

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122718\
 Data File : VD060735.D
 Acq On : 27 Dec 2018 19:18
 Operator : VA/AP
 Sample : J6447-03RE
 Misc : 3.70µl/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P001-SS024-0612-01RE

Quant Time: Dec 28 02:59:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 17:37:47 2018
 Response via : Initial Calibration

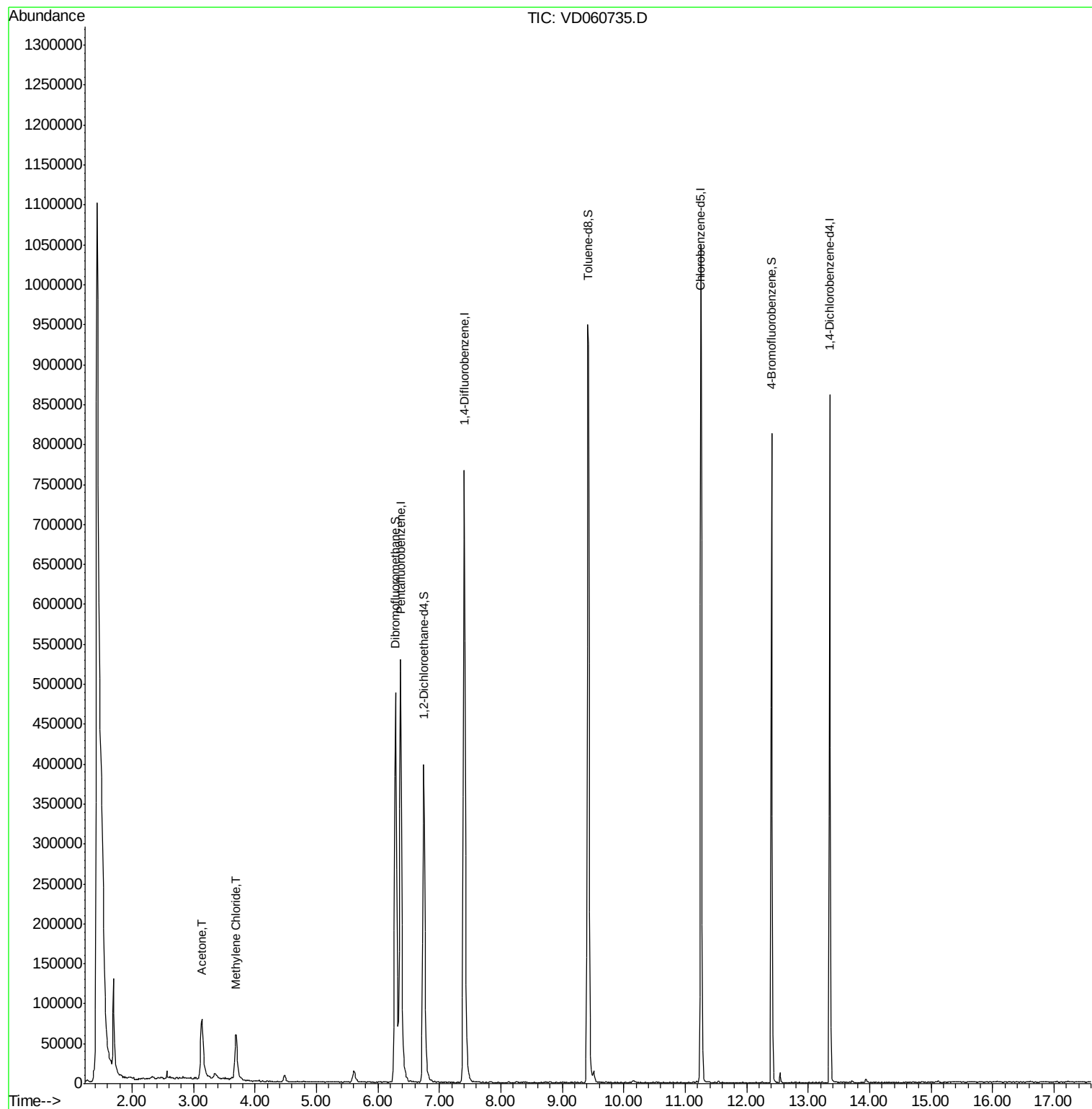
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	526102	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.41	114	795256	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.25	117	534484	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.35	152	180960	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.75	65	338716	93.16	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	186.32%	
35) Dibromofluoromethane	6.29	113	384815	66.11	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	132.22%	
50) Toluene-d8	9.41	98	765139	44.06	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	88.12%	
62) 4-Bromofluorobenzene	12.41	95	202590	33.31	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	66.62%	
Target Compounds						
16) Acetone	3.14	43	177446	279.473	ug/l	95
20) Methylene Chloride	3.70	84	39207	5.946	ug/l	98

