

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010320\
 Data File : VD064742.D
 Acq On : 03 Jan 2020 18:58
 Operator : VA/SY
 Sample : K6471-07
 Misc : 6.52G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 06 06:48:26 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

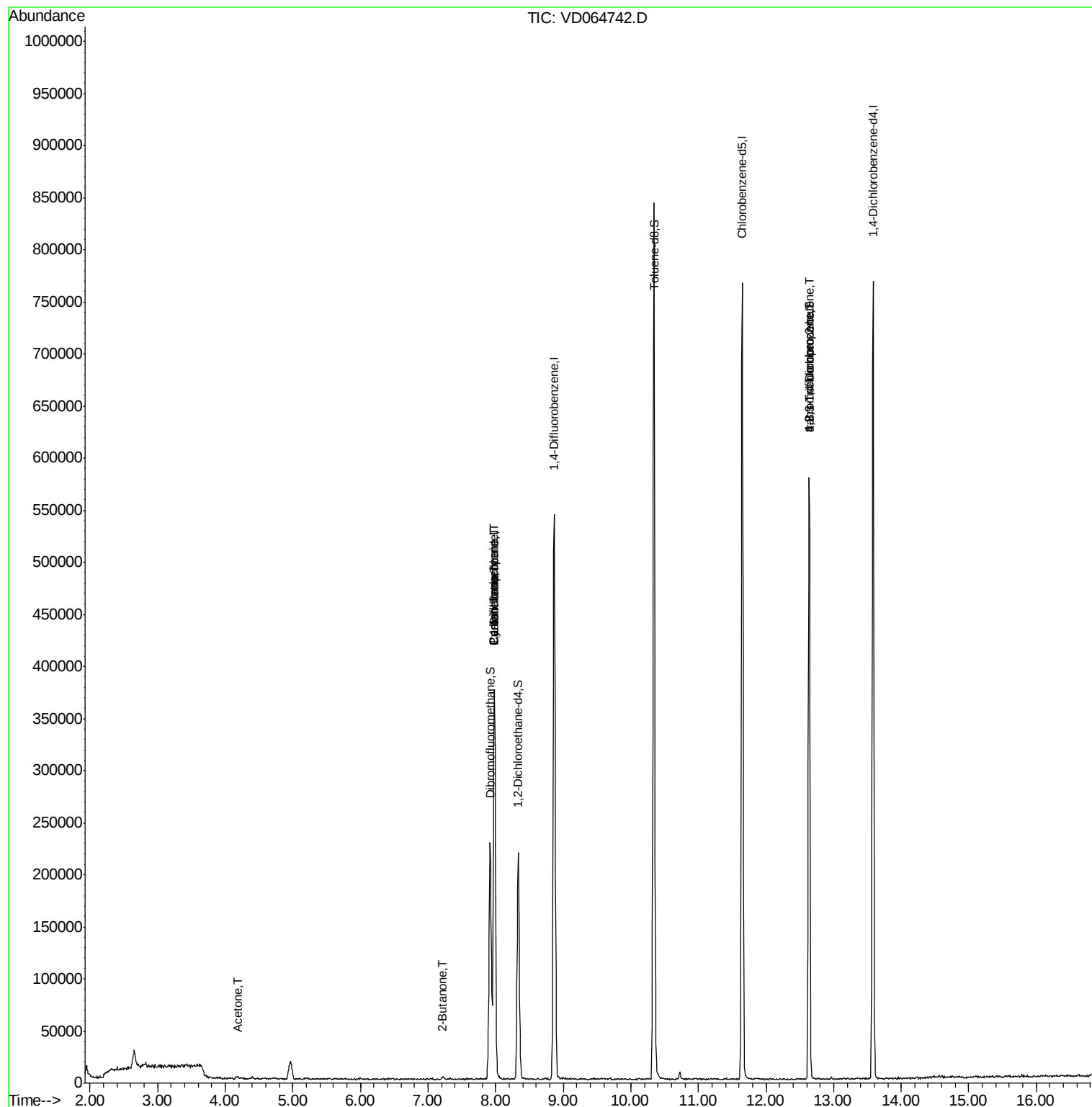
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	289115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	463085	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	425606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	199319	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	172245	67.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	135.12%	
35) Dibromofluoromethane	7.92	113	157885	55.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.14%	
50) Toluene-d8	10.34	98	556278	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
62) 4-Bromofluorobenzene	12.64	95	173347	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
Target Compounds						
16) Acetone	4.19	43	3793	10.411	ug/l	99
25) 2-Butanone	7.22	43	818	1.167	ug/l #	49
31) Cyclohexane	7.98	56	6259	1.317	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	21163	4.748	ug/l #	43
38) Carbon Tetrachloride	7.99	117	27446	5.775	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	93641	59.494	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	93641	124.431	ug/l #	10

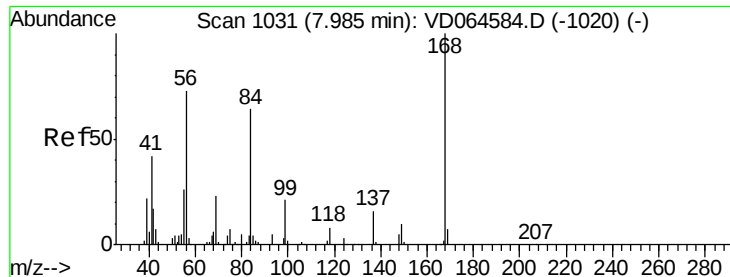
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1030

