

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081720\
 Data File : VD066268.D
 Acq On : 17 Aug 2020 20:00
 Operator : VA/SY
 Sample : L3691-04RE
 Misc : 7.95G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S605-M-SO-1-1.5-081320RE

Quant Time: Aug 18 08:29:53 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

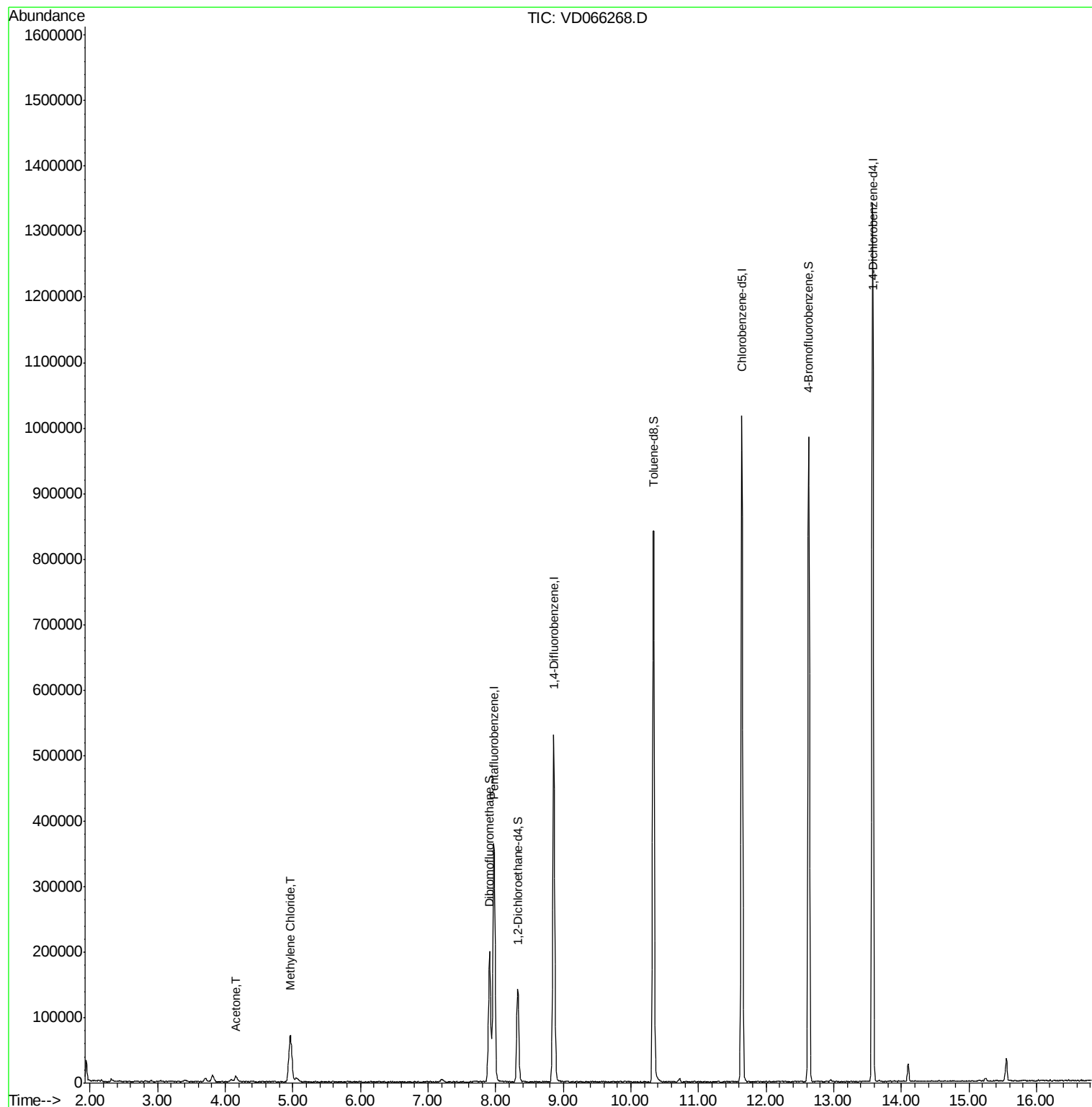
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	288666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	464299	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	604467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	369453	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	119499	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	
35) Dibromofluoromethane	7.91	113	140178	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
50) Toluene-d8	10.34	98	585101	53.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.82%	
62) 4-Bromofluorobenzene	12.63	95	313317	80.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	160.16%	
Target Compounds						
16) Acetone	4.16	43	15095	30.891	ug/l	89
20) Methylene Chloride	4.96	84	56092	16.900	ug/l	96

