

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066873.D
 Acq On : 25 Sep 2020 14:48
 Operator : VA/SY
 Sample : L4131-01
 Misc : 6.36G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-215

Quant Time: Sep 26 04:22:11 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

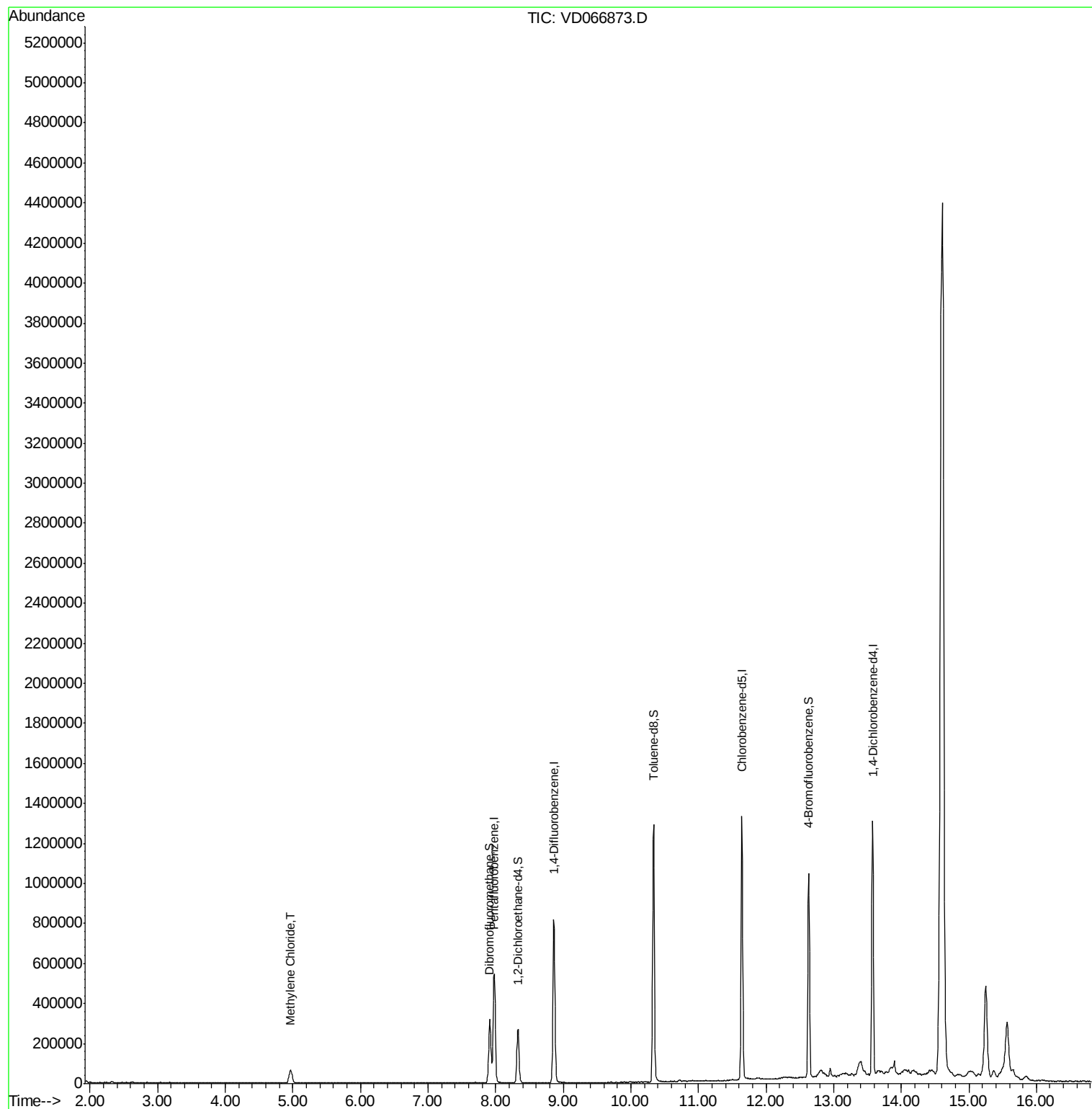
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	403817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	718398	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	749270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	337337	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	217730	55.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.18%	
35) Dibromofluoromethane	7.91	113	226131	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
50) Toluene-d8	10.34	98	879170	56.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.92%	
62) 4-Bromofluorobenzene	12.63	95	340823	63.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.86%	
Target Compounds						
20) Methylene Chloride	4.97	84	52894	6.641	ug/l	Qvalue 91

