

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121619\
 Data File : VD064524.D
 Acq On : 16 Dec 2019 15:34
 Operator : VA/SY
 Sample : K6117-04RE
 Misc : 7.07G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-121319RE

Quant Time: Dec 17 03:22:57 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

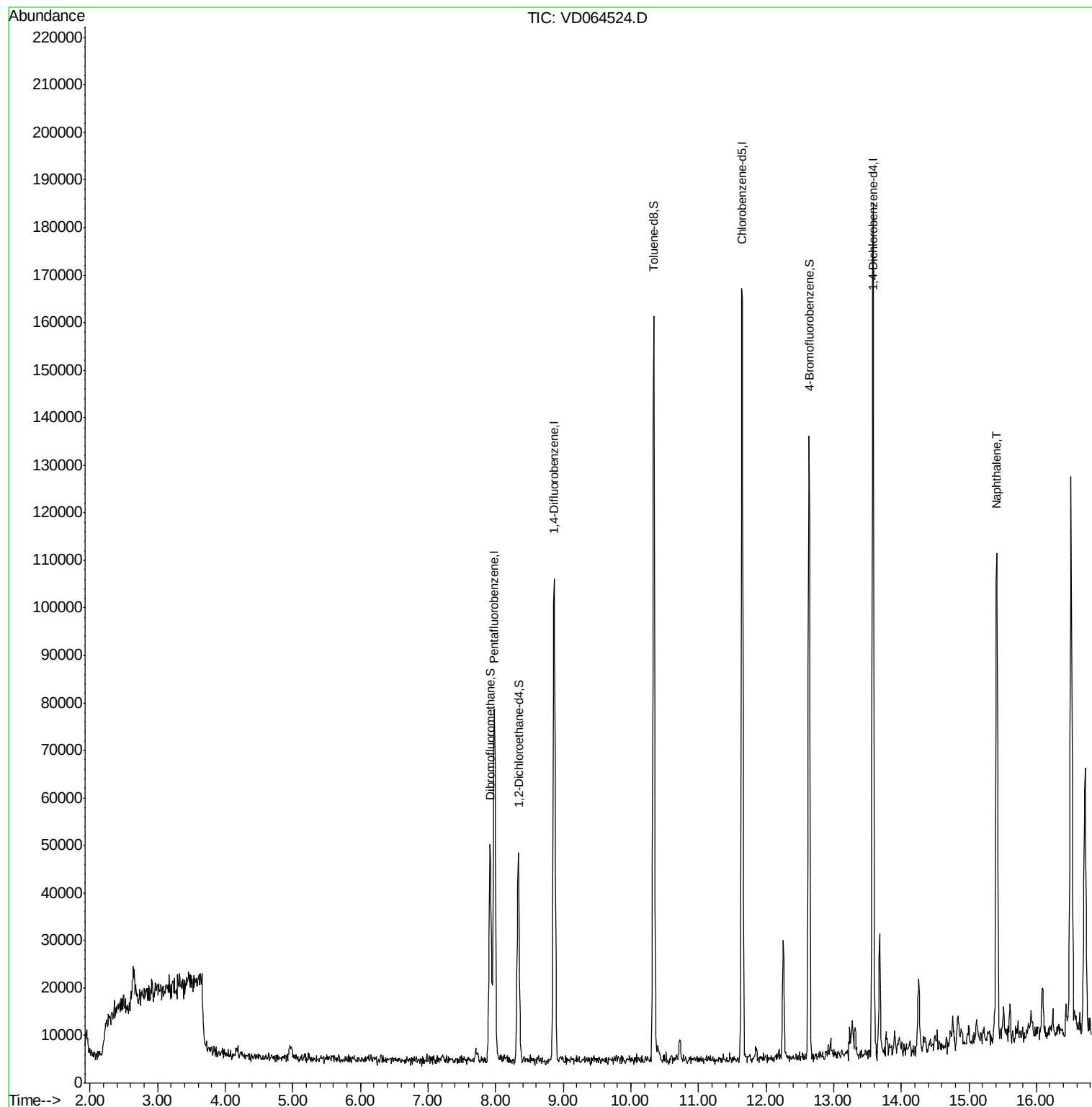
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	58097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	91439	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	93464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	49094	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	34014	64.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.36%	
35) Dibromofluoromethane	7.92	113	32121	55.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.50%	
50) Toluene-d8	10.34	98	110646	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.64	95	40736	58.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.82%	
Target Compounds						
95) Naphthalene	15.41	128	91901	50.840	ug/l	Qvalue 98

