

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112219\
 Data File : VD064346.D
 Acq On : 22 Nov 2019 14:36
 Operator : VA/SY
 Sample : K5977-09
 Misc : 6.60G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 23 00:47:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

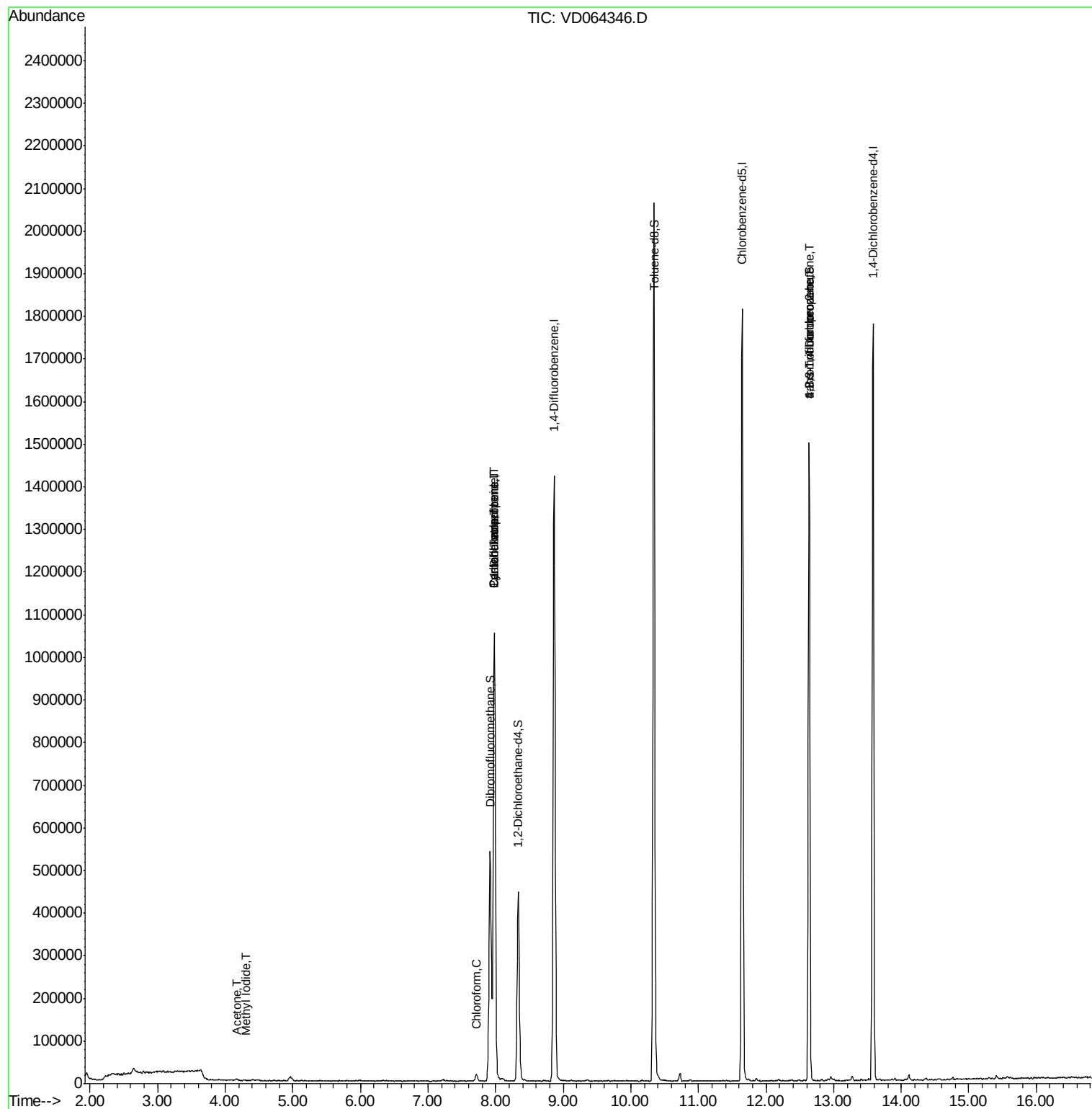
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	856314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1252557	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1079056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	489250	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	355205	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
35) Dibromofluoromethane	7.92	113	373952	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
50) Toluene-d8	10.34	98	1462391	53.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.84%	
62) 4-Bromofluorobenzene	12.64	95	458570	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.31	142	390	2.075	ug/l #	67
16) Acetone	4.16	43	6027	3.612	ug/l	97
30) Chloroform	7.71	83	15201	1.084	ug/l	88
31) Cyclohexane	7.98	56	17766	1.285	ug/l #	13
36) 1,1-Dichloropropene	7.98	75	57954	5.013	ug/l #	49
38) Carbon Tetrachloride	7.98	117	77495	6.265	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	236102	59.913	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	236102	119.010	ug/l #	10

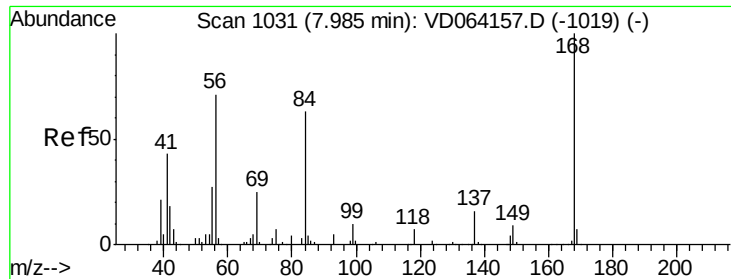
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064346.D

Acq: 22 Nov 2019 14:36

Instrument :

