

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120419\
 Data File : VD064410.D
 Acq On : 04 Dec 2019 11:49
 Operator : VA/SY
 Sample : VD1204SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 05 03:47:54 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

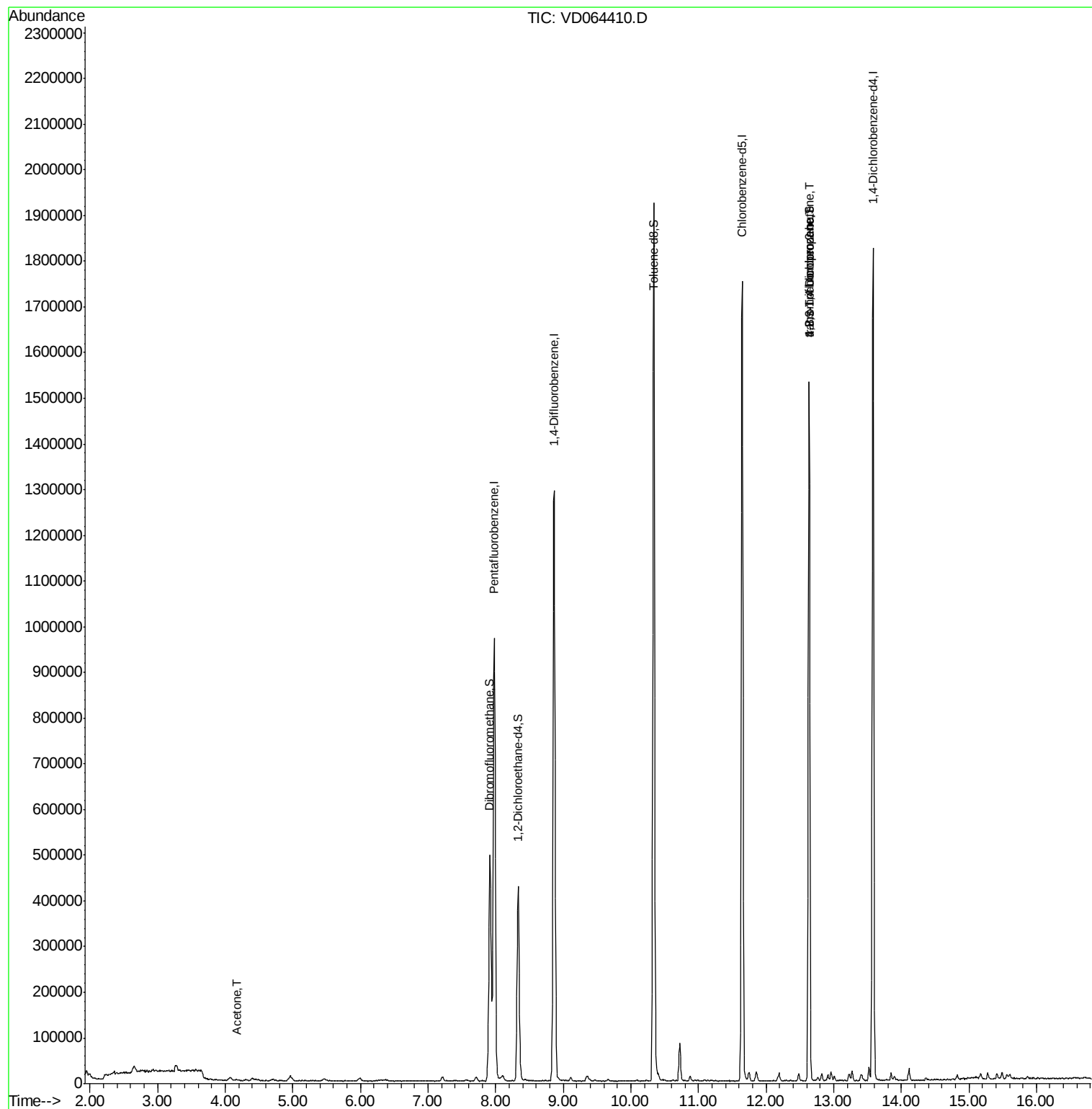
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	762118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1137985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1013341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	501172	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	338958	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
35) Dibromofluoromethane	7.91	113	345088	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
50) Toluene-d8	10.34	98	1318764	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
62) 4-Bromofluorobenzene	12.64	95	443936	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	3103	2.226	ug/l #	85
20) Methylene Chloride	4.97	84	7435	Below Cal		92
31) Cyclohexane	7.98	56	18367	Below Cal	#	32
76) 1,2,3-Trichloropropane	12.64	75	230927	56.030	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	230927	122.175	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.52	75	261	Below Cal	#	16

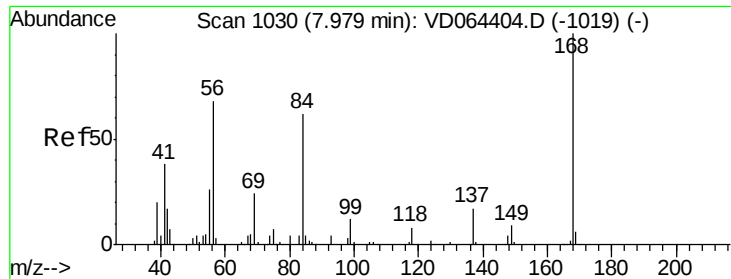
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120419\
Data File : VD064410.D
Acq On : 04 Dec 2019 11:49
Operator : VA/SY
Sample : VD1204SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Dec 05 03:47:54 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# 1030

