

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
 Data File : VU030074.D
 Acq On : 14 Mar 2019 15:10
 Operator : JC/SP
 Sample : K1859-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BQ5

Manual Integrations
 APPROVED

MMDadoda
 3/15/2019 9:22:30 AM

Quant Time: Mar 15 02:38:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 01:21:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	448345	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	433870	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	217749	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	143330	48.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.66%
7) Chloroethane-d5	1.68	69	117837	49.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.44%
11) 1,1-Dichloroethene-d2	2.27	63	194062	36.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.50%
21) 2-Butanone-d5	4.17	46	201043	90.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.48%
24) Chloroform-d	4.65	84	245592	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
26) 1,2-Dichloroethane-d4	5.31	65	146831	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
32) Benzene-d6	5.34	84	536641	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.10%
36) 1,2-Dichloropropane-d6	6.33	67	167475	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.00%
41) Toluene-d8	7.56	98	487294	46.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.18%
43) trans-1,3-Dichloropropene-	7.85	79	75747	45.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.50%
47) 2-Hexanone-d5	8.31	63	170298	89.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	237328	45.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.36%
64) 1,2-Dichlorobenzene-d4	11.85	152	207636m	49.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.44%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.32	43	29564	11.380	ug/L	100
51) Chlorobenzene	9.12	112	200632	22.046	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	33720	4.795	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	270871	37.882	ug/L	97
65) 1,2-Dichlorobenzene	11.87	146	1433871	202.571	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	297537	59.595	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	201502	38.850	ug/L	97

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

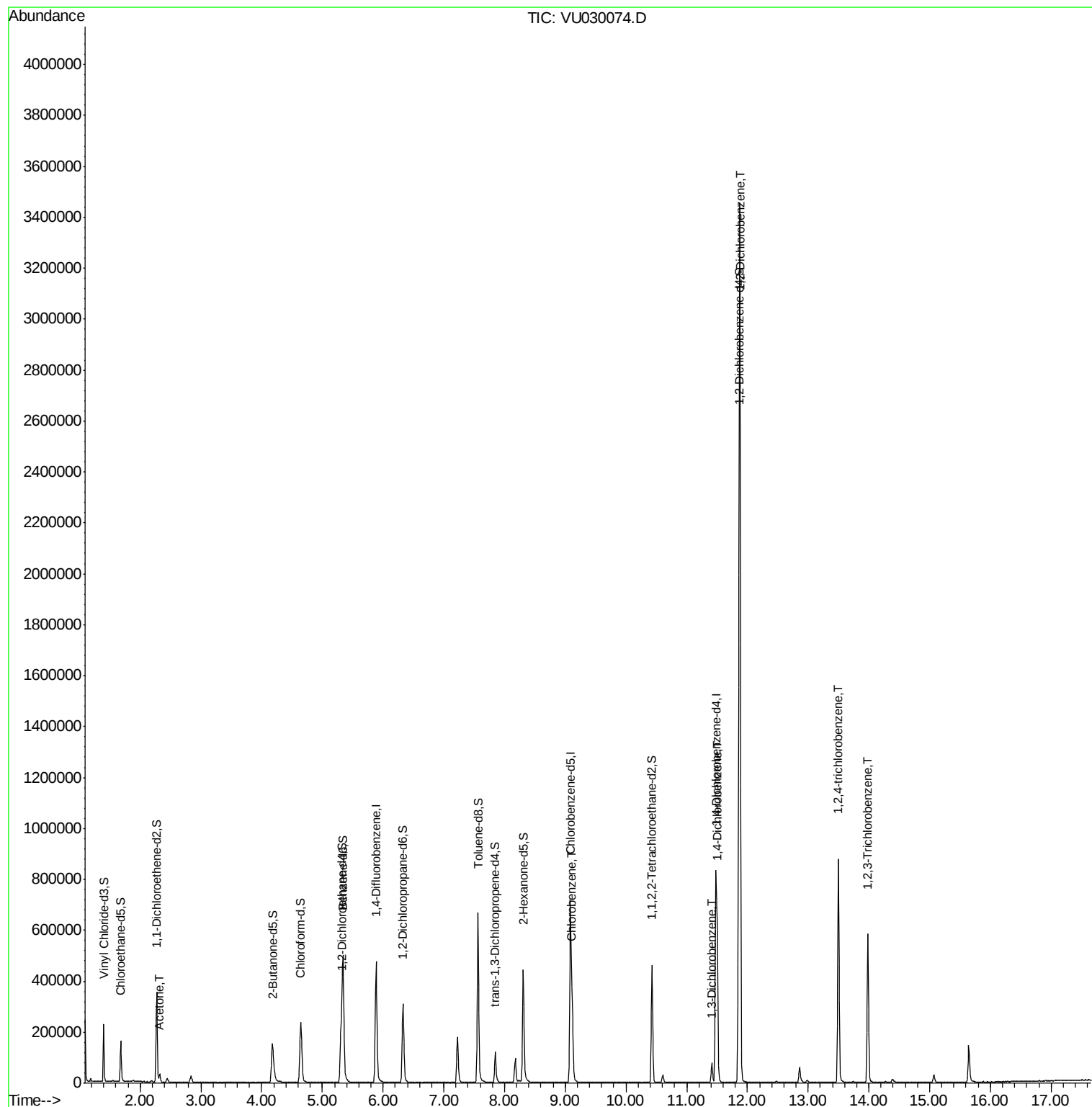
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
Data File : VU030074.D
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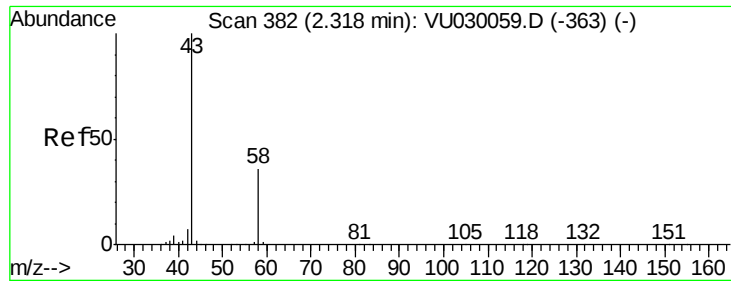
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 01:21:27 2019
Response via : Initial Calibration





