

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051019\
 Data File : VU031900.D
 Acq On : 10 May 2019 19:56
 Operator : JC/SP
 Sample : K2742-05DL 500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C31DL

Manual Integrations
 APPROVED

MMDadoda
 5/11/2019 11:49:18 AM

Quant Time: May 11 03:58:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 11 02:45:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	993152	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1023041	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	392216	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	355778	42.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.60%
7) Chloroethane-d5	1.67	69	314541	48.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.94%
11) 1,1-Dichloroethene-d2	2.26	63	507369	30.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.30%
21) 2-Butanone-d5	4.17	46	643917	85.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.50%
24) Chloroform-d	4.64	84	658584m	43.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.52%
26) 1,2-Dichloroethane-d4	5.31	65	445360	44.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.56%
32) Benzene-d6	5.33	84	1375344	43.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.56%
36) 1,2-Dichloropropane-d6	6.32	67	470207	42.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.08%
41) Toluene-d8	7.56	98	1172203	42.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.68%
43) trans-1,3-Dichloropropene-	7.85	79	185516	39.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.20%
47) 2-Hexanone-d5	8.31	63	426481	89.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.15%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	662237	44.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	405778	49.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.38%

Target Compounds

					Ovalue
33) Benzene	5.39	78	273975	7.284	ug/L 100
51) Chlorobenzene	9.12	112	1110552	50.158	ug/L 97
62) 1,3-Dichlorobenzene	11.42	146	35429	2.729	ug/L 99
63) 1,4-Dichlorobenzene	11.50	146	314469	23.388	ug/L 99
65) 1,2-Dichlorobenzene	11.87	146	451452	32.718	ug/L 98
68) 1,2,4-trichlorobenzene	13.51	180	30070m	3.906	ug/L
70) 1,2,3-Trichlorobenzene	14.00	180	10828m	1.235	ug/L

