

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
 Data File : VU025886.D
 Acq On : 06 Aug 2018 15:20
 Operator : MD/SY
 Sample : J4164-08
 Misc : 9.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SB-4(7-9)

Quant Time: Aug 07 01:16:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 00:49:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	171801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	275305	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	283992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	178895	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	142269	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
35) Dibromofluoromethane	4.88	113	116766	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
50) Toluene-d8	7.57	98	408609	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
62) 4-Bromofluorobenzene	10.31	95	168894	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	

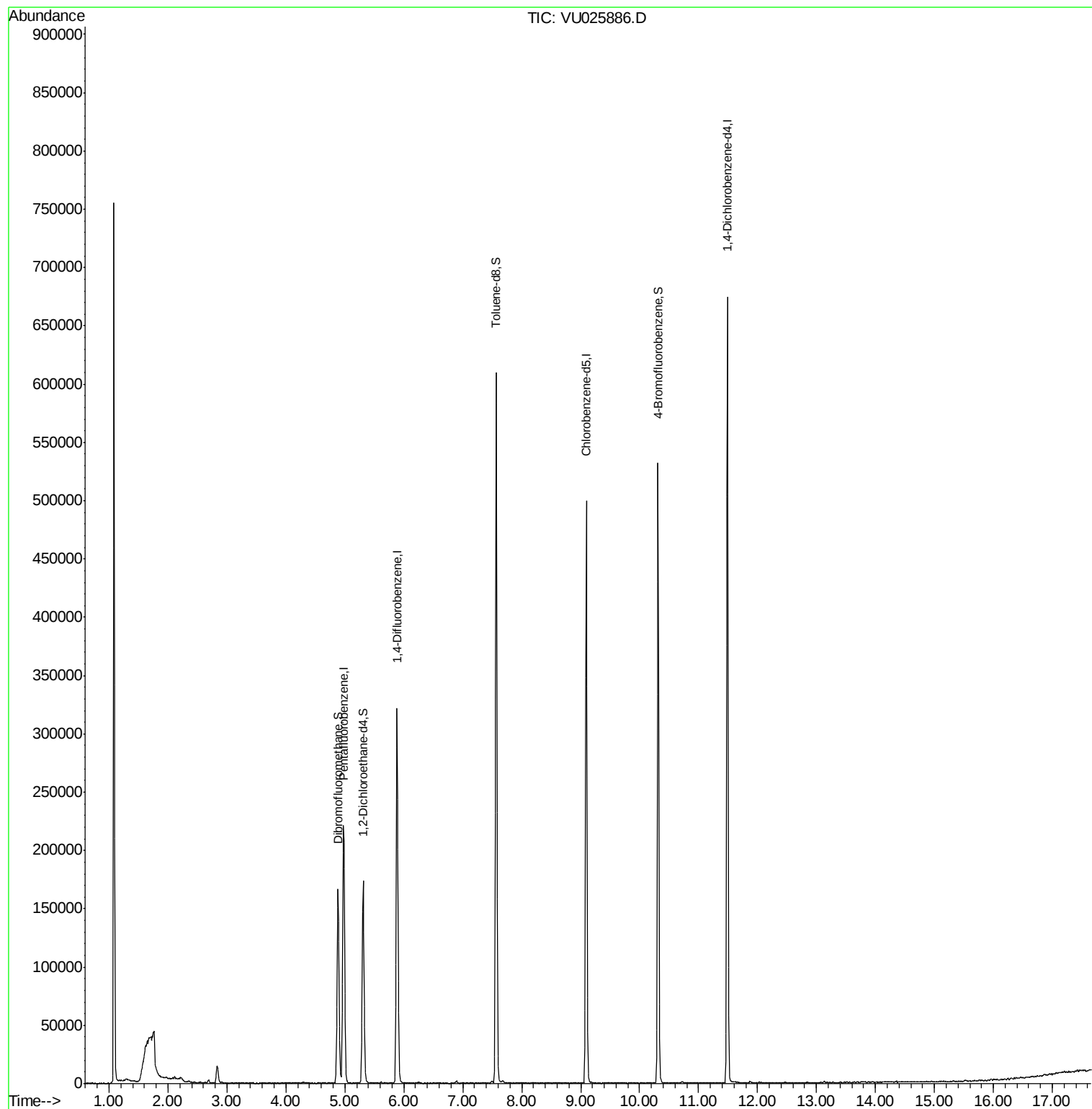
