

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121619\
 Data File : VD064530.D
 Acq On : 16 Dec 2019 18:27
 Operator : VA/SY
 Sample : K6299-05
 Misc : 4.73G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SHORE-RD-BH-02B

Quant Time: Dec 17 04:06:18 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

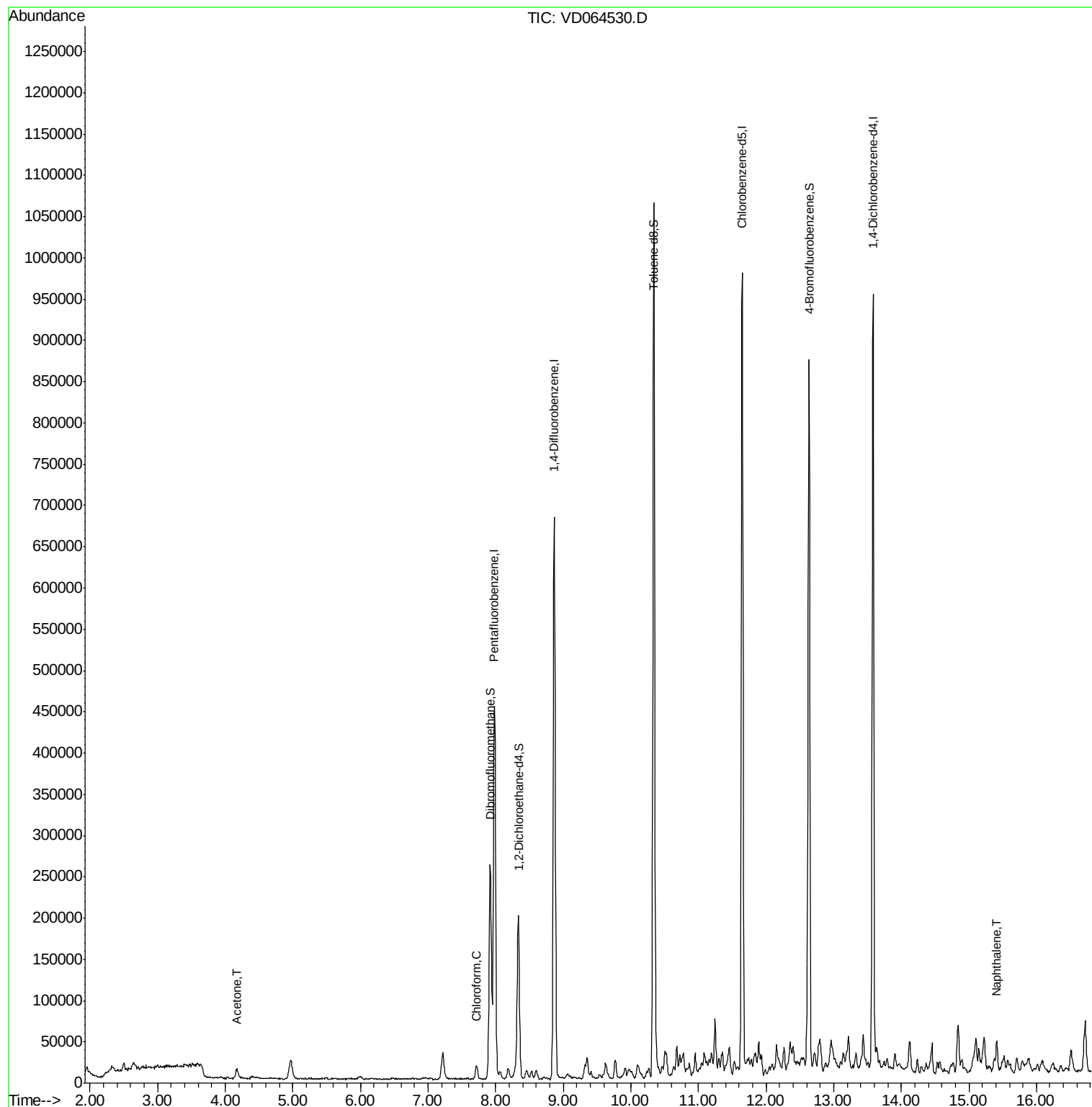
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	372594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	595111	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	567057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	258889	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	162375	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
35) Dibromofluoromethane	7.92	113	180509	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
50) Toluene-d8	10.34	98	715498	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
62) 4-Bromofluorobenzene	12.64	95	242207	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.72%	
Target Compounds						
16) Acetone	4.17	43	19914	29.220	ug/l #	83
30) Chloroform	7.71	83	15196	2.358	ug/l	95
95) Naphthalene	15.41	128	28967	3.039	ug/l	96

