

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032019\
 Data File : VU030248.D
 Acq On : 21 Mar 2019 01:07
 Operator : JC/SP
 Sample : K2017-09
 Misc : 4.74g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1H5

Manual Integrations
 APPROVED

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 3/22/2019 12:15:04 PM

Quant Time: Mar 22 03:15:08 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	530474	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	534869	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	273052	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	107851	30.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.14%
7) Chloroethane-d5	1.64	69	52927m	18.45	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	36.90%#
11) 1,1-Dichloroethene-d2	2.23	63	152601	23.32	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	46.64%#
21) 2-Butanone-d5	4.20	46	210206	78.99	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.99%
24) Chloroform-d	4.64	84	233482	35.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.94%
26) 1,2-Dichloroethane-d4	5.30	65	145781	38.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.66%
32) Benzene-d6	5.33	84	497740	35.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.62%
36) 1,2-Dichloropropane-d6	6.32	67	161360	37.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	74.00%
41) Toluene-d8	7.56	98	439496	33.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	66.32%#
43) trans-1,3-Dichloropropene-	7.85	79	70957	33.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.82%
47) 2-Hexanone-d5	8.32	63	182234	80.58	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	271831	40.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	204375	37.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.56%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) cis-1,2-Dichloroethene	4.21	96	8593	2.103	ug/L	100
34) Trichloroethene	6.18	95	8334	2.049	ug/L	92
63) 1,4-Dichlorobenzene	11.51	146	23803	2.634	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	32292	3.628	ug/L	94
68) 1,2,4-trichlorobenzene	13.51	180	16657m	2.767	ug/L	

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

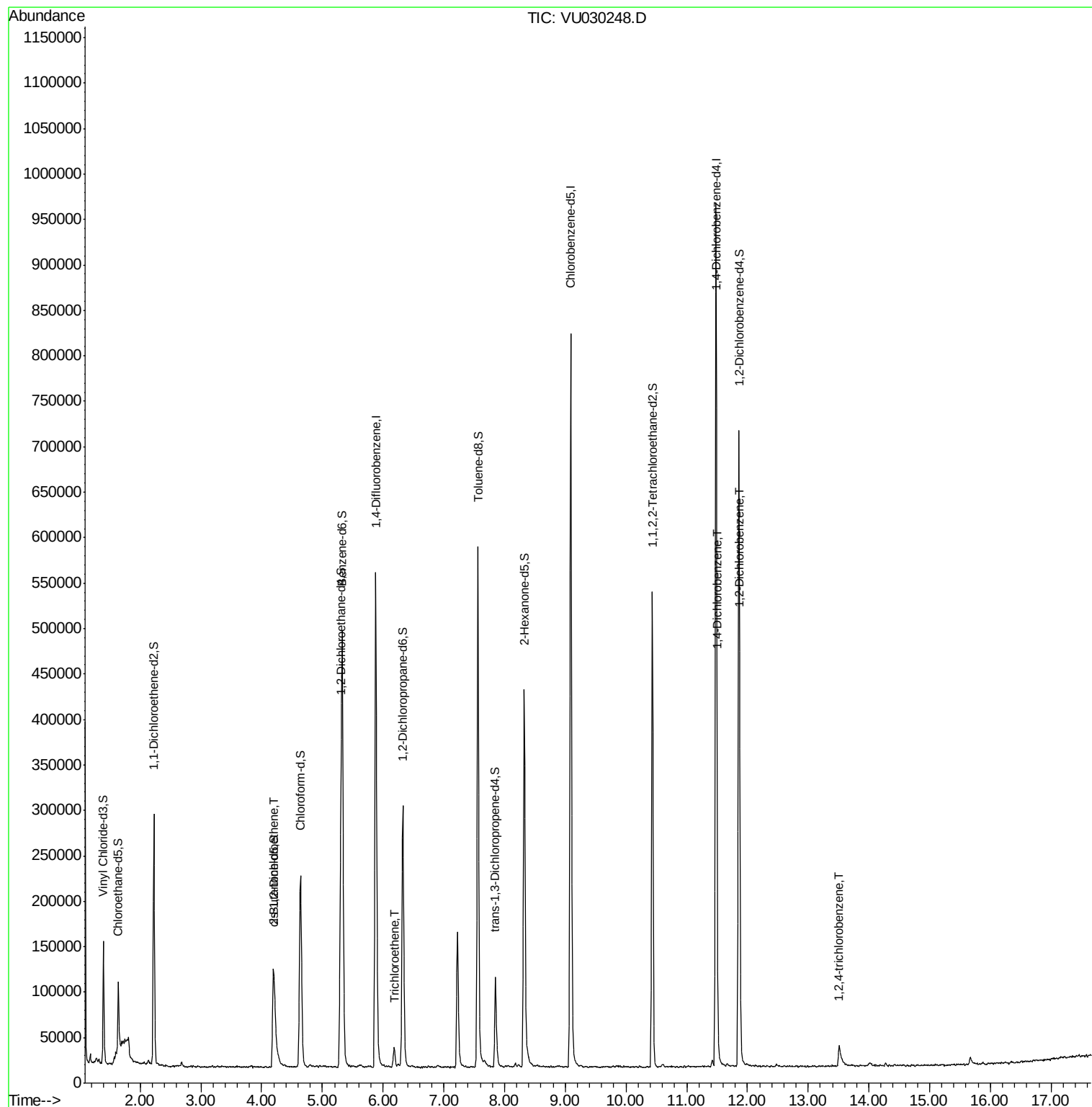
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU032019\
Data File : VU030248.D
Acq On : 21 Mar 2019 01:07
Operator : JC/SP
Sample : K2017-09
Misc : 4.74uL/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 34 Sample Multiplier: 1

