

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032019\
 Data File : VU030239.D
 Acq On : 20 Mar 2019 21:41
 Operator : JC/SP
 Sample : K2022-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0995

Manual Integrations
 APPROVED

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 3/22/2019 12:14:05 PM

Quant Time: Mar 22 02:41:55 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	507808	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	501598	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	232978	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	144315	42.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.06%
7) Chloroethane-d5	1.68	69	126163	45.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.90%
11) 1,1-Dichloroethene-d2	2.27	63	205417	32.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.58%
21) 2-Butanone-d5	4.17	46	256484	100.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.69%
24) Chloroform-d	4.65	84	296996	47.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.26%
26) 1,2-Dichloroethane-d4	5.31	65	176292	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.10%
32) Benzene-d6	5.34	84	626685	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.82%
36) 1,2-Dichloropropane-d6	6.33	67	198441	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.04%
41) Toluene-d8	7.56	98	562124	45.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.46%
43) trans-1,3-Dichloropropene-	7.85	79	87601	43.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.98%
47) 2-Hexanone-d5	8.31	63	212937	100.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	305990	48.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	233409	49.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

					Ovalue
13) Acetone	2.32	43	10645	3.999 ug/L	99
51) Chlorobenzene	9.12	112	15190	1.458 ug/L	93
63) 1,4-Dichlorobenzene	11.50	146	31022	4.024 ug/L	96
65) 1,2-Dichlorobenzene	11.87	146	27817	3.663 ug/L	95
68) 1,2,4-trichlorobenzene	13.51	180	8728m	1.699 ug/L	

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

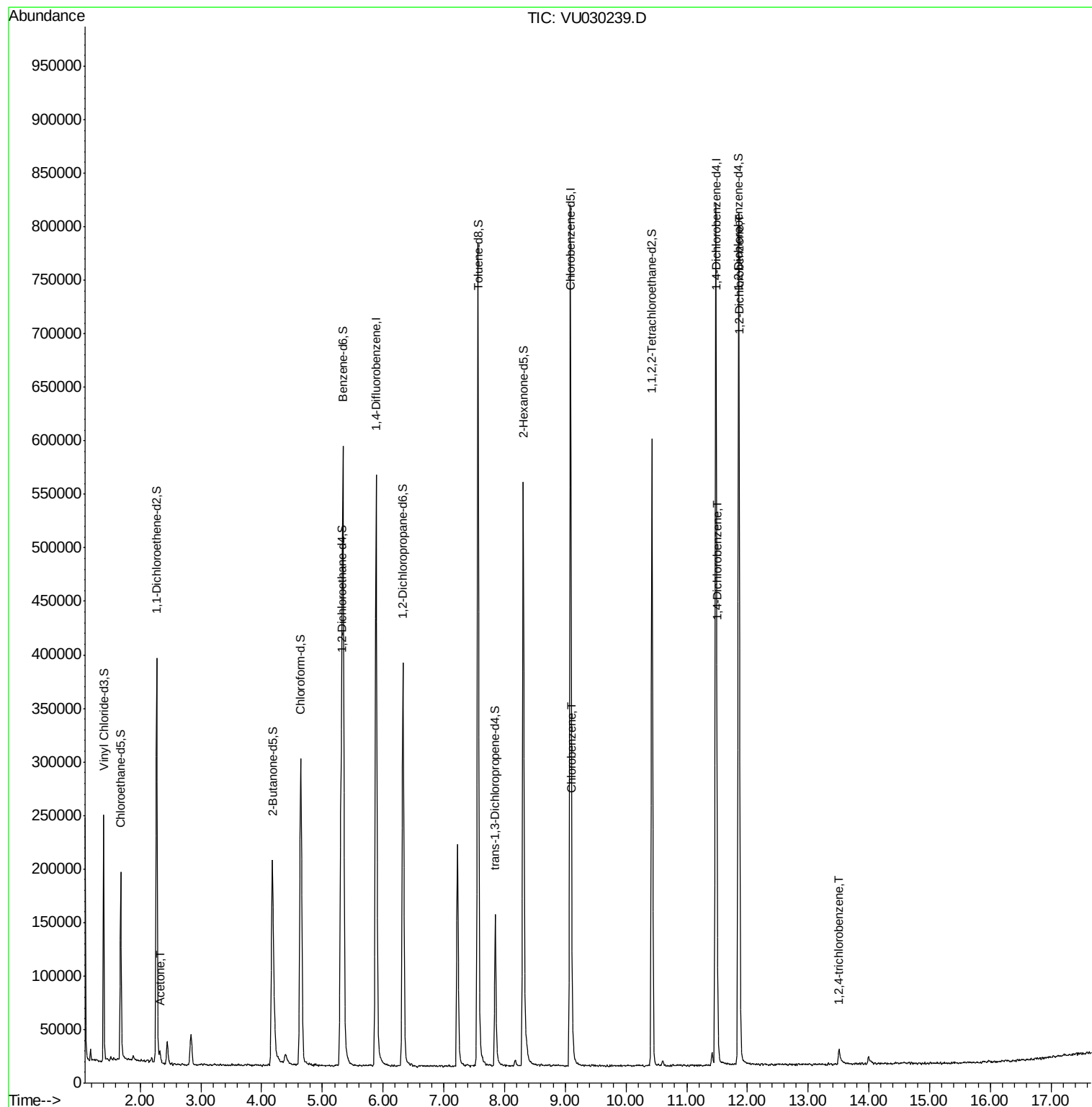
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU032019\
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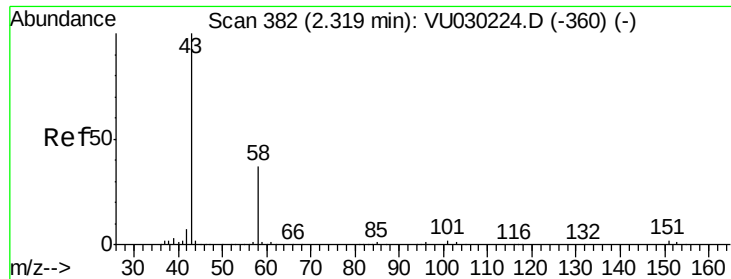
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:27:23 2019
Response via : Initial Calibration





