

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090320\
 Data File : VD066549.D
 Acq On : 03 Sep 2020 22:18
 Operator : VA/SY
 Sample : L3888-05
 Misc : 7.50G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Sep 04 06:23:03 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

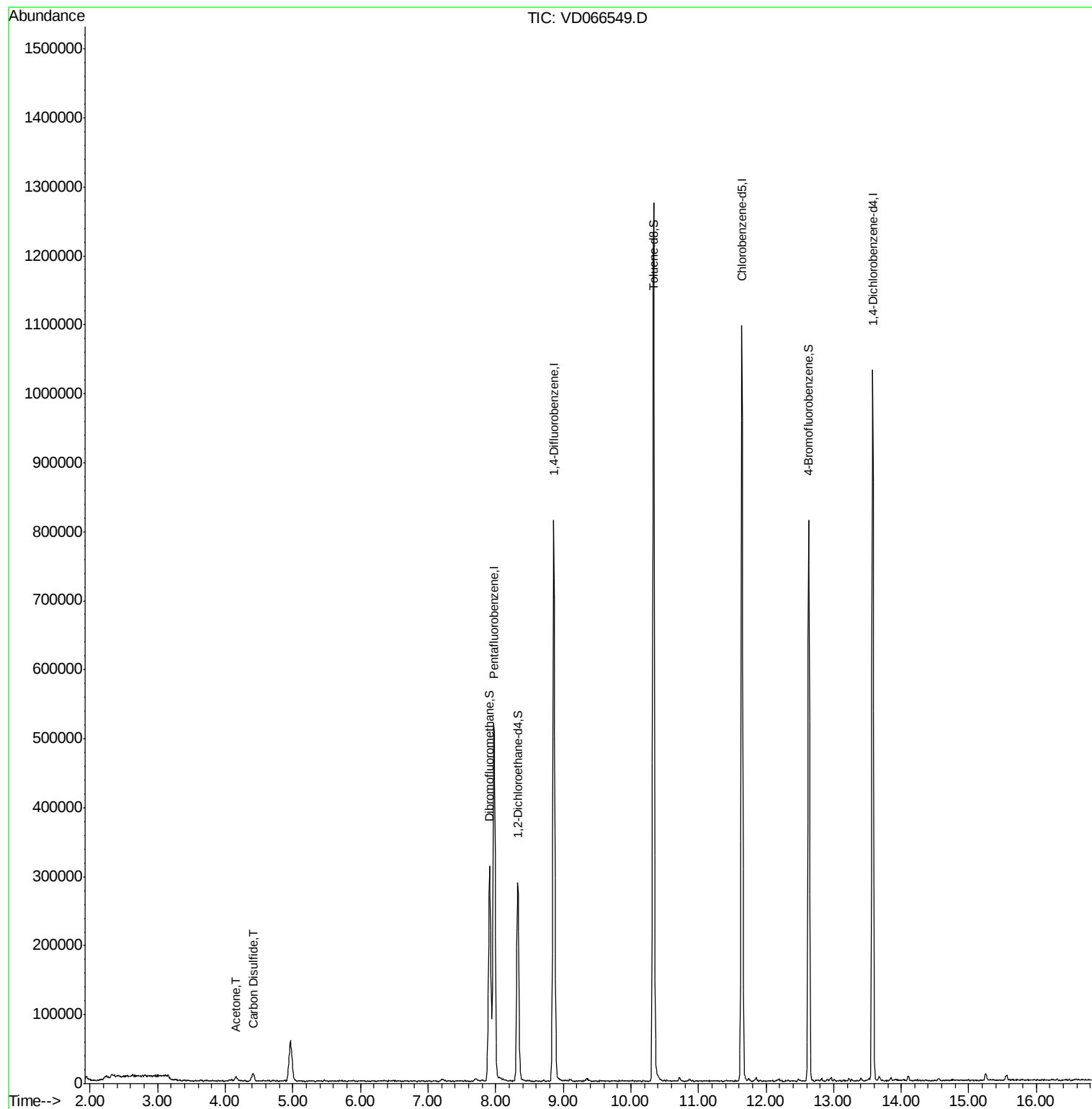
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	351885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	651001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	588139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	248207	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	235969	55.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.84%	
35) Dibromofluoromethane	7.91	113	217262	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
50) Toluene-d8	10.34	98	811316	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.63	95	250399	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
Target Compounds						
16) Acetone	4.16	43	10534	13.447	ug/l #	82
17) Carbon Disulfide	4.41	76	22143	1.900	ug/l	97

