

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032519\
 Data File : VU030424.D
 Acq On : 25 Mar 2019 23:50
 Operator : JC/SP
 Sample : K2070-07DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C09C6DL

Manual Integrations
 APPROVED

MMDadoda
 3/26/2019 1:37:23 PM

Quant Time: Mar 26 04:33:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 01:25:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	457997	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	441113	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	180019	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	194935	52.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.78%
7) Chloroethane-d5	1.68	69	153754	52.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.26%
11) 1,1-Dichloroethene-d2	2.27	63	263187	37.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.28%
21) 2-Butanone-d5	4.17	46	327647	94.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.56%
24) Chloroform-d	4.64	84	307207	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.74%
26) 1,2-Dichloroethane-d4	5.31	65	205294	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.80%
32) Benzene-d6	5.34	84	636532	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.64%
36) 1,2-Dichloropropane-d6	6.33	67	220663	50.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.96%
41) Toluene-d8	7.56	98	546723	48.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.24%
43) trans-1,3-Dichloropropene-	7.85	79	92054	45.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.46%
47) 2-Hexanone-d5	8.31	63	201516	85.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	285224	46.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	181241	50.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.50%

Target Compounds

					Ovalue
33) Benzene	5.39	78	37804	2.518	ug/L 100
51) Chlorobenzene	9.12	112	372614	39.451	ug/L 97
62) 1,3-Dichlorobenzene	11.41	146	54273	9.219	ug/L 99
63) 1,4-Dichlorobenzene	11.50	146	206663	34.099	ug/L 100
65) 1,2-Dichlorobenzene	11.88	146	48969	8.226	ug/L 96
68) 1,2,4-trichlorobenzene	13.51	180	18113m	4.730	ug/L

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

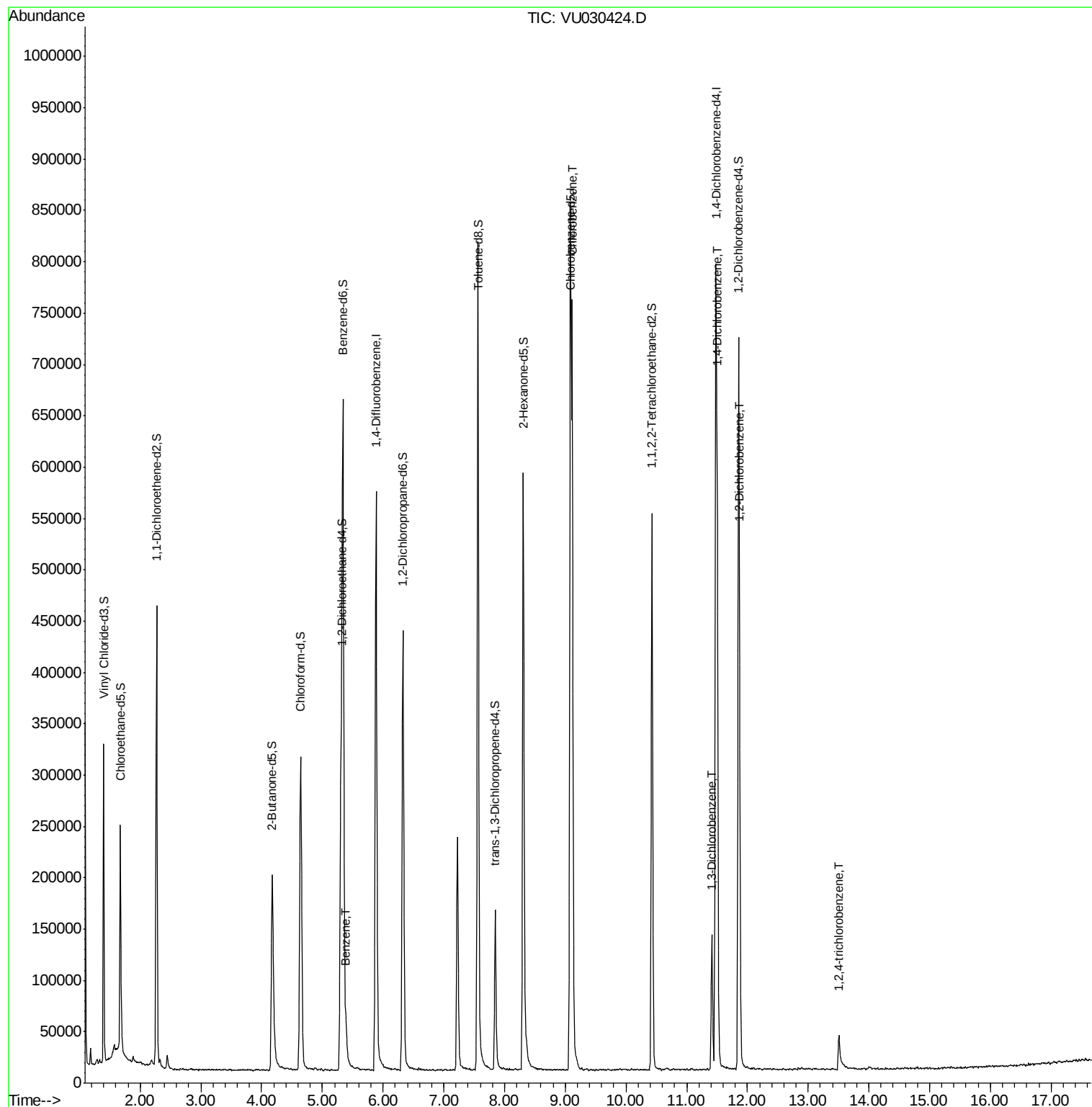
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU032519\
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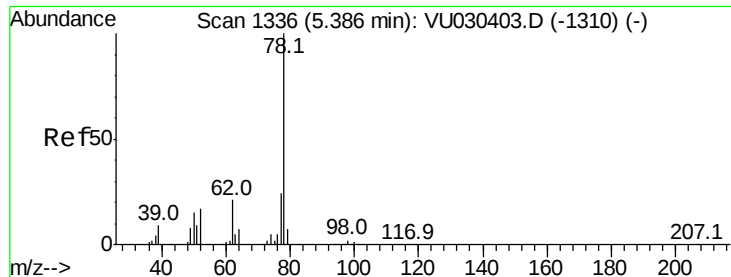
Instrument :
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Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration