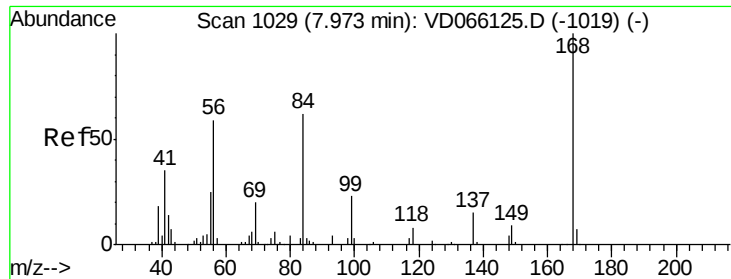
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066268.D

Acq: 17 Aug 2020 20:00

Instrument :

MSVOA_D

ClientSampleId :

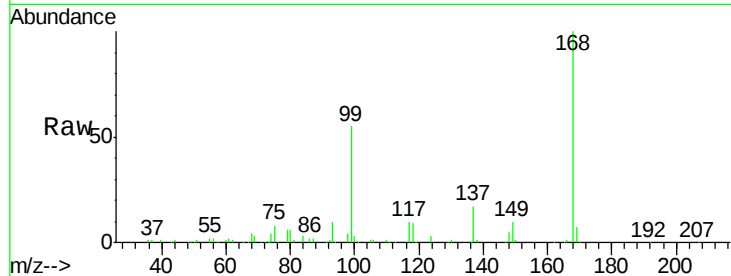
S605-M-SO-1-1.5-081320RE

Tot Ion:168 Resp: 288666

Ion Ratio Lower Upper

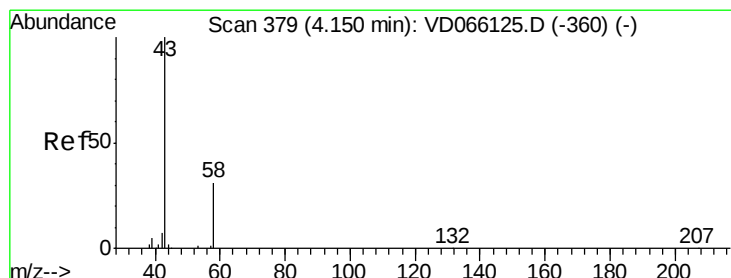
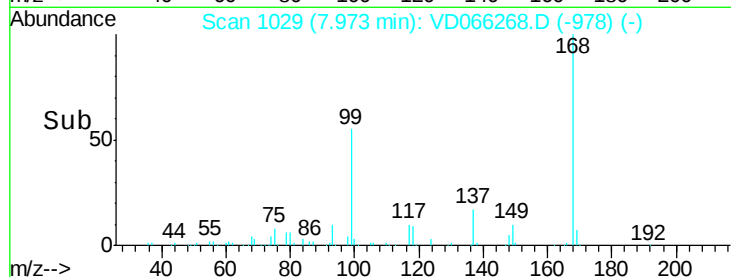
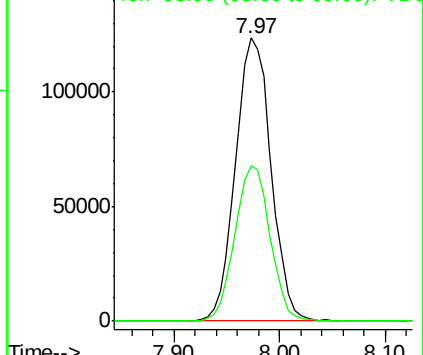
168 100

99 55.0 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 30.891 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066268.D

