

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010320\
 Data File : VD064761.D
 Acq On : 04 Jan 2020 05:26
 Operator : VA/SY
 Sample : K6474-03
 Misc : 6.50G/5.00ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 06 06:53:15 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

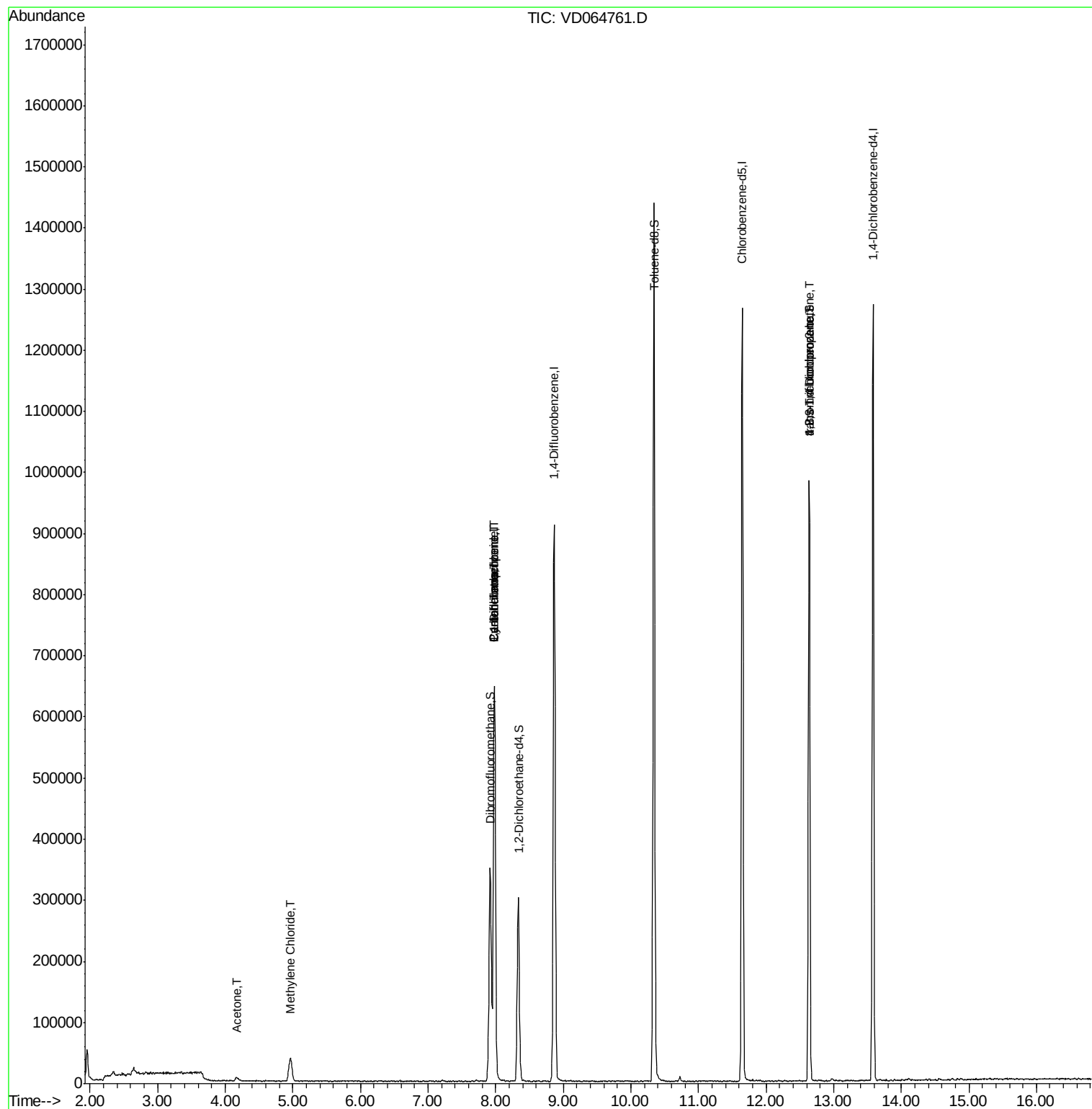
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	518952	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	786672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	709603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	336860	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	238092	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
35) Dibromofluoromethane	7.92	113	245080	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
50) Toluene-d8	10.34	98	942731	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.64	95	293787	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
Target Compounds						
16) Acetone	4.17	43	11423	14.643	ug/l #	85
20) Methylene Chloride	4.96	84	29825	1.646	ug/l	95
31) Cyclohexane	7.98	56	11659	1.366	ug/l #	33
36) 1,1-Dichloropropene	7.98	75	37079	4.897	ug/l #	49
38) Carbon Tetrachloride	7.98	117	48880	6.054	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	158453	59.568	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	158453	124.584	ug/l #	10

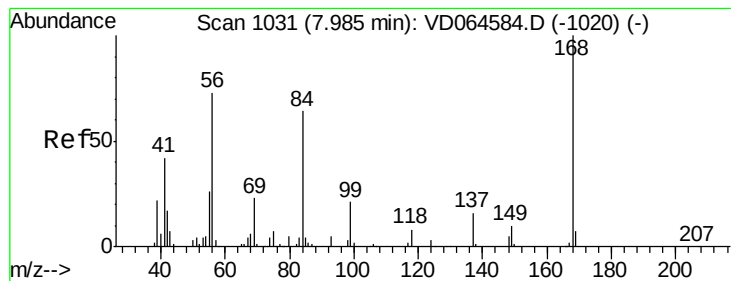
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064761.D