MSVOA_D

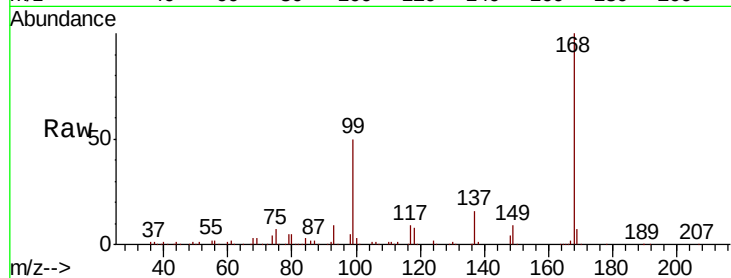
ClientSampleId :

Tot Ion:168 Resp: 856314

Ion Ratio Lower Upper

168 100

99 49.9 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

400000

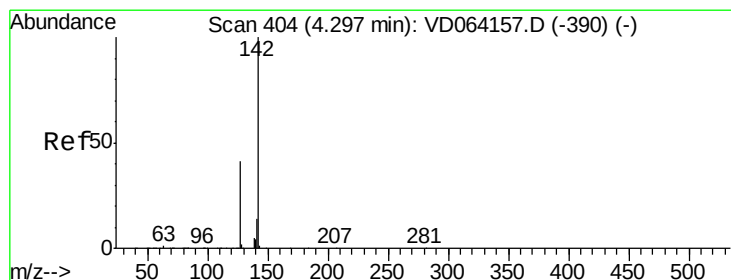
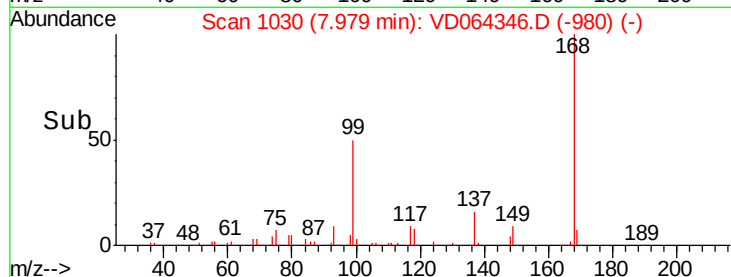
300000

200000

100000

0

Time-->



#10

Methyl Iodide

Concen: 2.075 ug/l

RT: 4.31 min Scan# 406

Delta R.T. 0.01 min

Lab File: VD064346.D

Acq: 22 Nov 2019 14:36

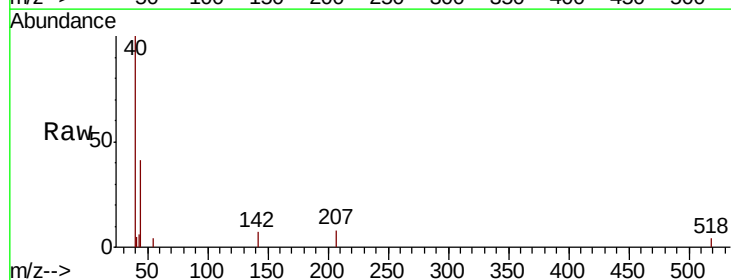
Tgt Ion:142 Resp: 390

Ion Ratio Lower Upper

142 100

127 22.1 34.4 51.6#

141 0.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

400

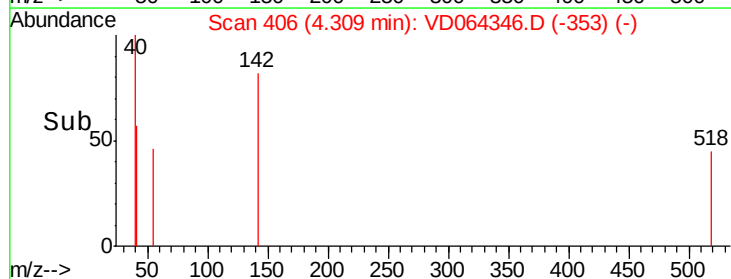
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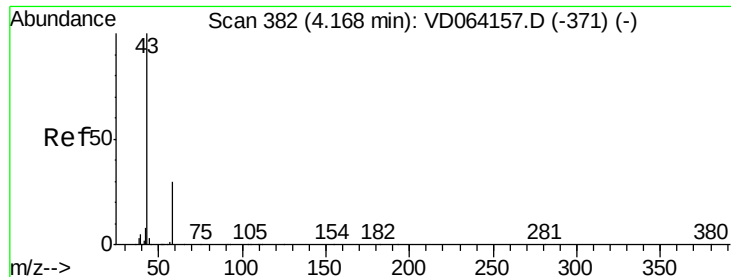
200

100

0

Time-->

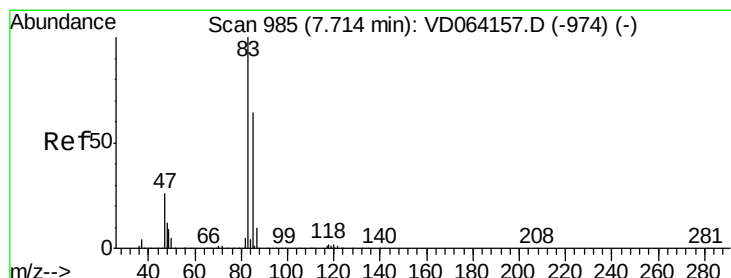
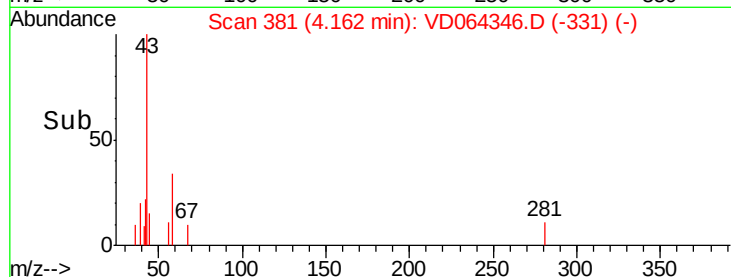
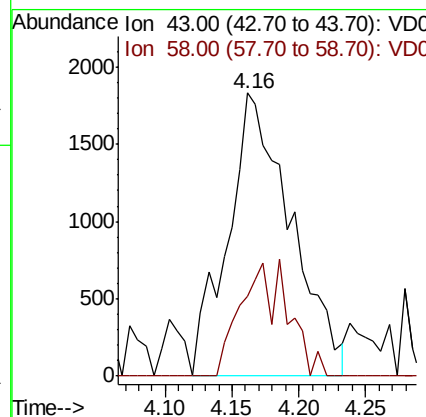
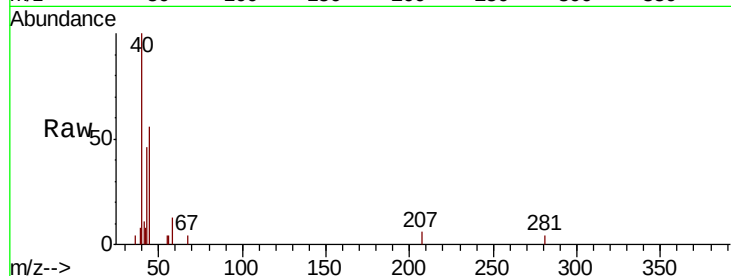