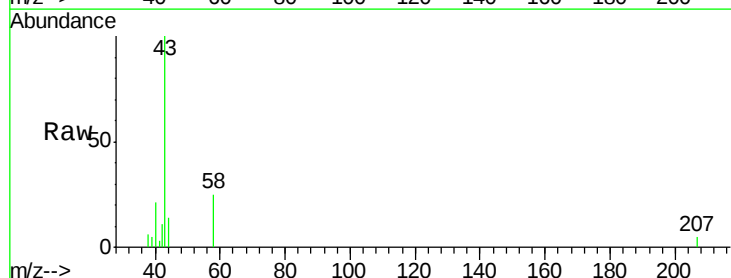
Acq: 17 Aug 2020 20:00

Tgt Ion: 43 Resp: 15095

Ion Ratio Lower Upper

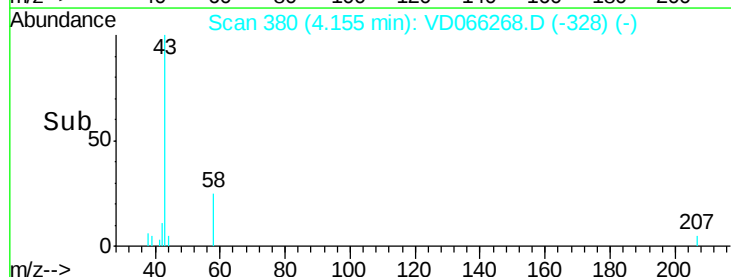
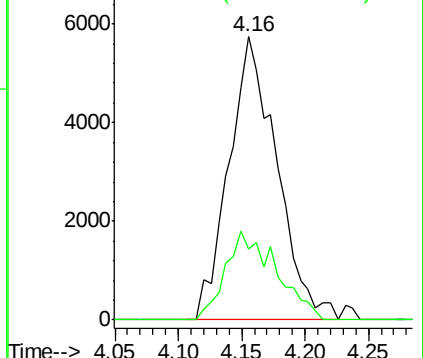
43 100

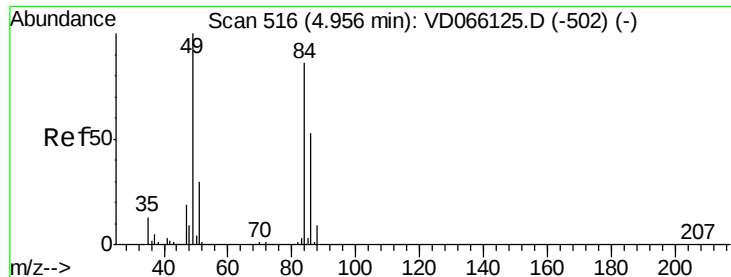
58 24.9 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

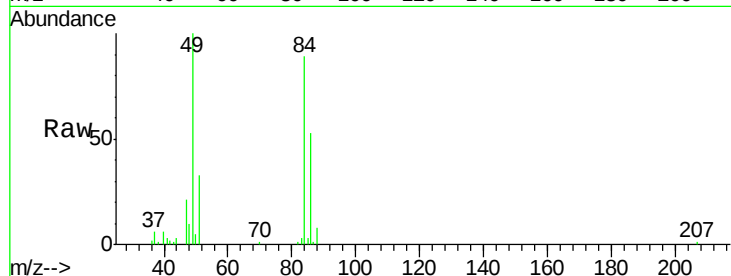




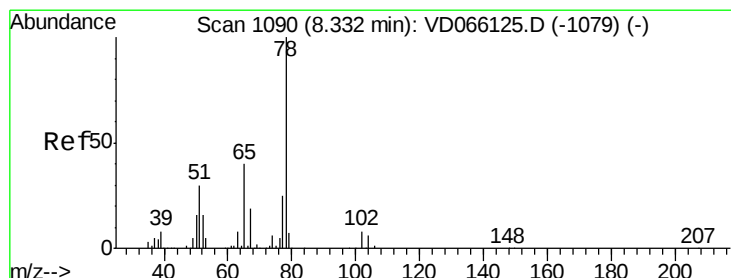
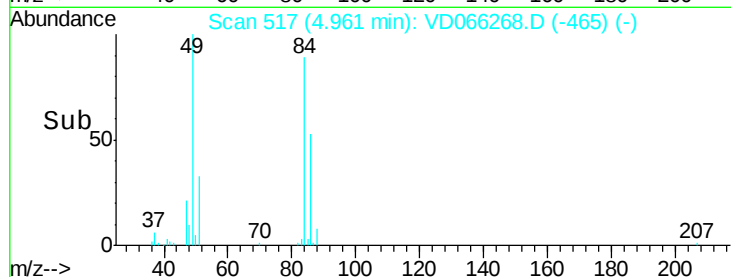
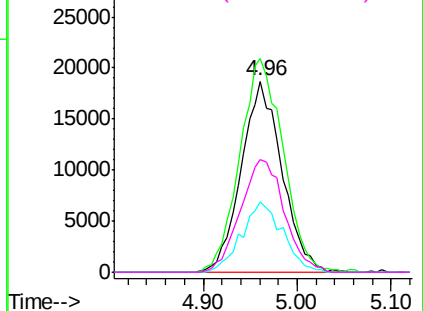
#20
Methvlene Chloride
Concen: 16.900 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066268.D
Acq: 17 Aug 2020 20:00