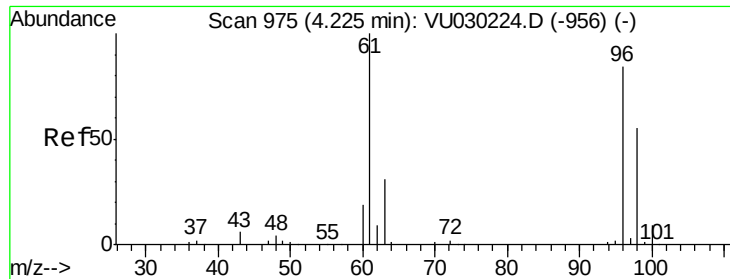
Instrument :
MSVOA_U
ClientSampleId :
BF1H5

Manual Integrations
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Quant Time: Mar 22 03:15:08 2019
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





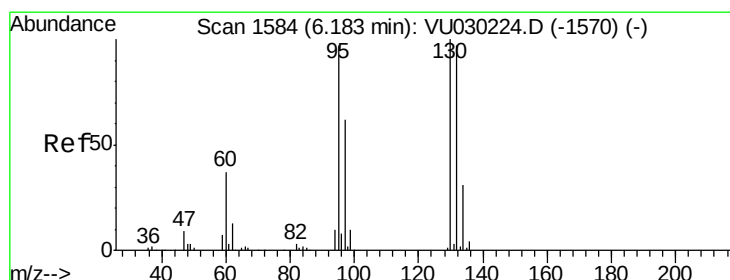
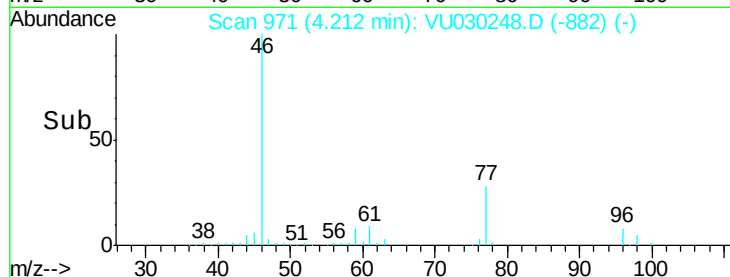
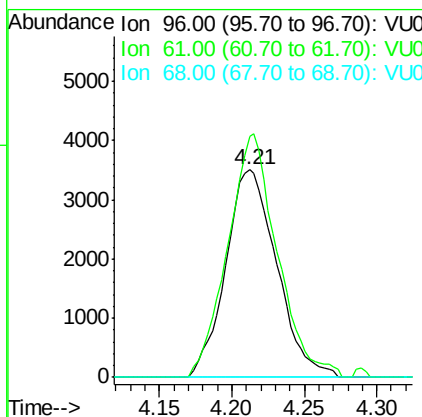
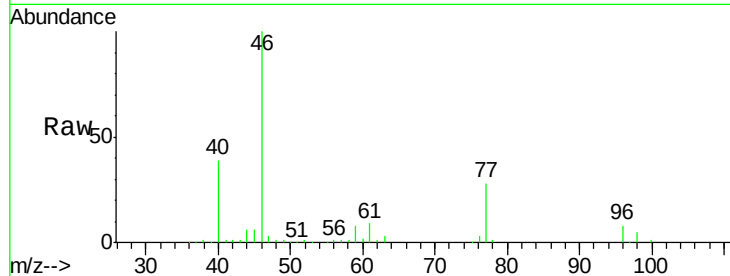
#20
 cis-1,2-Dichloroethene
 Concen: 2.103 ug/L
 RT: 4.21 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: VU030248.D
 Acq: 21 Mar 2019 01:07

