

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080620\
 Data File : VD066134.D
 Acq On : 06 Aug 2020 15:03
 Operator : VA/SY
 Sample : L3502-01
 Misc : 7.84G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-080520

Quant Time: Aug 07 01:49:48 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

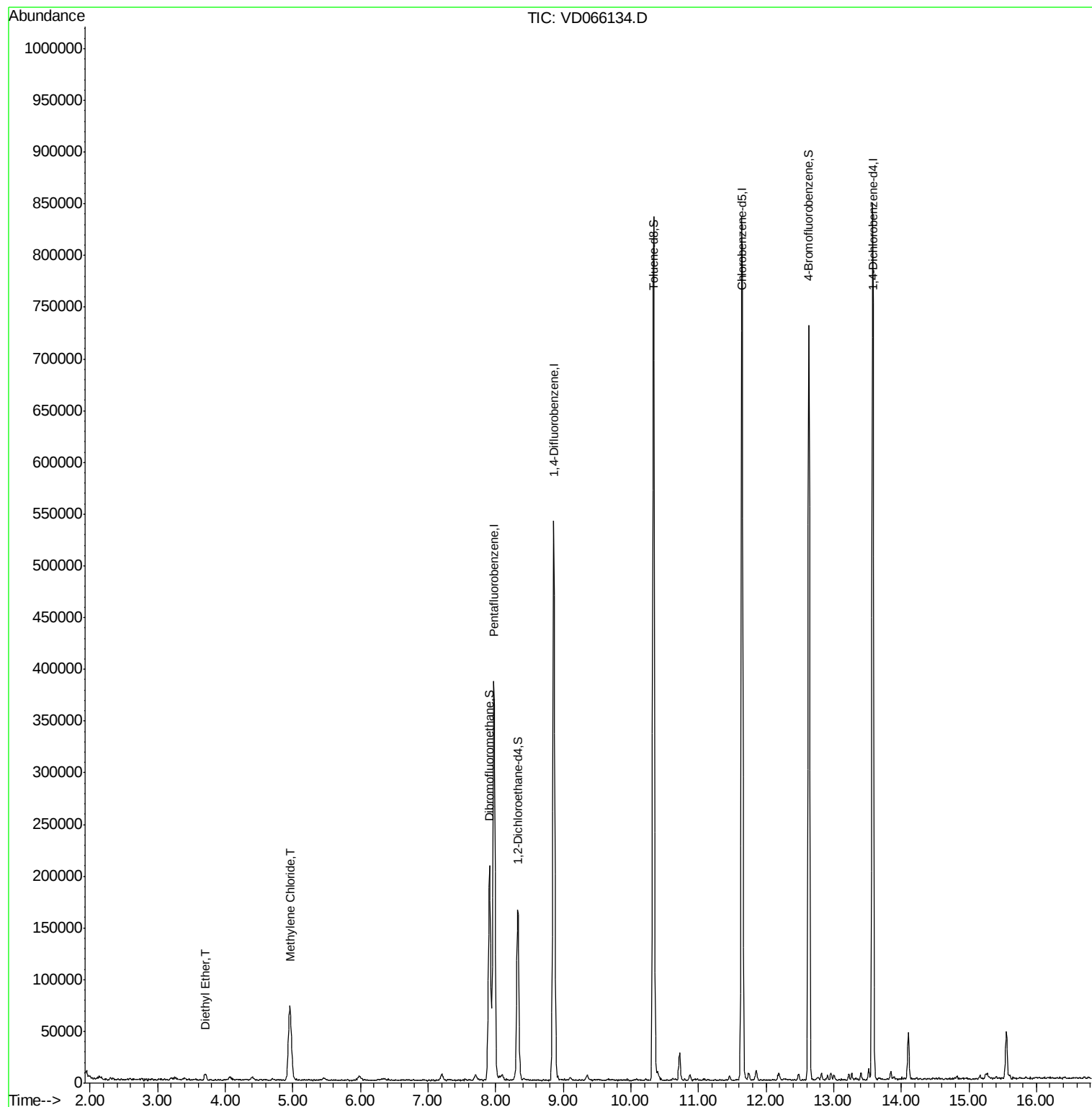
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	303294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	485049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	500603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	238234	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	129749	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
35) Dibromofluoromethane	7.91	113	150874	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
50) Toluene-d8	10.34	98	578868	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
62) 4-Bromofluorobenzene	12.64	95	228769	55.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.94%	
Target Compounds						
8) Diethyl Ether	3.70	74	2627	1.941	ug/l	65
20) Methylene Chloride	4.96	84	57249	16.270	ug/l	95