#33

Benzene

Concen: 2.518 ug/L

RT: 5.39 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU030424.D

Acq: 25 Mar 2019 23:50

Instrument :

MSVOA_U

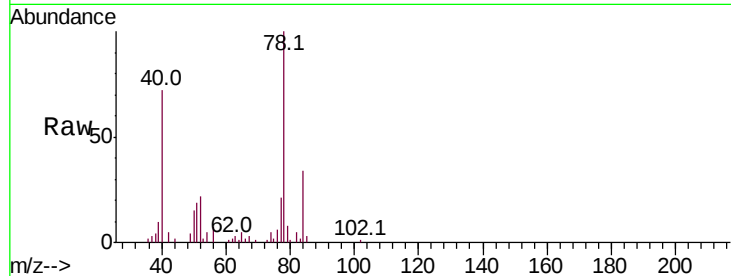
ClientSampleId :

C09C6DL

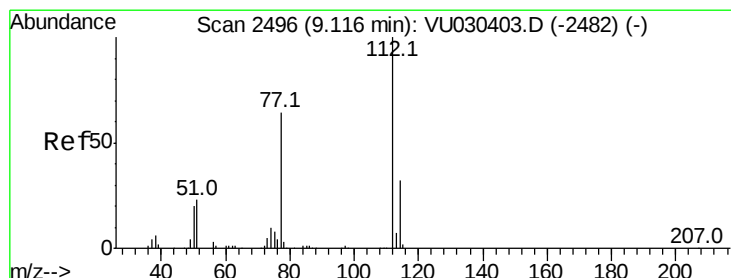
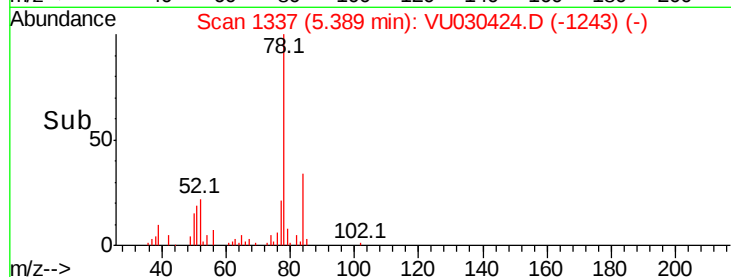
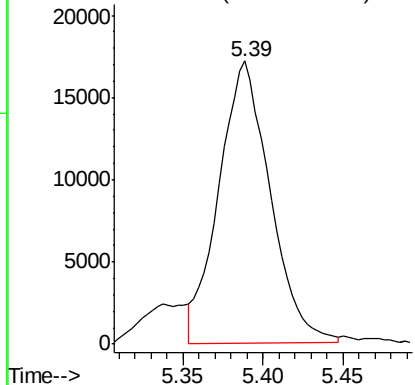
Tgt Ion: 78 Resp: 37804