Instrument :
 MSVOA_U
 ClientSampled :
 BF1H5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		8593		
61	116.1		81.5	151.3	
68	0.0		0.0	0.0	

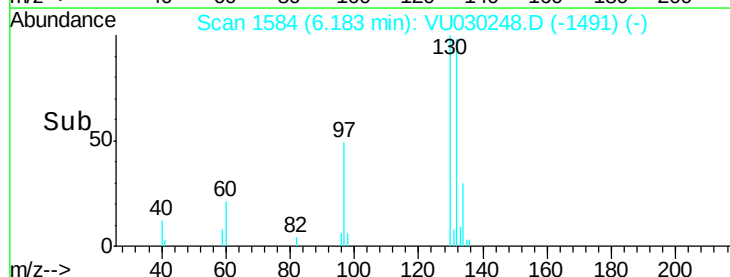
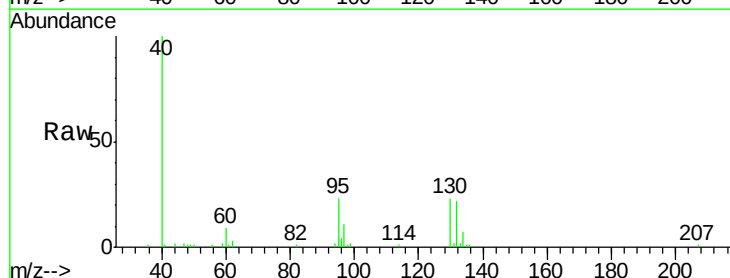
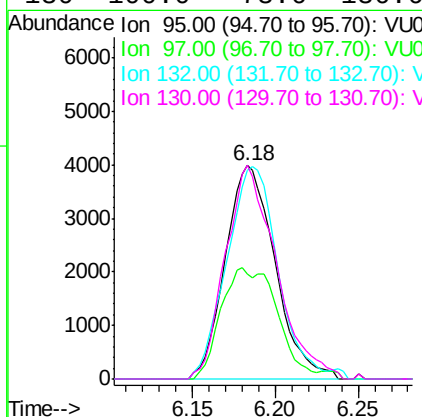
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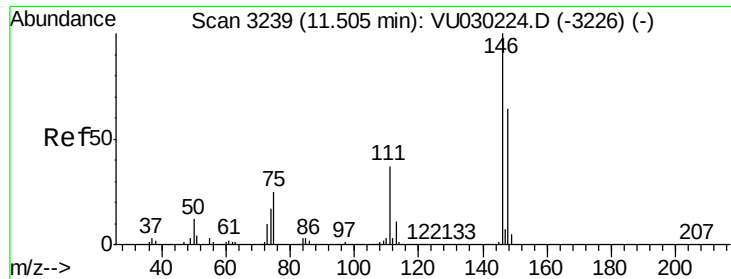
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#34
 Trichloroethene
 Concen: 2.049 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VU030248.D
 Acq: 21 Mar 2019 01:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		8334		
97	48.9		46.2	85.8	
132	97.6		69.3	128.7	
130	100.0		73.6	136.6	





