

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120419\
 Data File : VD064419.D
 Acq On : 04 Dec 2019 16:19
 Operator : VA/SY
 Sample : K6119-10RE
 Misc : 4.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 05 03:50:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

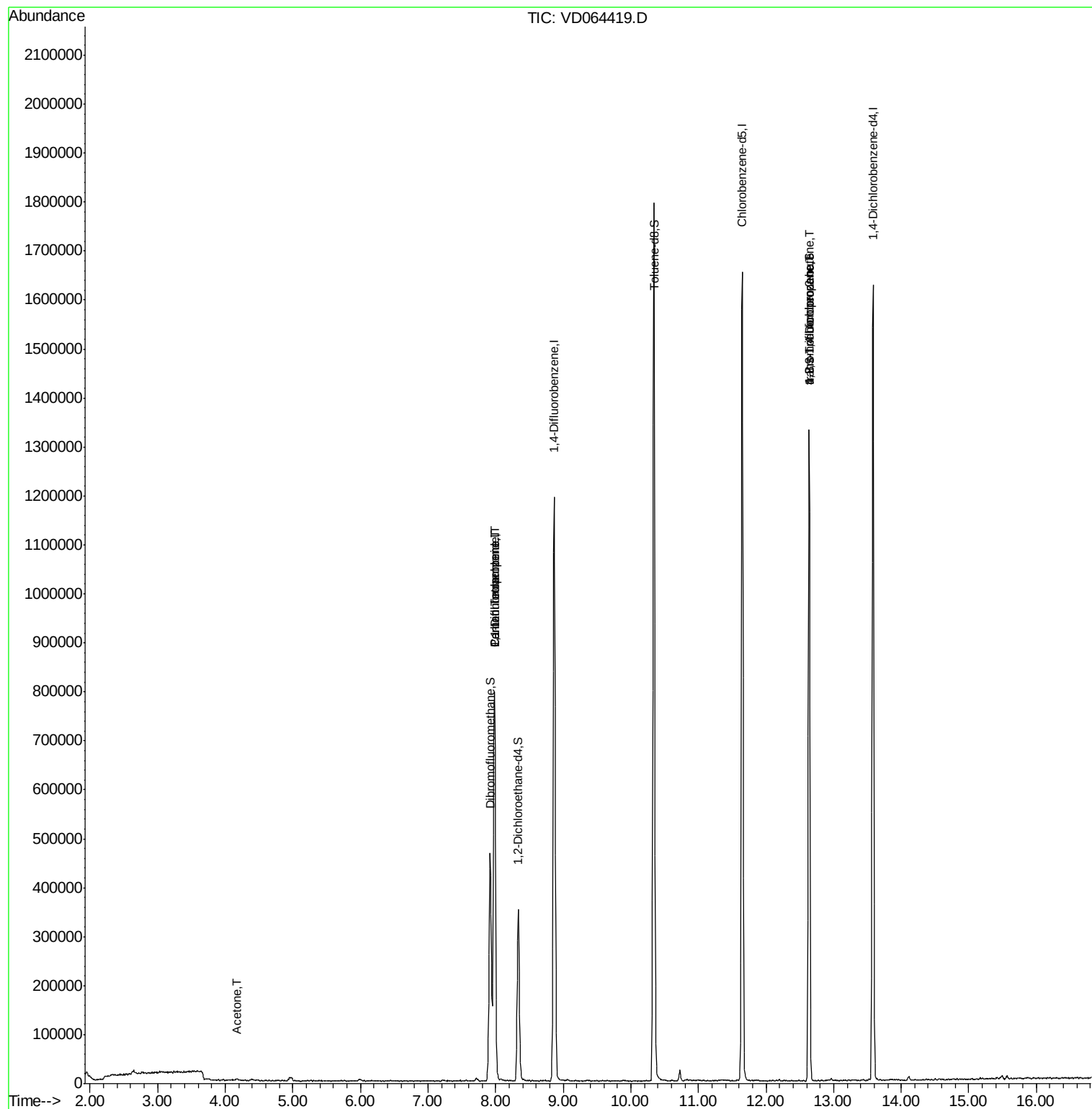
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	652322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1042176	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	951443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	450527	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	275731	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.40%	
35) Dibromofluoromethane	7.92	113	319098	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
50) Toluene-d8	10.34	98	1260090	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.64	95	392293	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
Target Compounds						
					Qvalue	
16) Acetone	4.18	43	5577	4.674	ug/l #	78
20) Methylene Chloride	4.97	84	5054	Below Cal		93
31) Cyclohexane	7.98	56	13400	Below Cal	#	1
36) 1,1-Dichloropropene	7.98	75	44196	4.483	ug/l #	49
38) Carbon Tetrachloride	7.98	117	59726	5.741	ug/l #	14
76) 1,2,3-Trichloropropane	12.64	75	206882	55.839	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	206882	121.758	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.50	75	157	Below Cal	#	1

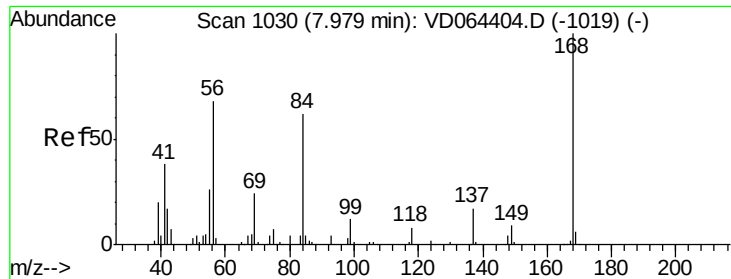
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120419\
Data File : VD064419.D
Acq On : 04 Dec 2019 16:19
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MSVOA_D
ClientSampleId :

Quant Time: Dec 05 03:50:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064419.D

