

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012220\
 Data File : VD064919.D
 Acq On : 22 Jan 2020 16:09
 Operator : VA/SY
 Sample : L1214-01
 Misc : 4.62G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 22 23:18:08 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

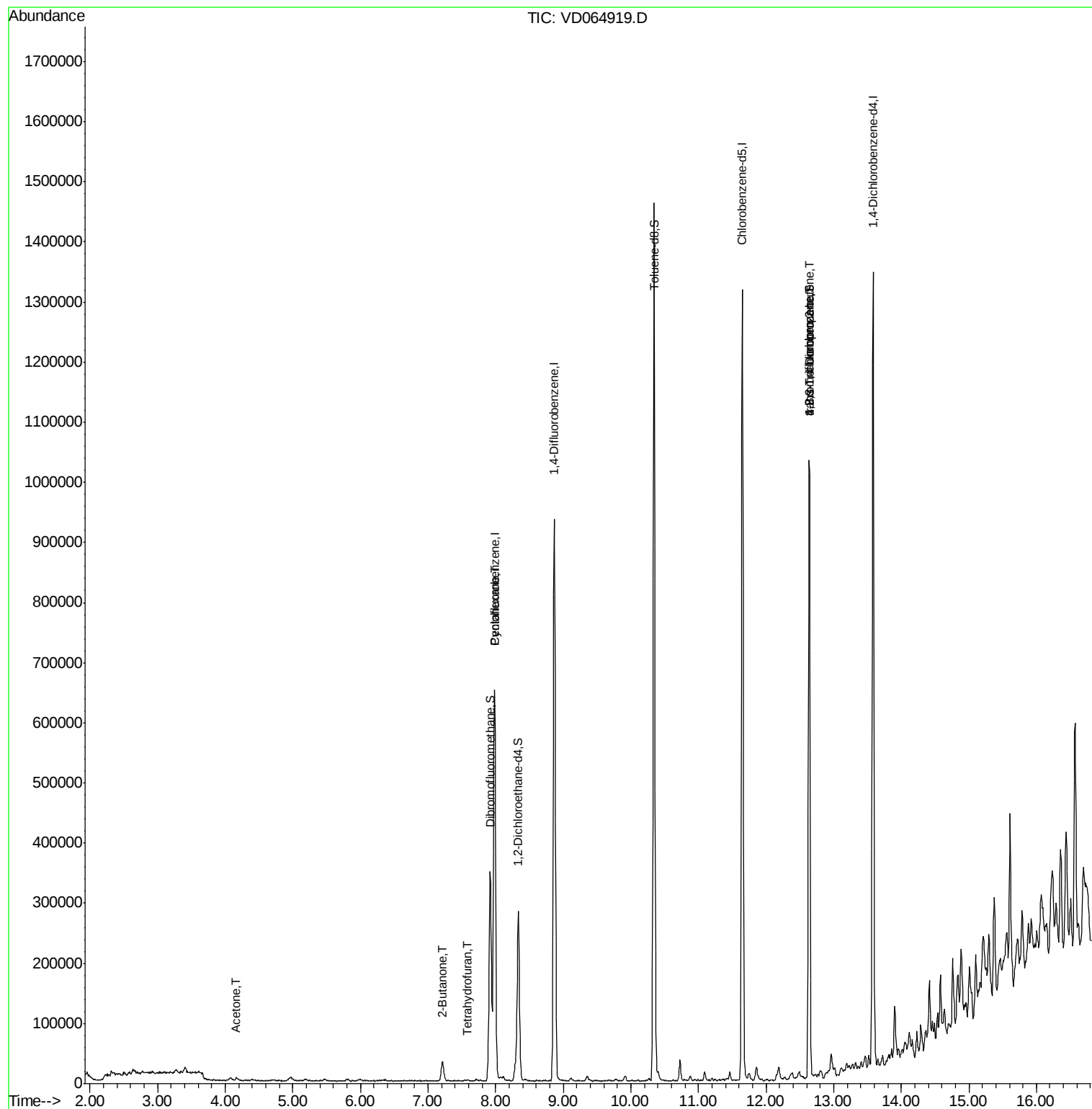
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	510095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	799473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	722776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	353451	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	226648	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
35) Dibromofluoromethane	7.92	113	242075	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
50) Toluene-d8	10.34	98	961214	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.64	95	305725	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
Target Compounds						
16) Acetone	4.17	43	4583	8.448	ug/l	99
20) Methylene Chloride	4.96	84	4039	Below Cal	#	81
25) 2-Butanone	7.21	43	1889	1.528	ug/l #	49
29) Tetrahydrofuran	7.58	42	966	1.256	ug/l #	59
31) Cyclohexane	7.98	56	14150	1.687	ug/l #	36
76) 1,2,3-Trichloropropane	12.64	75	169807	60.839	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	169807	127.244	ug/l #	10

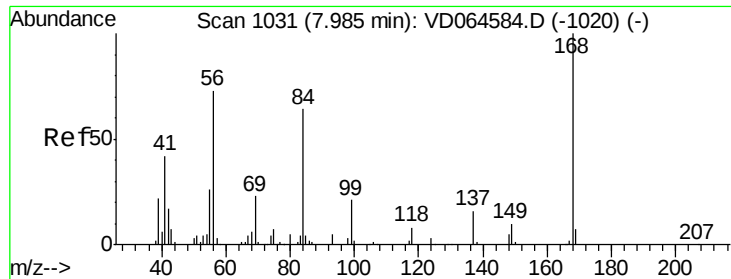
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064919.D