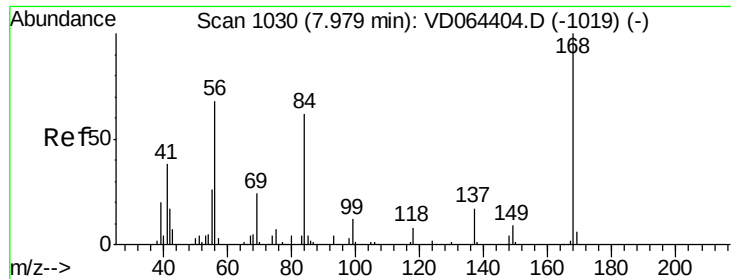
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064530.D

Acq: 16 Dec 2019 18:27

Instrument :

MSVOA_D

ClientSampleId :

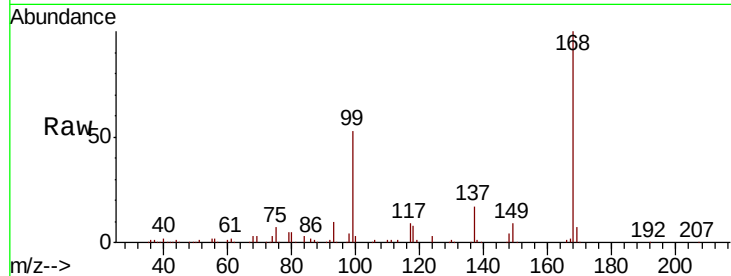
SHORE-RD-BH-02B

Tot Ion:168 Resp: 372594

Ion Ratio Lower Upper

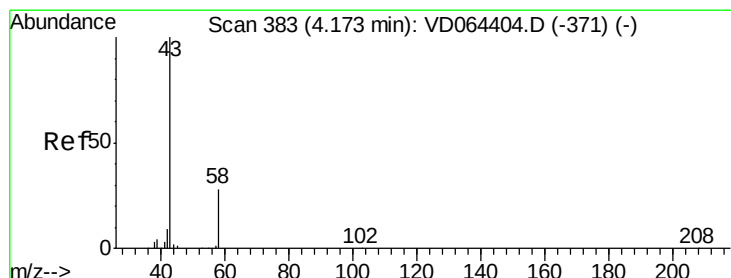
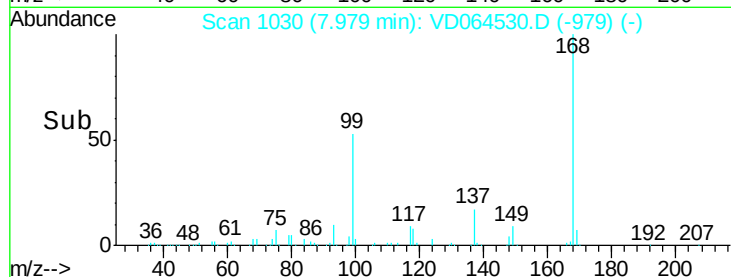
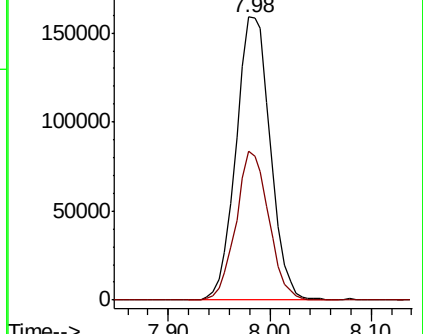
168 100

99 52.8 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 29.220 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.00 min

