

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040619\
 Data File : VU030778.D
 Acq On : 06 Apr 2019 06:01
 Operator : JC/SP
 Sample : K2269-01DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BR2DL

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 2:49:30 PM

Quant Time: Apr 08 01:43:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 08 01:03:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	444408	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	432196	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	178433	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	203041	51.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.36%
7) Chloroethane-d5	1.68	69	158533	52.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.30%
11) 1,1-Dichloroethene-d2	2.27	63	271079m	37.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.56%
21) 2-Butanone-d5	4.17	46	335330	106.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.65%
24) Chloroform-d	4.64	84	287721m	47.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.96%
26) 1,2-Dichloroethane-d4	5.30	65	214830	51.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.90%
32) Benzene-d6	5.34	84	636249	50.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.86%
36) 1,2-Dichloropropane-d6	6.32	67	220521	51.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.00%
41) Toluene-d8	7.56	98	526348	47.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.12%
43) trans-1,3-Dichloropropene-	7.85	79	90912	46.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.22%
47) 2-Hexanone-d5	8.31	63	201674	102.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.05%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	292597	50.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.34%
64) 1,2-Dichlorobenzene-d4	11.85	152	178633	50.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

					Ovalue
13) Acetone	2.32	43	13545	4.210	ug/L 99
51) Chlorobenzene	9.12	112	53565	6.049	ug/L 96
62) 1,3-Dichlorobenzene	11.42	146	6138	1.088	ug/L 87
63) 1,4-Dichlorobenzene	11.50	146	58149	10.137	ug/L 98
65) 1,2-Dichlorobenzene	11.87	146	286003	50.559	ug/L 99
68) 1,2,4-trichlorobenzene	13.50	180	39577	11.294	ug/L 93
70) 1,2,3-Trichlorobenzene	13.99	180	27581	7.533	ug/L 90

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

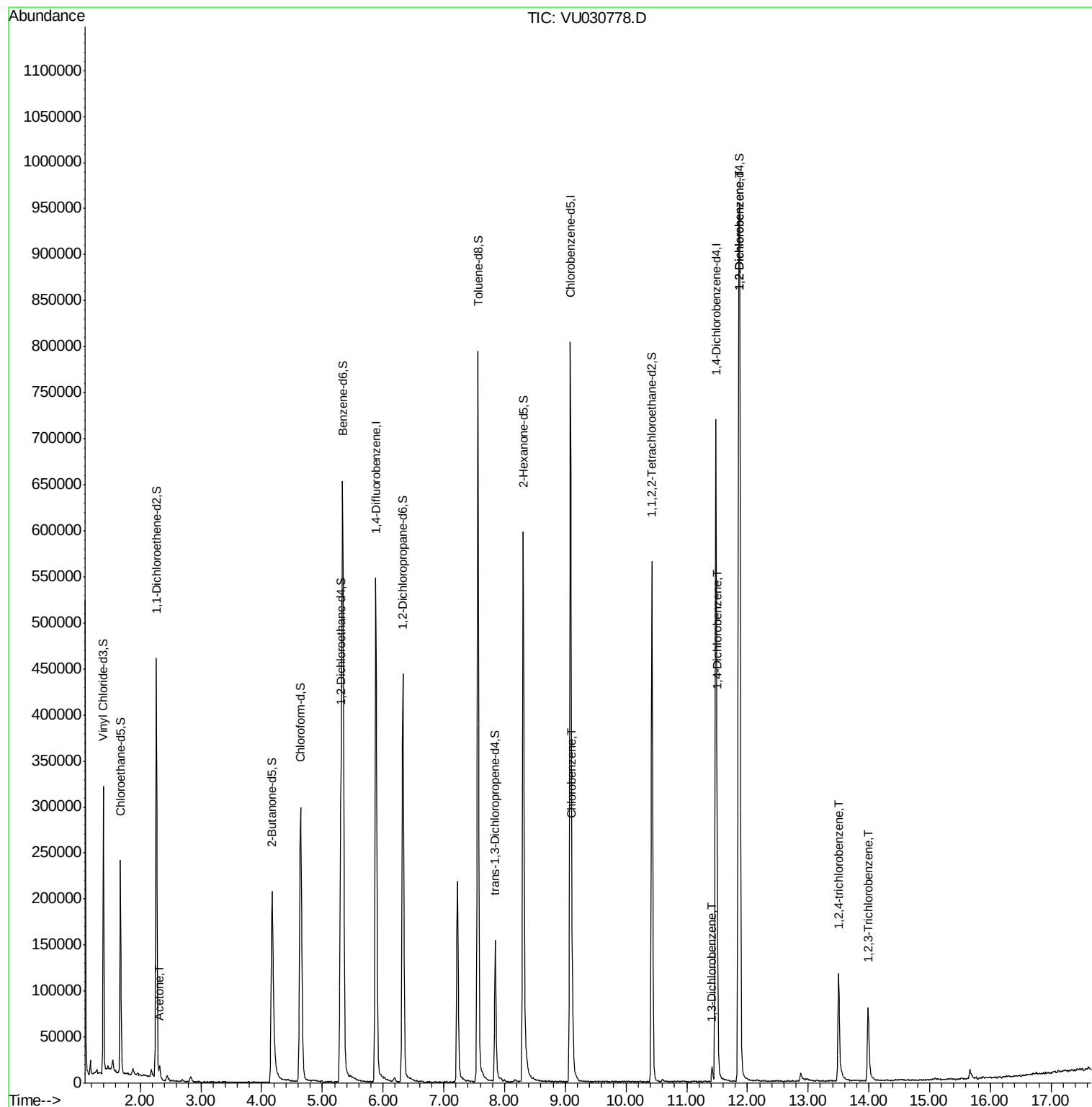
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040619\
Data File : VU030778.D
Acq On : 06 Apr 2019 06:01
Operator : JC/SP
Sample : K2269-01DL 5X
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ALS Vial : 35 Sample Multiplier: 1