Acq: 22 Jan 2020 16:09

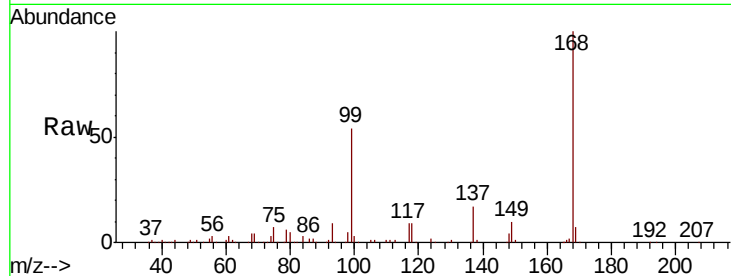
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 510095

Ion Ratio Lower Upper

168 100

99 54.1 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

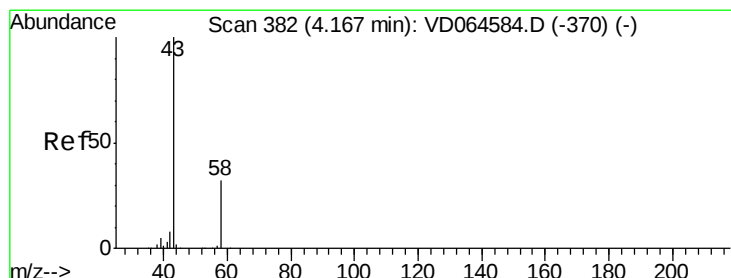
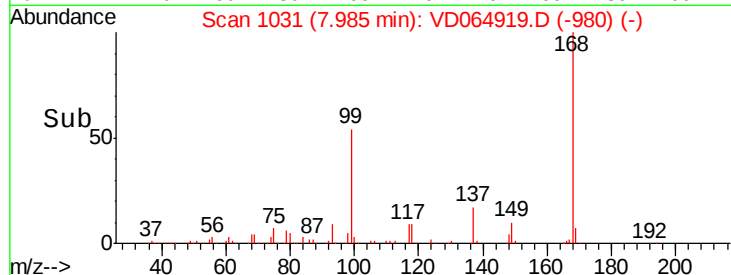
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.448 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064919.D