Delta R.T. -0.01 min

Lab File: VD064742.D

Acq: 03 Jan 2020 18:58

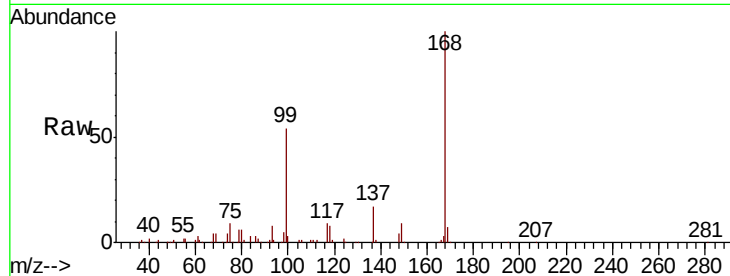
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 289115

Ion Ratio Lower Upper

168 100

99 53.9 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

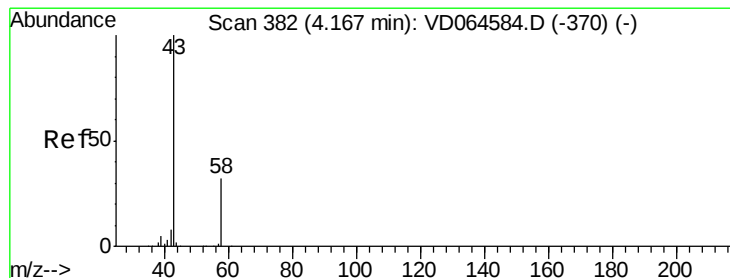
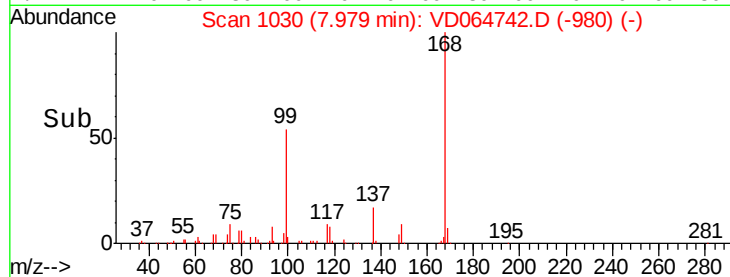
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 10.411 ug/l

