

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
 Data File : VD066635.D
 Acq On : 11 Sep 2020 02:12
 Operator : VA/SY
 Sample : L3937-04
 Misc : 6.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BSY-SB-03-5.0-6.0

Quant Time: Sep 11 03:28:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

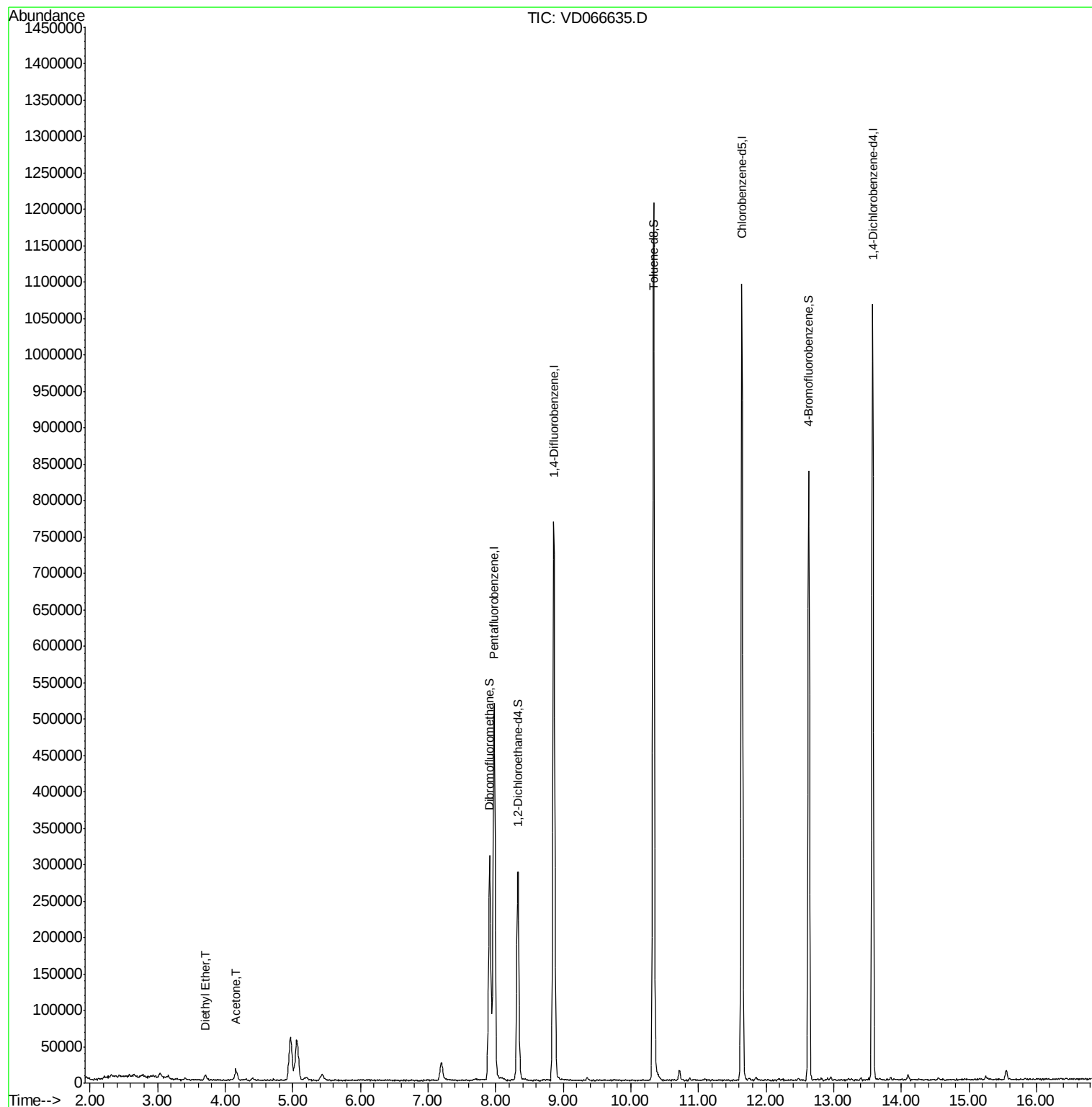
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	355630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	634544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	602937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	259617	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	231034	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.38%	
35) Dibromofluoromethane	7.91	113	217031	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
50) Toluene-d8	10.34	98	776742	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.63	95	253453	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
Target Compounds						
8) Diethyl Ether	3.71	74	3581	1.930	ug/l	100
16) Acetone	4.16	43	25455	32.152	ug/l	92