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

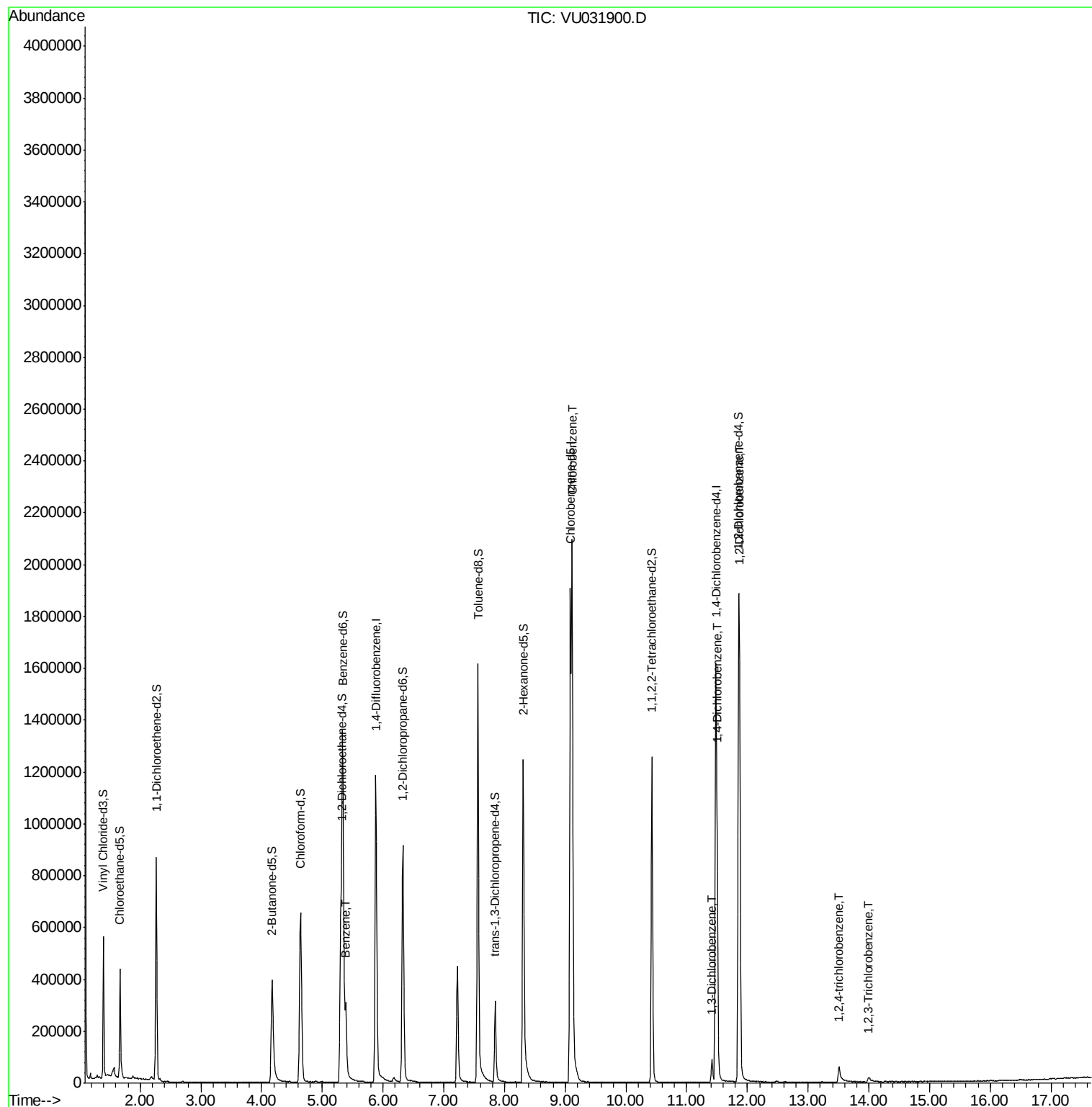
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU051019\
Data File : VU031900.D
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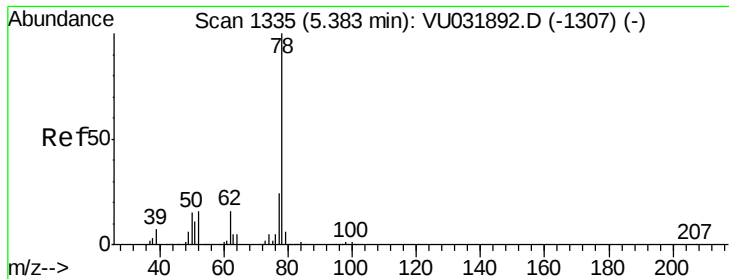
Instrument :
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Quant Title : VOC Analysis
QLast Update : Sat May 11 02:45:36 2019
Response via : Initial Calibration





#33

Benzene

Concen: 7.284 ug/L

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU031900.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_U

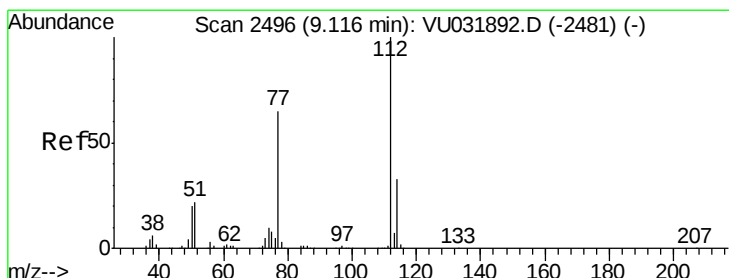
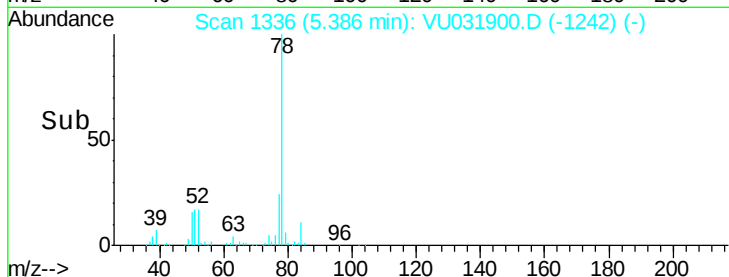
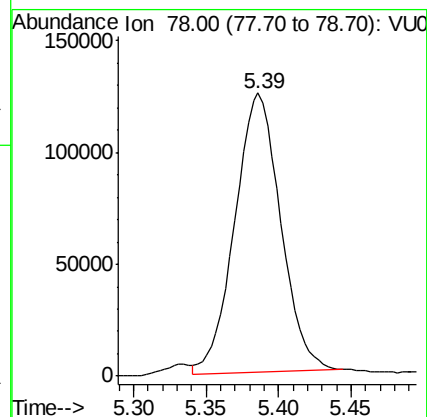
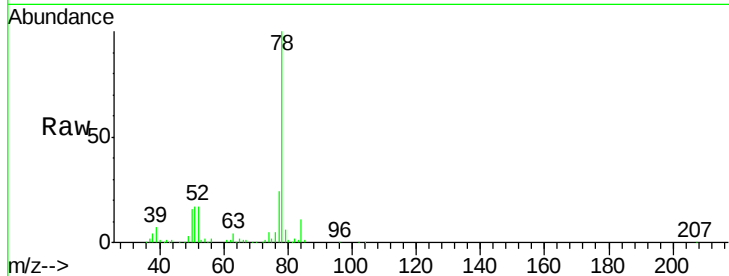
ClientSampled :