Delta R.T. 0.00 min

Lab File: VD064410.D

Acq: 04 Dec 2019 11:49

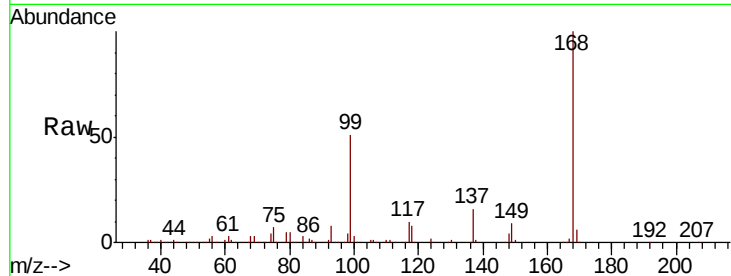
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 762118

Ion Ratio Lower Upper

168 100

99 51.2 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

400000

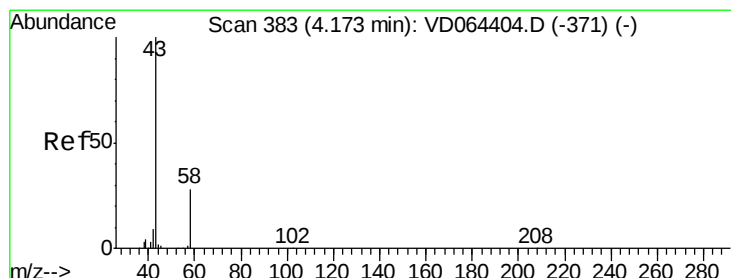
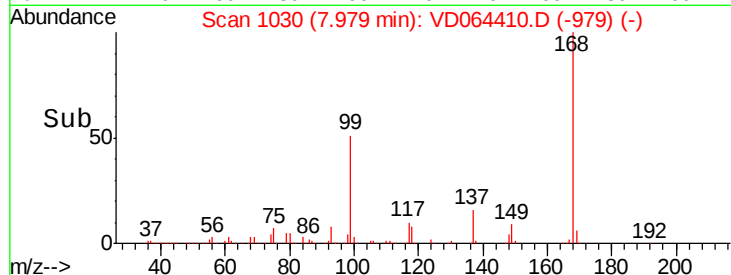
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 2.226 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.00 min