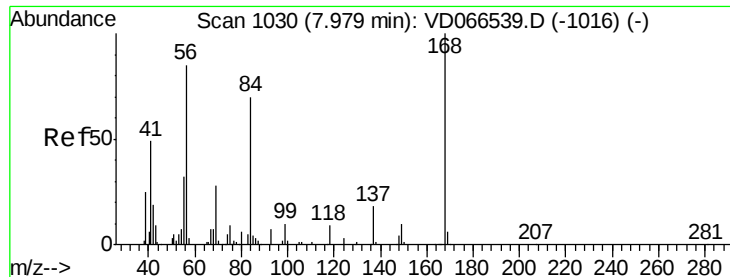
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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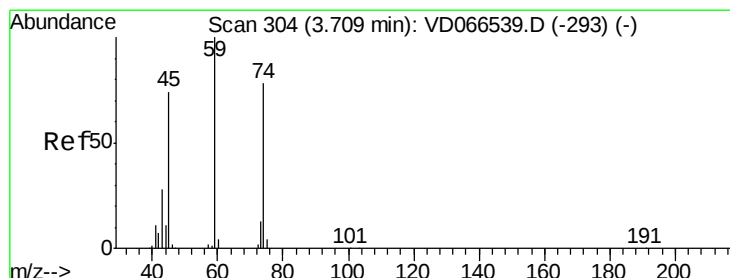
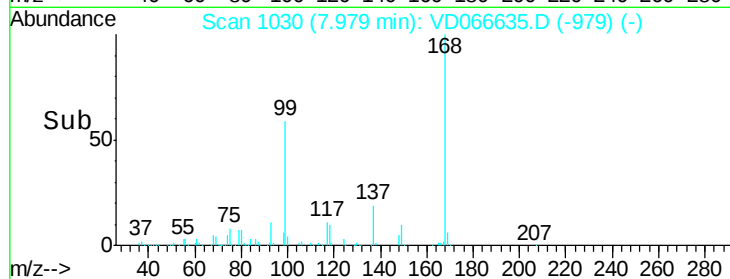
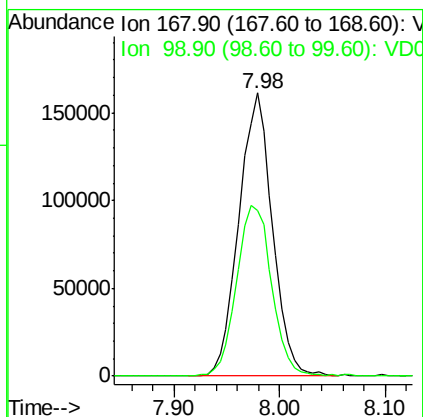
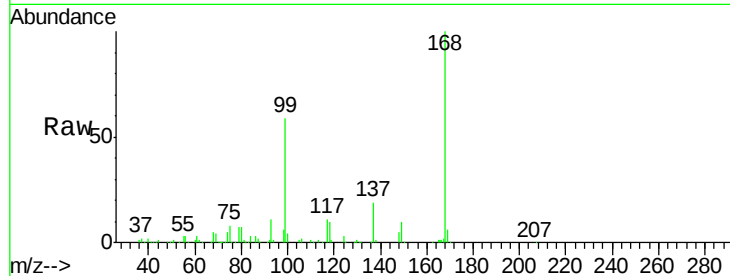