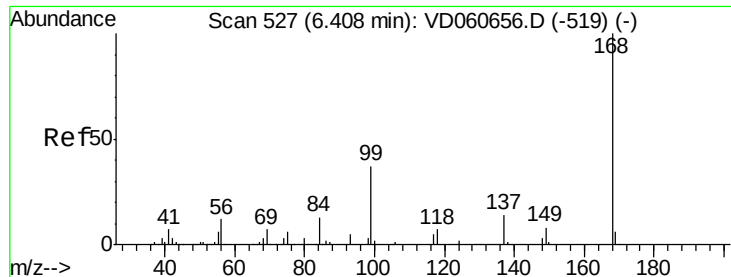
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.37 min Scan# 523

Delta R.T. -0.03 min

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Instrument :

MSVOA_D

ClientSampleId :

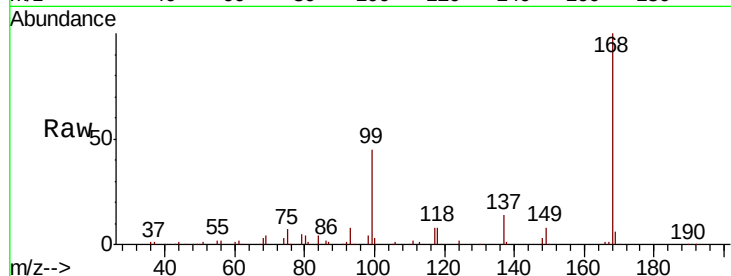
P001-SS024-0612-01RE

Tot Ion:168 Resp: 526102

Ion Ratio Lower Upper

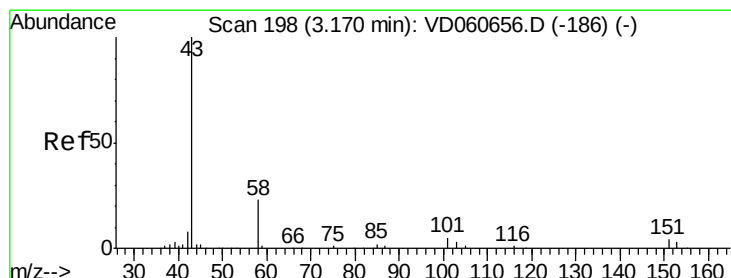
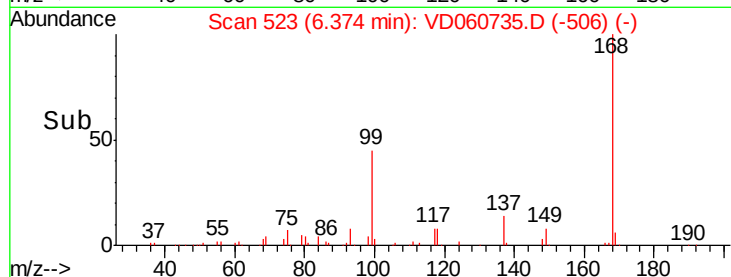
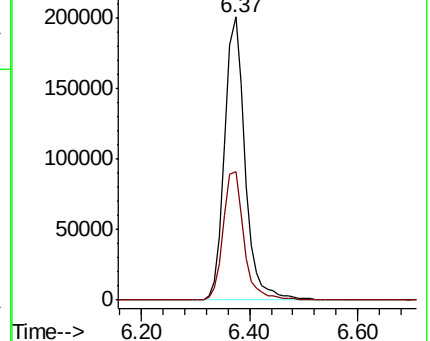
168 100

