

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091120\
 Data File : VD066646.D
 Acq On : 11 Sep 2020 14:12
 Operator : VA/SY
 Sample : L3975-01
 Misc : 7.12G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BSY-SB-01-9-11

Quant Time: Sep 12 00:52:57 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

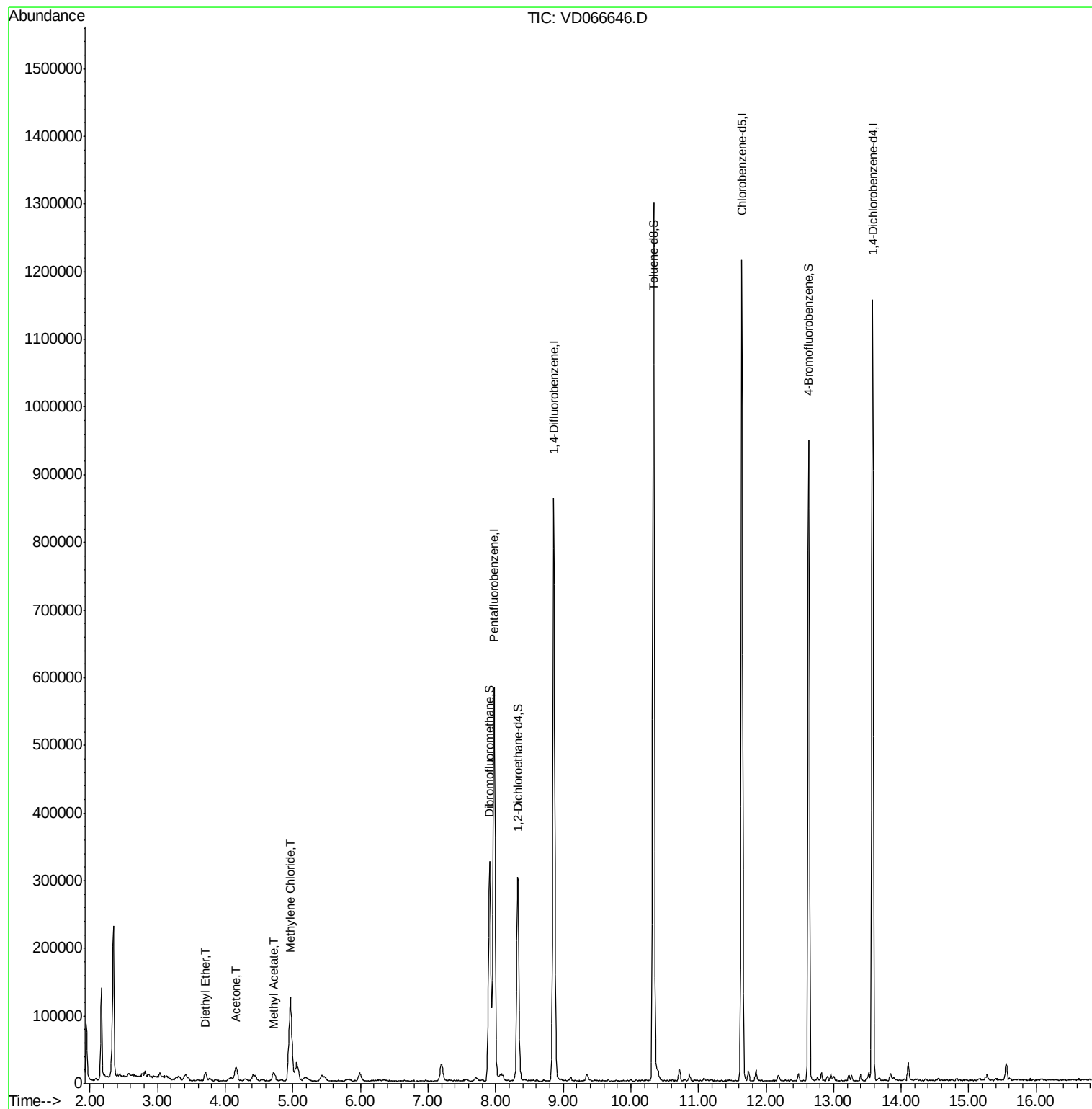
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	403360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	692326	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	655122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	286254	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	246360	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
35) Dibromofluoromethane	7.91	113	232832	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
50) Toluene-d8	10.34	98	860624	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
62) 4-Bromofluorobenzene	12.63	95	281609	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
Target Compounds						
8) Diethyl Ether	3.70	74	5972	2.838	ug/l	99
16) Acetone	4.16	43	39345	43.816	ug/l	92
18) Methyl Acetate	4.73	43	21355	9.976	ug/l	97
20) Methylene Chloride	4.97	84	89444	13.438	ug/l	96