Acq: 04 Jan 2020 05:26

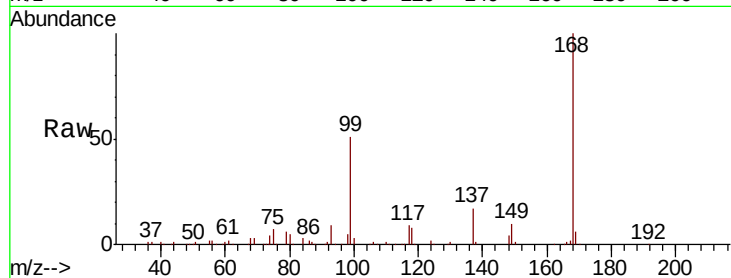
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 518952

Ion Ratio Lower Upper

168 100

99 51.2 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

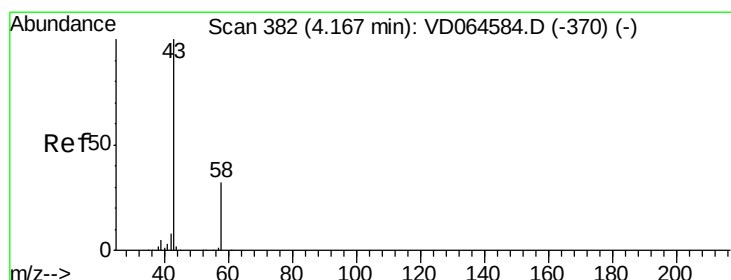
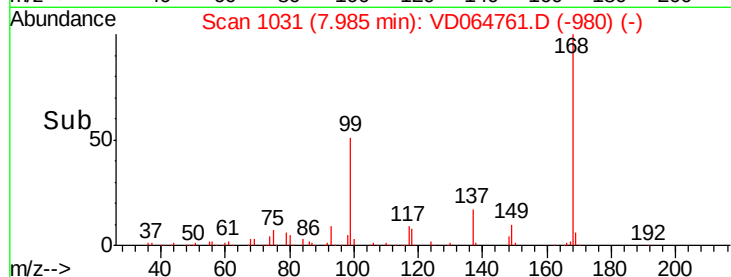
100000

50000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 14.643 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064761.D

