

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092220\
 Data File : VD066813.D
 Acq On : 22 Sep 2020 16:17
 Operator : VA/SY
 Sample : L3866-06
 Misc : 8.18G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-092120

Quant Time: Sep 23 02:39:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	398941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	747714	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	726638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	316420	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	225613	57.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.56%	
35) Dibromofluoromethane	7.91	113	244439	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
50) Toluene-d8	10.34	98	903979	55.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.54%	
62) 4-Bromofluorobenzene	12.63	95	309253	55.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.48%	

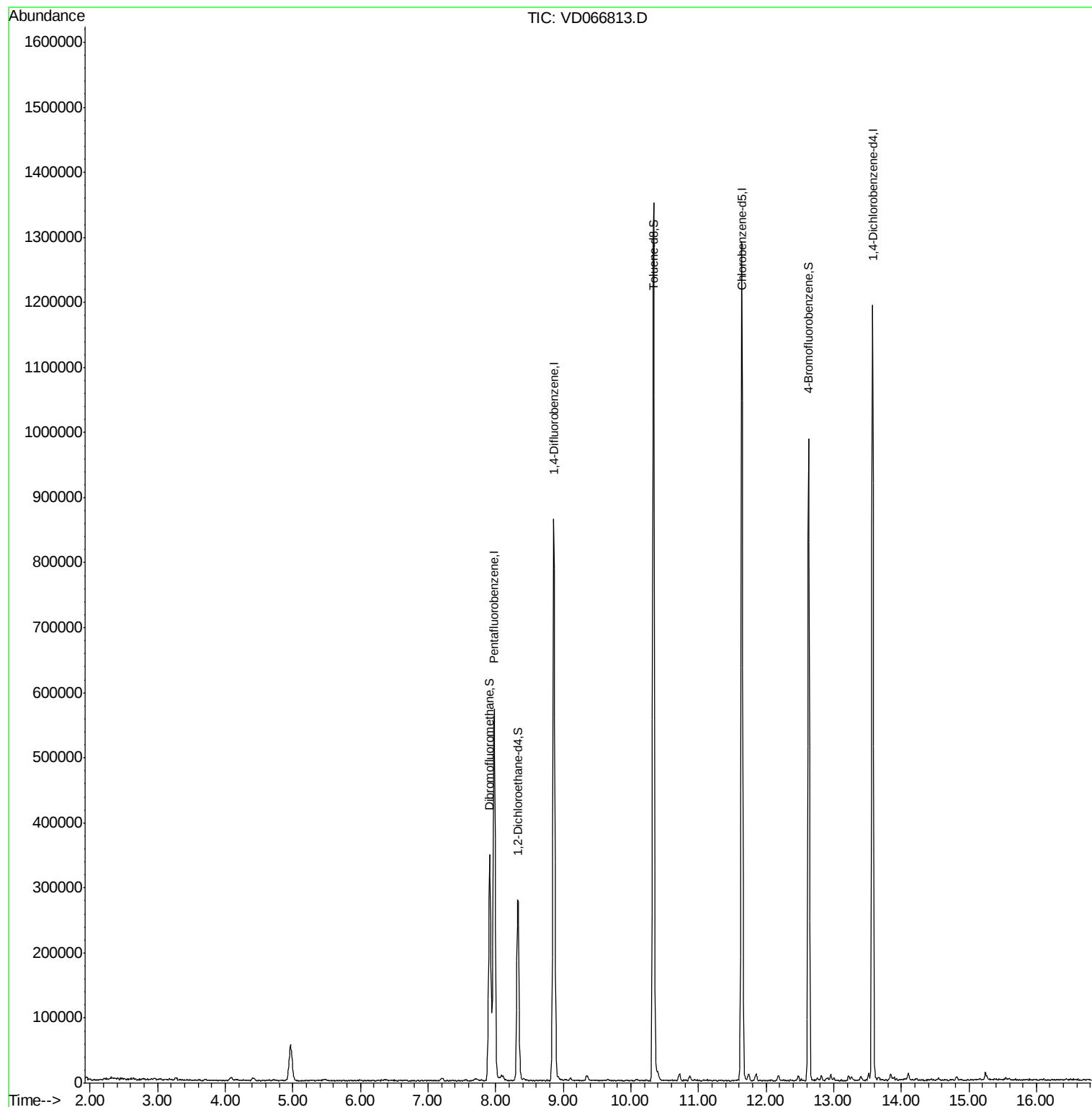
Target Compounds	Qvalue

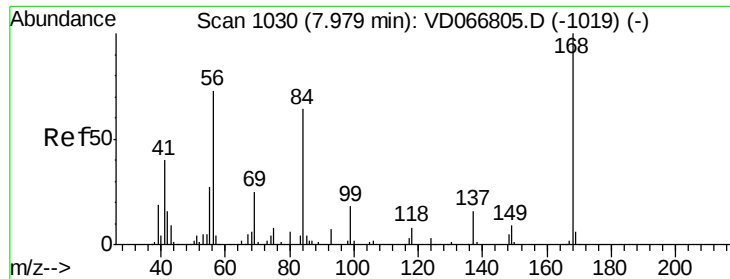
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066813.D

Acq: 22 Sep 2020 16:17

Instrument :

MSVOA_D

ClientSampleId :

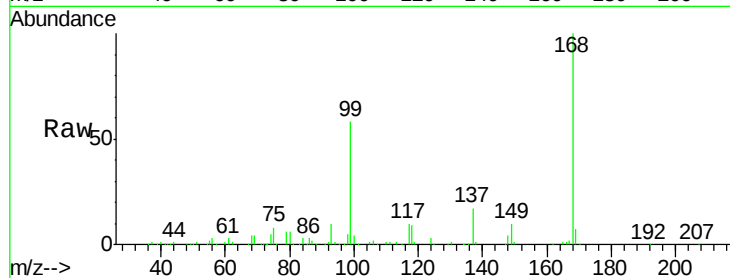
OK-01-092120

Tot Ion:168 Resp: 398941

Ion Ratio Lower Upper

168 100

99 57.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

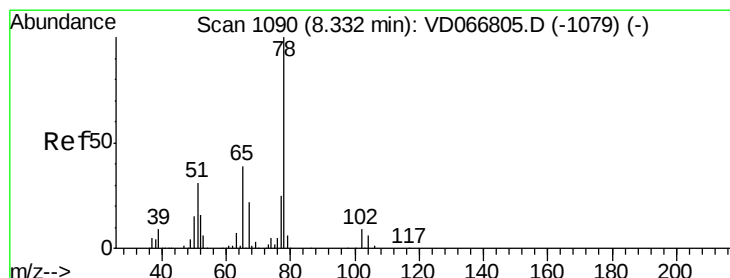
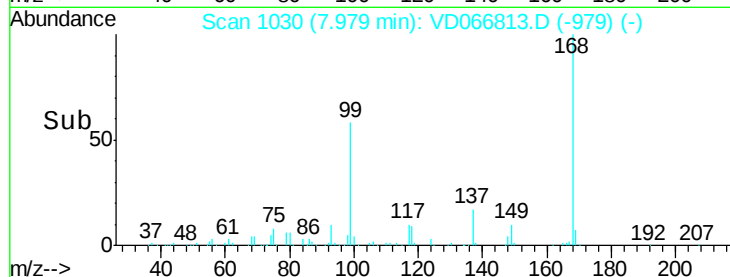
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.780 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066813.D