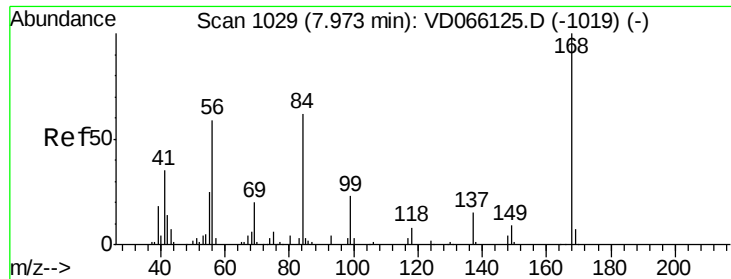
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066134.D

Acq: 06 Aug 2020 15:03

Instrument :

MSVOA_D

ClientSampleId :

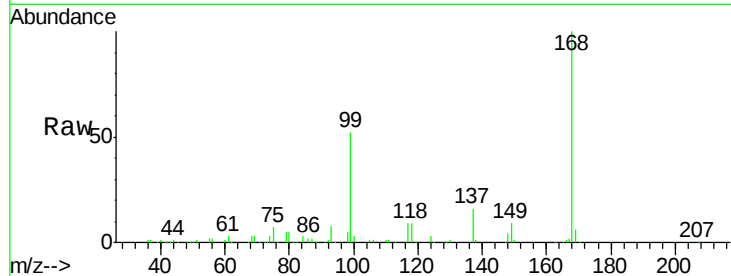
OK-03-080520

Tot Ion:168 Resp: 303294

Ion Ratio Lower Upper

168 100

99 52.3 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

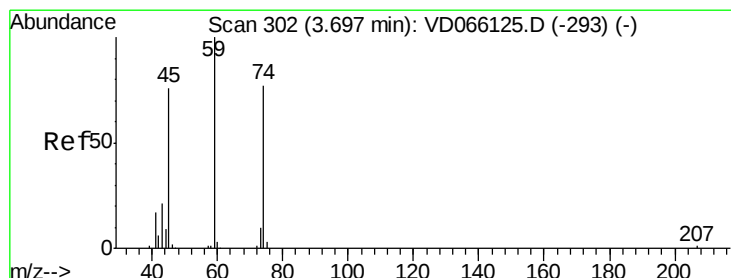
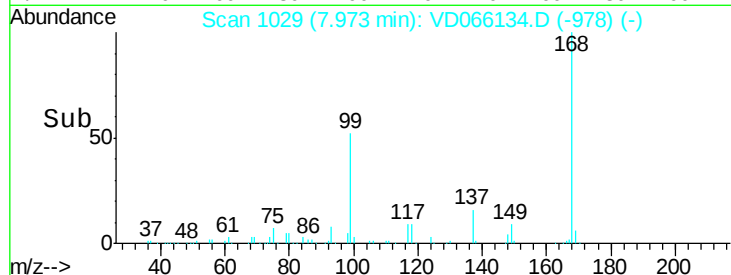
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.941 ug/l