#16
Acetone
Concen: 3.612 ug/l
RT: 4.16 min Scan# 381
Delta R.T. -0.01 min
Lab File: VD064346.D
Acq: 22 Nov 2019 14:36

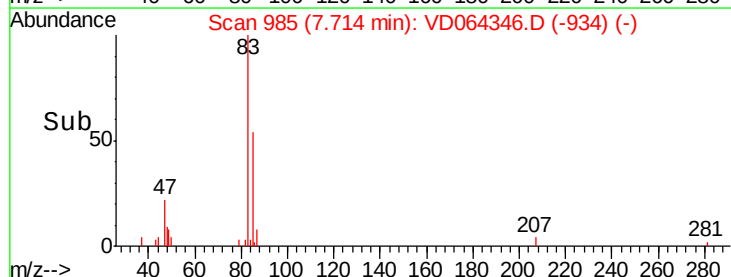
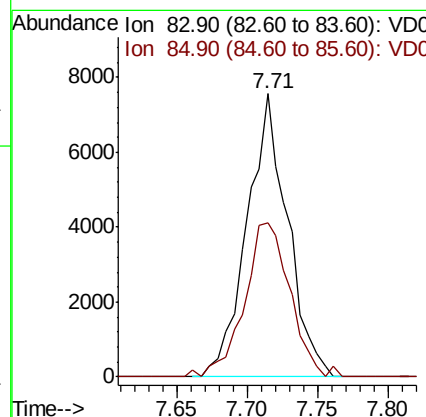
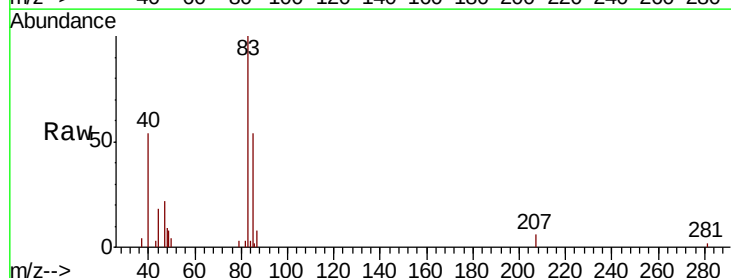
Instrument :
MSVOA_D
ClientSampleId :

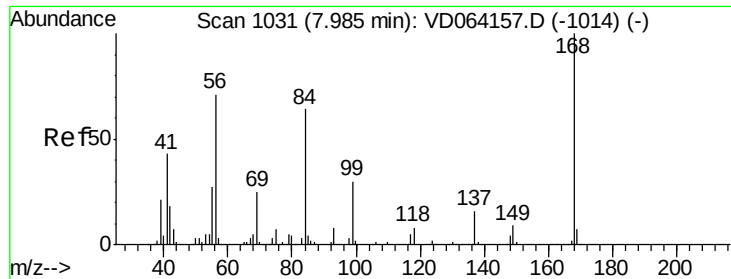
Tot Ion: 43 Resp: 6027
Ion Ratio Lower Upper
43 100
58 28.3 24.1 36.1



#30
Chloroform
Concen: 1.084 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064346.D
Acq: 22 Nov 2019 14:36