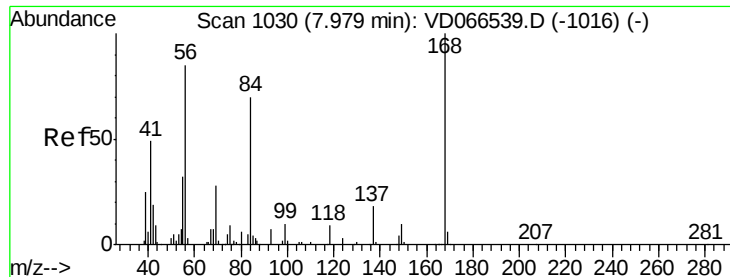
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VD066549.D

Acq: 03 Sep 2020 22:18

Instrument :

MSVOA_D

ClientSampleId :

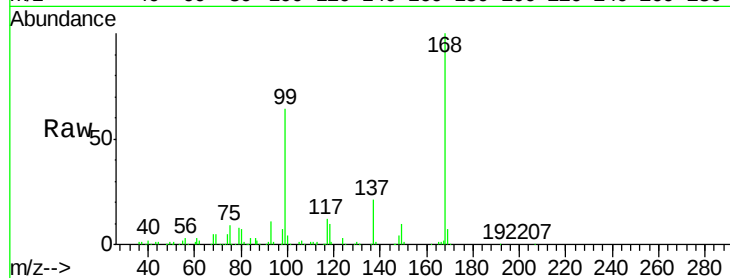
9-2-TP-2

Tot Ion:168 Resp: 351885

Ion Ratio Lower Upper

168 100

99 63.6 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

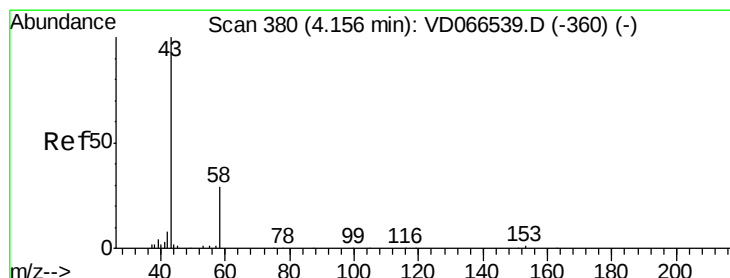
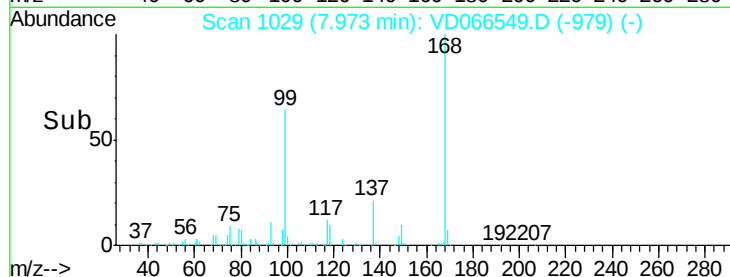
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 13.447 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066549.D