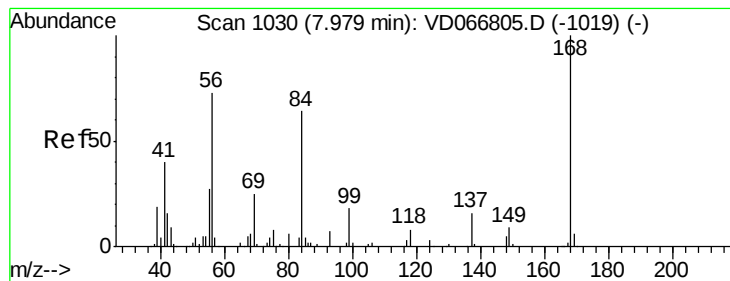
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066873.D

Acq: 25 Sep 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

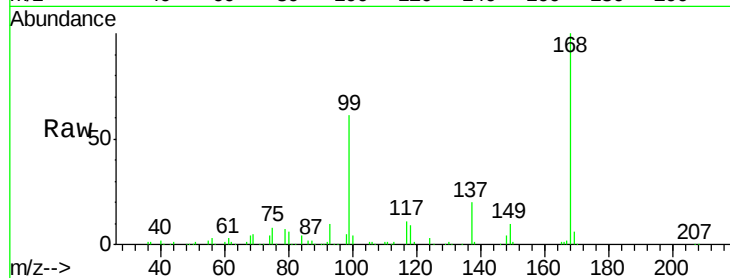
VNJ-215

Tot Ion:168 Resp: 403817

Ion Ratio Lower Upper

168 100

99 61.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

200000

150000

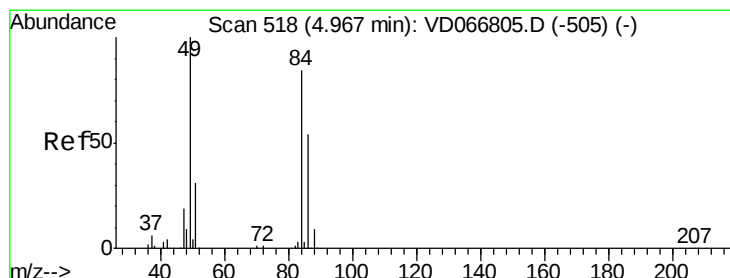
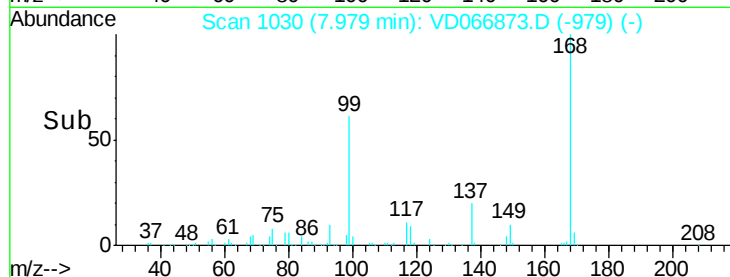
100000