Acq: 04 Dec 2019 16:19

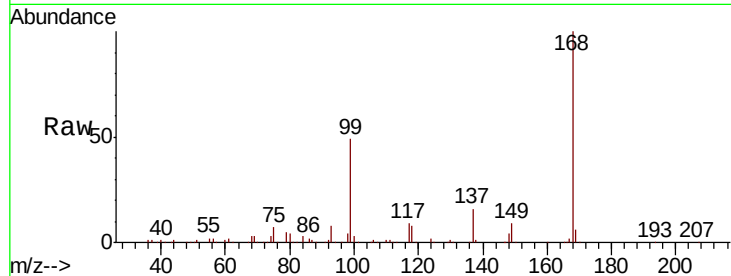
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 652322

Ion Ratio Lower Upper

168 100

99 48.8 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

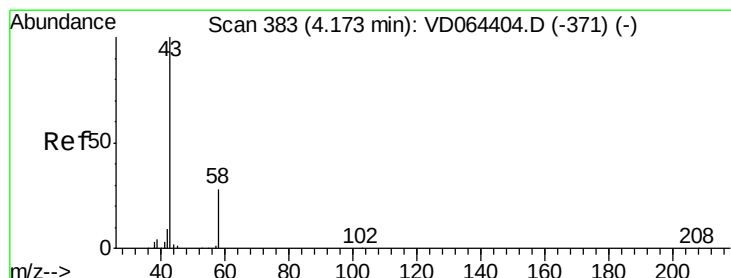
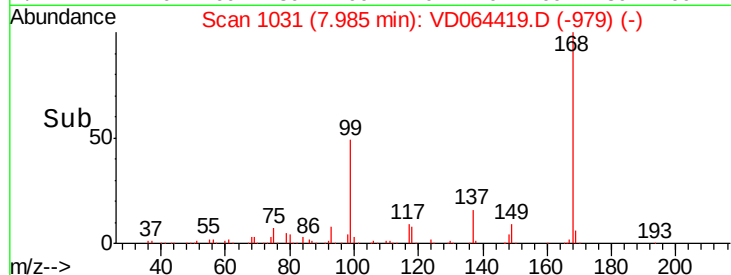
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 4.674 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.01 min

Lab File: VD064419.D

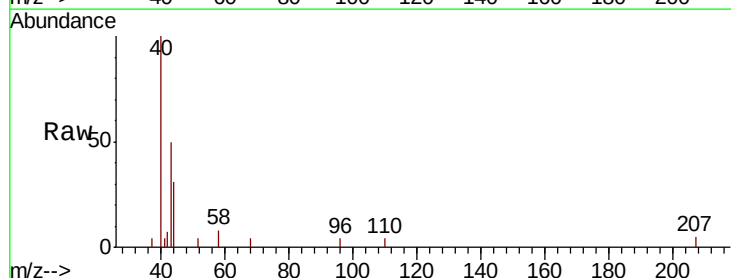
Acq: 04 Dec 2019 16:19

Tgt Ion: 43 Resp: 5577

Ion Ratio Lower Upper

43 100

58 16.6 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.18

2500

2000

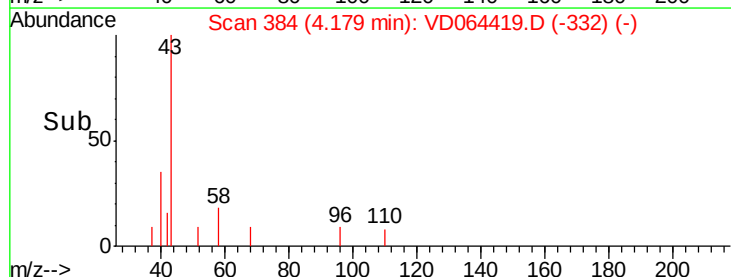
1500

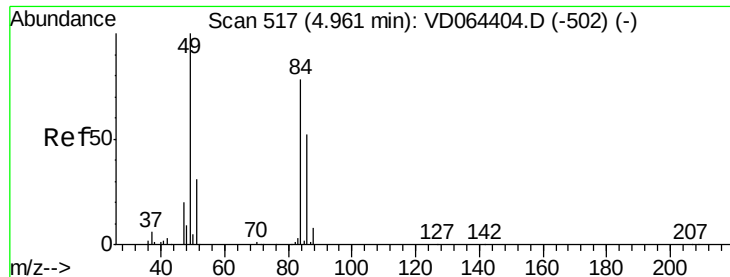
1000

500

0

Time-->

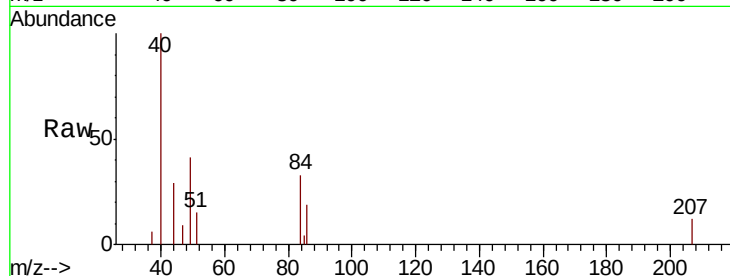




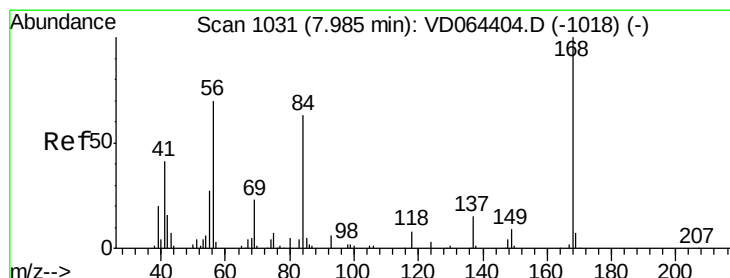
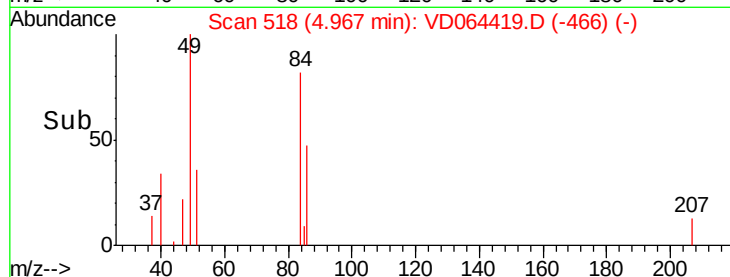
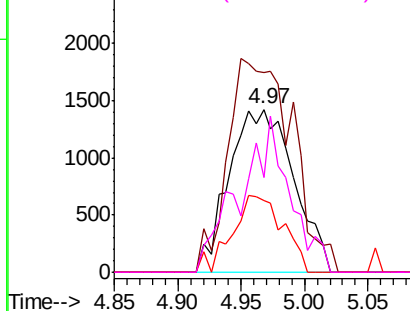
#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064419.D
Acq: 04 Dec 2019 16:19