Tgt Ion: 83 Resp: 15201
Ion Ratio Lower Upper
83 100
85 54.5 51.4 77.0

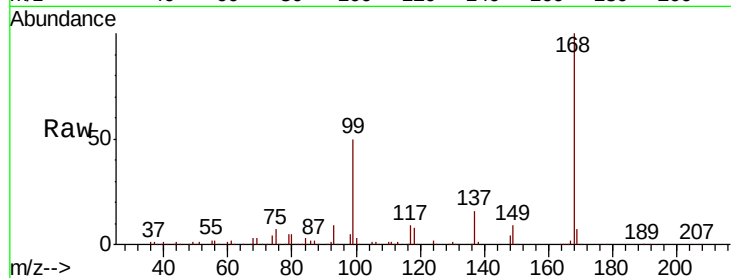




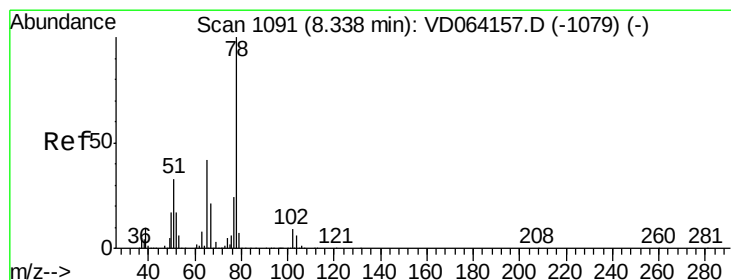
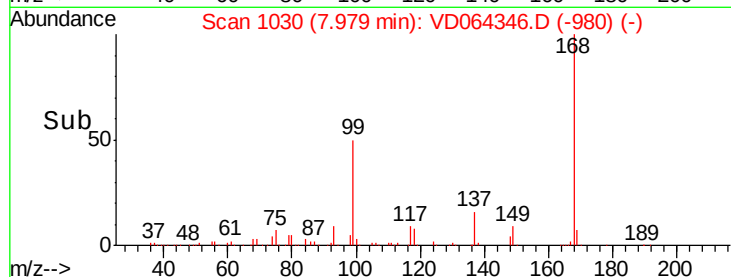
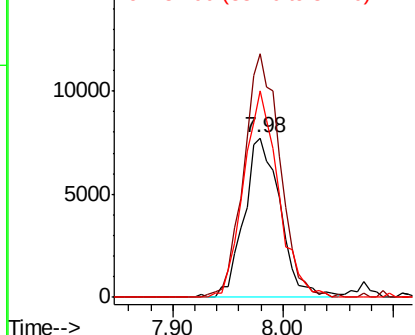
#31
Cyclohexane
Concen: 1.285 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064346.D
Acq: 22 Nov 2019 14:36

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 17766
Ion Ratio Lower Upper
56 100
69 152.8 28.2 42.4#
84 129.5 71.8 107.6#

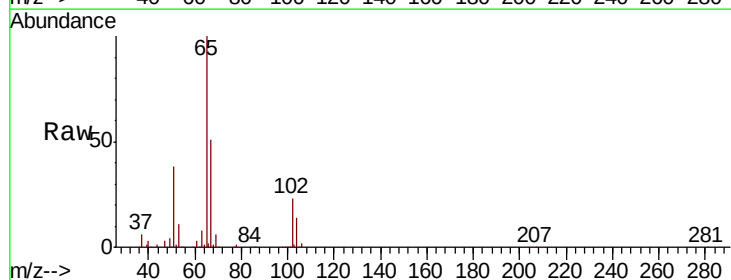


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

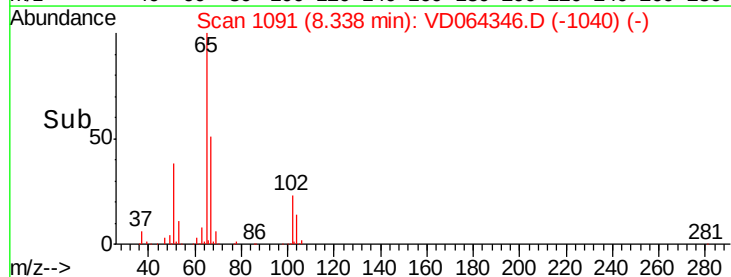
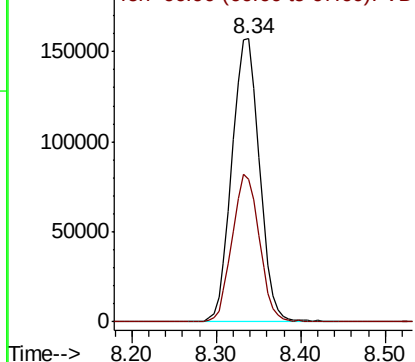


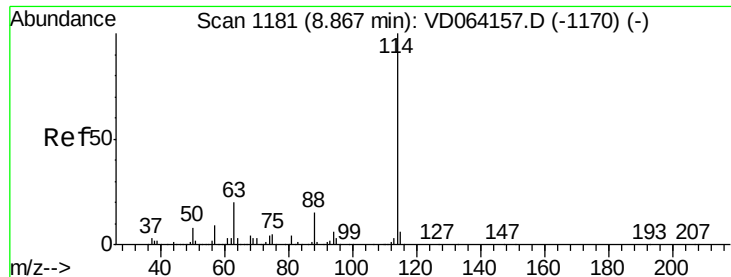
#33
1,2-Dichloroethane-d4
Concen: 50.436 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD064346.D
Acq: 22 Nov 2019 14:36

Tgt Ion: 65 Resp: 355205
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

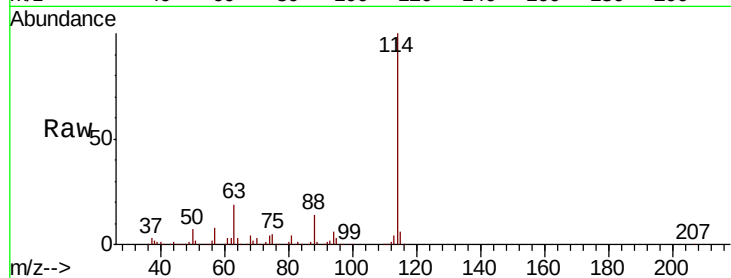




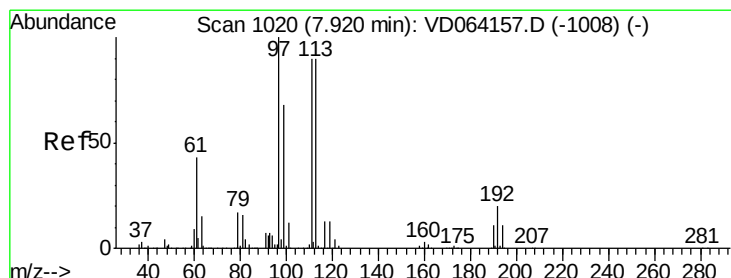
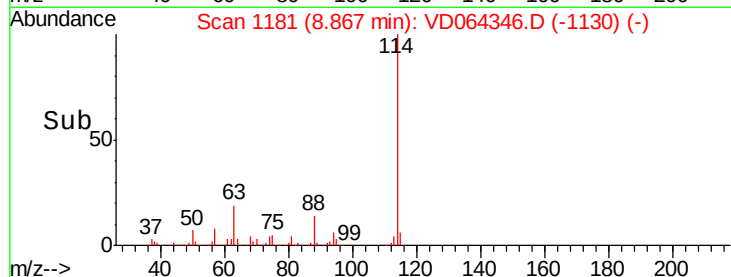
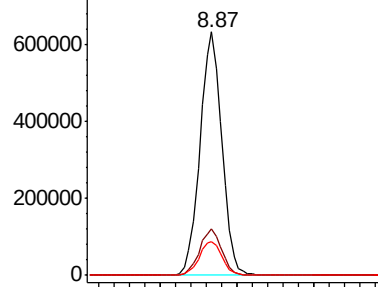
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064346.D
 Acq: 22 Nov 2019 14:36