50000

0

7.90 8.00 8.10

Time-->



#20

Methylene Chloride

Concen: 6.641 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD066873.D

Acq: 25 Sep 2020 14:48

Tgt Ion: 84 Resp: 52894

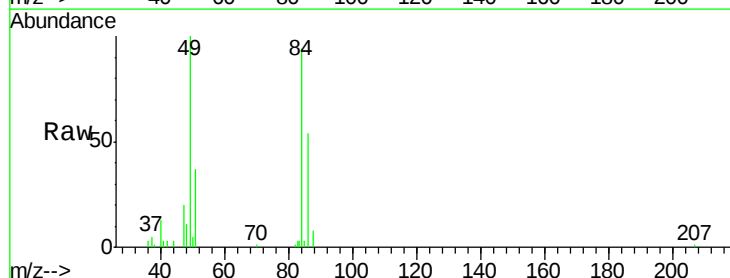
Ion Ratio Lower Upper

84 100

49 106.9 95.4 143.2

51 39.2 29.7 44.5

86 58.0 51.4 77.2



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

30000

25000

20000

15000

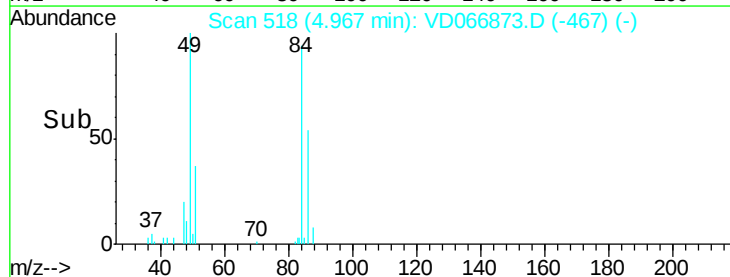
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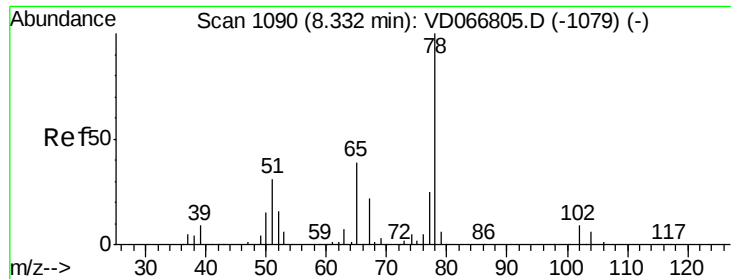
5000

0

4.90 5.00 5.10

Time-->

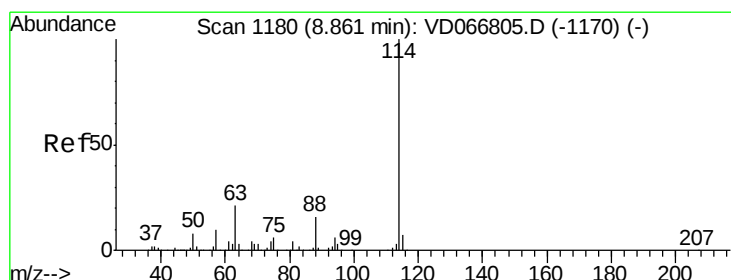
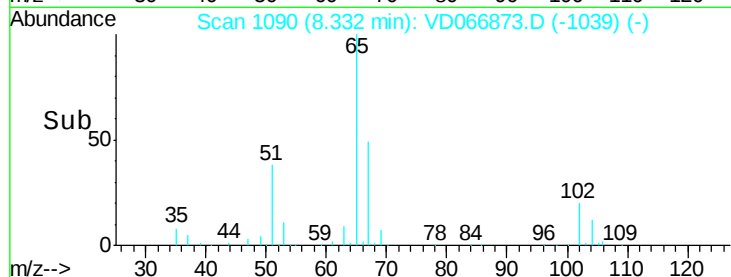
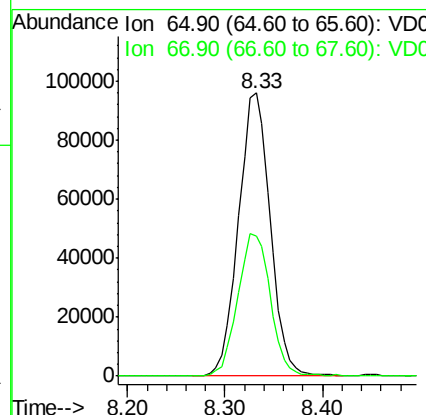
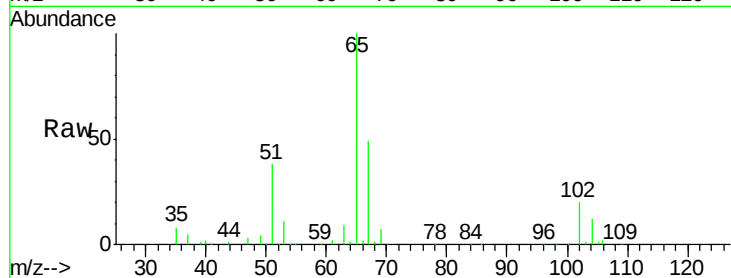