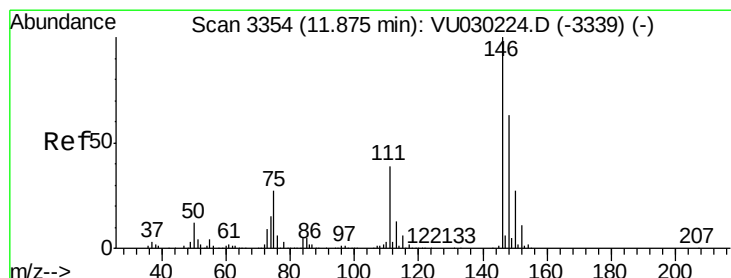
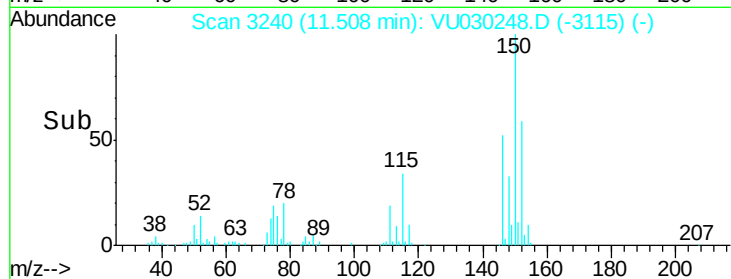
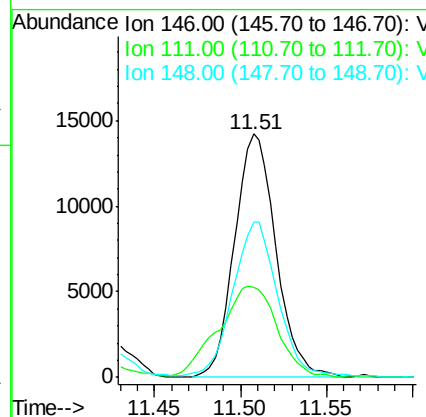
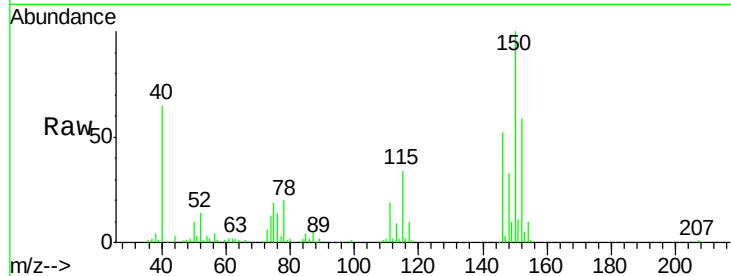
#63
1,4-Dichlorobenzene
Concen: 2.634 ug/L
RT: 11.51 min Scan# 3240
Delta R.T. 0.00 min
Lab File: VU030248.D
Acq: 21 Mar 2019 01:07

Instrument :
MSVOA_U
ClientSampleId :
BF1H5

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	25.3	46.9
148	63.6	44.7	82.9