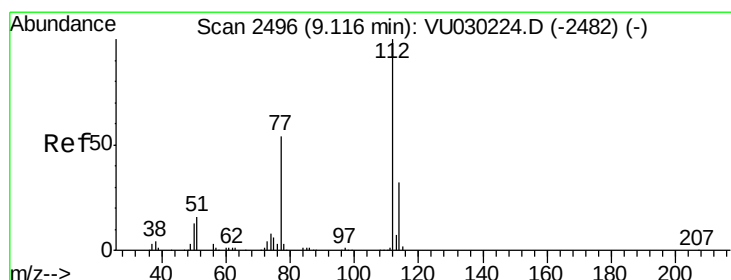
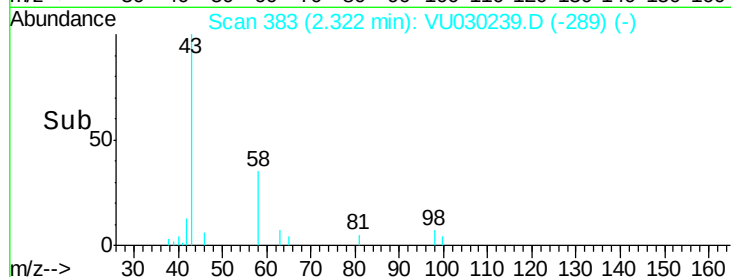
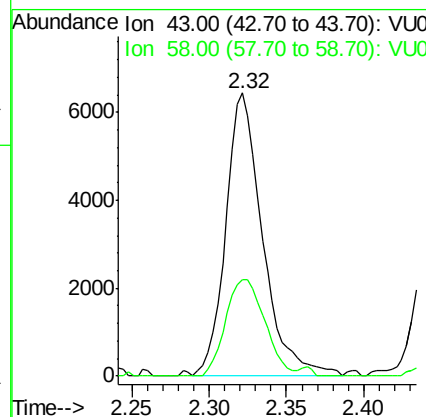
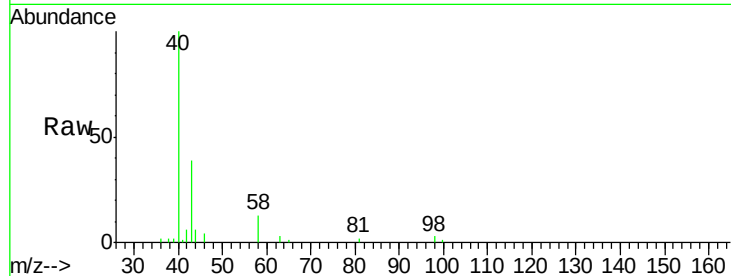
#13
Acetone
Concen: 3.999 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU030239.D
Acq: 20 Mar 2019 21:41

