

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U032019\
 Data File : VU030247.D
 Acq On : 21 Mar 2019 00:44
 Operator : JC/SP
 Sample : K2017-04
 Misc : 6.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0D7

Manual Integrations
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 3/22/2019 12:14:59 PM

Quant Time: Mar 22 03:11:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 01:27:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	575233	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	571491	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	303581	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	131699	33.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.72%
7) Chloroethane-d5	1.64	69	64507	20.74	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	41.48%#
11) 1,1-Dichloroethene-d2	2.22	63	189907	26.76	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.52%#
21) 2-Butanone-d5	4.19	46	254571	88.22	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.22%
24) Chloroform-d	4.64	84	282252	39.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.08%
26) 1,2-Dichloroethane-d4	5.30	65	170455	41.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.74%
32) Benzene-d6	5.33	84	604325	40.13	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.26%
36) 1,2-Dichloropropane-d6	6.32	67	194733	41.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.58%
41) Toluene-d8	7.56	98	548456	38.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.46%#
43) trans-1,3-Dichloropropene-	7.85	79	85814	37.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.64%
47) 2-Hexanone-d5	8.32	63	228009	94.36	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	332074	46.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	259115	42.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.02%

Target Compounds

					Ovalue
34) Trichloroethene	6.18	95	29199	6.719 ug/L	99
51) Chlorobenzene	9.12	112	12197	1.027 ug/L	94
63) 1,4-Dichlorobenzene	11.51	146	31065	3.092 ug/L	95
65) 1,2-Dichlorobenzene	11.88	146	41717	4.216 ug/L	97
68) 1,2,4-trichlorobenzene	13.51	180	22463m	3.356 ug/L	

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

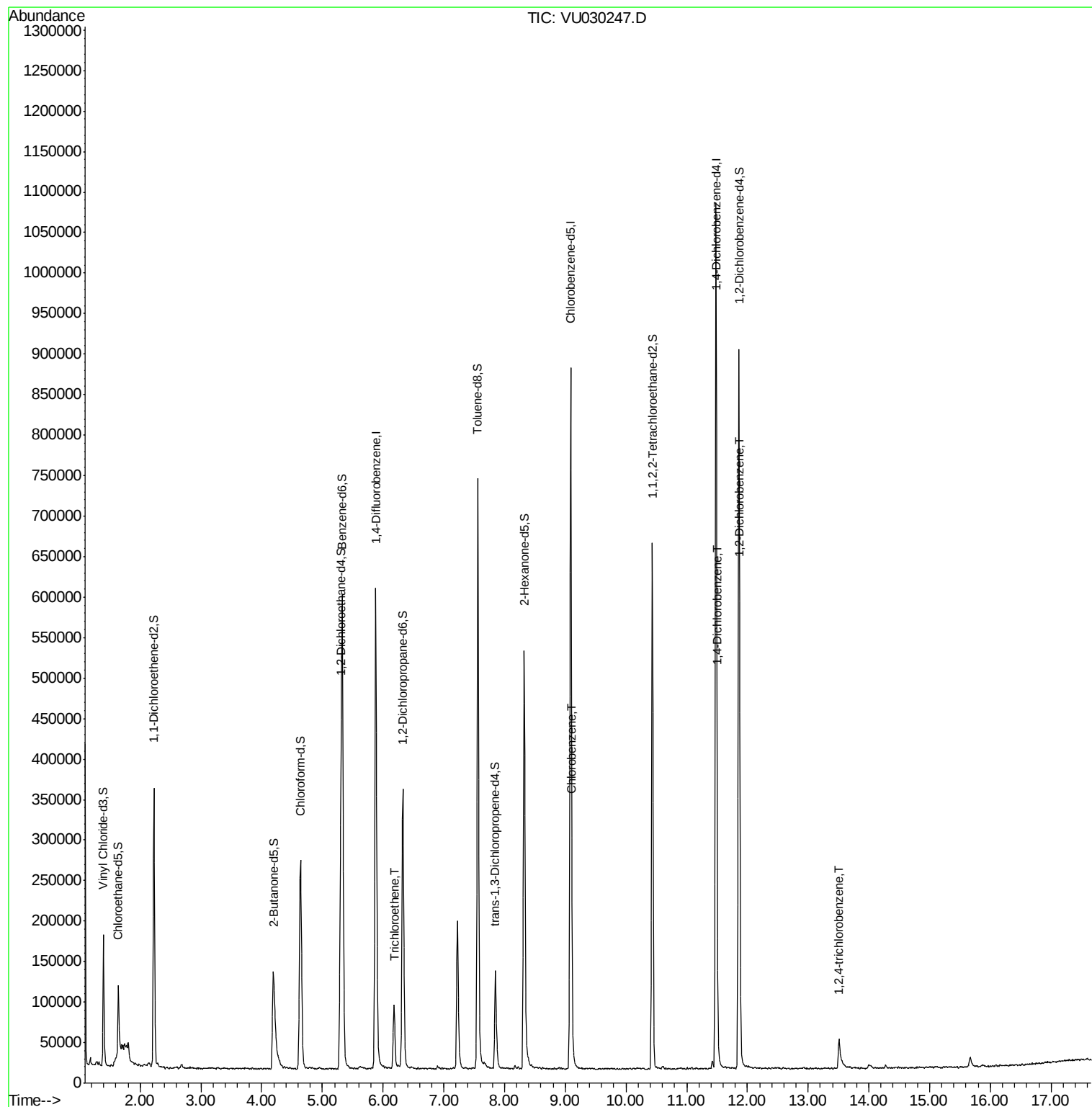
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU032019\
Data File : VU030247.D
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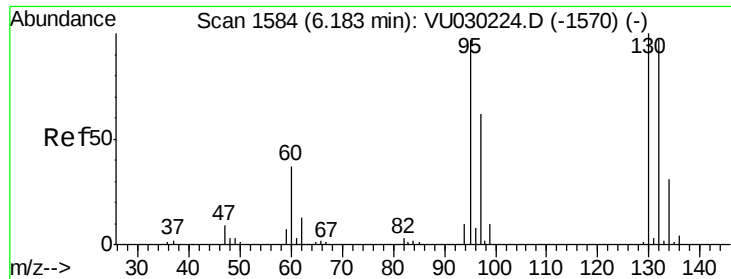
Instrument :
MSVOA_U
ClientSampleId :
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Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:27:23 2019
Response via : Initial Calibration