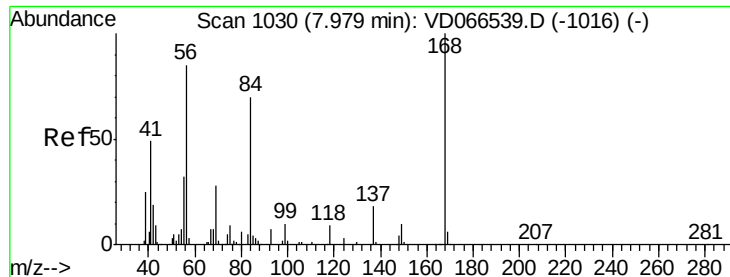
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066646.D

Acq: 11 Sep 2020 14:12

Instrument :

MSVOA_D

ClientSampleId :

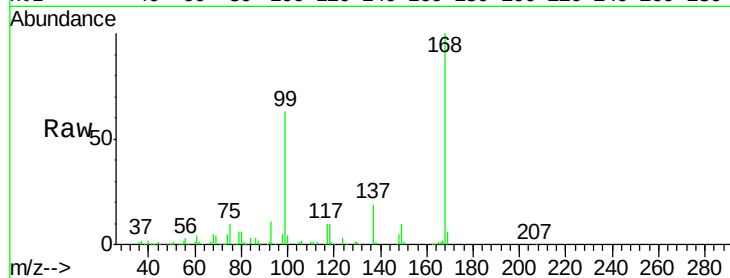
BSY-SB-01-9-11

Tot Ion:168 Resp: 403360

Ion Ratio Lower Upper

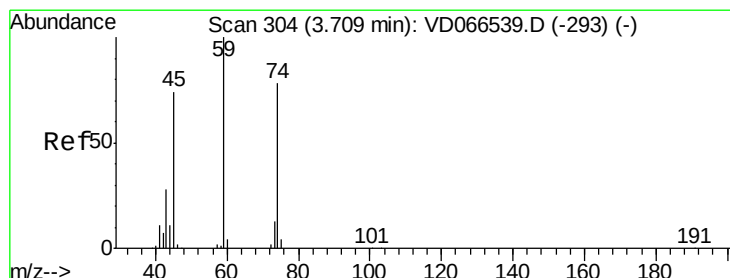
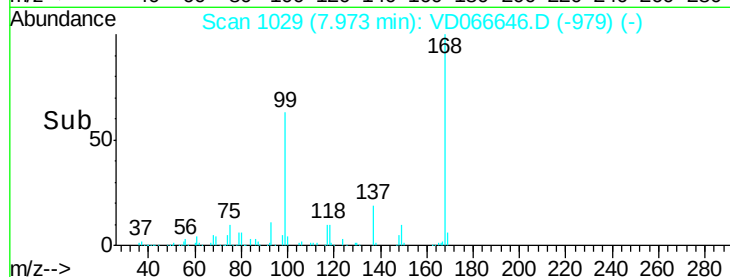
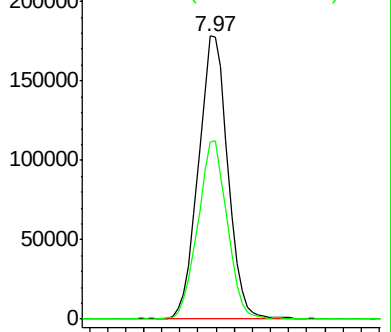
168 100