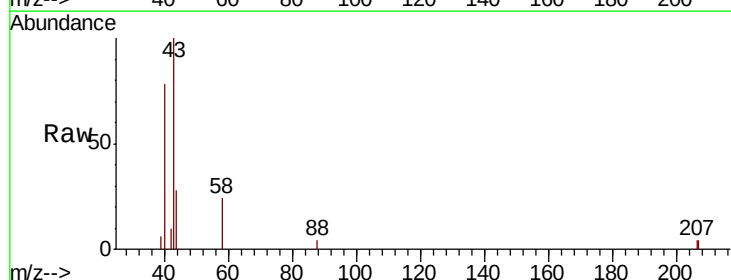
Acq: 04 Jan 2020 05:26

Tgt Ion: 43 Resp: 11423

Ion Ratio Lower Upper

43 100

58 23.7 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

5000

4000

3000

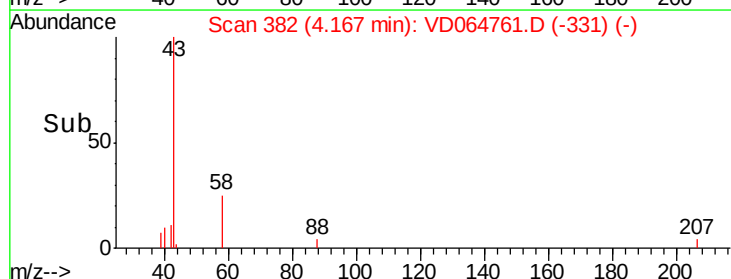
2000

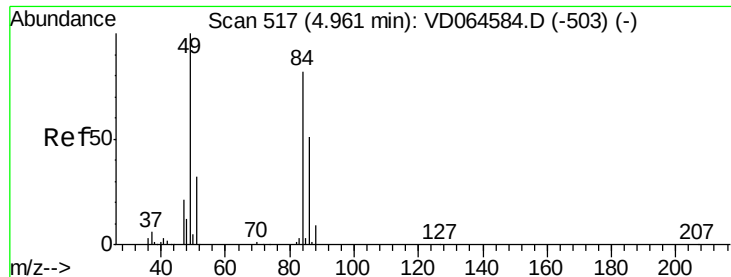
1000

0

4.10 4.20 4.30

Time-->





#20

Methylene Chloride

Concen: 1.646 ug/l

RT: 4.96 min Scan# 517

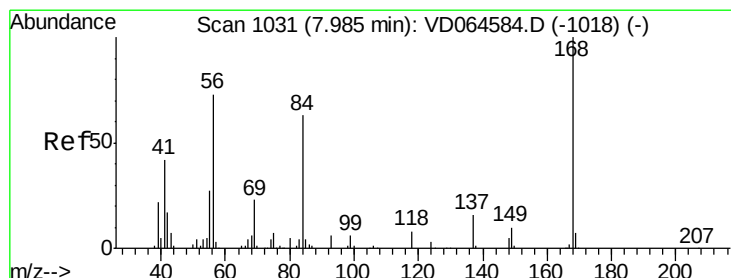
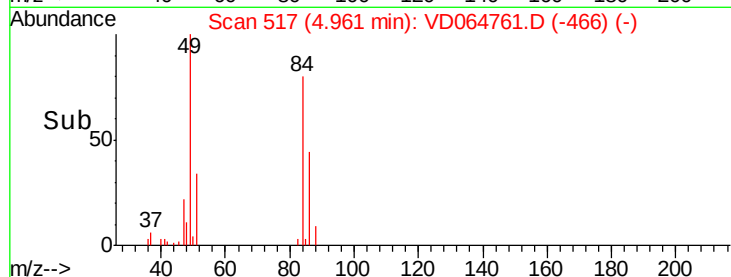
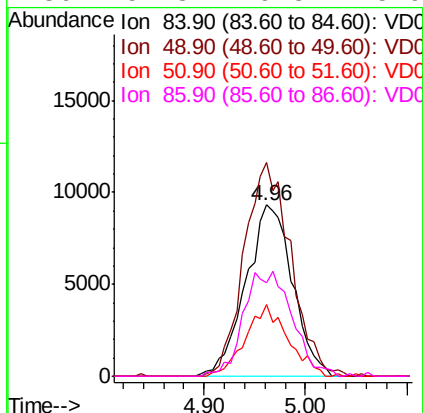
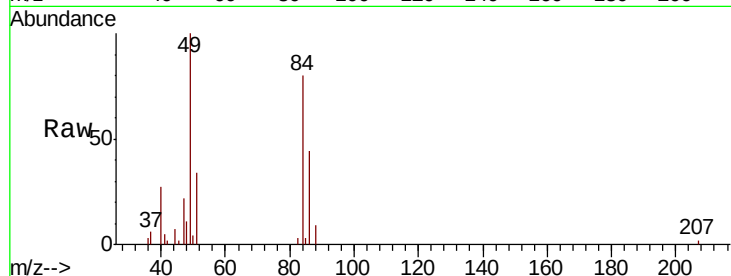
Delta R.T. 0.00 min

Lab File: VD064761.D

Acq: 04 Jan 2020 05:26

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:	84	Resp:	29825
Ion	Ratio	Lower	Upper
84	100		
49	124.9	97.2	145.8
51	42.2	31.4	47.0
86	54.8	49.3	73.9



#31

Cyclohexane

Concen: 1.366 ug/l

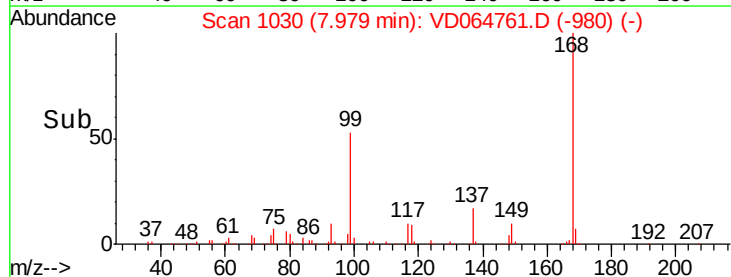
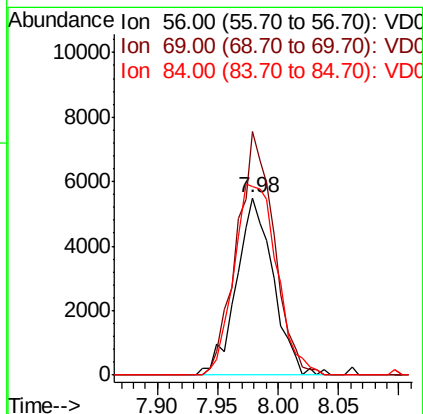
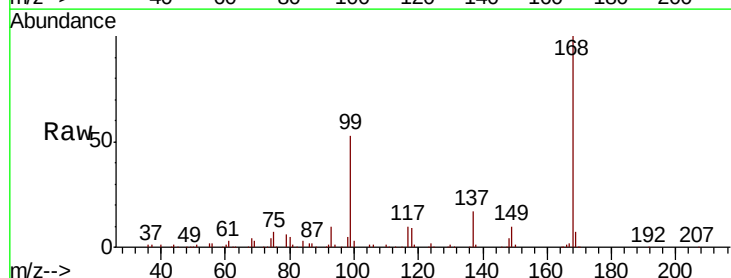
RT: 7.98 min Scan# 1030

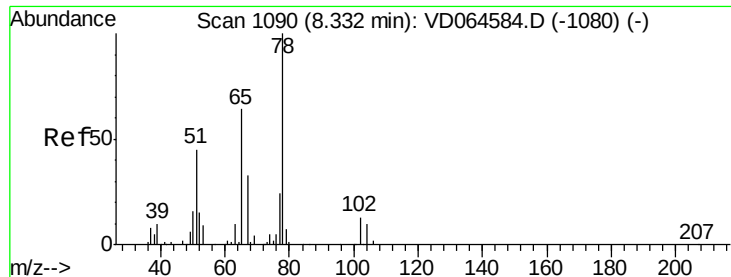
Delta R.T. -0.01 min

Lab File: VD064761.D

Acq: 04 Jan 2020 05:26

Tgt Ion:	56	Resp:	11659
Ion	Ratio	Lower	Upper
56	100		
69	137.4	24.7	37.1#
84	106.7	69.4	104.2#

