

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081920\
 Data File : VD066320.D
 Acq On : 19 Aug 2020 15:57
 Operator : VA/SY
 Sample : L3700-05RE
 Misc : 7.75G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S405-K-SO-1-1.5-081420RE

Quant Time: Aug 27 15:00:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	184138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	268166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	215867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	71090	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	101880	62.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.04%	
35) Dibromofluoromethane	7.91	113	101134	59.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.06%	
50) Toluene-d8	10.34	98	308584	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	12.63	95	83021	36.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.48%	

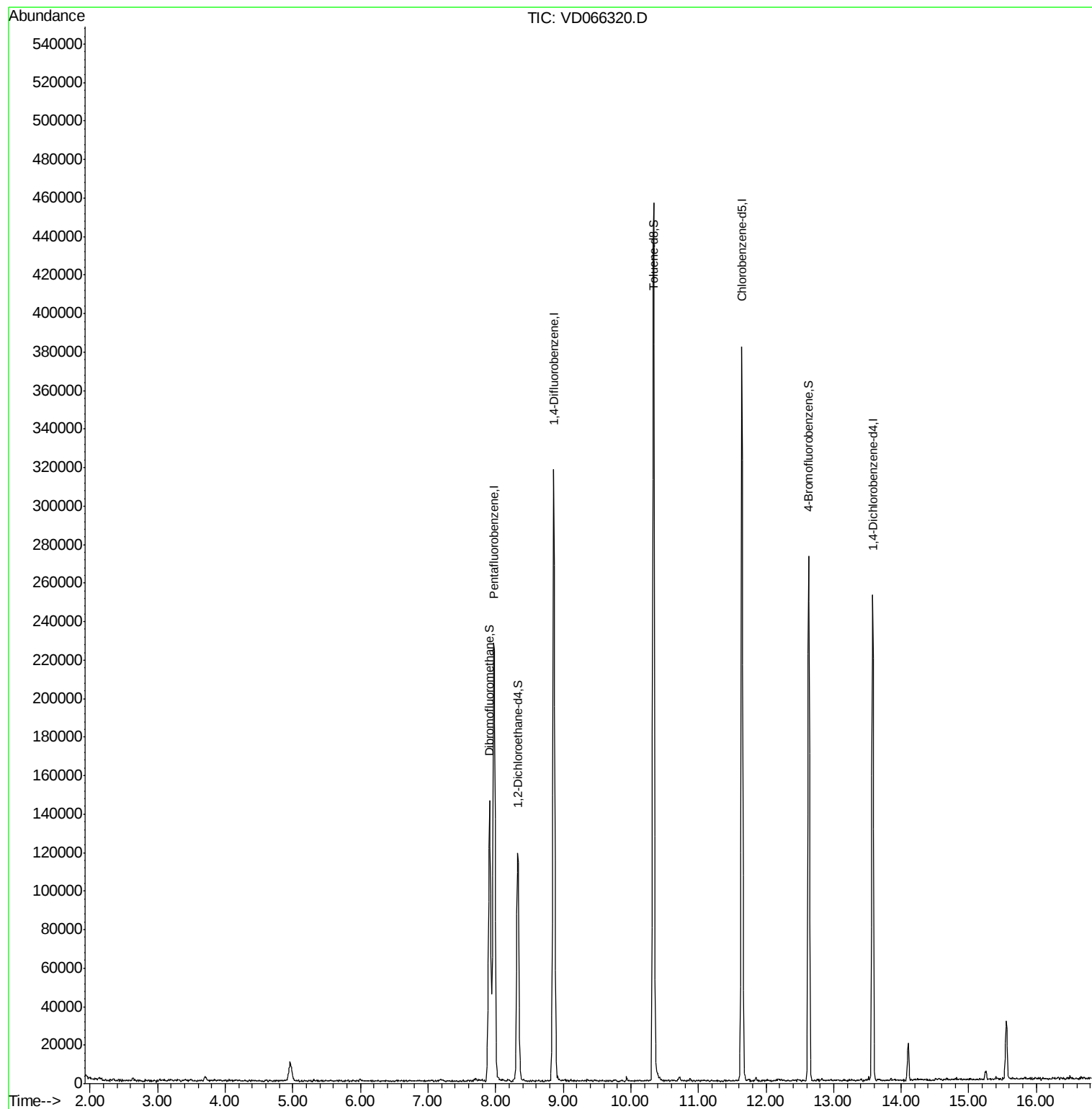
Target Compounds	Qvalue
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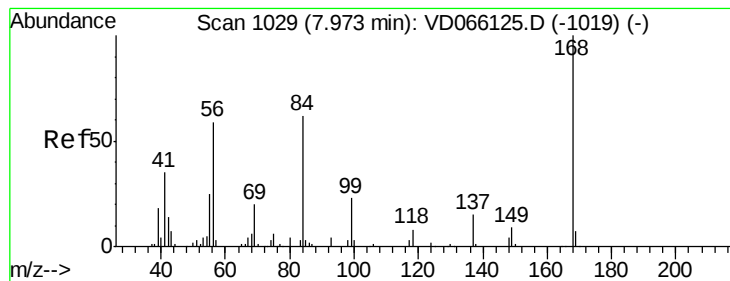
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066320.D