#13

Acetone

Concen: 11.380 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030074.D

Acq: 14 Mar 2019 15:10

Instrument :

MSVOA_U

ClientSampleId :

C0BQ5

Tgt Ion: 43 Resp: 29564

Ion Ratio Lower Upper

43 100

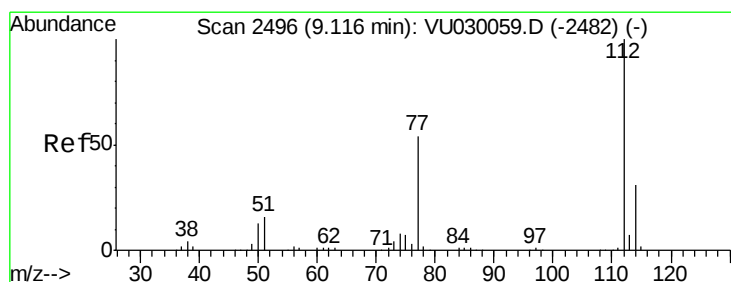
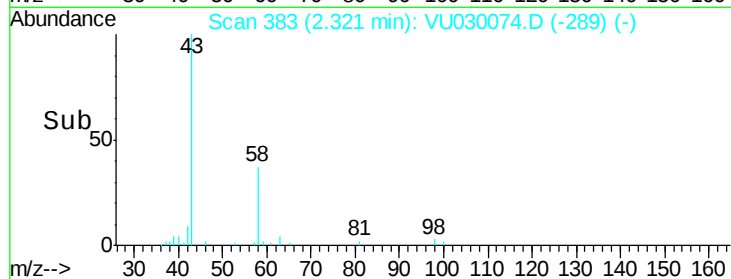
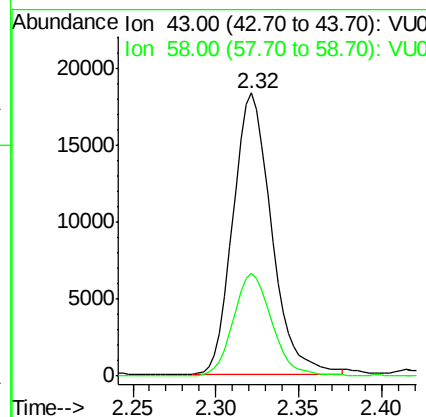
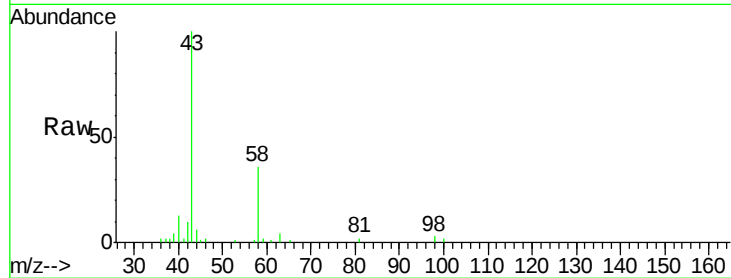
58 36.6 0.0 73.0