#33
 1,2-Dichloroethane-d4
 Concen: 55.088 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066873.D
 Acq: 25 Sep 2020 14:48

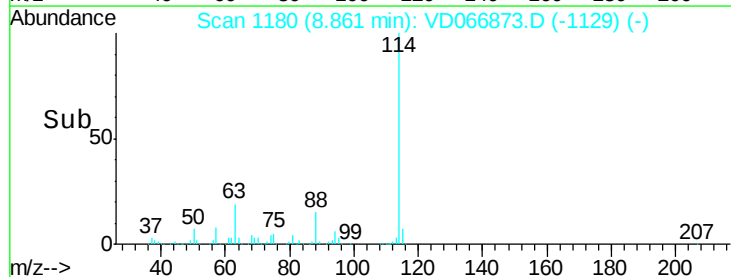
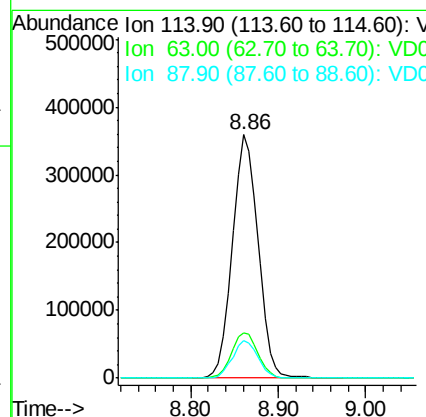
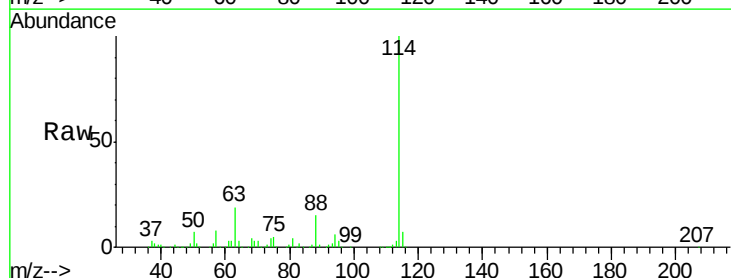
Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-215

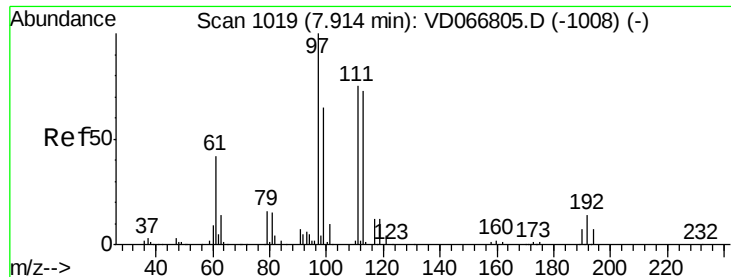
Tot Ion: 65 Resp: 217730
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066873.D
 Acq: 25 Sep 2020 14:48

Tgt Ion: 114 Resp: 718398
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 42.6
 88 15.4 0.0 32.6