RT: 4.19 min Scan# 385

Delta R.T. 0.02 min

Lab File: VD064742.D

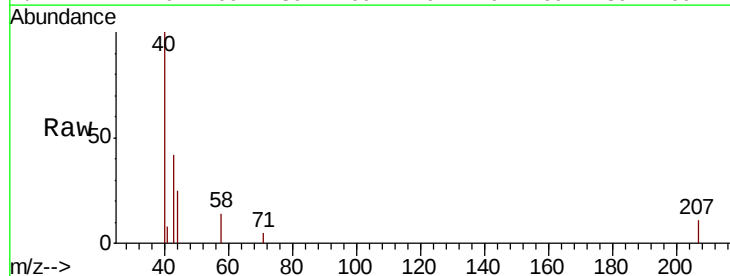
Acq: 03 Jan 2020 18:58

Tgt Ion: 43 Resp: 3793

Ion Ratio Lower Upper

43 100

58 32.5 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.19

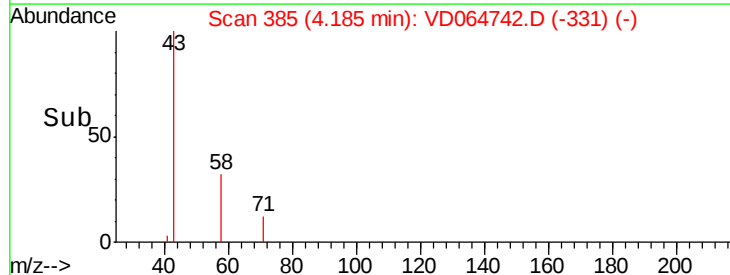
1500

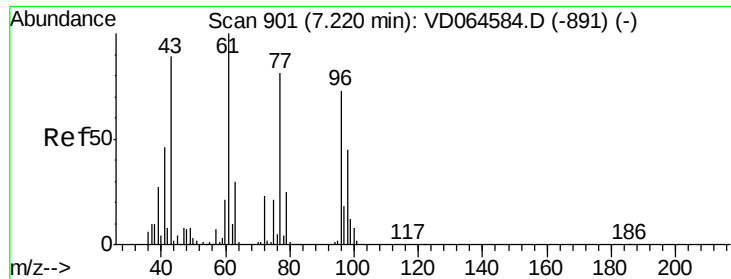
1000

500

0

Time-->

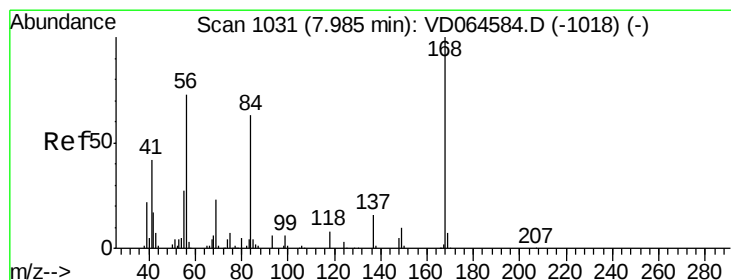
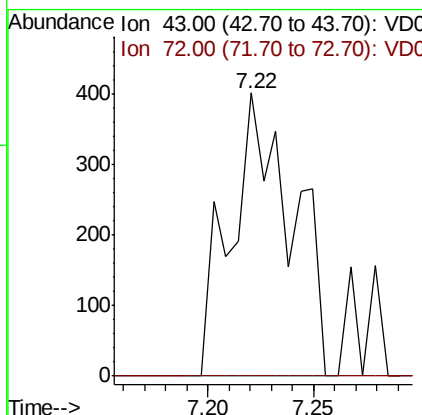
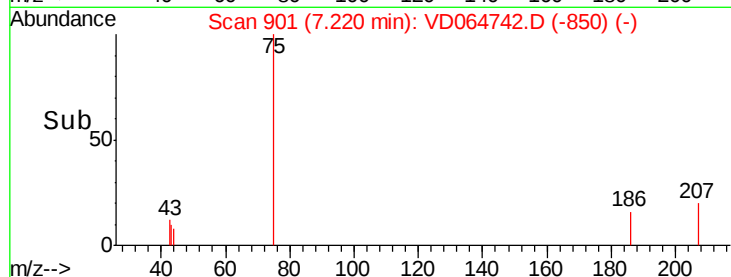
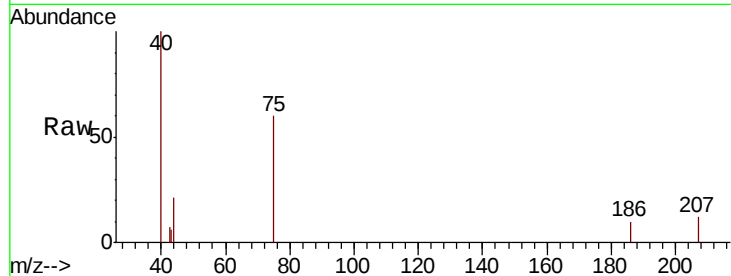




#25
2-Butanone
Concen: 1.167 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.00 min
Lab File: VD064742.D
Acq: 03 Jan 2020 18:58

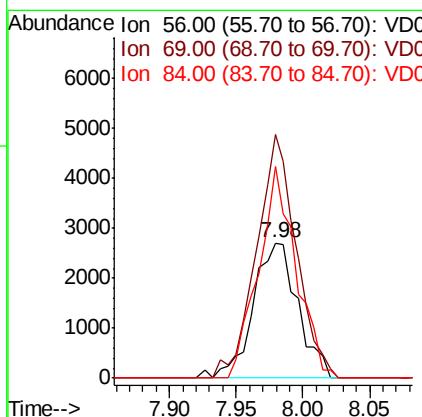
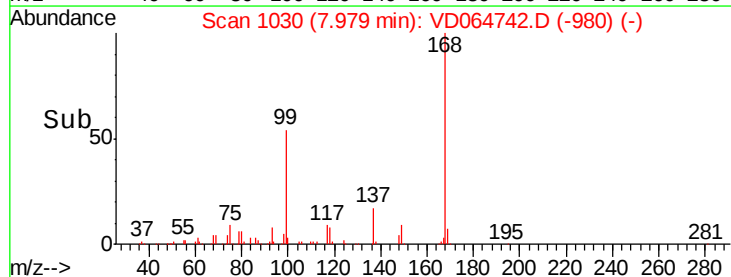
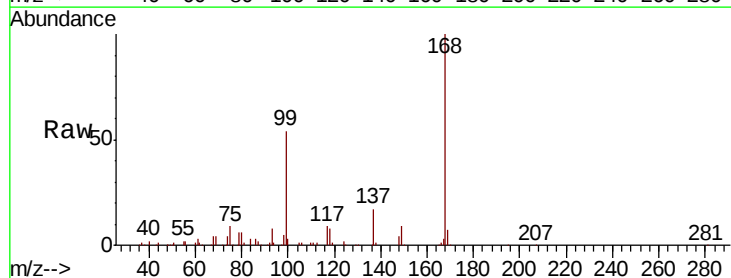
Instrument :
MSVOA_D
ClientSampleId :

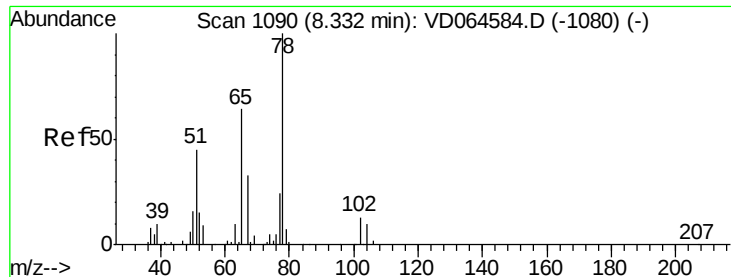
Tot Ion: 43 Resp: 818
Ion Ratio Lower Upper
43 100
72 0.0 20.7 31.1#



#31
Cyclohexane
Concen: 1.317 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064742.D
Acq: 03 Jan 2020 18:58

Tgt Ion: 56 Resp: 6259
Ion Ratio Lower Upper
56 100
69 179.9 24.7 37.1#
84 156.2 69.4 104.2#