Acq: 19 Aug 2020 15:57

Instrument :

MSVOA_D

ClientSampleId :

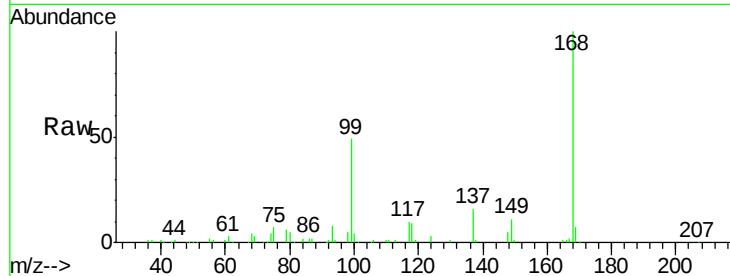
S405-K-SO-1-1.5-081420RE

Tgt Ion:168 Resp: 184138

Ion Ratio Lower Upper

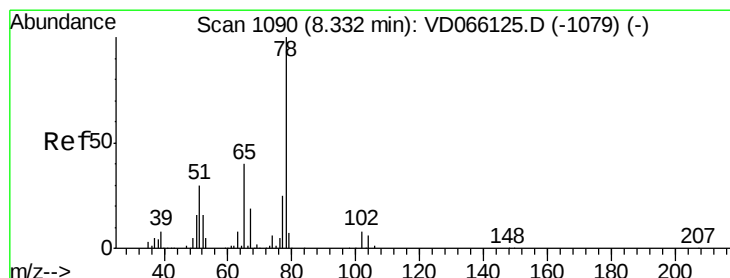
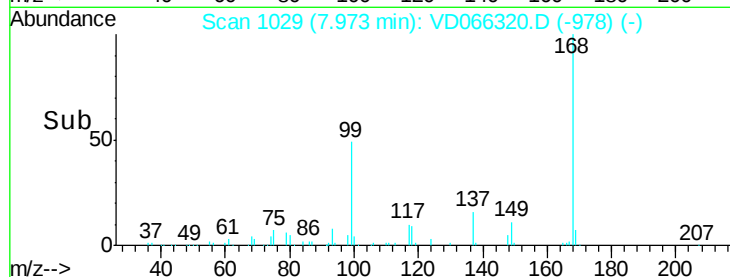
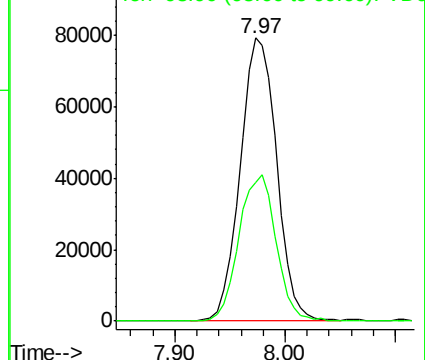
168 100

99 49.0 42.2 63.4



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: 62.016 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066320.D

