

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090320\
 Data File : VD066551.D
 Acq On : 03 Sep 2020 23:13
 Operator : VA/SY
 Sample : L3888-13
 Misc : 6.94G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 9-2-TP-4

Quant Time: Sep 04 06:26:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

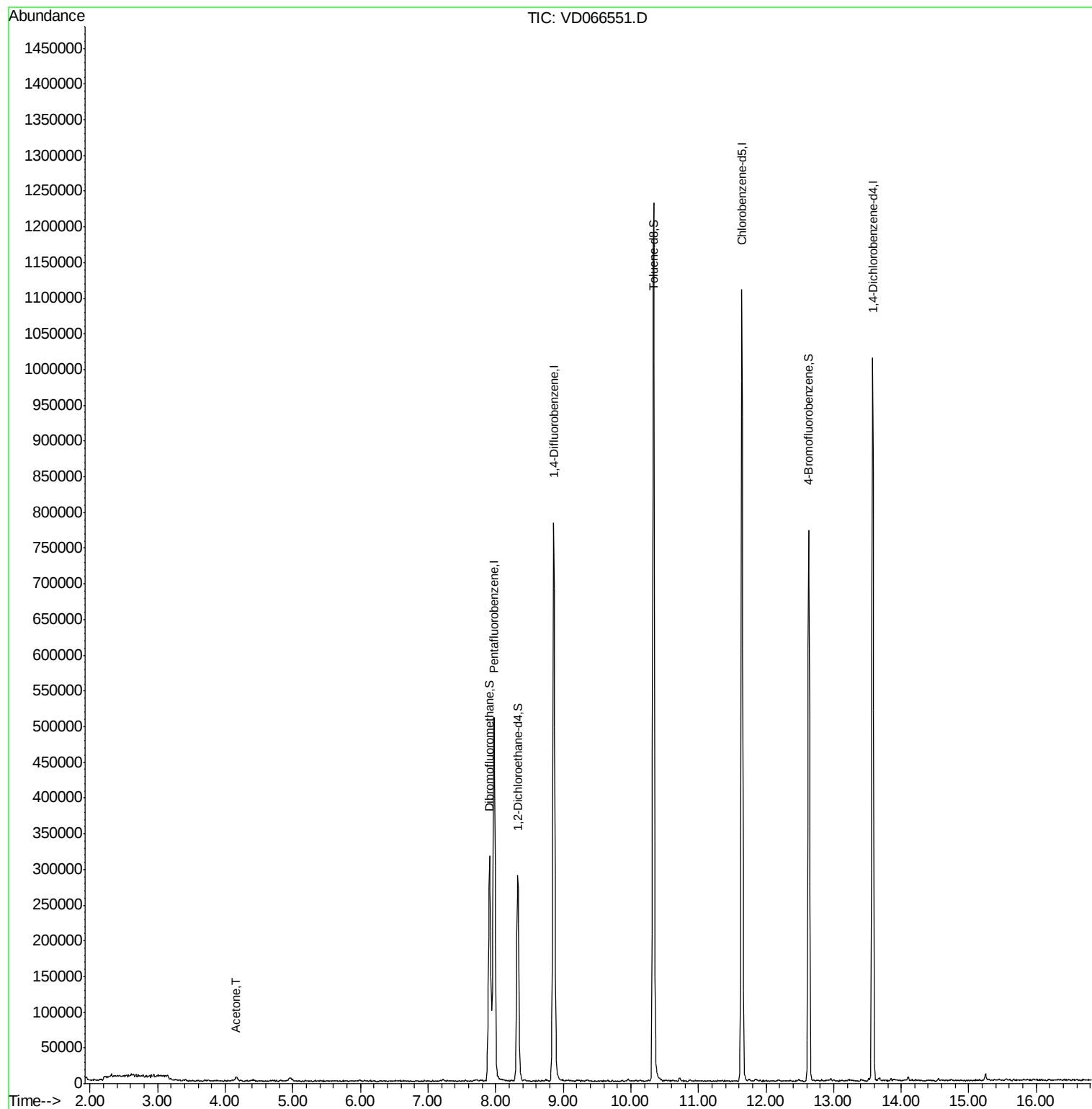
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	344729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	639292	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	582930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	247399	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	231068	55.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.80%	
35) Dibromofluoromethane	7.91	113	221596	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
50) Toluene-d8	10.34	98	798650	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
62) 4-Bromofluorobenzene	12.63	95	235951	46.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.32%	
Target Compounds						
16) Acetone	4.16	43	9948	12.963	ug/l #	Qvalue 73