C0C31DL

Tgt Ion: 78 Resp: 273975

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#51

Chlorobenzene

Concen: 50.158 ug/L

RT: 9.12 min Scan# 2496

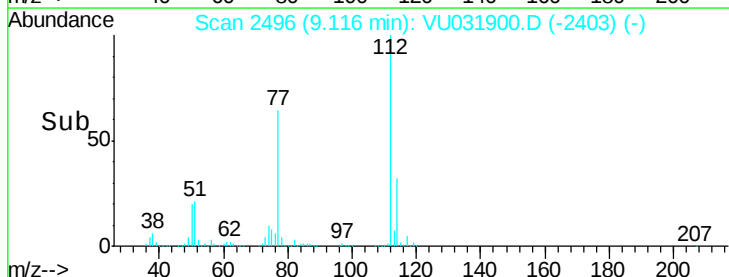
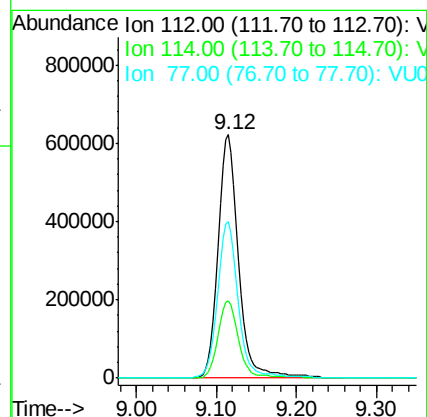
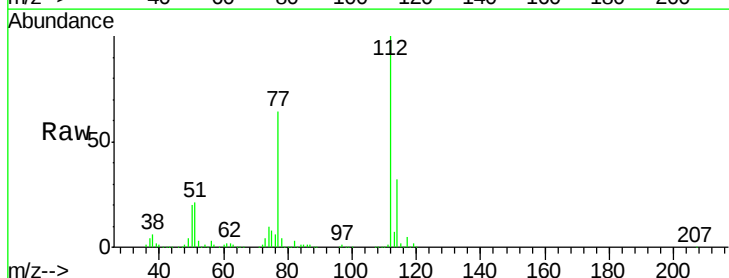
Delta R.T. 0.00 min