Lab File: VD064530.D

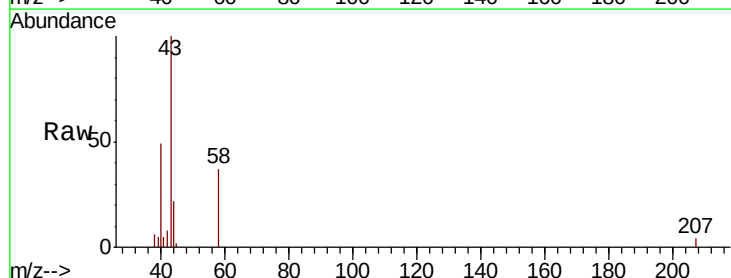
Acq: 16 Dec 2019 18:27

Tgt Ion: 43 Resp: 19914

Ion Ratio Lower Upper

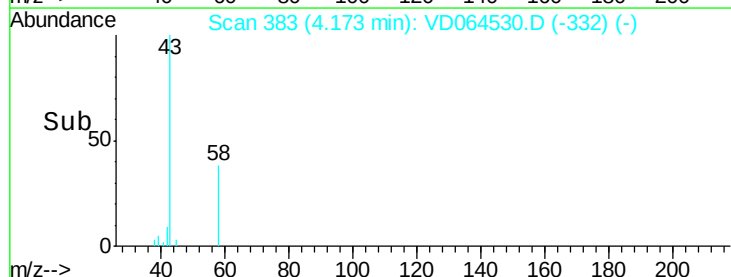
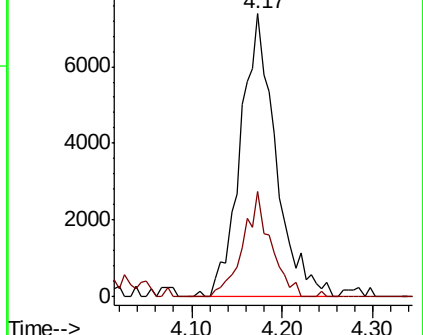
43 100

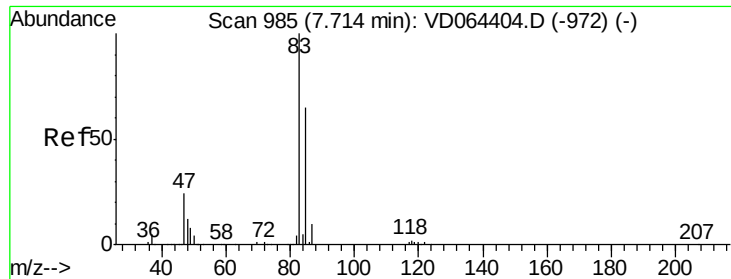
58 37.4 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

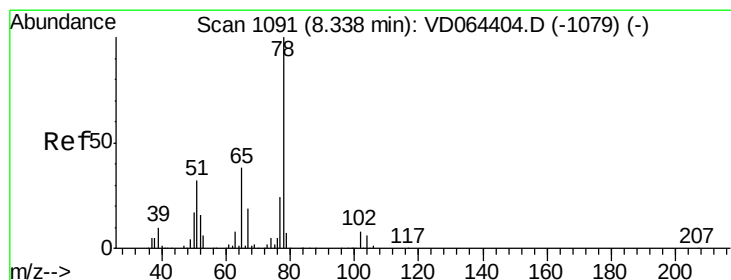
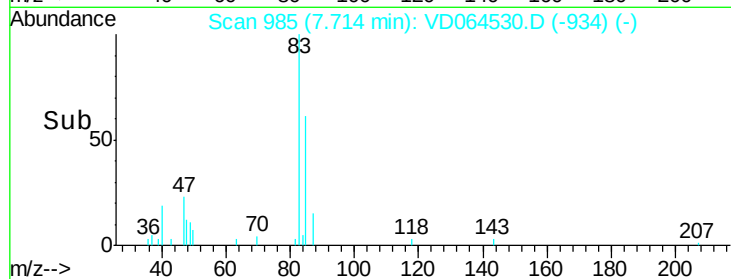
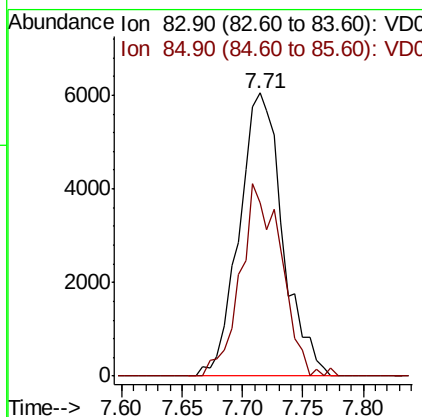
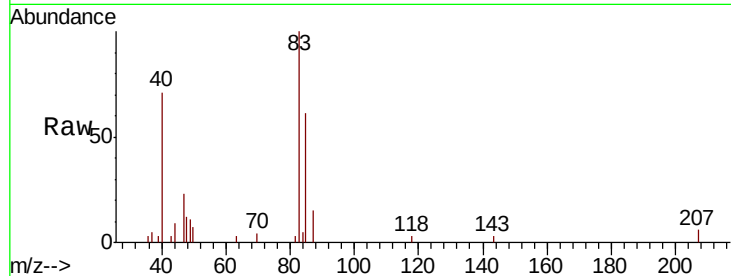