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 1252557
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.0
 88 13.9 0.0 30.2

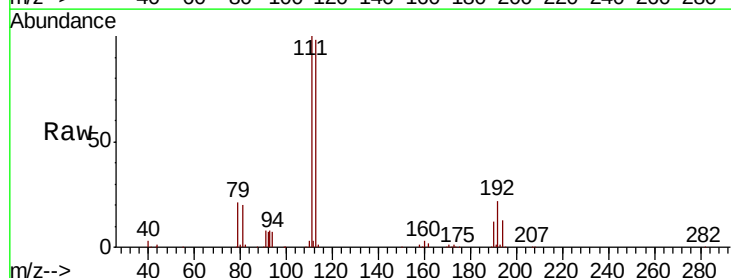


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

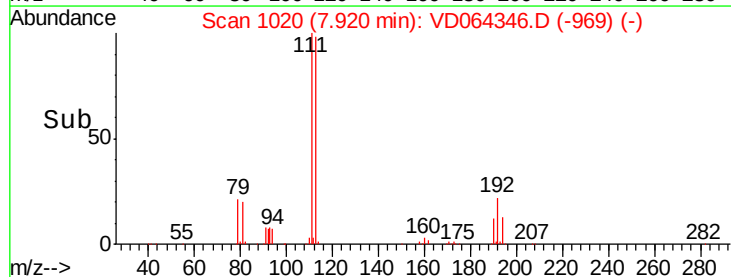
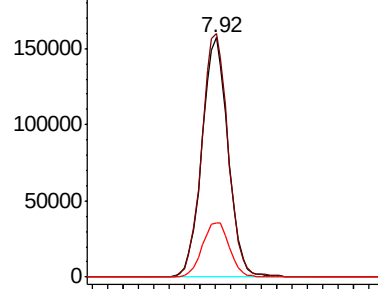


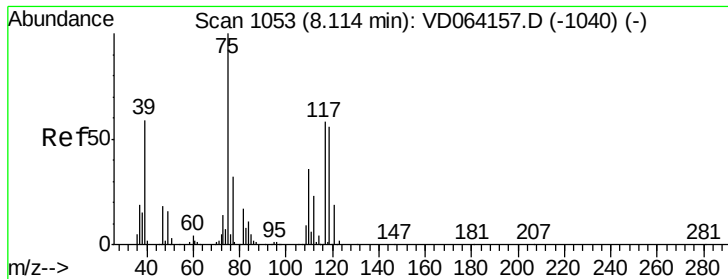
#35
 Dibromofluoromethane
 Concen: 52.011 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064346.D
 Acq: 22 Nov 2019 14:36

Tgt Ion:113 Resp: 373952
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.5 122.3
 192 23.6 18.8 28.2



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

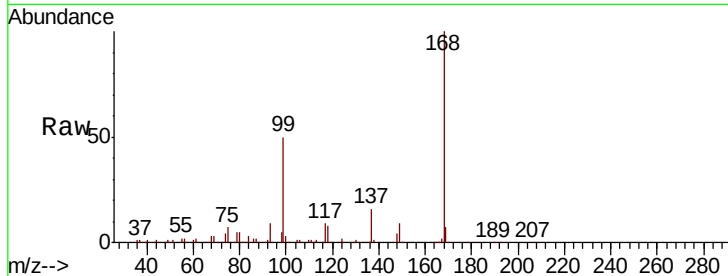




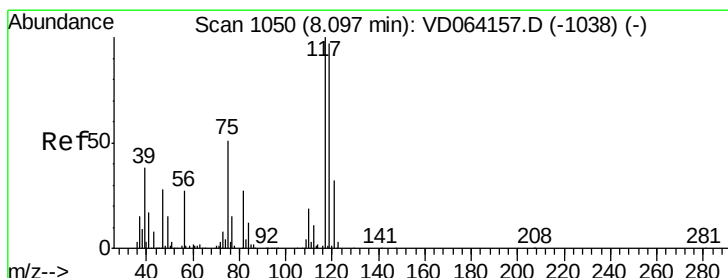
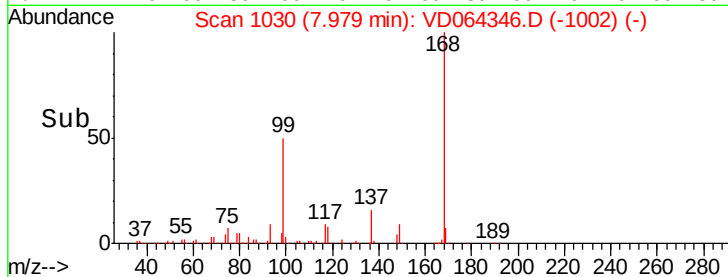
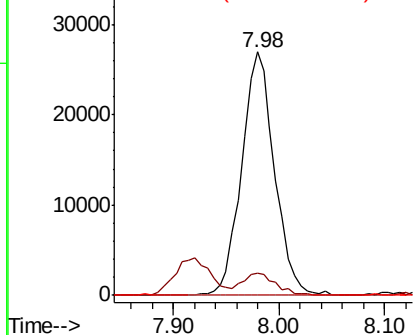
#36
 1,1-Dichloropropene
 Concen: 5.013 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD064346.D
 Acq: 22 Nov 2019 14:36