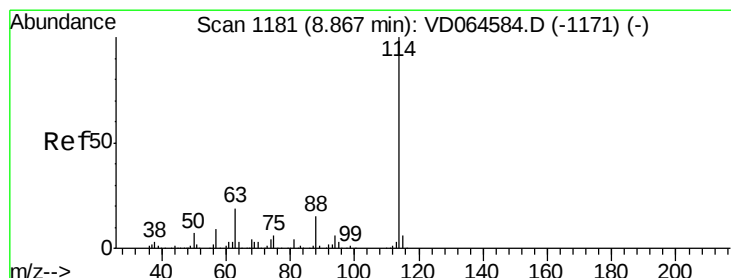
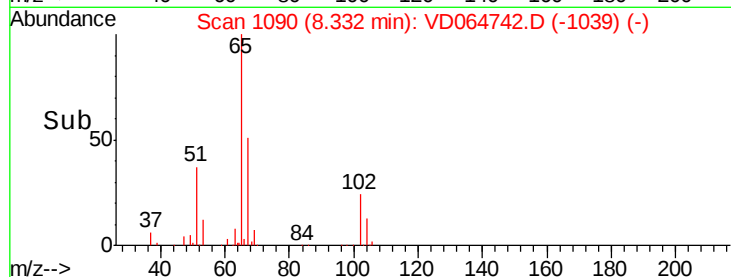
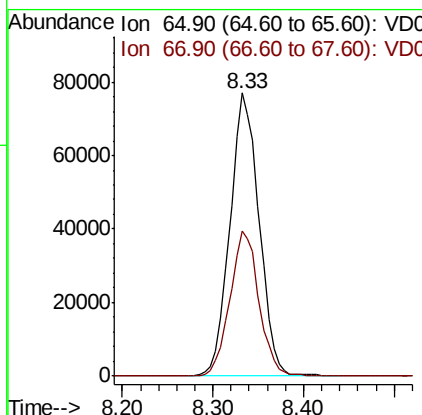
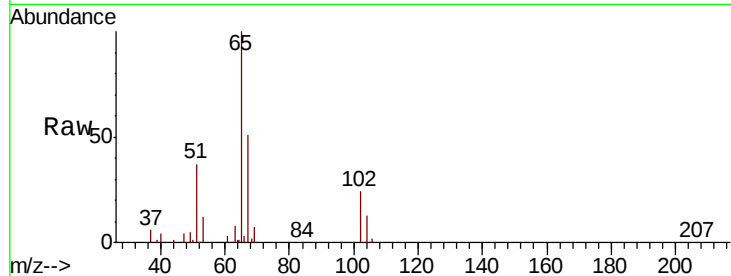




#33
 1,2-Dichloroethane-d4
 Concen: 67.563 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064742.D
 Acq: 03 Jan 2020 18:58

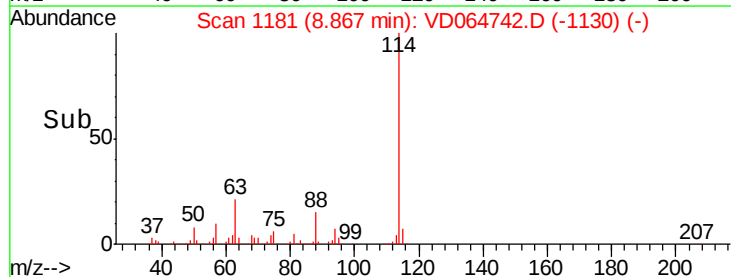
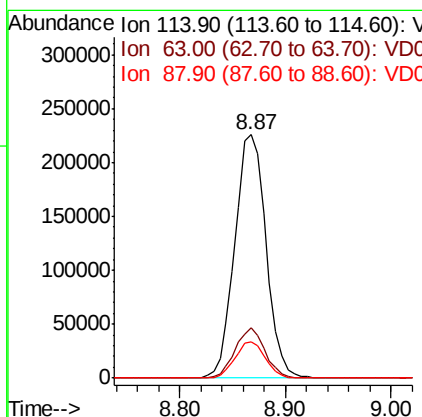
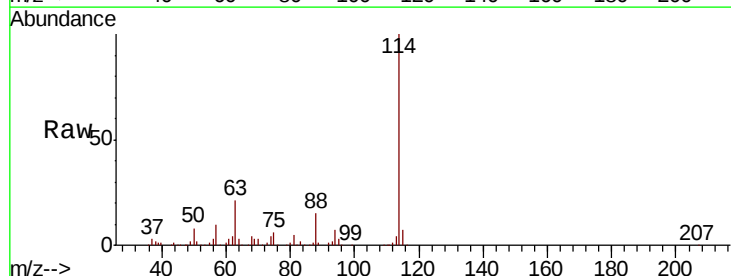
Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 65 Resp: 172245
 Ion Ratio Lower Upper
 65 100
 67 51.0 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: VD064742.D
 Acq: 03 Jan 2020 18:58

Tgt Ion: 114 Resp: 463085
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 38.0
 88 14.9 0.0 29.2