99 45.4 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 279.473 ug/l

RT: 3.14 min Scan# 194

Delta R.T. -0.03 min

Lab File: VD060735.D

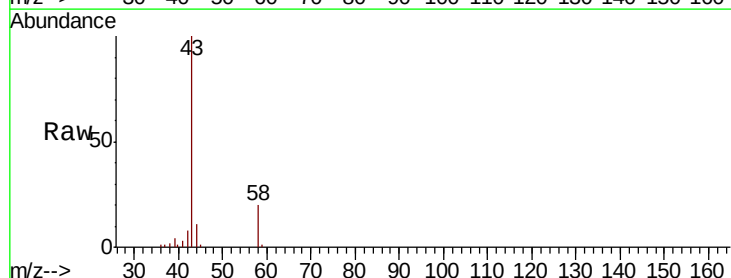
Acq: 27 Dec 2018 19:18

Tgt Ion: 43 Resp: 177446

Ion Ratio Lower Upper

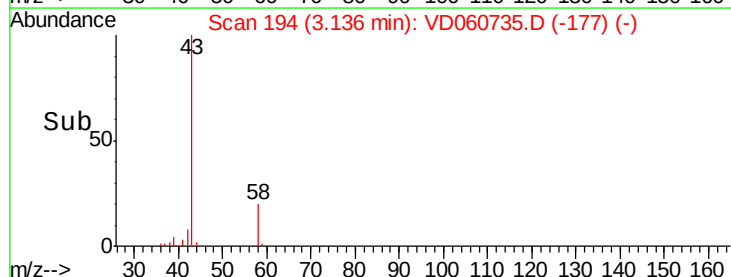
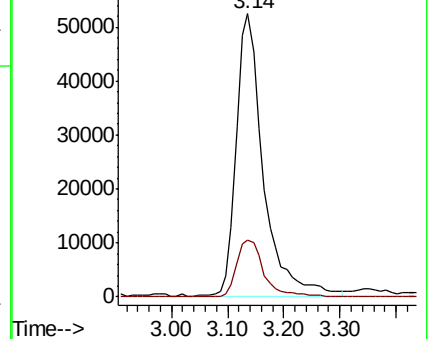
43 100

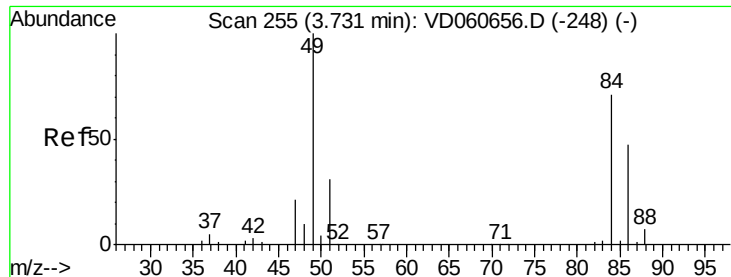
58 20.2 18.2 27.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