Lab File: VD064410.D

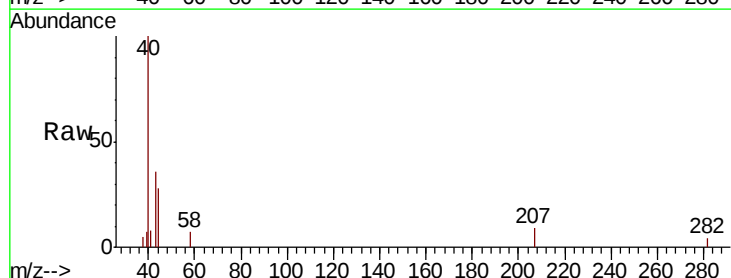
Acq: 04 Dec 2019 11:49

Tgt Ion: 43 Resp: 3103

Ion Ratio Lower Upper

43 100

58 20.3 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

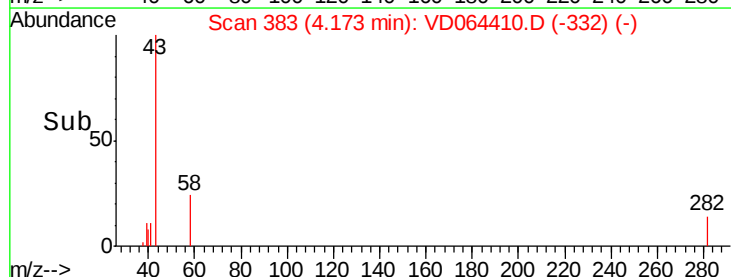
1500

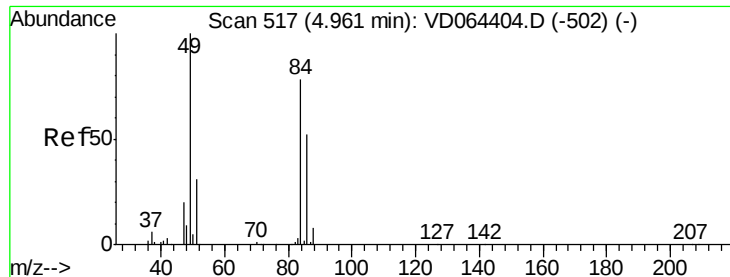
1000

500

0

Time-->

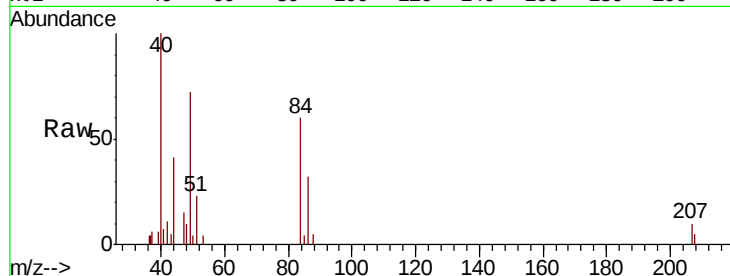




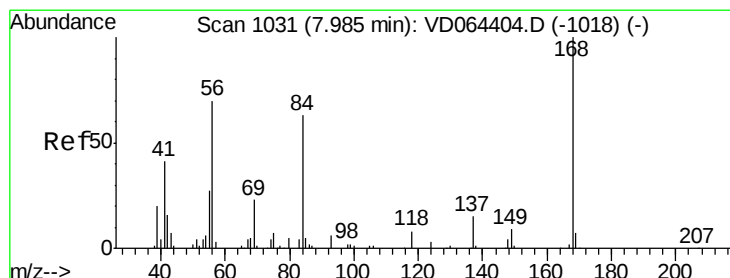
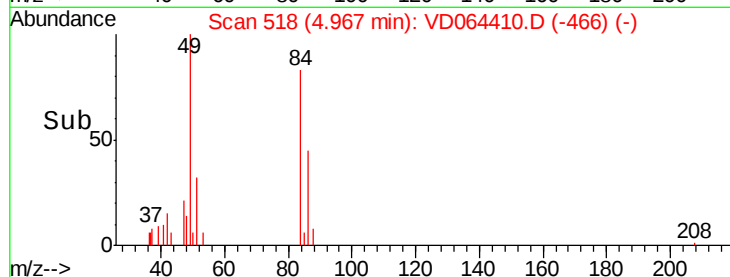
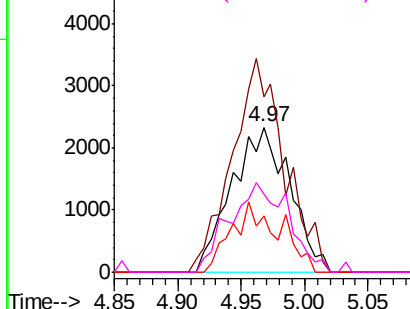
#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064410.D
Acq: 04 Dec 2019 11:49

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 84 Resp: 7435
Ion Ratio Lower Upper
84 100
49 120.8 102.6 153.8
51 38.4 32.0 48.0
86 53.9 53.4 80.0

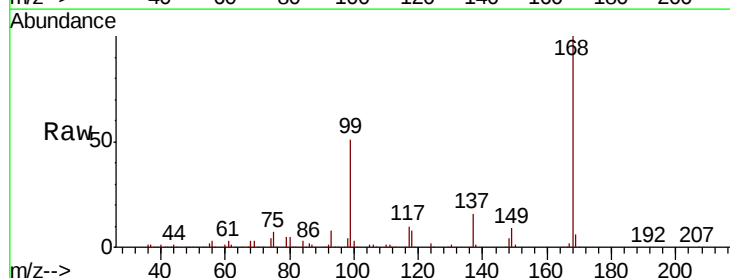


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

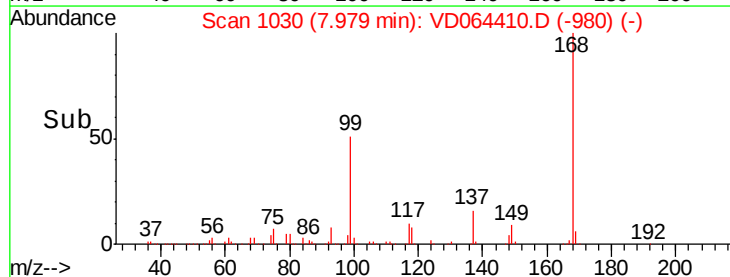
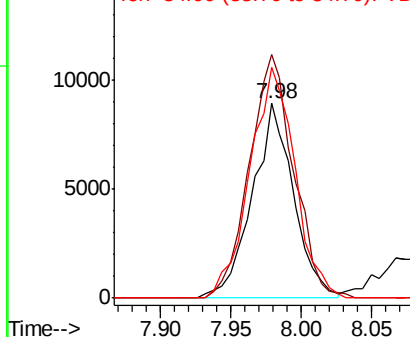


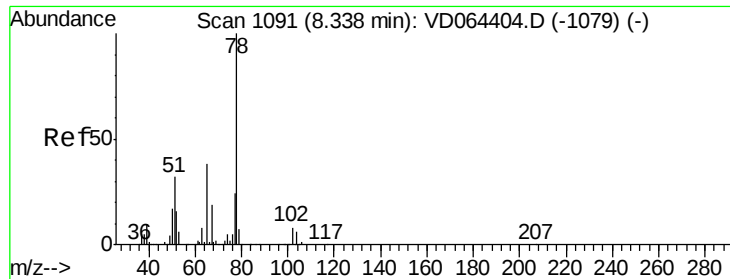
#31
Cyclohexane
Concen: Below Cal
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD064410.D
Acq: 04 Dec 2019 11:49