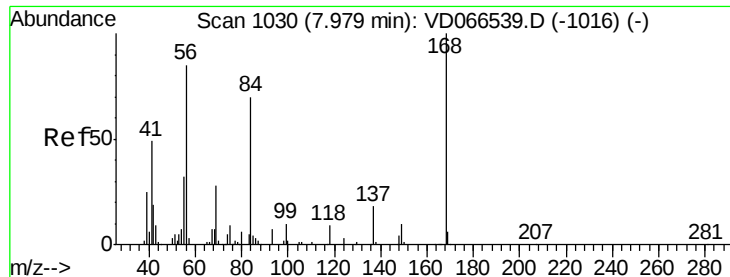
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066551.D

Acq: 03 Sep 2020 23:13

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MSVOA_D

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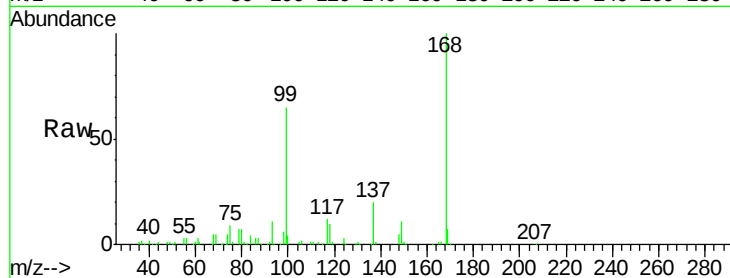
9-2-TP-4

Tot Ion:168 Resp: 344729

Ion Ratio Lower Upper

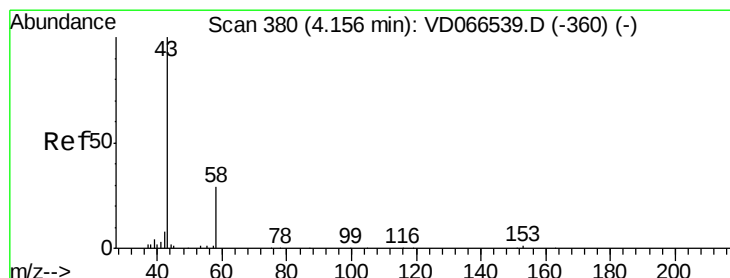
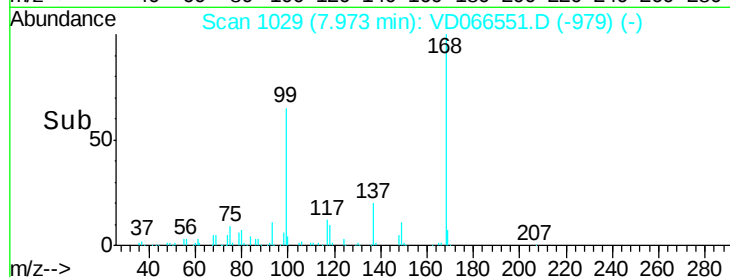
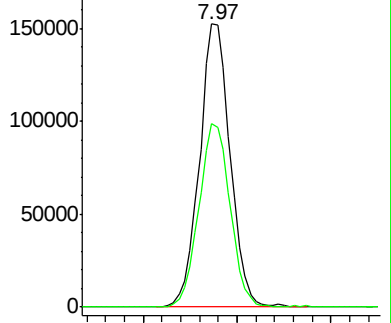
168 100

99 64.4 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 12.963 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066551.D