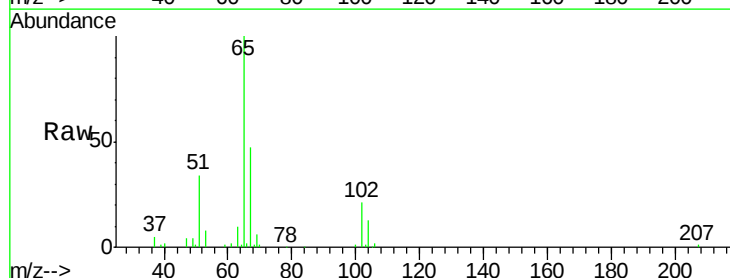
Acq: 19 Aug 2020 15:57

Tgt Ion: 65 Resp: 101880

Ion Ratio Lower Upper

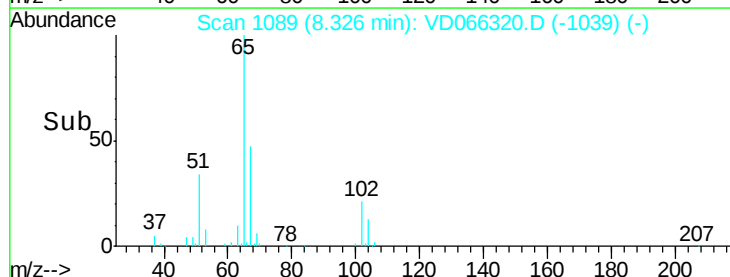
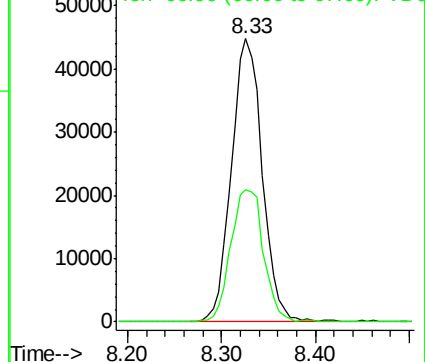
65 100

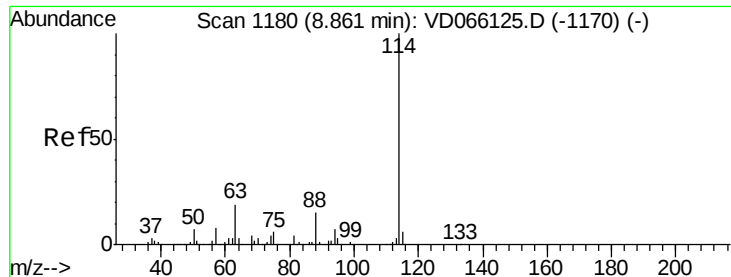
67 49.5 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

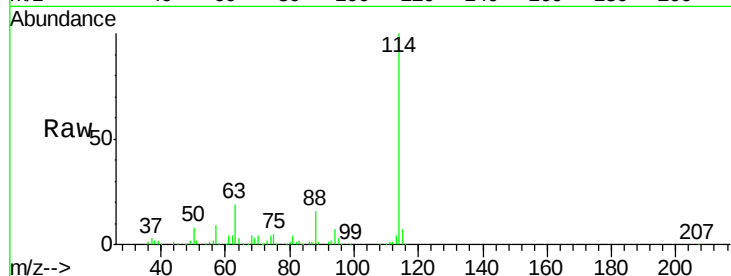




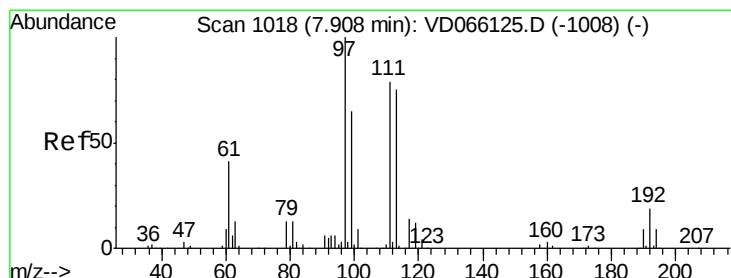
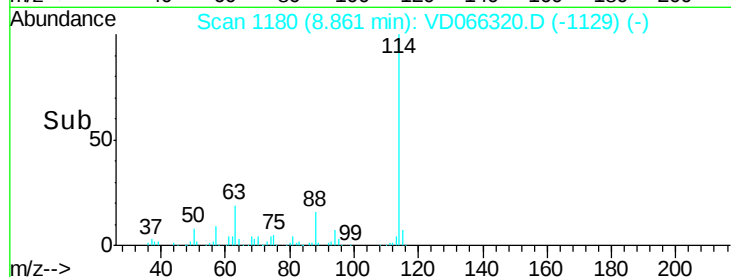
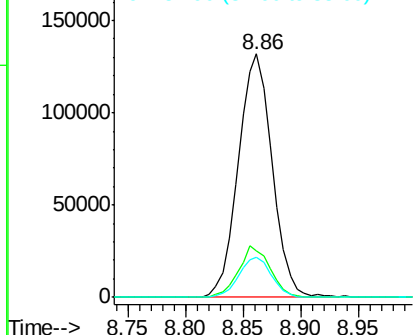
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066320.D
 Acq: 19 Aug 2020 15:57