Tgt Ion: 56 Resp: 18367
Ion Ratio Lower Upper
56 100
69 125.2 26.2 39.4#
84 118.4 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: 49.137 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064410.D

Acq: 04 Dec 2019 11:49

Instrument :

MSVOA_D

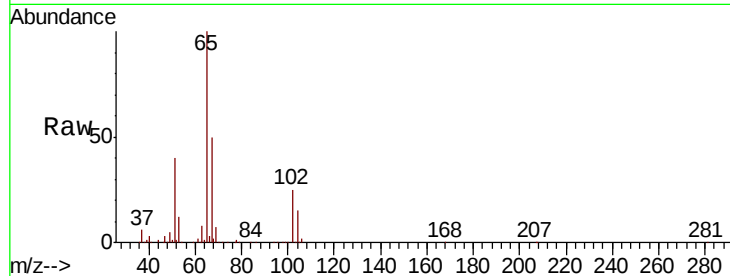
ClientSampleId :

Tot Ion: 65 Resp: 338958

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

150000

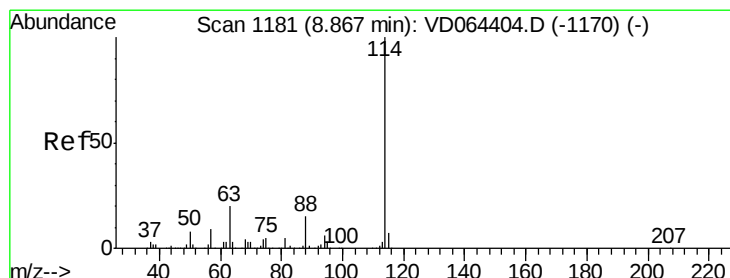
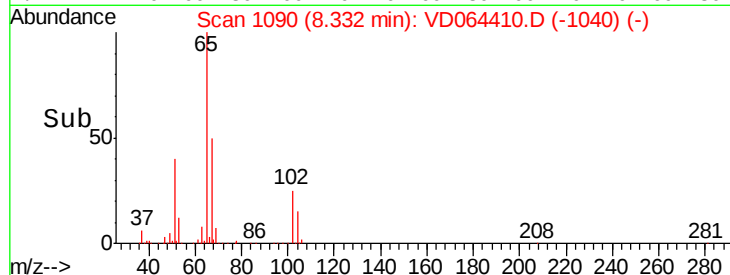
100000

50000

0

8.20 8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064410.D

Acq: 04 Dec 2019 11:49

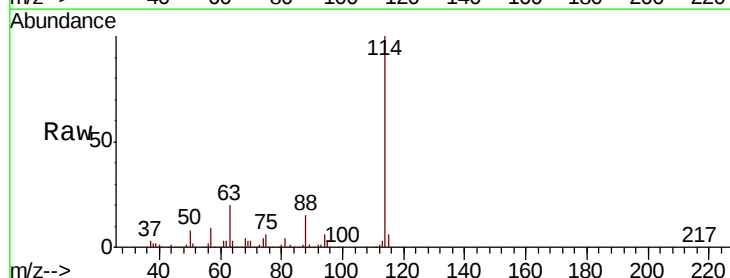
Tgt Ion:114 Resp: 1137985

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

88 14.9 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

600000

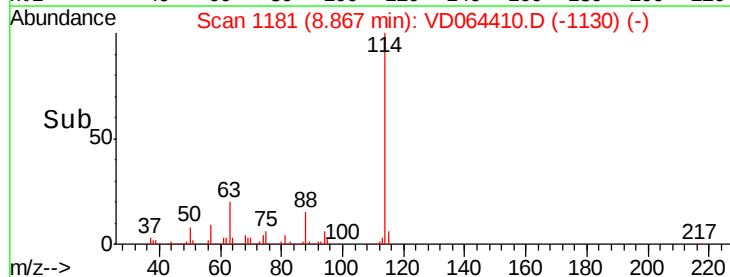
400000

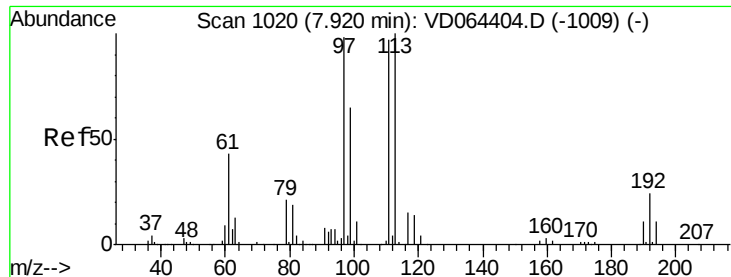
200000

0

8.80 8.90 9.00

Time-->





#35

Dibromofluoromethane

Concen: 48.130 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD064410.D

Acq: 04 Dec 2019 11:49

Instrument :
MSVOA_D
ClientSampleId :