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066635.D
Acq: 11 Sep 2020 02:12

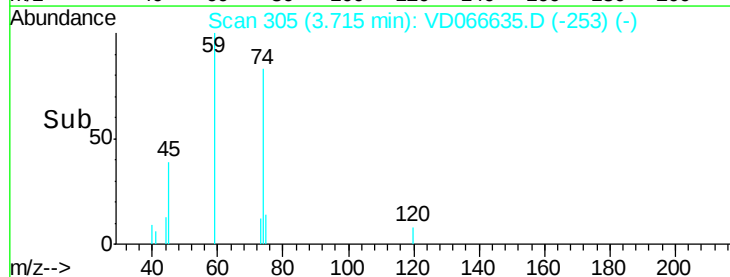
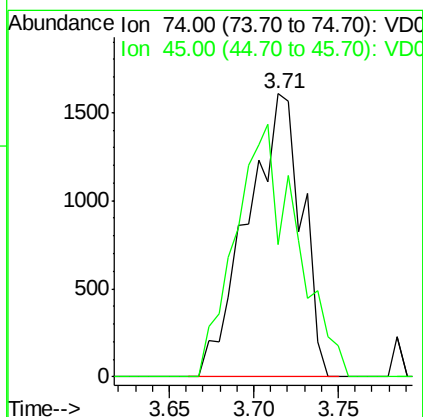
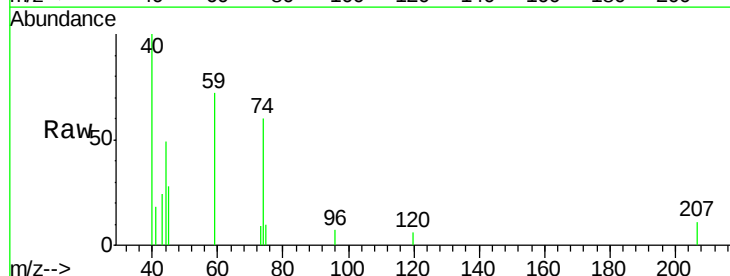
Instrument :
MSVOA_D
ClientSampleId :
BSY-SB-03-5.0-6.0

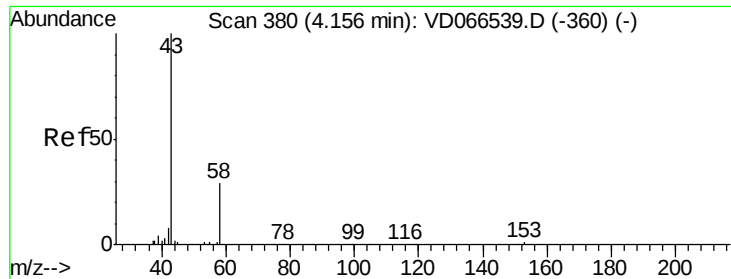
Tot Ion:168 Resp: 355630
Ion Ratio Lower Upper
168 100
99 58.6 50.5 75.7



#8
Diethyl Ether
Concen: 1.930 ug/l
RT: 3.71 min Scan# 305
Delta R.T. 0.01 min
Lab File: VD066635.D
Acq: 11 Sep 2020 02:12

Tgt Ion: 74 Resp: 3581
Ion Ratio Lower Upper
74 100
45 99.9 49.7 149.1





#16

Acetone

Concen: 32.152 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066635.D

Acq: 11 Sep 2020 02:12

Instrument :

MSVOA_D

ClientSampleId :