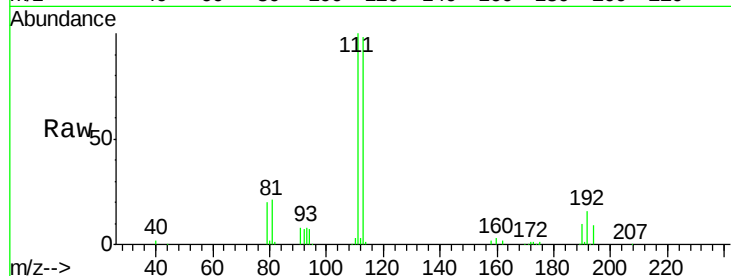




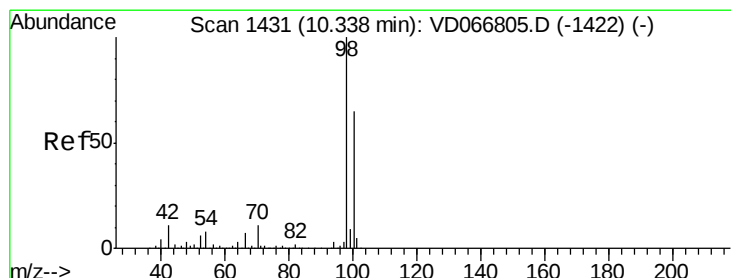
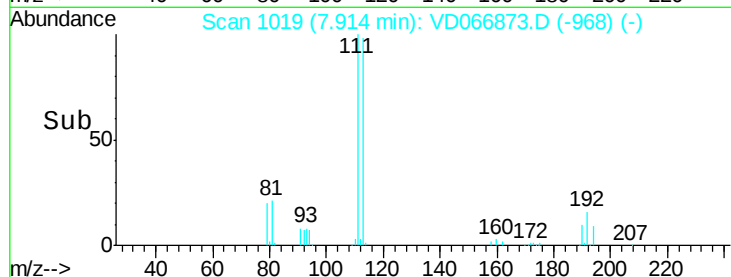
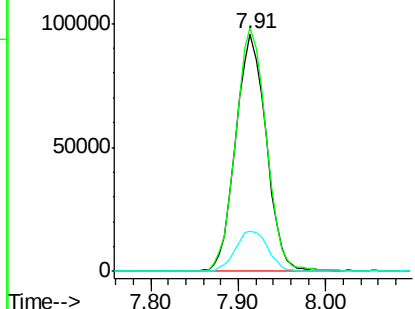
#35
 Dibromofluoromethane
 Concen: 49.477 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066873.D
 Acq: 25 Sep 2020 14:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-215

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.8
192	18.2	14.4	21.6

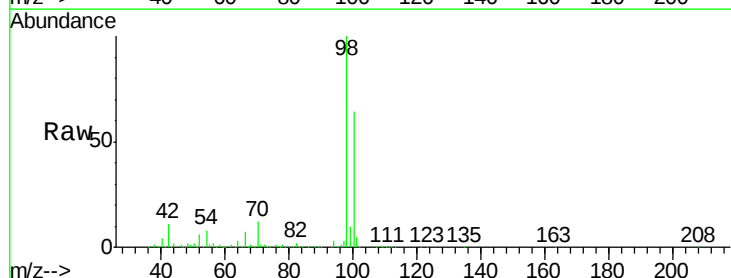


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

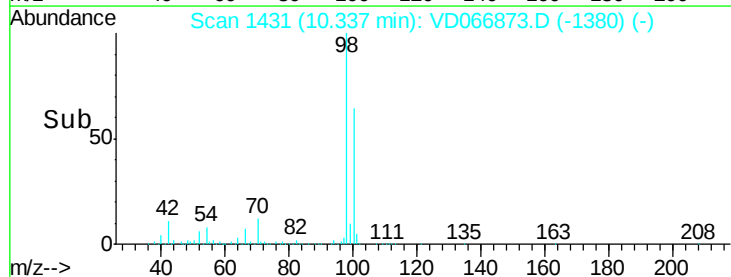
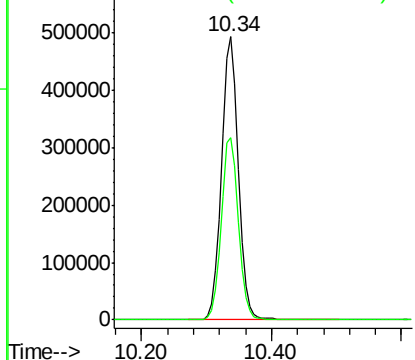