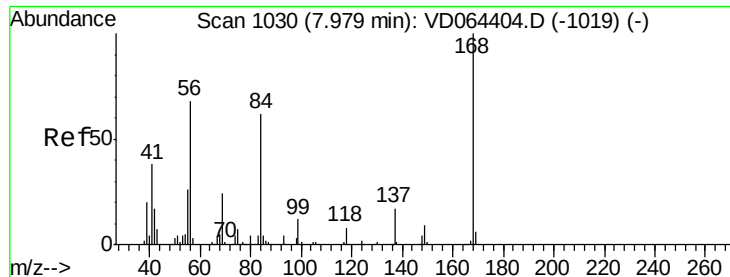
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064524.D

Acq: 16 Dec 2019 15:34

Instrument :

MSVOA_D

ClientSampleId :

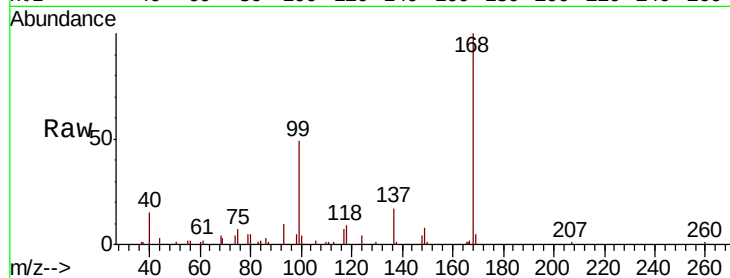
TR-05-121319RE

Tot Ion:168 Resp: 58097

Ion Ratio Lower Upper

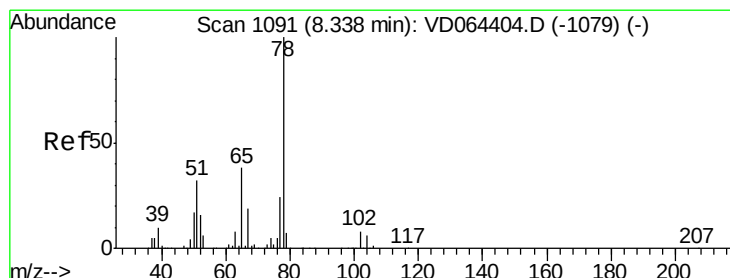
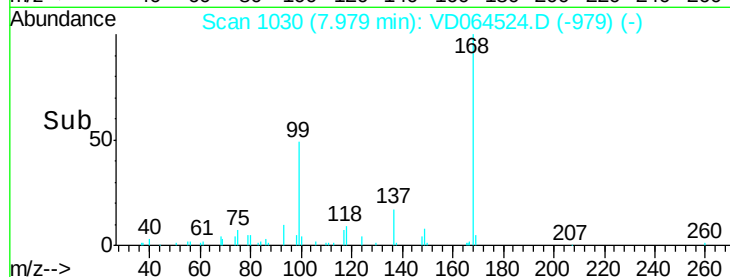
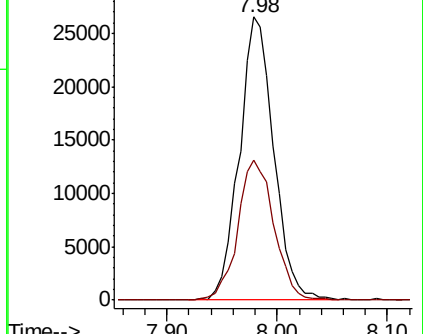
168 100

99 49.5 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 64.682 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064524.D