Target Compounds	Qvalue

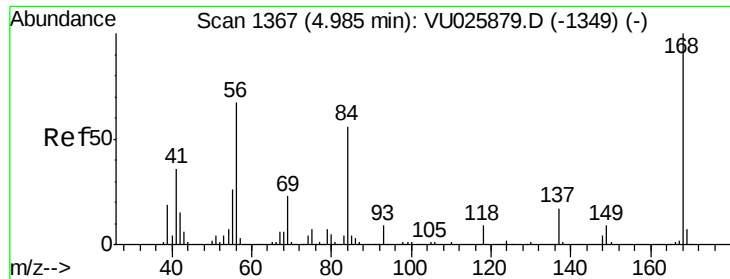
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.98 min Scan# 1365

Delta R.T. -0.01 min

Lab File: VU025886.D

Acq: 06 Aug 2018 15:20

Instrument :

MSVOA_U

ClientSampleId :

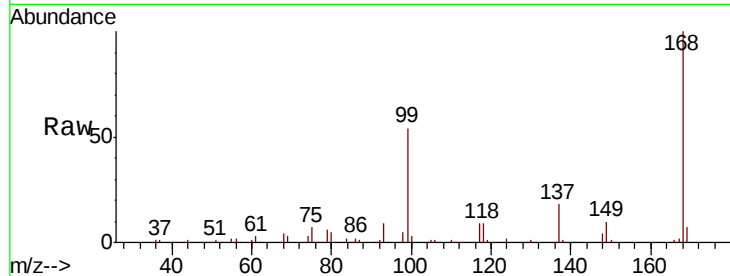
SB-4(7-9)

Tot Ion:168 Resp: 171801

Ion Ratio Lower Upper

168 100

99 54.0 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025879.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025879.D (-1349) (-)

4.98

80000

60000

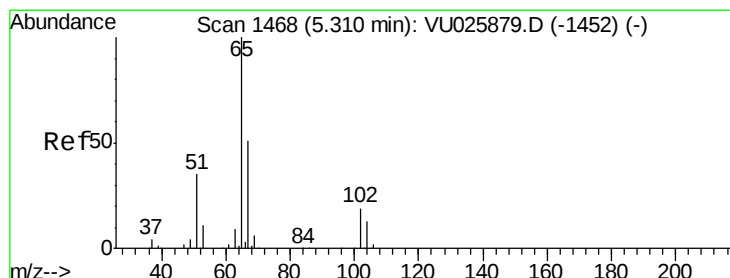
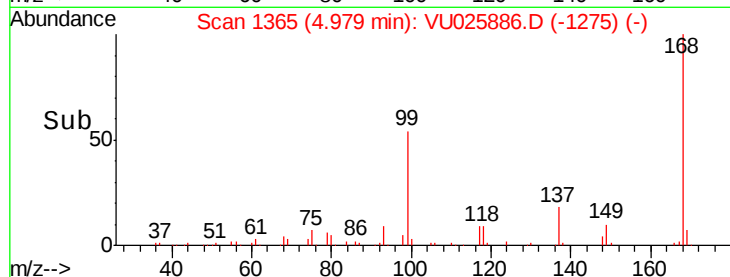
40000

20000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.15 ug/l

RT: 5.31 min Scan# 1468

Delta R.T. -0.00 min

Lab File: VU025886.D

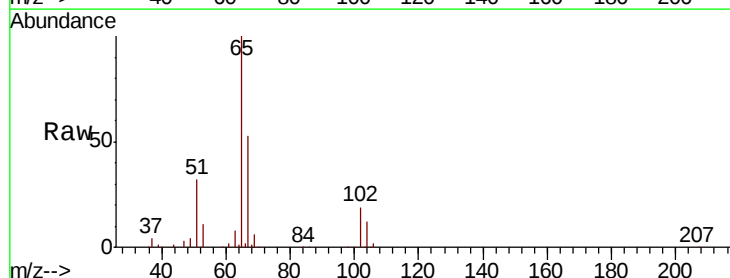
Acq: 06 Aug 2018 15:20

Tgt Ion: 65 Resp: 142269

Ion Ratio Lower Upper

65 100

67 53.0 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025879.D (-1452) (-)