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Abundance Ion 78.00 (77.70 to 78.70): VU0



#51

Chlorobenzene

Concen: 39.451 ug/L

RT: 9.12 min Scan# 2496

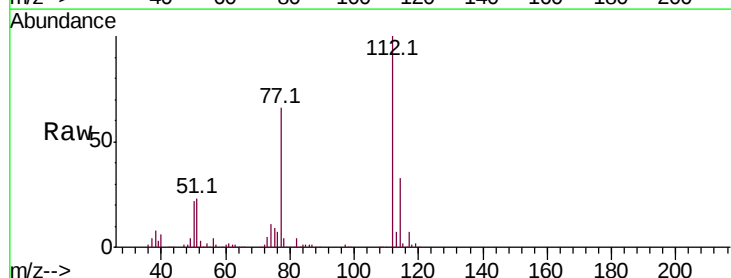
Delta R.T. -0.00 min

Lab File: VU030424.D

Acq: 25 Mar 2019 23:50

Tgt Ion: 112 Resp: 372614

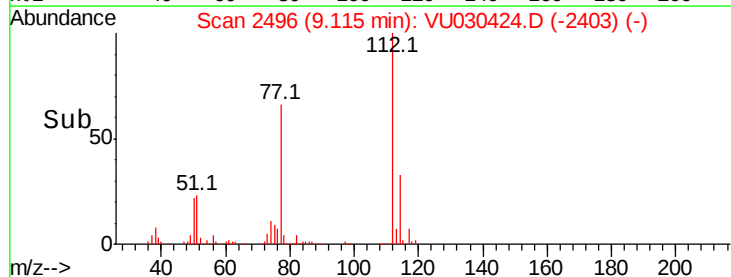
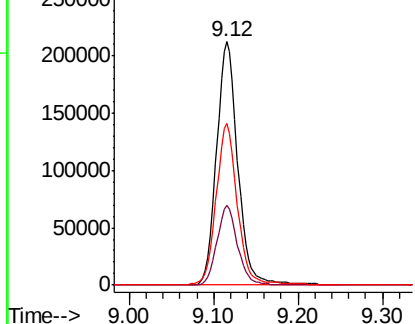
Ion	Ratio	Lower	Upper
112	100		
114	32.8	21.5	39.9
77	66.2	51.4	77.0

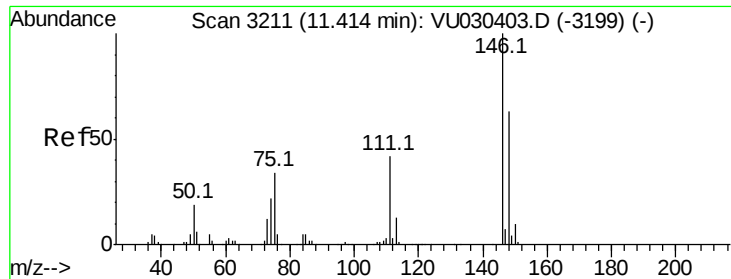


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0





#62

1,3-Dichlorobenzene

Concen: 9.219 ug/L

RT: 11.41 min Scan# 3211

Delta R.T. -0.00 min

Lab File: VU030424.D

Acq: 25 Mar 2019 23:50

Instrument :