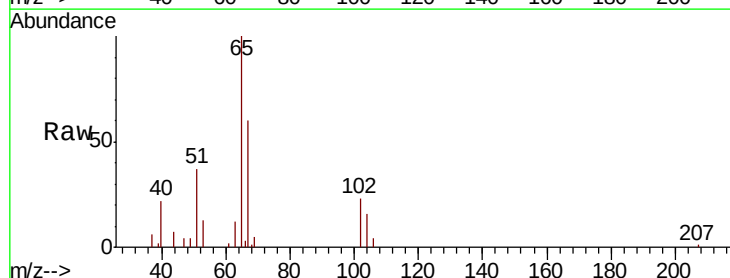
Acq: 16 Dec 2019 15:34

Tgt Ion: 65 Resp: 34014

Ion Ratio Lower Upper

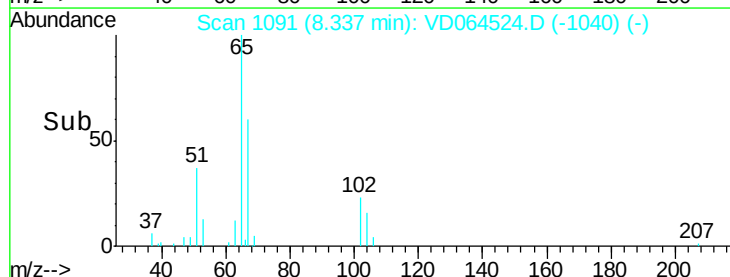
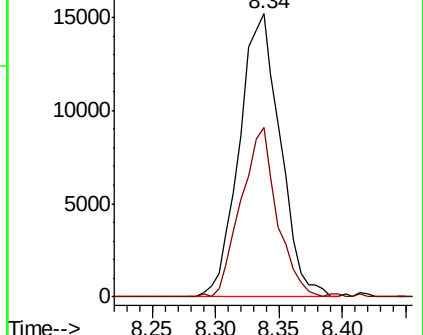
65 100

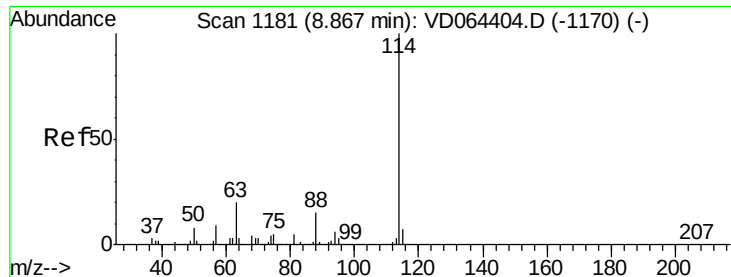
67 52.8 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

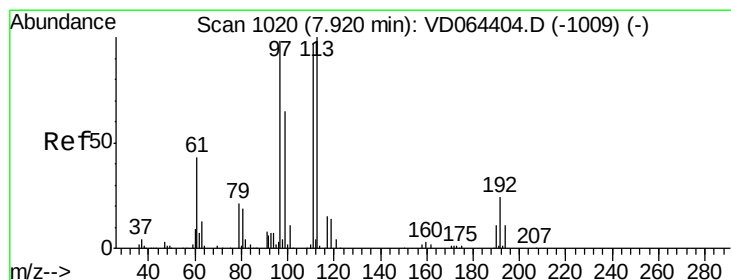
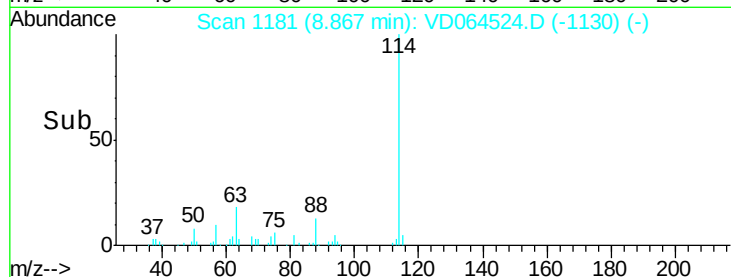
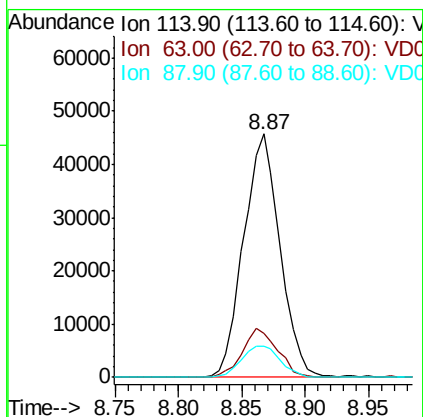
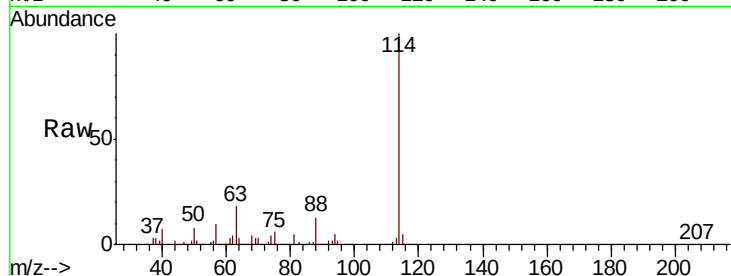