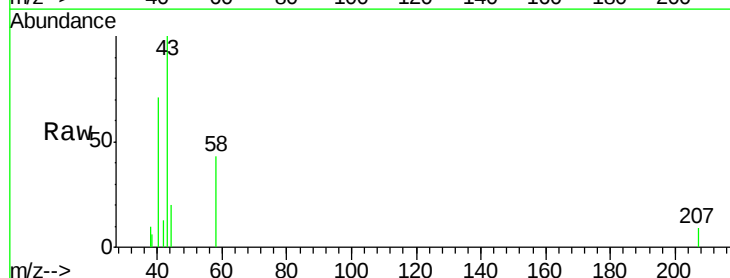
Acq: 03 Sep 2020 23:13

Tgt Ion: 43 Resp: 9948

Ion Ratio Lower Upper

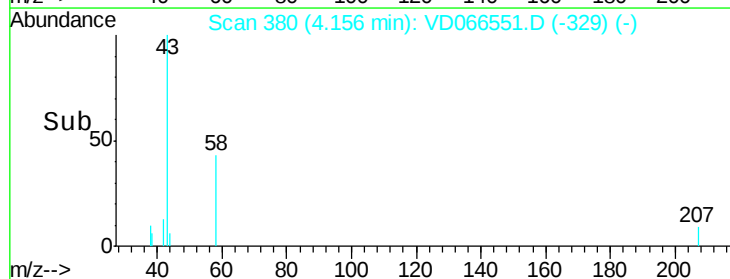
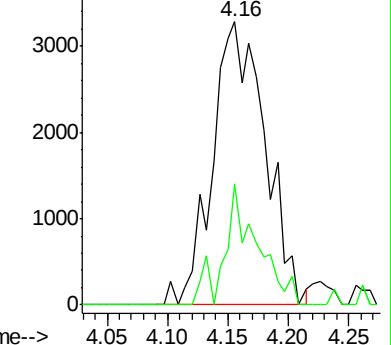
43 100

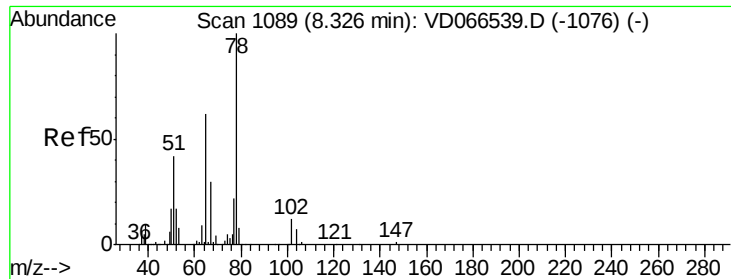
58 42.7 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 55.400 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066551.D

Acq: 03 Sep 2020 23:13

Instrument :

MSVOA_D

ClientSampleId :