Instrument :
MSVOA_D
ClientSampleId :
S605-M-SO-1-1.5-081320RE

Tot Ion: 84 Resp: 56092
Ion Ratio Lower Upper
84 100
49 112.0 93.5 140.3
51 36.9 28.2 42.4
86 59.2 49.5 74.3

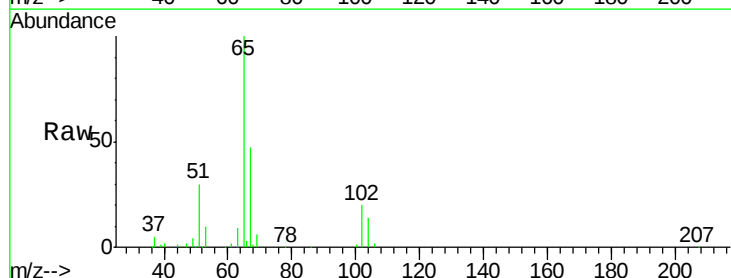


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

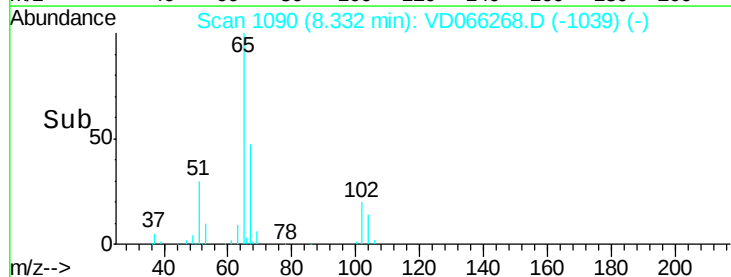
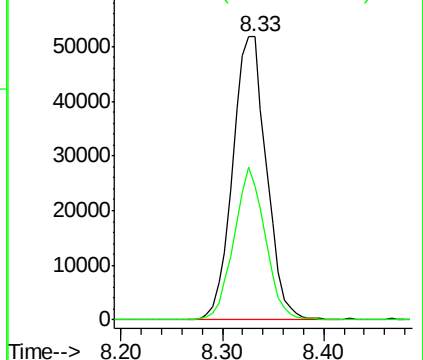


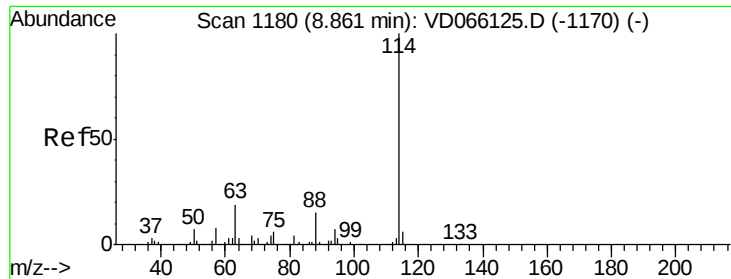
#33
1,2-Dichloroethane-d4
Concen: 46.401 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD066268.D
Acq: 17 Aug 2020 20:00