99 62.6 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#8

Diethyl Ether

Concen: 2.838 ug/l

RT: 3.70 min Scan# 303

Delta R.T. -0.01 min

Lab File: VD066646.D

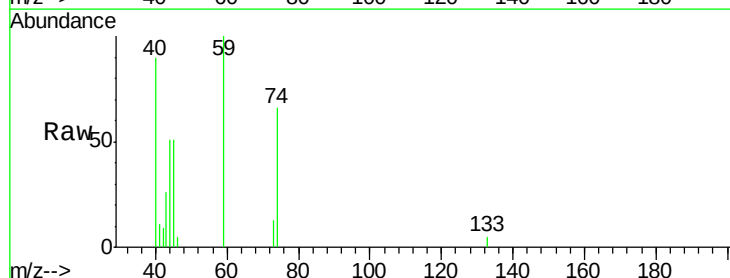
Acq: 11 Sep 2020 14:12

Tgt Ion: 74 Resp: 5972

Ion Ratio Lower Upper

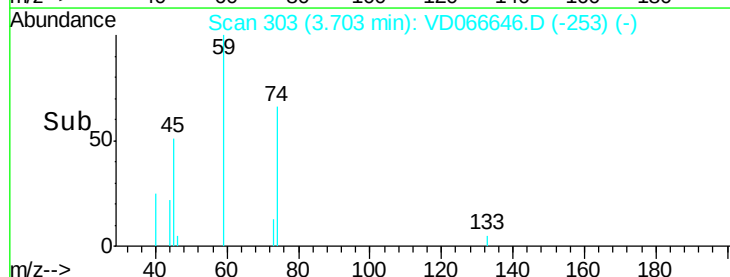
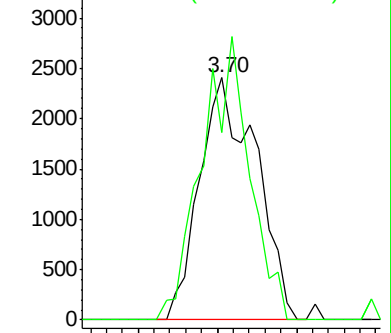
74 100

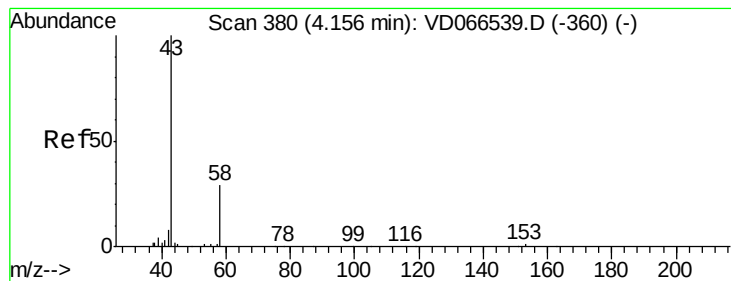
45 98.5 49.7 149.1



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#16

Acetone

Concen: 43.816 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066646.D

Acq: 11 Sep 2020 14:12

Instrument :

MSVOA_D

ClientSampleId :

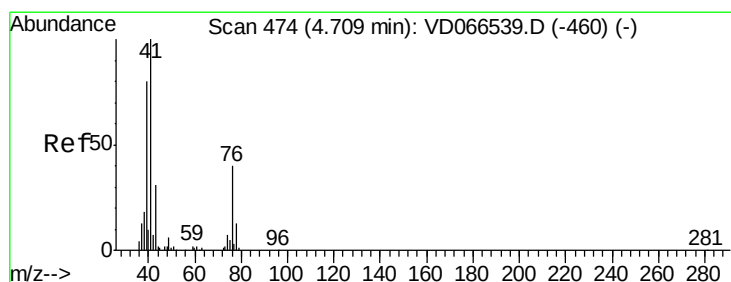
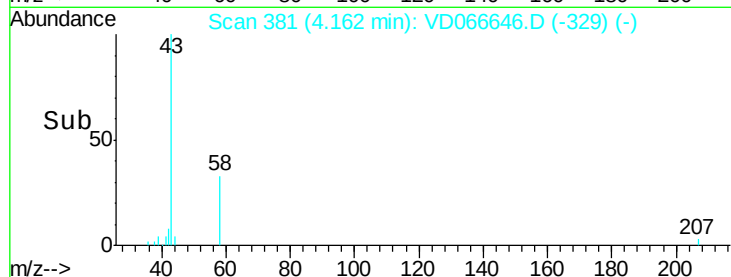
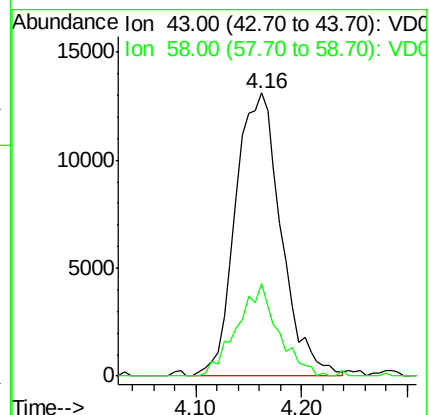
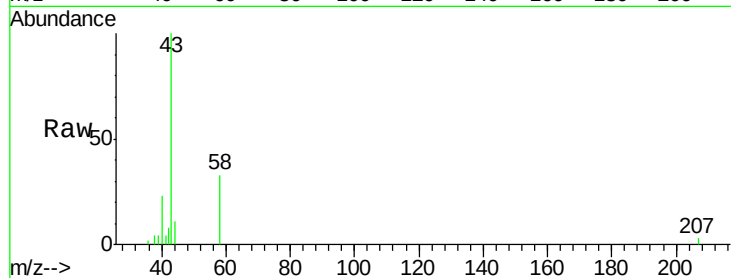
BSY-SB-01-9-11

