

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040719\
 Data File : VU030832.D
 Acq On : 07 Apr 2019 03:47
 Operator : JC/SP
 Sample : K2269-03DL 500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BR5DL

Manual Integrations
 APPROVED

MMDadoda
 4/10/2019 9:29:31 AM

Quant Time: Apr 09 01:24:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 08 07:03:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	462608	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	468996	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	194421	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	213608	51.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.46%
7) Chloroethane-d5	1.68	69	166840	53.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.46%
11) 1,1-Dichloroethene-d2	2.27	63	293864	39.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.68%
21) 2-Butanone-d5	4.17	46	335478	102.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.50%
24) Chloroform-d	4.64	84	306730	48.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.24%
26) 1,2-Dichloroethane-d4	5.31	65	220330	51.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.38%
32) Benzene-d6	5.34	84	661250	48.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.32	67	226402	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.50%
41) Toluene-d8	7.56	98	557617	45.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.90%
43) trans-1,3-Dichloropropene-	7.85	79	93254	43.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.18%
47) 2-Hexanone-d5	8.31	63	201860	94.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.13%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	303160	47.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	196738	51.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.90%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
33) Benzene	5.39	78	130628	8.511	ug/L	100
51) Chlorobenzene	9.12	112	478104	49.758	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	18386	2.992	ug/L	93
63) 1,4-Dichlorobenzene	11.50	146	161854	25.896	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	209240	33.947	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	17845m	4.674	ug/L	
70) 1,2,3-Trichlorobenzene	13.99	180	4673m	1.171	ug/L	

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

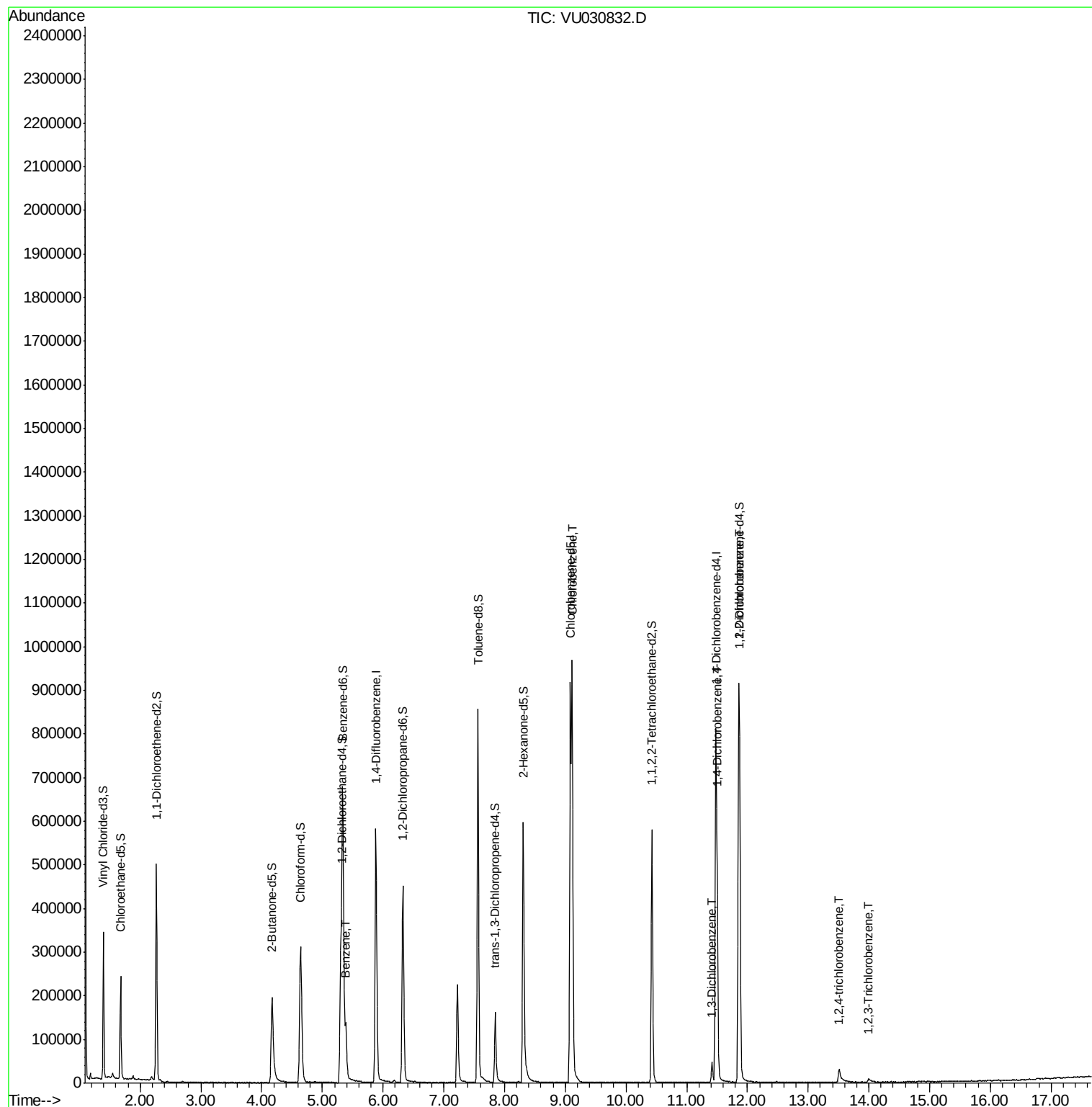
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040719\
Data File : VU030832.D
Acq On : 07 Apr 2019 03:47
Operator : JC/SP
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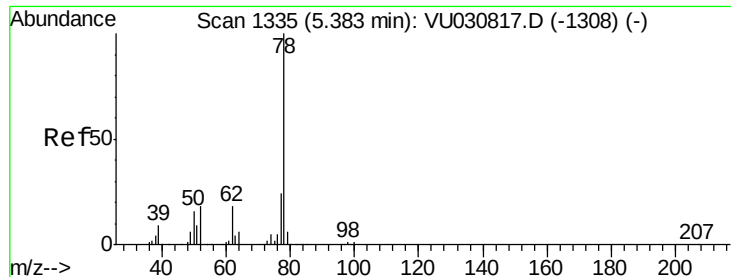
Instrument :
MSVOA_U
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Quant Time: Apr 09 01:24:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 07:03:53 2019
Response via : Initial Calibration





