

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011520\
 Data File : VU036479.D
 Acq On : 15 Jan 2020 19:04
 Operator : JC/MD
 Sample : L1139-05 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0D51

Manual Integrations
 APPROVED

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Quant Time: Jan 17 12:02:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 05:57:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	445994	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	414843	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	180833	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	130994	45.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.60%
7) Chloroethane-d5	1.93	69	119694m	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.64%
11) 1,1-Dichloroethene-d2	2.59	63	199024	35.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.70%
21) 2-Butanone-d5	4.68	46	250330	100.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.70%
24) Chloroform-d	5.11	84	283836	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.62%
26) 1,2-Dichloroethane-d4	5.75	65	194589	50.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.70%
32) Benzene-d6	5.77	84	550306	50.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.44%
36) 1,2-Dichloropropane-d6	6.73	67	180989	51.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.58%
41) Toluene-d8	7.93	98	518682	50.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.10%
43) trans-1,3-Dichloropropene-	8.21	79	91304	48.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.08%
47) 2-Hexanone-d5	8.67	63	185413	102.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.54%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	264608	49.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.72%
64) 1,2-Dichlorobenzene-d4	12.22	152	175156	49.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.36%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	9100	3.382	ug/L	92
33) Benzene	5.82	78	565403	47.432	ug/L	100
51) Chlorobenzene	9.47	112	1462966	179.697	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	73737	12.949	ug/L	97
63) 1,4-Dichlorobenzene	11.86	146	587825	102.737	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	734810	130.828	ug/L	97

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

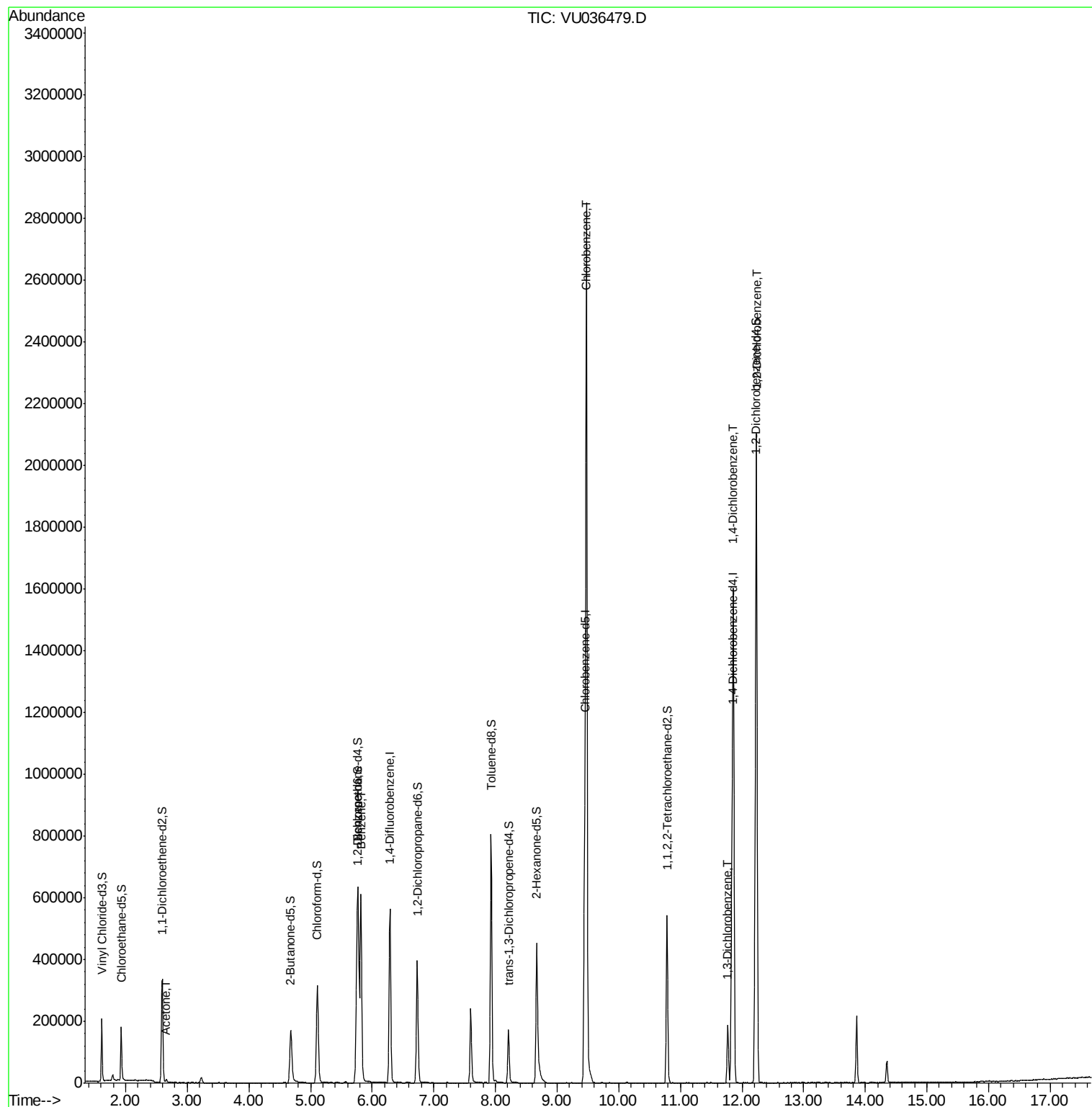
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU011520\
Data File : VU036479.D
Acq On : 15 Jan 2020 19:04
Operator : JC/MD
Sample : L1139-05 100X
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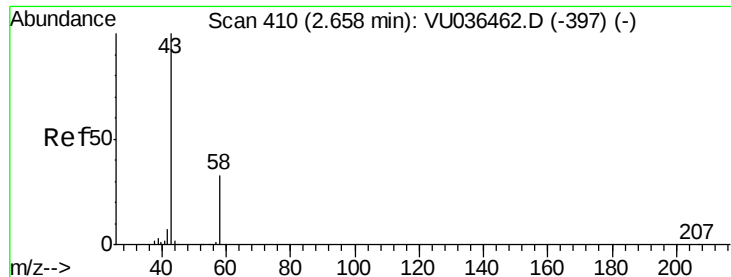
Instrument :
MSVOA_U
ClientSampleId :
C0D51