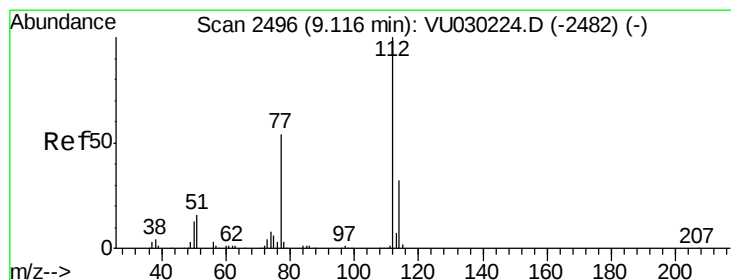
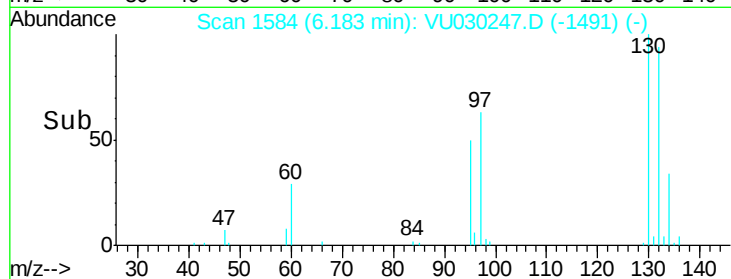
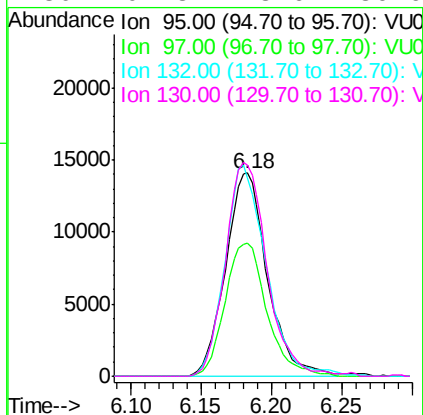
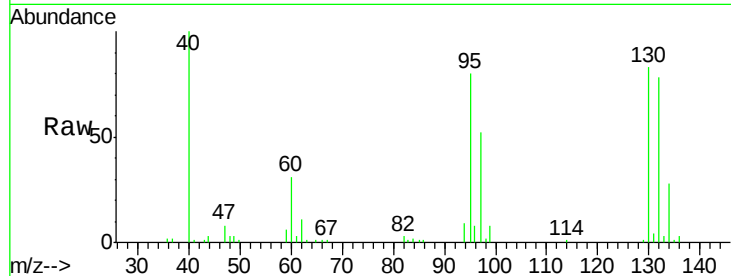
#34
 Trichloroethene
 Concen: 6.719 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VU030247.D
 Acq: 21 Mar 2019 00:44