Instrument :
MSVOA_U
ClientSampled :
C0995

Tot Ion	43	Resp	10645
Ion Ratio	100	Lower	Upper
58	36.2	0.0	73.4

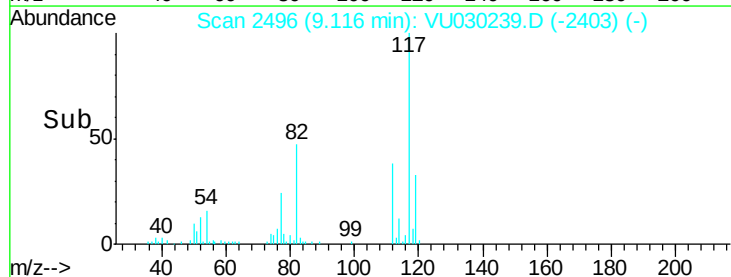
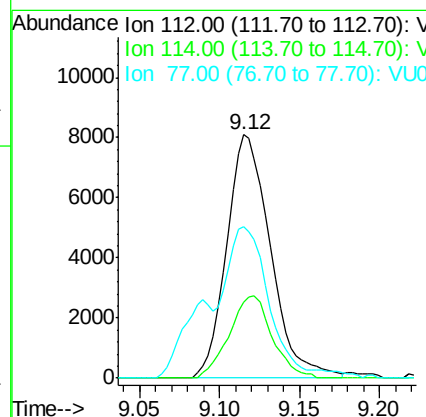
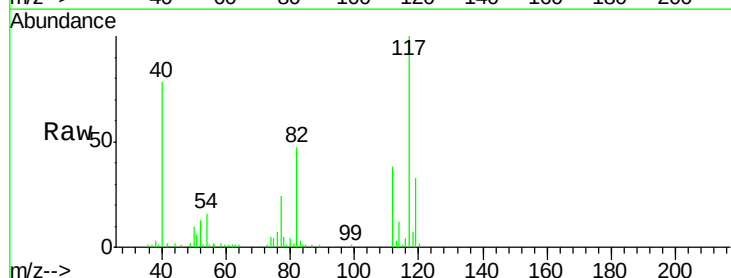
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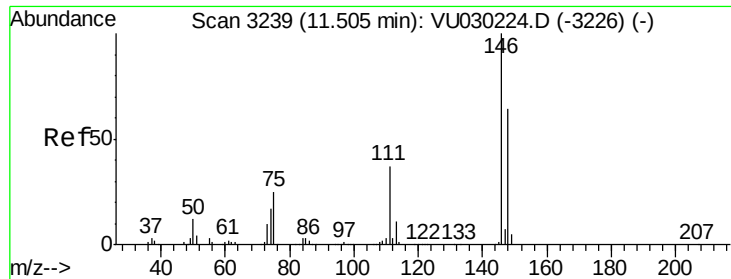
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#51
Chlorobenzene
Concen: 1.458 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU030239.D
Acq: 20 Mar 2019 21:41