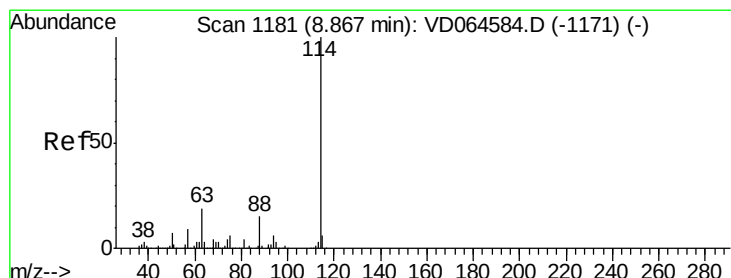
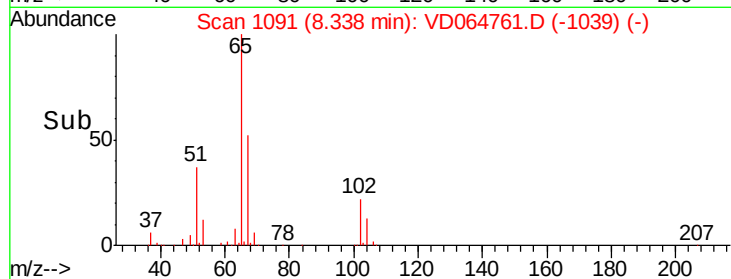
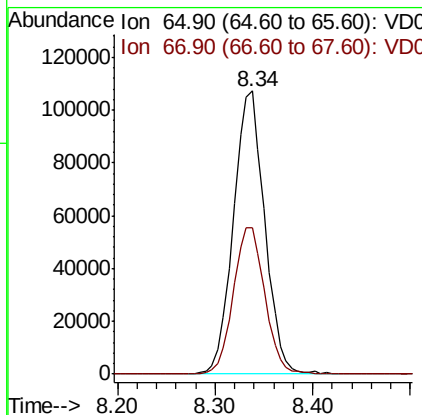
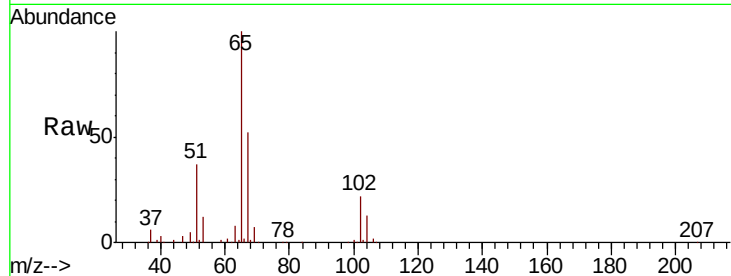




#33
 1,2-Dichloroethane-d4
 Concen: 52.030 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064761.D
 Acq: 04 Jan 2020 05:26

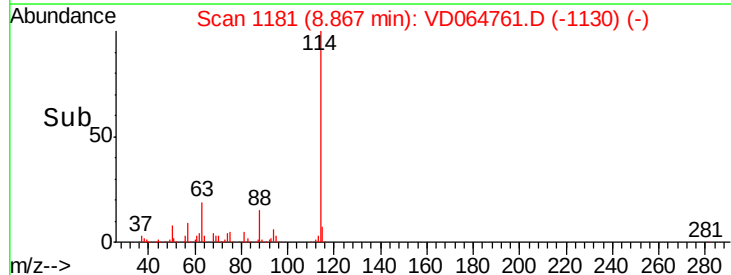
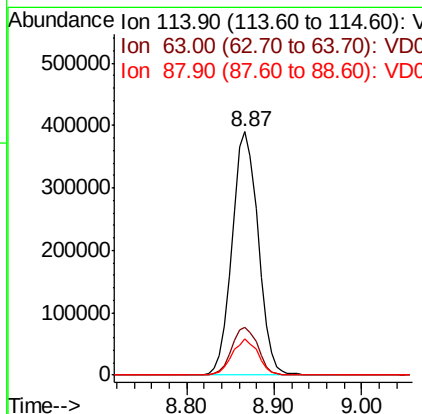
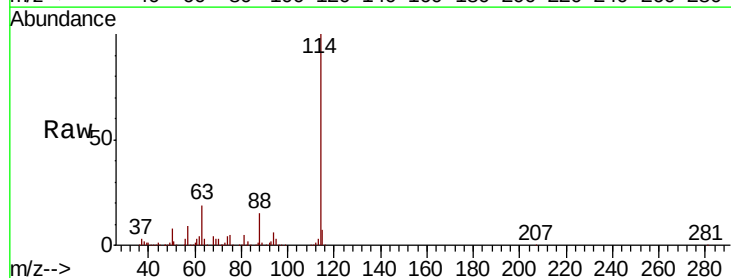
Instrument :
 MSVOA_D
 ClientSampleId :

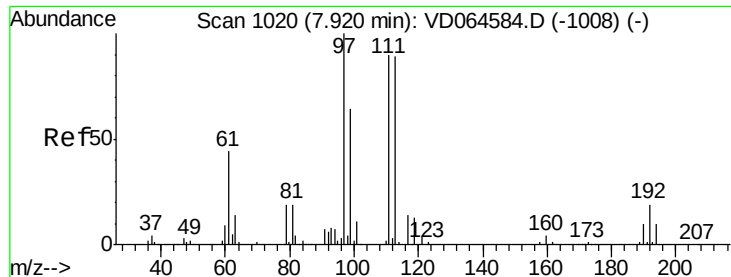
Tot Ion: 65 Resp: 238092
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064761.D
 Acq: 04 Jan 2020 05:26

Tgt Ion: 114 Resp: 786672
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.0
 88 15.1 0.0 29.2