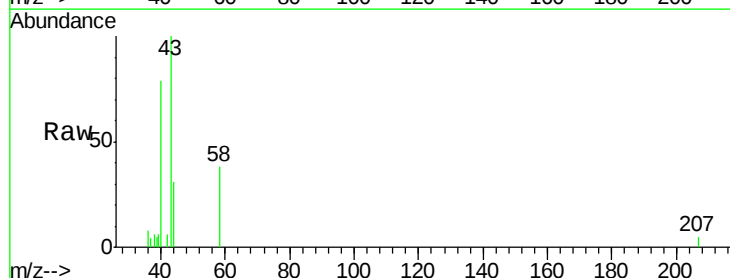
Acq: 03 Sep 2020 22:18

Tgt Ion: 43 Resp: 10534

Ion Ratio Lower Upper

43 100

58 38.0 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

4000

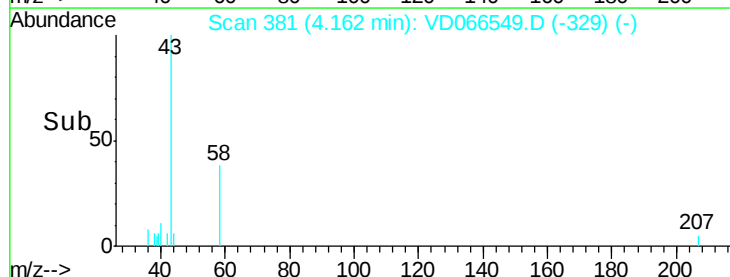
3000

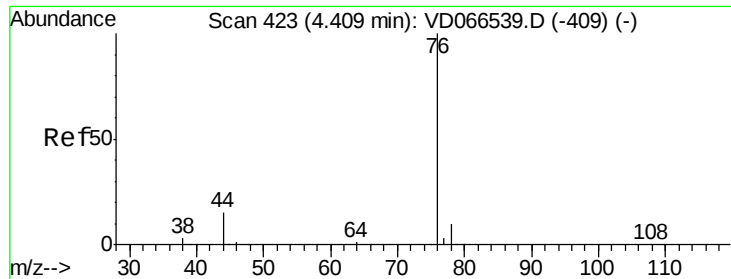
2000

1000

0

Time-->





#17

Carbon Disulfide

Concen: 1.900 ug/l

RT: 4.41 min Scan# 424

Delta R.T. 0.01 min

Lab File: VD066549.D

Acq: 03 Sep 2020 22:18

Instrument :

MSVOA_D

ClientSampleId :

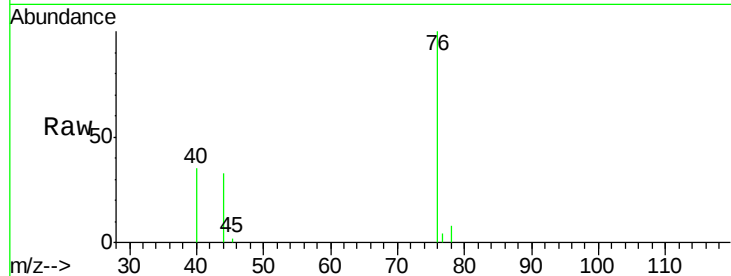
9-2-TP-2

Tot Ion: 76 Resp: 22143

Ion Ratio Lower Upper

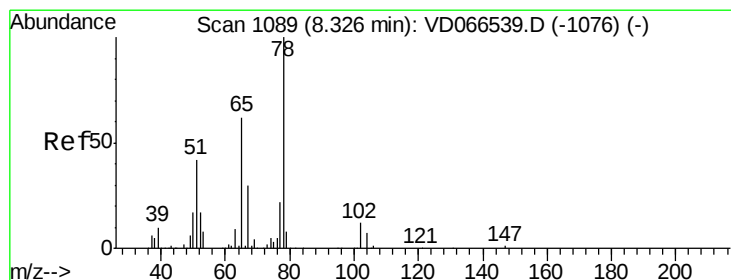
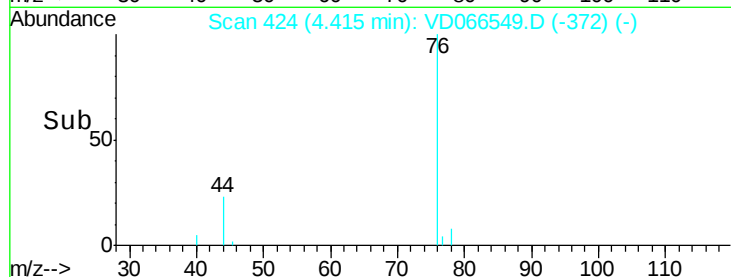
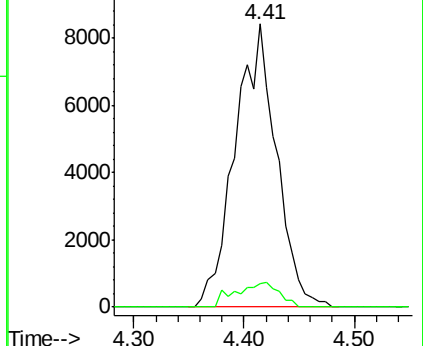
76 100

78 8.3 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 55.425 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066549.D