#30
Chloroform
Concen: 2.358 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064530.D
Acq: 16 Dec 2019 18:27

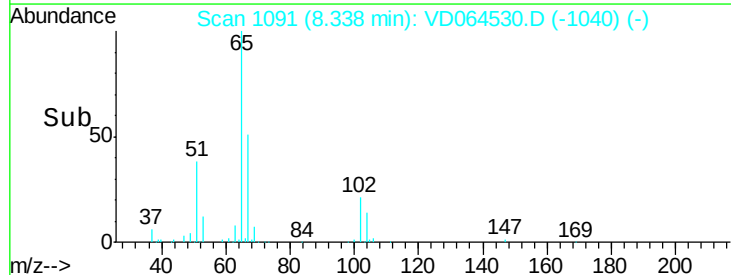
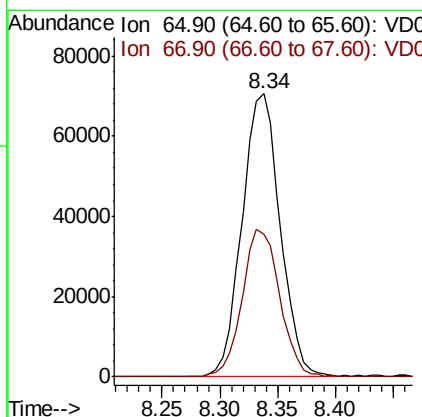
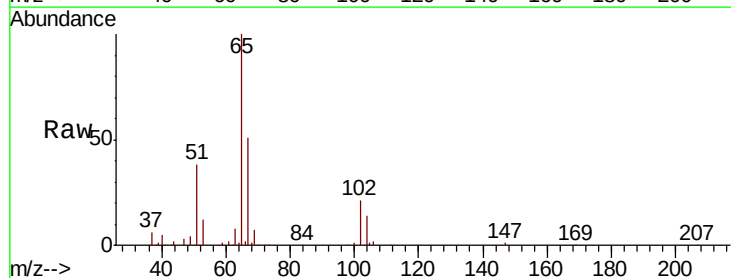
Instrument :
MSVOA_D
ClientSampleId :
SHORE-RD-BH-02B

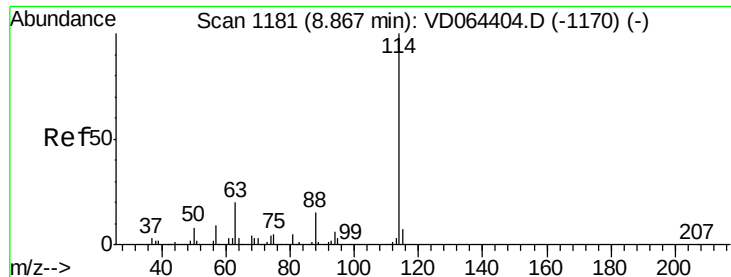
Tot Ion: 83 Resp: 15196
Ion Ratio Lower Upper
83 100
85 61.1 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 48.146 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD064530.D
Acq: 16 Dec 2019 18:27

Tgt Ion: 65 Resp: 162375
Ion Ratio Lower Upper
65 100
67 51.5 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: VD064530.D

Acq: 16 Dec 2019 18:27

Instrument :

MSVOA_D

ClientSampleId :