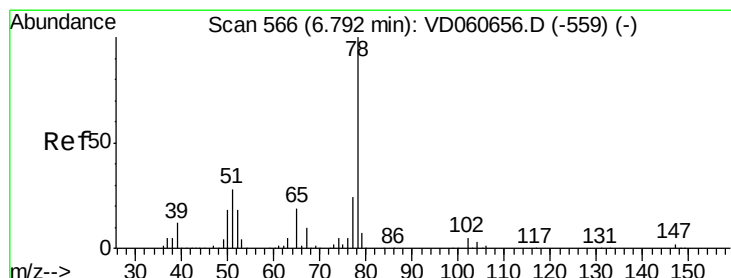
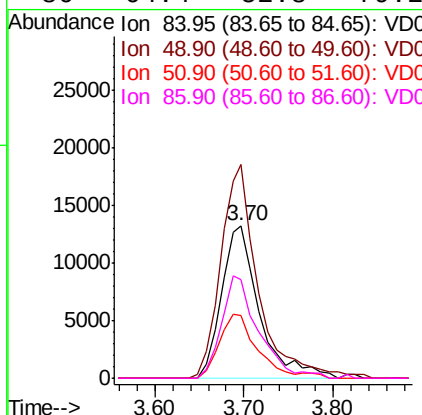
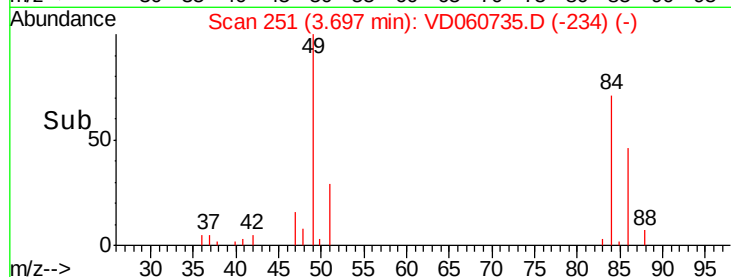
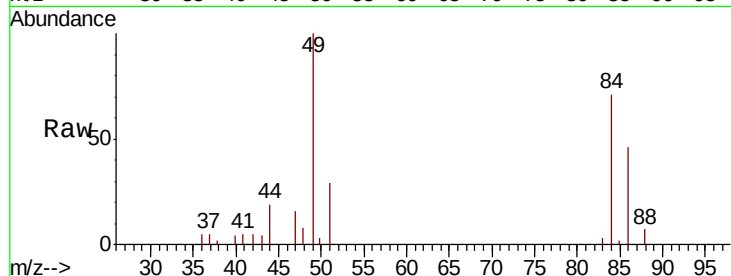




#20
Methylene Chloride
Concen: 5.946 ug/l
RT: 3.70 min Scan# 251
Delta R.T. -0.03 min
Lab File: VD060735.D
Acq: 27 Dec 2018 19:18

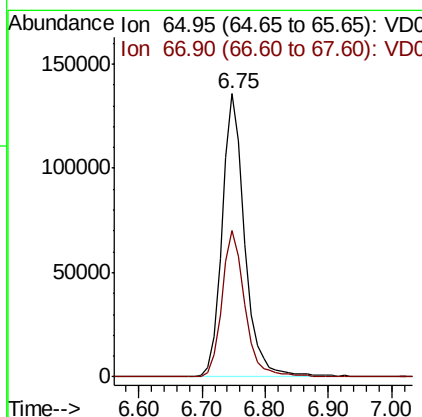
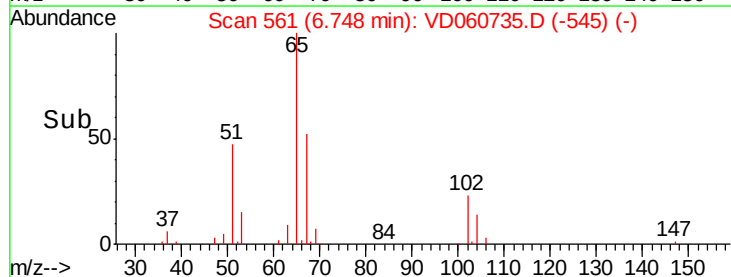
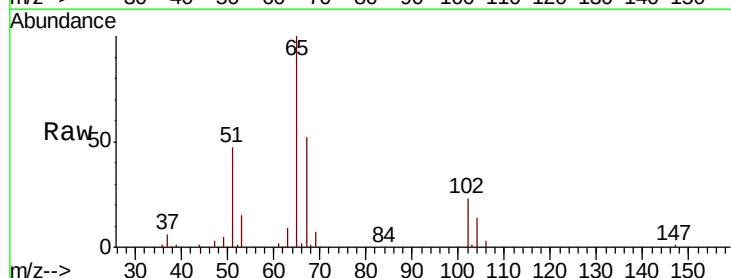
Instrument :
MSVOA_D
ClientSampleId :
P001-SS024-0612-01RE