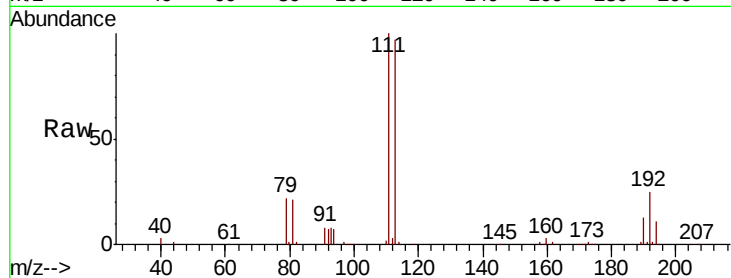
Tot Ion:113 Resp: 345088

Ion Ratio Lower Upper

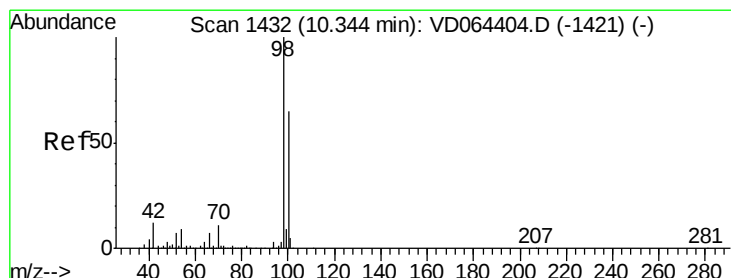
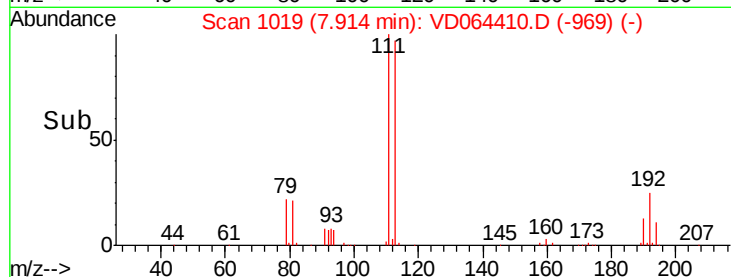
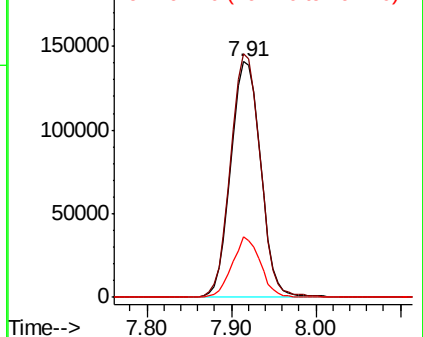
113 100

111 102.4 79.4 119.2

192 24.0 18.6 28.0



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: 48.828 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064410.D

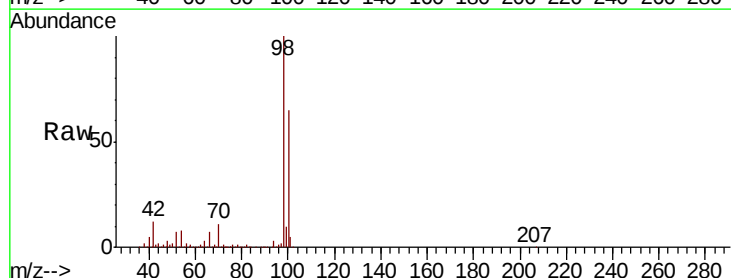
Acq: 04 Dec 2019 11:49

Tgt Ion: 98 Resp: 1318764

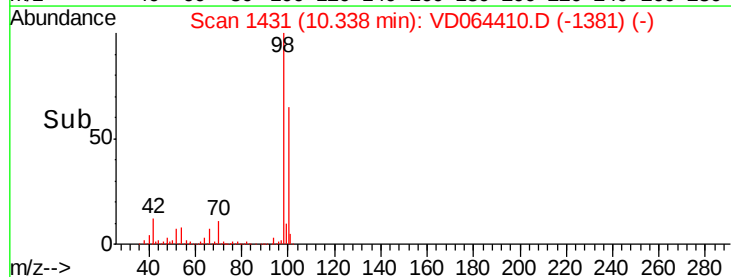
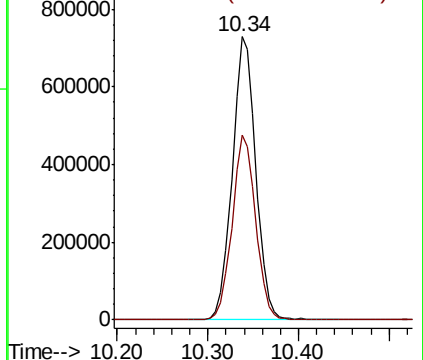
Ion Ratio Lower Upper