RT: 3.70 min Scan# 303

Delta R.T. 0.01 min

Lab File: VD066134.D

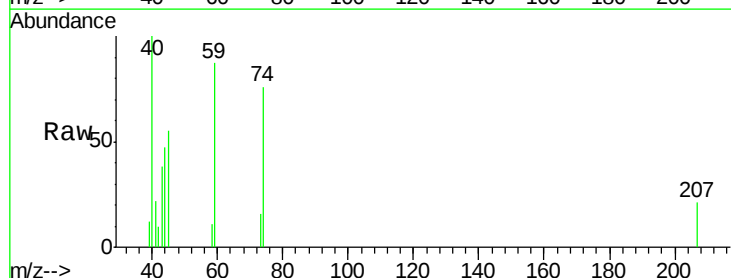
Acq: 06 Aug 2020 15:03

Tgt Ion: 74 Resp: 2627

Ion Ratio Lower Upper

74 100

45 131.6 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

3.70

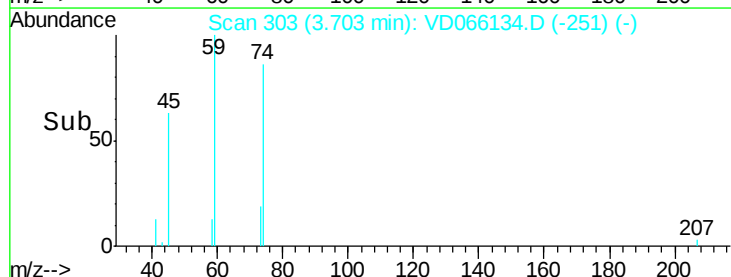
1500

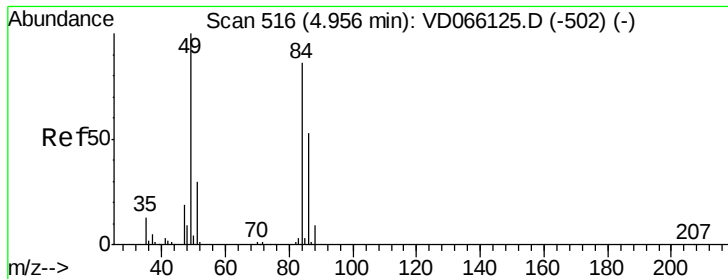
1000

500

0

Time-->

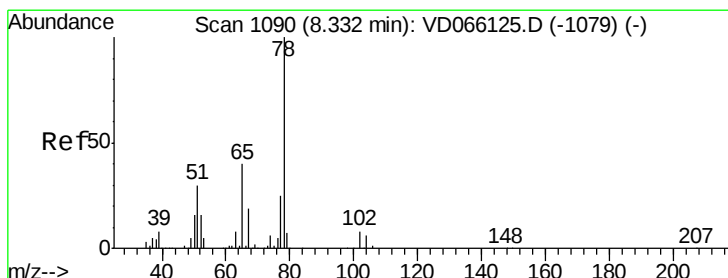
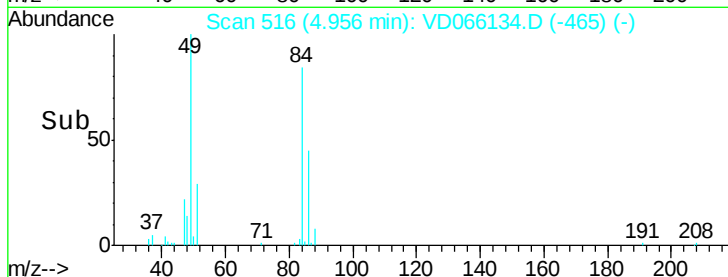
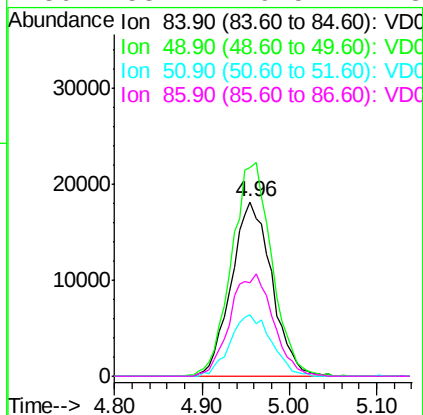
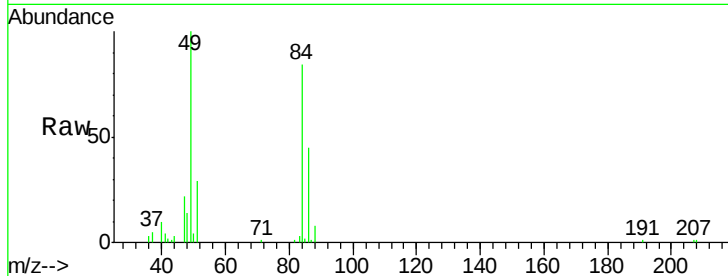




#20
Methvlene Chloride
Concen: 16.270 ug/l
RT: 4.96 min Scan# 516
Delta R.T. 0.00 min
Lab File: VD066134.D
Acq: 06 Aug 2020 15:03