MSVOA_U

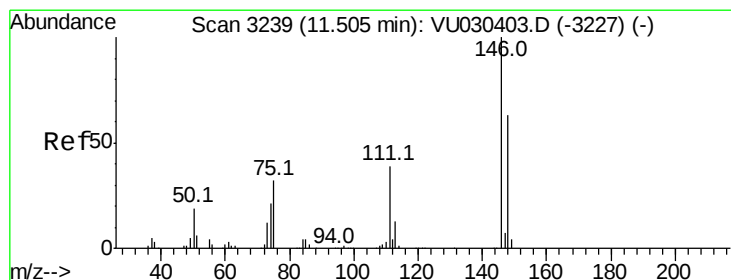
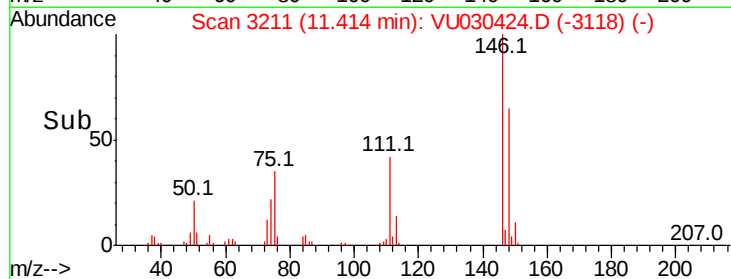
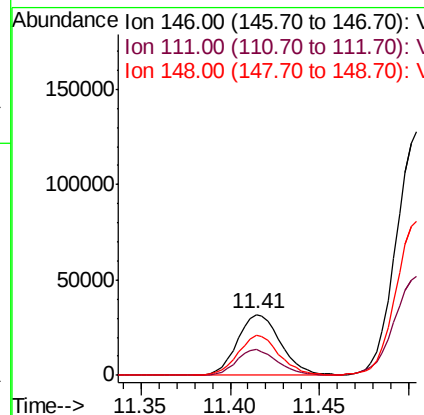
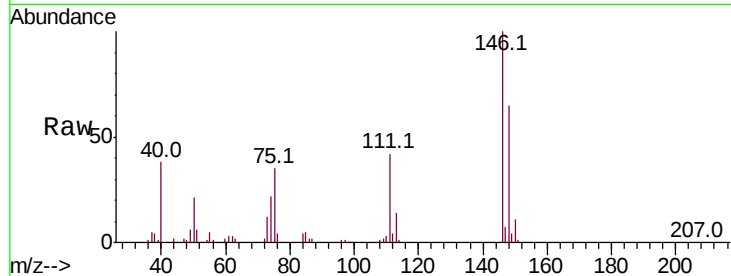
ClientSampleId :

C09C6DL

Tot Ion:	146	Resp:	54273
Ion Ratio	Lower	Upper	
146	100		
111	41.7	29.2	54.2
148	65.2	44.4	82.4

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#63

1,4-Dichlorobenzene

Concen: 34.099 ug/L

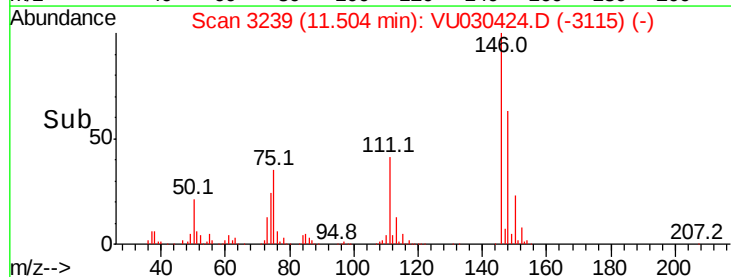
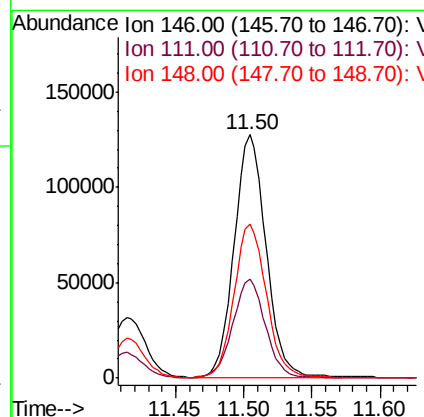
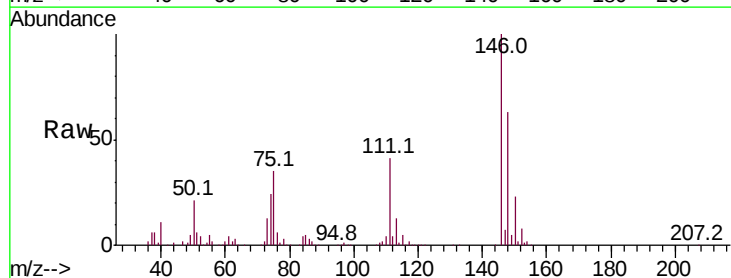
RT: 11.50 min Scan# 3239