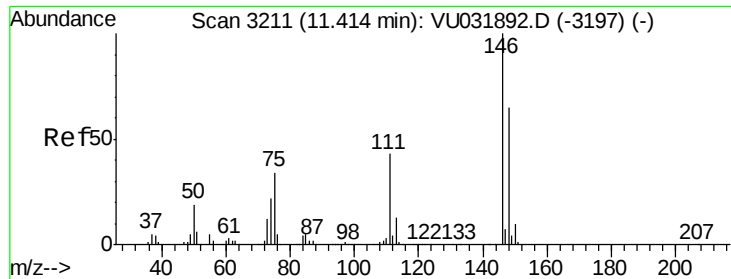
Lab File: VU031900.D

Acq: 10 May 2019 19:56

Tgt Ion: 112 Resp: 1110552

Ion	Ratio	Lower	Upper
112	100		
114	31.6	23.3	43.3
77	64.2	53.0	79.4





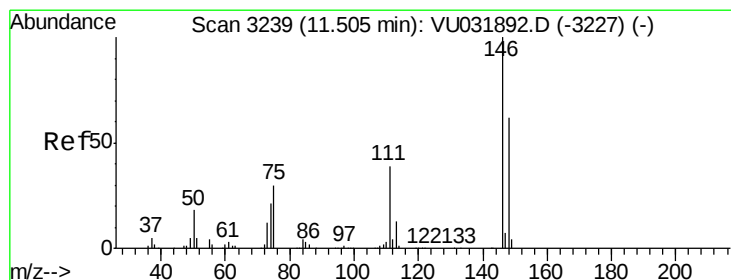
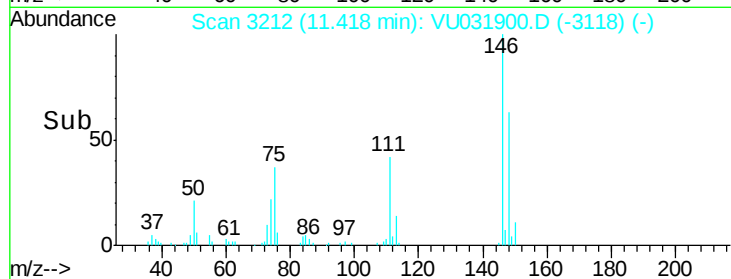
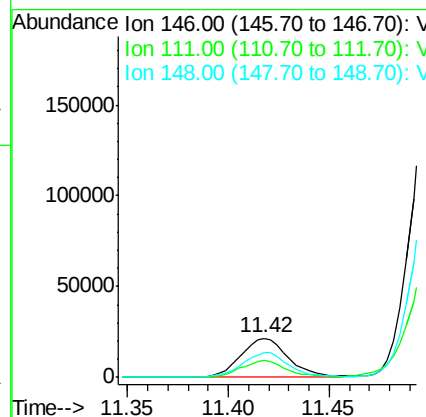
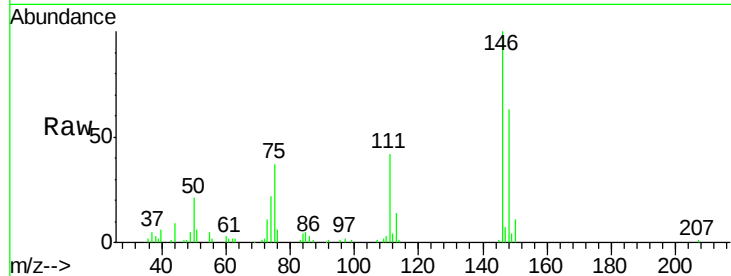
#62
 1,3-Dichlorobenzene
 Concen: 2.729 ug/L
 RT: 11.42 min Scan# 3212
 Delta R.T. 0.00 min
 Lab File: VU031900.D
 Acq: 10 May 2019 19:56

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C31DL

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	29.8	55.4
148	63.2	45.1	83.9