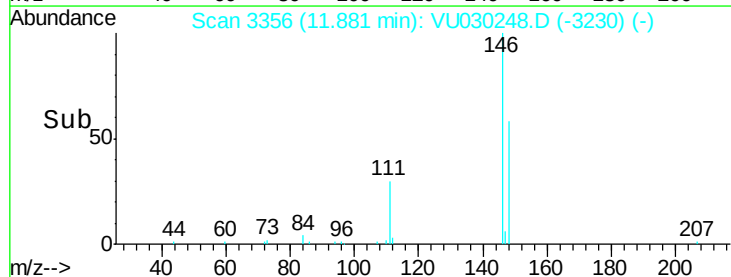
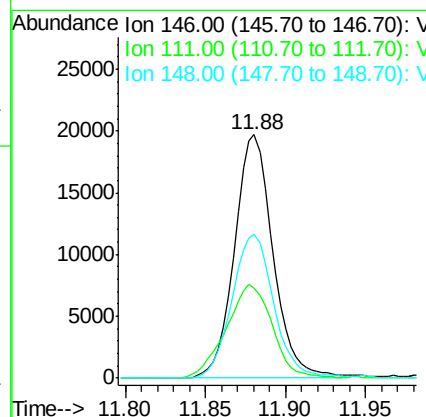
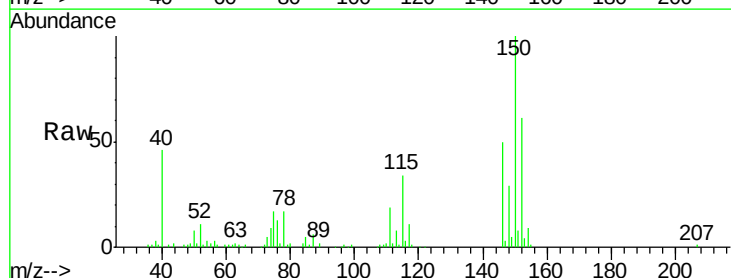
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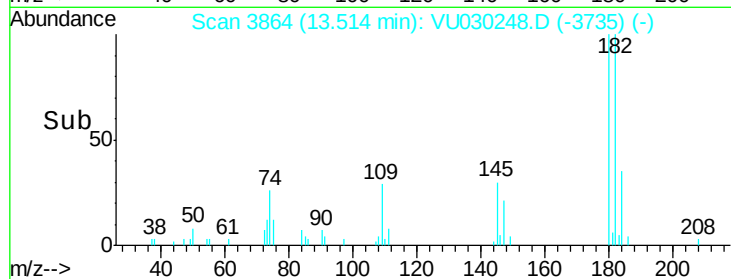
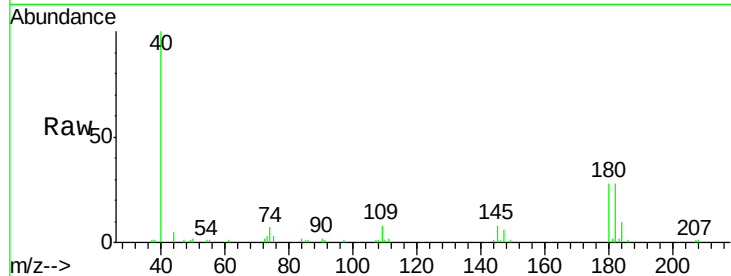
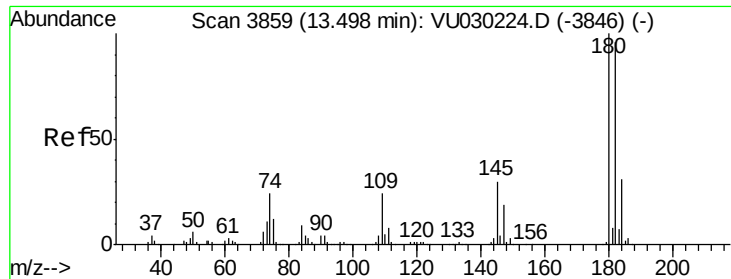
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#65
1,2-Dichlorobenzene
Concen: 3.628 ug/L
RT: 11.88 min Scan# 3356
Delta R.T. 0.01 min
Lab File: VU030248.D
Acq: 21 Mar 2019 01:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	31.7	47.5
148	58.8	52.0	78.0





#68
 1,2,4-trichlorobenzene
 Concen: 2.767 ug/L m
 RT: 13.51 min Scan# 3864
 Delta R.T. 0.02 min
 Lab File: VU030248.D
 Acq: 21 Mar 2019 01:07

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1H5

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.9	76.4	114.6#
145	0.3	22.7	34.1#

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