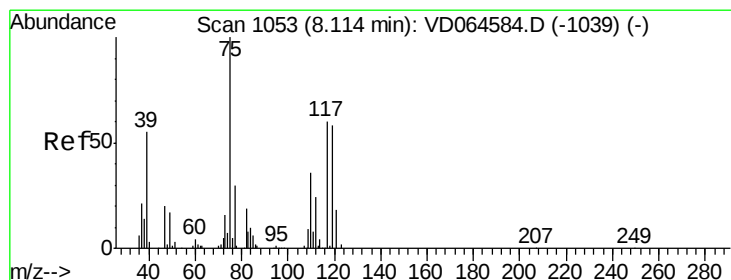
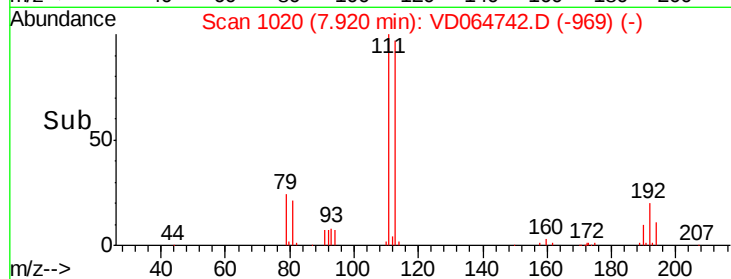
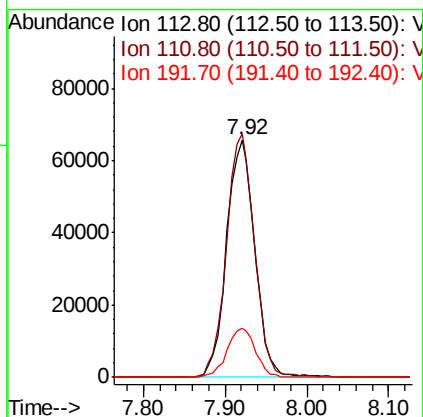
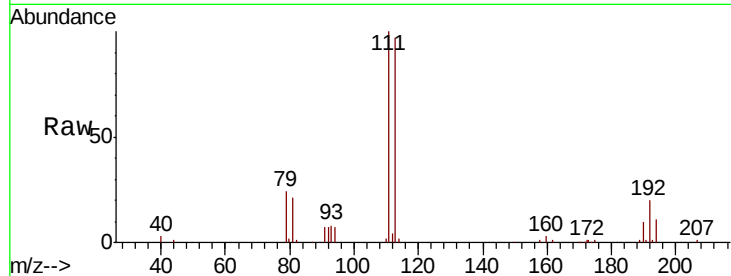




#35
 Dibromofluoromethane
 Concen: 55.572 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064742.D
 Acq: 03 Jan 2020 18:58

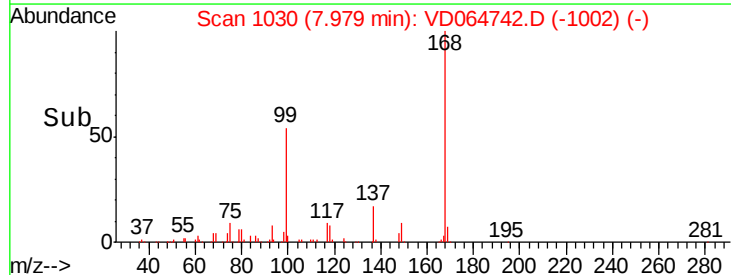
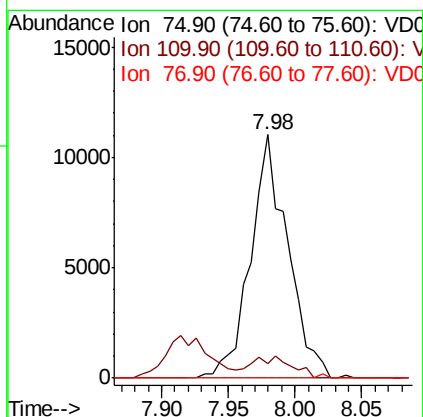
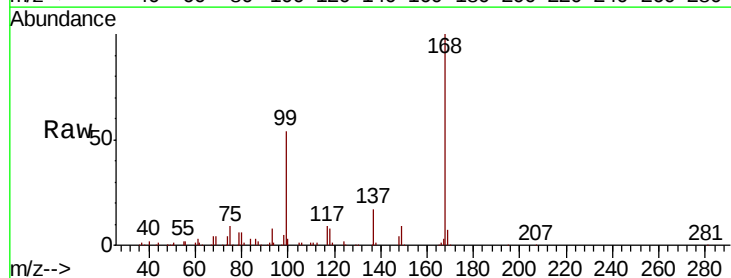
Instrument :
 MSVOA_D
 ClientSampleId :

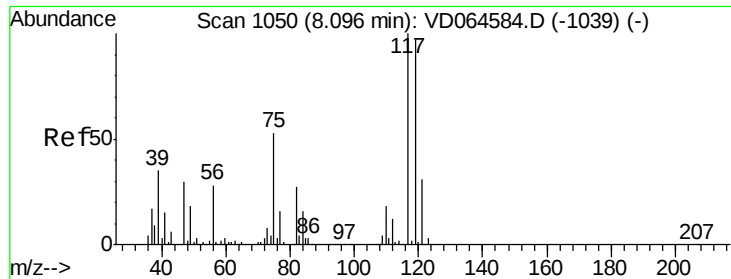
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	80.6	121.0
192	20.7	17.9	26.9



#36
 1,1-Dichloropropene
 Concen: 4.748 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD064742.D
 Acq: 03 Jan 2020 18:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	2.1	18.1	54.1#
77	0.0	24.2	36.4#





#38

Carbon Tetrachloride

Concen: 5.775 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064742.D

Acq: 03 Jan 2020 18:58

Instrument :

MSVOA_D

ClientSampleId :