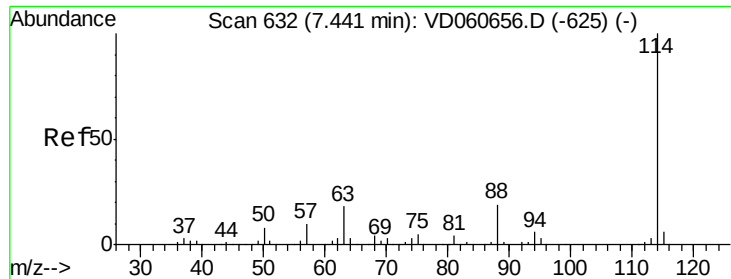
Tot Ion: 84 Resp: 39207
Ion Ratio Lower Upper
84 100
49 139.9 113.6 170.4
51 41.0 34.7 52.1
86 64.4 52.8 79.2



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.75 min Scan# 561
Delta R.T. -0.04 min
Lab File: VD060735.D
Acq: 27 Dec 2018 19:18

Tgt Ion: 65 Resp: 338716
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.4

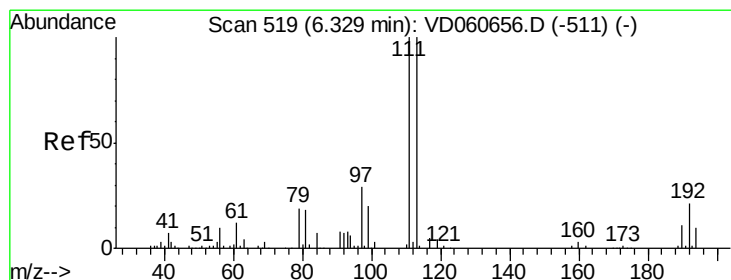
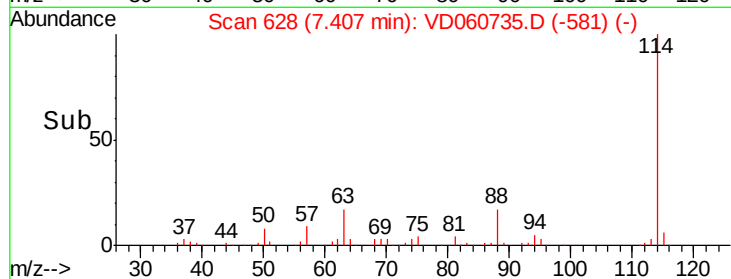
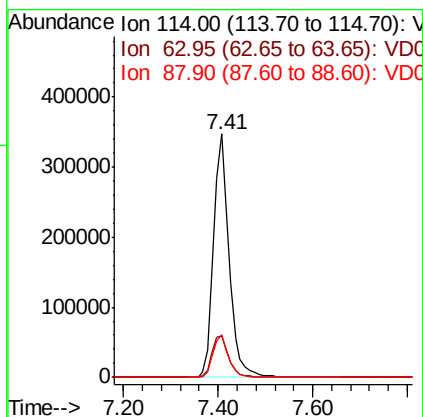
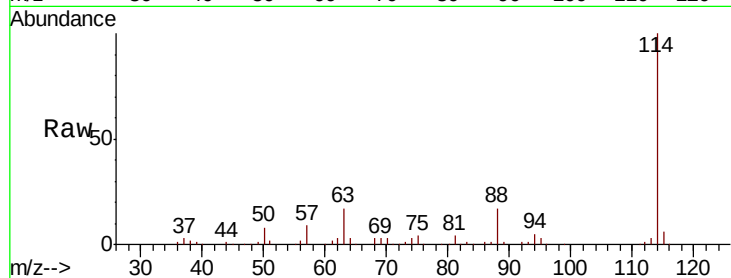




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.41 min Scan# 628
Delta R.T. -0.03 min
Lab File: VD060735.D
Acq: 27 Dec 2018 19:18

