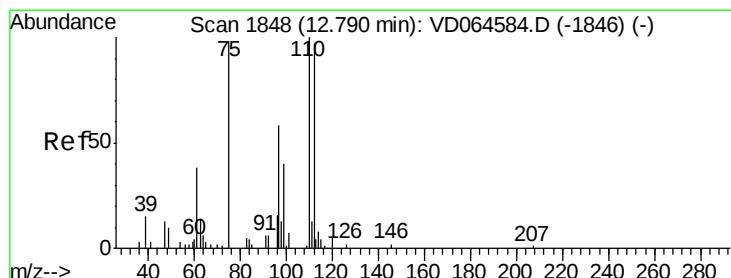
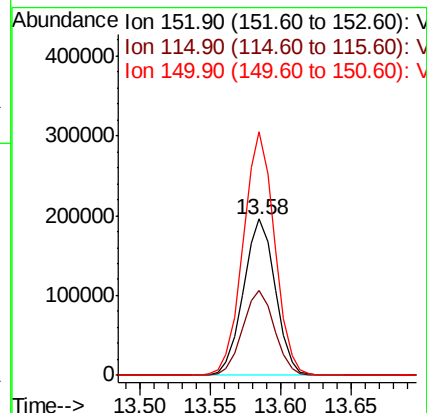
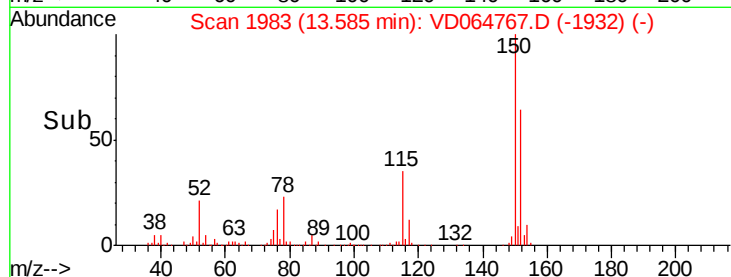
150 153.4 0.0 351.4



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: 60.462 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064767.D

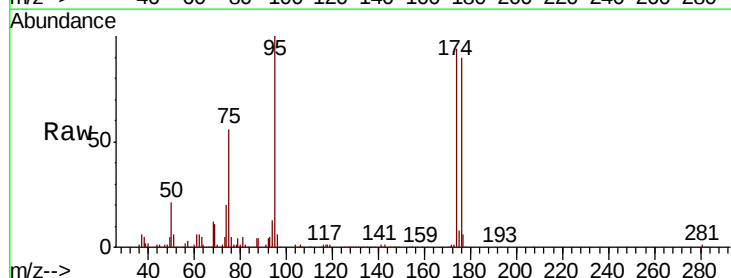
Acq: 04 Jan 2020 08:19

Tgt Ion: 75 Resp: 147808

Ion Ratio Lower Upper

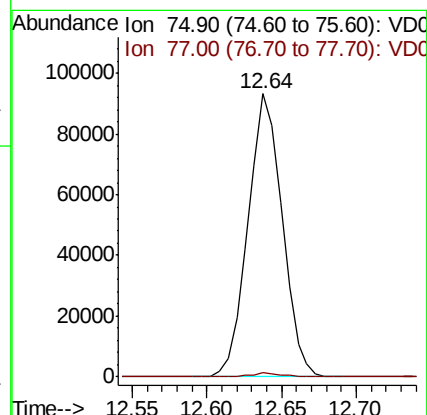
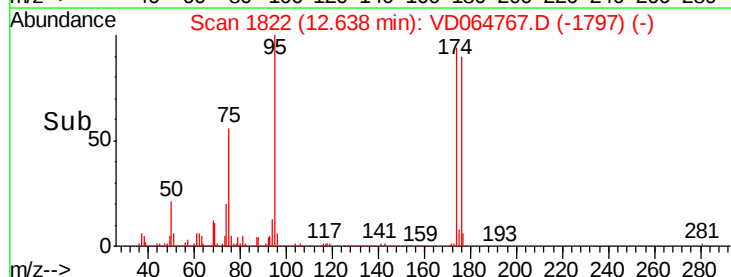
75 100

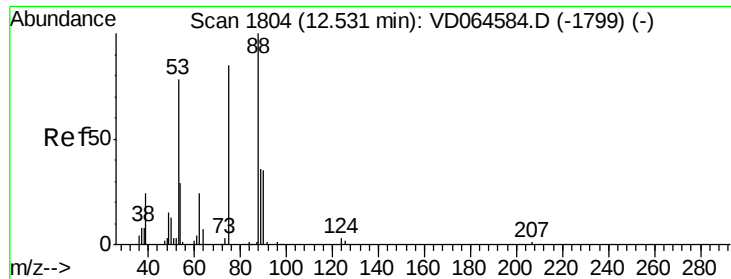
77 1.1 0.0 0.0#



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: 126.454 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064767.D

Acq: 04 Jan 2020 08:19

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 147808

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.0 38.3 57.5#