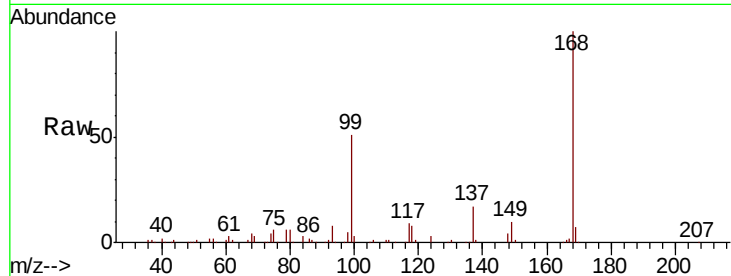
Tot Ion:117 Resp: 27446

Ion Ratio Lower Upper

117 100

119 5.9 77.3 115.9#

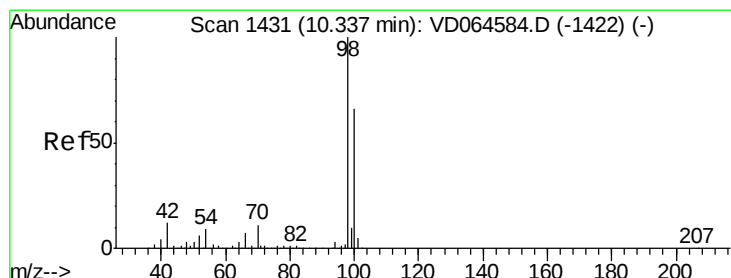
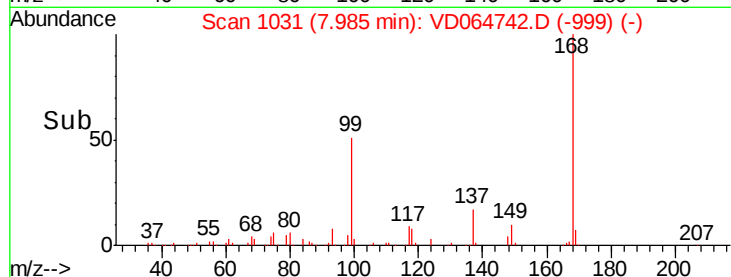
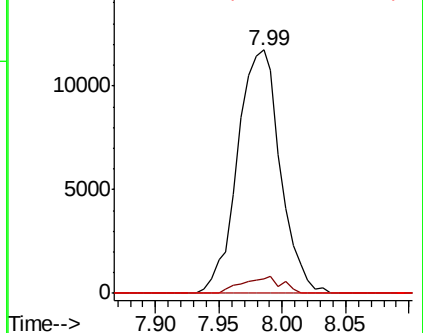
121 0.0 25.0 37.6#



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: 51.123 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064742.D

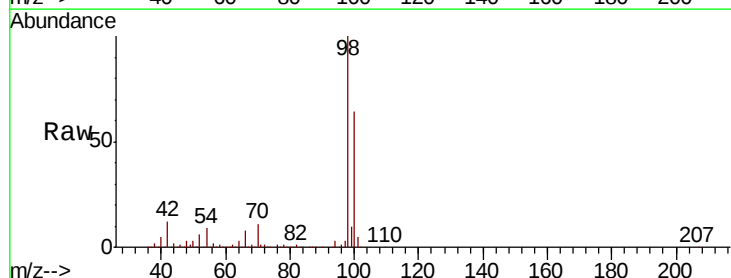
Acq: 03 Jan 2020 18:58

Tgt Ion: 98 Resp: 556278

Ion Ratio Lower Upper

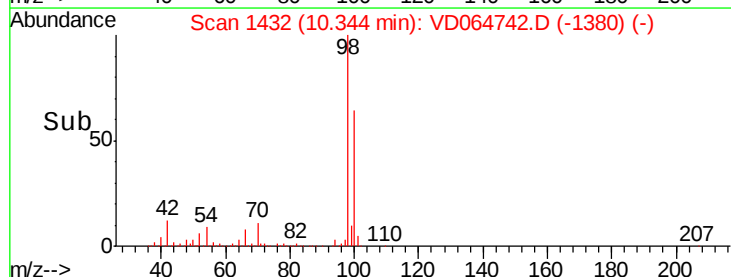
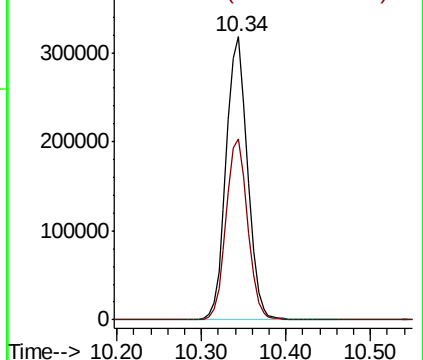
98 100

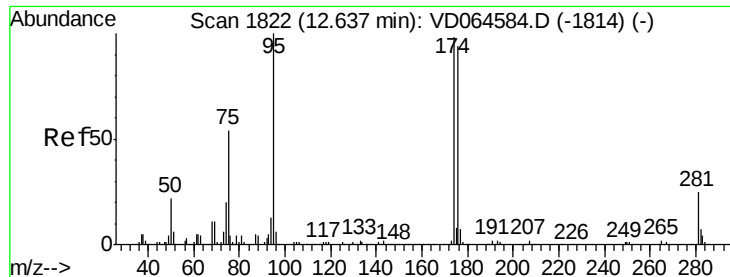
100 64.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