#33

Benzene

Concen: 8.511 ug/L

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU030832.D

Acq: 07 Apr 2019 03:47

Instrument :

MSVOA_U

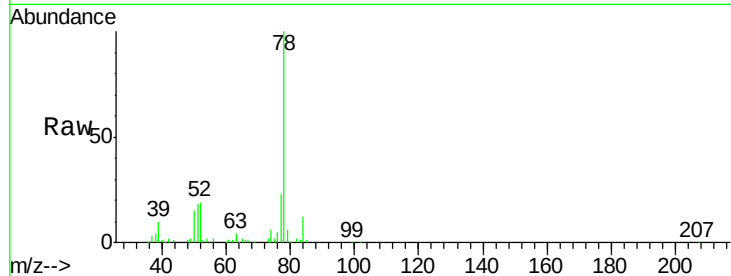
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C0BR5DL

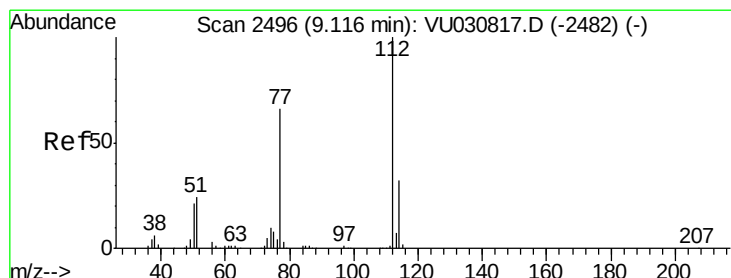
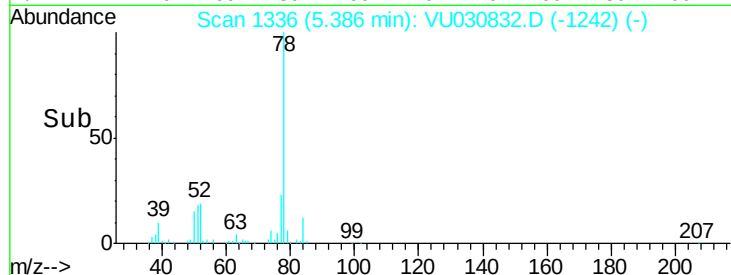
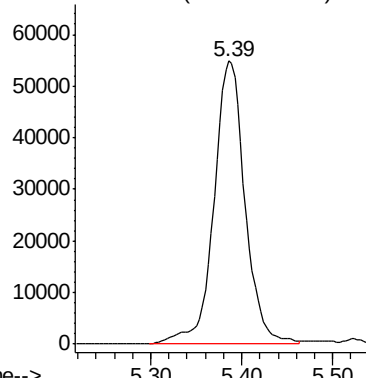
Tgt Ion: 78 Resp: 130628

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Abundance Ion 78.00 (77.70 to 78.70): VU0



#51

Chlorobenzene

Concen: 49.758 ug/L

RT: 9.12 min Scan# 2496

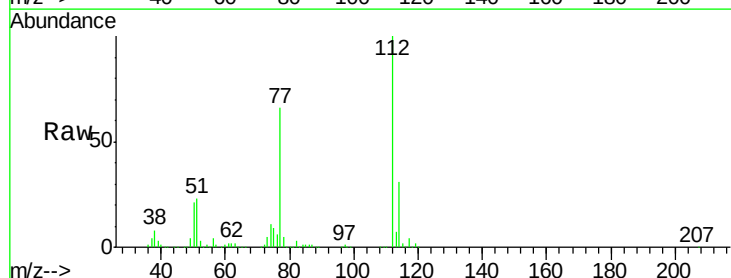
Delta R.T. -0.00 min

Lab File: VU030832.D

Acq: 07 Apr 2019 03:47

Tgt Ion: 112 Resp: 478104

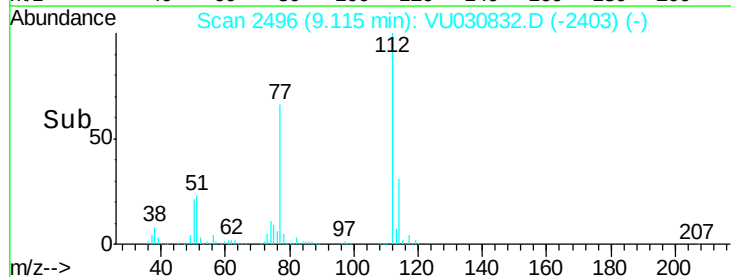
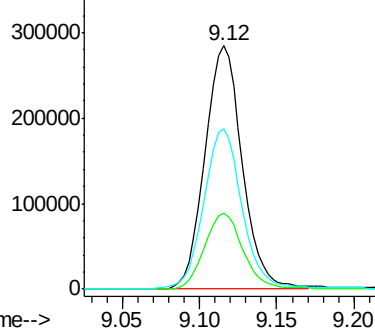
Ion	Ratio	Lower	Upper
112	100		
114	31.0	22.2	41.2
77	65.8	51.7	77.5

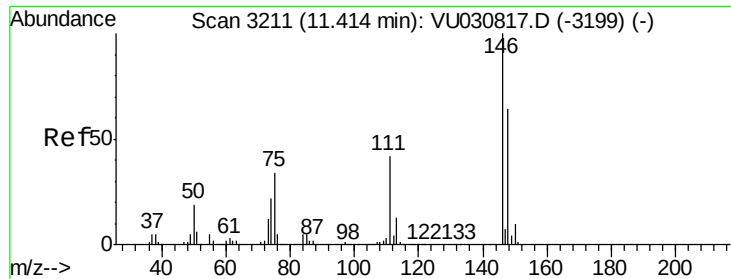


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0





#62

1,3-Dichlorobenzene

Concen: 2.992 ug/L

RT: 11.42 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VU030832.D

Acq: 07 Apr 2019 03:47

Instrument :