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 84 Resp: 5054
Ion Ratio Lower Upper
84 100
49 122.4 102.6 153.8
51 44.2 32.0 48.0
86 58.1 53.4 80.0

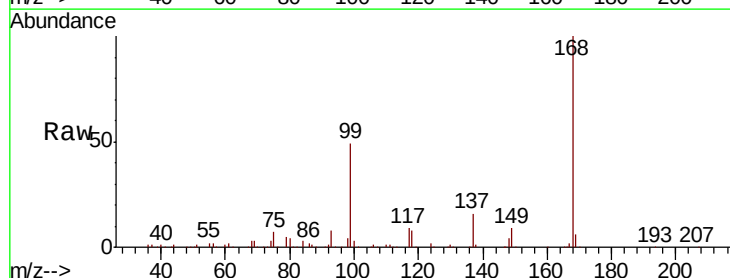


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

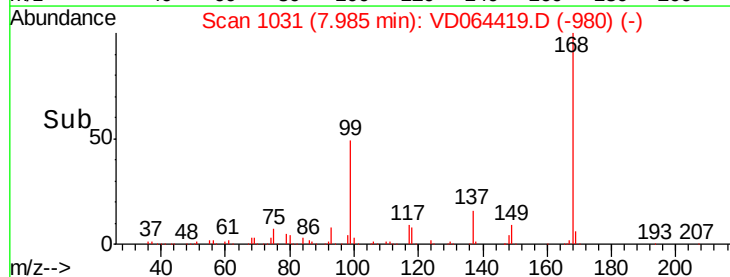
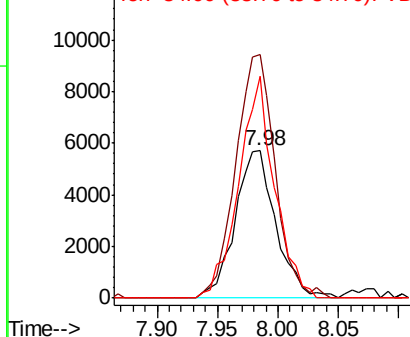


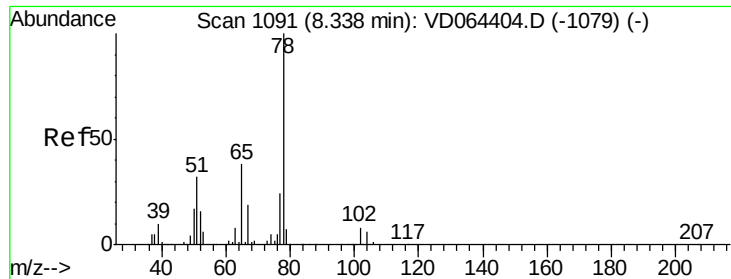
#31
Cyclohexane
Concen: Below Cal
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064419.D
Acq: 04 Dec 2019 16:19

Tgt Ion: 56 Resp: 13400
Ion Ratio Lower Upper
56 100
69 165.6 26.2 39.4#
84 151.1 70.3 105.5#



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

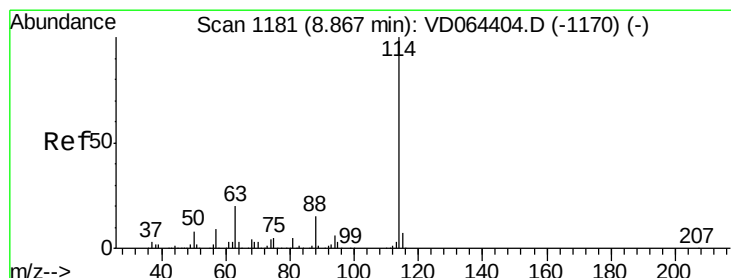
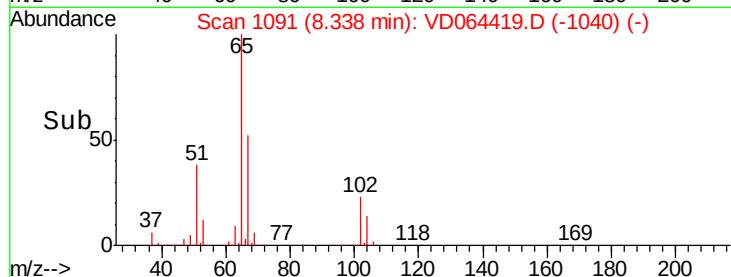
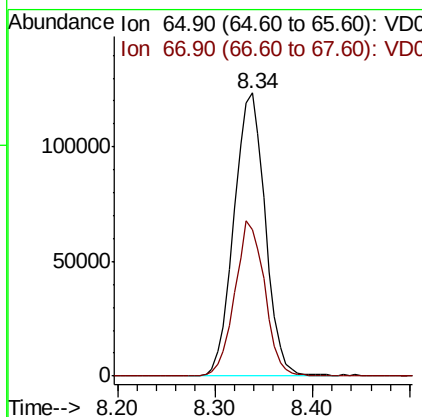
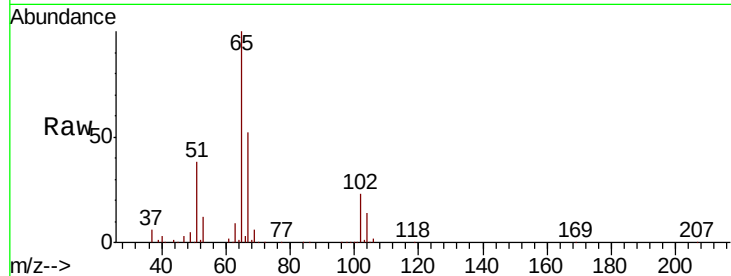