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#51

Chlorobenzene

Concen: 22.046 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. -0.00 min

Lab File: VU030074.D

Acq: 14 Mar 2019 15:10

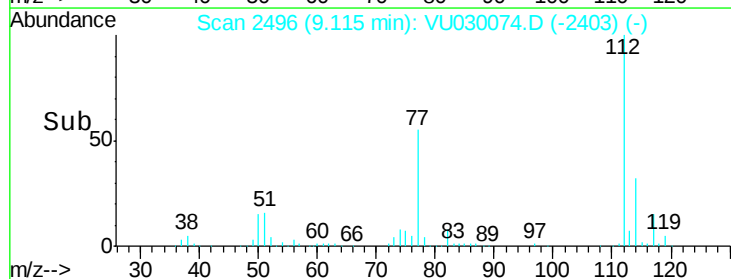
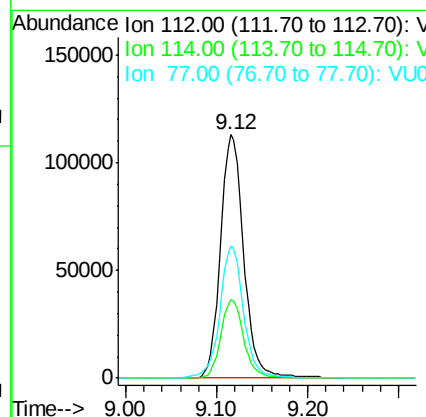
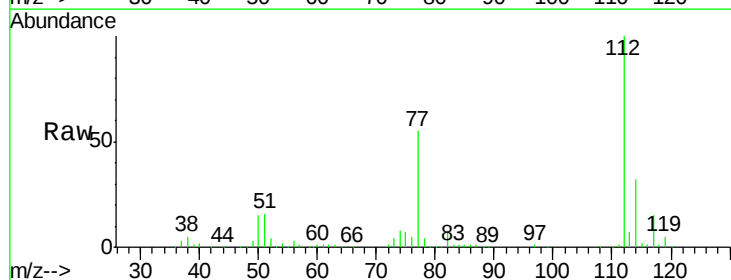
Tgt Ion: 112 Resp: 200632

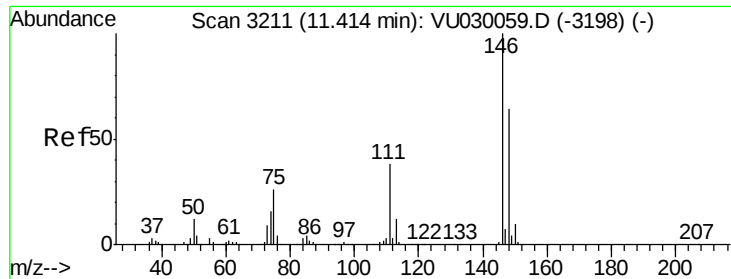
Ion Ratio Lower Upper

112 100

114 32.1 22.5 41.9

77 54.6 44.6 66.8





#62

1,3-Dichlorobenzene

Concen: 4.795 ug/L

RT: 11.41 min Scan# 3211

Delta R.T. -0.00 min

Lab File: VU030074.D

Acq: 14 Mar 2019 15:10

Instrument :