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Quant Time: Jan 17 12:02:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 16 05:57:22 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.382 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU036479.D

Acq: 15 Jan 2020 19:04

Instrument :

MSVOA_U

ClientSampleId :

C0D51

Tot Ion: 43 Resp: 9100

Ion Ratio Lower Upper

43 100

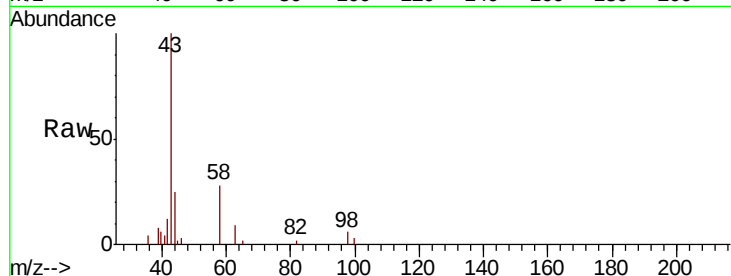
58 28.0 0.0 65.0

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Abundance Ion 43.00 (42.70 to 43.70): VU036479.D (-317) (-)

Ion 58.00 (57.70 to 58.70): VU036479.D (-317) (-)

6000

5000

4000

3000

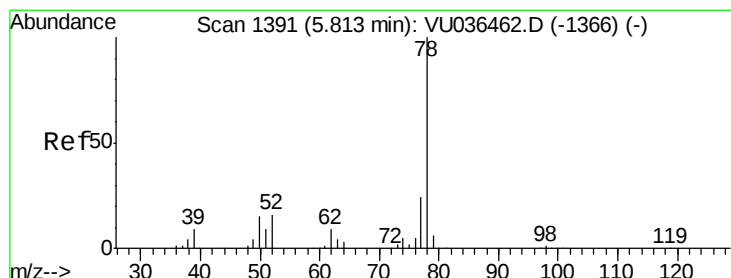
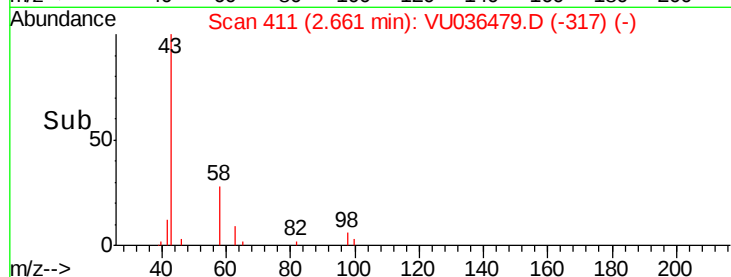
2000