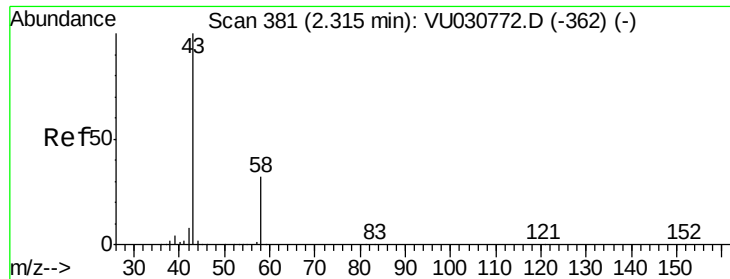
Instrument :
MSVOA_U
ClientSampleId :
C0BR2DL

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Quant Time: Apr 08 01:43:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 01:03:28 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.210 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU030778.D

Acq: 06 Apr 2019 06:01

Instrument :

MSVOA_U

ClientSampleId :

C0BR2DL

Tot Ion: 43 Resp: 13545

Ion Ratio Lower Upper

43 100

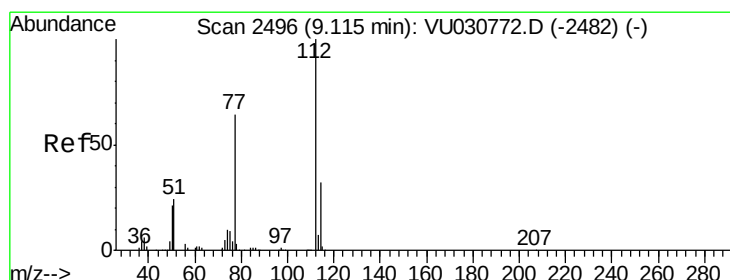
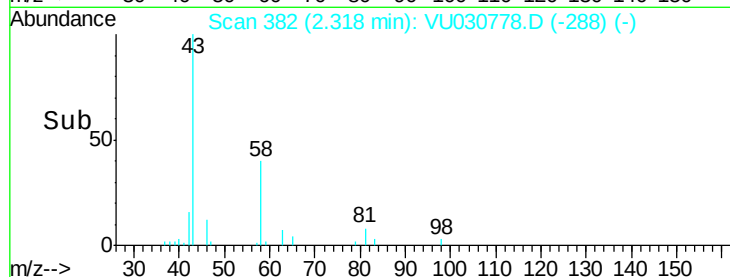
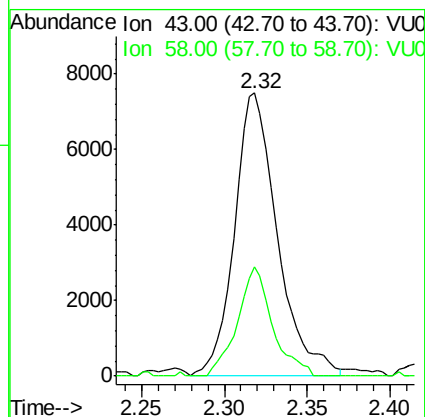
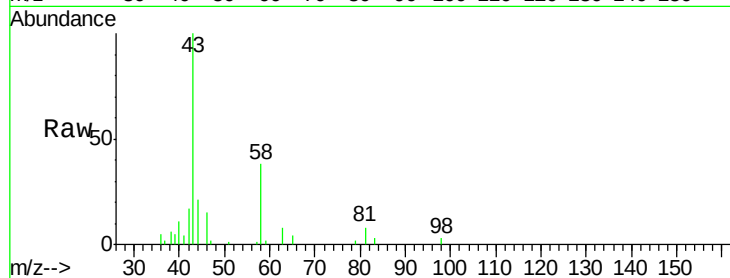
58 31.4 0.0 64.0