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064524.D
 Acq: 16 Dec 2019 15:34

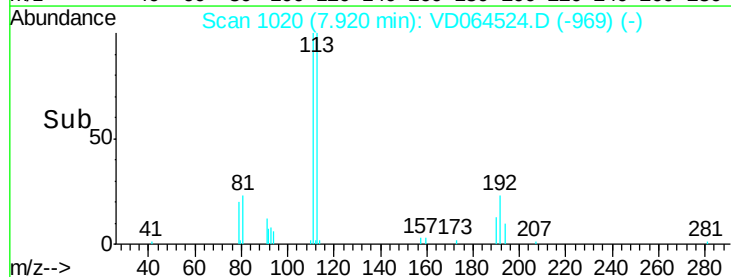
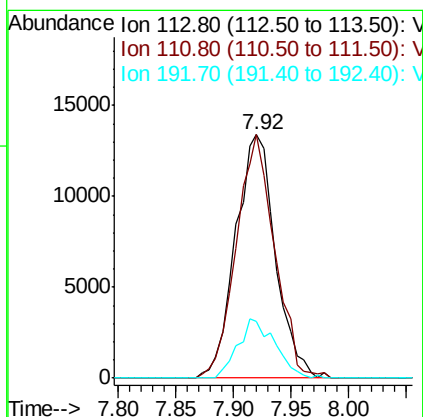
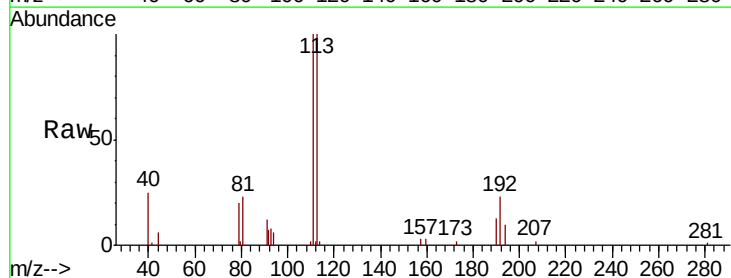
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-121319RE

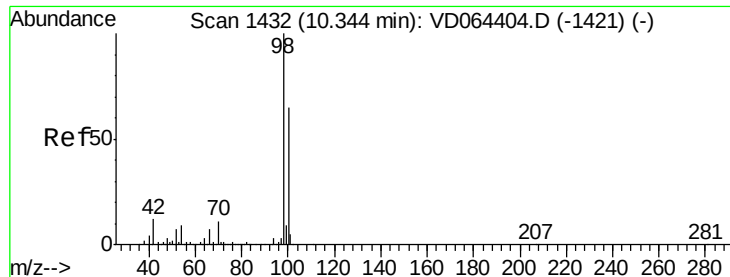
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	40.0
88	12.7	0.0	29.2



#35
 Dibromofluoromethane
 Concen: 55.755 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064524.D
 Acq: 16 Dec 2019 15:34