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.3	54.9#
77	0.0	25.0	37.6#

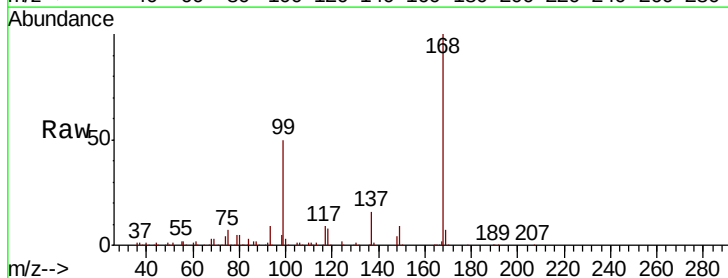


Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

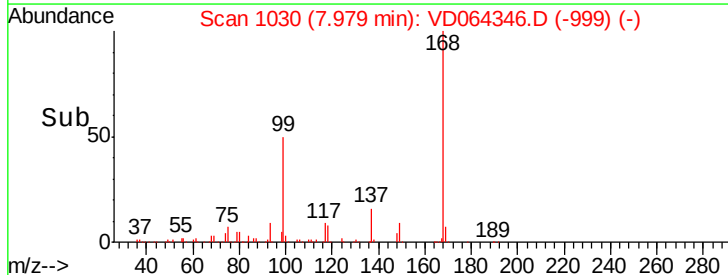
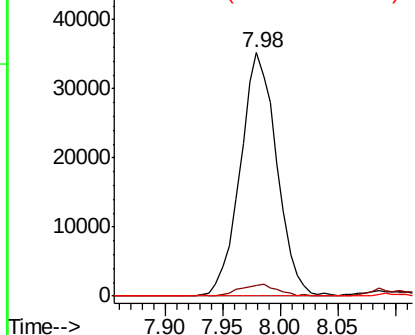


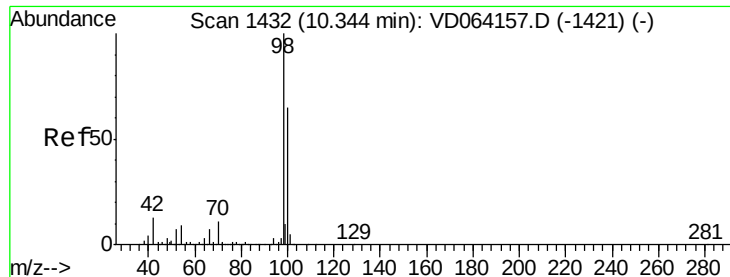
#38
 Carbon Tetrachloride
 Concen: 6.265 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD064346.D
 Acq: 22 Nov 2019 14:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.3	77.2	115.8#
121	0.0	25.5	38.3#



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

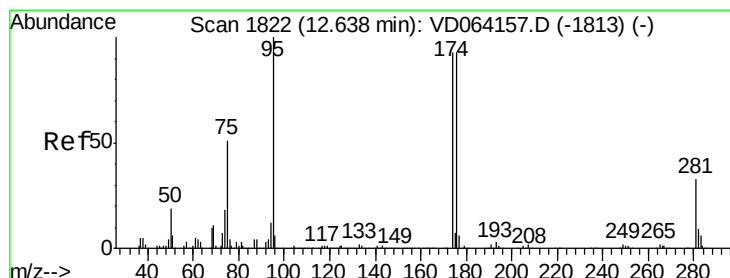
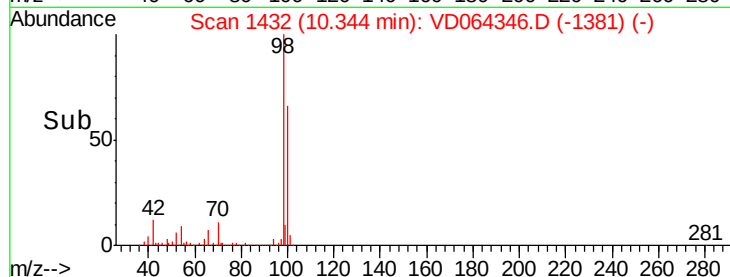
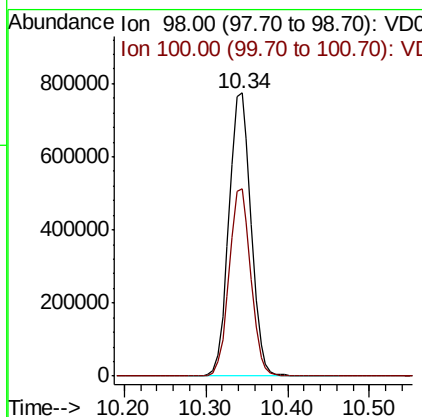
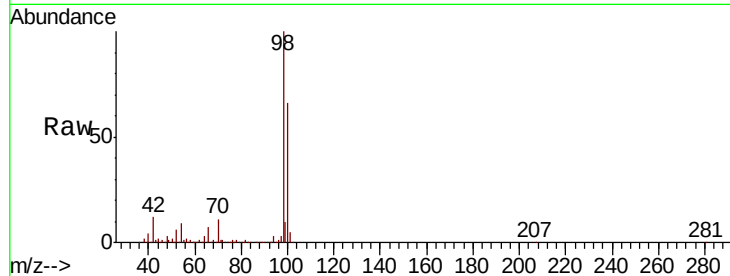




#50
Toluene-d8
Concen: 53.916 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064346.D
Acq: 22 Nov 2019 14:36