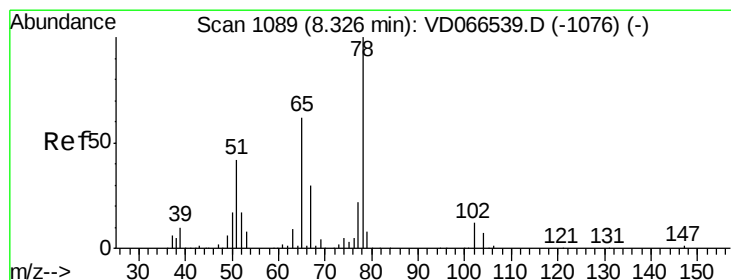
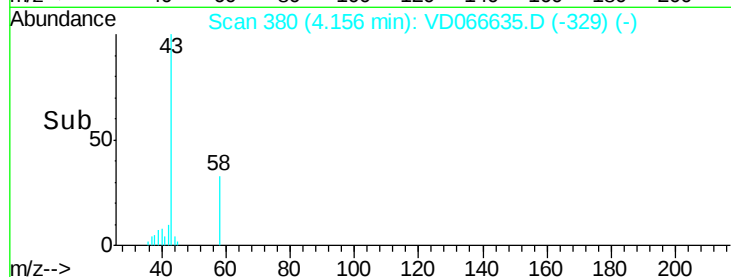
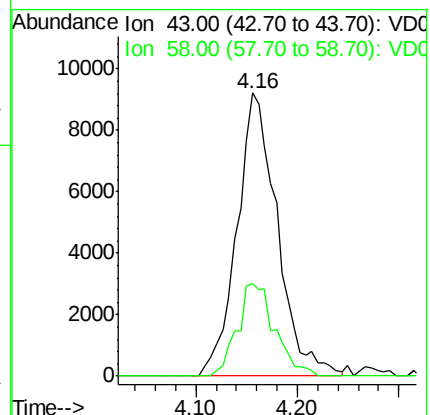
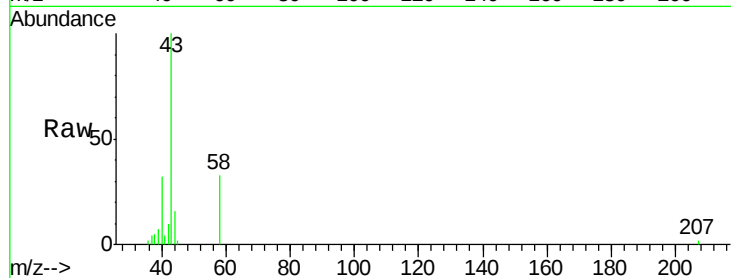
BSY-SB-03-5.0-6.0

Tot Ion: 43 Resp: 25455

Ion Ratio Lower Upper

43 100

58 32.7 22.9 34.3



#33

1,2-Dichloroethane-d4

Concen: 53.694 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066635.D

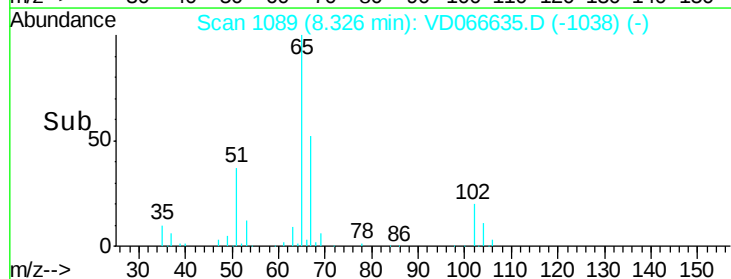
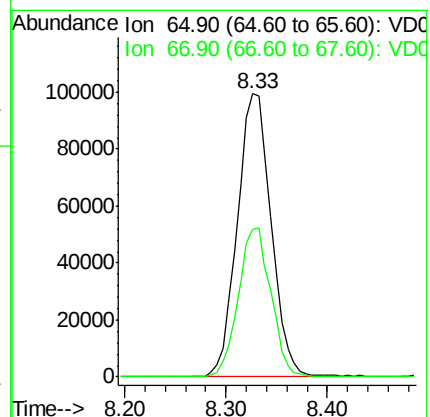
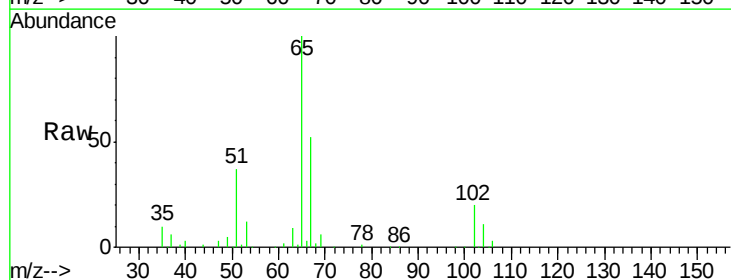
Acq: 11 Sep 2020 02:12