MSVOA_U

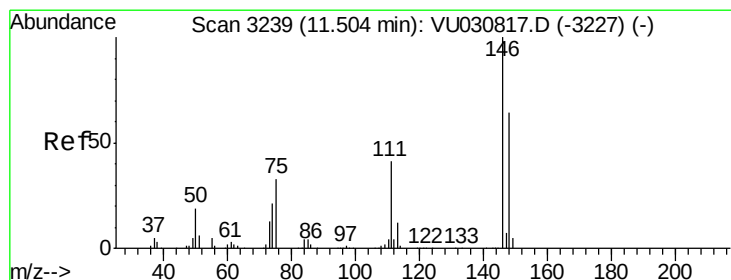
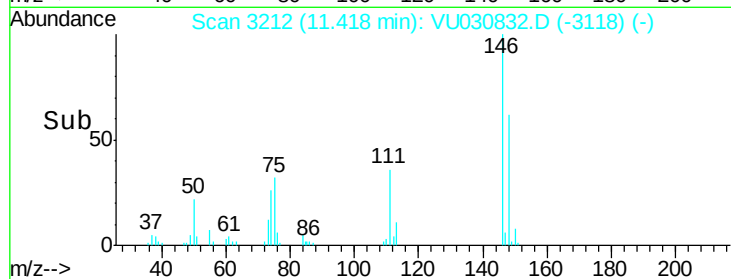
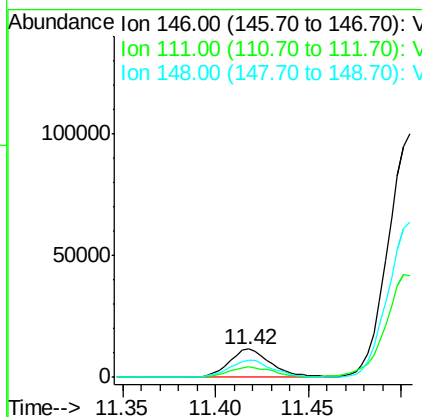
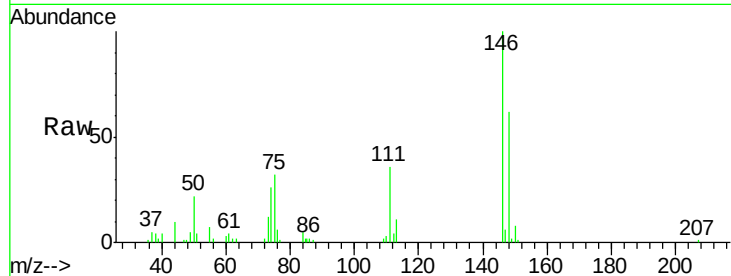
ClientSampleId :

C0BR5DL

Tot Ion:	146	Resp:	18386
Ion Ratio	Lower	Upper	
146	100		
111	36.2	30.9	57.5
148	61.6	44.7	82.9

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#63

1,4-Dichlorobenzene

Concen: 25.896 ug/L

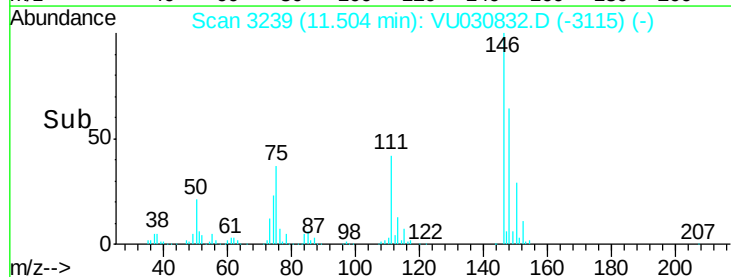
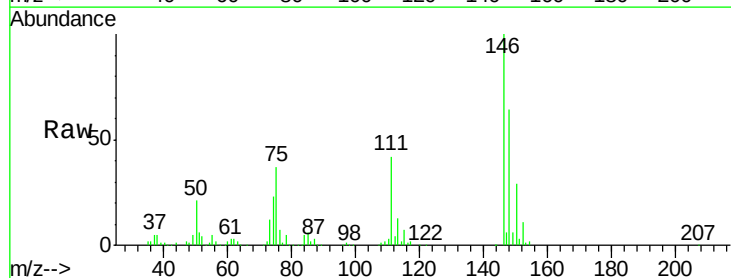
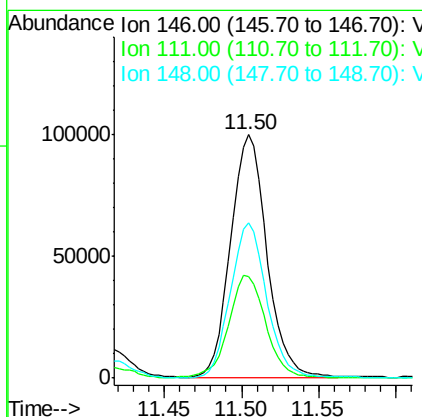
RT: 11.50 min Scan# 3239

