

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066305.D
 Acq On : 19 Aug 2020 05:50
 Operator : VA/SY
 Sample : L3689-10
 Misc : 7.61G/5.00ml/MSVOA D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: Aug 19 08:47:25 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

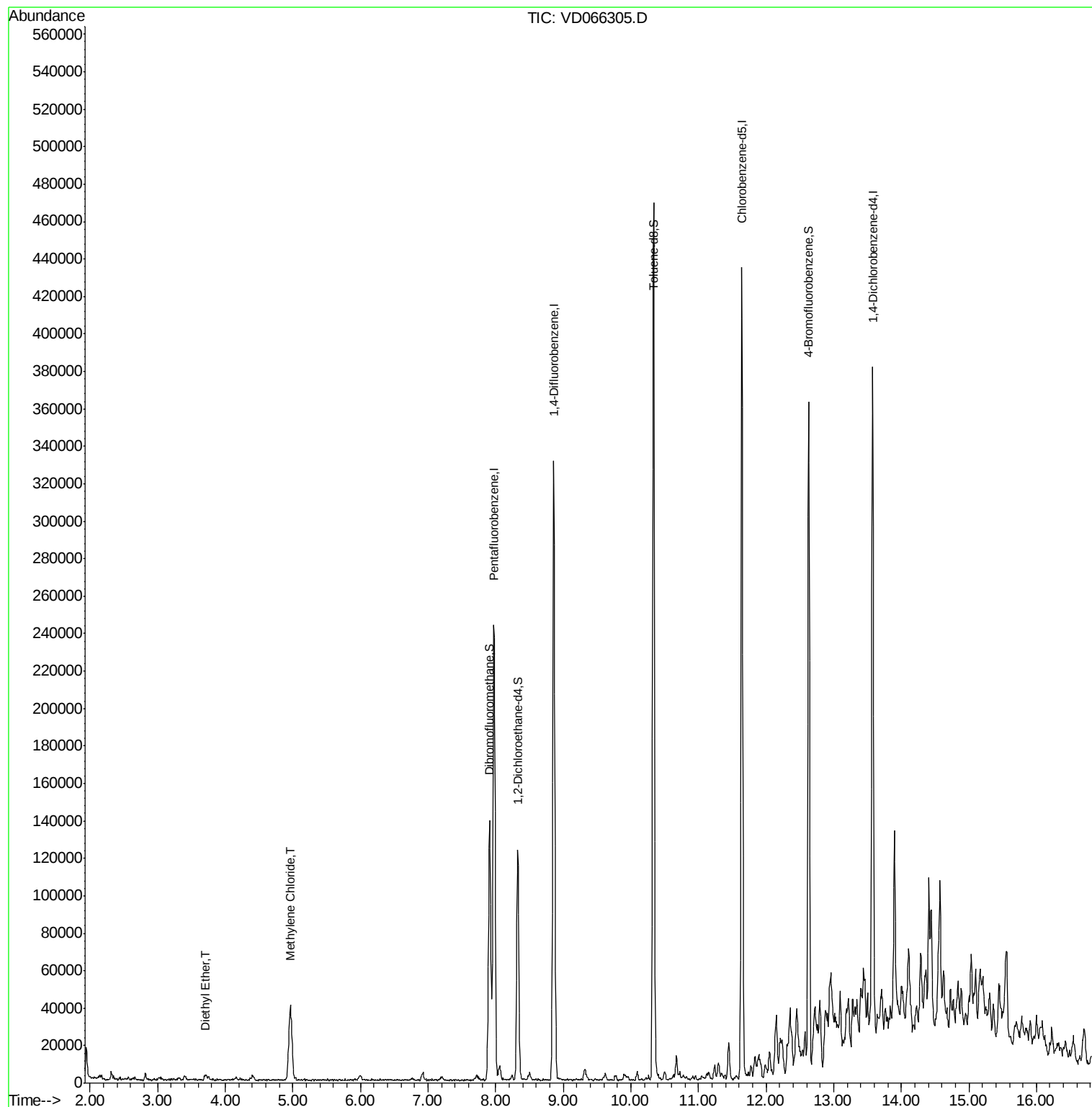
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	186930	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	294425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	252784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	100281	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	100405	60.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.42%	
35) Dibromofluoromethane	7.91	113	97681	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
50) Toluene-d8	10.34	98	315345	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	
62) 4-Bromofluorobenzene	12.63	95	104474	42.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.22%	
Target Compounds						
8) Diethyl Ether	3.70	74	1534	1.839	ug/l #	50
20) Methylene Chloride	4.97	84	30579	13.414	ug/l	92