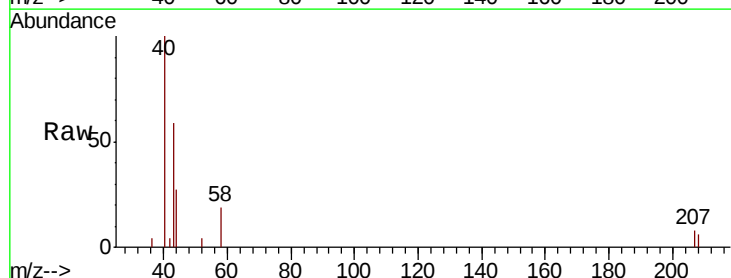
Acq: 22 Jan 2020 16:09

Tgt Ion: 43 Resp: 4583

Ion Ratio Lower Upper

43 100

58 32.6 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

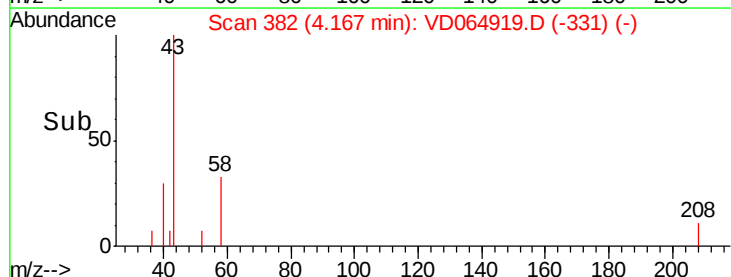
1500

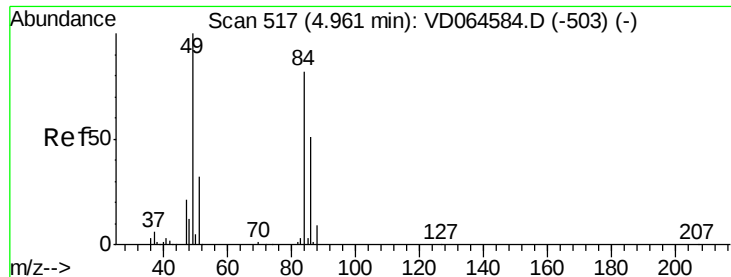
1000

500

0

Time-->

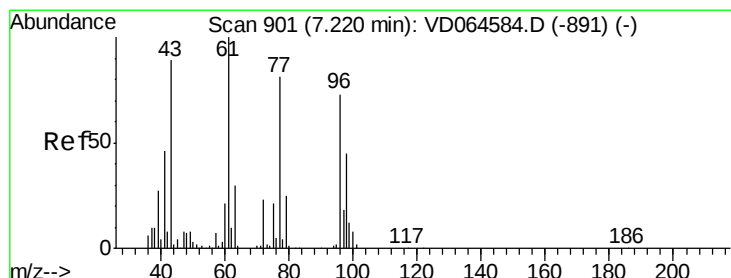
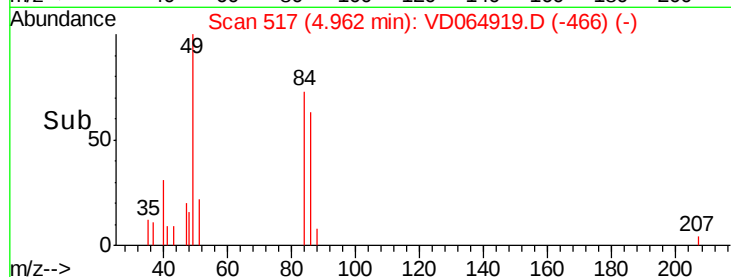
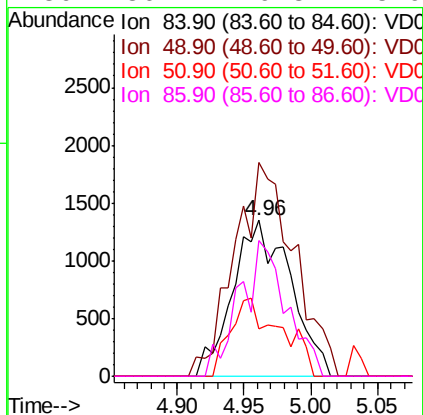
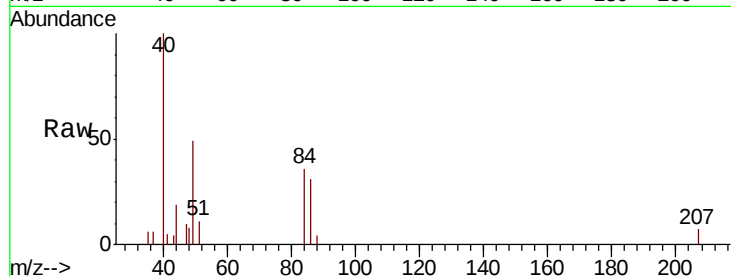




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064919.D
Acq: 22 Jan 2020 16:09

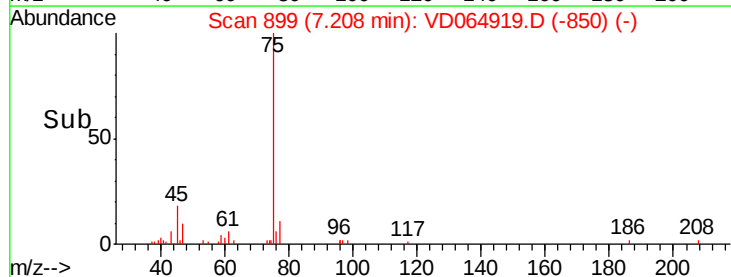
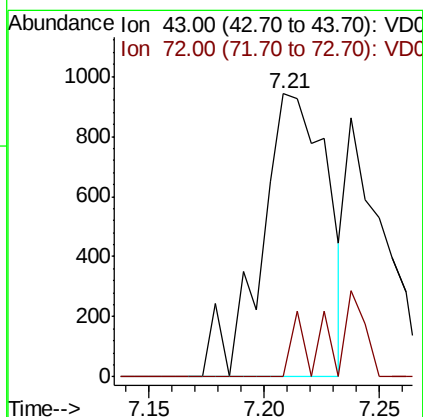
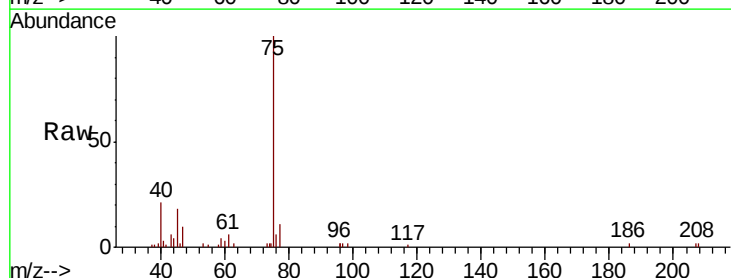
Instrument :
MSVOA_D
ClientSampleId :

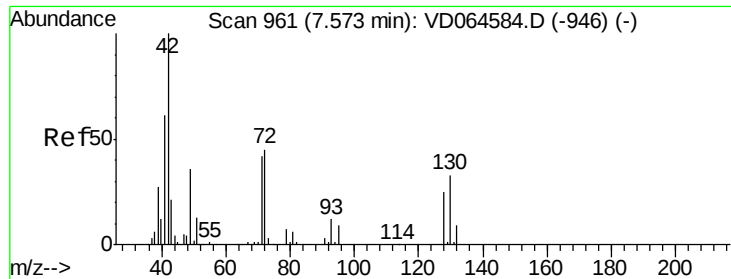
Tot Ion: 84 Resp: 4039
Ion Ratio Lower Upper
84 100
49 137.0 97.2 145.8
51 30.4 31.4 47.0#
86 86.7 49.3 73.9#



#25
2-Butanone
Concen: 1.528 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD064919.D
Acq: 22 Jan 2020 16:09