#33
 1,2-Dichloroethane-d4
 Concen: 46.699 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD064419.D
 Acq: 04 Dec 2019 16:19

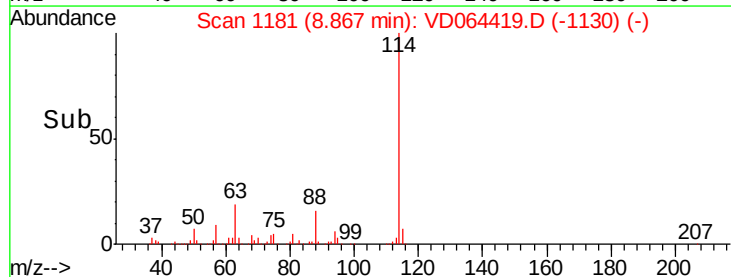
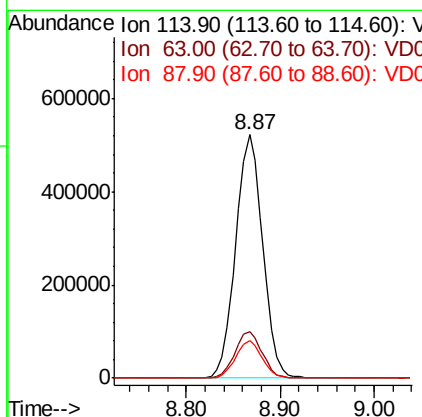
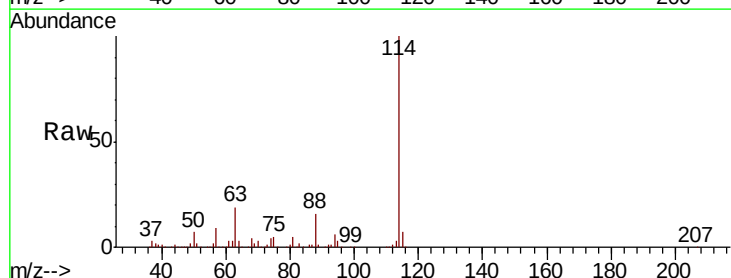
Instrument :
 MSVOA_D
 ClientSampled :

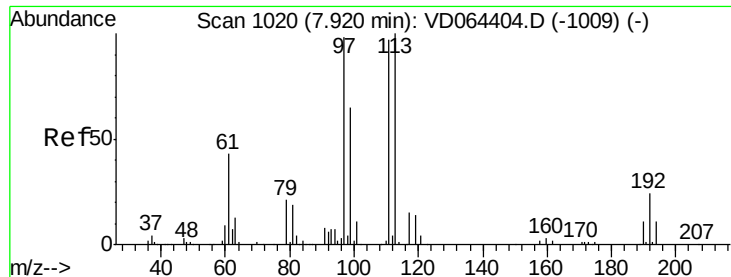
Tot Ion: 65 Resp: 275731
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064419.D
 Acq: 04 Dec 2019 16:19

Tgt Ion: 114 Resp: 1042176
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 40.0
 88 15.6 0.0 29.2

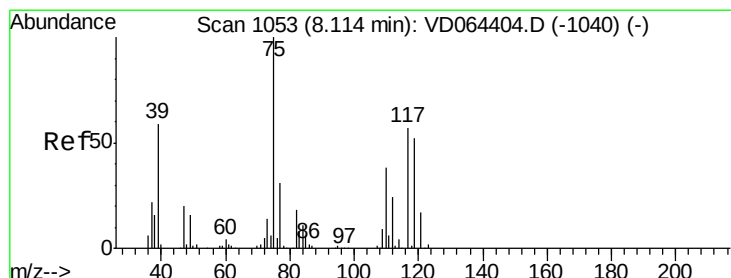
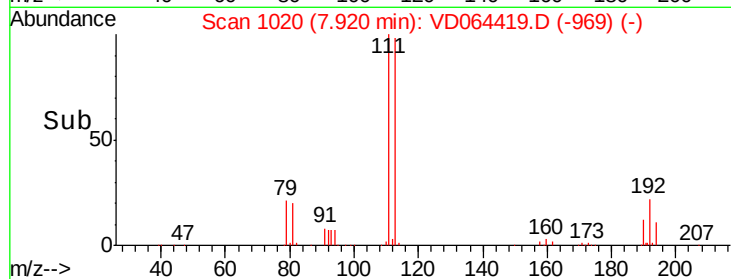
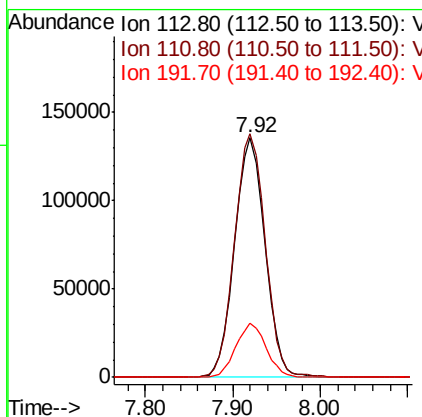
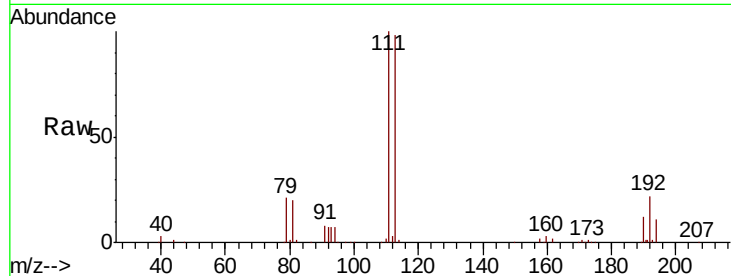