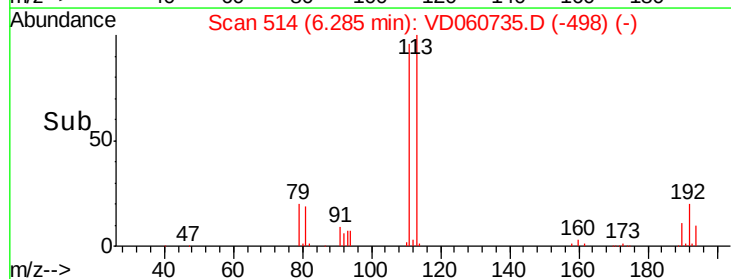
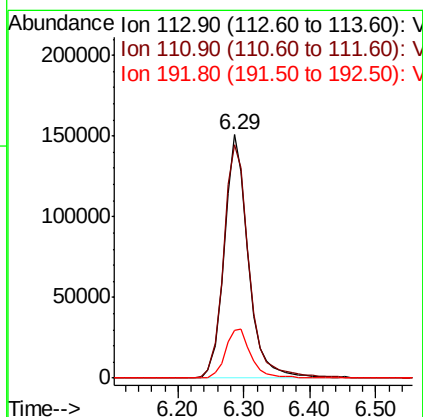
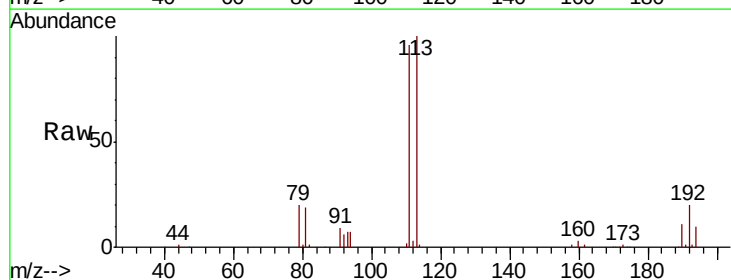
Instrument :
MSVOA_D
ClientSampleId :
P001-SS024-0612-01RE

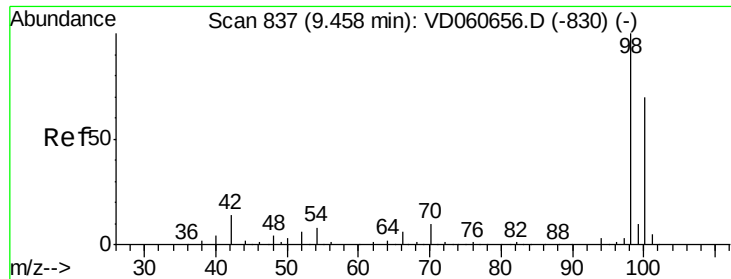
Tot Ion:114 Resp: 795256
Ion Ratio Lower Upper
114 100
63 16.9 0.0 36.2
88 17.4 0.0 37.0



#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.29 min Scan# 514
Delta R.T. -0.04 min
Lab File: VD060735.D
Acq: 27 Dec 2018 19:18

Tgt Ion:113 Resp: 384815
Ion Ratio Lower Upper
113 100
111 96.0 80.0 120.0
192 19.9 16.6 25.0