1000

0

2.60 2.65 2.70

Time-->



#33

Benzene

Concen: 47.432 ug/L

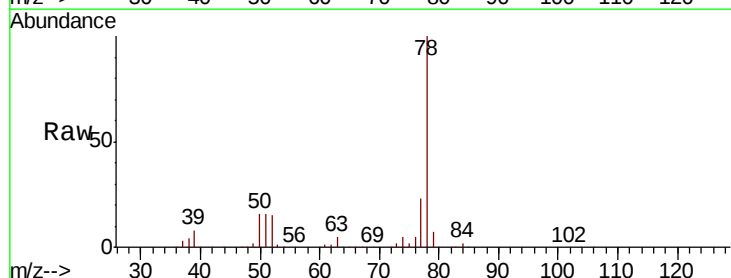
RT: 5.82 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VU036479.D

Acq: 15 Jan 2020 19:04

Tgt Ion: 78 Resp: 565403



Abundance Ion 78.00 (77.70 to 78.70): VU036479.D (-1298) (-)

300000

250000

200000

150000

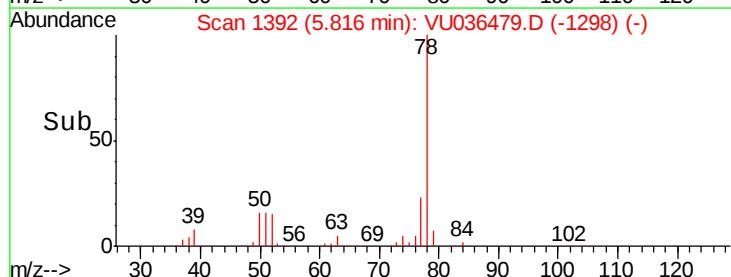
100000

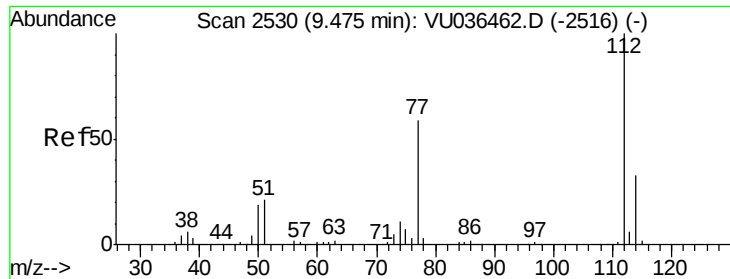
50000

0

5.70 5.80 5.90

Time-->





#51

Chlorobenzene

Concen: 179.697 ug/L

RT: 9.47 min Scan# 2530

Delta R.T. -0.00 min

Lab File: VU036479.D

Acq: 15 Jan 2020 19:04

Instrument :

MSVOA_U

ClientSampled :