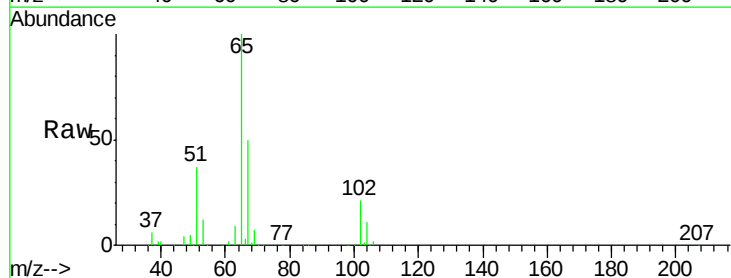
Acq: 03 Sep 2020 22:18

Tgt Ion: 65 Resp: 235969

Ion Ratio Lower Upper

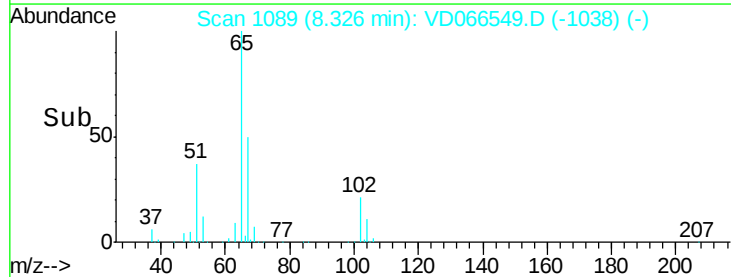
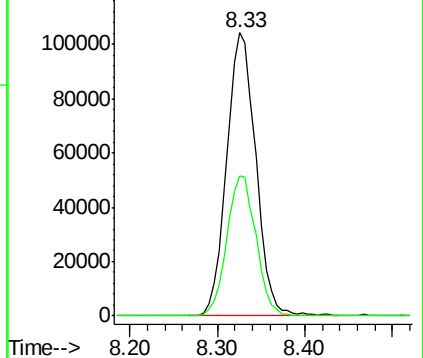
65 100

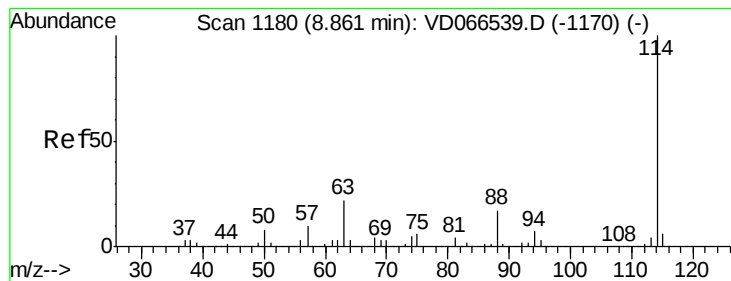
67 49.6 0.0 102.8



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: VD066549.D

Acq: 03 Sep 2020 22:18

Instrument :

MSVOA_D

ClientSampleId :