Tgt Ion: 65 Resp: 119499
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

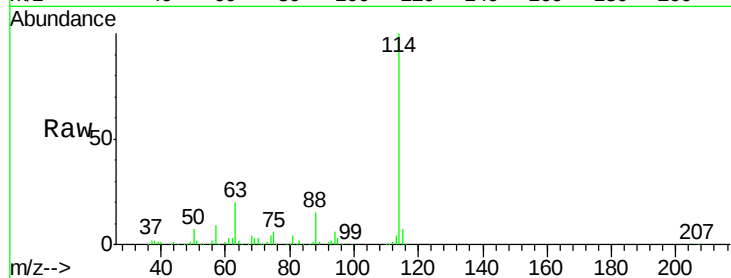




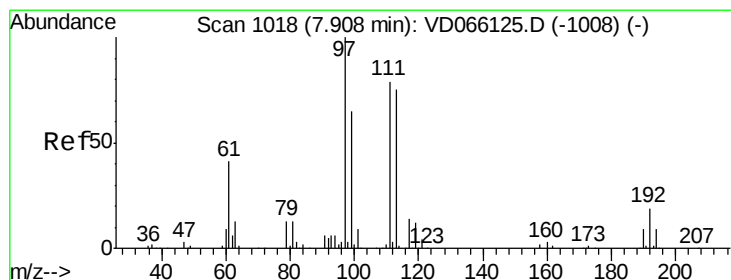
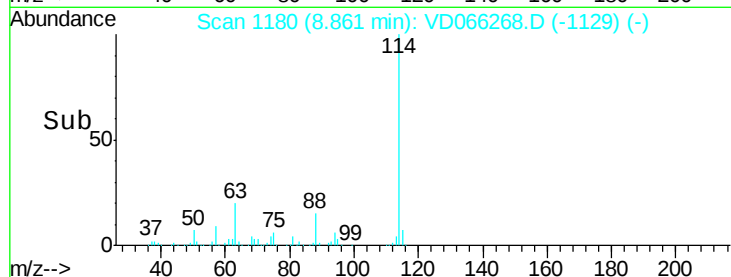
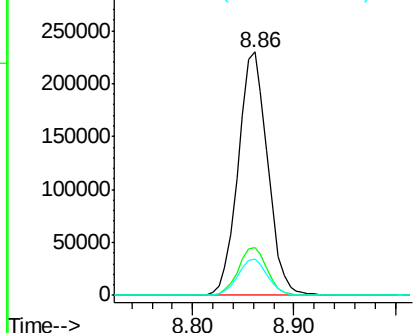
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066268.D
 Acq: 17 Aug 2020 20:00

Instrument :
 MSVOA_D
 ClientSampleId :
 S605-M-SO-1-1.5-081320RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	38.6
88	14.9	0.0	30.0

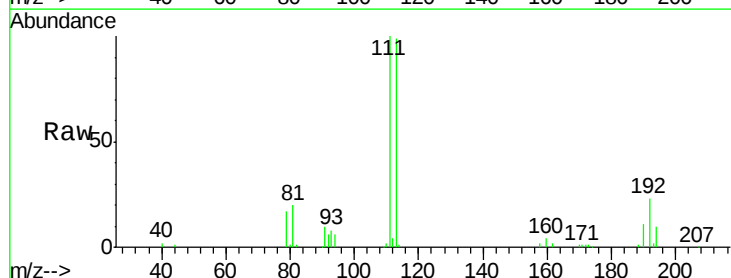


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

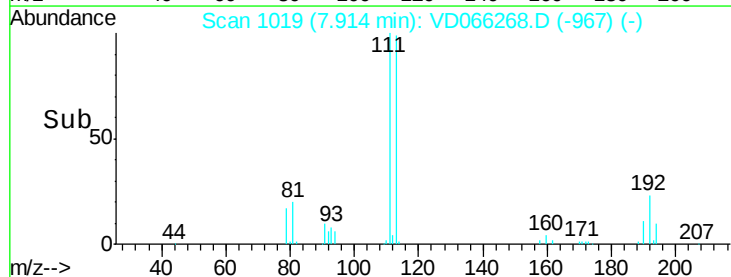
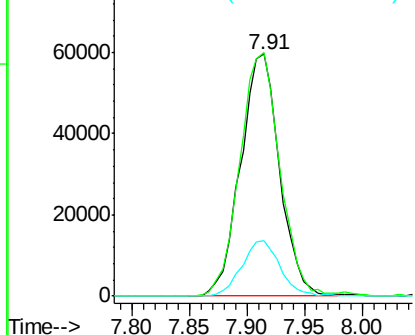


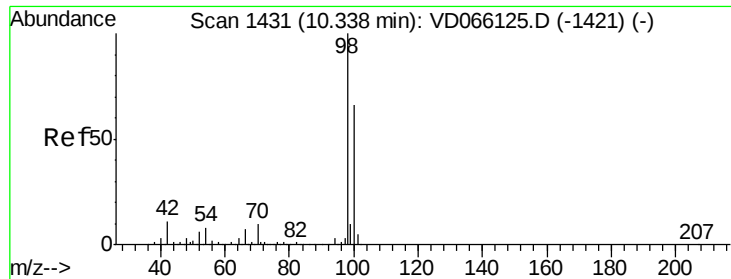
#35
 Dibromofluoromethane
 Concen: 47.659 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066268.D
 Acq: 17 Aug 2020 20:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.7	121.1
192	22.6	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: 53.906 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066268.D