Tgt Ion: 43 Resp: 1889
Ion Ratio Lower Upper
43 100
72 0.0 20.7 31.1#

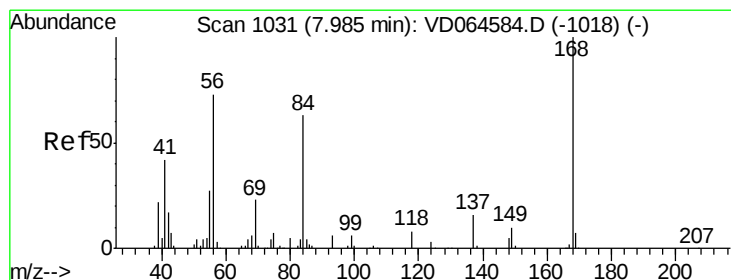
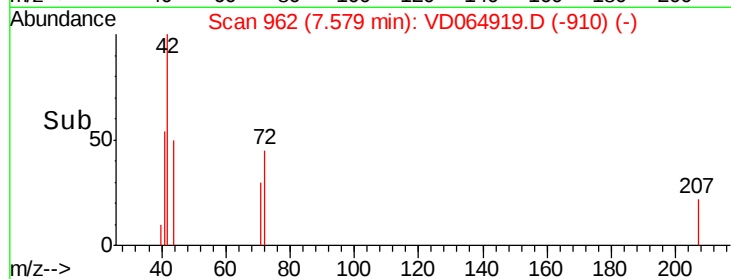
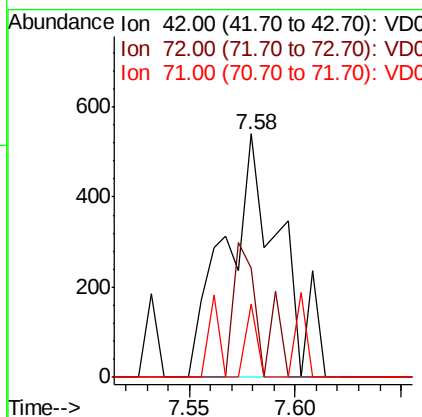
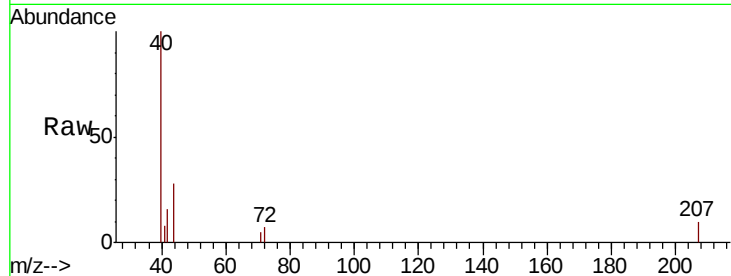




#29
Tetrahydrofuran
Concen: 1.256 ug/l
RT: 7.58 min Scan# 962
Delta R.T. 0.01 min
Lab File: VD064919.D
Acq: 22 Jan 2020 16:09

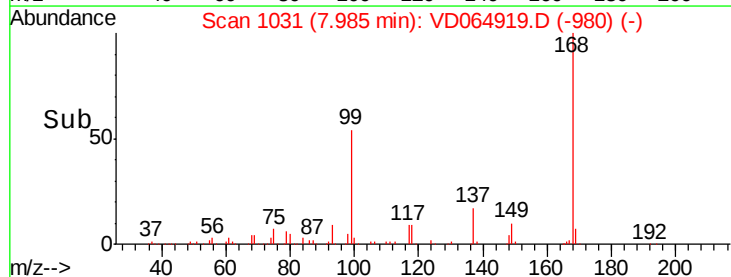
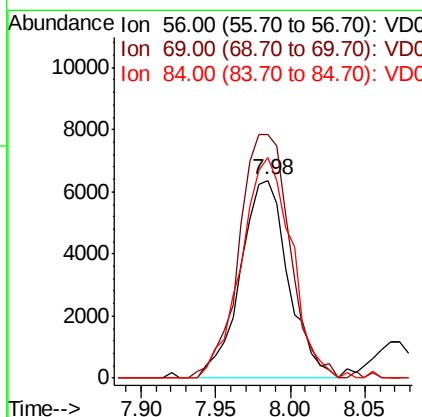
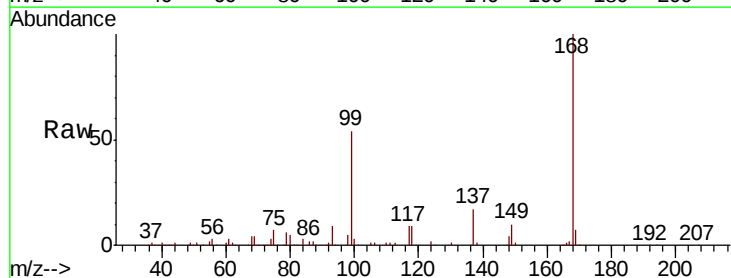
Instrument :
MSVOA_D
ClientSampled :

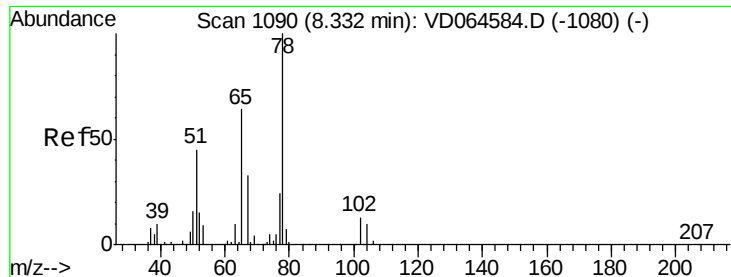
Tot Ion: 42 Resp: 966
Ion Ratio Lower Upper
42 100
72 26.7 35.0 52.4#
71 6.0 32.9 49.3#



#31
Cyclohexane
Concen: 1.687 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064919.D
Acq: 22 Jan 2020 16:09

Tgt Ion: 56 Resp: 14150
Ion Ratio Lower Upper
56 100
69 123.1 24.7 37.1#
84 111.4 69.4 104.2#