9-2-TP-2

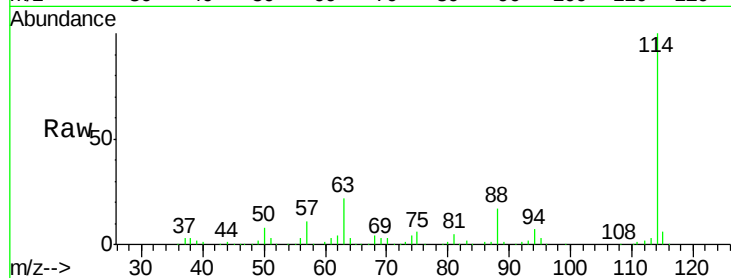
Tot Ion:114 Resp: 651001

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.2

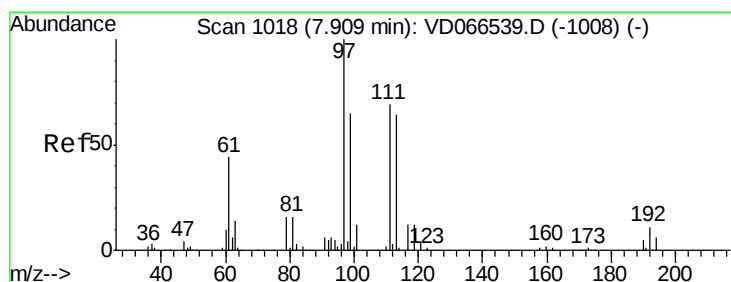
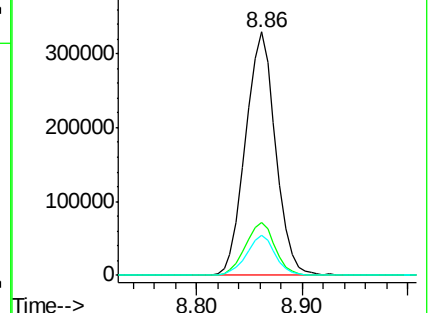
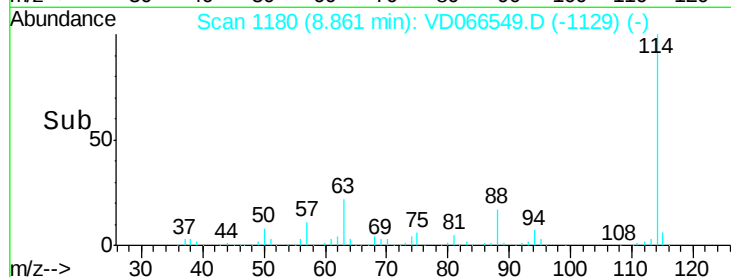
88 16.6 0.0 33.2



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



#35

Dibromofluoromethane

Concen: 49.471 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VD066549.D

Acq: 03 Sep 2020 22:18

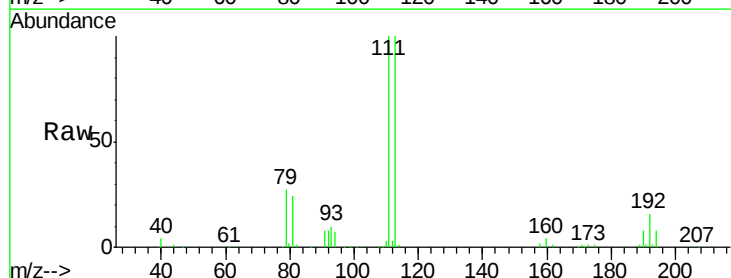
Tgt Ion:113 Resp: 217262

Ion Ratio Lower Upper

113 100

111 105.4 83.2 124.8

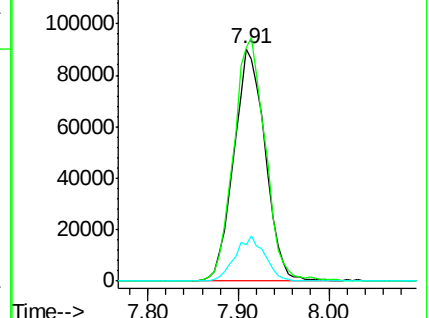
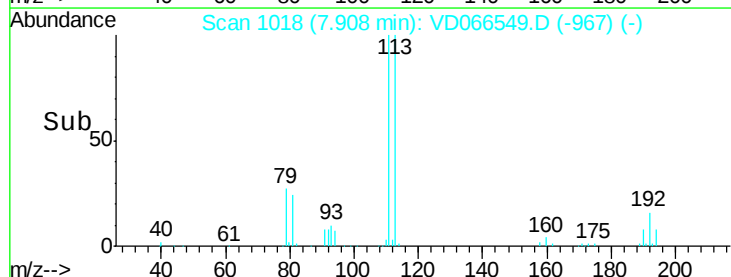
192 18.2 13.7 20.5