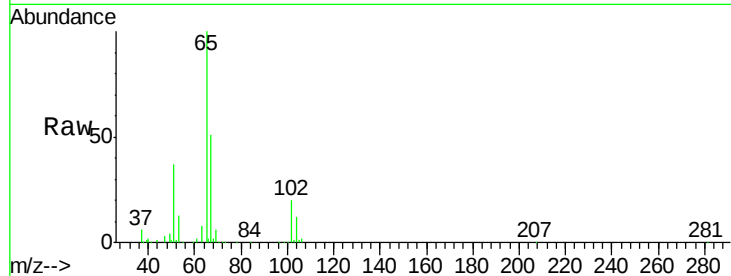
9-2-TP-4

Tot Ion: 65 Resp: 231068

Ion Ratio Lower Upper

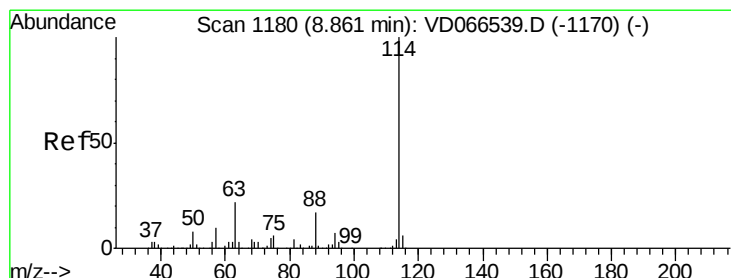
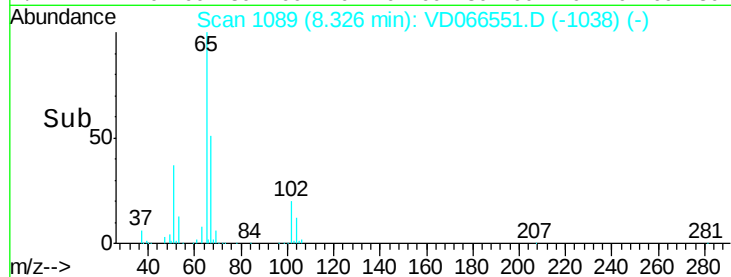
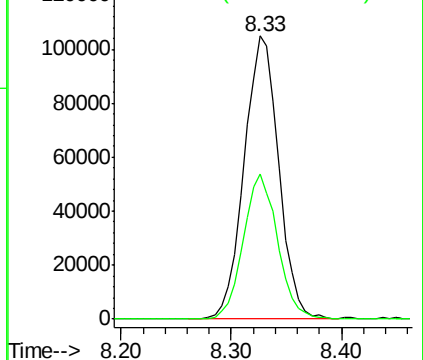
65 100

67 50.8 0.0 102.8



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: VD066551.D

Acq: 03 Sep 2020 23:13

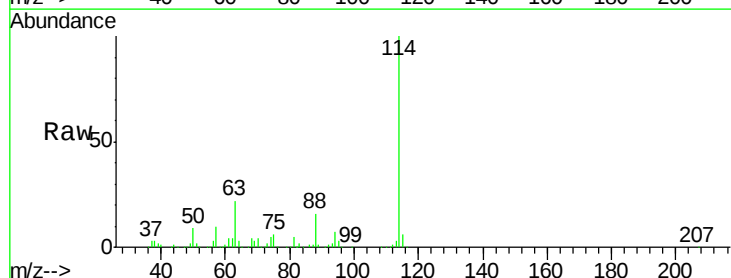
Tgt Ion: 114 Resp: 639292

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.2

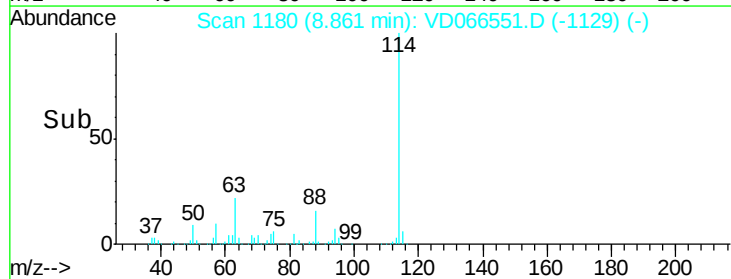
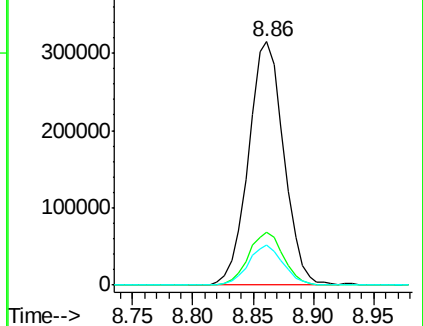
88 16.4 0.0 33.2