SHORE-RD-BH-02B

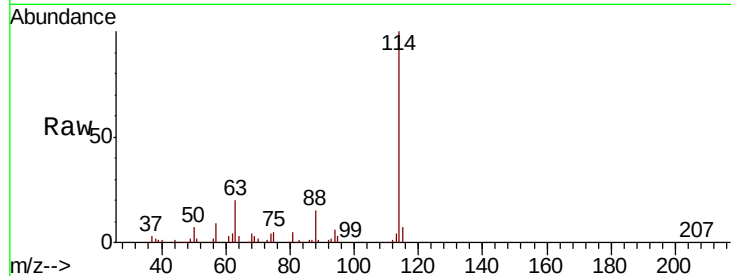
Tot Ion:114 Resp: 595111

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

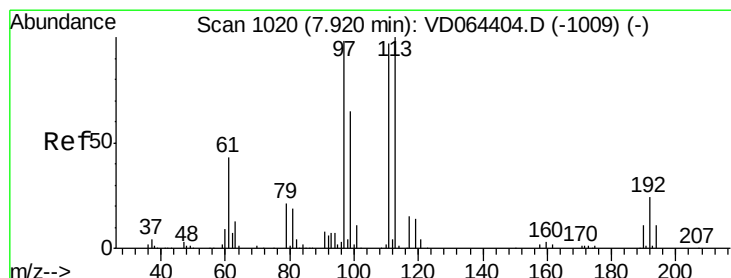
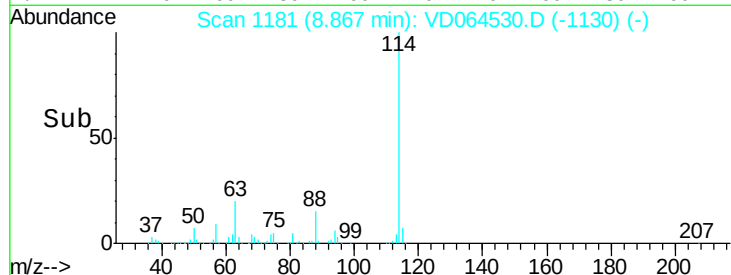
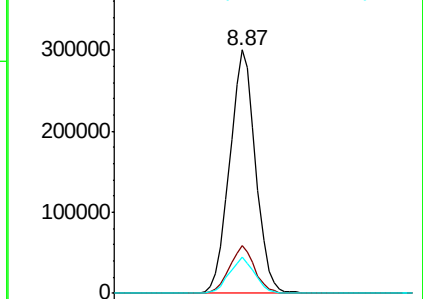
88 15.1 0.0 29.2



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: 48.142 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064530.D

Acq: 16 Dec 2019 18:27

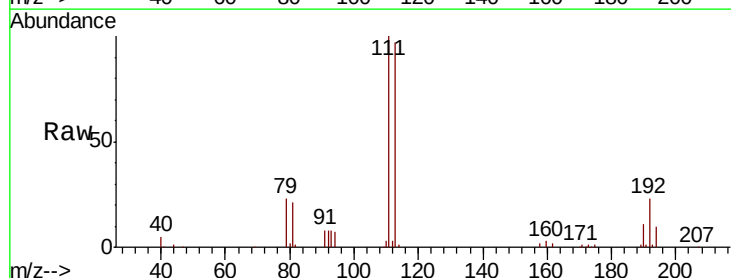
Tgt Ion:113 Resp: 180509

Ion Ratio Lower Upper

113 100

111 101.4 79.4 119.2

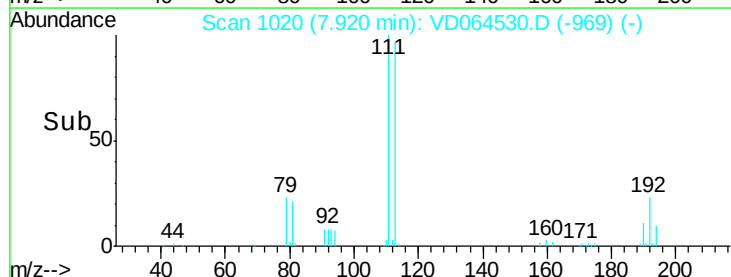
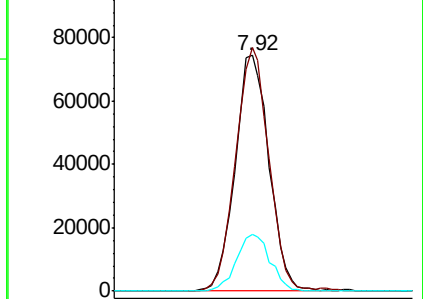
192 23.9 18.6 28.0