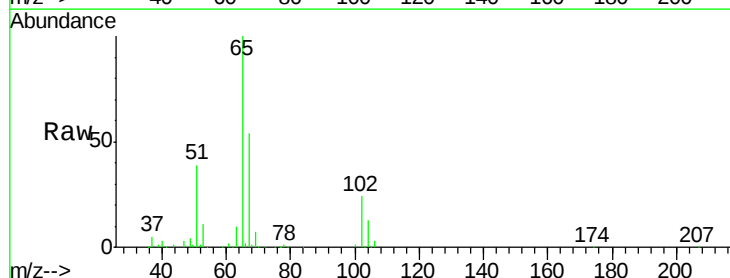
Acq: 22 Sep 2020 16:17

Tgt Ion: 65 Resp: 225613

Ion Ratio Lower Upper

65 100

67 51.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

60000

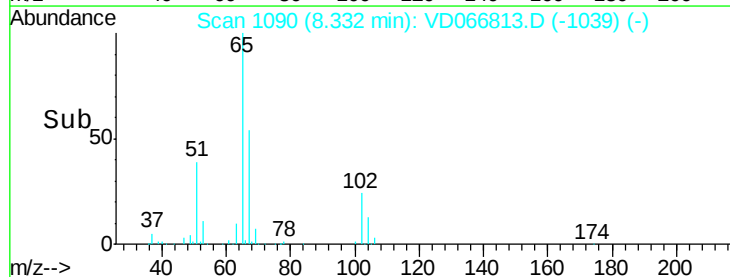
40000

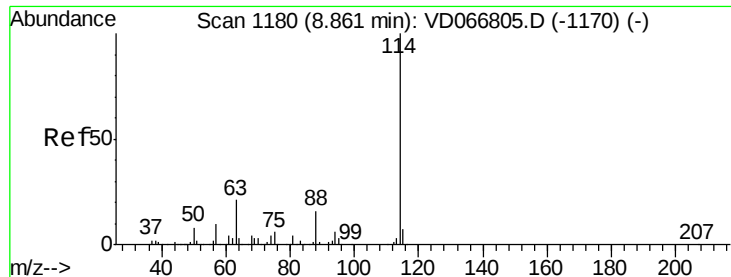
20000

0

8.25 8.30 8.35 8.40

Time-->

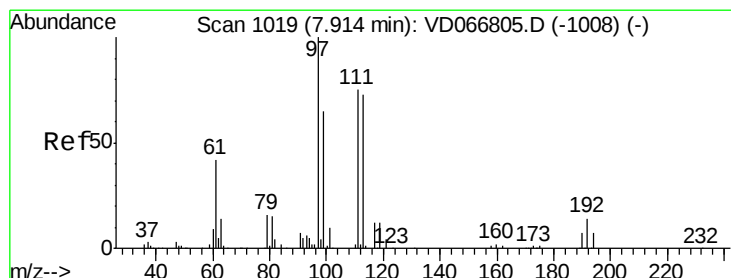
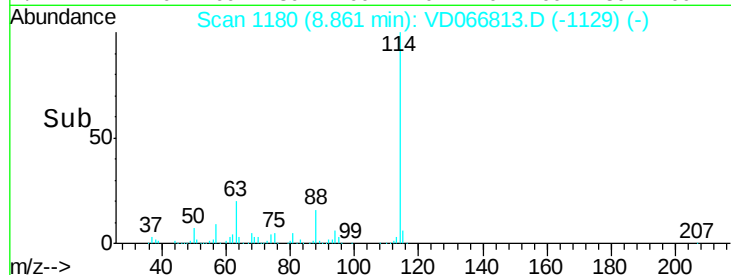
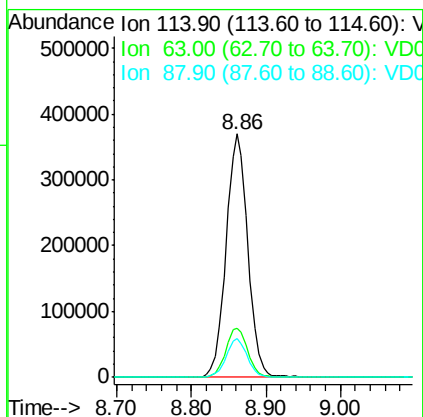
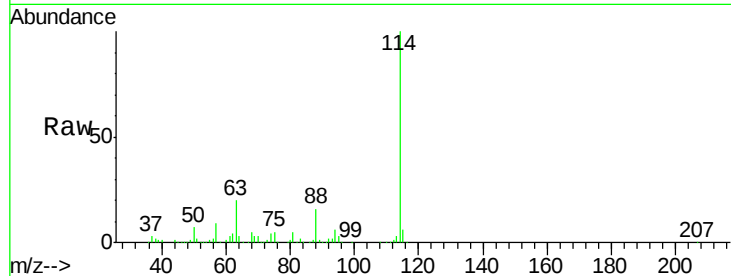