Tot Ion: 43 Resp: 39345

Ion Ratio Lower Upper

43 100

58 32.6 22.9 34.3



#18

Methyl Acetate

Concen: 9.976 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.02 min

Lab File: VD066646.D

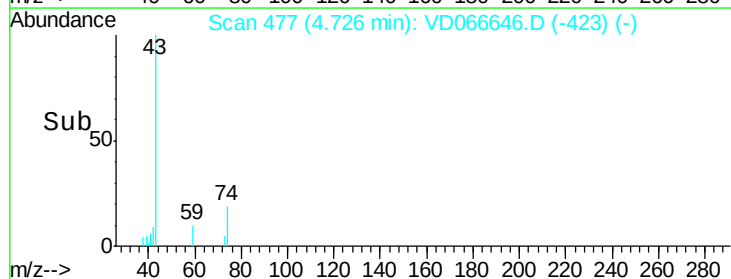
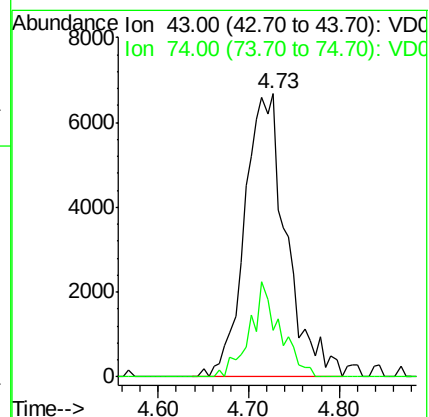
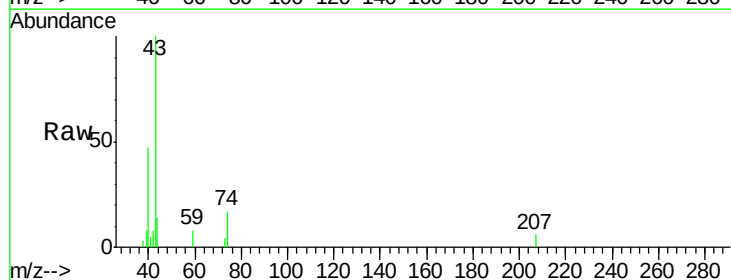
Acq: 11 Sep 2020 14:12