Instrument :
 MSVOA_U
 ClientSampled :
 BF0D7

Tot Ion:	95	Resp:	29199
Ion	Ratio	Lower	Upper
95	100		
97	65.6	46.2	85.8
132	97.9	69.3	128.7
130	104.3	73.6	136.6

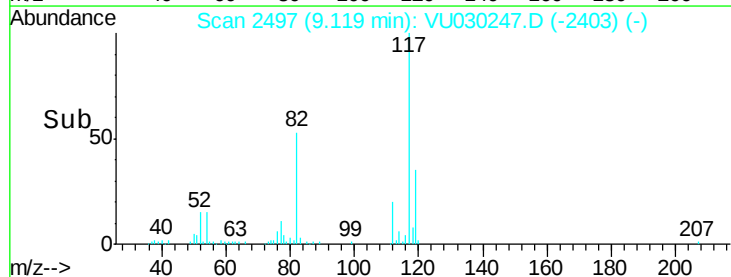
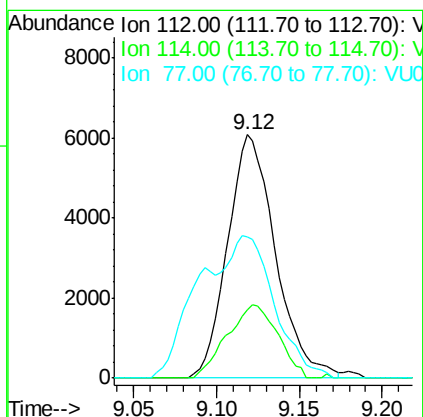
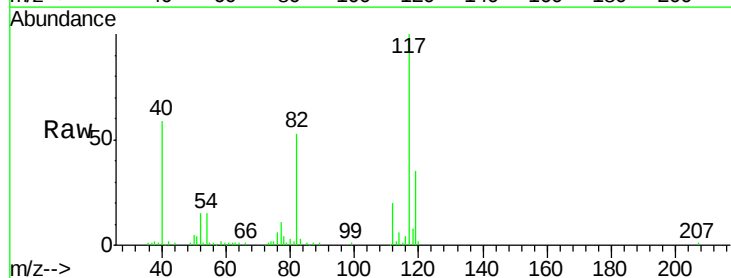
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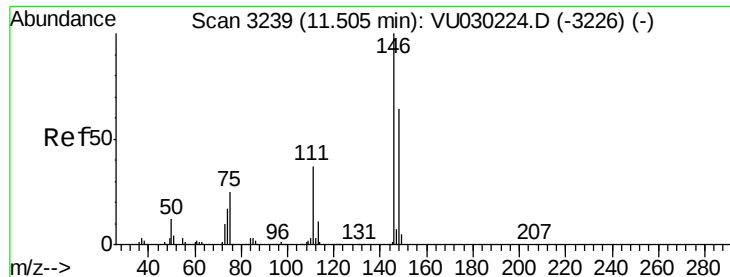
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#51
 Chlorobenzene
 Concen: 1.027 ug/L
 RT: 9.12 min Scan# 2497
 Delta R.T. 0.00 min
 Lab File: VU030247.D
 Acq: 21 Mar 2019 00:44