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066813.D
 Acq: 22 Sep 2020 16:17

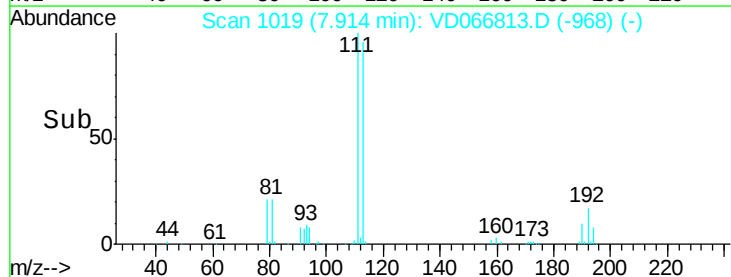
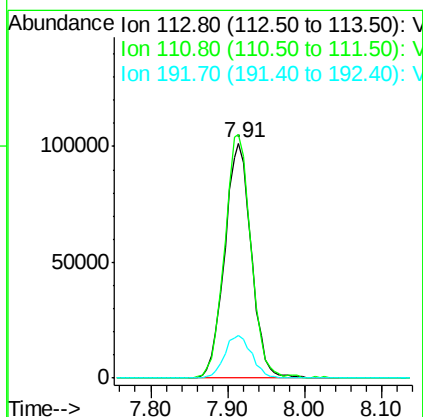
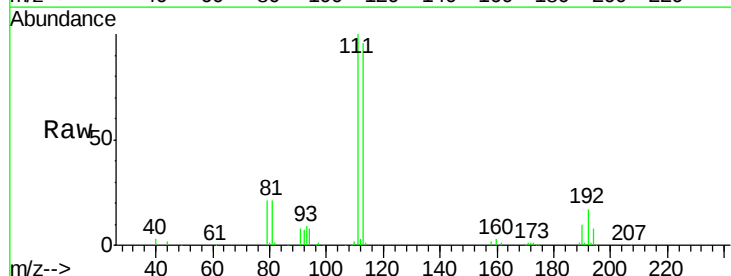
Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-092120

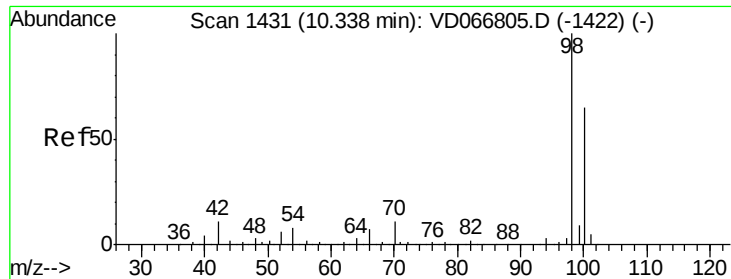
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	42.6
88	15.9	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 51.386 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066813.D
 Acq: 22 Sep 2020 16:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.8	122.8
192	18.4	14.4	21.6





#50

Toluene-d8

Concen: 55.774 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066813.D

Acq: 22 Sep 2020 16:17

Instrument :

MSVOA_D

ClientSampleId :