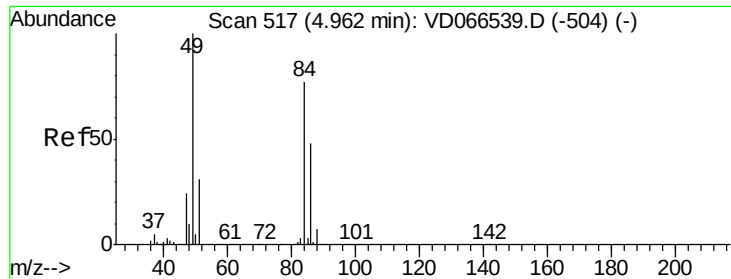
Tgt Ion: 43 Resp: 21355

Ion Ratio Lower Upper

43 100

74 23.8 18.0 27.0

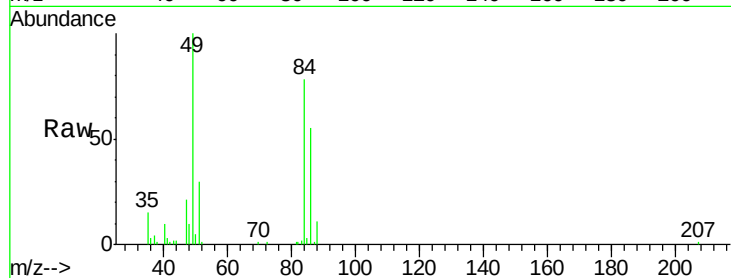




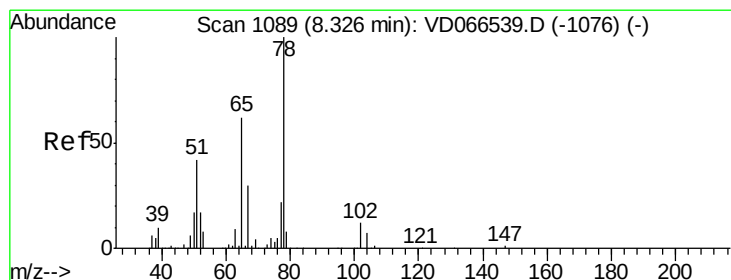
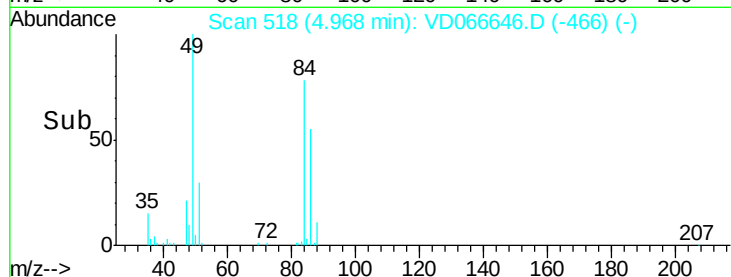
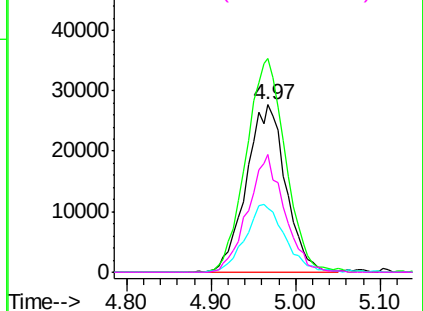
#20
Methylene Chloride
Concen: 13.438 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066646.D
Acq: 11 Sep 2020 14:12

Instrument :
MSVOA_D
ClientSampleId :
BSY-SB-01-9-11

Tot Ion: 84 Resp: 89444
Ion Ratio Lower Upper
84 100
49 127.8 104.3 156.5
51 38.6 32.2 48.4
86 70.4 50.0 75.0

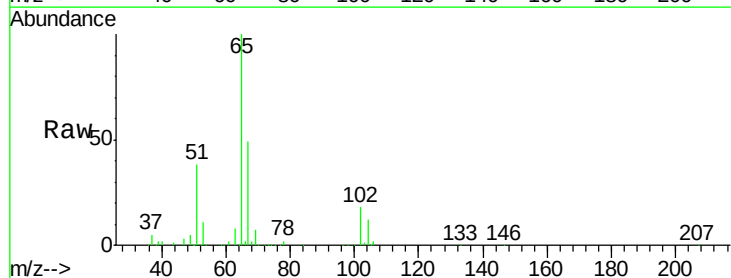


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

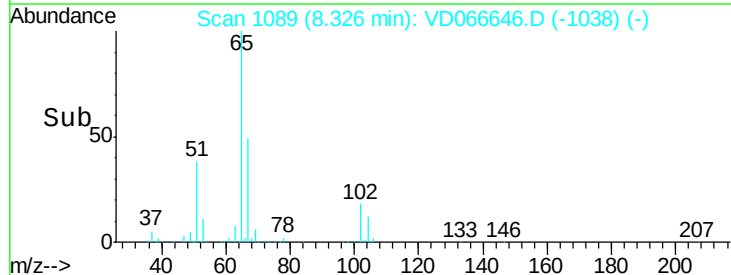
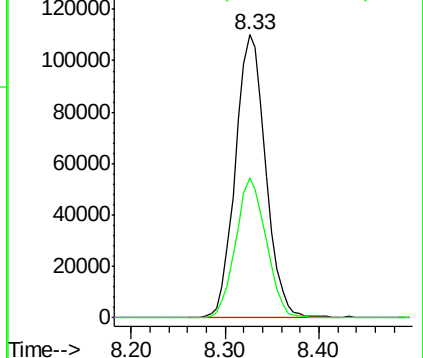


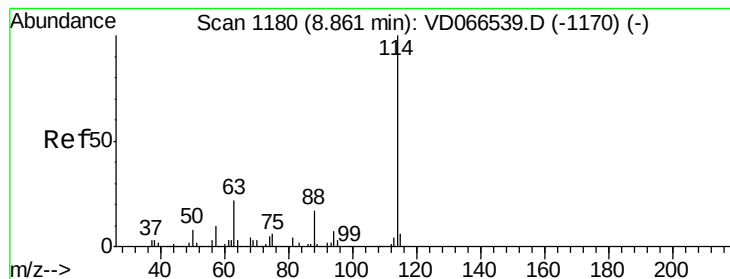
#33
1,2-Dichloroethane-d4
Concen: 50.481 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VD066646.D
Acq: 11 Sep 2020 14:12

Tgt Ion: 65 Resp: 246360
Ion Ratio Lower Upper
65 100
67 49.8 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: VD066646.D

Acq: 11 Sep 2020 14:12

Instrument :

MSVOA_D

ClientSampleId :