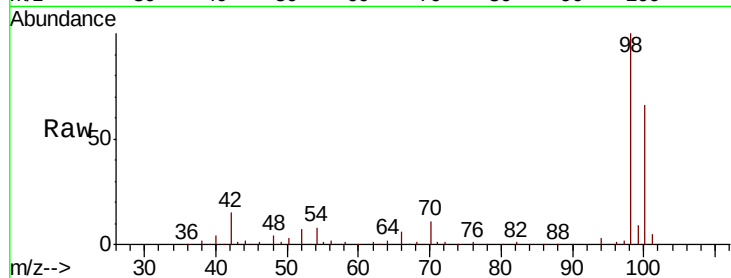




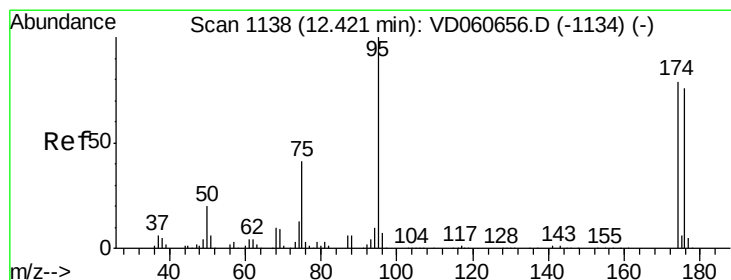
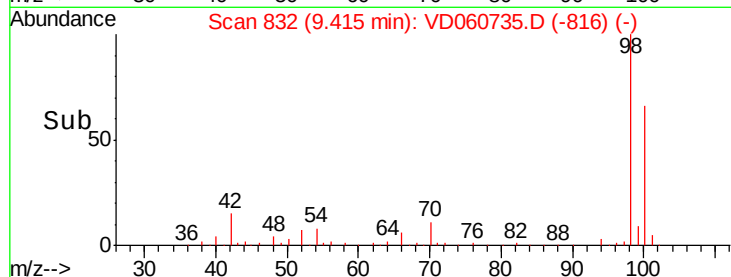
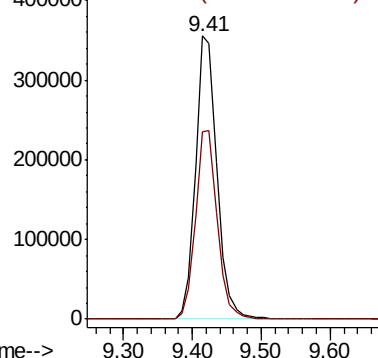
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.41 min Scan# 832
Delta R.T. -0.04 min
Lab File: VD060735.D
Acq: 27 Dec 2018 19:18

Instrument :
MSVOA_D
ClientSampleId :
P001-SS024-0612-01RE

Tot Ion: 98 Resp: 765139
Ion Ratio Lower Upper
98 100
100 66.2 55.8 83.8

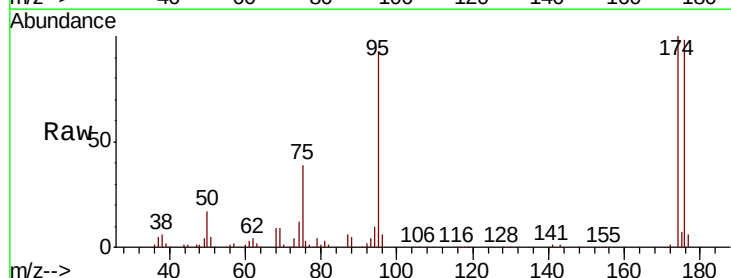


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

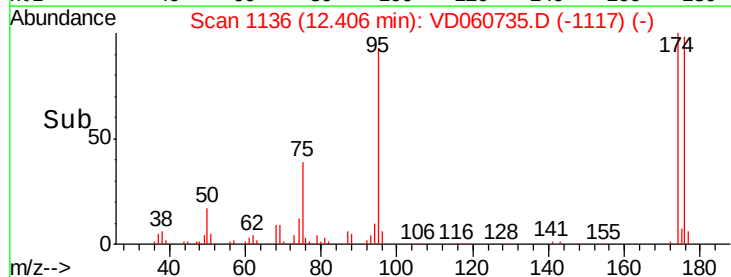
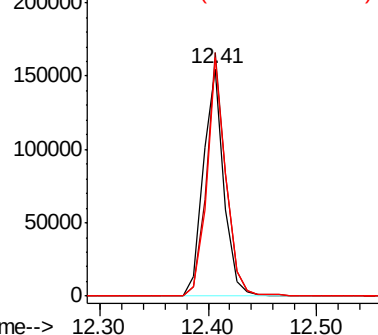