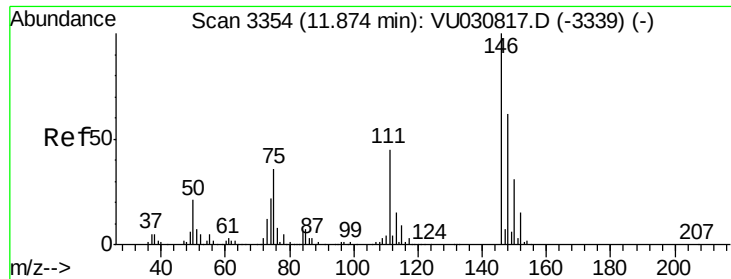
Delta R.T. -0.00 min

Lab File: VU030832.D

Acq: 07 Apr 2019 03:47

Tgt Ion:	146	Resp:	161854
Ion Ratio	Lower	Upper	
146	100		
111	41.9	27.7	51.5
148	63.9	45.4	84.4





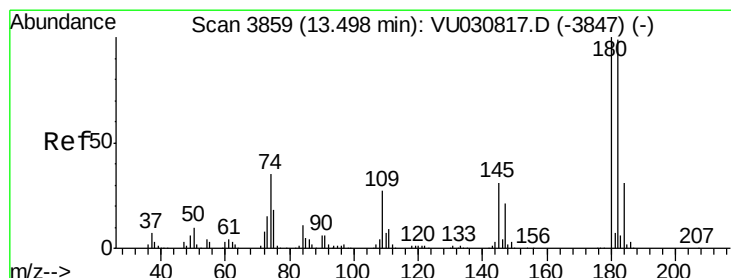
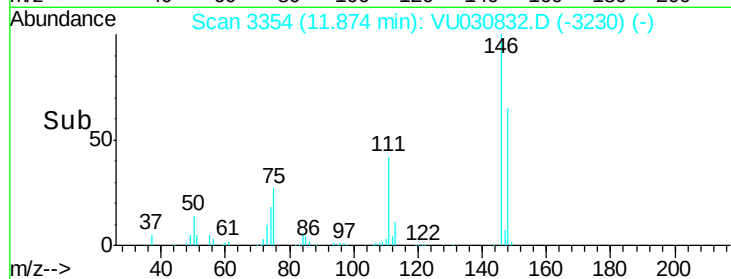
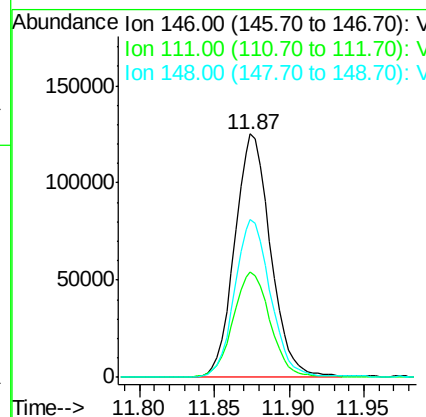
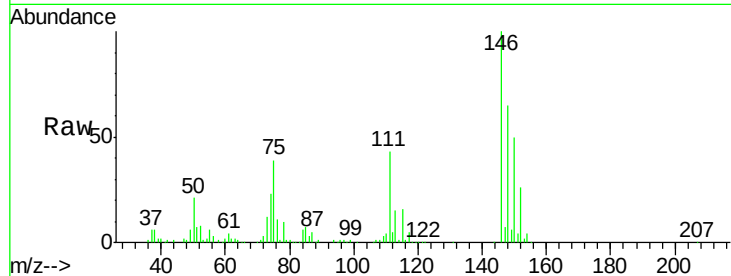
#65
 1,2-Dichlorobenzene
 Concen: 33.947 ug/L
 RT: 11.87 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VU030832.D
 Acq: 07 Apr 2019 03:47