Instrument :
 MSVOA_D
 ClientSampleId :
 S405-K-SO-1-1.5-081420RE

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.6
88	16.3	0.0	30.0

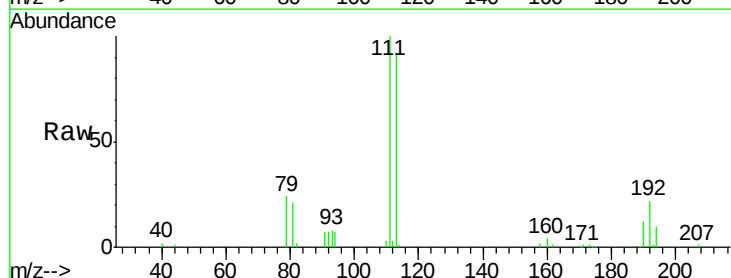


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

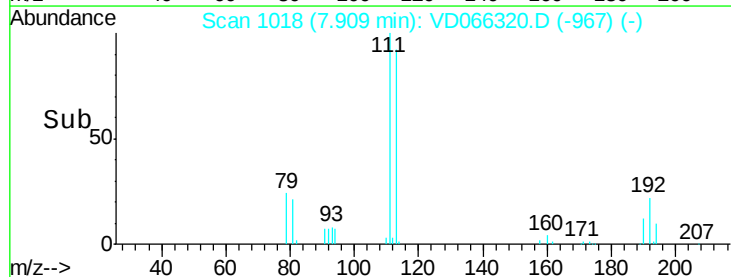
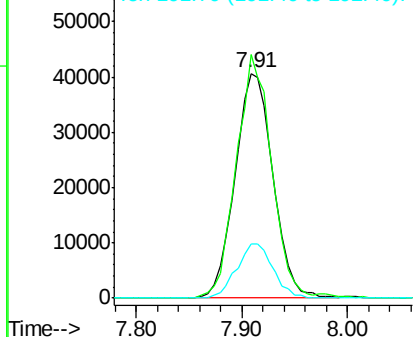


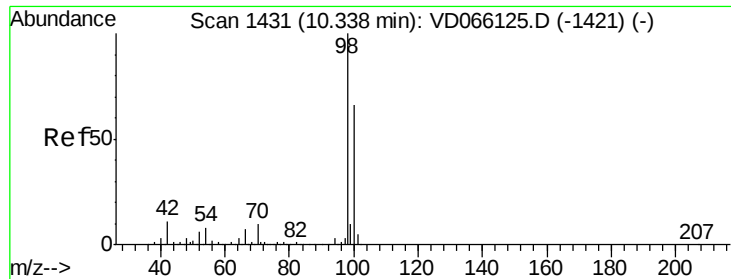
#35
 Dibromofluoromethane
 Concen: 59.532 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066320.D
 Acq: 19 Aug 2020 15:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	80.7	121.1
192	23.2	18.4	27.6