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#51

Chlorobenzene

Concen: 6.049 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. 0.00 min

Lab File: VU030778.D

Acq: 06 Apr 2019 06:01

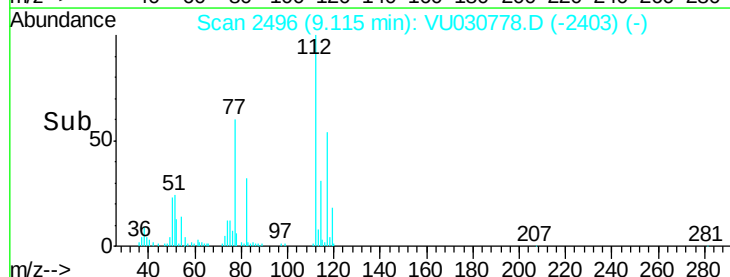
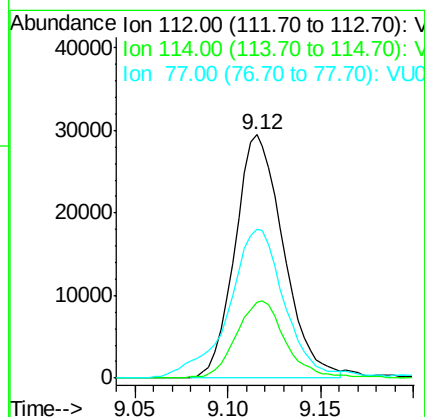
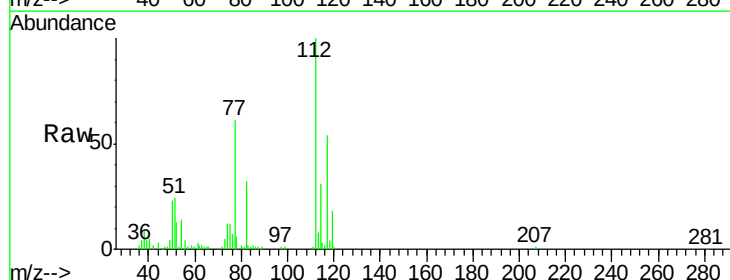
Tgt Ion: 112 Resp: 53565

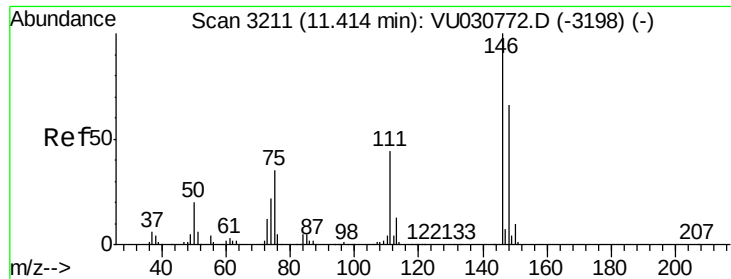
Ion Ratio Lower Upper

112 100

114 30.9 22.2 41.2

77 60.9 51.7 77.5





#62

1,3-Dichlorobenzene

Concen: 1.088 ug/L

RT: 11.42 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VU030778.D

Acq: 06 Apr 2019 06:01

Instrument :