MSVOA_U

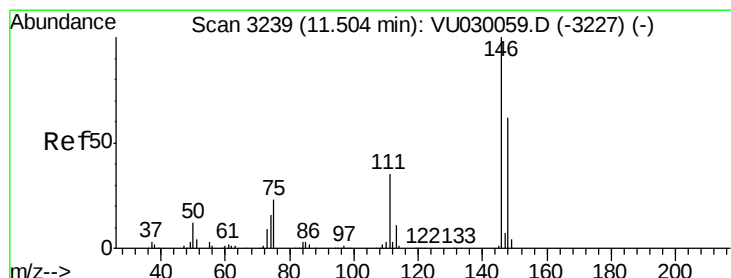
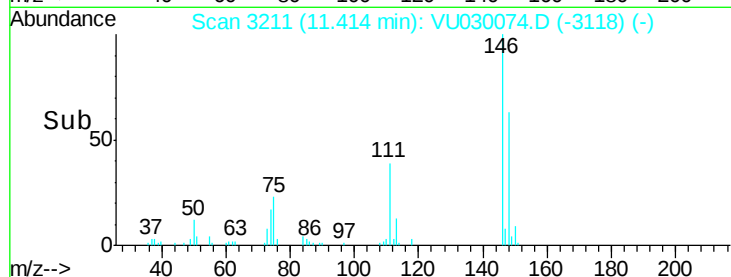
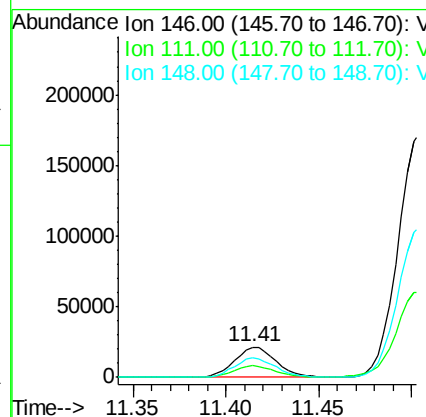
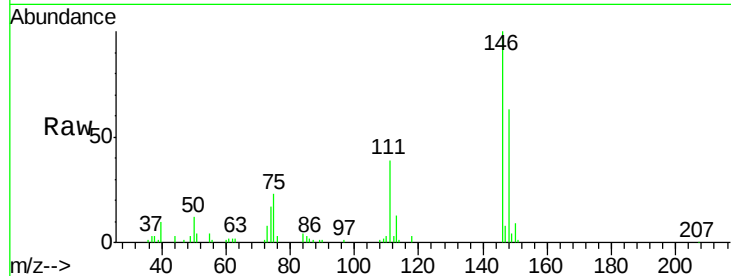
ClientSampleId :

C0BQ5

Tgt Ion:	146	Resp:	33720
Ion Ratio	Lower	Upper	
146	100		
111	39.3	26.7	49.5
148	63.1	44.9	83.5

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#63

1,4-Dichlorobenzene

Concen: 37.882 ug/L

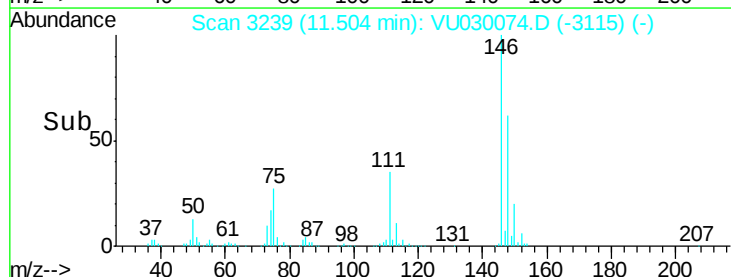
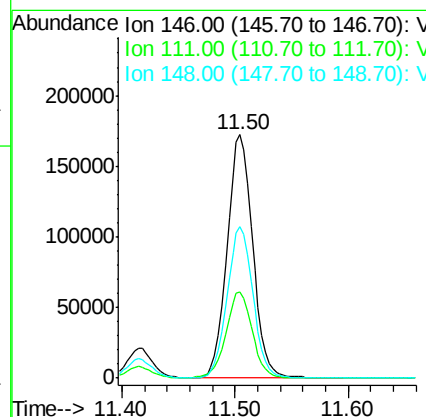
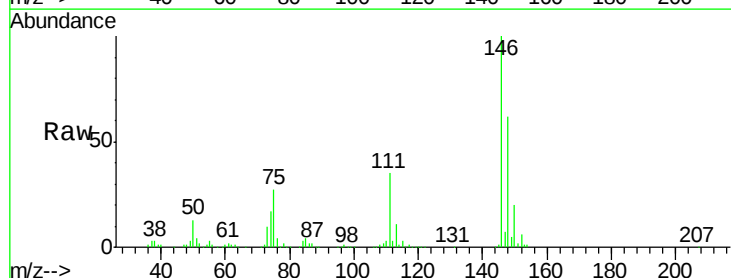
RT: 11.50 min Scan# 3239