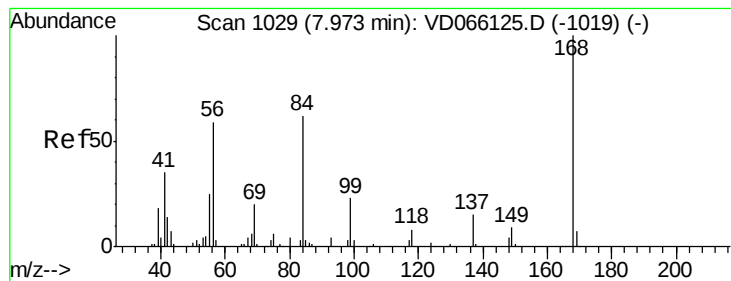
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066305.D

Acq: 19 Aug 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

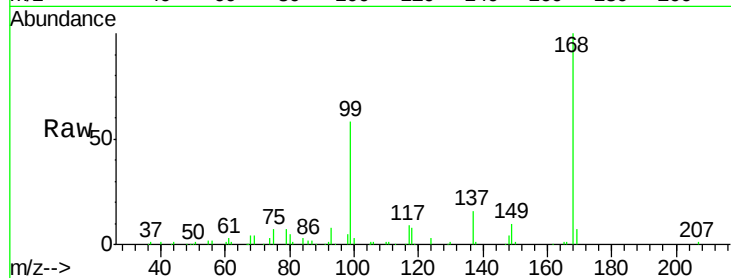
TP-3

Tot Ion:168 Resp: 186930

Ion Ratio Lower Upper

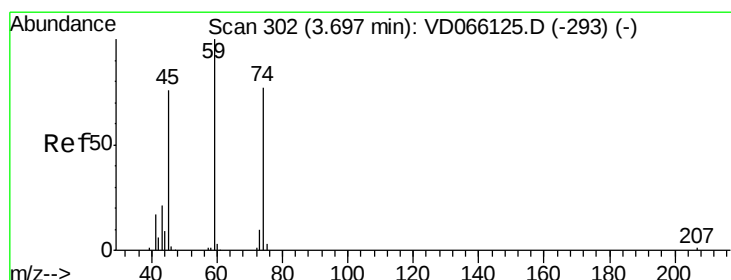
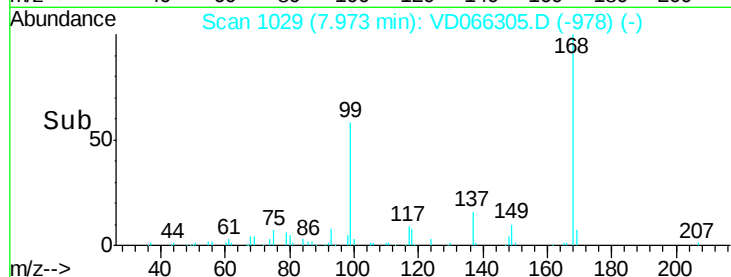
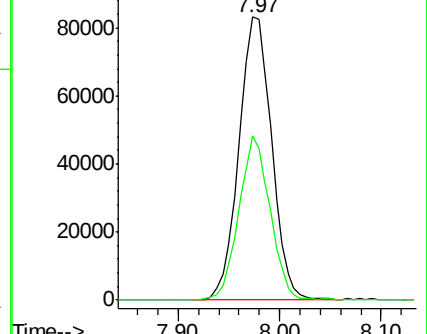
168 100