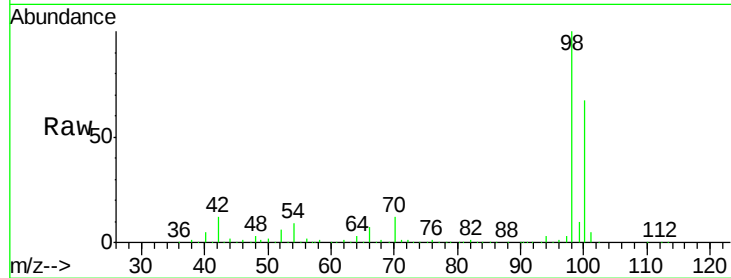
OK-01-092120

Tot Ion: 98 Resp: 903979

Ion Ratio Lower Upper

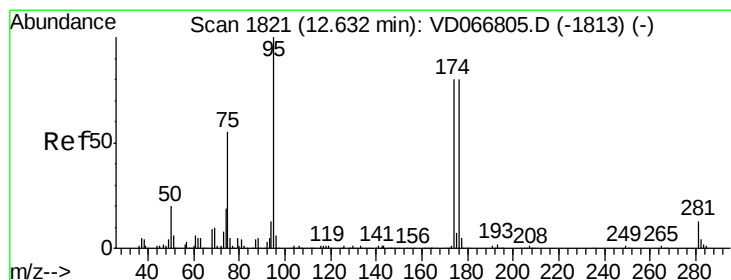
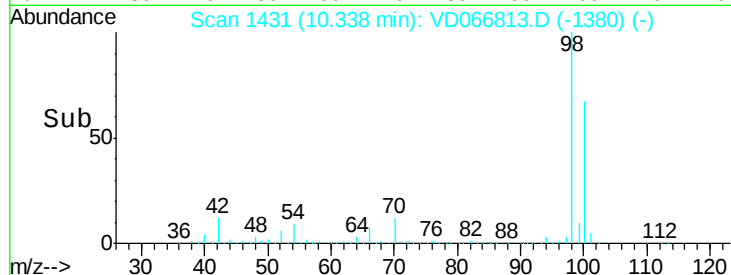
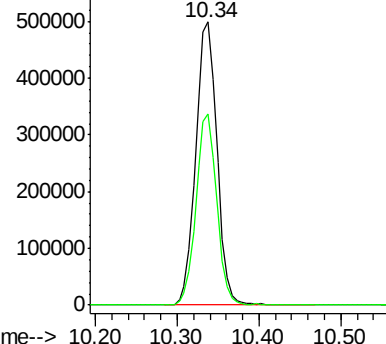
98 100

100 65.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 55.736 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066813.D

Acq: 22 Sep 2020 16:17

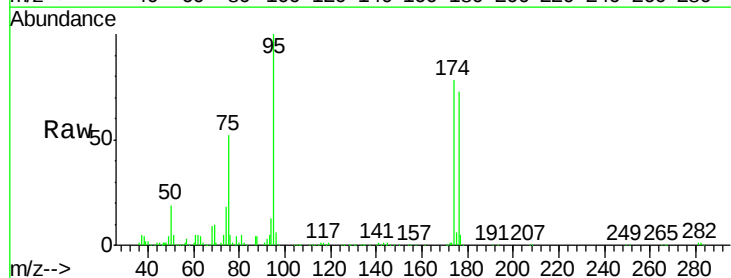
Tgt Ion: 95 Resp: 309253

Ion Ratio Lower Upper

95 100

174 78.7 0.0 159.8

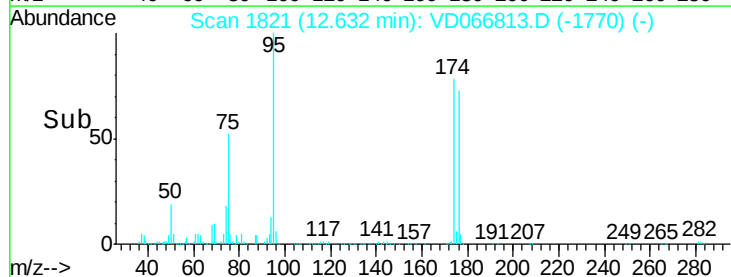
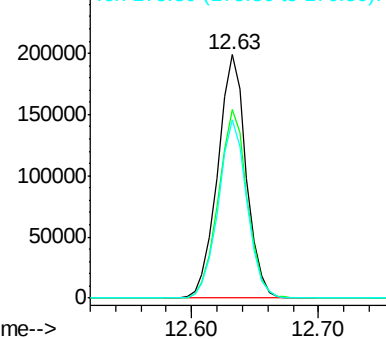
176 74.0 0.0 154.4