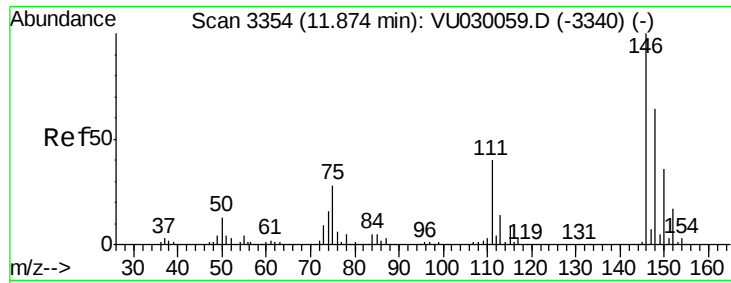
Delta R.T. -0.00 min

Lab File: VU030074.D

Acq: 14 Mar 2019 15:10

Tgt Ion:	146	Resp:	270871
Ion Ratio	Lower	Upper	
146	100		
111	35.3	25.5	47.3
148	62.0	45.0	83.6





#65

1,2-Dichlorobenzene

Concen: 202.571 ug/L

RT: 11.87 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VU030074.D

Acq: 14 Mar 2019 15:10

Instrument :

MSVOA_U

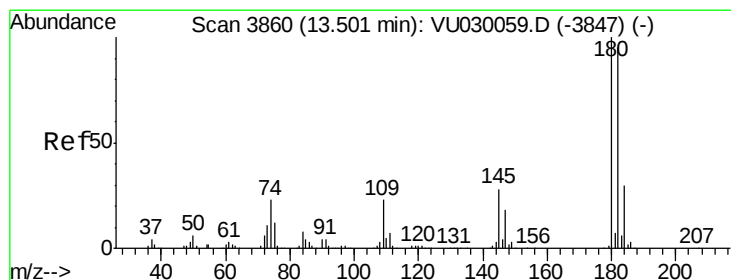
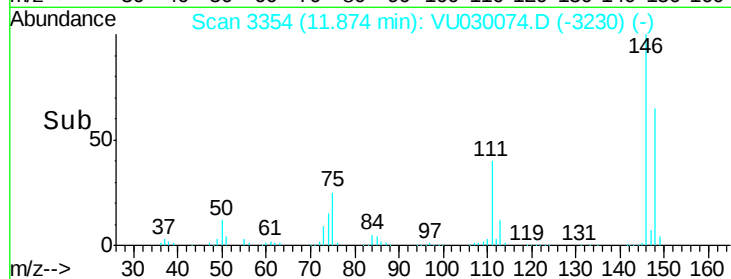
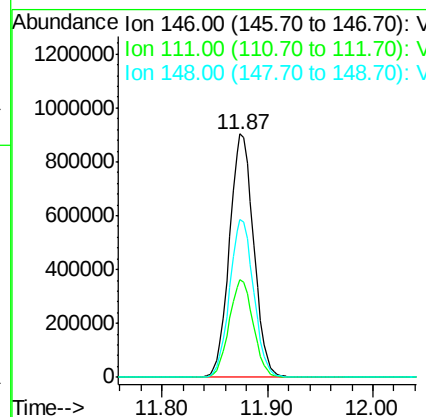
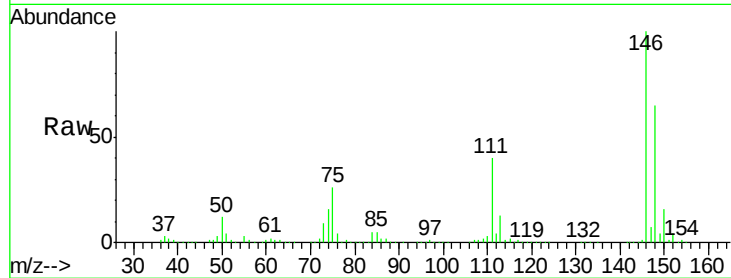
ClientSampleId :