99 58.0 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#8

Diethyl Ether

Concen: 1.839 ug/l

RT: 3.70 min Scan# 303

Delta R.T. 0.01 min

Lab File: VD066305.D

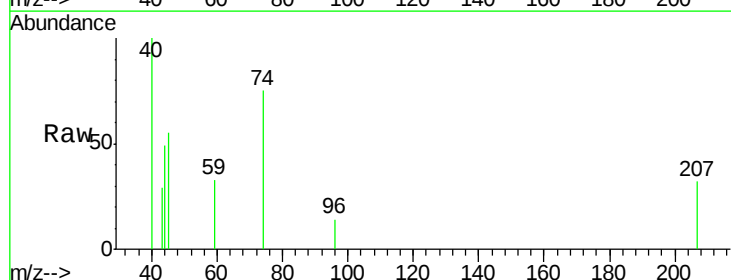
Acq: 19 Aug 2020 05:50

Tgt Ion: 74 Resp: 1534

Ion Ratio Lower Upper

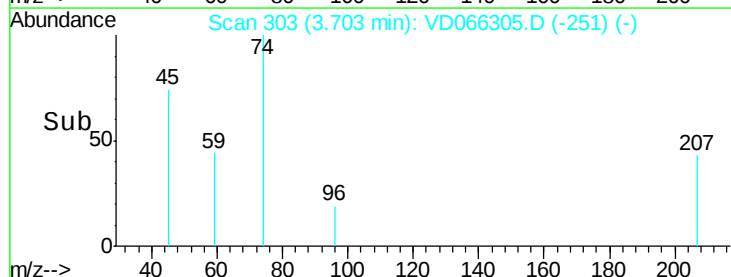
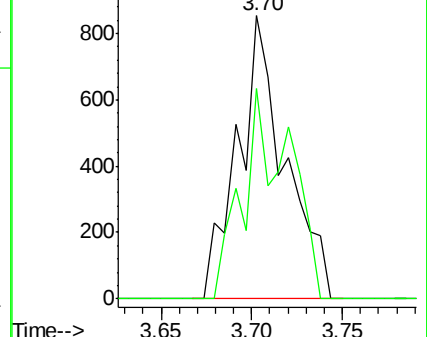
74 100

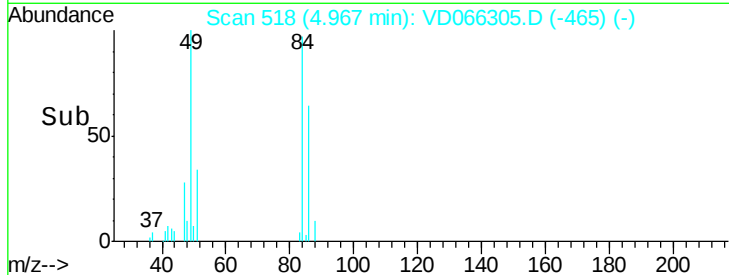
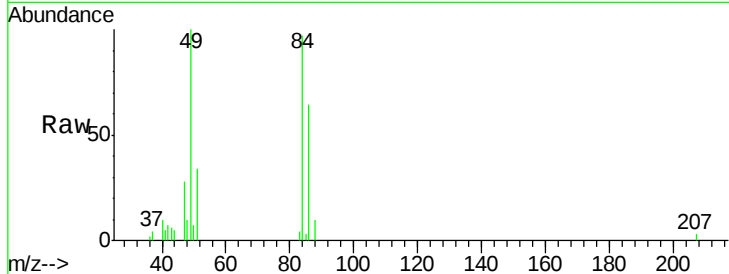
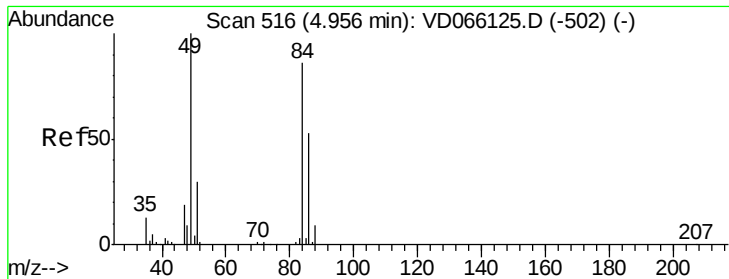
45 48.1 48.4 145.2#