Tgt Ion	112	Resp	15190
Ion Ratio	100	Lower	Upper
114	31.4	22.5	41.7
77	62.2	43.4	65.0





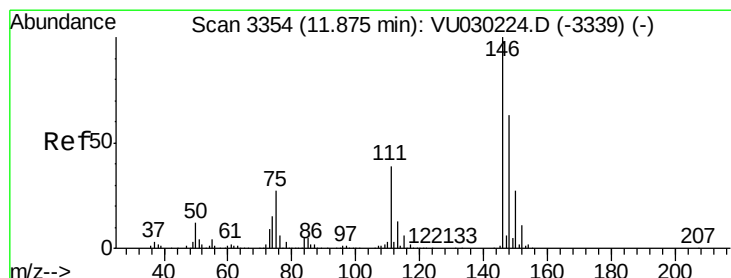
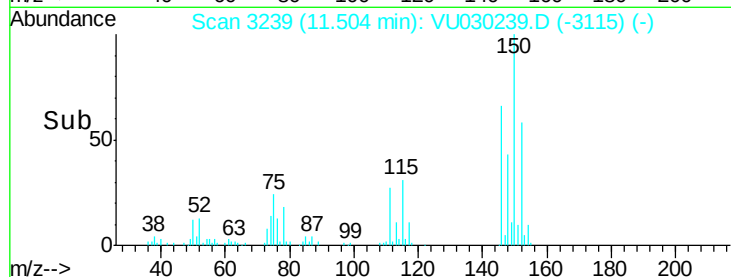
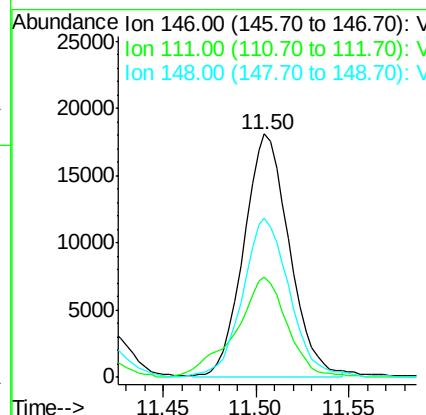
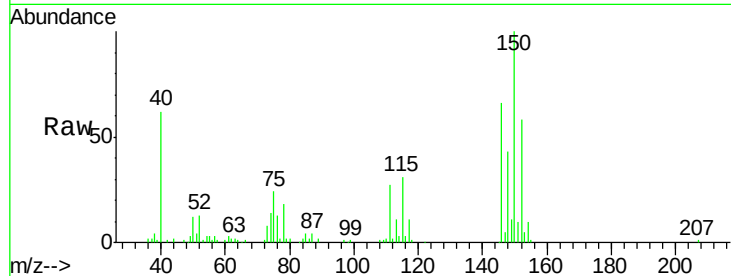
#63
 1,4-Dichlorobenzene
 Concen: 4.024 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU030239.D
 Acq: 20 Mar 2019 21:41

Instrument :
 MSVOA_U
 ClientSampled :
 C0995

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	25.3	46.9
148	65.4	44.7	82.9