BSY-SB-01-9-11

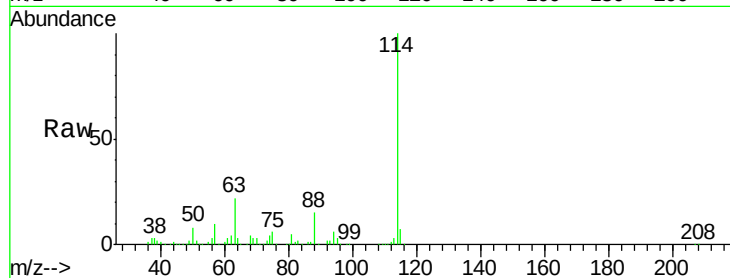
Tot Ion:114 Resp: 692326

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.2

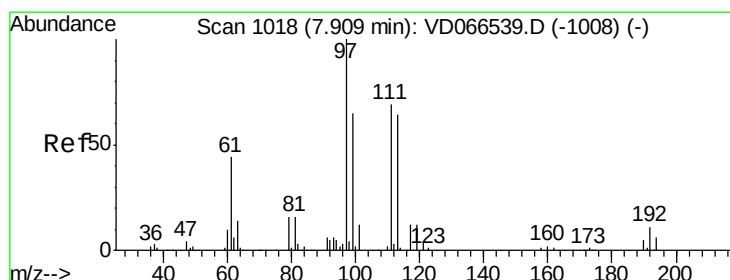
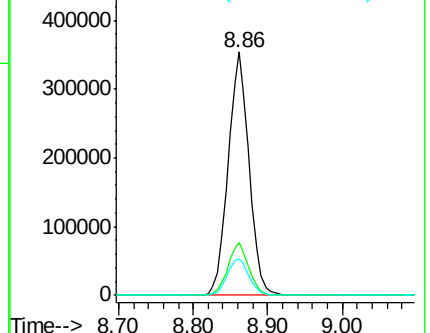
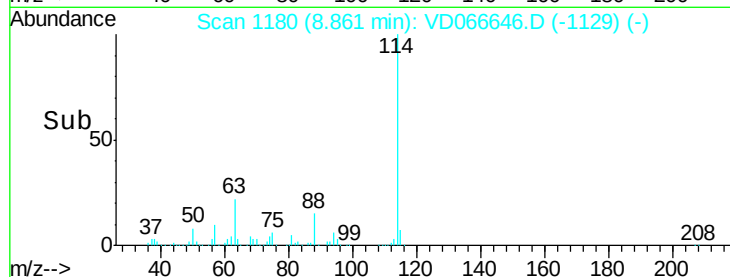
88 14.7 0.0 33.2



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: 49.852 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066646.D

Acq: 11 Sep 2020 14:12

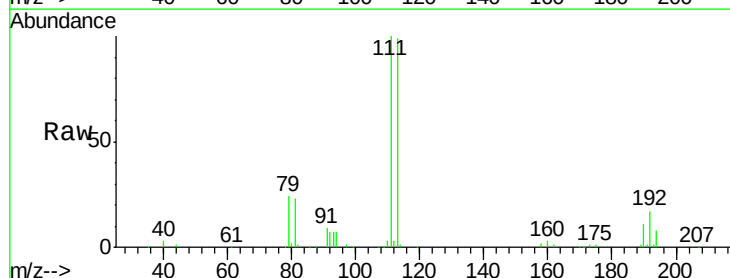
Tgt Ion:113 Resp: 232832

Ion Ratio Lower Upper

113 100

111 103.7 83.2 124.8

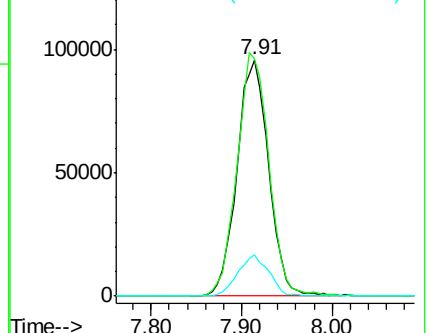
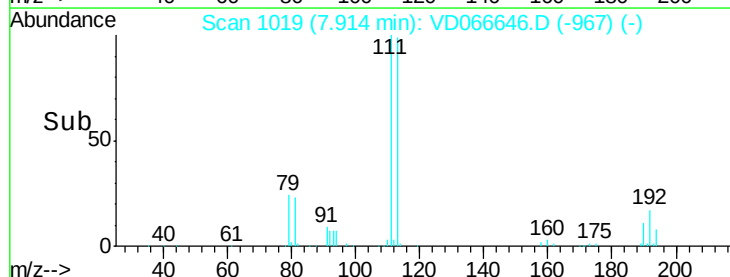
192 17.0 13.7 20.5