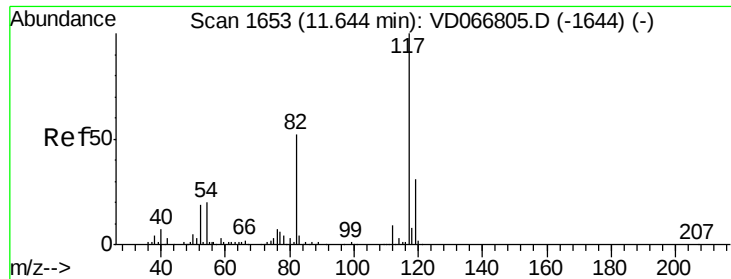


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

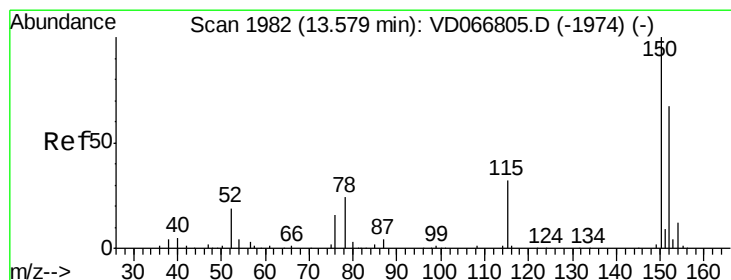
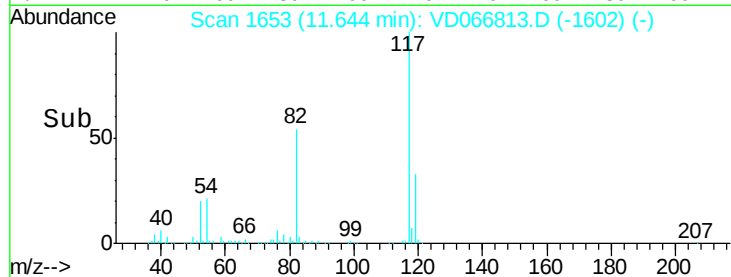
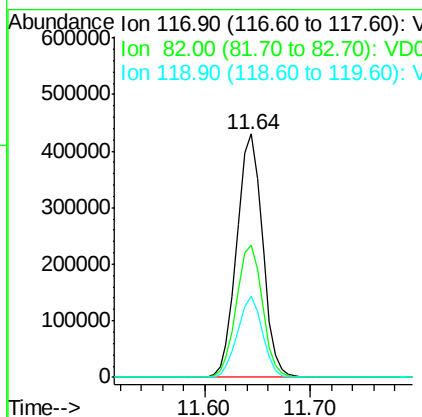
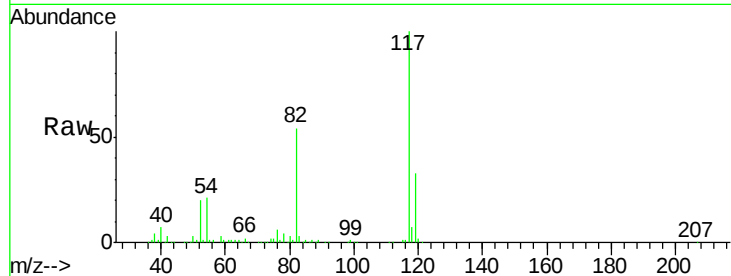




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066813.D
Acq: 22 Sep 2020 16:17

Instrument :
MSVOA_D
ClientSampleId :
OK-01-092120

Tot Ion:117 Resp: 726638
Ion Ratio Lower Upper
117 100
82 54.3 41.8 62.6
119 33.3 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066813.D
Acq: 22 Sep 2020 16:17

Tgt Ion:152 Resp: 316420
Ion Ratio Lower Upper
152 100
115 59.3 30.3 91.0
150 155.6 0.0 346.2