MSVOA_U

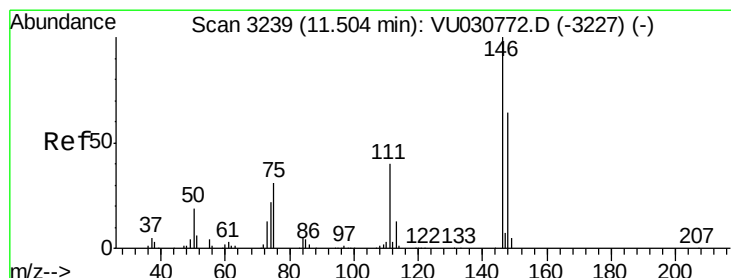
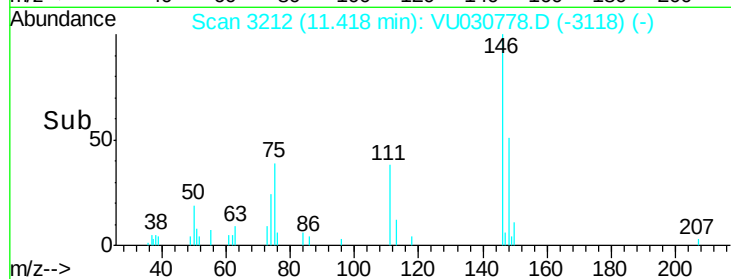
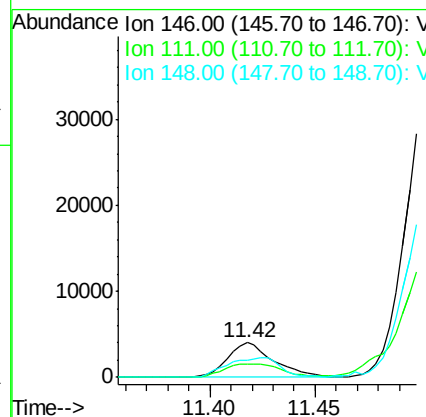
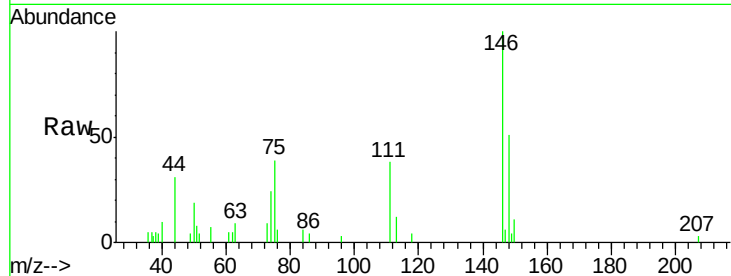
ClientSampleId :

C0BR2DL

Tot Ion:	146	Resp:	6138
Ion	Ratio	Lower	Upper
146	100		
111	38.3	30.9	57.5
148	51.1	44.7	82.9

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#63

1,4-Dichlorobenzene

Concen: 10.137 ug/L

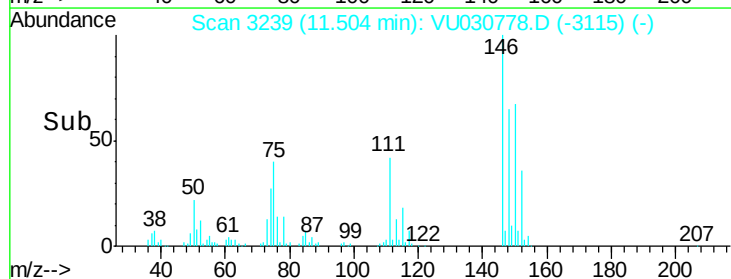
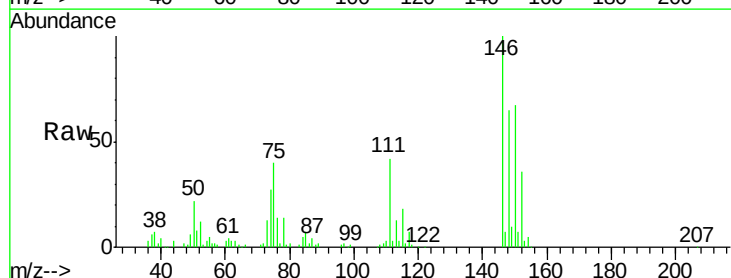
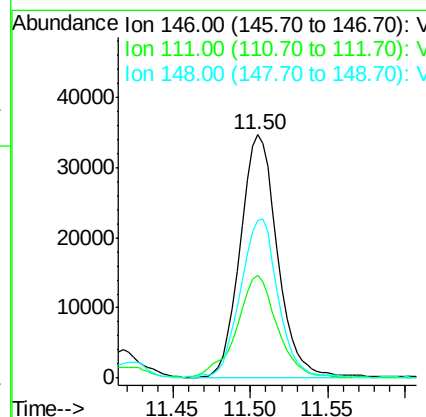
RT: 11.50 min Scan# 3239