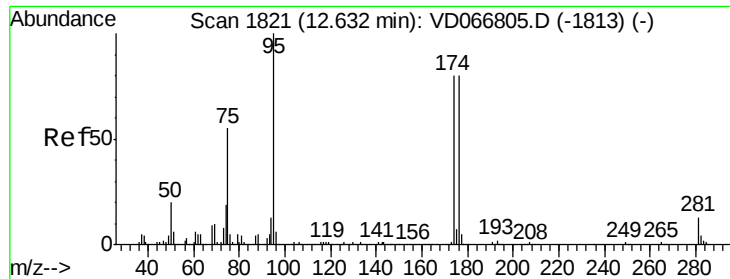
#50
 Toluene-d8
 Concen: 56.457 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066873.D
 Acq: 25 Sep 2020 14:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): V
 Ion 100.00 (99.70 to 100.70): V

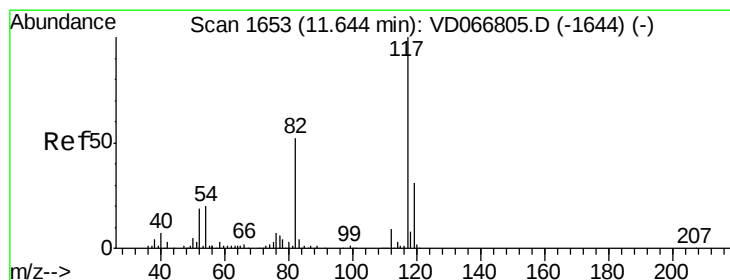
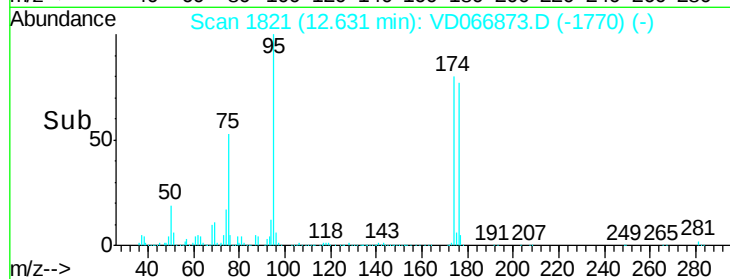
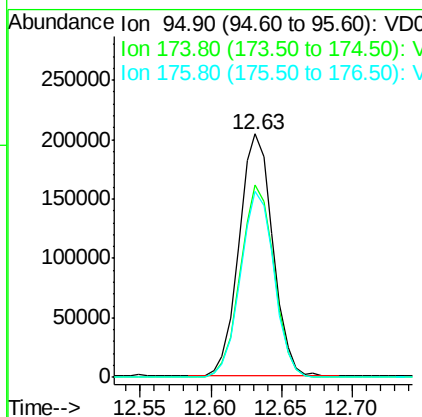
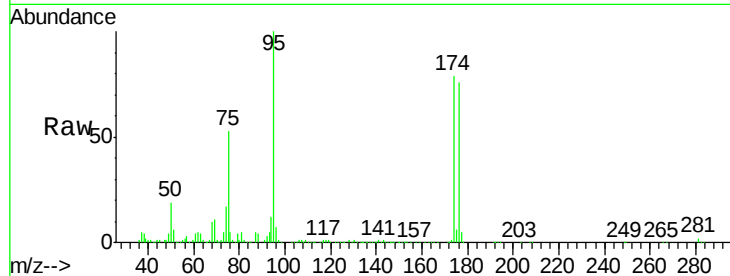




#62
4-Bromofluorobenzene
Concen: 63.933 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066873.D
Acq: 25 Sep 2020 14:48