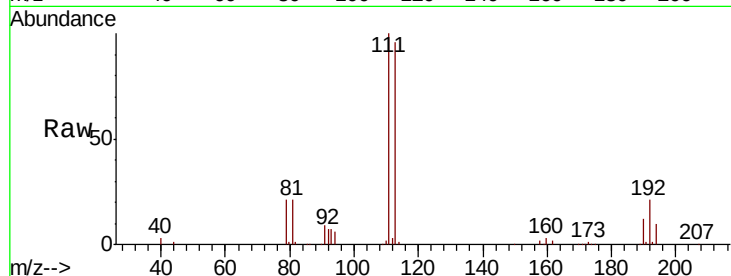




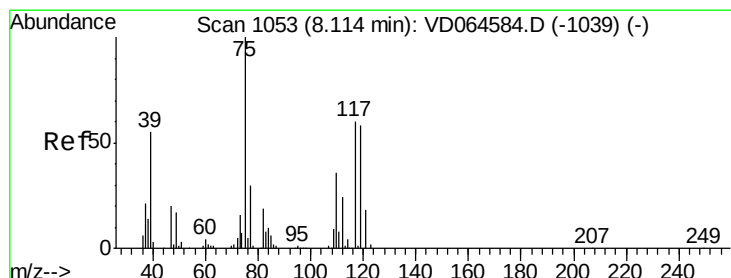
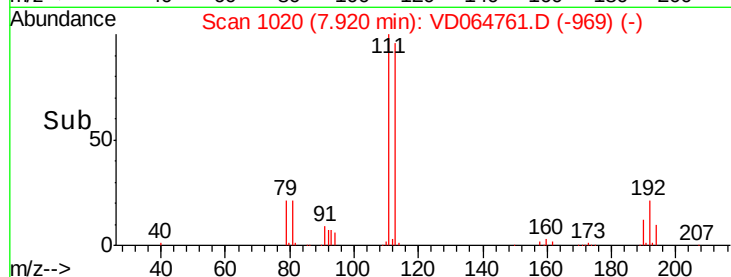
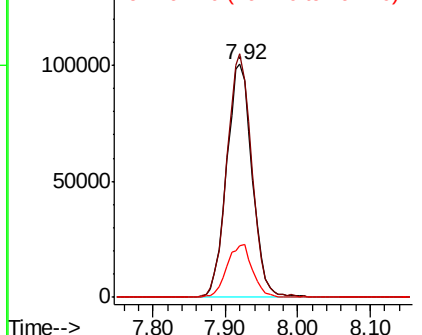
#35
 Dibromofluoromethane
 Concen: 50.779 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064761.D
 Acq: 04 Jan 2020 05:26

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.6	121.0
192	22.6	17.9	26.9

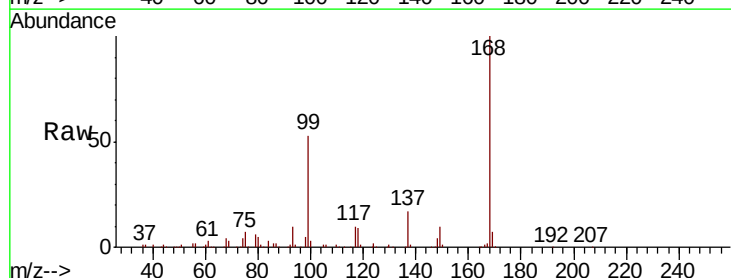


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

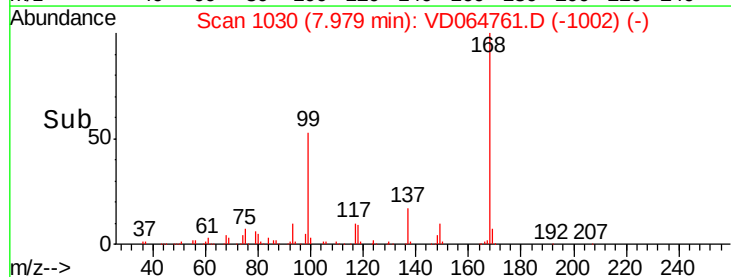
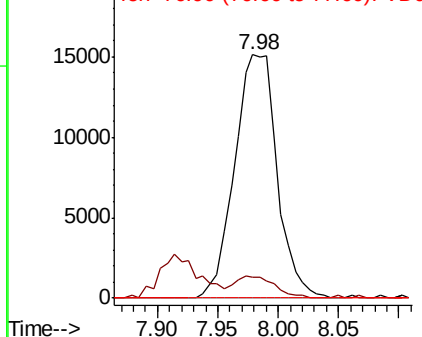


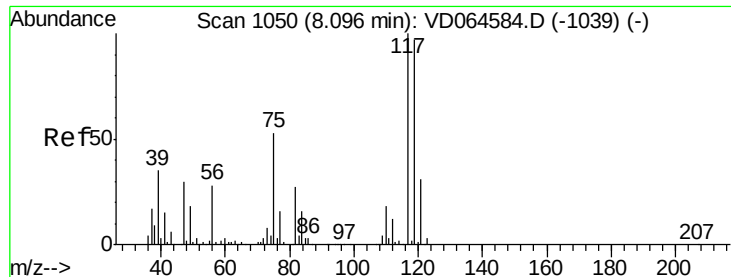
#36
 1,1-Dichloropropene
 Concen: 4.897 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD064761.D
 Acq: 04 Jan 2020 05:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	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