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

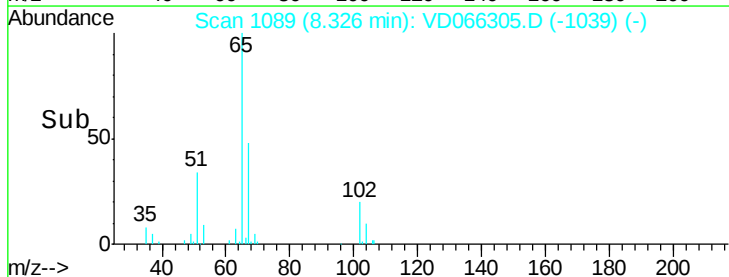
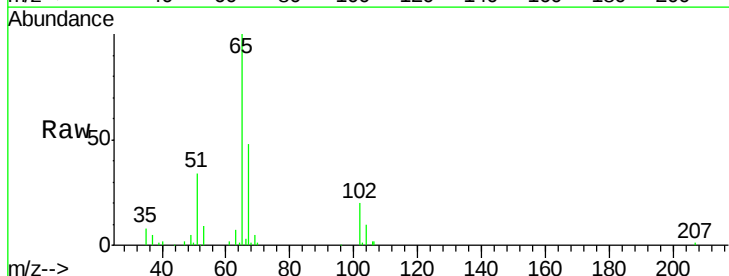
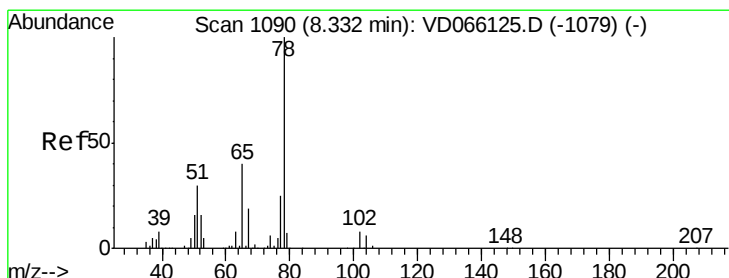
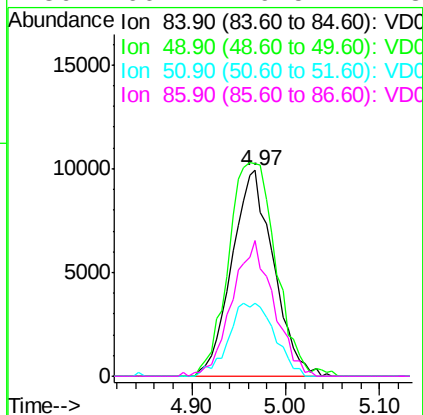




#20
Methvlene Chloride
Concen: 13.414 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066305.D
Acq: 19 Aug 2020 05:50

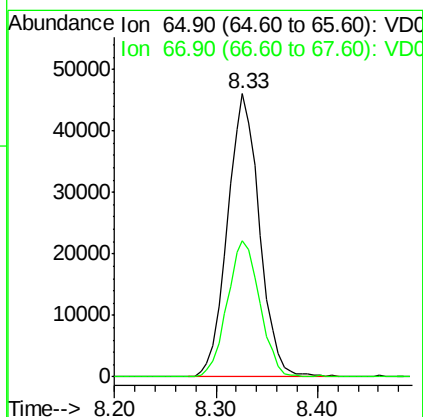
Instrument :
MSVOA_D
ClientSampleId :
TP-3

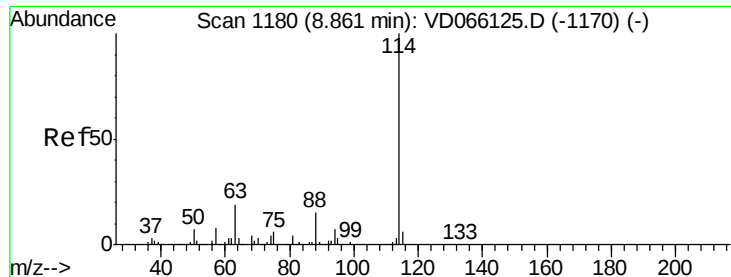
Tot Ion:	84	Resp:	30579
Ion	Ratio	Lower	Upper
84	100		
49	103.3	93.5	140.3
51	35.2	28.2	42.4
86	66.1	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 60.206 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066305.D
Acq: 19 Aug 2020 05:50