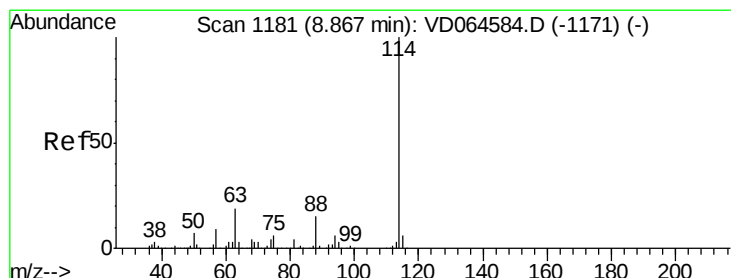
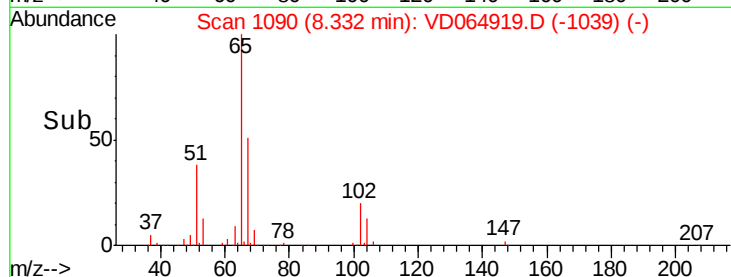
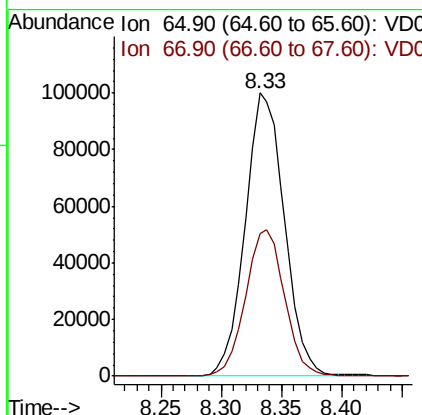
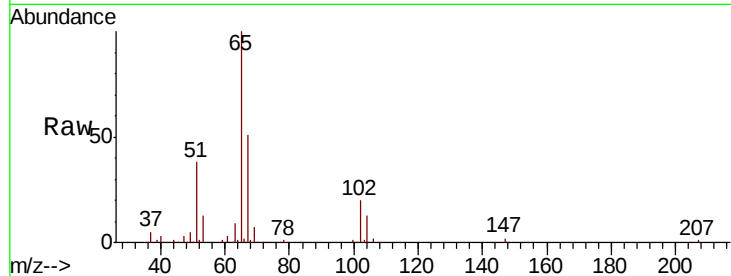




#33
 1,2-Dichloroethane-d4
 Concen: 50.389 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064919.D
 Acq: 22 Jan 2020 16:09

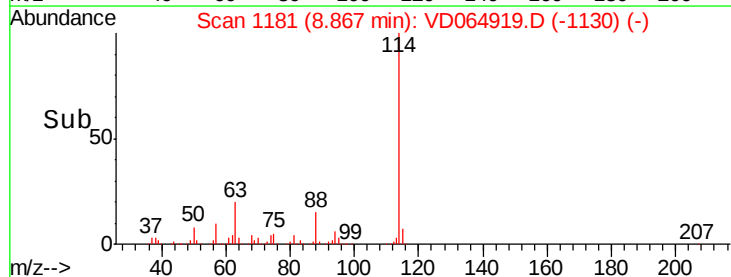
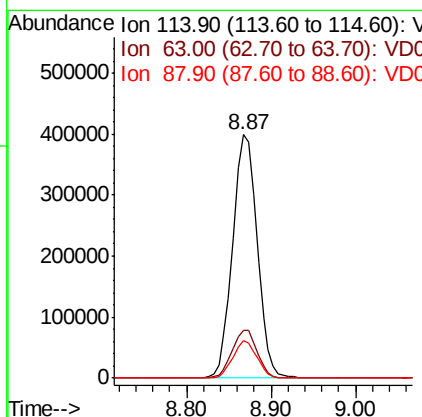
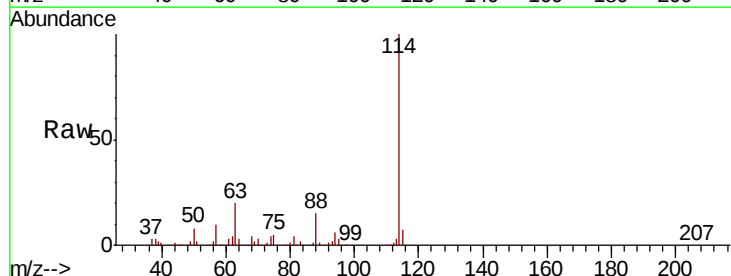
Instrument :
 MSVOA_D
 ClientSampled :

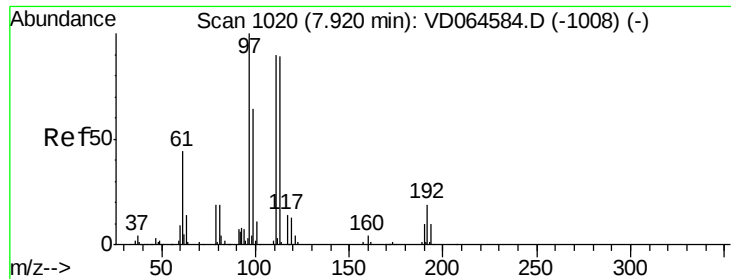
Tot Ion: 65 Resp: 226648
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064919.D
 Acq: 22 Jan 2020 16:09

Tgt Ion: 114 Resp: 799473
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.0
 88 15.3 0.0 29.2