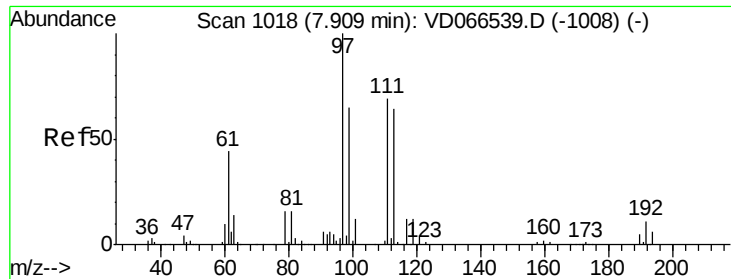


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

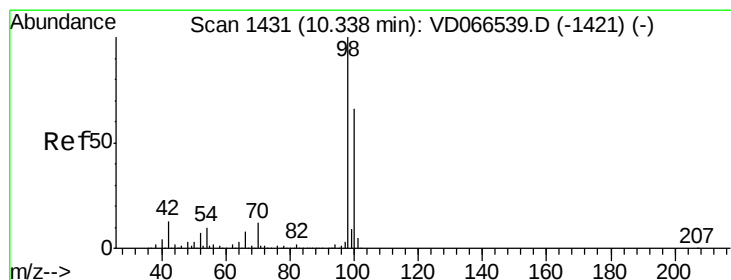
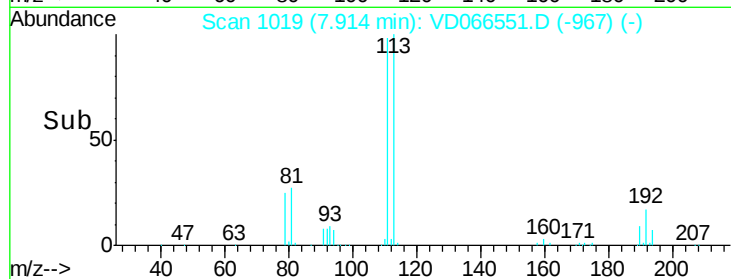
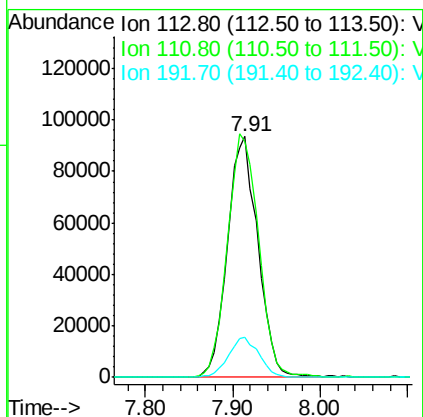
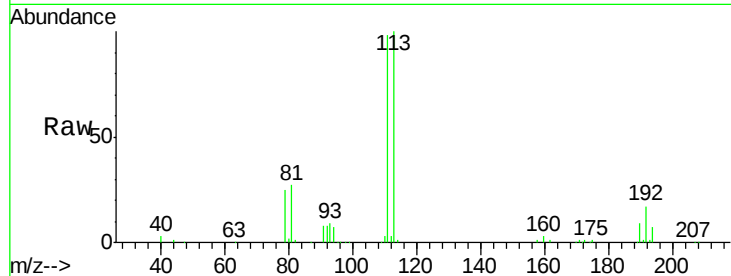




#35
 Dibromofluoromethane
 Concen: 51.382 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066551.D
 Acq: 03 Sep 2020 23:13

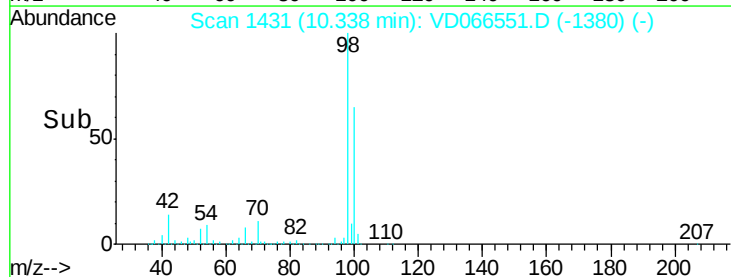
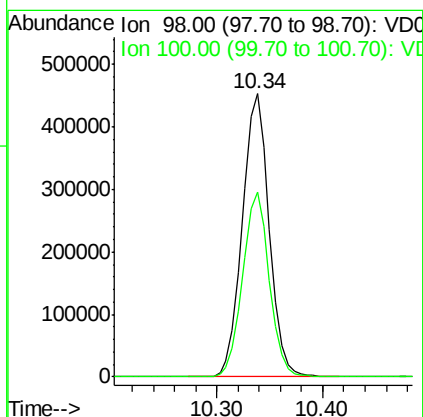
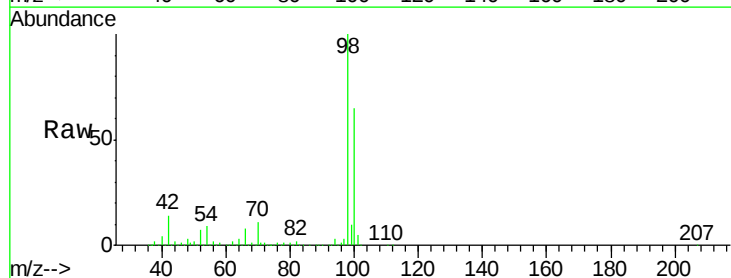
Instrument :
 MSVOA_D
 ClientSampleId :
 9-2-TP-4