Tgt Ion	Ratio	Lower	Upper
113	100		
111	96.2	79.4	119.2
192	22.8	18.6	28.0

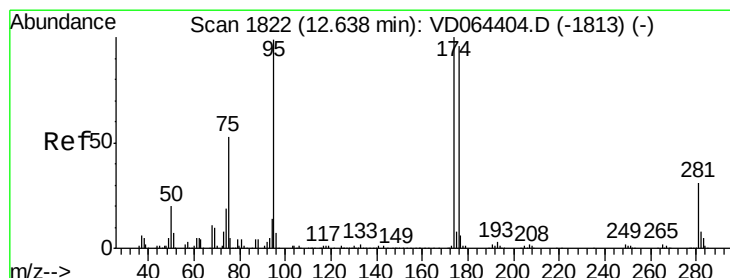
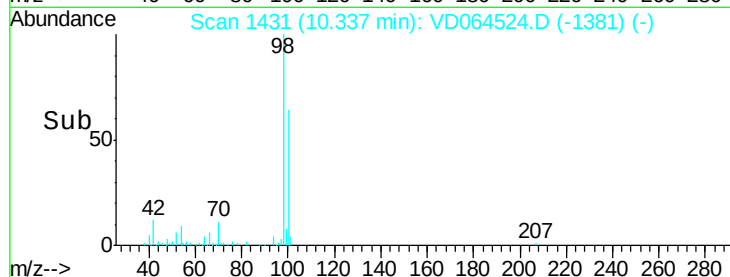
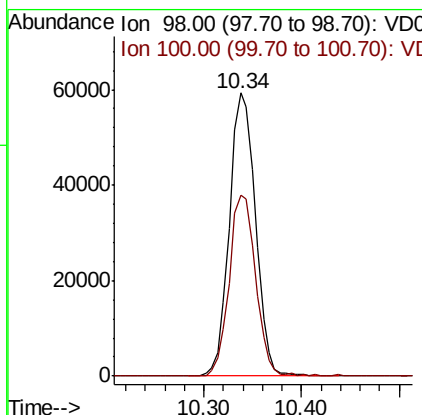
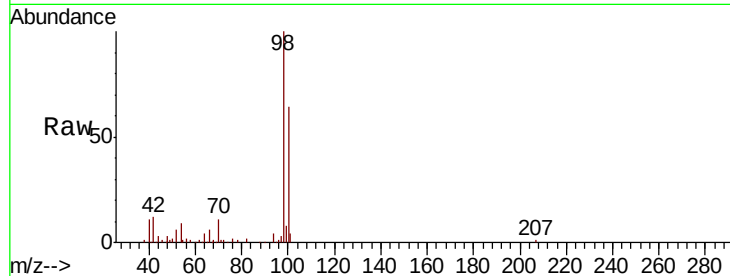




#50
Toluene-d8
Concen: 50.985 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064524.D
Acq: 16 Dec 2019 15:34

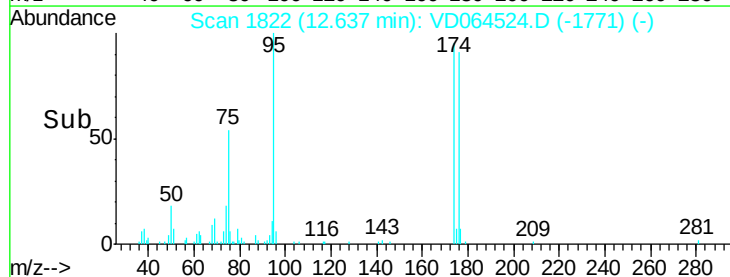
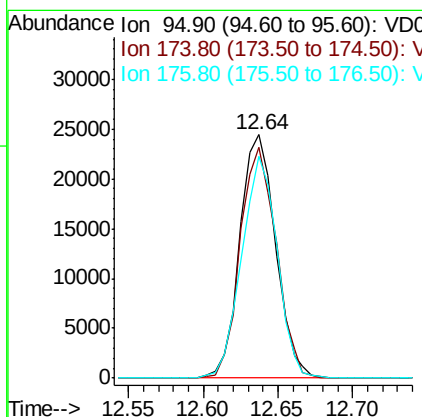
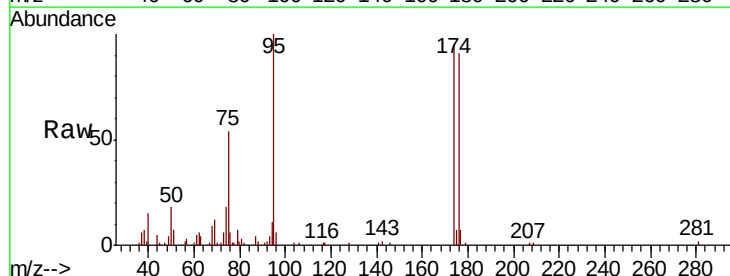
Instrument :
MSVOA_D
ClientSampleId :
TR-05-121319RE