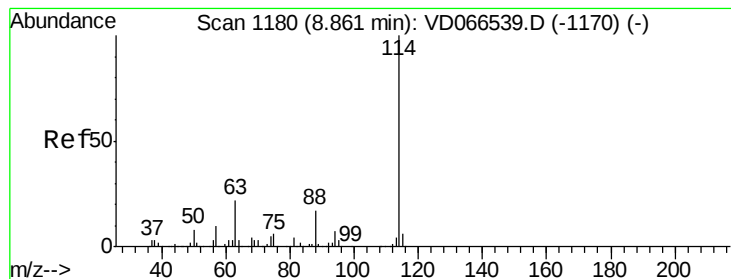
Tgt Ion: 65 Resp: 231034

Ion Ratio Lower Upper

65 100

67 50.6 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066635.D

Acq: 11 Sep 2020 02:12

Instrument :

MSVOA_D

ClientSampleId :

BSY-SB-03-5.0-6.0

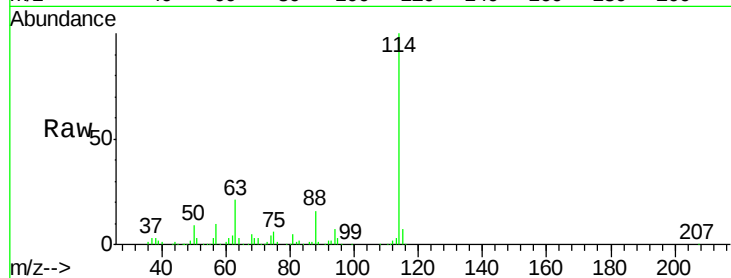
Tot Ion:114 Resp: 634544

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.2

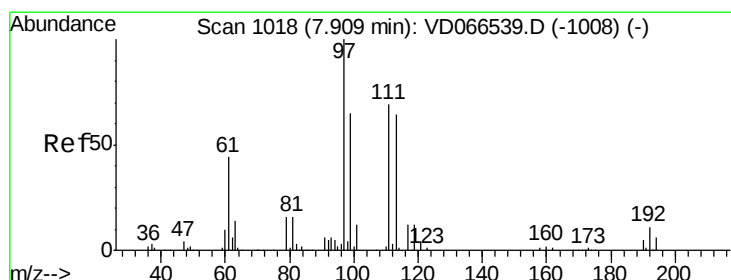
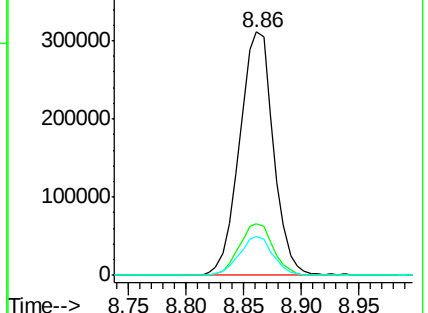
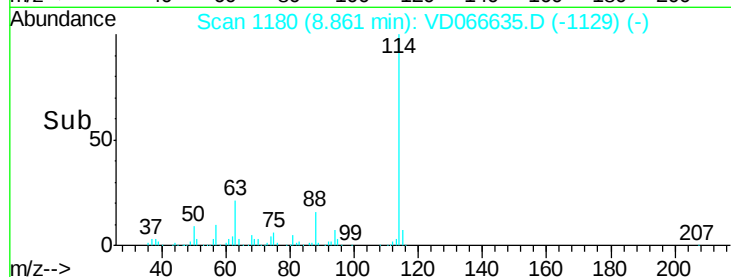
88 16.0 0.0 33.2