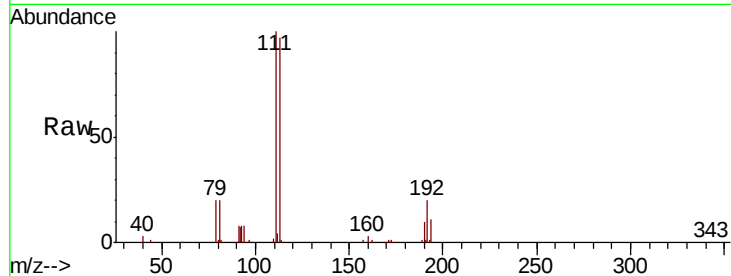




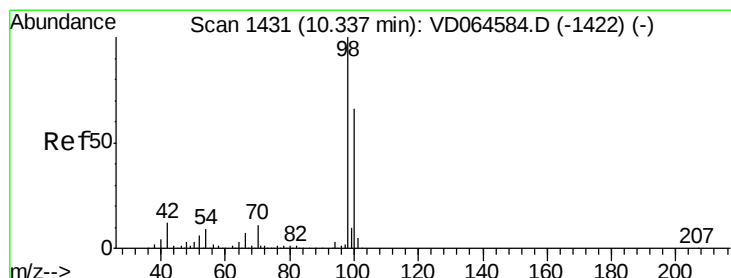
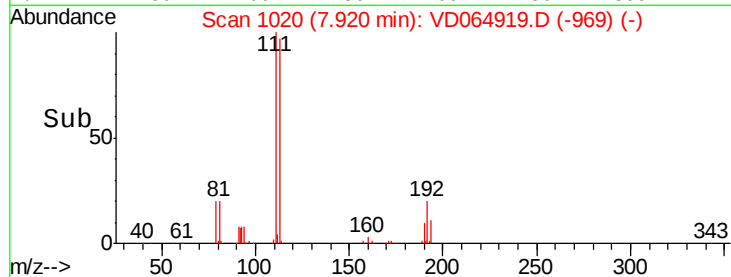
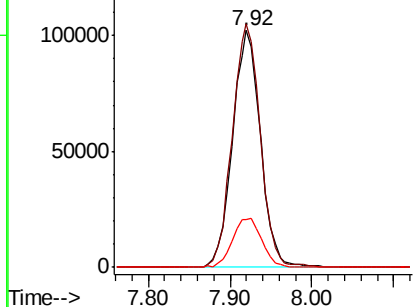
#35
 Dibromofluoromethane
 Concen: 49.354 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064919.D
 Acq: 22 Jan 2020 16:09

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.6	121.0
192	21.9	17.9	26.9

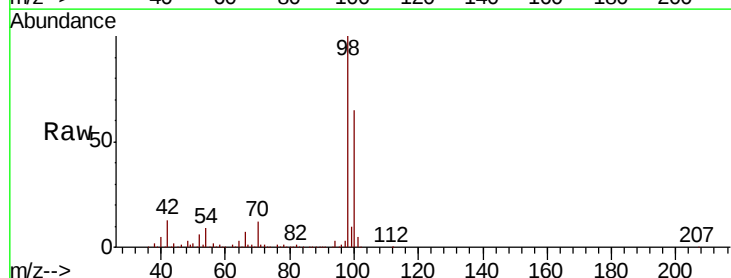


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

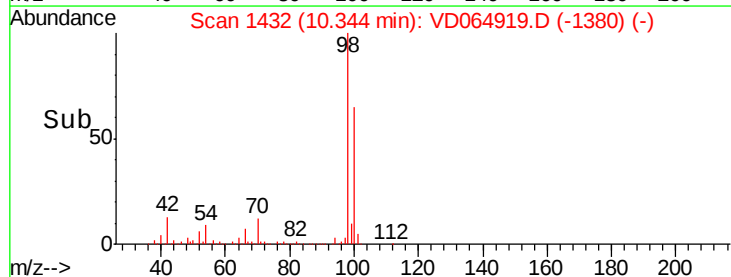
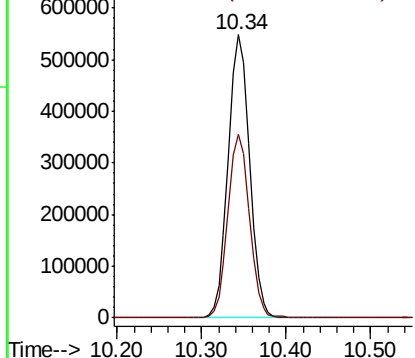


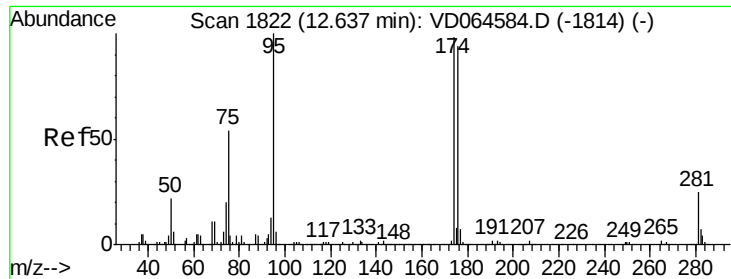
#50
 Toluene-d8
 Concen: 51.169 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064919.D
 Acq: 22 Jan 2020 16:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.7	77.5