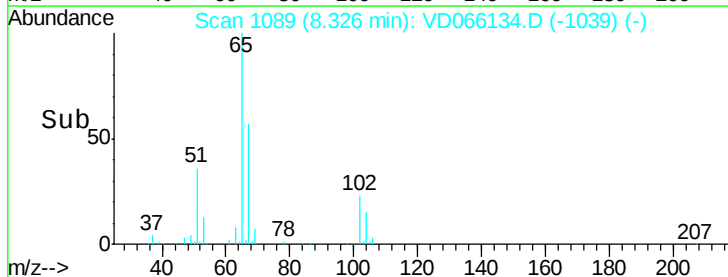
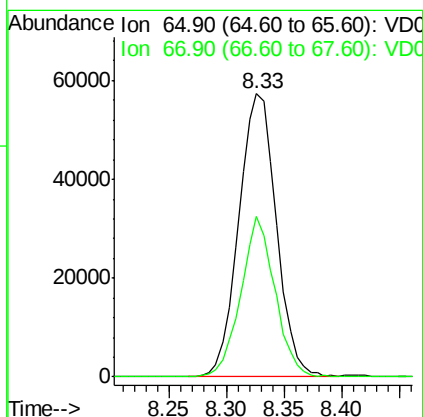
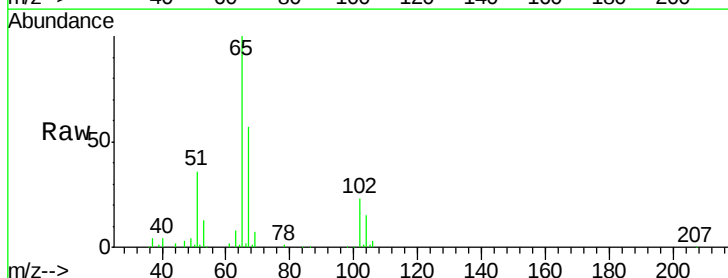
Instrument :
MSVOA_D
ClientSampleId :
OK-03-080520

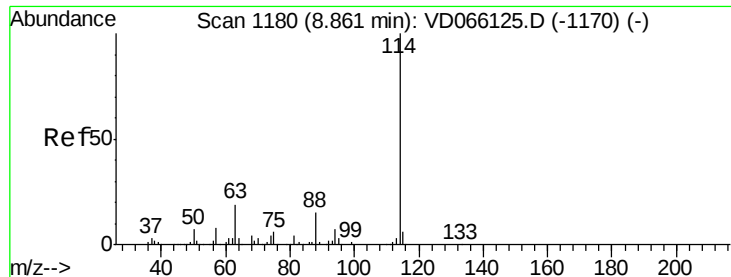
Tot Ion:	84	Resp:	57249
Ion	Ratio	Lower	Upper
84	100		
49	119.6	93.5	140.3
51	35.3	28.2	42.4
86	53.4	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 47.951 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066134.D
Acq: 06 Aug 2020 15:03

Tgt Ion:	65	Resp:	129749
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.6

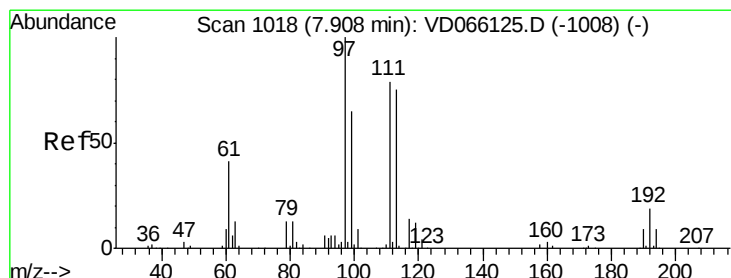
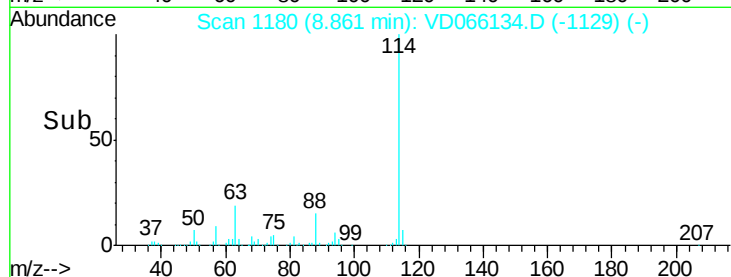
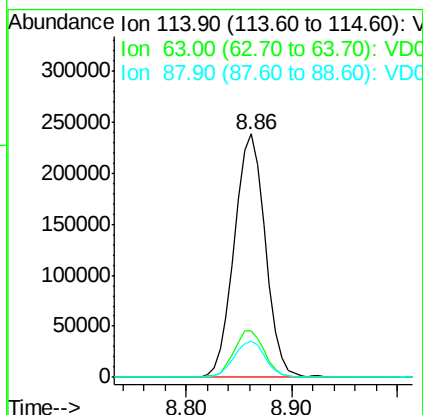
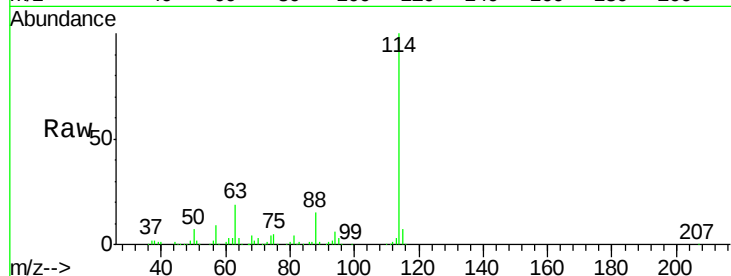