Instrument :
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Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	34.9	52.3
148	64.6	50.4	75.6

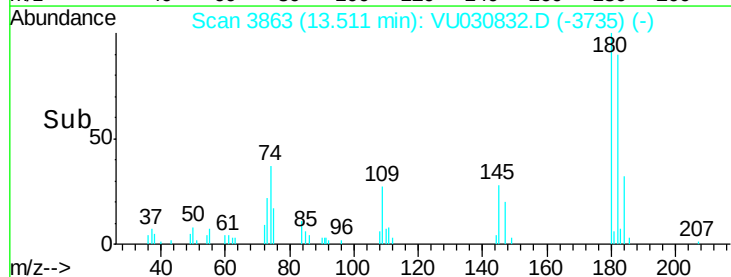
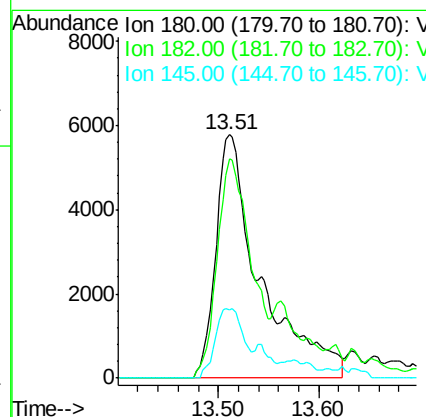
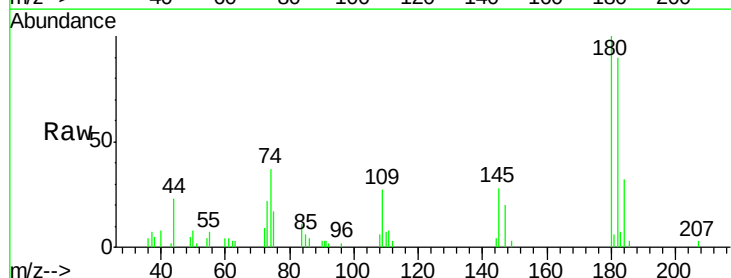
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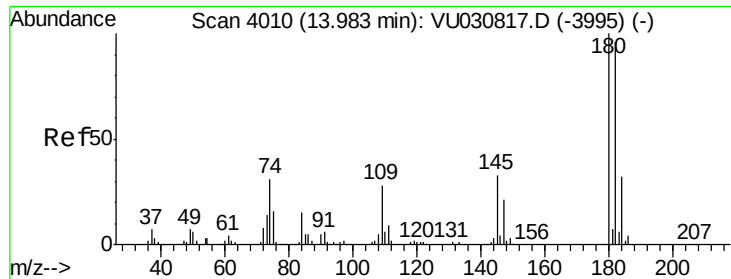
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#68
 1,2,4-trichlorobenzene
 Concen: 4.674 ug/L m
 RT: 13.51 min Scan# 3863
 Delta R.T. 0.01 min
 Lab File: VU030832.D
 Acq: 07 Apr 2019 03:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	68.3	76.7	115.1#
145	9.6	24.4	36.6#





#70
 1,2,3-Trichlorobenzene
 Concen: 1.171 ug/L m
 RT: 13.99 min Scan# 4013
 Delta R.T. 0.01 min
 Lab File: VU030832.D
 Acq: 07 Apr 2019 03:47

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BR5DL

Tot Ion	Ratio	Lower	Upper
180	100		
182	50.3	78.1	117.1#
145	14.7	26.6	40.0#

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