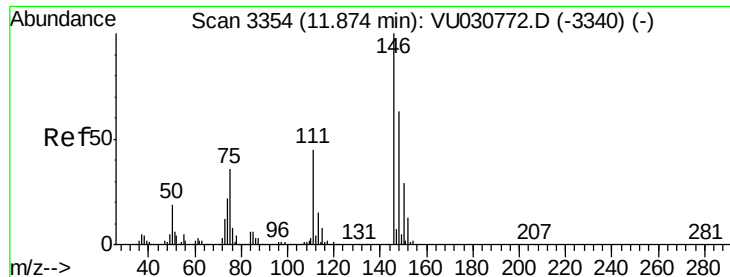
Delta R.T. 0.00 min

Lab File: VU030778.D

Acq: 06 Apr 2019 06:01

Tgt Ion:	146	Resp:	58149
Ion	Ratio	Lower	Upper
146	100		
111	42.0	27.7	51.5
148	64.7	45.4	84.4





#65

1,2-Dichlorobenzene

Concen: 50.559 ug/L

RT: 11.87 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VU030778.D

Acq: 06 Apr 2019 06:01

Instrument :

MSVOA_U

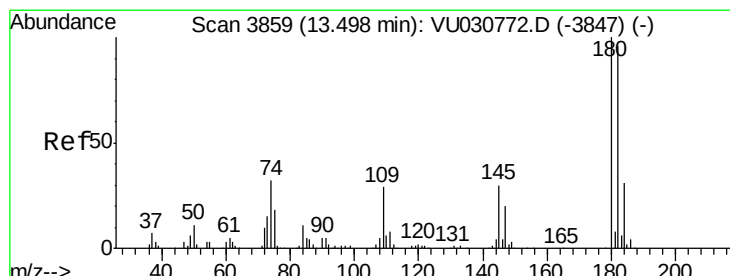
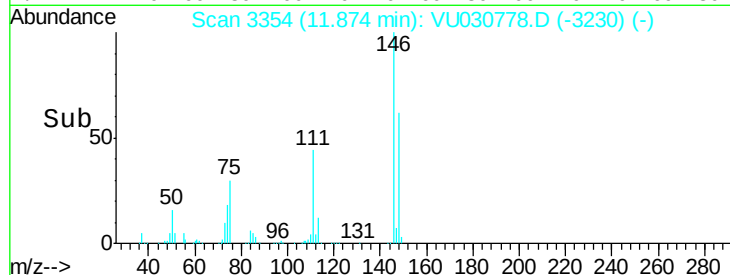
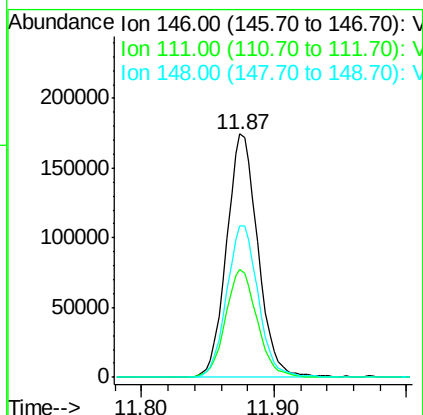
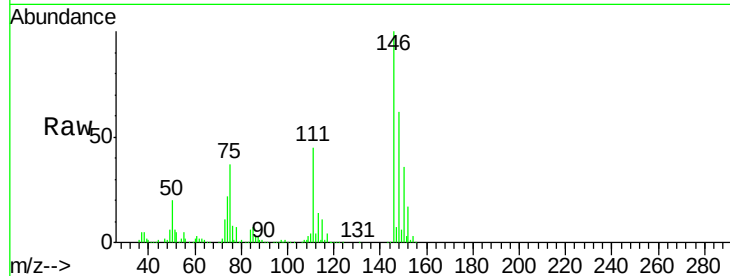
ClientSampleId :