Tgt Ion:	112	Resp:	12197
Ion	Ratio	Lower	Upper
112	100		
114	28.1	22.5	41.7
77	58.0	43.4	65.0





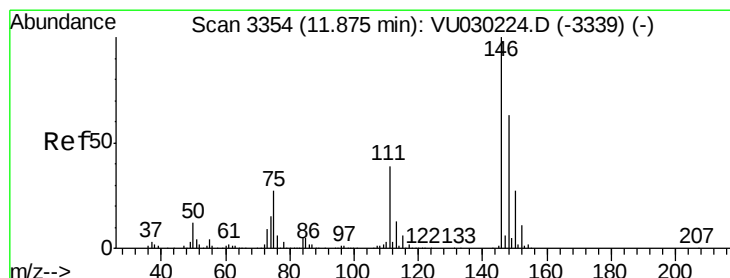
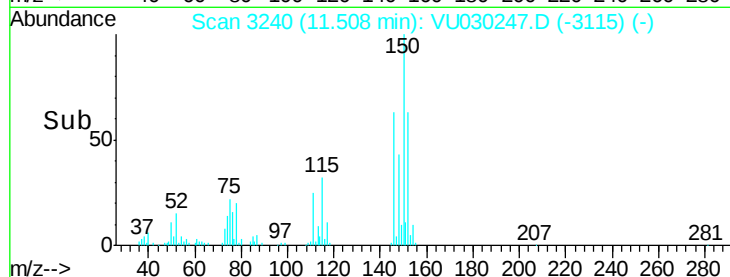
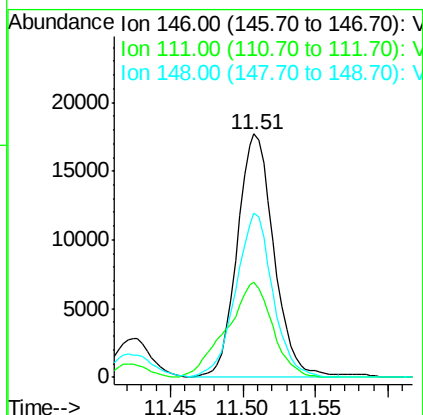
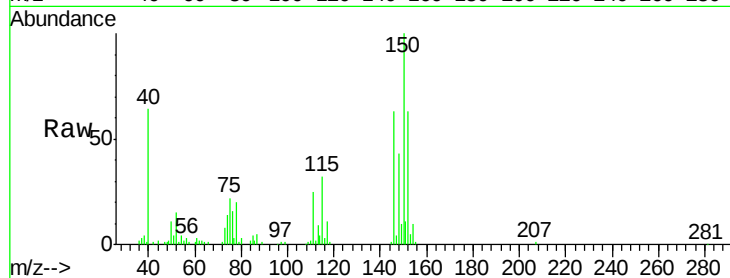
#63
1,4-Dichlorobenzene
Concen: 3.092 ug/L
RT: 11.51 min Scan# 3240
Delta R.T. 0.00 min
Lab File: VU030247.D
Acq: 21 Mar 2019 00:44

Instrument :
MSVOA_U
ClientSampleId :
BF0D7

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	25.3	46.9
148	67.7	44.7	82.9