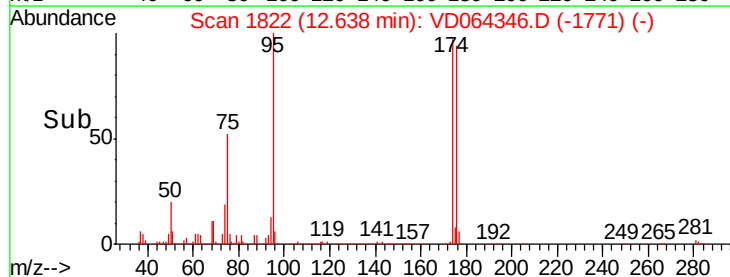
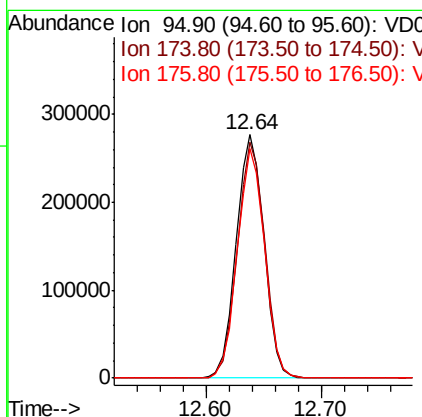
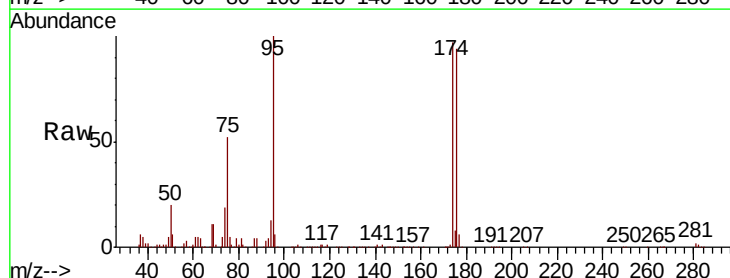
Instrument :
MSVOA_D
ClientSampleId :

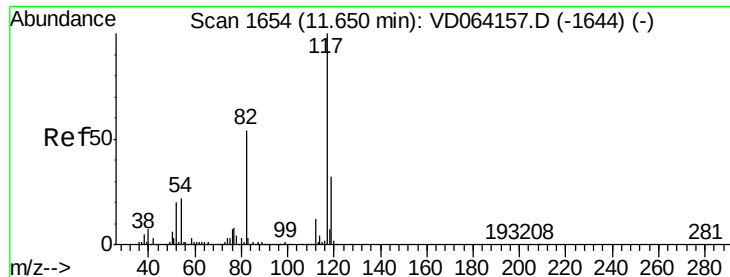
Tot Ion: 98 Resp: 1462391
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.820 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064346.D
Acq: 22 Nov 2019 14:36

Tgt Ion: 95 Resp: 458570
Ion Ratio Lower Upper
95 100
174 96.3 0.0 183.6
176 93.0 0.0 180.2

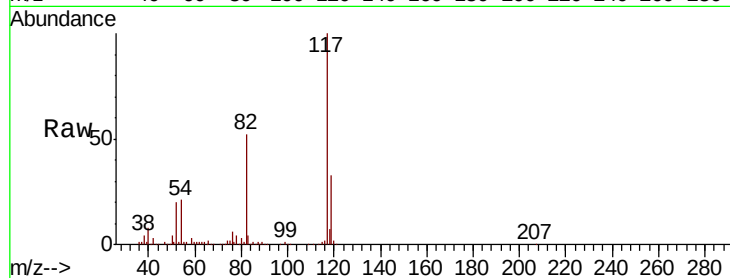




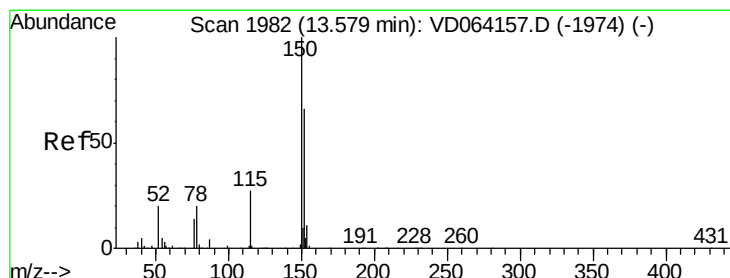
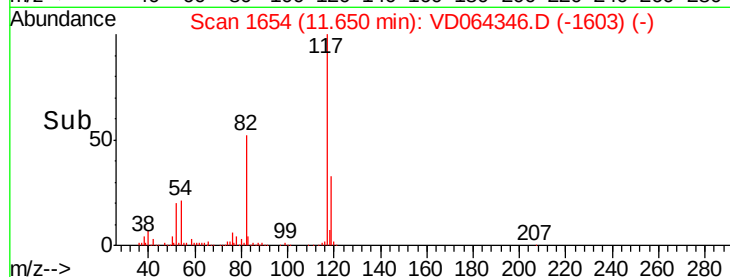
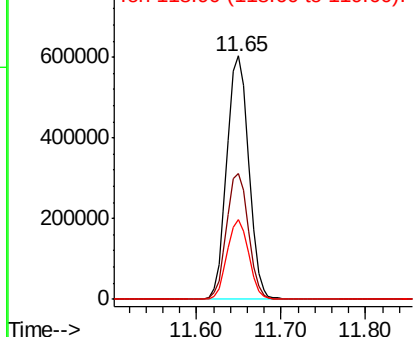
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064346.D
Acq: 22 Nov 2019 14:36

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 1079056
Ion Ratio Lower Upper
117 100
82 51.5 42.8 64.2
119 33.0 25.6 38.4