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

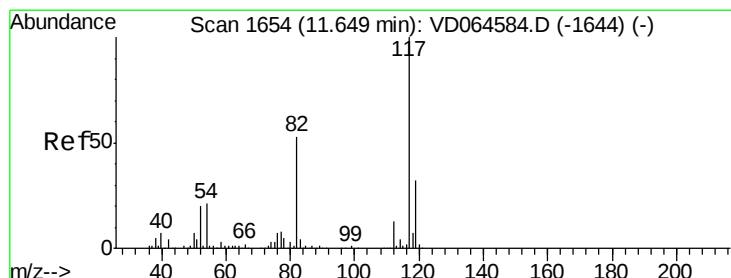
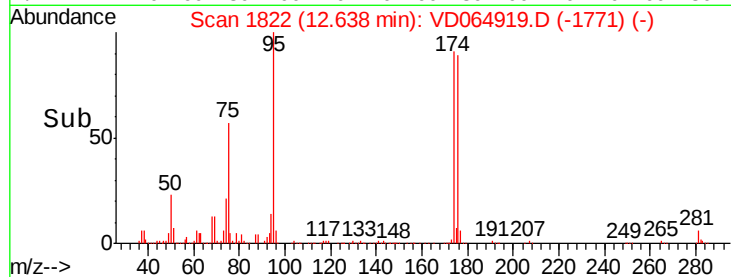
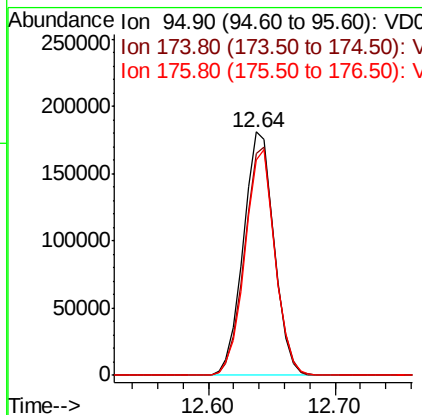
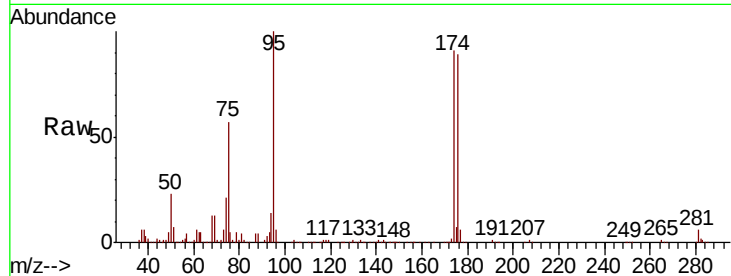




#62
4-Bromofluorobenzene
Concen: 51.468 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064919.D
Acq: 22 Jan 2020 16:09

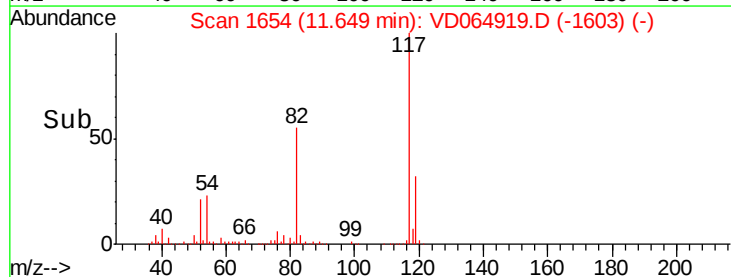
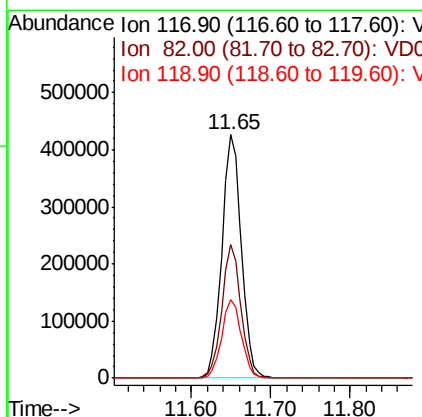
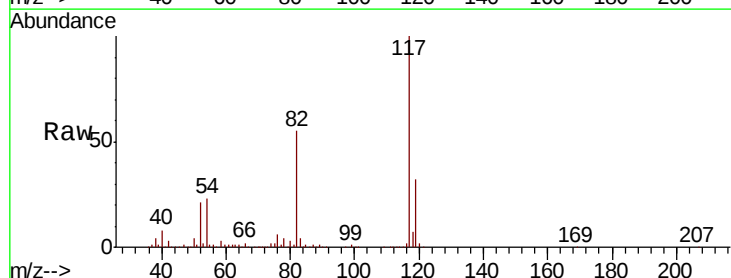
Instrument :
MSVOA_D
ClientSampleId :

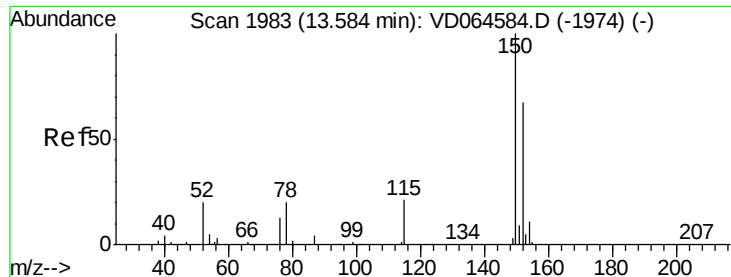
Tot Ion: 95 Resp: 305725
Ion Ratio Lower Upper
95 100
174 92.9 0.0 193.2
176 90.7 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064919.D
Acq: 22 Jan 2020 16:09

Tgt Ion: 117 Resp: 722776
Ion Ratio Lower Upper
117 100
82 54.8 42.2 63.4
119 32.3 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: VD064919.D

Acq: 22 Jan 2020 16:09

Instrument :

MSVOA_D

ClientSampleId :