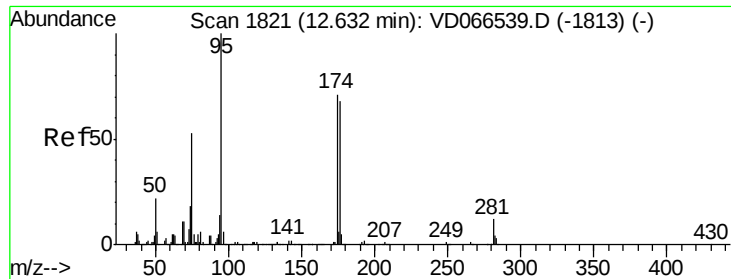
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.2	124.8
192	16.7	13.7	20.5



#50
 Toluene-d8
 Concen: 51.812 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066551.D
 Acq: 03 Sep 2020 23:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.9	79.3

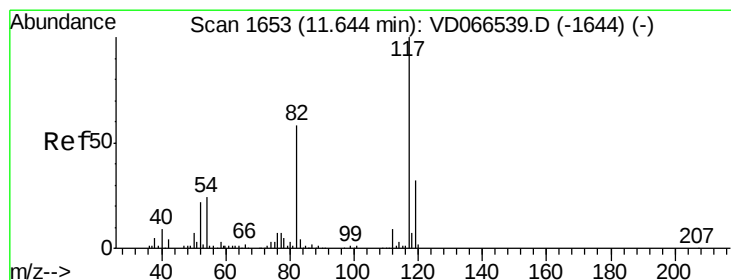
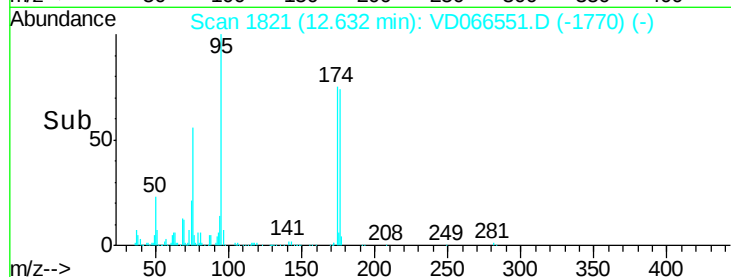
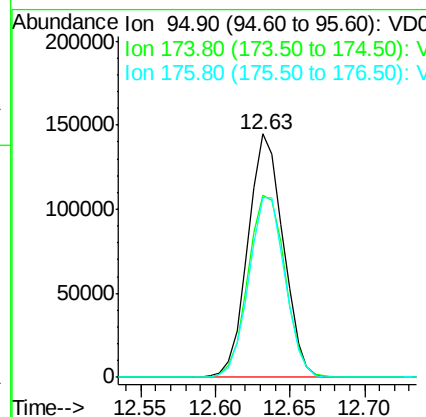
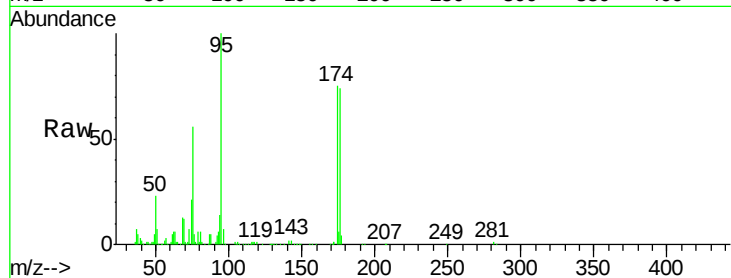




#62
4-Bromofluorobenzene
Concen: 46.163 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066551.D
Acq: 03 Sep 2020 23:13