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

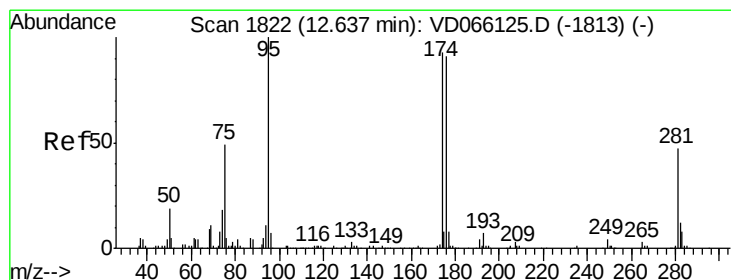
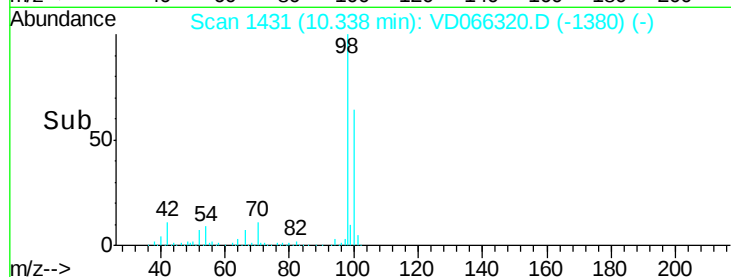
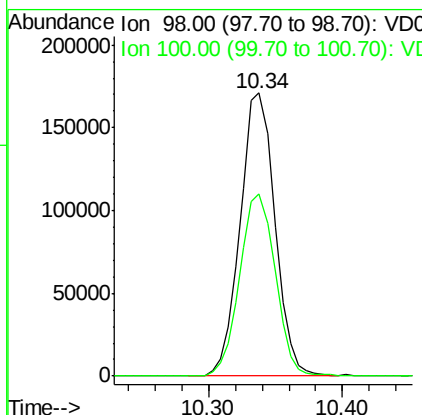
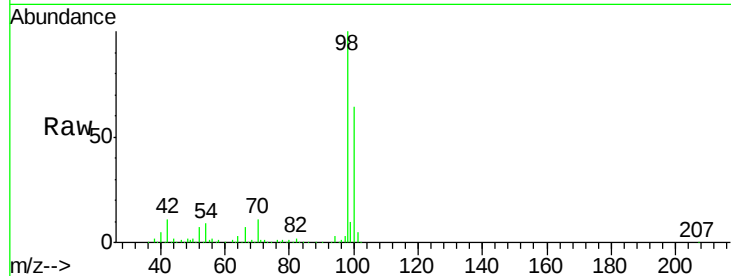




#50
Toluene-d8
Concen: 49.224 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066320.D
Acq: 19 Aug 2020 15:57

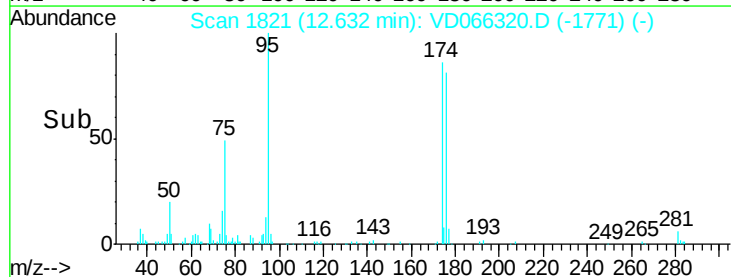
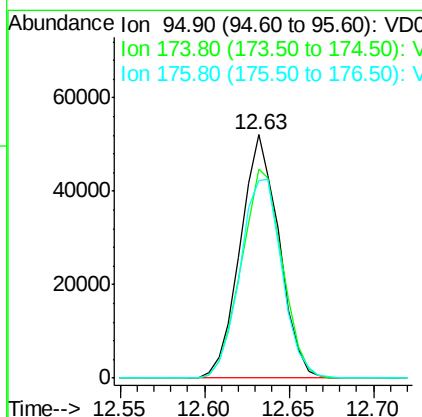
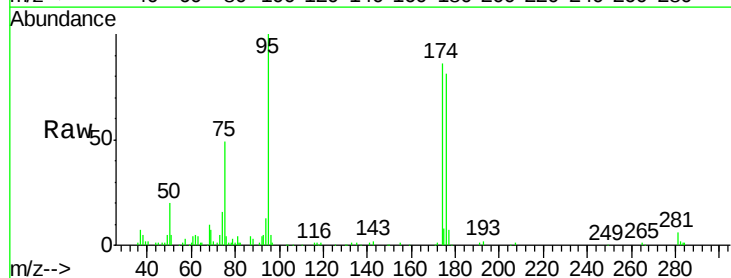
Instrument :
MSVOA_D
ClientSampleId :
S405-K-SO-1-1.5-081420RE