#35
 Dibromofluoromethane
 Concen: 48.597 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064419.D
 Acq: 04 Dec 2019 16:19

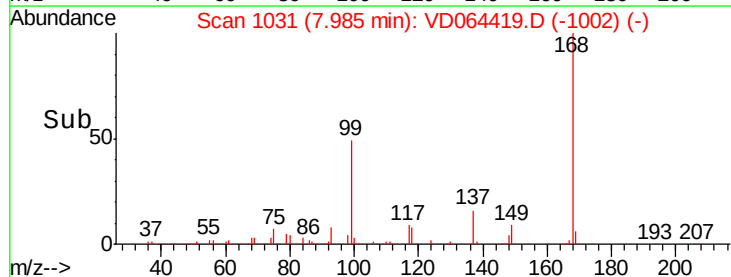
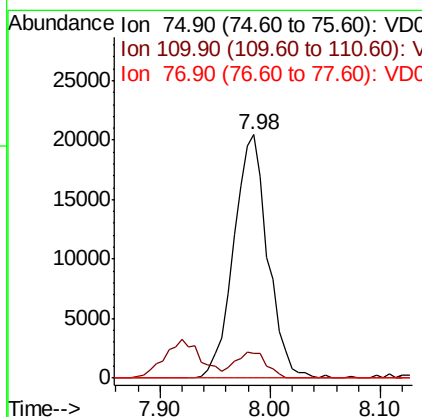
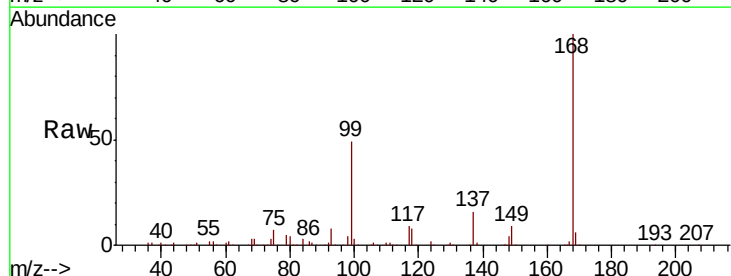
Instrument :
 MSVOA_D
 ClientSampled :

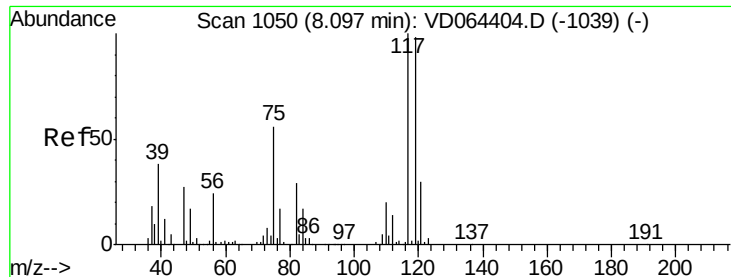
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	79.4	119.2
192	22.5	18.6	28.0



#36
 1,1-Dichloropropene
 Concen: 4.483 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064419.D
 Acq: 04 Dec 2019 16:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.6	55.8#
77	0.0	25.0	37.4#





#38

Carbon Tetrachloride

Concen: 5.741 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064419.D

Acq: 04 Dec 2019 16:19

Instrument :

MSVOA_D

ClientSampled :

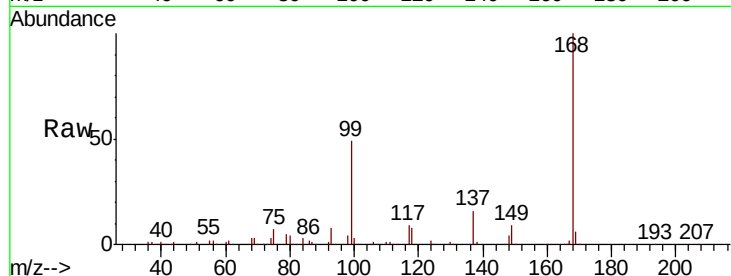
Tot Ion:117 Resp: 59726

Ion Ratio Lower Upper

117 100

119 3.8 78.8 118.2#

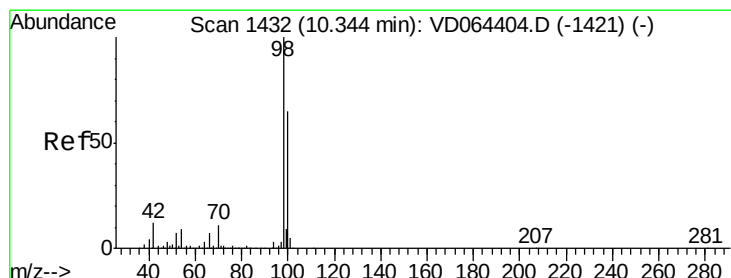
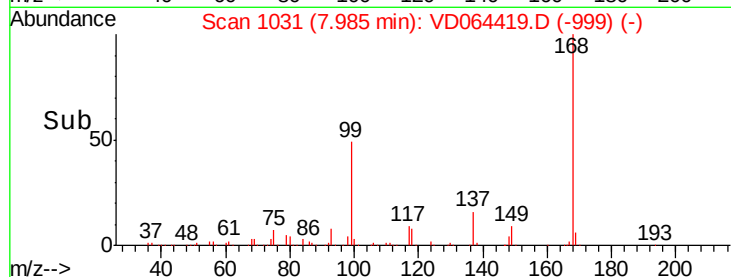
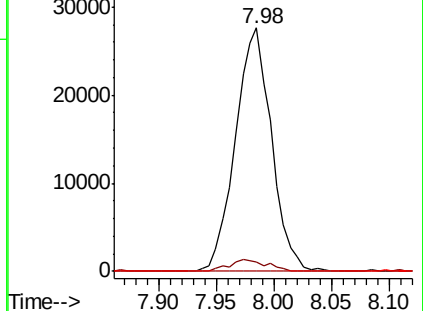
121 0.0 24.2 36.2#