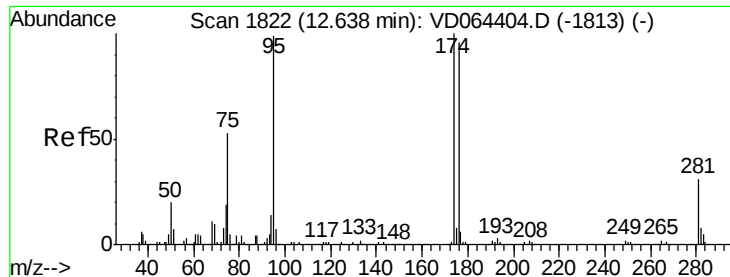
98 100

100 65.1 52.6 79.0



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

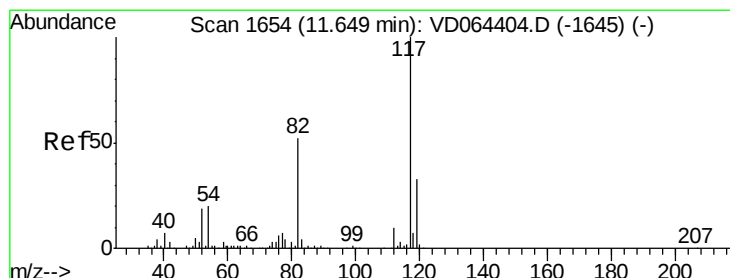
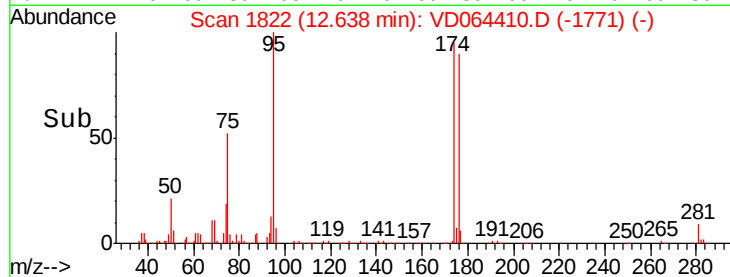
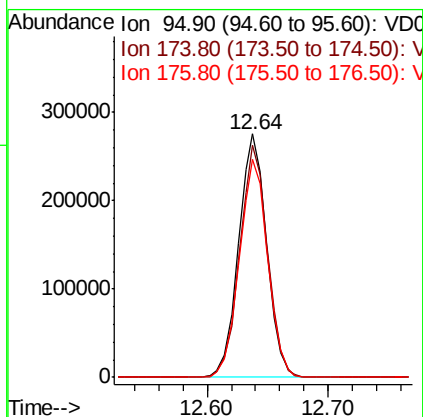
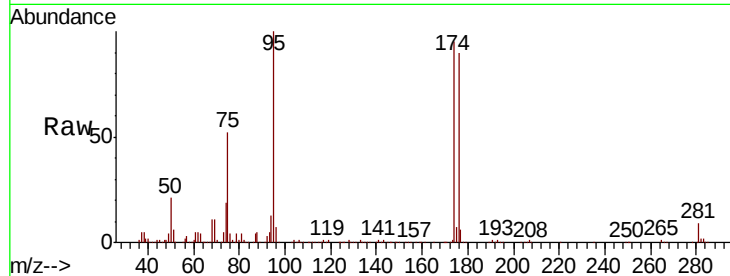




#62
4-Bromofluorobenzene
Concen: 51.147 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064410.D
Acq: 04 Dec 2019 11:49

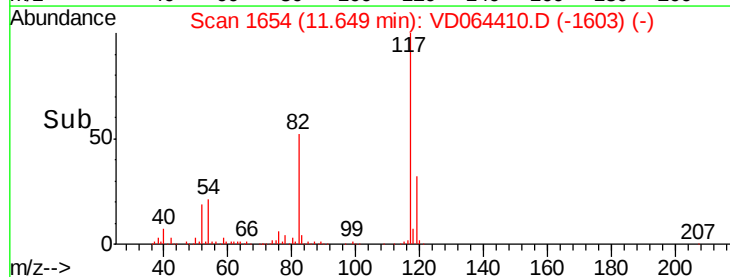
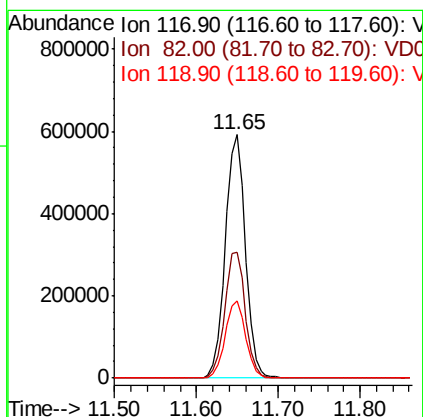
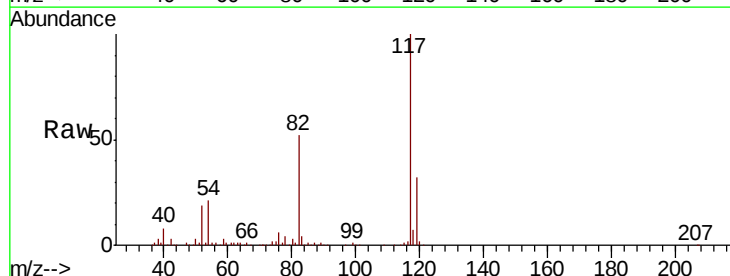
Instrument :
MSVOA_D
ClientSampleId :