Ion 66.90 (66.60 to 67.60): VU025879.D (-1452) (-)

5.31

60000

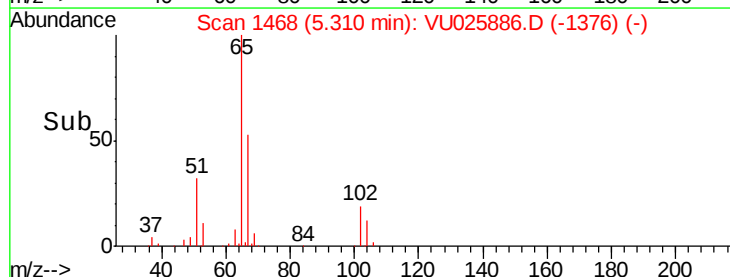
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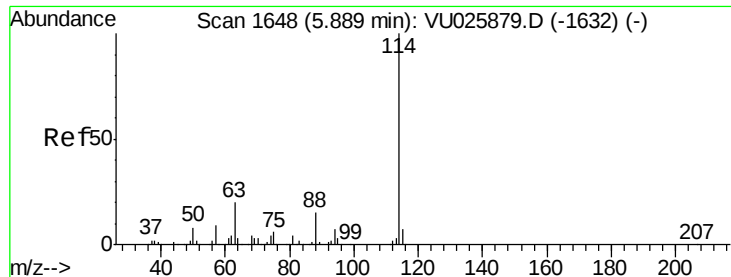
20000

0

5.20 5.30 5.40

Time-->

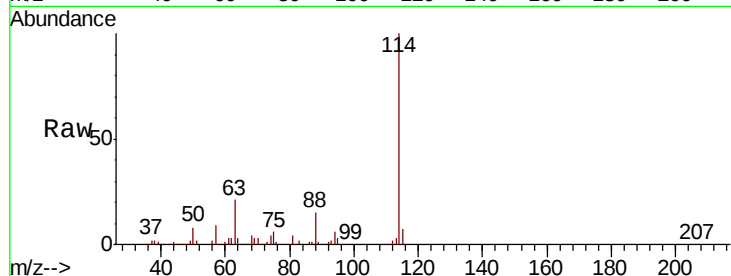




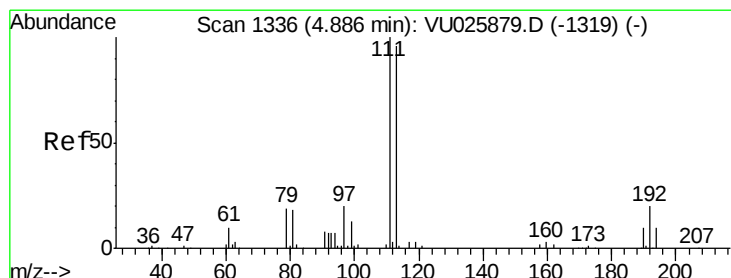
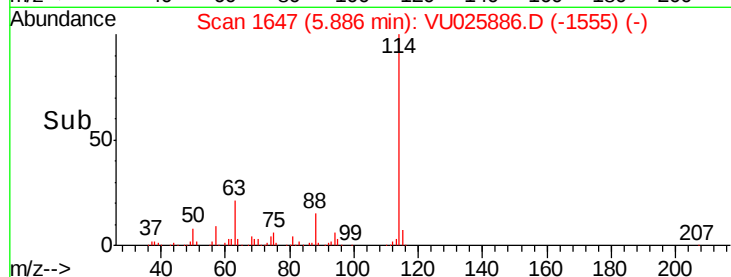
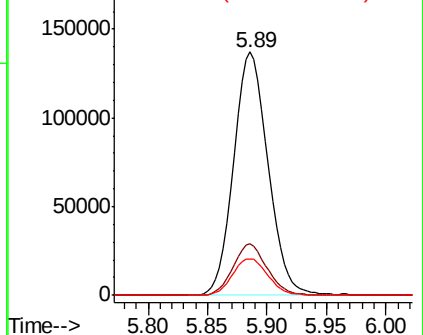
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.89 min Scan# 1647
Delta R.T. -0.00 min
Lab File: VU025886.D
Acq: 06 Aug 2018 15:20