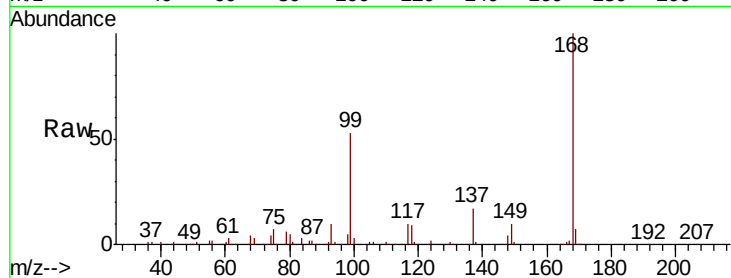




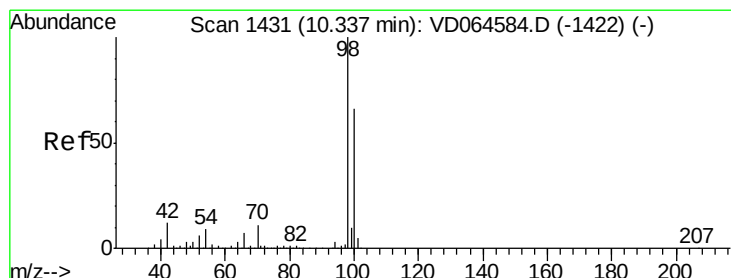
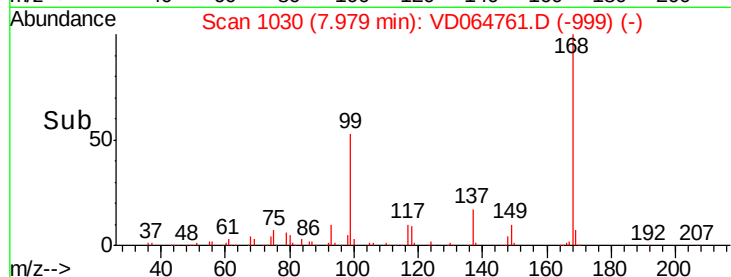
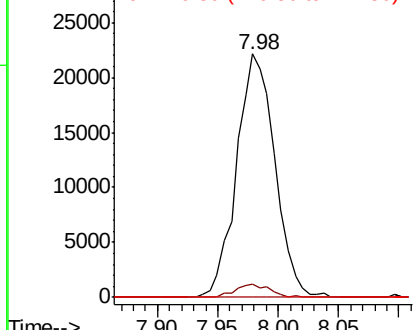
#38
Carbon Tetrachloride
Concen: 6.054 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD064761.D
Acq: 04 Jan 2020 05:26

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 48880
Ion Ratio Lower Upper
117 100
119 5.4 77.3 115.9#
121 0.0 25.0 37.6#

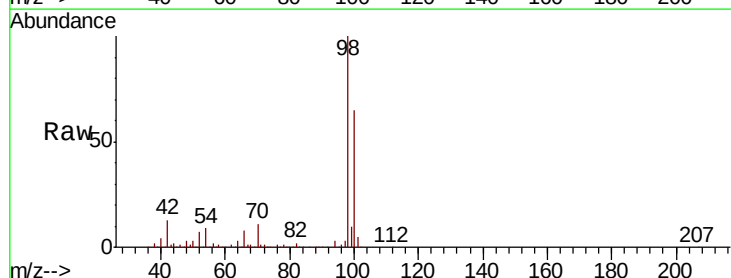


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

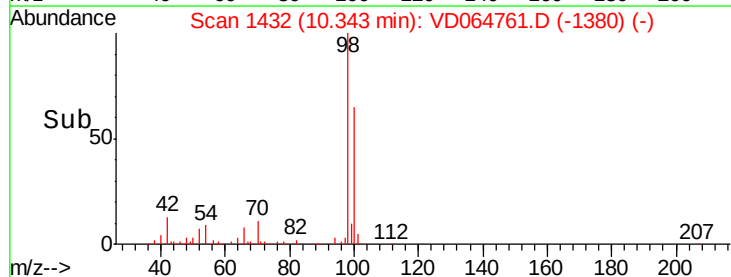
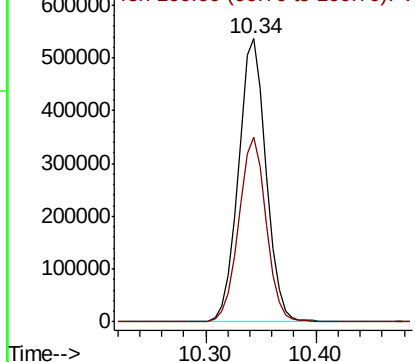


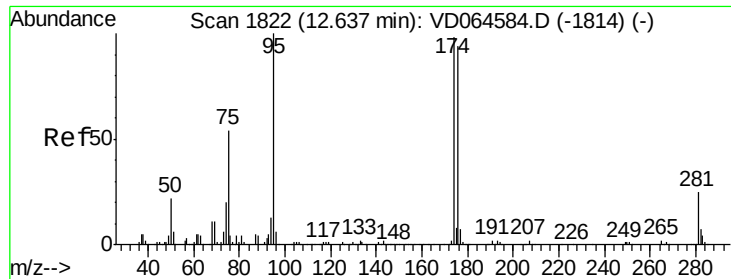
#50
Toluene-d8
Concen: 51.001 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064761.D
Acq: 04 Jan 2020 05:26

Tgt Ion: 98 Resp: 942731
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



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





#62

4-Bromofluorobenzene

Concen: 50.263 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064761.D

Acq: 04 Jan 2020 05:26

Instrument :

MSVOA_D

ClientSampleId :