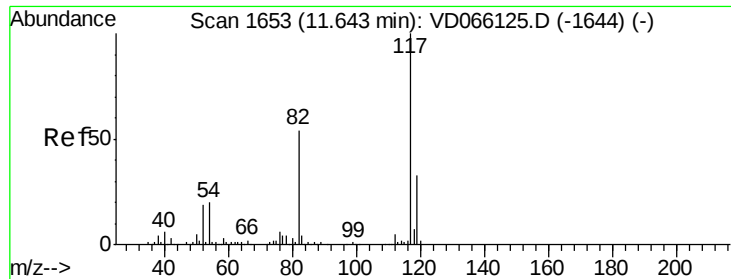
Tgt Ion: 98 Resp: 308584
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 36.739 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066320.D
Acq: 19 Aug 2020 15:57

Tgt Ion: 95 Resp: 83021
Ion Ratio Lower Upper
95 100
174 90.6 0.0 180.8
176 88.7 0.0 181.2

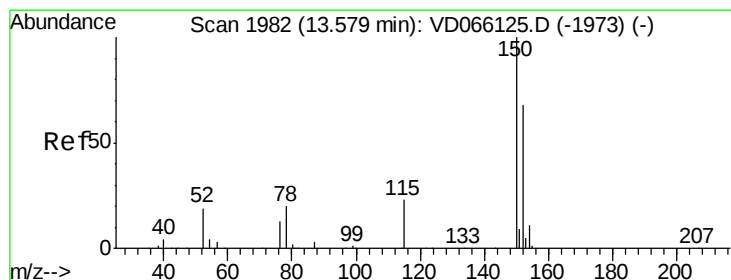
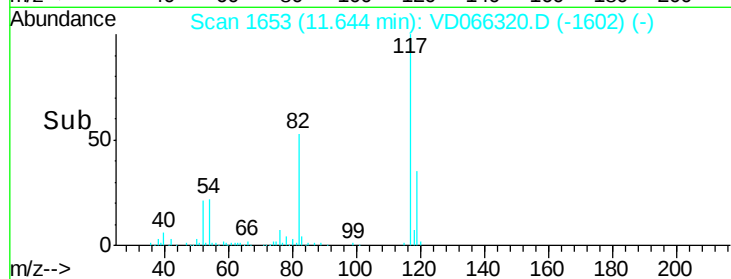
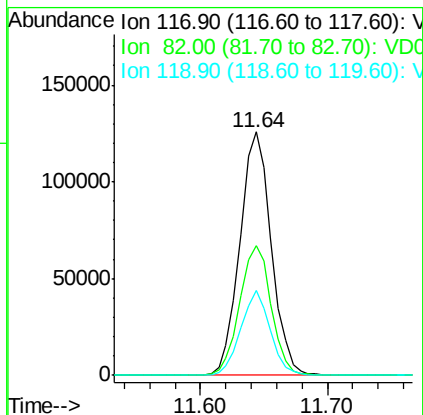
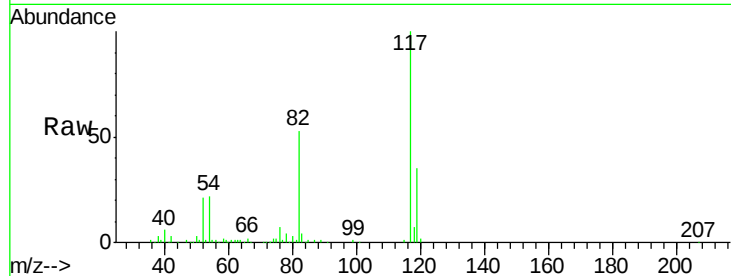




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066320.D
Acq: 19 Aug 2020 15:57

Instrument :
MSVOA_D
ClientSampleId :
S405-K-SO-1-1.5-081420RE

Tgt Ion:117 Resp: 215867
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 34.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066320.D
Acq: 19 Aug 2020 15:57

Tgt Ion:152 Resp: 71090
Ion Ratio Lower Upper
152 100
115 54.9 28.0 83.9
150 158.0 0.0 346.4