C0D51

Tot Ion:112 Resp: 1462966

Ion Ratio Lower Upper

112 100

114 31.9 22.0 41.0

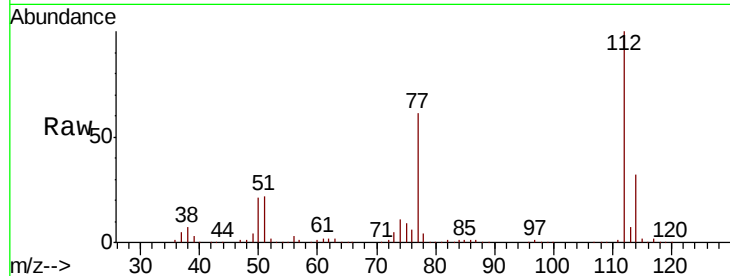
77 61.0 47.8 71.8

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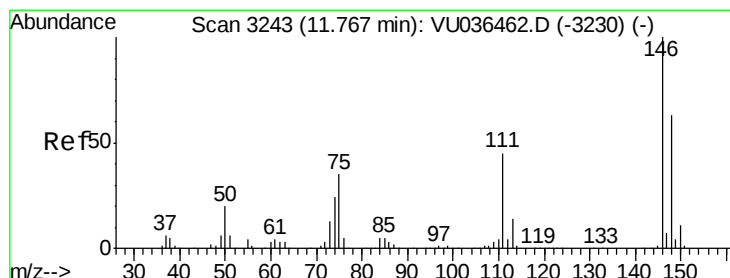
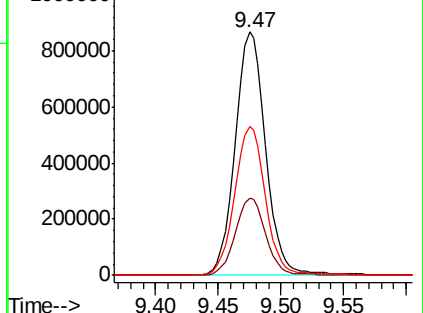
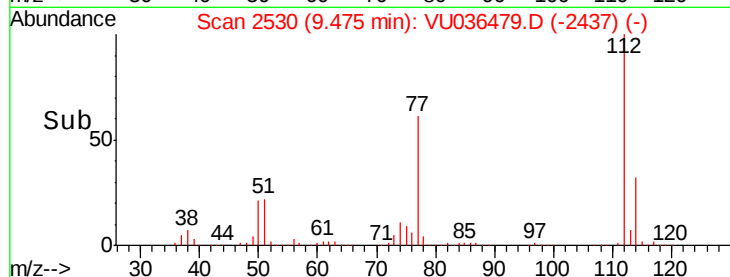
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Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0



#62

1,3-Dichlorobenzene

Concen: 12.949 ug/L

RT: 11.77 min Scan# 3243

Delta R.T. -0.00 min

Lab File: VU036479.D

Acq: 15 Jan 2020 19:04

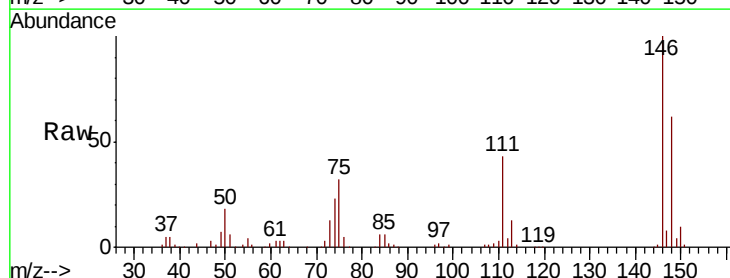
Tgt Ion:146 Resp: 73737

Ion Ratio Lower Upper

146 100

111 42.7 31.3 58.1

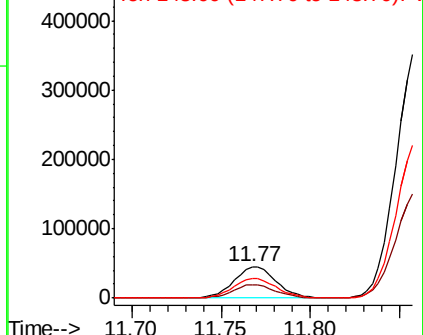
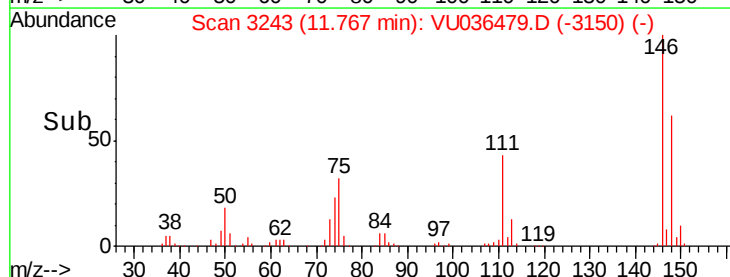
148 61.7 44.7 82.9