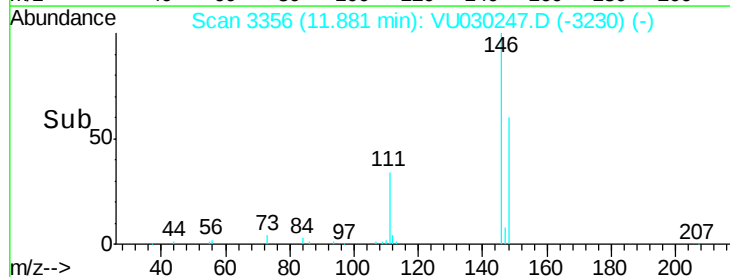
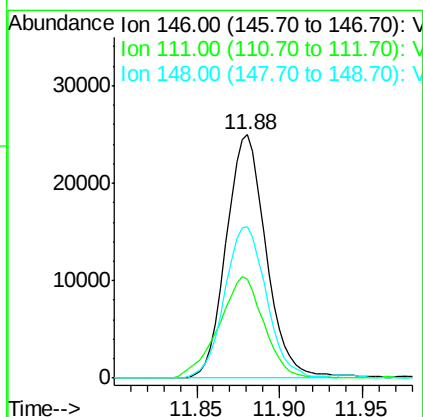
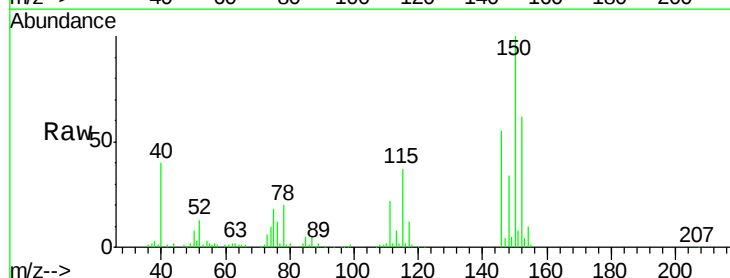
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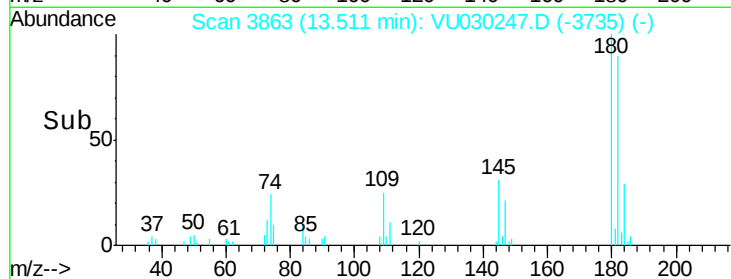
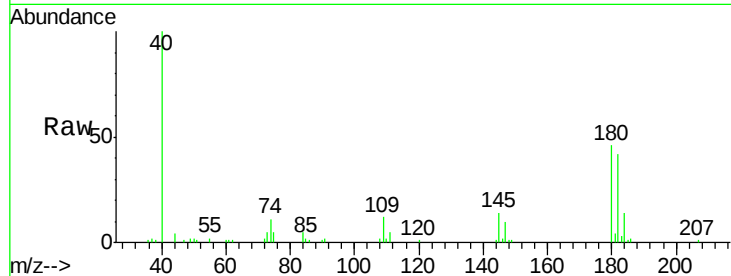
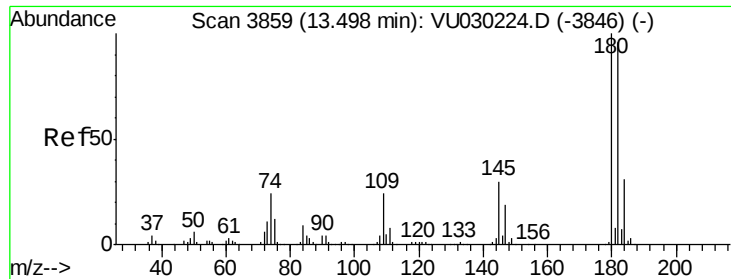
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#65
1,2-Dichlorobenzene
Concen: 4.216 ug/L
RT: 11.88 min Scan# 3356
Delta R.T. 0.01 min
Lab File: VU030247.D
Acq: 21 Mar 2019 00:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	31.7	47.5
148	62.1	52.0	78.0





#68
 1,2,4-trichlorobenzene
 Concen: 3.356 ug/L m
 RT: 13.51 min Scan# 3863
 Delta R.T. 0.01 min
 Lab File: VU030247.D
 Acq: 21 Mar 2019 00:44

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0D7

Tot Ion	Ratio	Lower	Upper
180	100		
182	74.5	76.4	114.6#
145	23.2	22.7	34.1

Manual Integrations
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