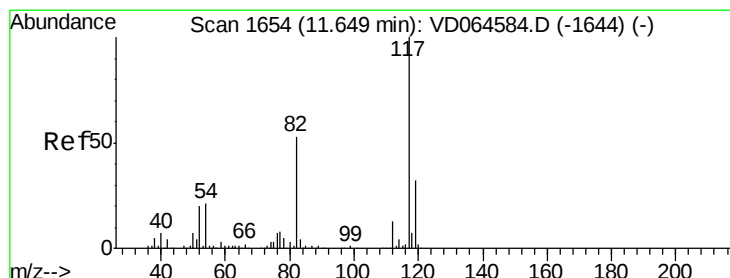
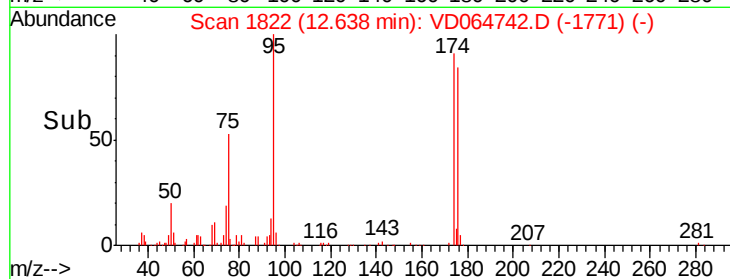
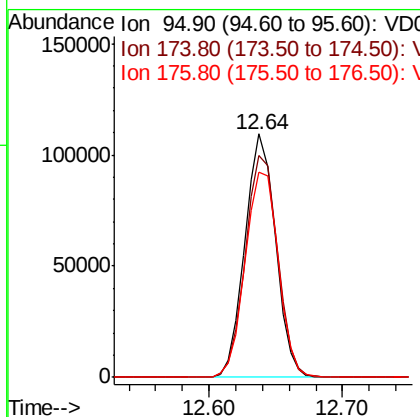
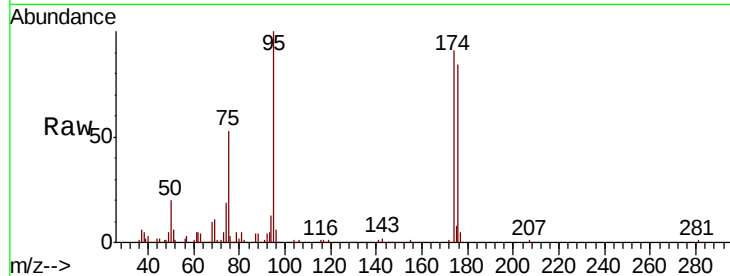




#62
4-Bromofluorobenzene
Concen: 50.381 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064742.D
Acq: 03 Jan 2020 18:58

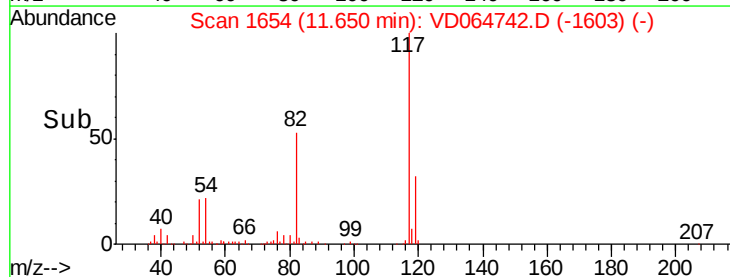
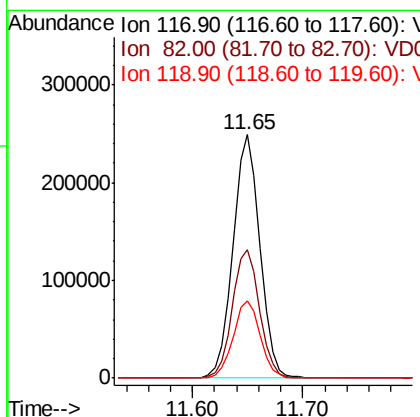
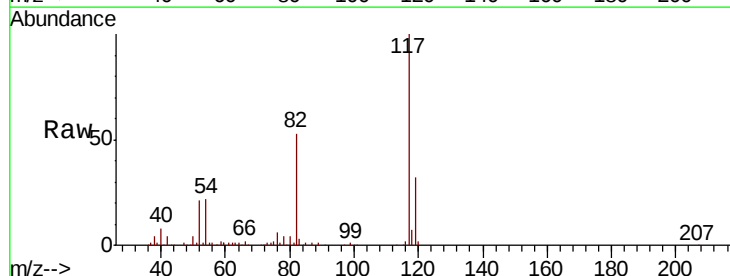
Instrument :
MSVOA_D
ClientSampled :

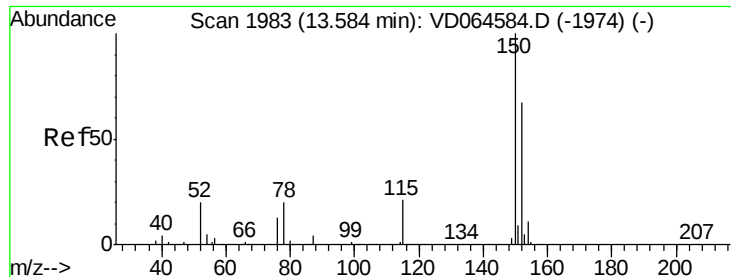
Tot Ion	Ratio	Lower	Upper
95	100		
174	96.0	0.0	193.2
176	91.2	0.0	184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064742.D
Acq: 03 Jan 2020 18:58

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.2	63.4
119	31.9	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: VD064742.D

Acq: 03 Jan 2020 18:58

Instrument :

MSVOA_D

ClientSampled :