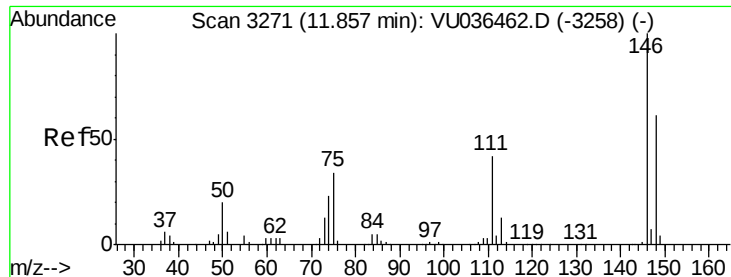


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#63

1,4-Dichlorobenzene

Concen: 102.737 ug/L

RT: 11.86 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VU036479.D

Acq: 15 Jan 2020 19:04

Instrument :

MSVOA_U

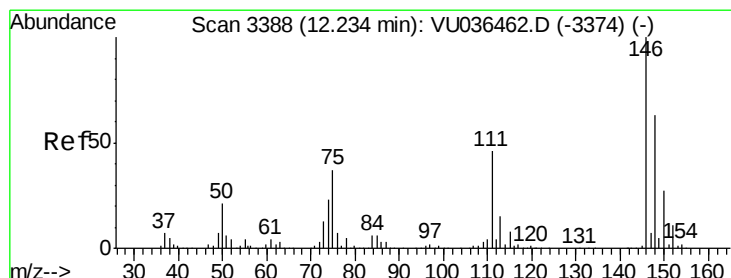
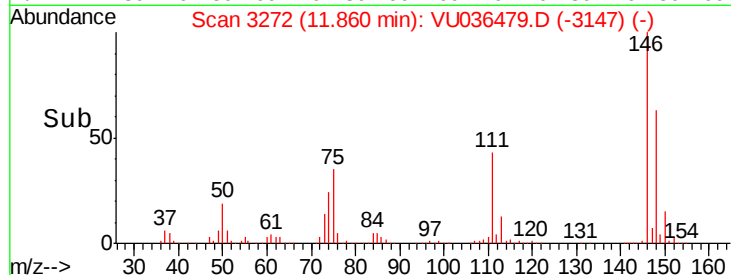
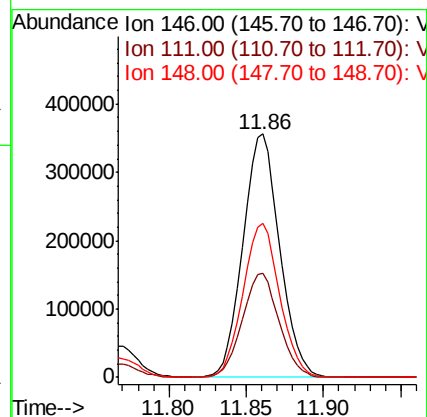
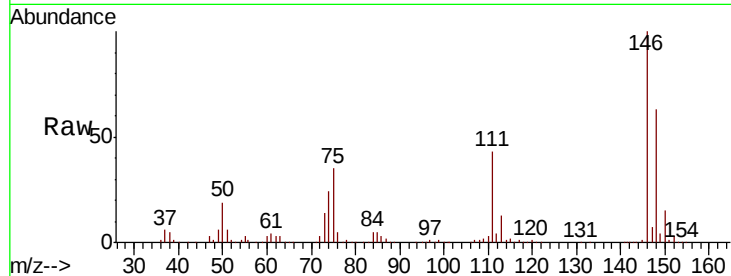
ClientSampleId :

C0D51

Tot Ion:	146	Resp:	587825
Ion Ratio	Lower	Upper	
146	100		
111	42.8	29.3	54.3
148	63.2	43.8	81.3

Manual Integrations
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#65

1,2-Dichlorobenzene

Concen: 130.828 ug/L

RT: 12.24 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU036479.D

Acq: 15 Jan 2020 19:04

Tgt Ion:	146	Resp:	734810
Ion Ratio	Lower	Upper	
146	100		
111	45.5	37.0	55.4
148	62.0	52.3	78.5