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: 50.945 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064419.D

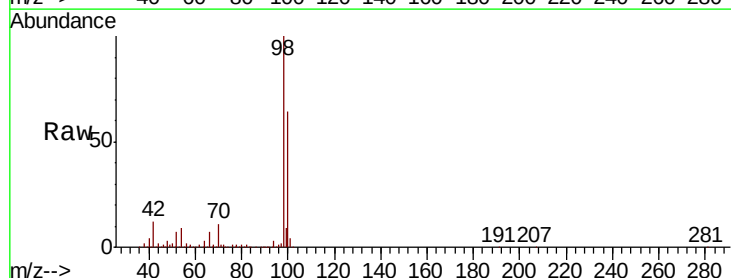
Acq: 04 Dec 2019 16:19

Tgt Ion: 98 Resp: 1260090

Ion Ratio Lower Upper

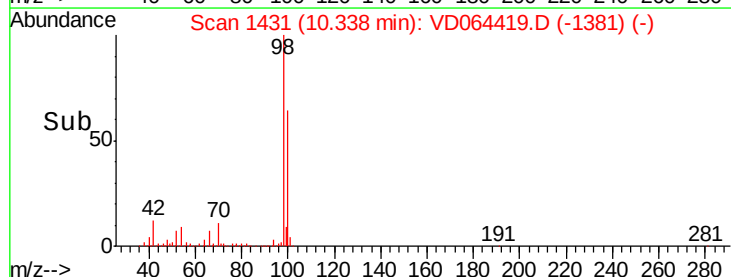
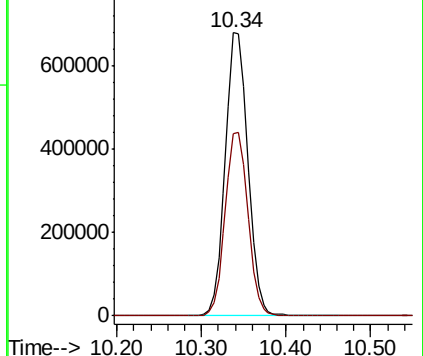
98 100

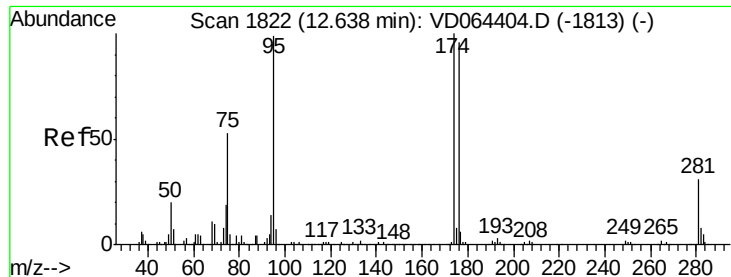
100 65.2 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

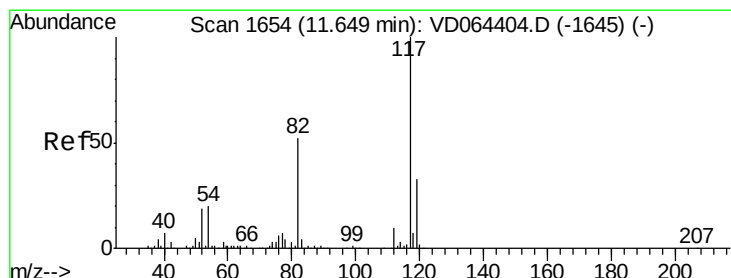
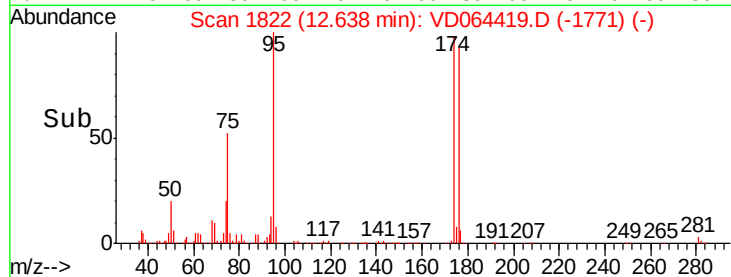
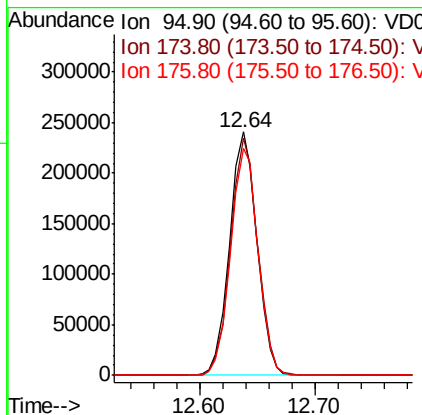
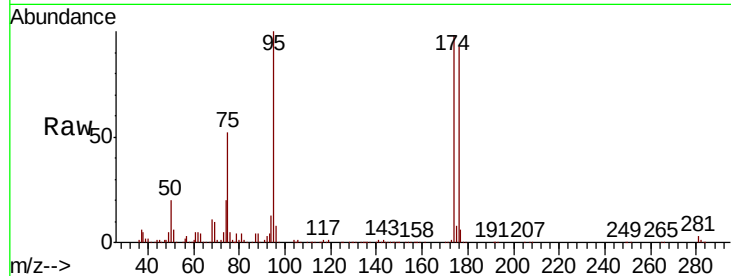




#62
4-Bromofluorobenzene
Concen: 49.352 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064419.D
Acq: 04 Dec 2019 16:19