Instrument :
MSVOA_U
ClientSampleId :
SB-4(7-9)

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.6
88	15.2	0.0	32.4

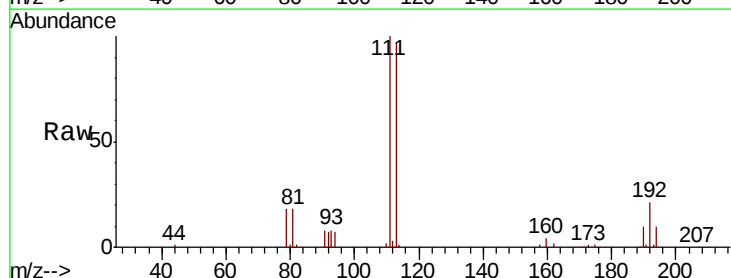


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VU0
Ion 87.90 (87.60 to 88.60): VU0

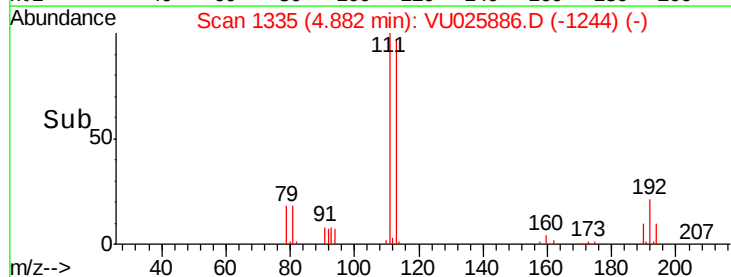
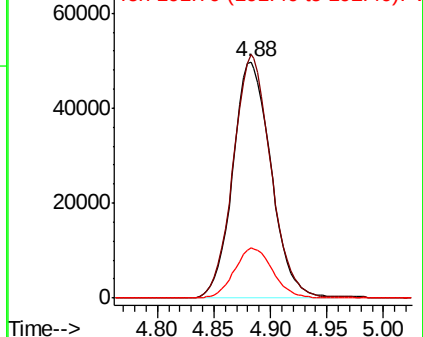


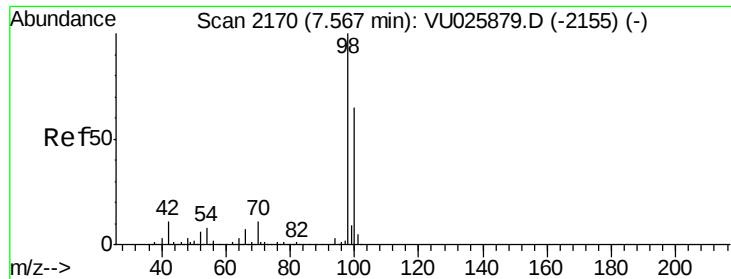
#35
Dibromofluoromethane
Concen: 48.76 ug/l
RT: 4.88 min Scan# 1335
Delta R.T. -0.01 min
Lab File: VU025886.D
Acq: 06 Aug 2018 15:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.7	122.5
192	21.3	17.1	25.7



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: 48.77 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU025886.D

Acq: 06 Aug 2018 15:20

Instrument :

MSVOA_U

ClientSampleId :