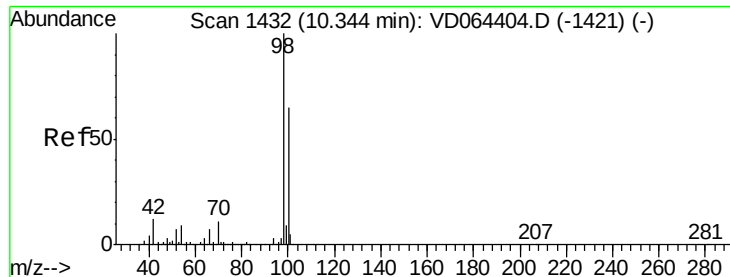


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.659 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064530.D

Acq: 16 Dec 2019 18:27

Instrument :

MSVOA_D

ClientSampleId :

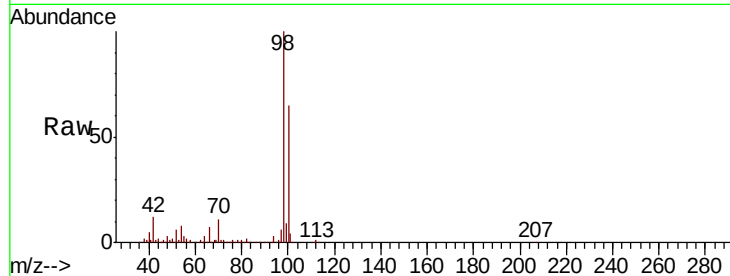
SHORE-RD-BH-02B

Tot Ion: 98 Resp: 715498

Ion Ratio Lower Upper

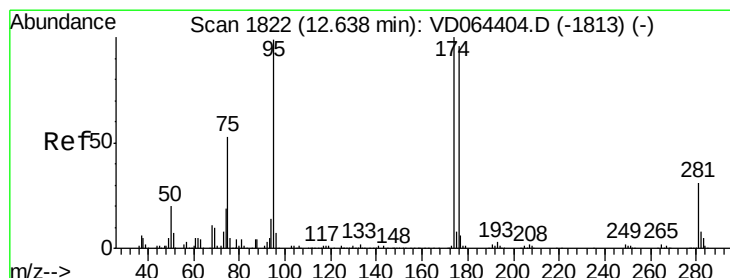
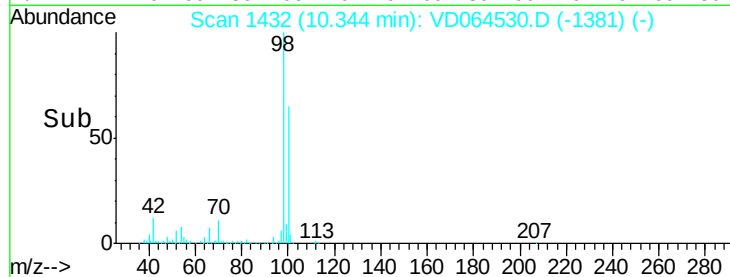
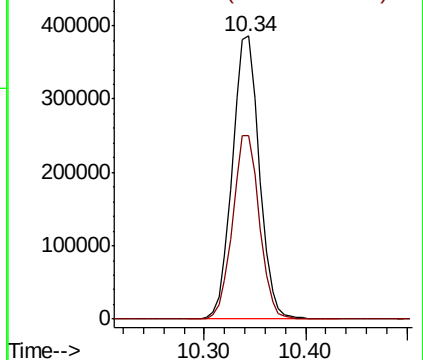
98 100

100 64.2 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 53.361 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064530.D