Acq: 17 Aug 2020 20:00

Instrument :

MSVOA_D

ClientSampleId :

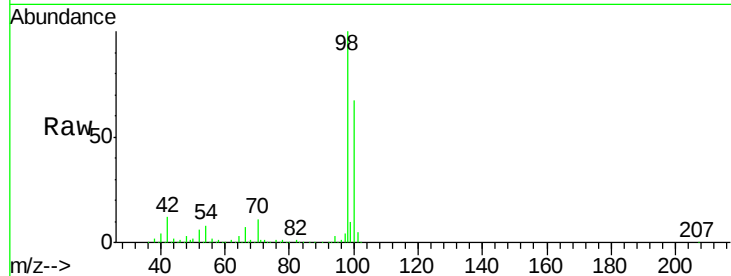
S605-M-SO-1-1.5-081320RE

Tot Ion: 98 Resp: 585101

Ion Ratio Lower Upper

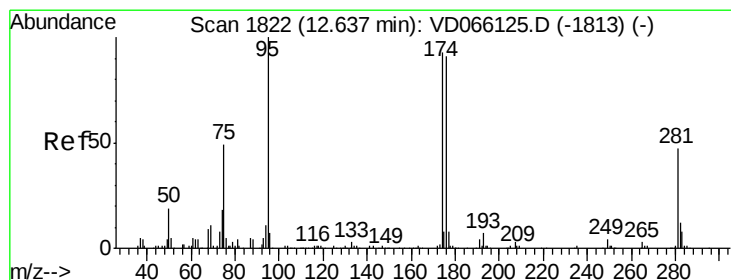
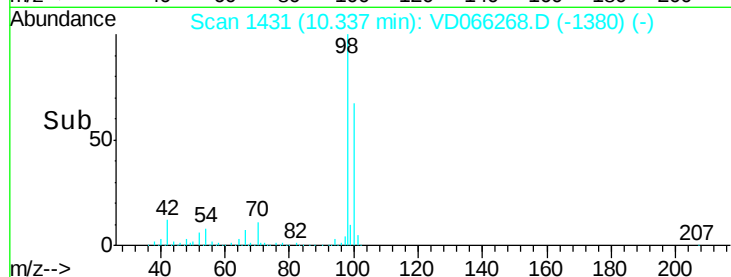
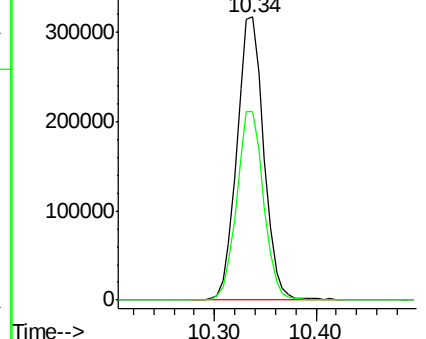
98 100

100 66.5 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 80.082 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066268.D