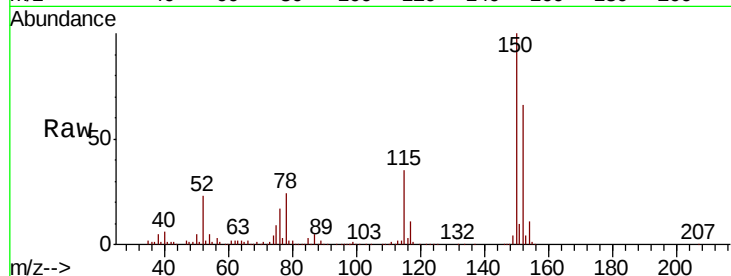
Tot Ion:152 Resp: 353451

Ion Ratio Lower Upper

152 100

115 54.7 27.8 83.4

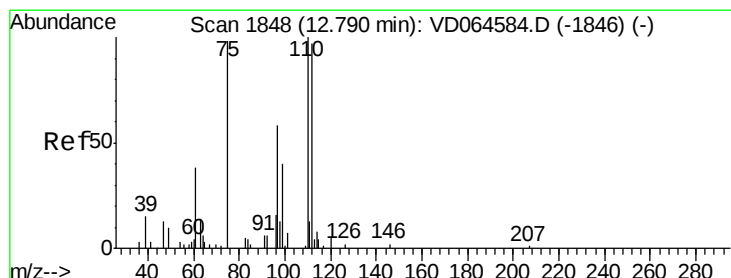
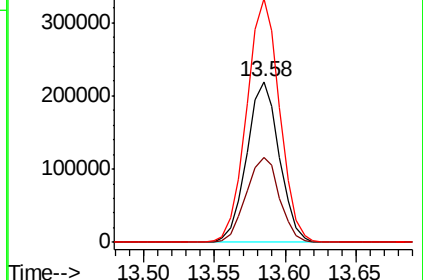
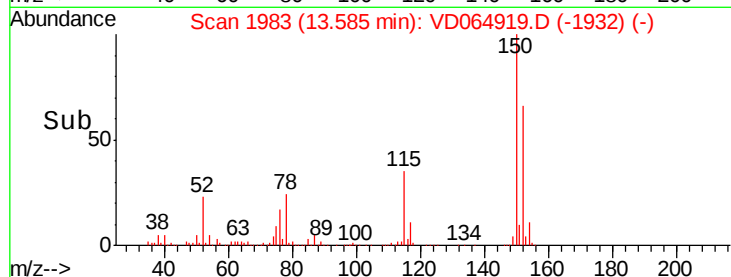
150 153.9 0.0 351.4



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: 60.839 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064919.D

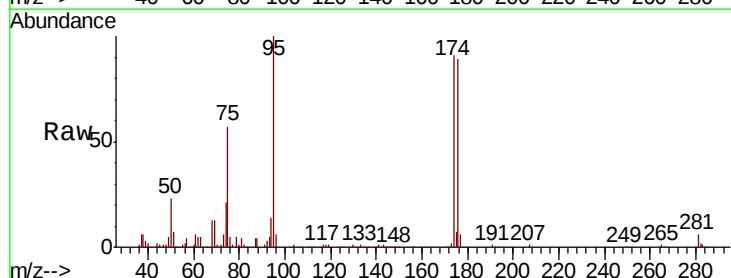
Acq: 22 Jan 2020 16:09

Tgt Ion: 75 Resp: 169807

Ion Ratio Lower Upper

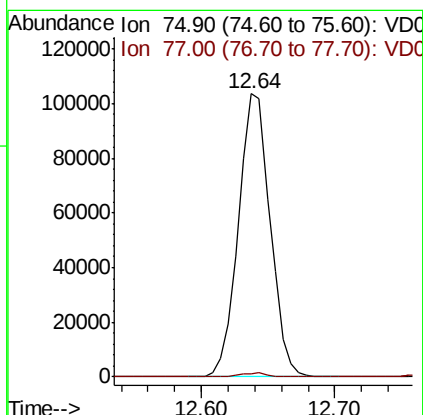
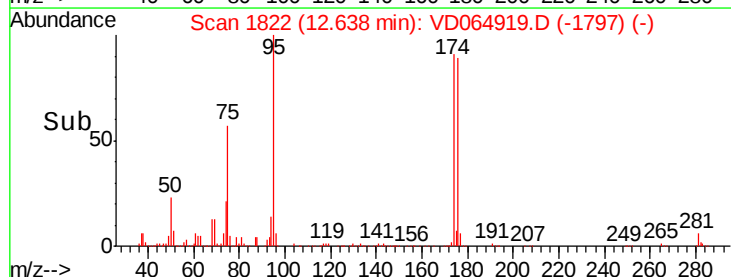
75 100

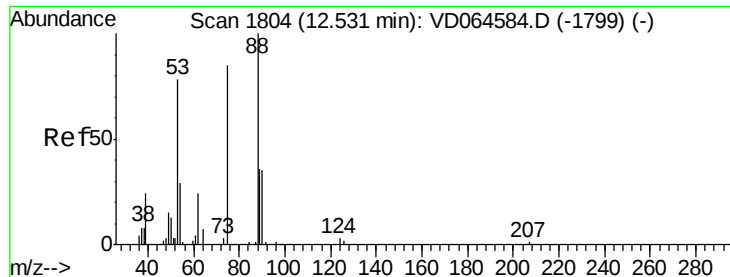
77 1.3 0.0 0.0#



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: 127.244 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064919.D

Acq: 22 Jan 2020 16:09

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 169807

Ion Ratio Lower Upper

75 100

53 0.3 78.8 118.2#

89 0.0 38.3 57.5#