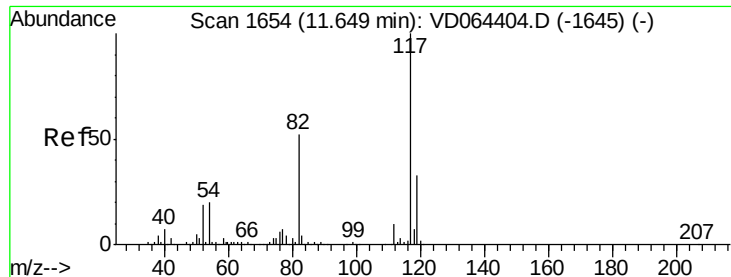
Tot Ion: 98 Resp: 110646
Ion Ratio Lower Upper
98 100
100 64.5 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 58.409 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064524.D
Acq: 16 Dec 2019 15:34

Tgt Ion: 95 Resp: 40736
Ion Ratio Lower Upper
95 100
174 95.3 0.0 197.2
176 89.7 0.0 189.6

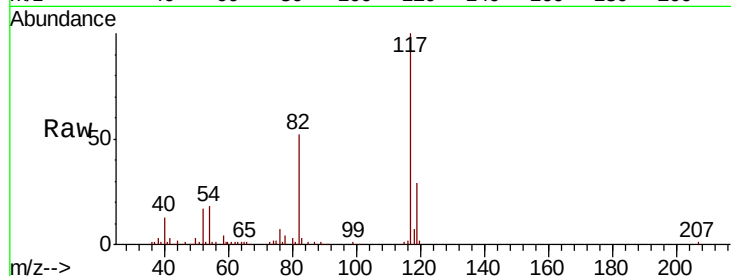




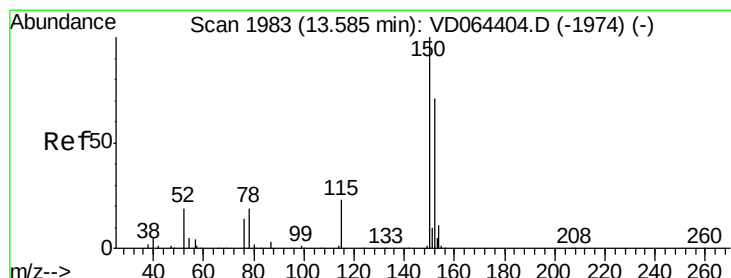
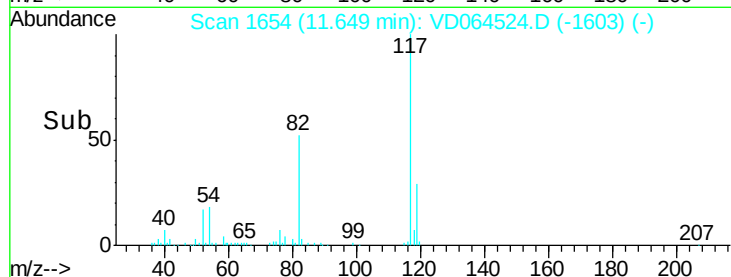
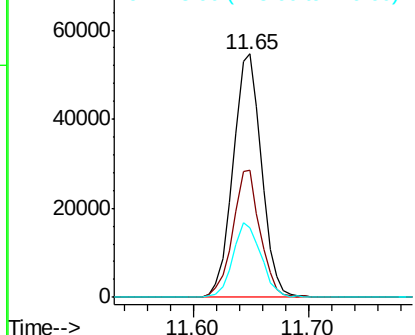
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064524.D
Acq: 16 Dec 2019 15:34