C0BQ5

Tgt Ion:	146	Resp:	1433871
Ion Ratio	Lower	Upper	
146	100		
111	39.9	30.9	46.3
148	65.1	51.2	76.8

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#68

1,2,4-trichlorobenzene

Concen: 59.595 ug/L

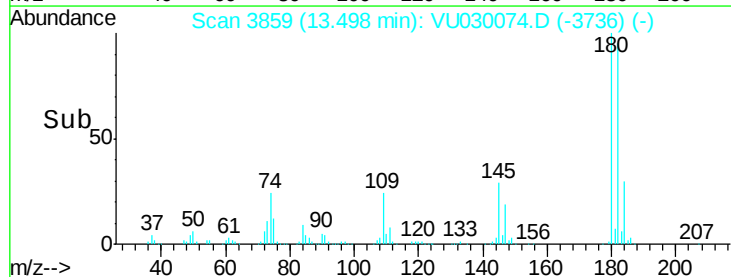
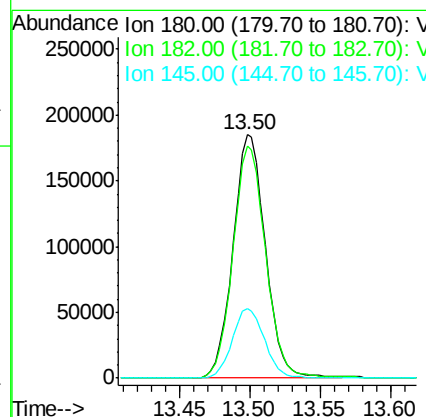
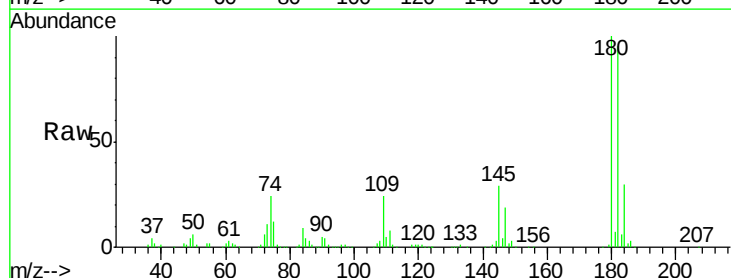
RT: 13.50 min Scan# 3859

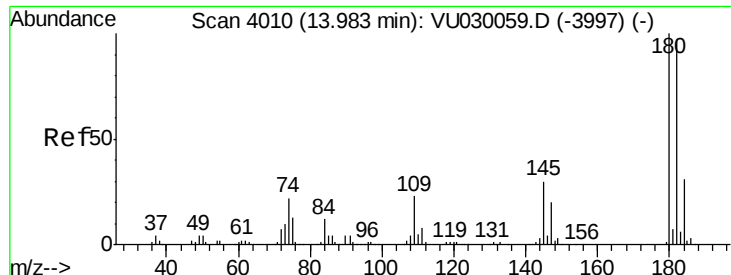
Delta R.T. -0.00 min

Lab File: VU030074.D

Acq: 14 Mar 2019 15:10

Tgt Ion:	180	Resp:	297537
Ion Ratio	Lower	Upper	
180	100		
182	96.1	76.1	114.1
145	28.8	23.0	34.4





#70
 1,2,3-Trichlorobenzene
 Concen: 38.850 ug/L
 RT: 13.98 min Scan# 4010
 Delta R.T. -0.00 min
 Lab File: VU030074.D
 Acq: 14 Mar 2019 15:10

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BQ5

Tgt Ion:	180	Resp:	201502
Ion Ratio	Lower	Upper	
180	100		
182	97.9	75.9	113.9
145	30.5	24.0	36.0

Manual Integrations
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MMDadoda
 3/15/2019 9:22:30 AM