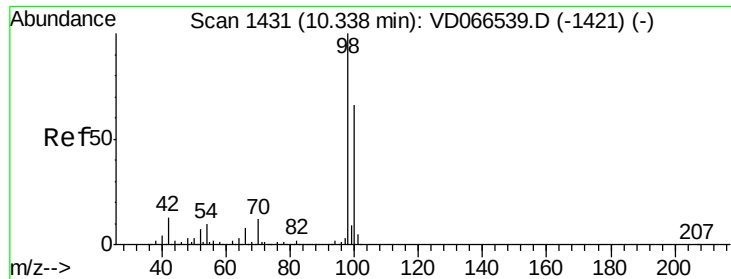


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

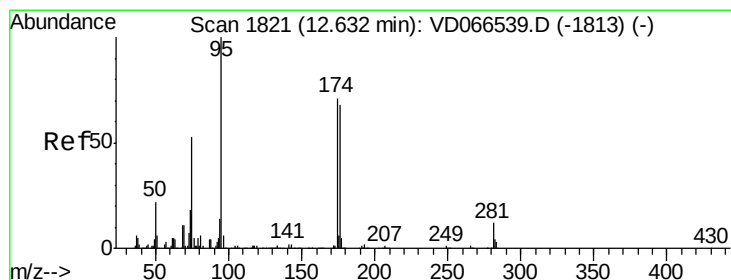
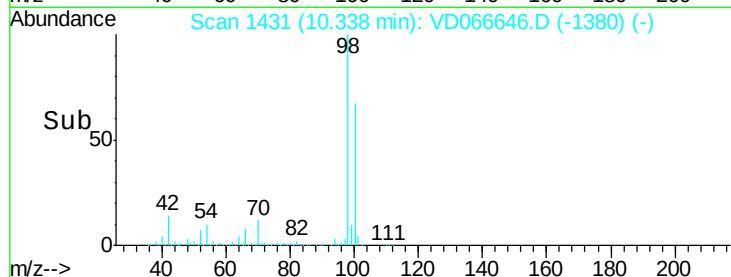
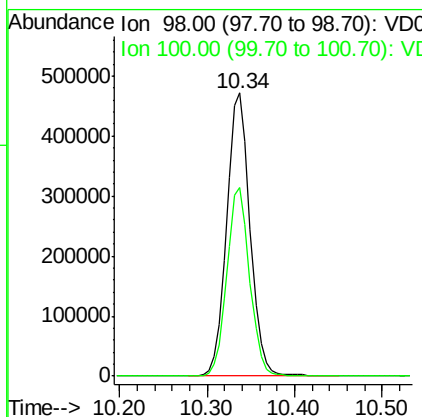
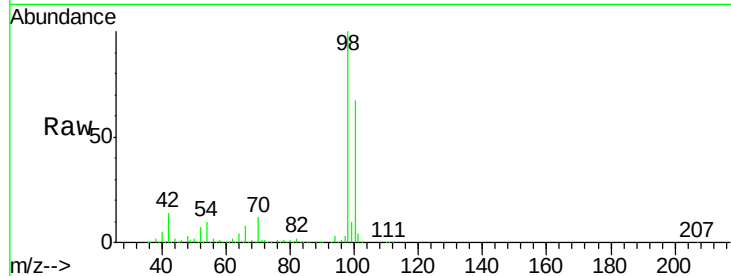




#50
Toluene-d8
Concen: 51.556 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066646.D
Acq: 11 Sep 2020 14:12