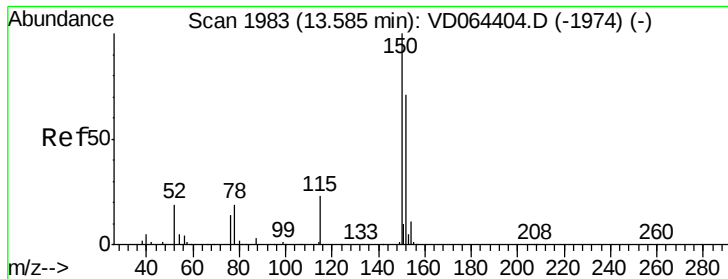
Tot Ion: 95 Resp: 443936
Ion Ratio Lower Upper
95 100
174 95.0 0.0 197.2
176 91.1 0.0 189.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064410.D
Acq: 04 Dec 2019 11:49

Tgt Ion: 117 Resp: 1013341
Ion Ratio Lower Upper
117 100
82 51.6 41.4 62.2
119 31.6 26.2 39.2



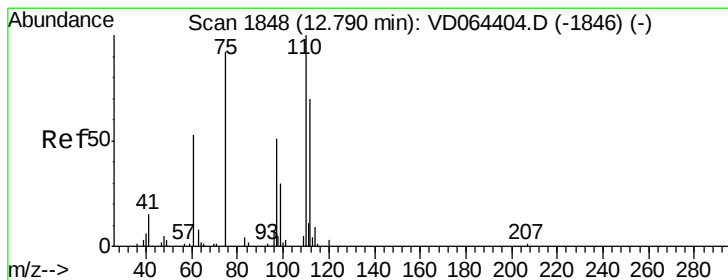
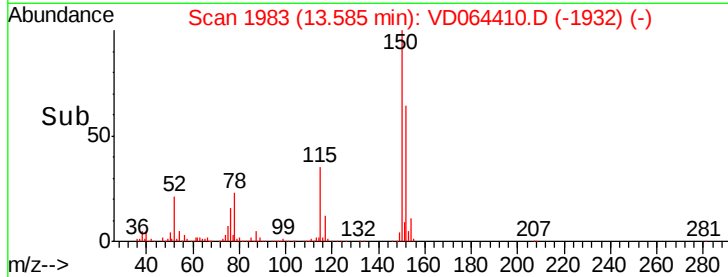
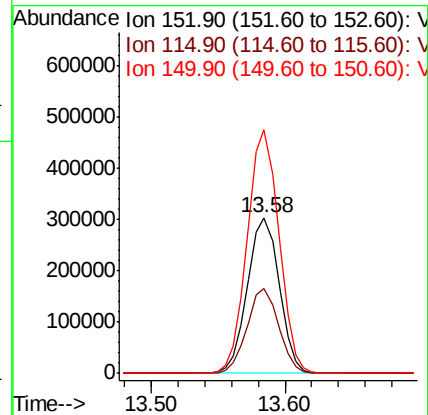
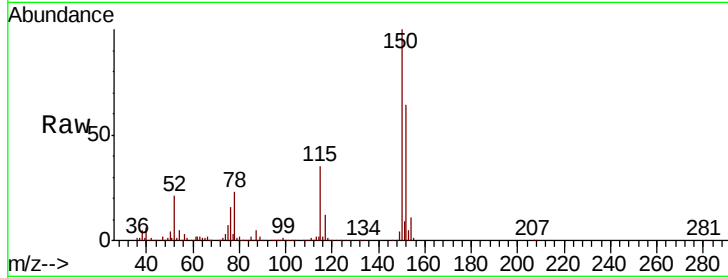


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064410.D
Acq: 04 Dec 2019 11:49

Instrument :
MSVOA_D
ClientSampleId :

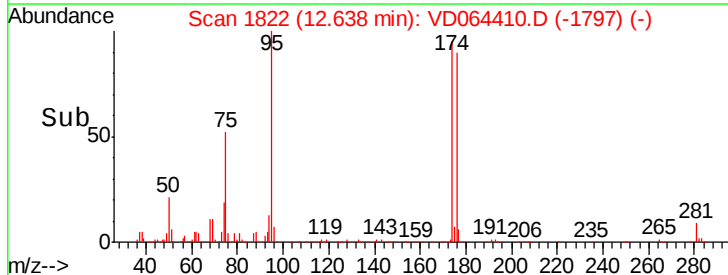
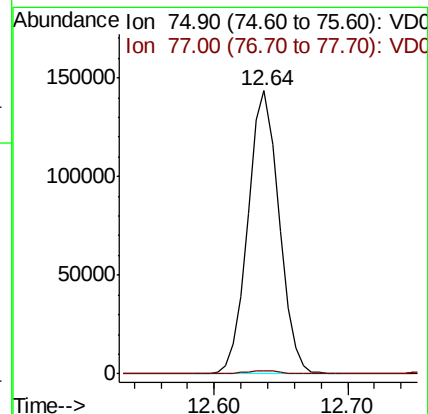
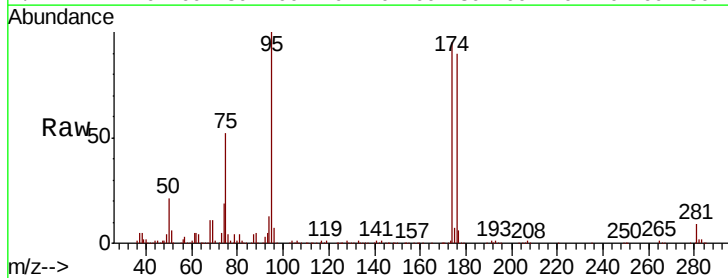
Tot Ion:152 Resp: 501172
Ion Ratio Lower Upper
152 100
115 54.0 26.7 80.1
150 155.5 0.0 347.2