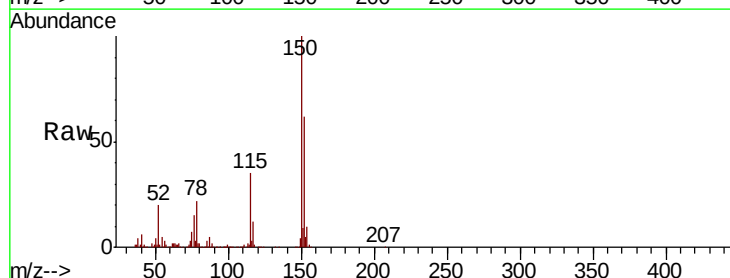


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

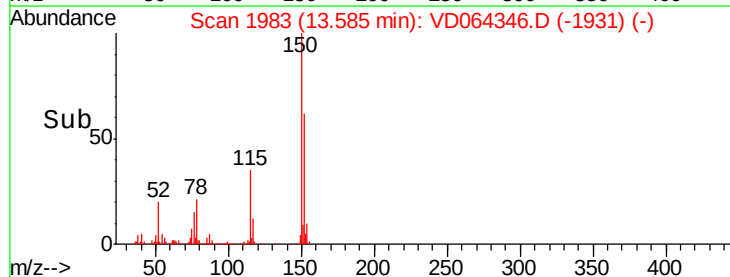
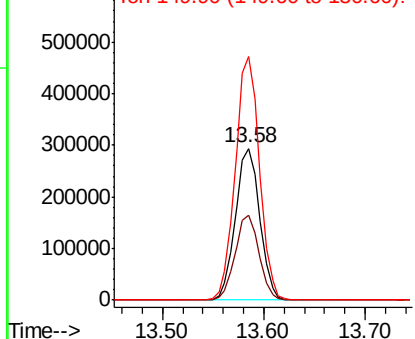


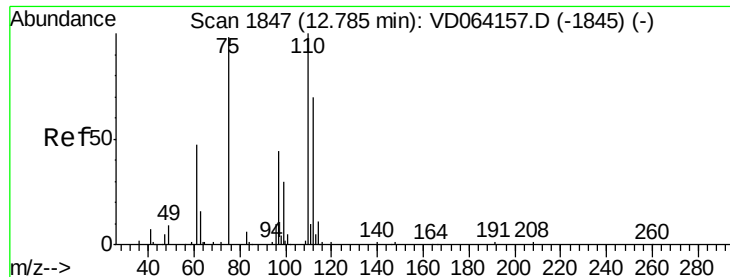
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064346.D
Acq: 22 Nov 2019 14:36

Tgt Ion:152 Resp: 489250
Ion Ratio Lower Upper
152 100
115 55.4 27.4 82.2
150 159.0 0.0 351.6



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: 59.913 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064346.D

Acq: 22 Nov 2019 14:36

Instrument :

MSVOA_D

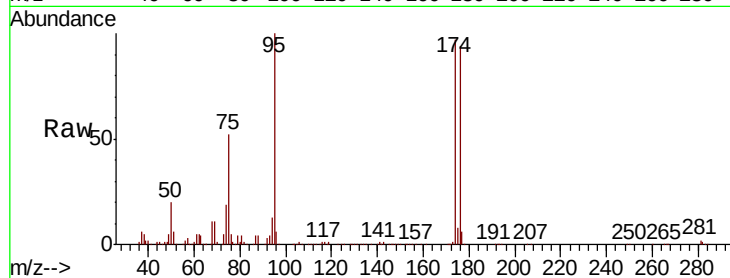
ClientSampleId :

Tot Ion: 75 Resp: 236102

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

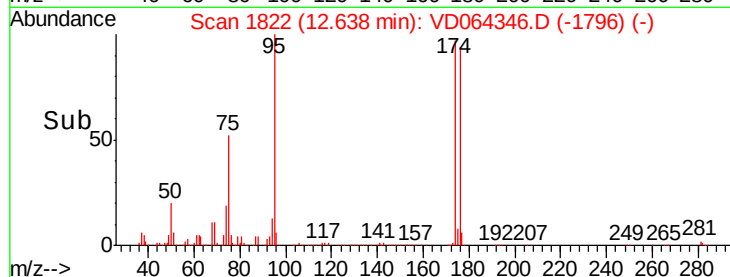
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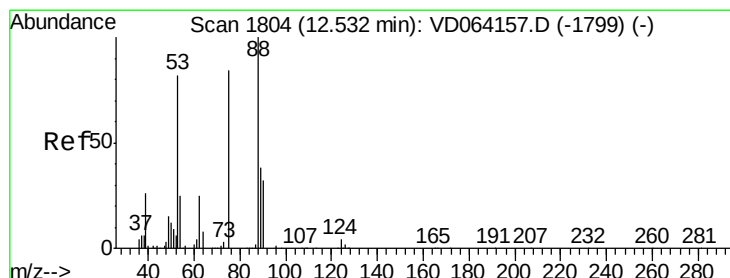
50000

0

12.55 12.60 12.65 12.70



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 119.010 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064346.D

Acq: 22 Nov 2019 14:36

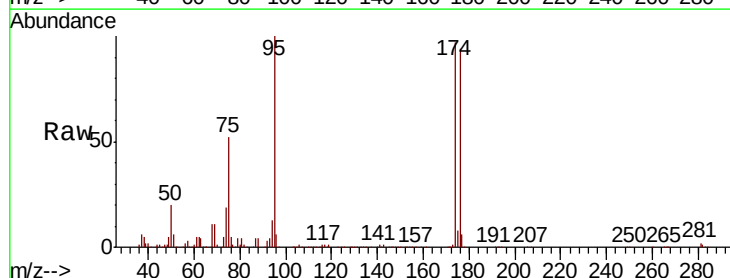
Tgt Ion: 75 Resp: 236102

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.0#

89 0.0 36.6 55.0#



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

200000

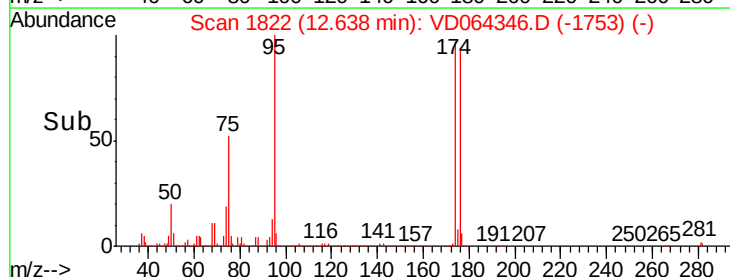
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50000

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12.55 12.60 12.65 12.70



Time-->