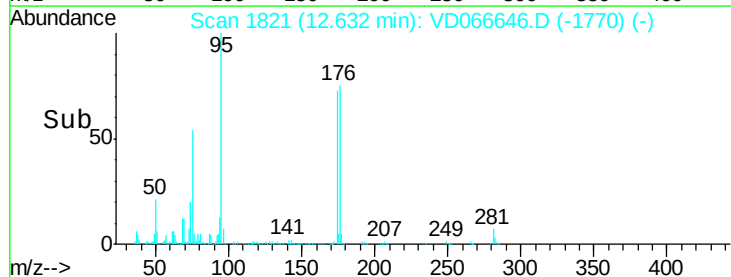
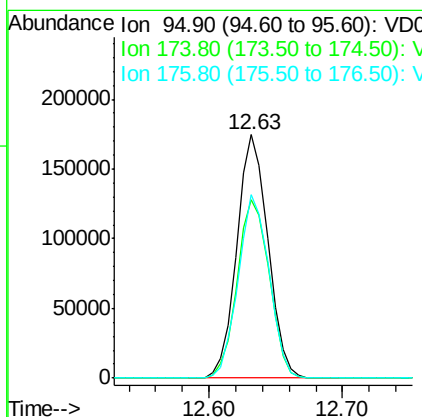
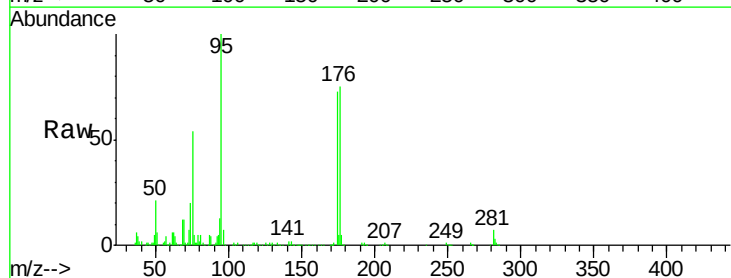
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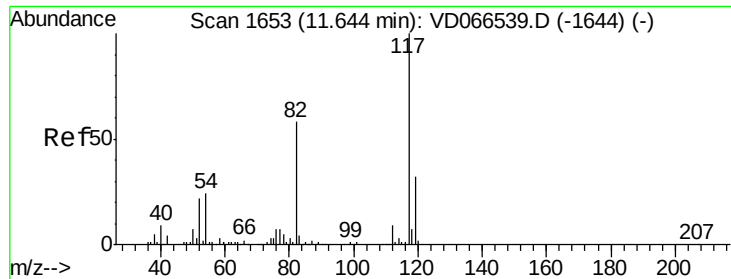
Tot Ion: 98 Resp: 860624
Ion Ratio Lower Upper
98 100
100 65.3 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 50.876 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066646.D
Acq: 11 Sep 2020 14:12

Tgt Ion: 95 Resp: 281609
Ion Ratio Lower Upper
95 100
174 75.7 0.0 155.8
176 74.8 0.0 148.6

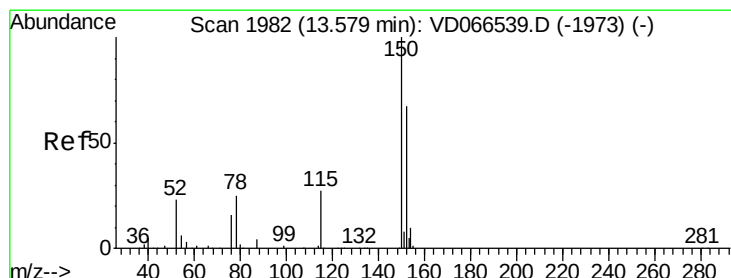
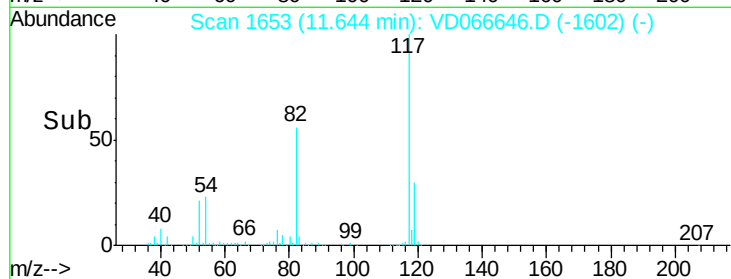
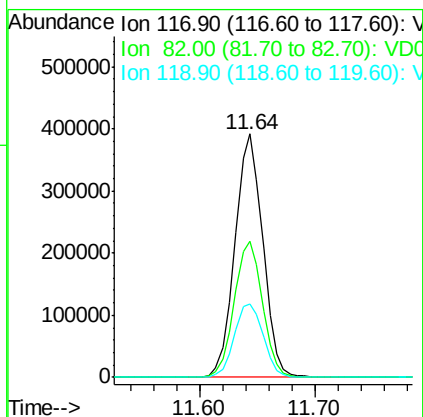
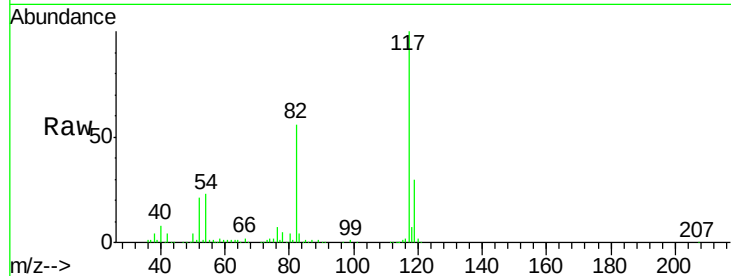




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066646.D
Acq: 11 Sep 2020 14:12

Instrument :
MSVOA_D
ClientSampleId :
BSY-SB-01-9-11

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	46.2	69.2
119	30.1	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: VD066646.D
Acq: 11 Sep 2020 14:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	30.4	91.2
150	156.7	0.0	345.8