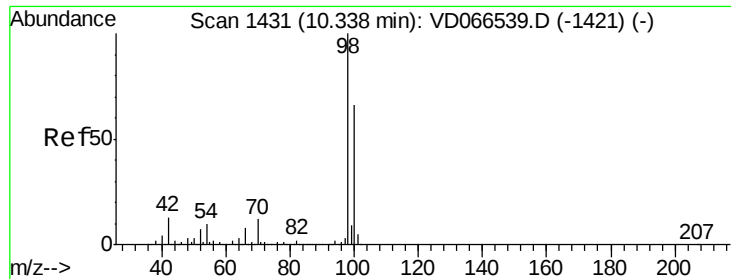


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

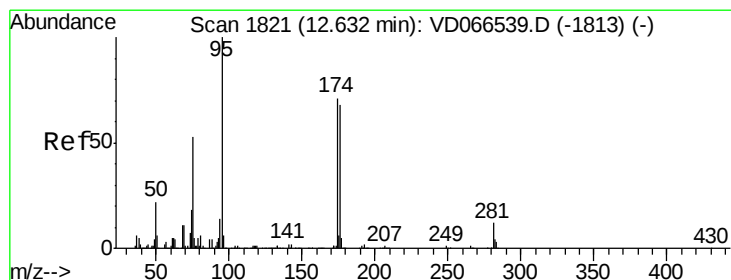
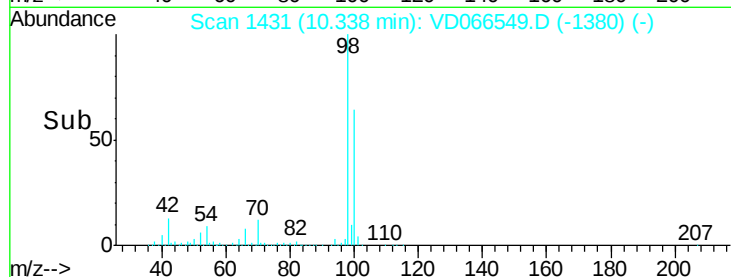
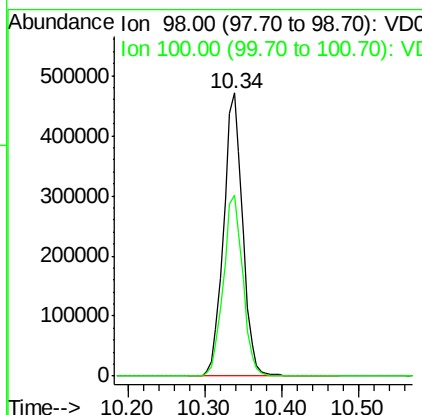
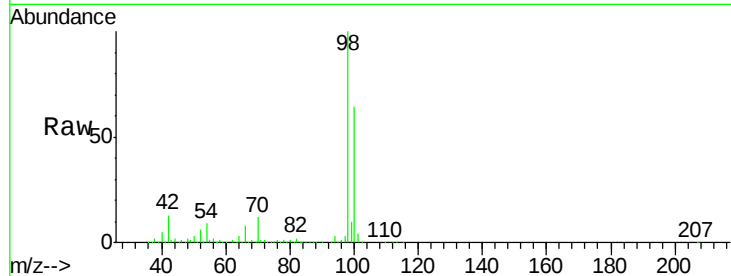




#50
Toluene-d8
Concen: 51.687 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066549.D
Acq: 03 Sep 2020 22:18

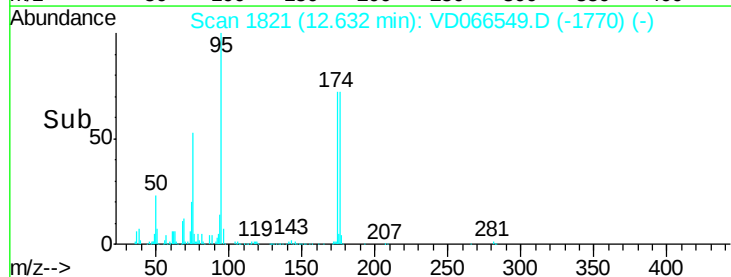
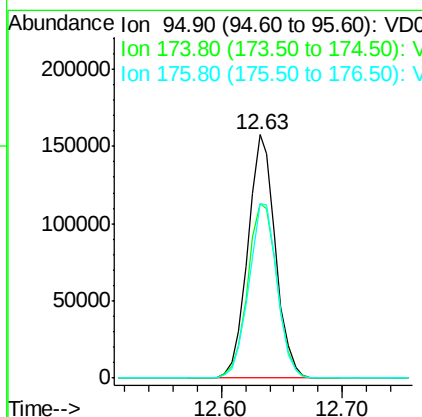
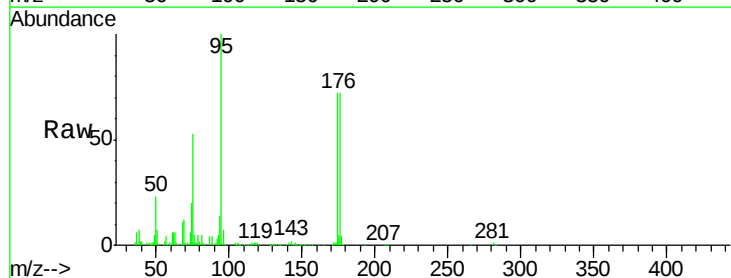
Instrument :
MSVOA_D
ClientSampleId :
9-2-TP-2