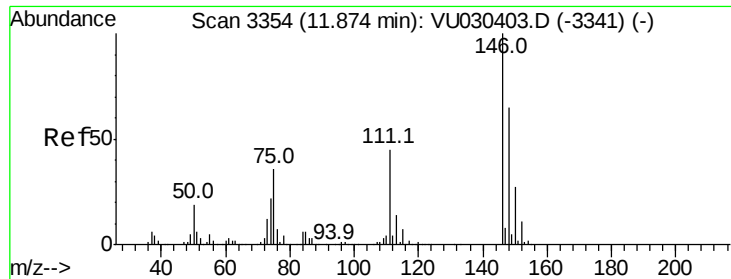
Delta R.T. -0.00 min

Lab File: VU030424.D

Acq: 25 Mar 2019 23:50

Tgt Ion:	146	Resp:	206663
Ion Ratio	Lower	Upper	
146	100		
111	40.5	28.7	53.3
148	63.2	44.3	82.3





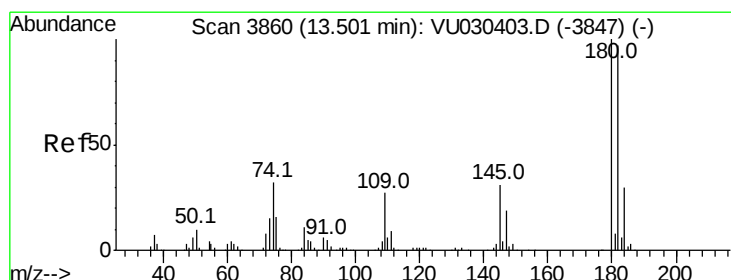
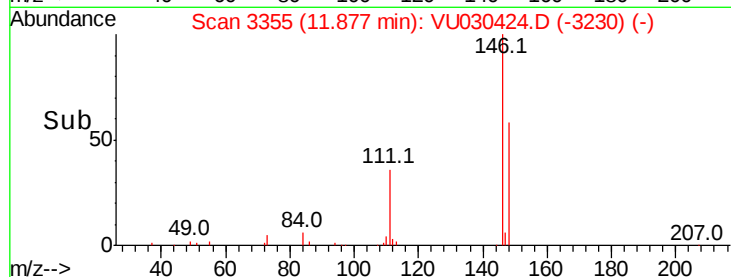
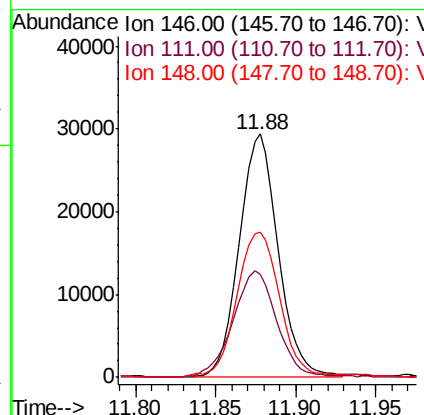
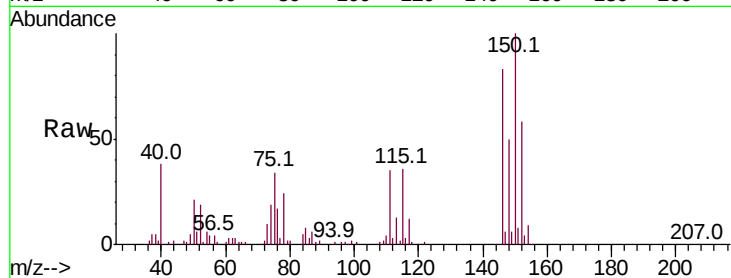
#65
 1,2-Dichlorobenzene
 Concen: 8.226 ug/L
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU030424.D
 Acq: 25 Mar 2019 23:50

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Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	34.9	52.3
148	59.8	51.2	76.8

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#68
 1,2,4-trichlorobenzene
 Concen: 4.730 ug/L m
 RT: 13.51 min Scan# 3862
 Delta R.T. 0.01 min
 Lab File: VU030424.D
 Acq: 25 Mar 2019 23:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	76.9	76.1	114.1
145	28.9	24.5	36.7