Acq: 17 Aug 2020 20:00

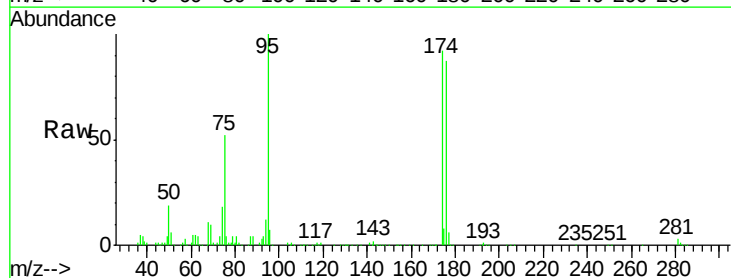
Tgt Ion: 95 Resp: 313317

Ion Ratio Lower Upper

95 100

174 91.5 0.0 180.8

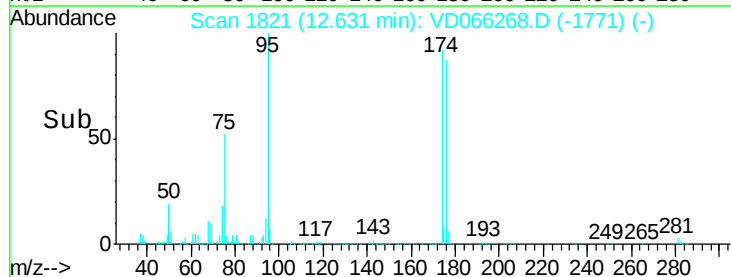
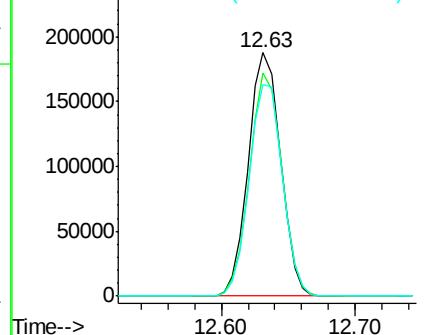
176 89.3 0.0 181.2

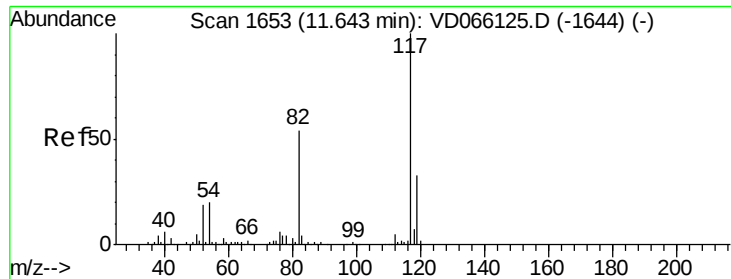


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

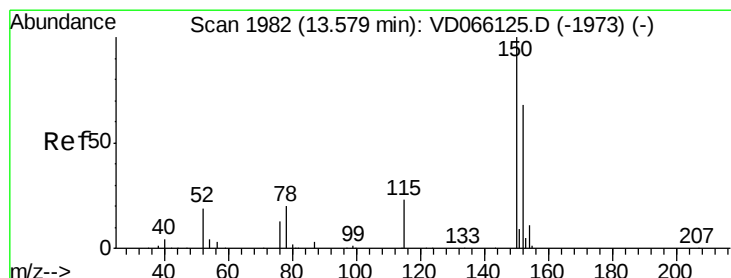
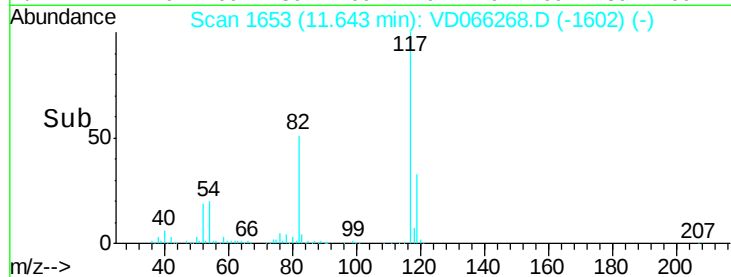
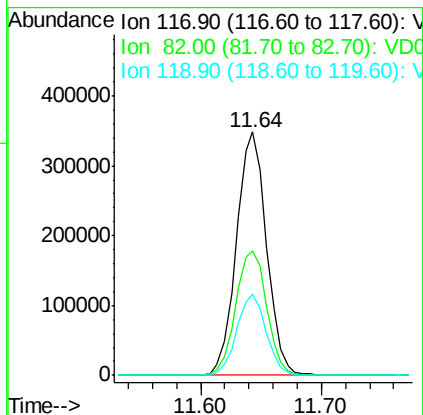
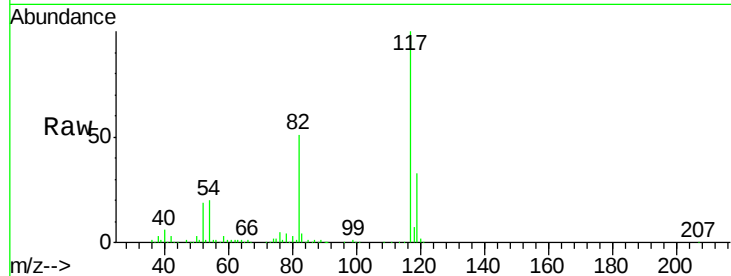




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066268.D
Acq: 17 Aug 2020 20:00

Instrument :
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S605-M-SO-1-1.5-081320RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	43.0	64.4
119	33.4	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: VD066268.D
Acq: 17 Aug 2020 20:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	28.0	83.9
150	156.1	0.0	346.4