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: 50.700 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066635.D

Acq: 11 Sep 2020 02:12

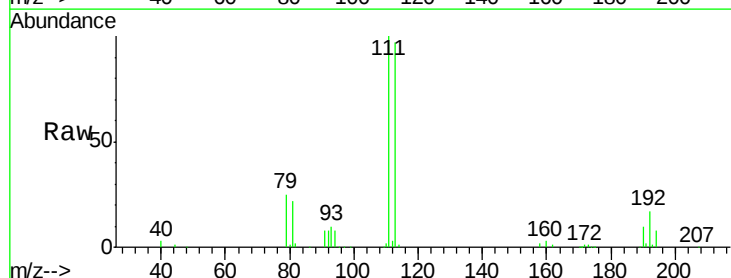
Tgt Ion:113 Resp: 217031

Ion Ratio Lower Upper

113 100

111 101.1 83.2 124.8

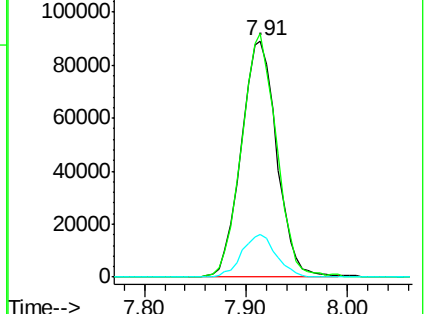
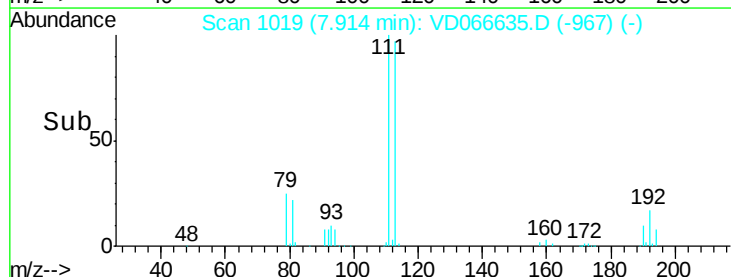
192 17.5 13.7 20.5