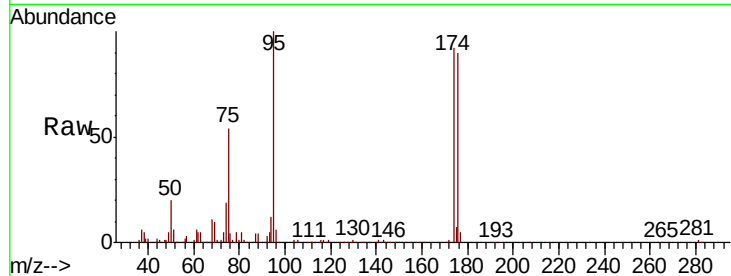
Tot Ion: 95 Resp: 293787

Ion Ratio Lower Upper

95 100

174 94.7 0.0 193.2

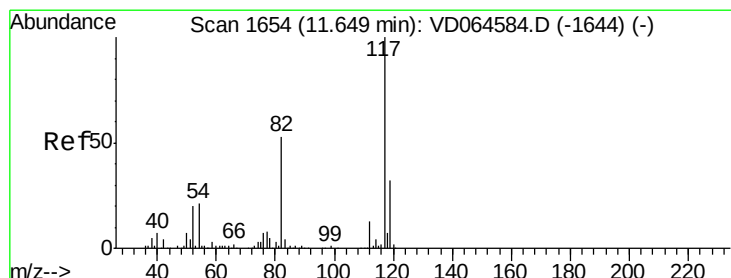
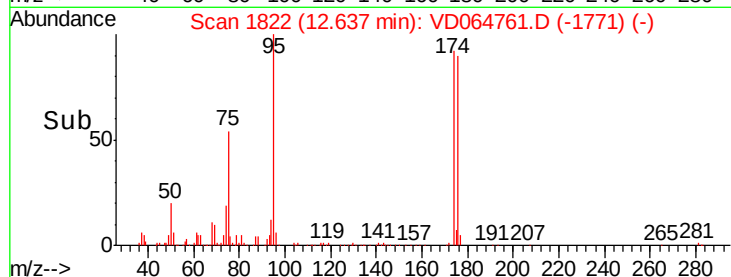
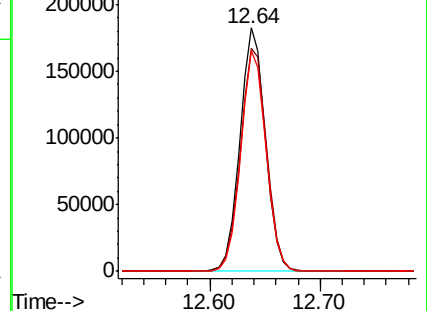
176 90.7 0.0 184.2



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: VD064761.D

Acq: 04 Jan 2020 05:26

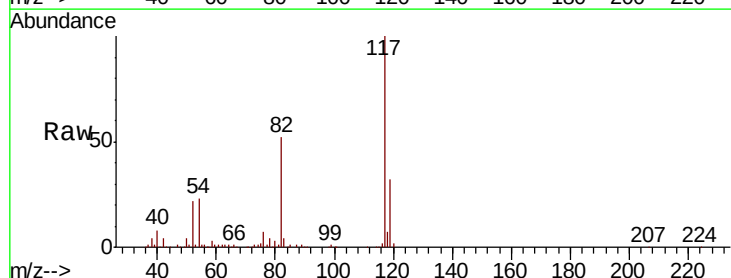
Tgt Ion: 117 Resp: 709603

Ion Ratio Lower Upper

117 100

82 52.4 42.2 63.4

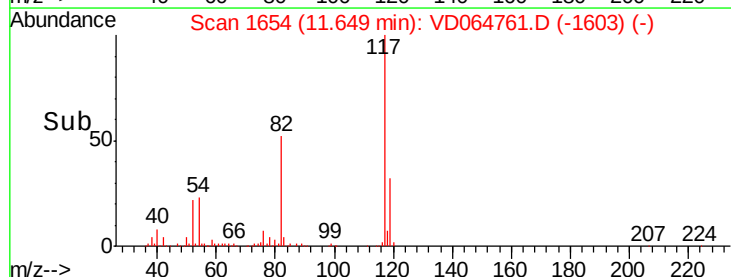
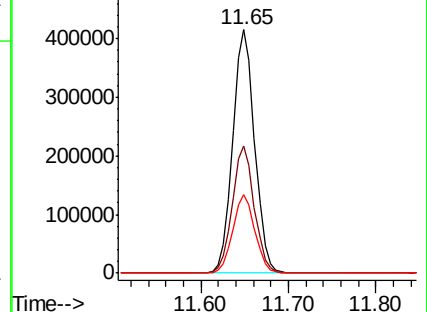
119 32.0 26.0 39.0

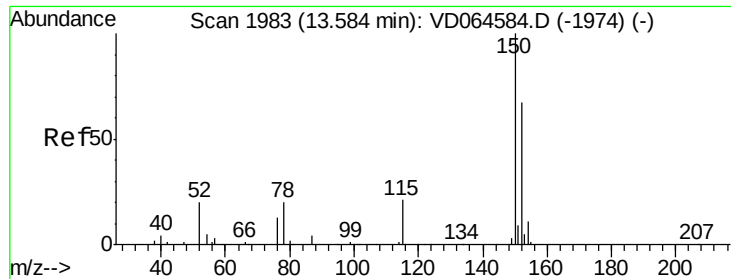


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD064761.D

Acq: 04 Jan 2020 05:26

Instrument :

MSVOA_D

ClientSampleId :