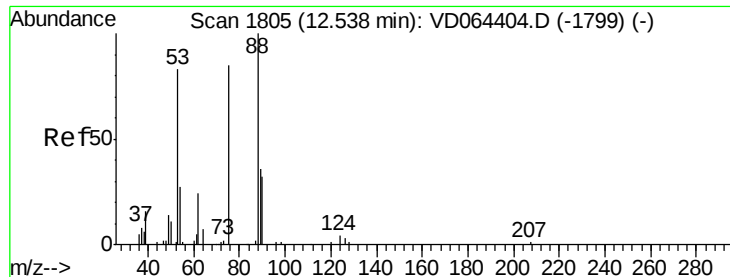


#76

1,2,3-Trichloropropane
Concen: 56.030 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD064410.D
Acq: 04 Dec 2019 11:49

Tgt Ion: 75 Resp: 230927
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 122.175 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD064410.D

Acq: 04 Dec 2019 11:49

Instrument :

MSVOA_D

ClientSampleId :

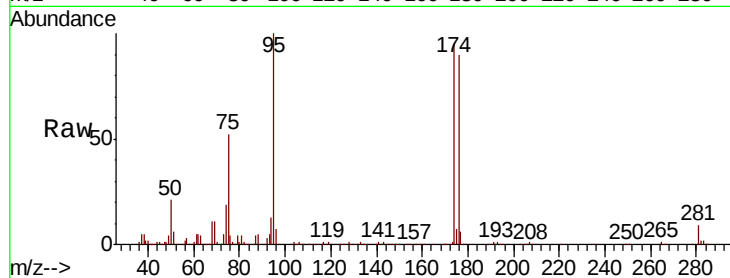
Tot Ion: 75 Resp: 230927

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.6#

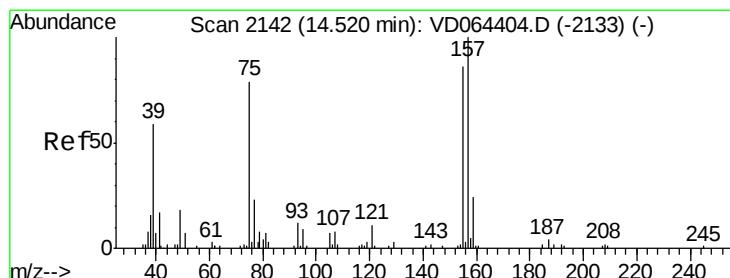
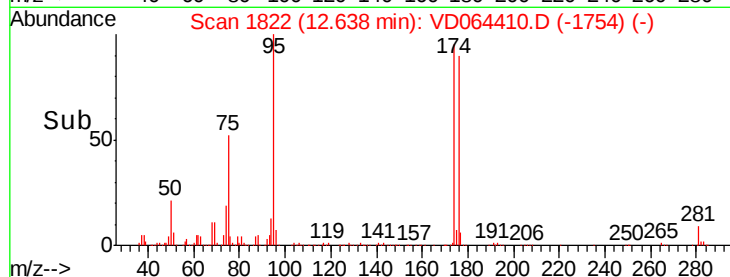
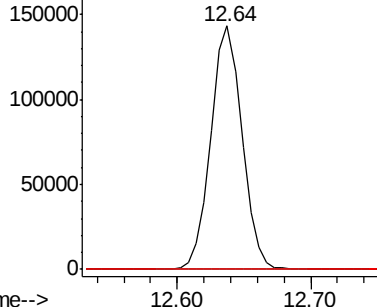
89 0.1 38.5 57.7#



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



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.52 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VD064410.D

Acq: 04 Dec 2019 11:49

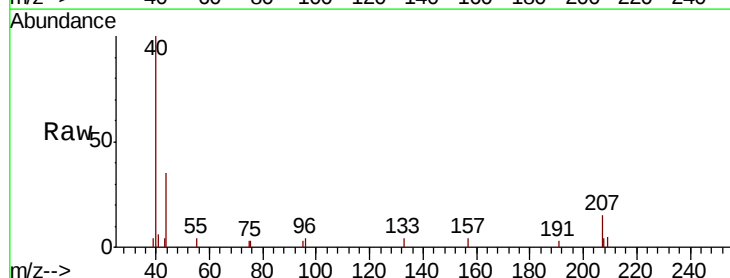
Tgt Ion: 75 Resp: 261

Ion Ratio Lower Upper

75 100

155 21.5 51.9 155.7#

157 26.8 63.2 189.8#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