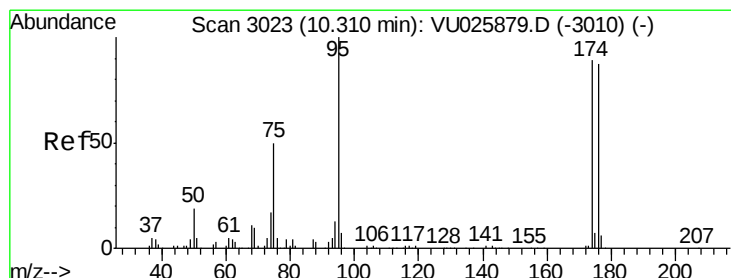
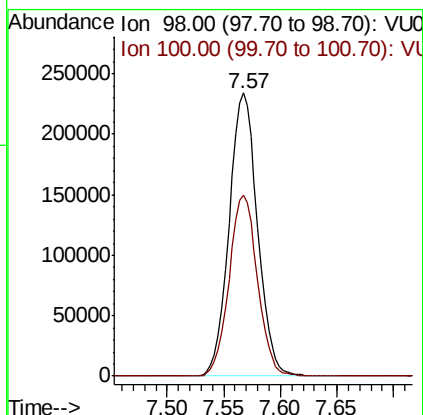
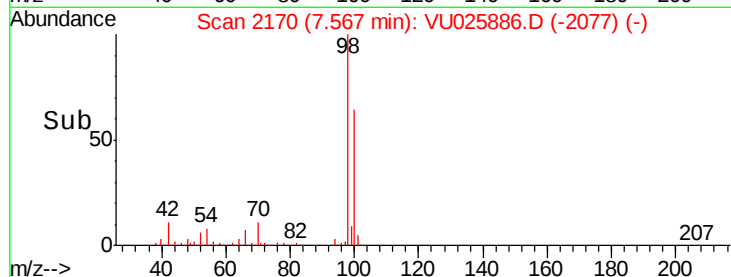
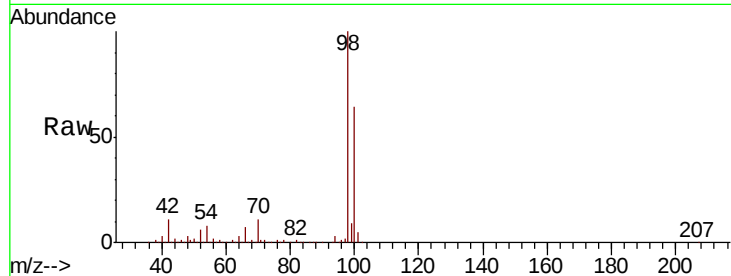
SB-4(7-9)

Tot Ion: 98 Resp: 408609

Ion Ratio Lower Upper

98 100

100 64.1 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 51.93 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. 0.00 min

Lab File: VU025886.D

Acq: 06 Aug 2018 15:20

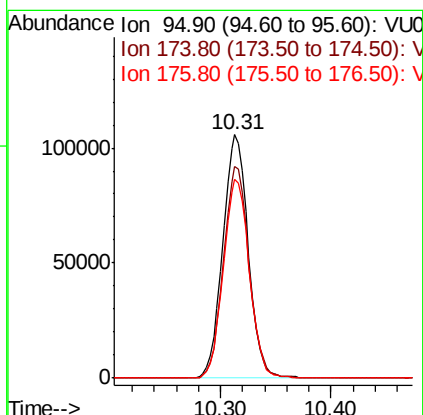
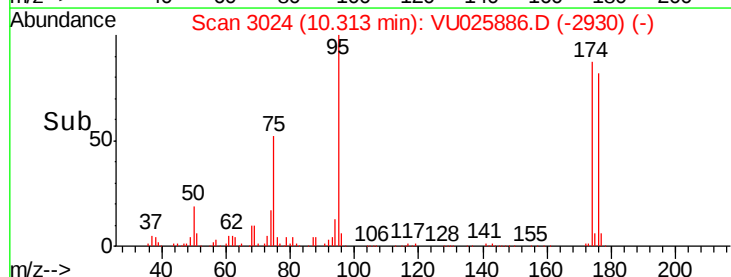
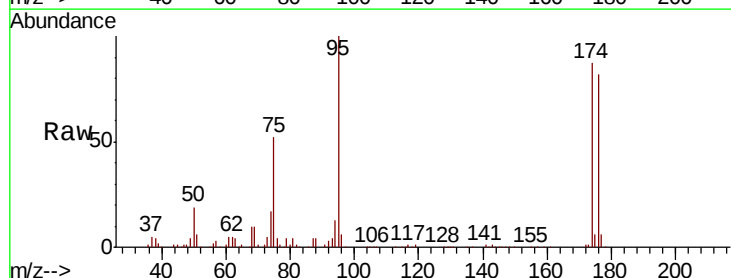
Tgt Ion: 95 Resp: 168894