Tgt Ion:	65	Resp:	100405
Ion	Ratio	Lower	Upper
65	100		
67	49.0	0.0	104.6

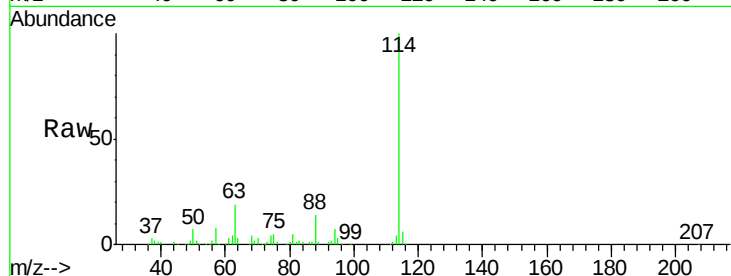




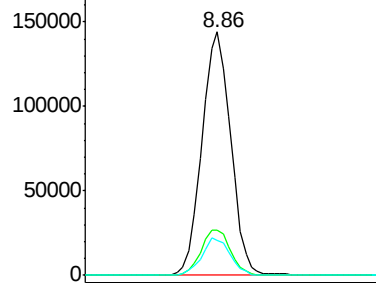
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066305.D
 Acq: 19 Aug 2020 05:50

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

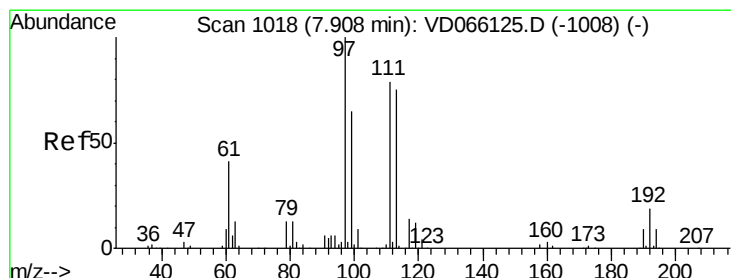
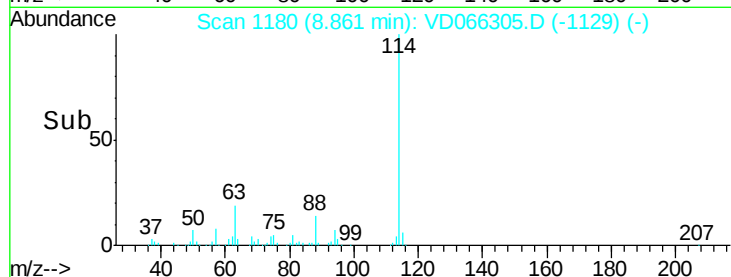
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	38.6
88	14.4	0.0	30.0



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

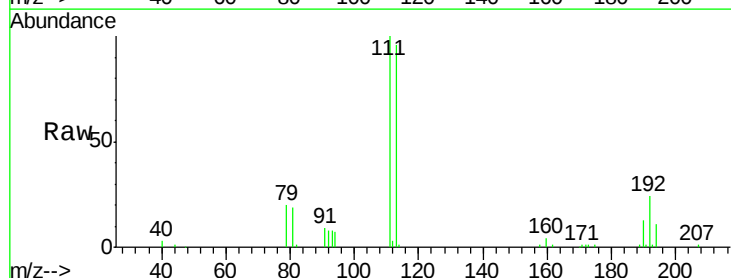


Time-->

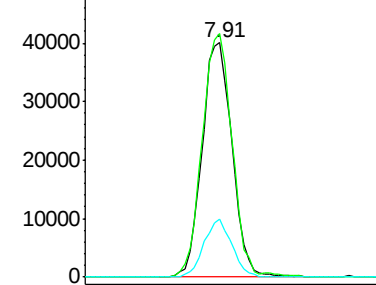


#35
 Dibromofluoromethane
 Concen: 52.372 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066305.D
 Acq: 19 Aug 2020 05:50

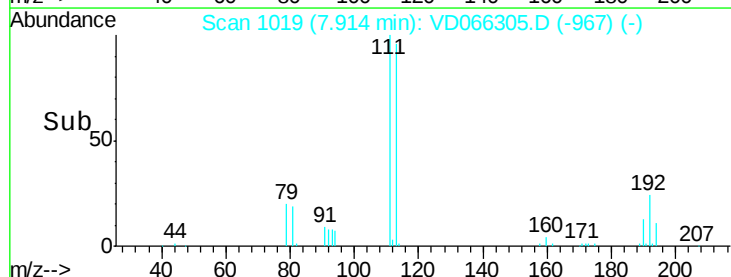
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.7	121.1
192	23.0	18.4	27.6