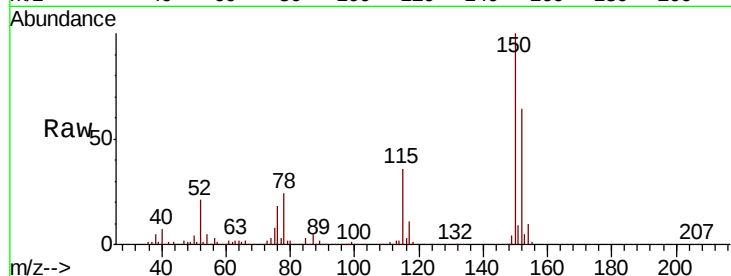
Tot Ion:152 Resp: 199319

Ion Ratio Lower Upper

152 100

115 54.6 27.8 83.4

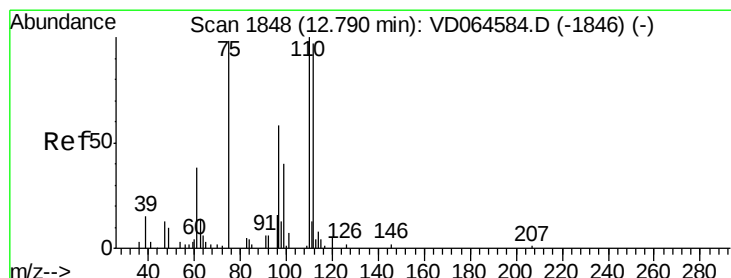
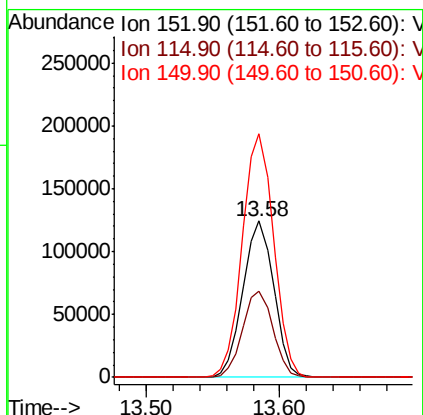
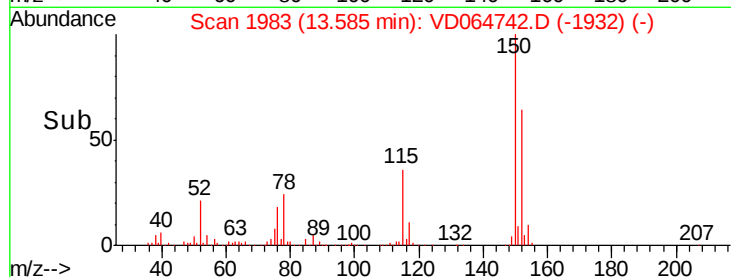
150 157.5 0.0 351.4



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: 59.494 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064742.D

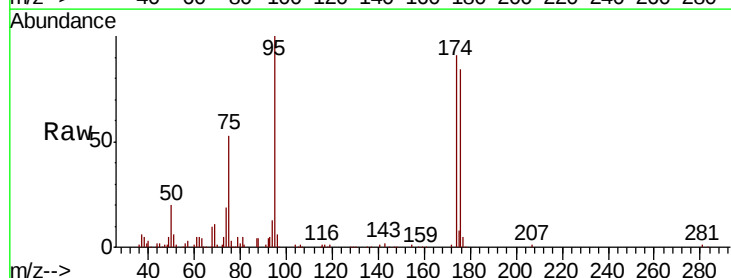
Acq: 03 Jan 2020 18:58

Tgt Ion: 75 Resp: 93641

Ion Ratio Lower Upper

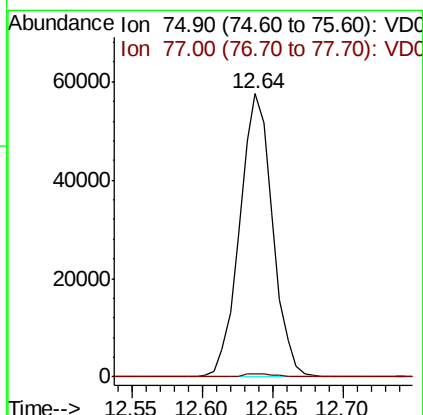
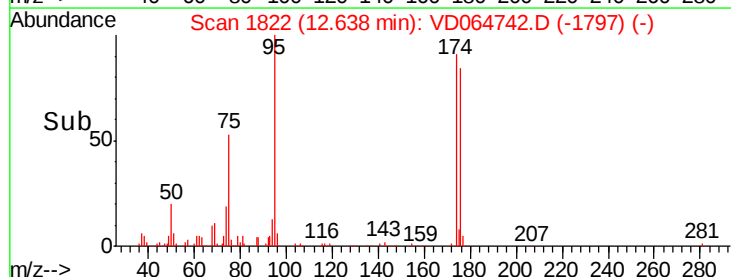
75 100

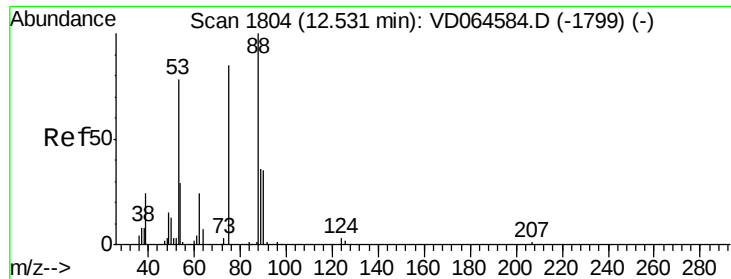
77 1.1 0.0 0.0#



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: 124.431 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064742.D

Acq: 03 Jan 2020 18:58

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 93641

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.0 38.3 57.5#