Instrument :
MSVOA_D
ClientSampleId :
TR-05-121319RE

Tot Ion:117 Resp: 93464
Ion Ratio Lower Upper
117 100
82 52.0 41.4 62.2
119 28.6 26.2 39.2

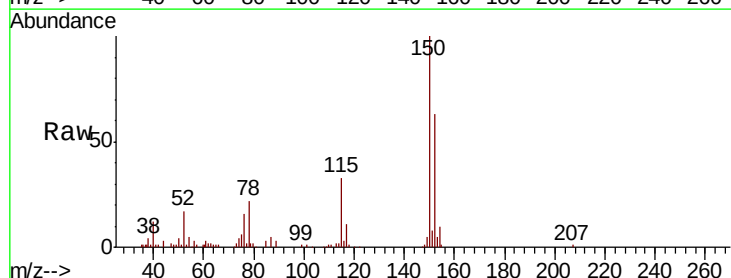


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

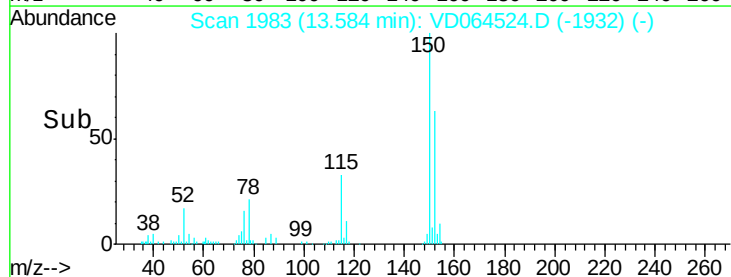
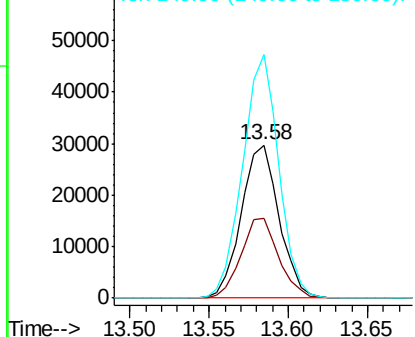


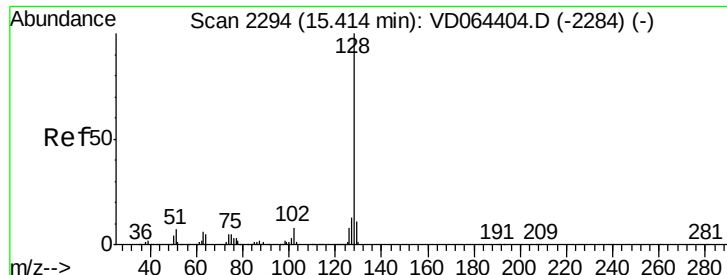
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064524.D
Acq: 16 Dec 2019 15:34

Tgt Ion:152 Resp: 49094
Ion Ratio Lower Upper
152 100
115 51.8 26.7 80.1
150 153.0 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





#95

Naphthalene

Concen: 50.840 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. -0.00 min

Lab File: VD064524.D

Acq: 16 Dec 2019 15:34

Instrument :

MSVOA_D

ClientSampleId :

TR-05-121319RE

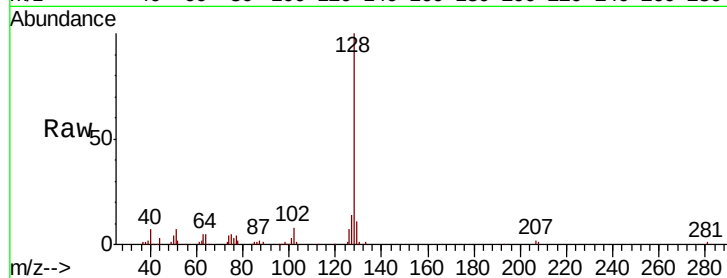
Tot Ion:128 Resp: 91901

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

129 12.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