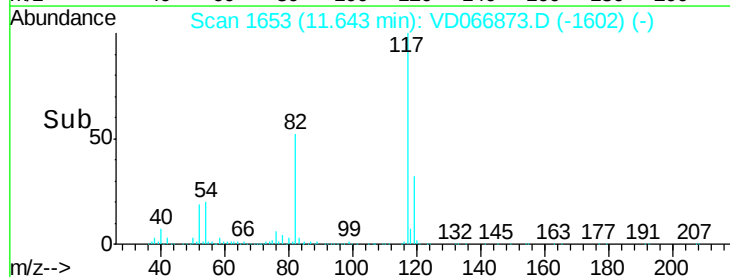
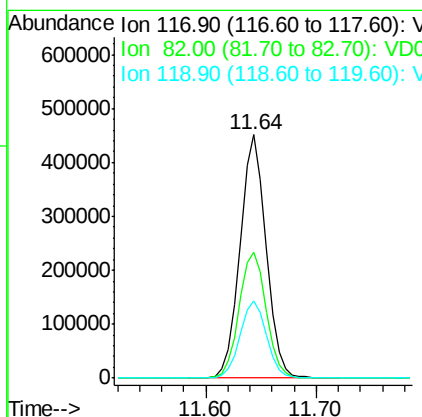
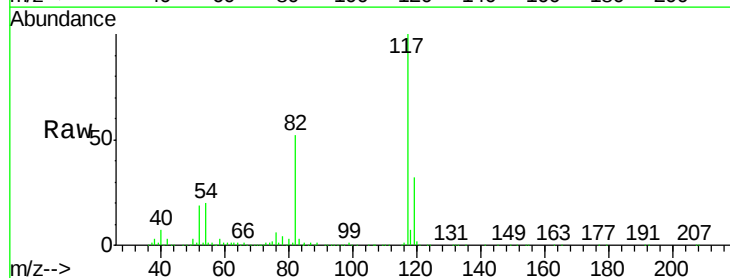
Instrument :
MSVOA_D
ClientSampled :
VNJ-215

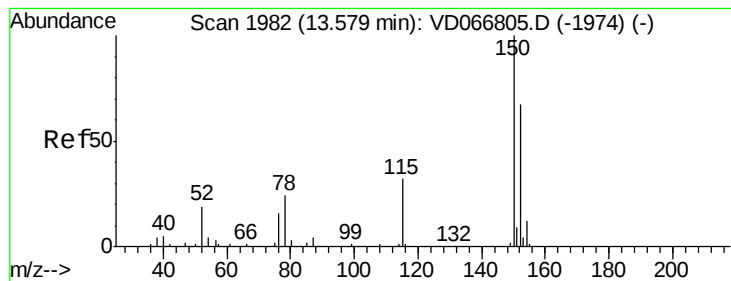
Tot Ion	95	Resp	340823
Ion Ratio	Lower	Upper	
95	100		
174	79.1	0.0	159.8
176	76.5	0.0	154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066873.D
Acq: 25 Sep 2020 14:48

Tgt Ion	117	Resp	749270
Ion Ratio	Lower	Upper	
117	100		
82	51.8	41.8	62.6
119	31.7	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: VD066873.D

Acq: 25 Sep 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

VNJ-215

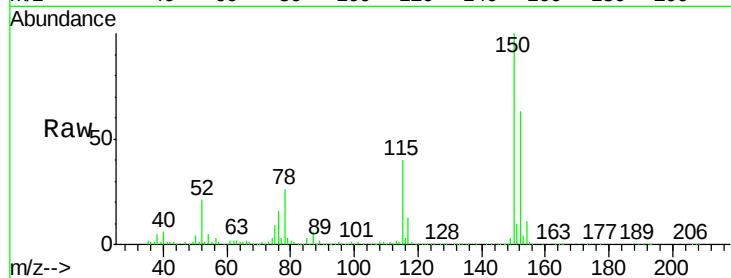
Tot Ion:152 Resp: 337337

Ion Ratio Lower Upper

152 100

115 61.7 30.3 91.0

150 156.1 0.0 346.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