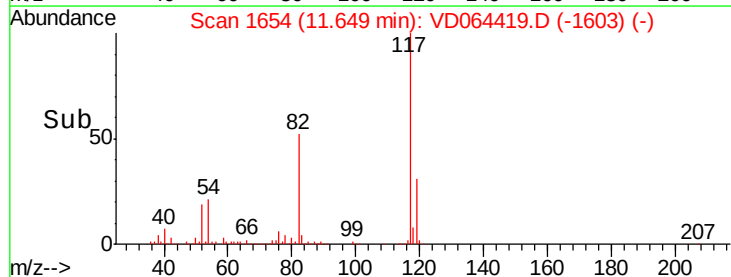
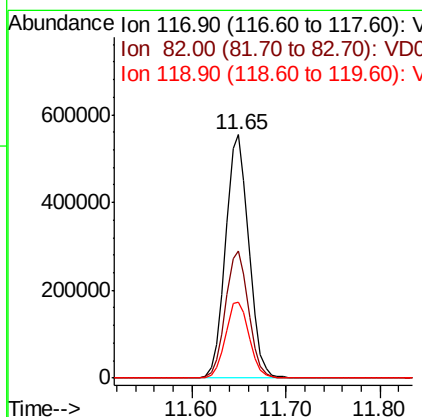
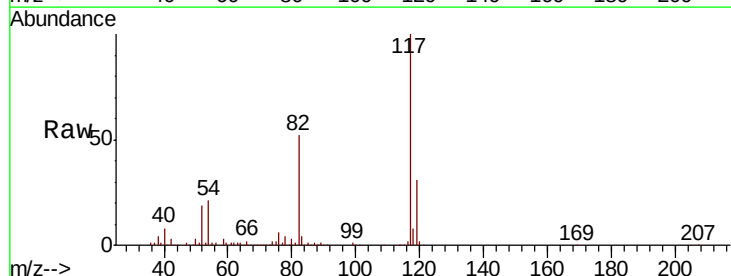
Instrument :
MSVOA_D
ClientSampleId :

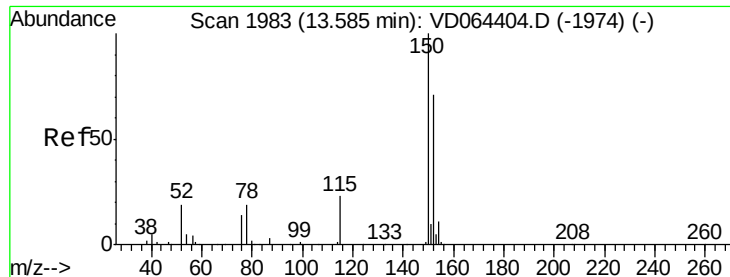
Tot Ion: 95 Resp: 392293
Ion Ratio Lower Upper
95 100
174 97.1 0.0 197.2
176 94.0 0.0 189.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064419.D
Acq: 04 Dec 2019 16:19

Tgt Ion: 117 Resp: 951443
Ion Ratio Lower Upper
117 100
82 52.3 41.4 62.2
119 31.3 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064419.D

Acq: 04 Dec 2019 16:19

Instrument :

MSVOA_D

ClientSampleId :

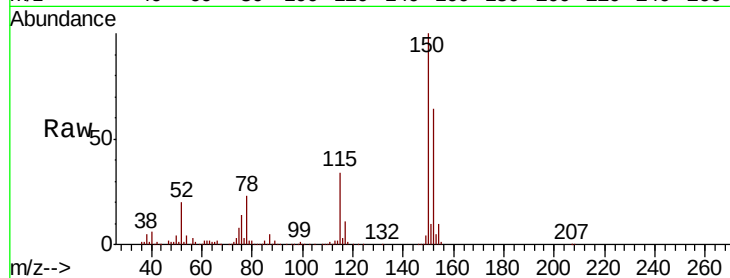
Tot Ion:152 Resp: 450527

Ion Ratio Lower Upper

152 100

115 54.7 26.7 80.1

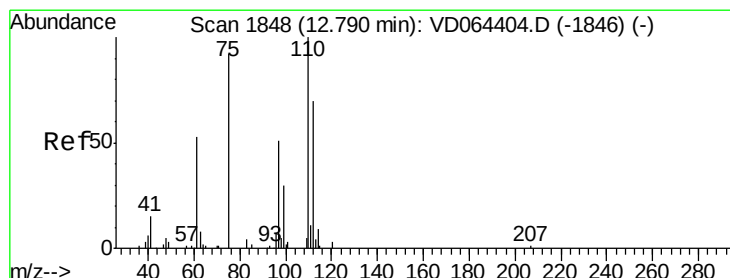
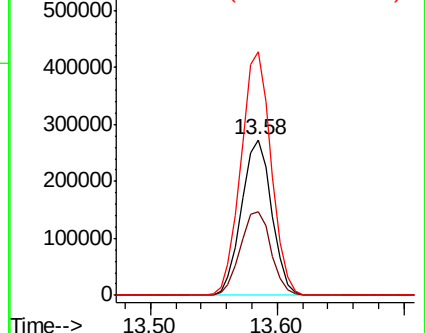
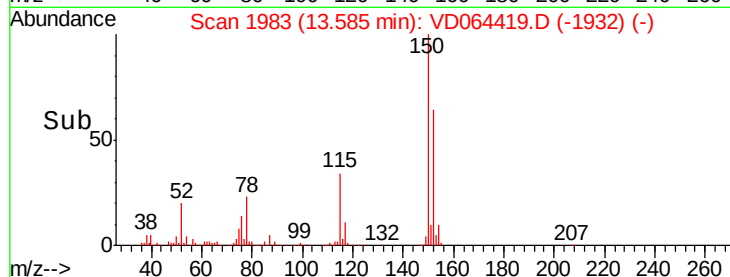
150 156.6 0.0 347.2



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: 55.839 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064419.D