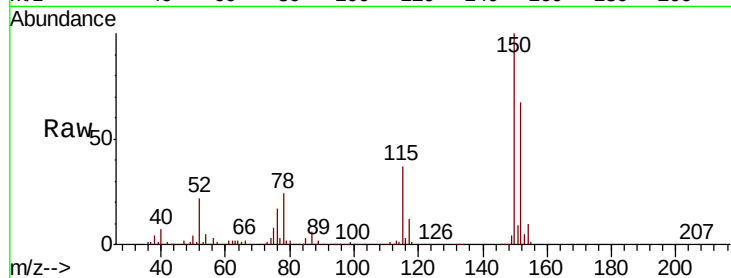
Tot Ion:152 Resp: 336860

Ion Ratio Lower Upper

152 100

115 55.1 27.8 83.4

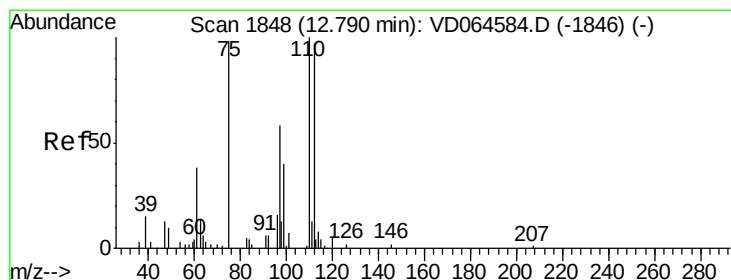
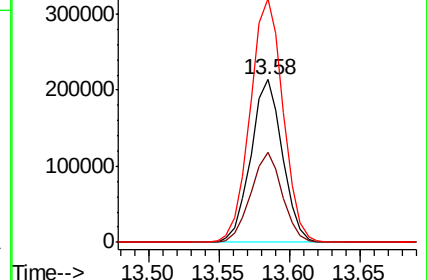
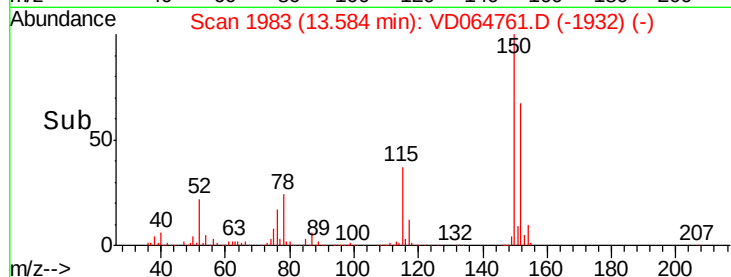
150 154.8 0.0 351.4



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: 59.568 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064761.D

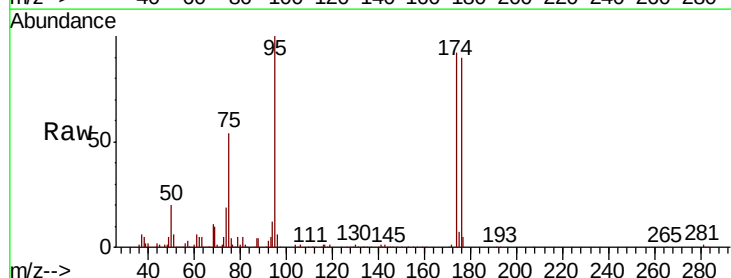
Acq: 04 Jan 2020 05:26

Tgt Ion: 75 Resp: 158453

Ion Ratio Lower Upper

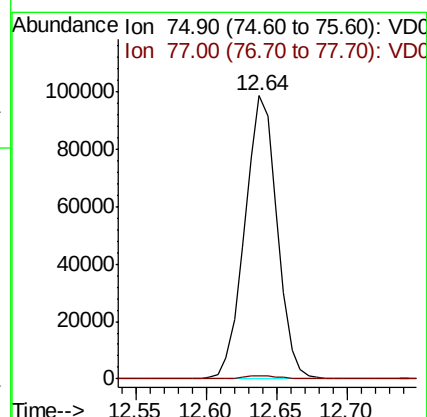
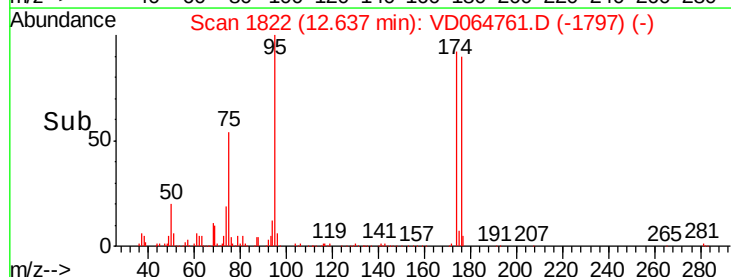
75 100

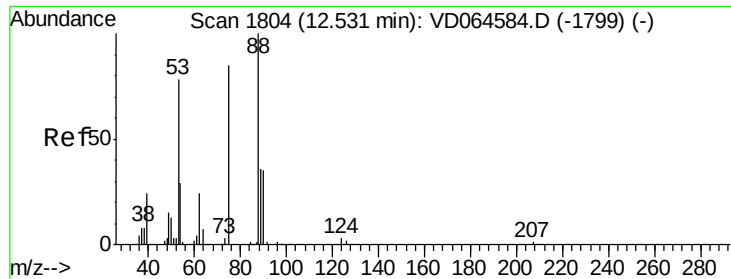
77 1.3 0.0 0.0#



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: 124.584 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064761.D

Acq: 04 Jan 2020 05:26

Instrument :

MSVOA_D

ClientSampleId :

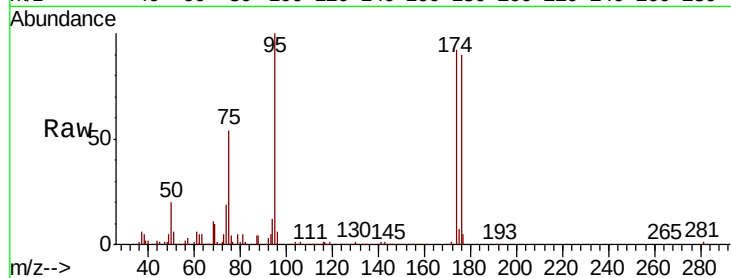
Tot Ion: 75 Resp: 158453

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.0 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