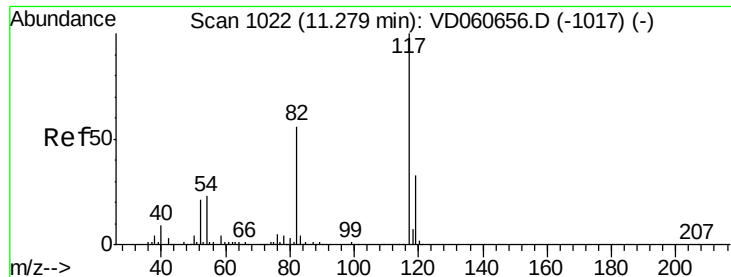
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.41 min Scan# 1136
Delta R.T. -0.01 min
Lab File: VD060735.D
Acq: 27 Dec 2018 19:18

Tgt Ion: 95 Resp: 202590
Ion Ratio Lower Upper
95 100
174 107.1 0.0 158.2
176 104.9 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

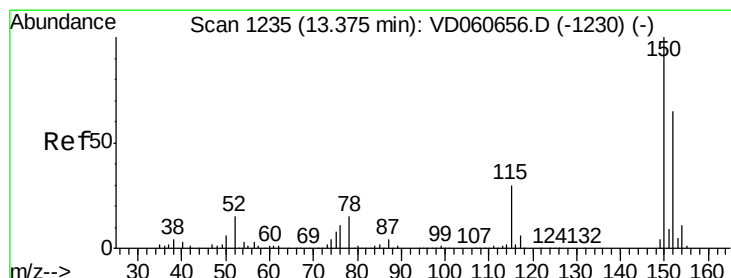
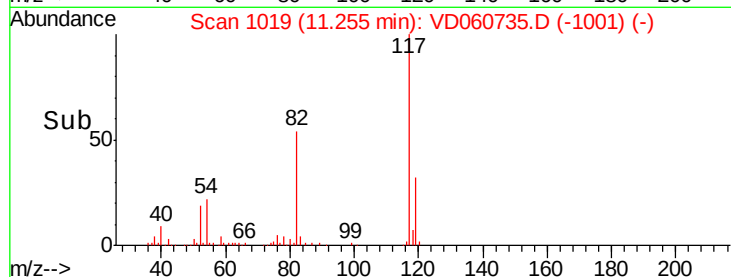
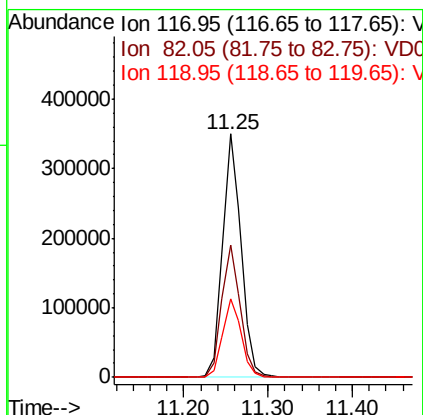
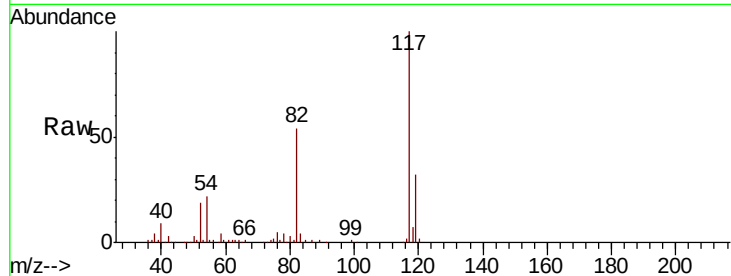




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.25 min Scan# 1019
Delta R.T. -0.02 min
Lab File: VD060735.D
Acq: 27 Dec 2018 19:18

Instrument :
MSVOA_D
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P001-SS024-0612-01RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	44.5	66.7
119	32.1	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 1232
Delta R.T. -0.02 min
Lab File: VD060735.D
Acq: 27 Dec 2018 19:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	47.9	24.1	72.3
150	151.9	0.0	315.0