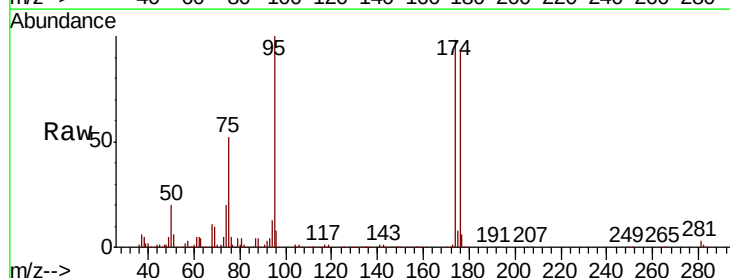
Acq: 04 Dec 2019 16:19

Tgt Ion: 75 Resp: 206882

Ion Ratio Lower Upper

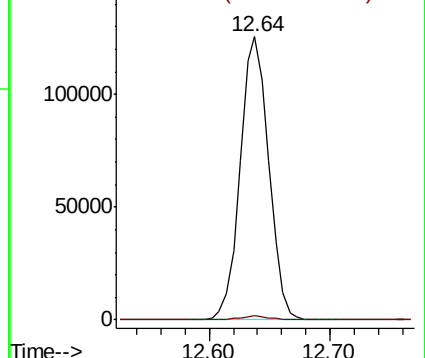
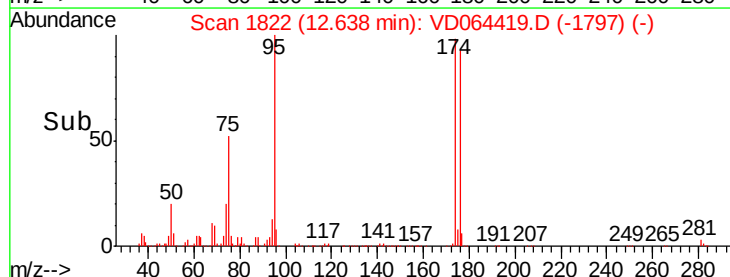
75 100

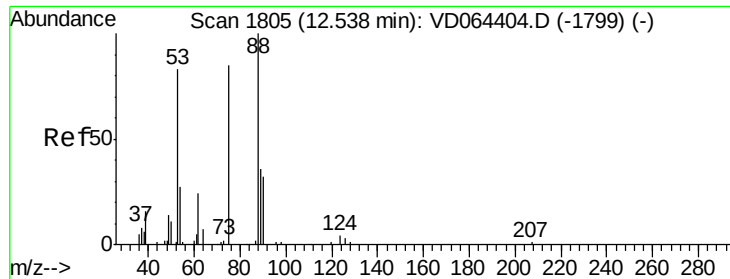
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

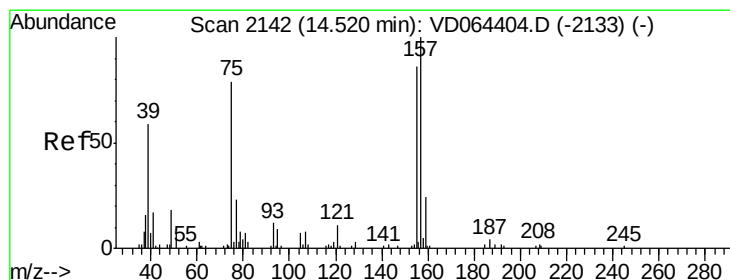
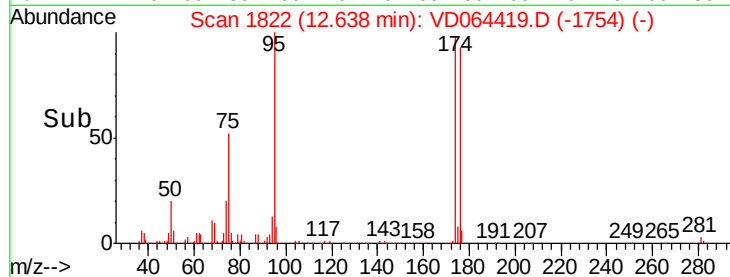
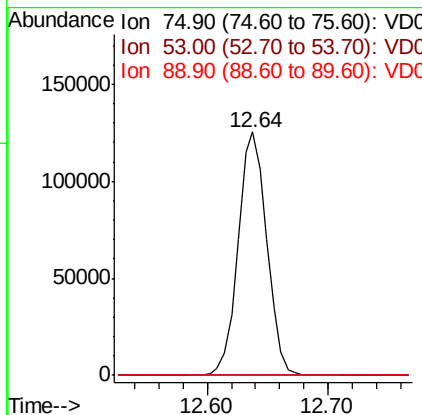
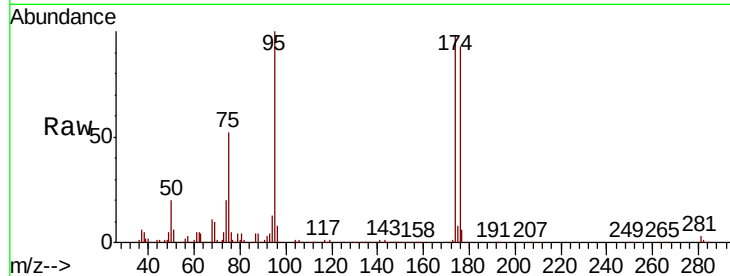




#81
trans-1,4-Dichloro-2-butene
Concen: 121.758 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.10 min
Lab File: VD064419.D
Acq: 04 Dec 2019 16:19

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 75 Resp: 206882
Ion Ratio Lower Upper
75 100
53 0.0 81.0 121.6#
89 0.1 38.5 57.7#



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.50 min Scan# 2138
Delta R.T. -0.02 min
Lab File: VD064419.D
Acq: 04 Dec 2019 16:19

Tgt Ion: 75 Resp: 157
Ion Ratio Lower Upper
75 100
155 0.0 51.9 155.7#
157 0.0 63.2 189.8#