Acq: 16 Dec 2019 18:27

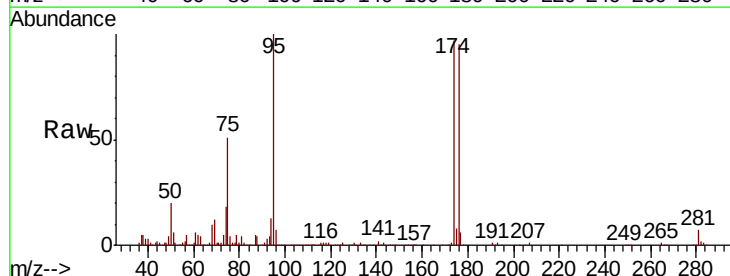
Tgt Ion: 95 Resp: 242207

Ion Ratio Lower Upper

95 100

174 97.4 0.0 197.2

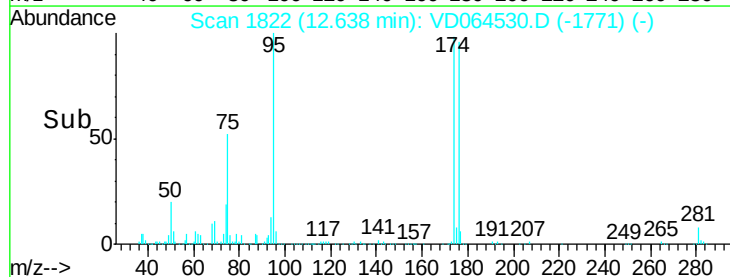
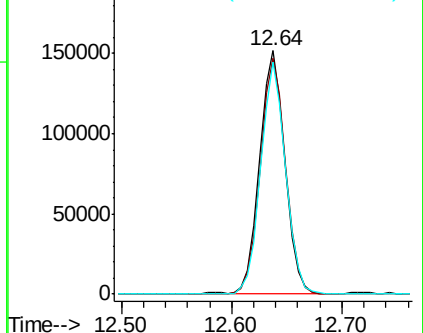
176 94.0 0.0 189.6

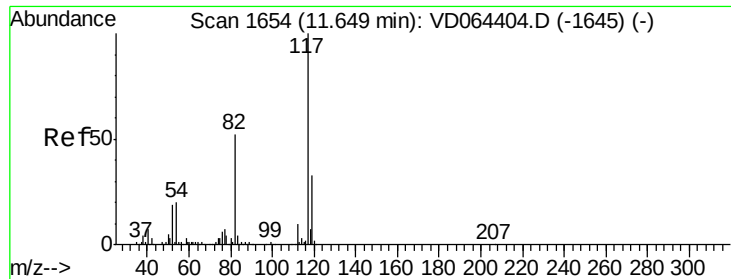


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

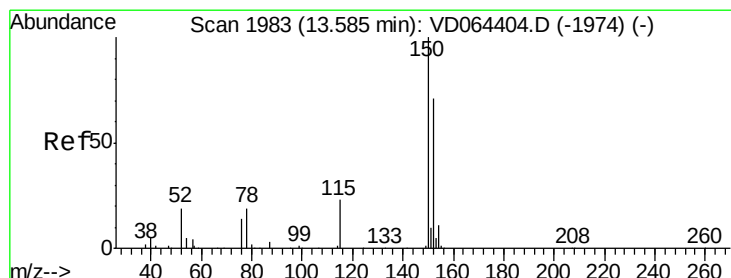
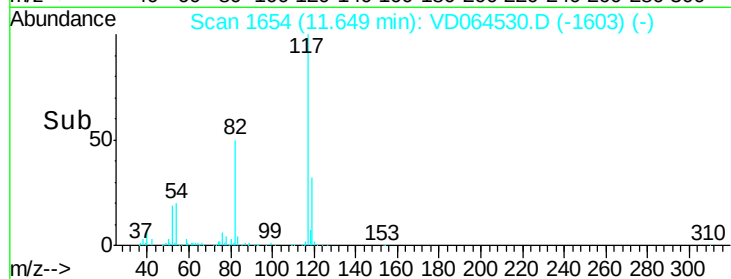
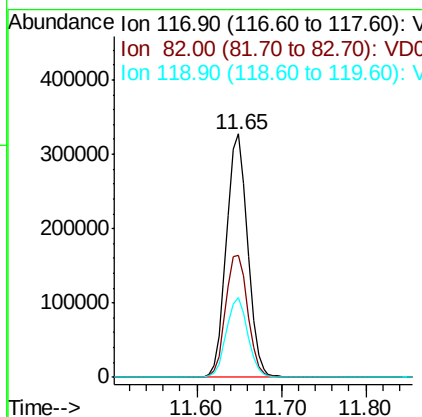
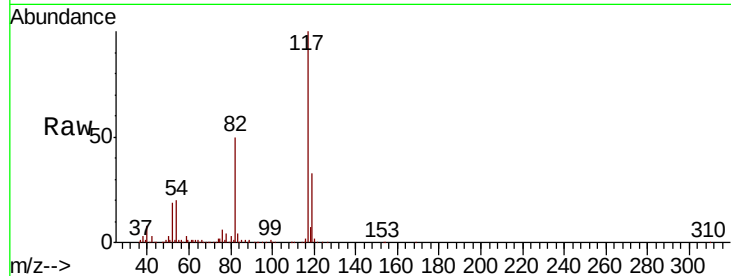