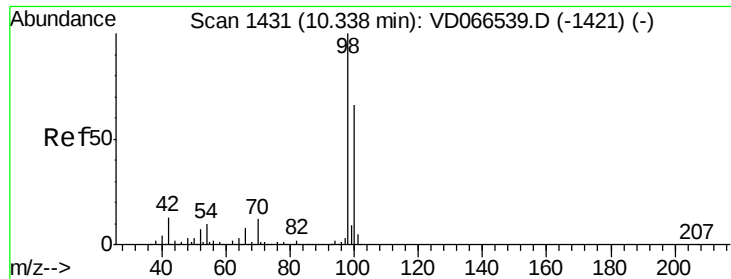


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

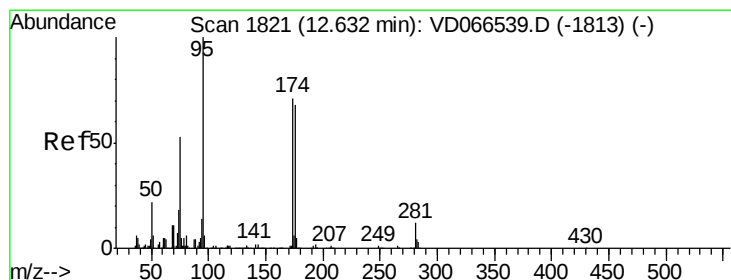
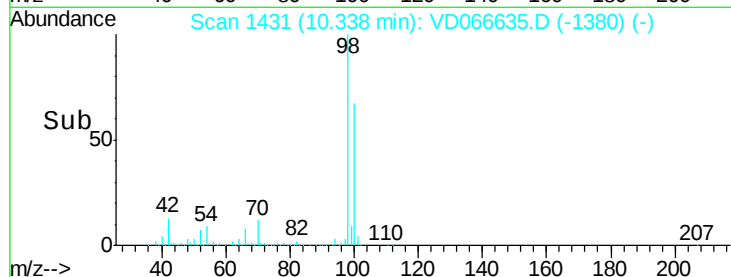
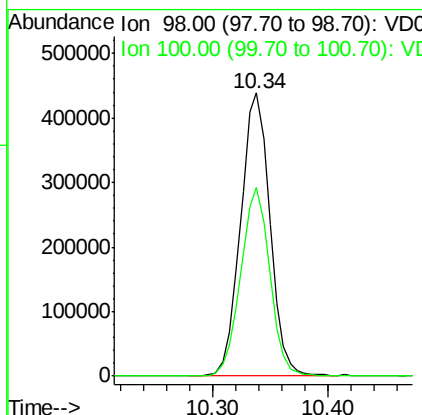
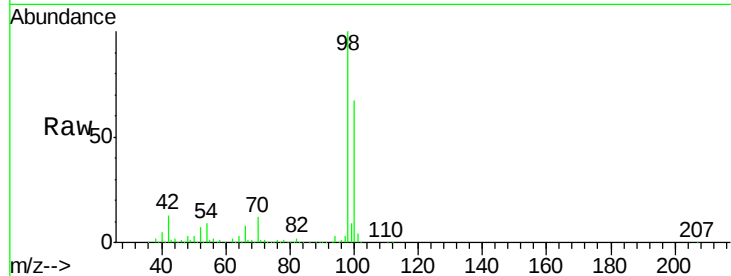




#50
Toluene-d8
Concen: 50.768 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066635.D
Acq: 11 Sep 2020 02:12

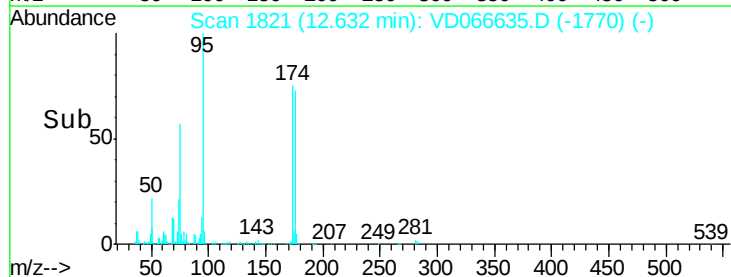
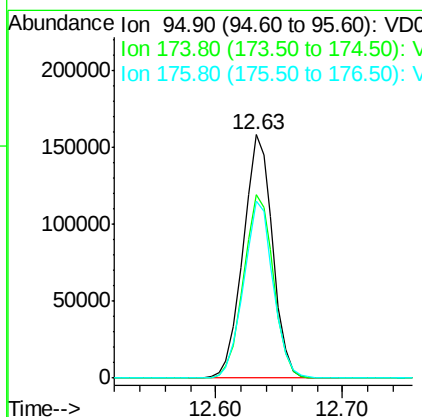
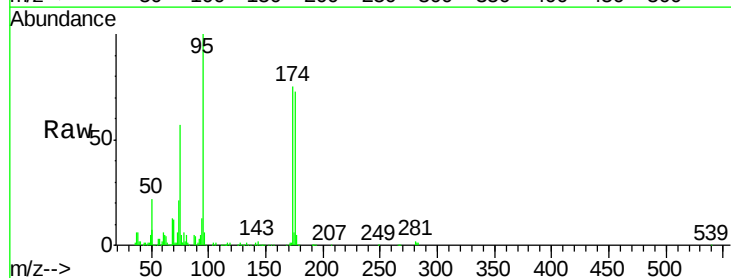
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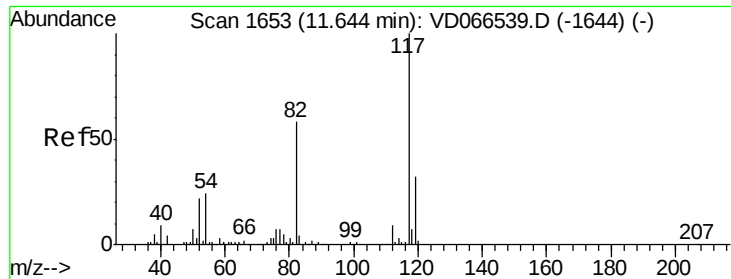
Tot Ion: 98 Resp: 776742
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 49.959 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066635.D
Acq: 11 Sep 2020 02:12