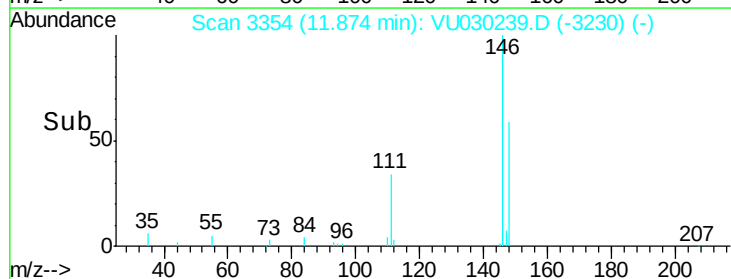
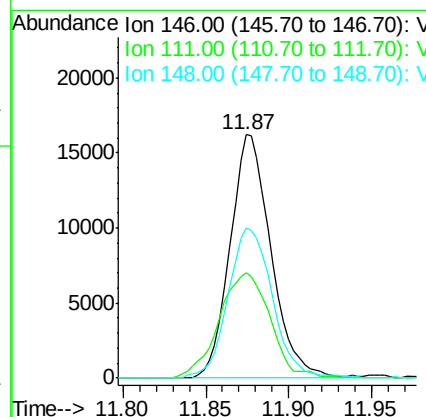
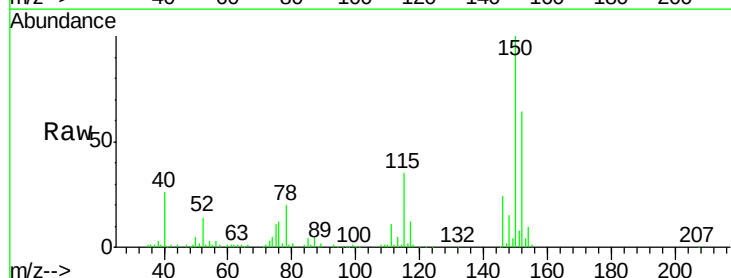
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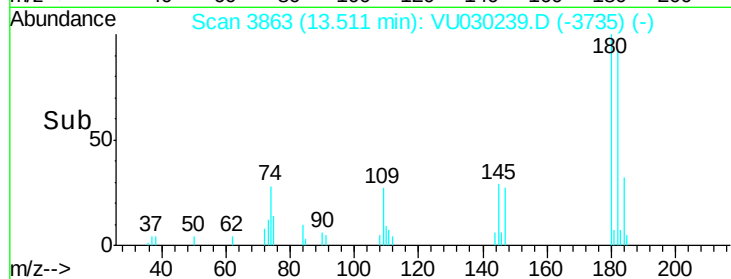
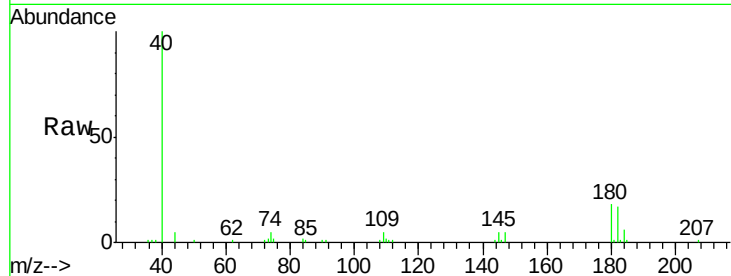
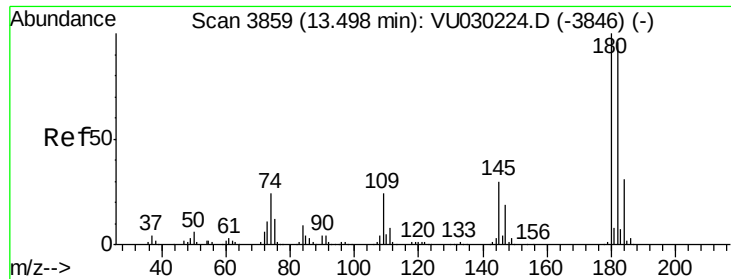
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#65
 1,2-Dichlorobenzene
 Concen: 3.663 ug/L
 RT: 11.87 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VU030239.D
 Acq: 20 Mar 2019 21:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.4	31.7	47.5
148	61.5	52.0	78.0





#68
 1,2,4-trichlorobenzene
 Concen: 1.699 ug/L m
 RT: 13.51 min Scan# 3863
 Delta R.T. 0.01 min
 Lab File: VU030239.D
 Acq: 20 Mar 2019 21:41

Instrument :
 MSVOA_U
 ClientSampleId :
 C0995

Tot Ion	Ratio	Lower	Upper
180	100		
182	78.9	76.4	114.6
145	16.8	22.7	34.1#

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