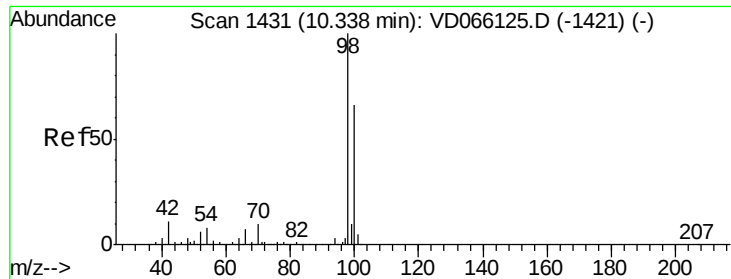


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->





#50

Toluene-d8

Concen: 45.816 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066305.D

Acq: 19 Aug 2020 05:50

Instrument :

MSVOA_D

ClientSampleId :

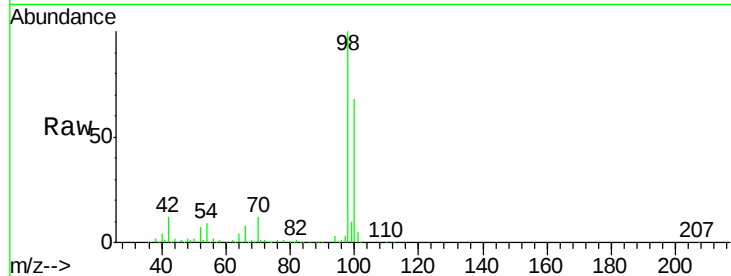
TP-3

Tot Ion: 98 Resp: 315345

Ion Ratio Lower Upper

98 100

100 66.7 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VD066125.D (-1421) (-)

Ion 100.00 (99.70 to 100.70): VD066125.D (-1421) (-)

10.34

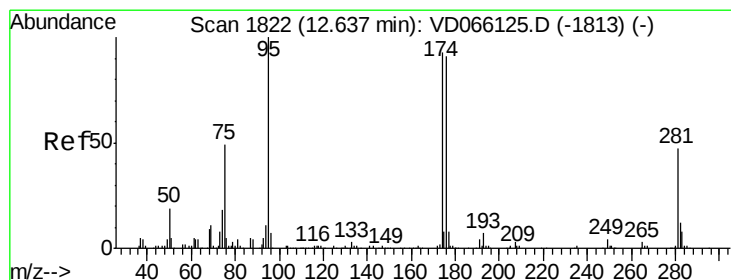
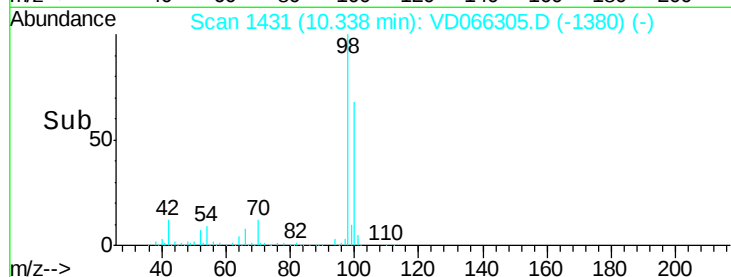
150000

100000

50000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 42.110 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066305.D

Acq: 19 Aug 2020 05:50

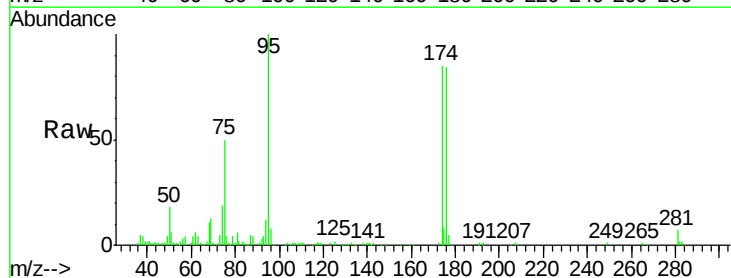
Tgt Ion: 95 Resp: 104474

Ion Ratio Lower Upper

95 100

174 88.6 0.0 180.8

176 86.7 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VD066125.D (-1813) (-)

Ion 173.80 (173.50 to 174.50): VD066125.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD066125.D (-1813) (-)