Tgt Ion: 95 Resp: 253453
Ion Ratio Lower Upper
95 100
174 76.9 0.0 155.8
176 73.1 0.0 148.6

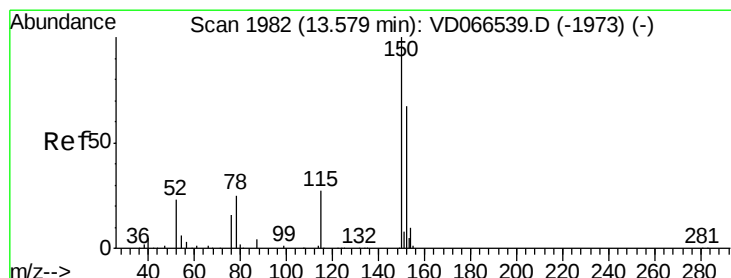
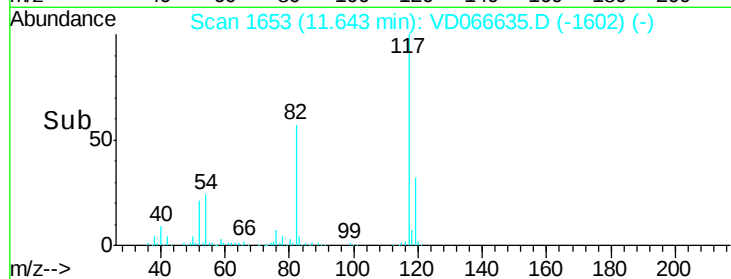
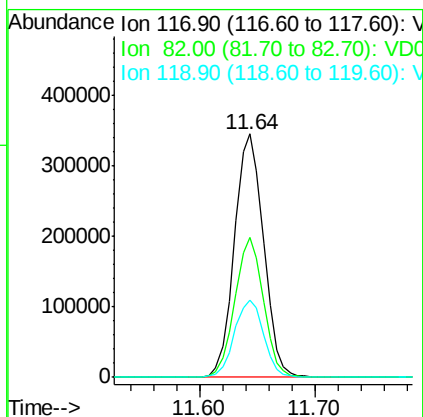
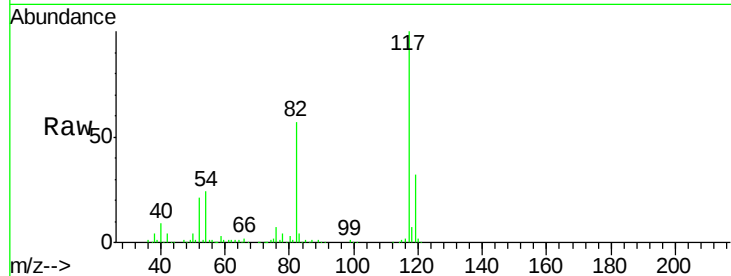




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066635.D
Acq: 11 Sep 2020 02:12

Instrument :
MSVOA_D
ClientSampleId :
BSY-SB-03-5.0-6.0

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	46.2	69.2
119	31.6	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066635.D
Acq: 11 Sep 2020 02:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.6	30.4	91.2
150	155.2	0.0	345.8