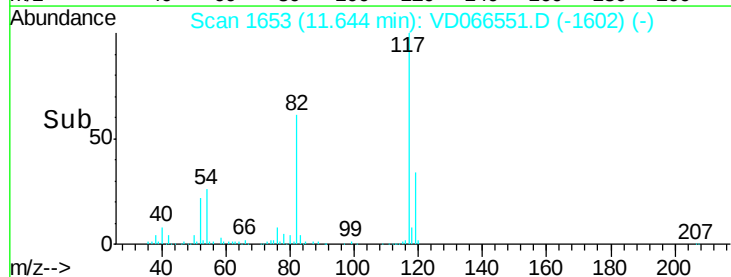
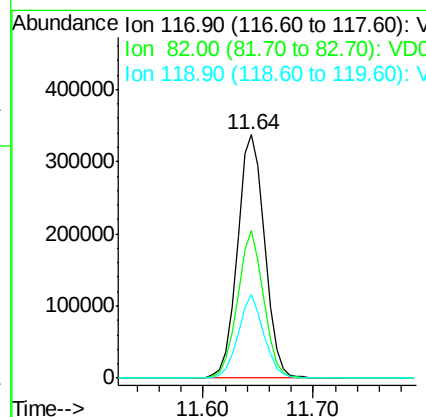
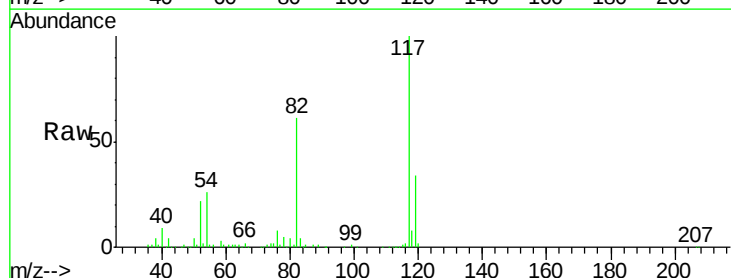
Instrument :
MSVOA_D
ClientSampleId :
9-2-TP-4

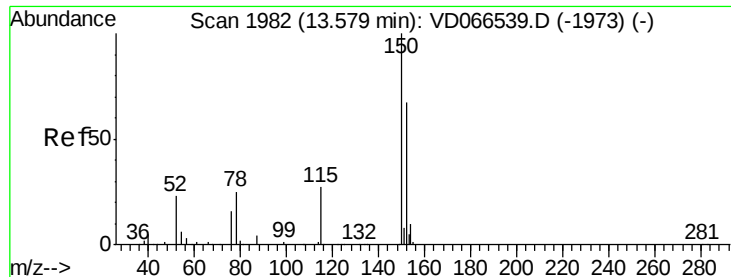
Tot Ion	95	Resp	235951
Ion Ratio	Lower	Upper	
95	100		
174	79.2	0.0	155.8
176	75.9	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066551.D
Acq: 03 Sep 2020 23:13

Tgt Ion	117	Resp	582930
Ion Ratio	Lower	Upper	
117	100		
82	60.5	46.2	69.2
119	34.5	25.8	38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066551.D

Acq: 03 Sep 2020 23:13

Instrument :

MSVOA_D

ClientSampleId :

9-2-TP-4

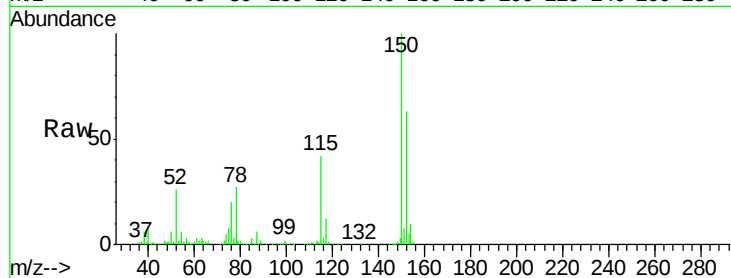
Tot Ion:152 Resp: 247399

Ion Ratio Lower Upper

152 100

115 61.6 30.4 91.2

150 158.7 0.0 345.8



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