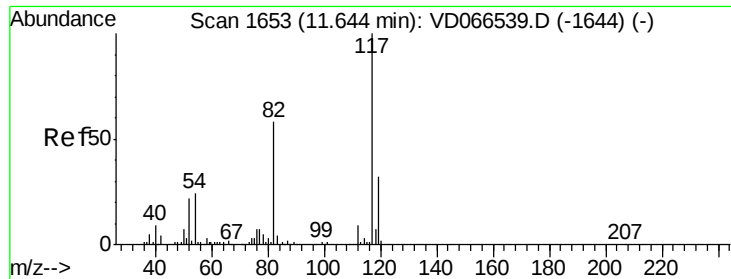
Tot Ion: 98 Resp: 811316
Ion Ratio Lower Upper
98 100
100 65.4 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 48.109 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066549.D
Acq: 03 Sep 2020 22:18

Tgt Ion: 95 Resp: 250399
Ion Ratio Lower Upper
95 100
174 76.7 0.0 155.8
176 73.8 0.0 148.6

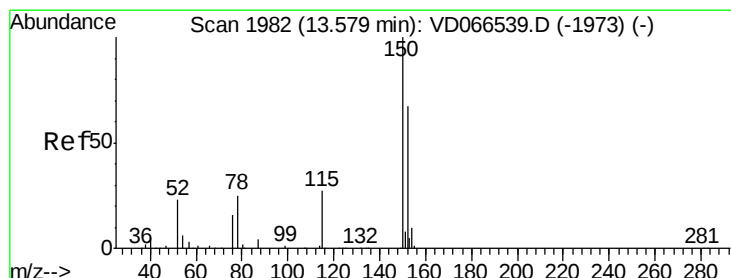
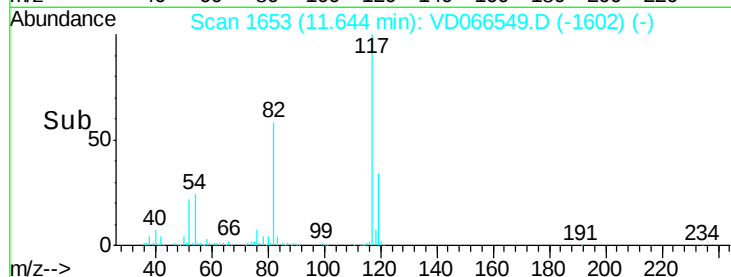
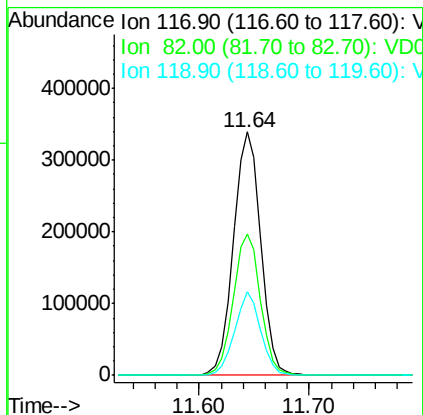
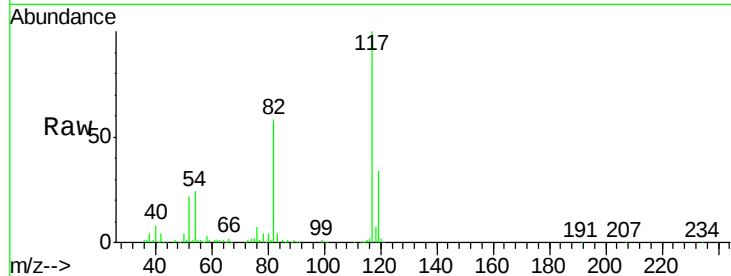




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066549.D
Acq: 03 Sep 2020 22:18

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

Tot Ion:117 Resp: 588139
Ion Ratio Lower Upper
117 100
82 58.0 46.2 69.2
119 34.4 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: VD066549.D
Acq: 03 Sep 2020 22:18

Tgt Ion:152 Resp: 248207
Ion Ratio Lower Upper
152 100
115 62.1 30.4 91.2
150 158.7 0.0 345.8