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066134.D
 Acq: 06 Aug 2020 15:03

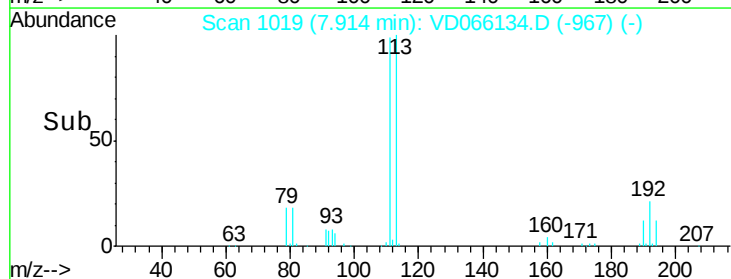
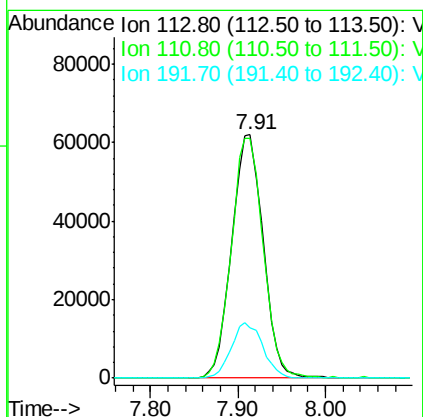
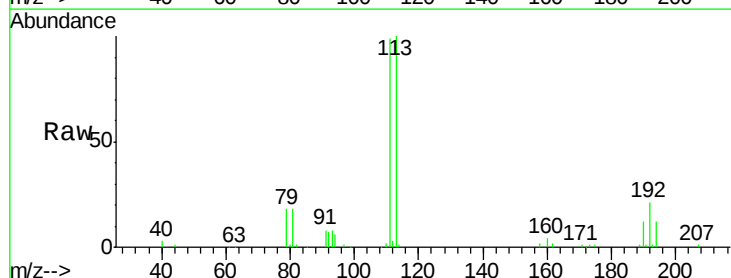
Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-080520

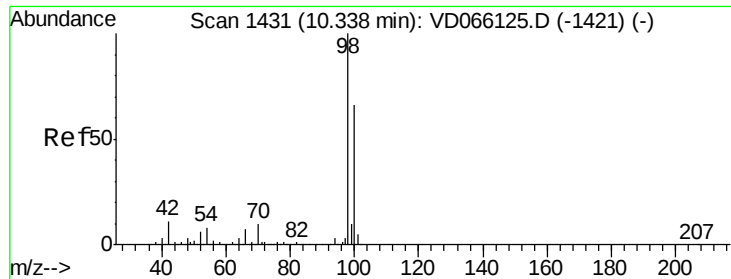
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.6
88	14.8	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 49.101 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066134.D
 Acq: 06 Aug 2020 15:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.1	80.7	121.1
192	22.8	18.4	27.6





#50

Toluene-d8

Concen: 51.050 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066134.D

Acq: 06 Aug 2020 15:03

Instrument :

MSVOA_D

ClientSampleId :