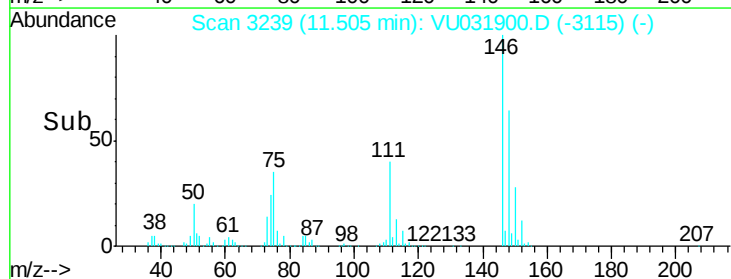
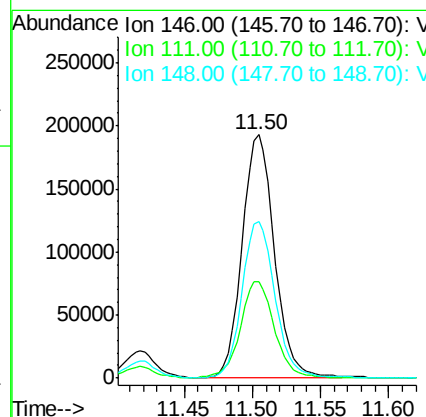
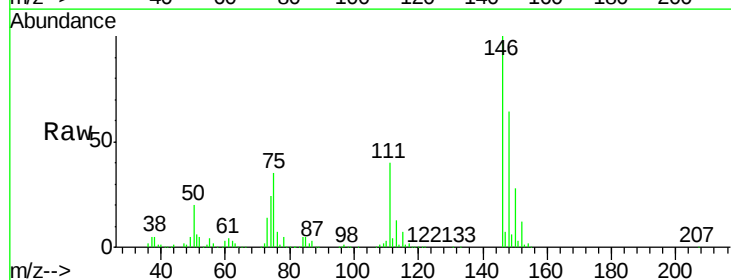
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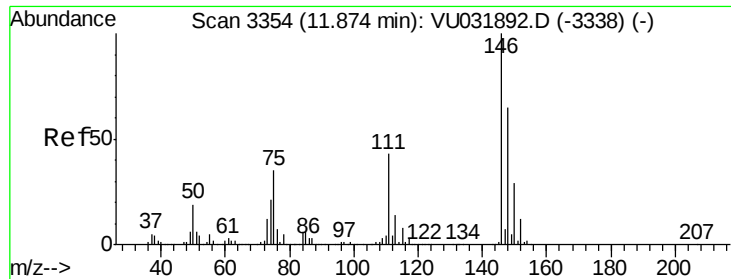
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#63
 1,4-Dichlorobenzene
 Concen: 23.388 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU031900.D
 Acq: 10 May 2019 19:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	28.2	52.4
148	64.4	45.4	84.4





#65

1,2-Dichlorobenzene

Concen: 32.718 ug/L

RT: 11.87 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VU031900.D

Acq: 10 May 2019 19:56

Instrument :

MSVOA_U

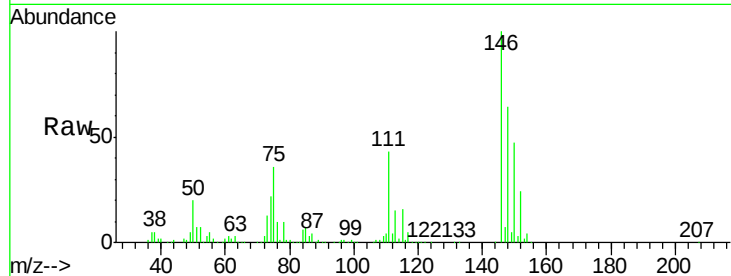
ClientSampled :

C0C31DL

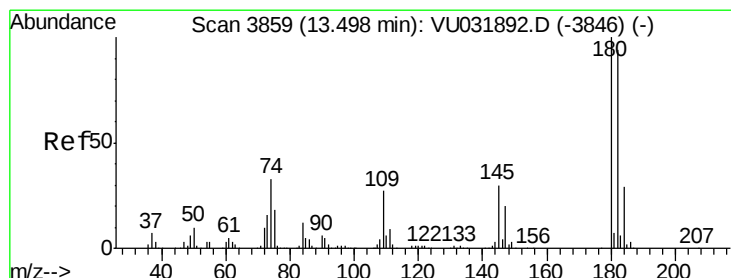
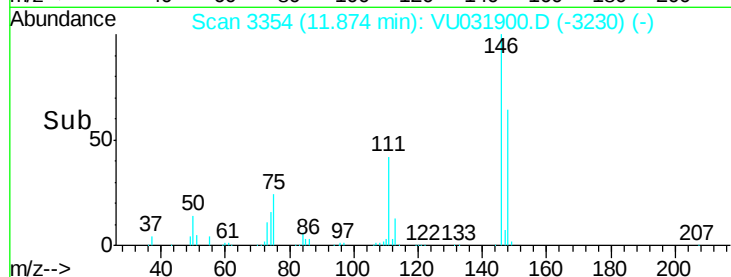
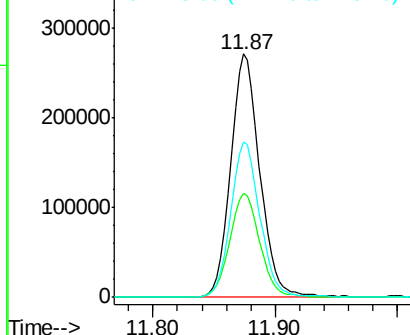
Tot Ion:	146	Resp:	451452
Ion Ratio	Lower	Upper	
146	100		
111	42.9	35.9	53.9
148	63.9	50.5	75.7