C0BR2DL

Tot Ion:	146	Resp:	286003
Ion Ratio	Lower	Upper	
146	100		
111	44.5	34.9	52.3
148	62.3	50.4	75.6

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#68

1,2,4-trichlorobenzene

Concen: 11.294 ug/L

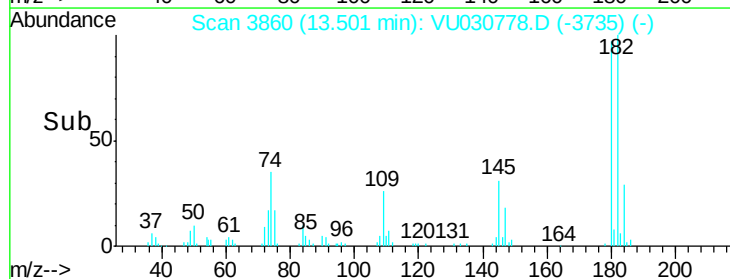
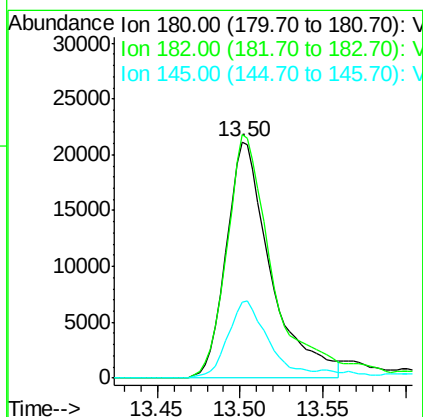
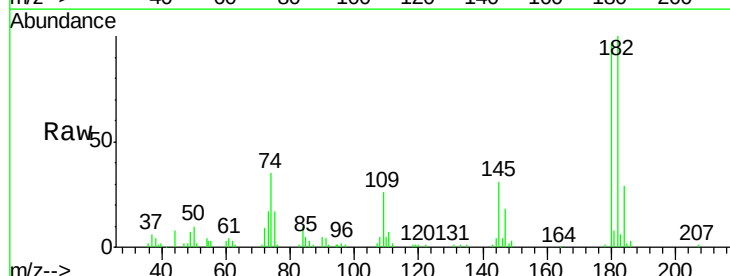
RT: 13.50 min Scan# 3860

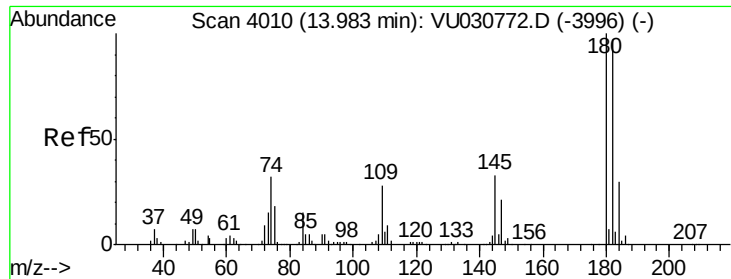
Delta R.T. 0.00 min

Lab File: VU030778.D

Acq: 06 Apr 2019 06:01

Tgt Ion:	180	Resp:	39577
Ion Ratio	Lower	Upper	
180	100		
182	103.9	76.7	115.1
145	29.5	24.4	36.6





#70
 1,2,3-Trichlorobenzene
 Concen: 7.533 ug/L
 RT: 13.99 min Scan# 4011
 Delta R.T. 0.00 min
 Lab File: VU030778.D
 Acq: 06 Apr 2019 06:01

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BR2DL

Tot Ion:180	Resp:	27581
Ion Ratio	Lower	Upper
180	100	
182	108.9	78.1 117.1
145	37.5	26.6 40.0

Manual Integrations
 APPROVED

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