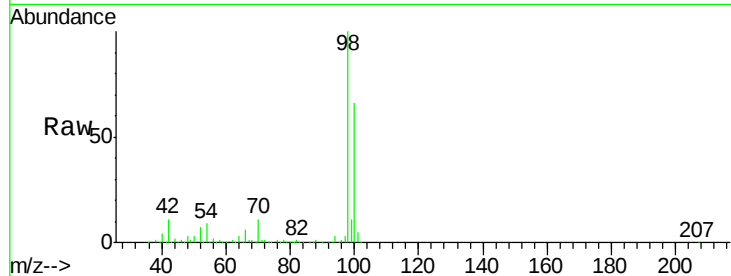
OK-03-080520

Tot Ion: 98 Resp: 578868

Ion Ratio Lower Upper

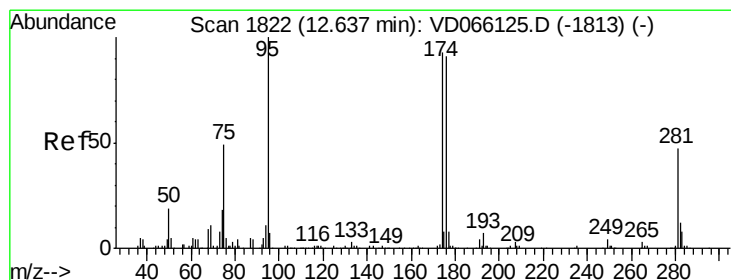
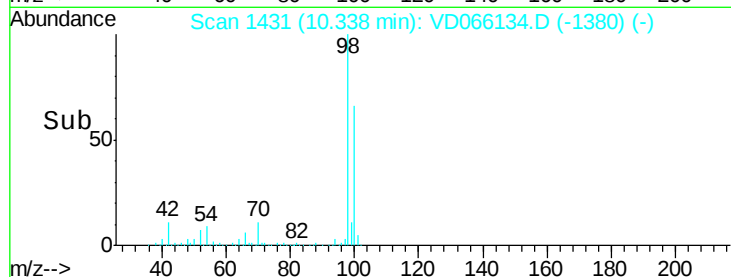
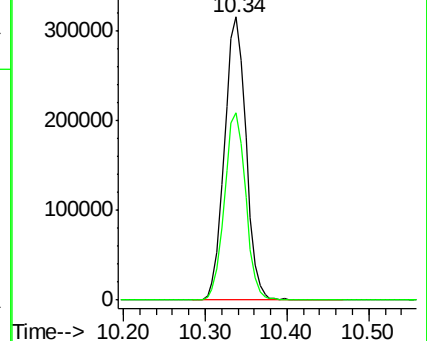
98 100

100 65.3 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: 55.970 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD066134.D

Acq: 06 Aug 2020 15:03

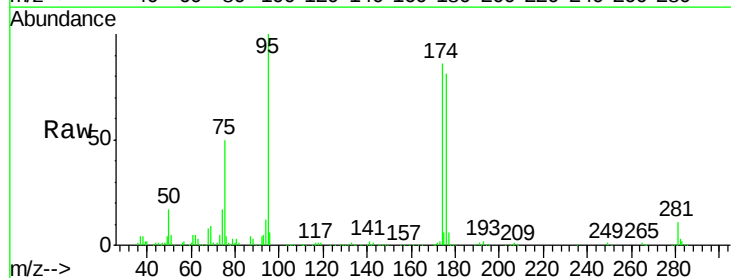
Tgt Ion: 95 Resp: 228769

Ion Ratio Lower Upper

95 100

174 90.2 0.0 180.8

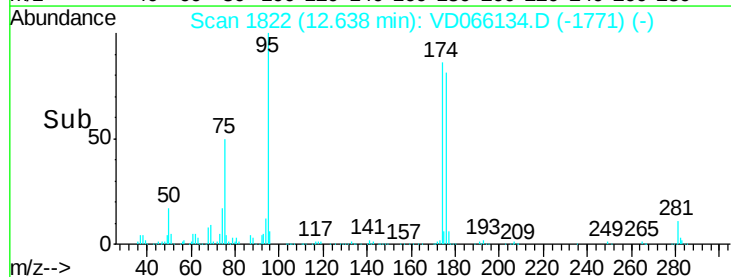
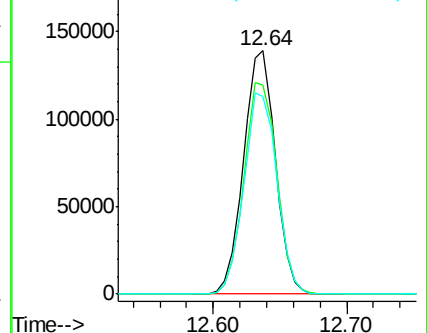
176 85.7 0.0 181.2