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Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#68

1,2,4-trichlorobenzene

Concen: 3.906 ug/L m

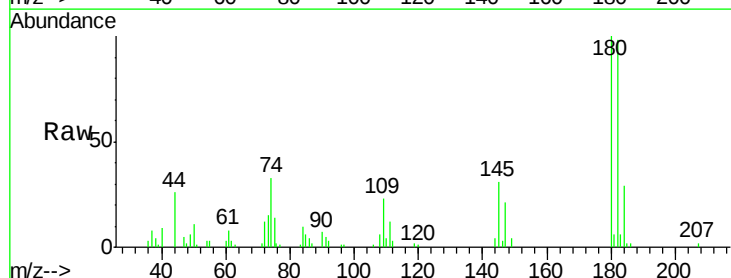
RT: 13.51 min Scan# 3863

Delta R.T. 0.01 min

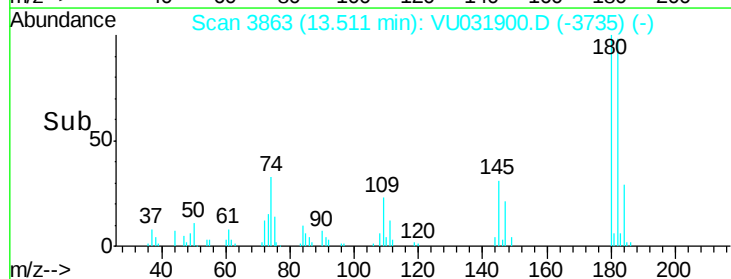
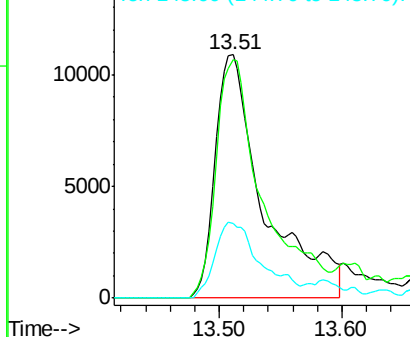
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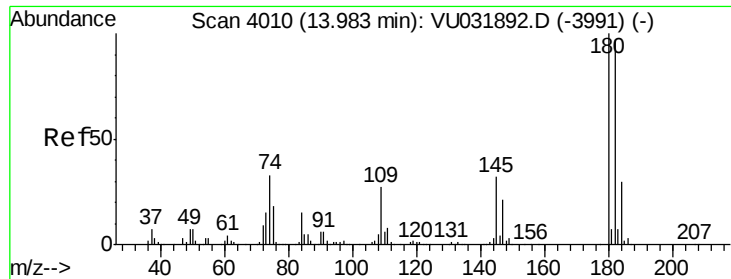
Acq: 10 May 2019 19:56

Tgt Ion:	180	Resp:	30070
Ion Ratio	Lower	Upper	
180	100		
182	83.6	75.8	113.8
145	26.8	24.5	36.7



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 1.235 ug/L m
 RT: 14.00 min Scan# 4015
 Delta R.T. 0.02 min
 Lab File: VU031900.D
 Acq: 10 May 2019 19:56

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C31DL

Tot Ion	Ratio	Lower	Upper
180	100		
182	52.9	76.1	114.1#
145	11.8	26.0	39.0#

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 5/11/2019 11:49:18 AM