12.63

80000

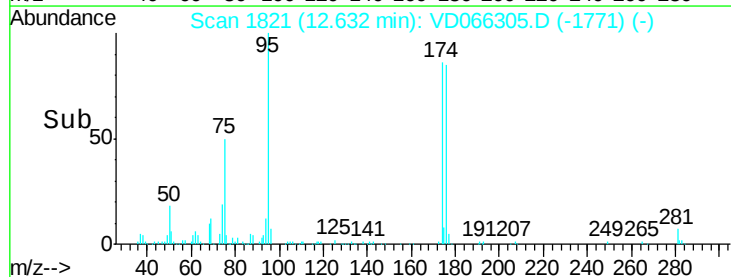
60000

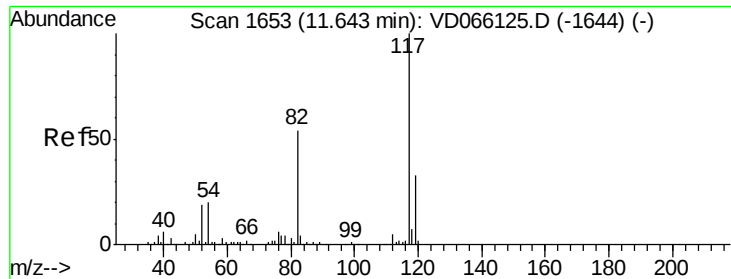
40000

20000

0

Time--> 12.60 12.65

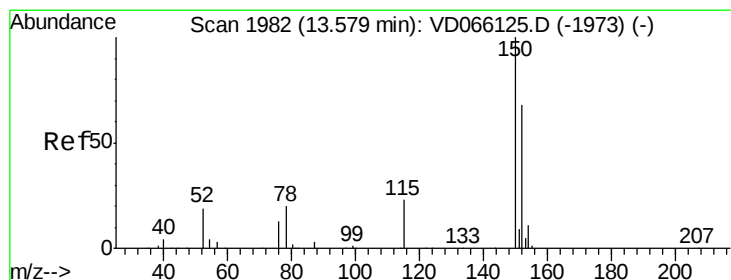
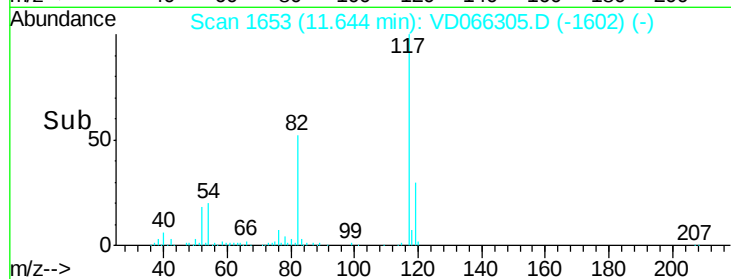
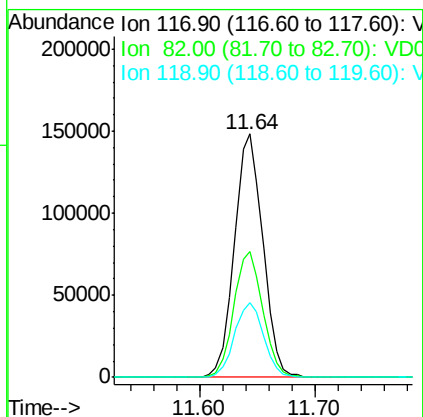
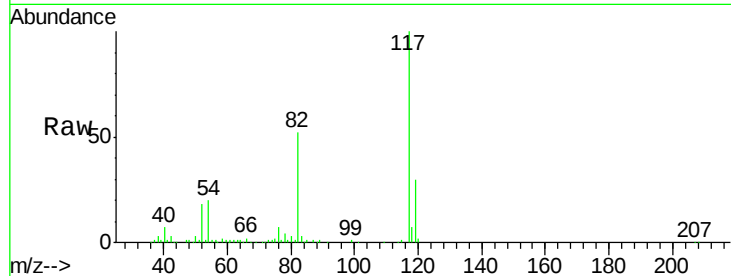




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066305.D
Acq: 19 Aug 2020 05:50

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	43.0	64.4
119	30.4	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: VD066305.D
Acq: 19 Aug 2020 05:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	28.0	83.9
150	154.4	0.0	346.4