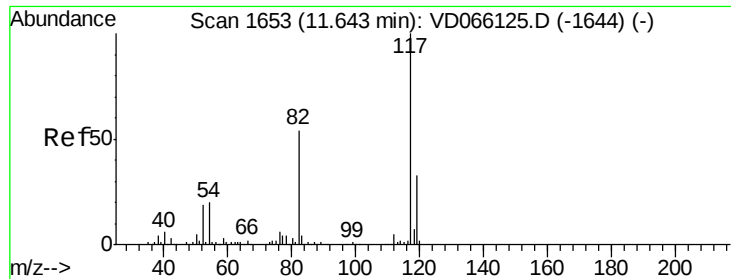


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

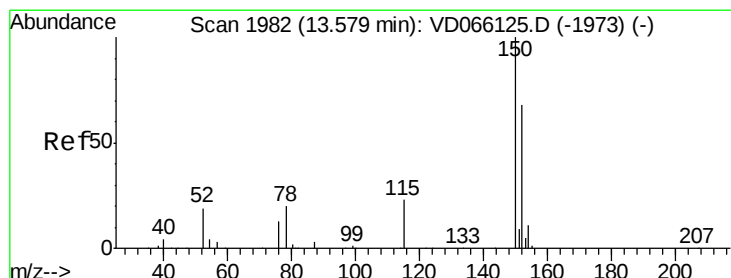
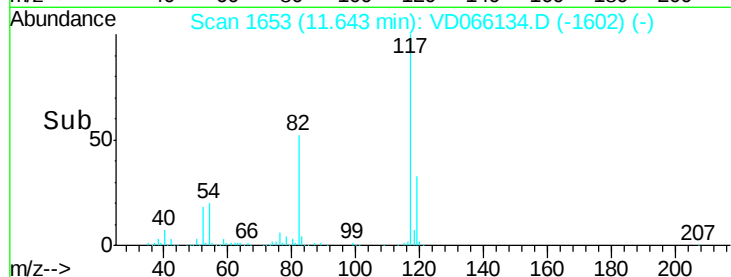
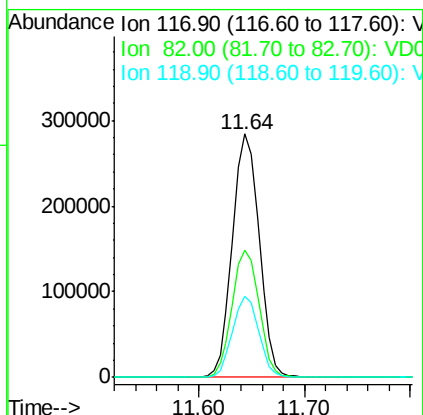
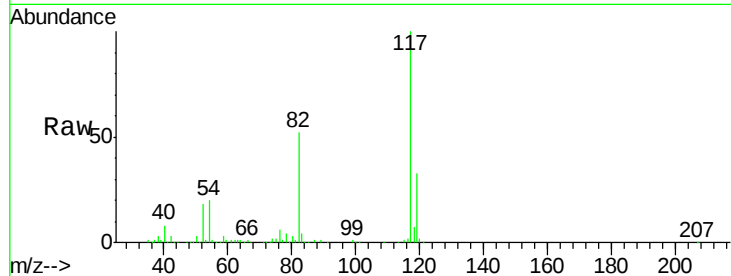




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066134.D
Acq: 06 Aug 2020 15:03

Instrument :
MSVOA_D
ClientSampleId :
OK-03-080520

Tot Ion:117 Resp: 500603
Ion Ratio Lower Upper
117 100
82 52.1 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: VD066134.D
Acq: 06 Aug 2020 15:03

Tgt Ion:152 Resp: 238234
Ion Ratio Lower Upper
152 100
115 56.3 28.0 83.9
150 154.7 0.0 346.4