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064530.D
Acq: 16 Dec 2019 18:27

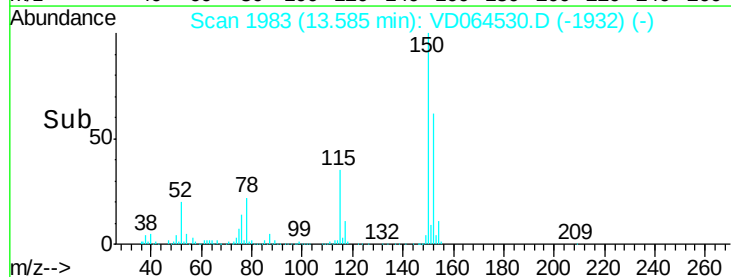
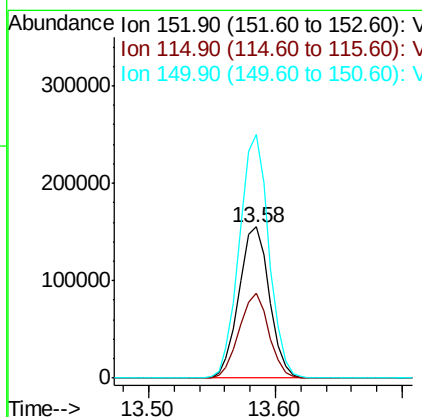
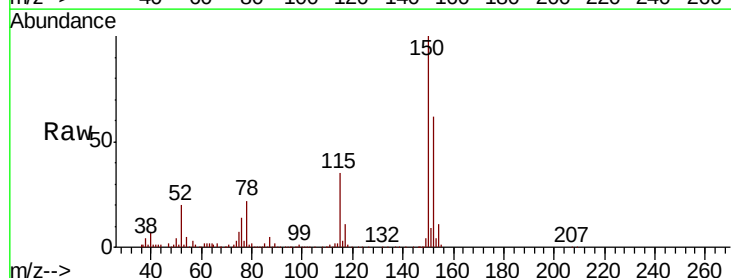
Instrument :
MSVOA_D
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SHORE-RD-BH-02B

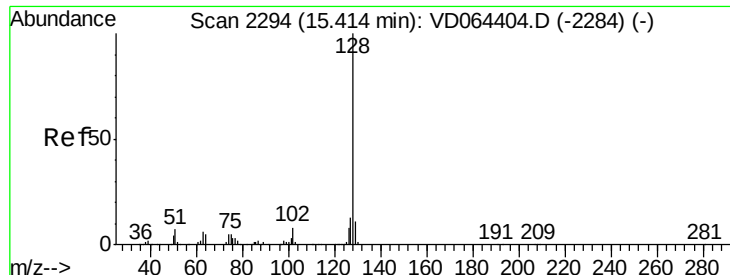
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.2	41.4	62.2
119	32.8	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064530.D
Acq: 16 Dec 2019 18:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	26.7	80.1
150	156.1	0.0	347.2

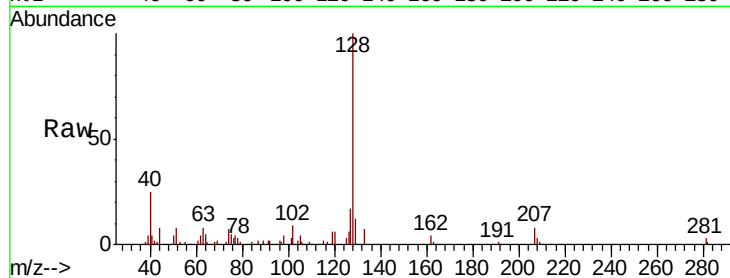




#95
Naphthalene
Concen: 3.039 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD064530.D
Acq: 16 Dec 2019 18:27

Instrument :
MSVOA_D
ClientSampleId :
SHORE-RD-BH-02B

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.5	15.7
129	12.6	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