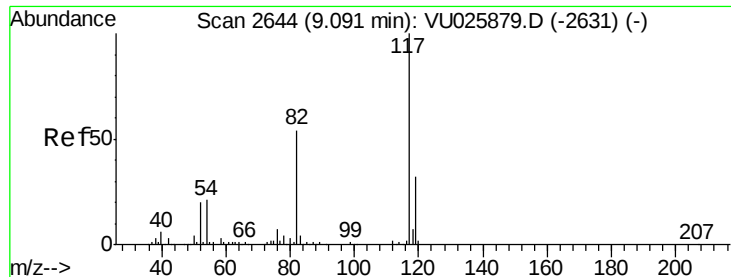
Ion Ratio Lower Upper

95 100

174 87.6 0.0 172.2

176 83.7 0.0 162.6

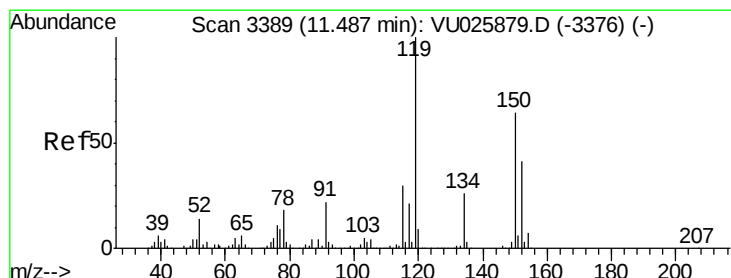
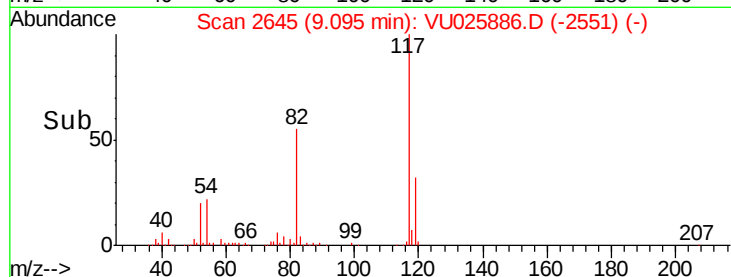
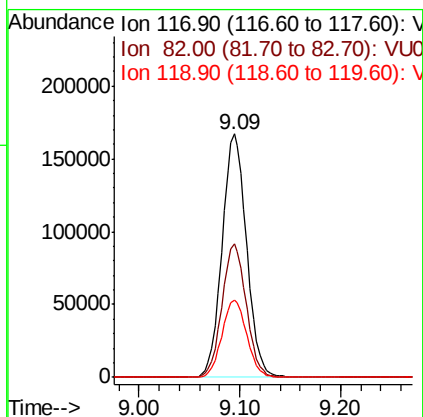
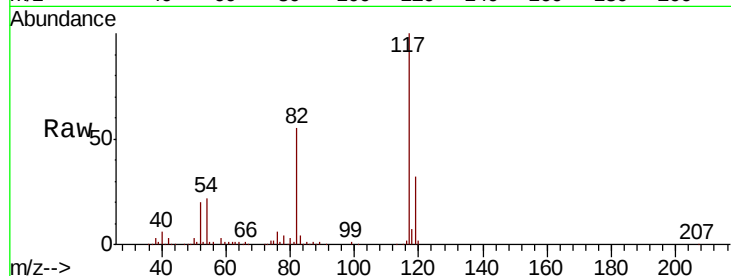




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025886.D
Acq: 06 Aug 2018 15:20

Instrument :
MSVOA_U
ClientSampleId :
SB-4(7-9)

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	46.0	69.0
119	32.0	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VU025886.D
Acq: 06 Aug 2018 15:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	40.1	120.3
150	156.2	0.0	351.4

