

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122319\
 Data File : VU036327.D
 Acq On : 23 Dec 2019 15:37
 Operator : JC/MD
 Sample : K6282-15DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDX1DL

Quant Time: Dec 24 01:07:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 24 00:19:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	257090	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	276528	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	111192	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	129381	5.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.20%
7) Chloroethane-d5	1.93	69	114169	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.60%
11) 1,1-Dichloroethene-d2	2.59	63	140172	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.80%
20) 2-Butanone-d5	4.68	46	210688	49.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.34%
24) Chloroform-d	5.11	84	188314	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.75	65	99412	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.77	84	362652	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.73	67	112778	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.93	98	310228	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	8.21	79	43556	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.67	63	167256	48.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.08%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	95883	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	114400	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

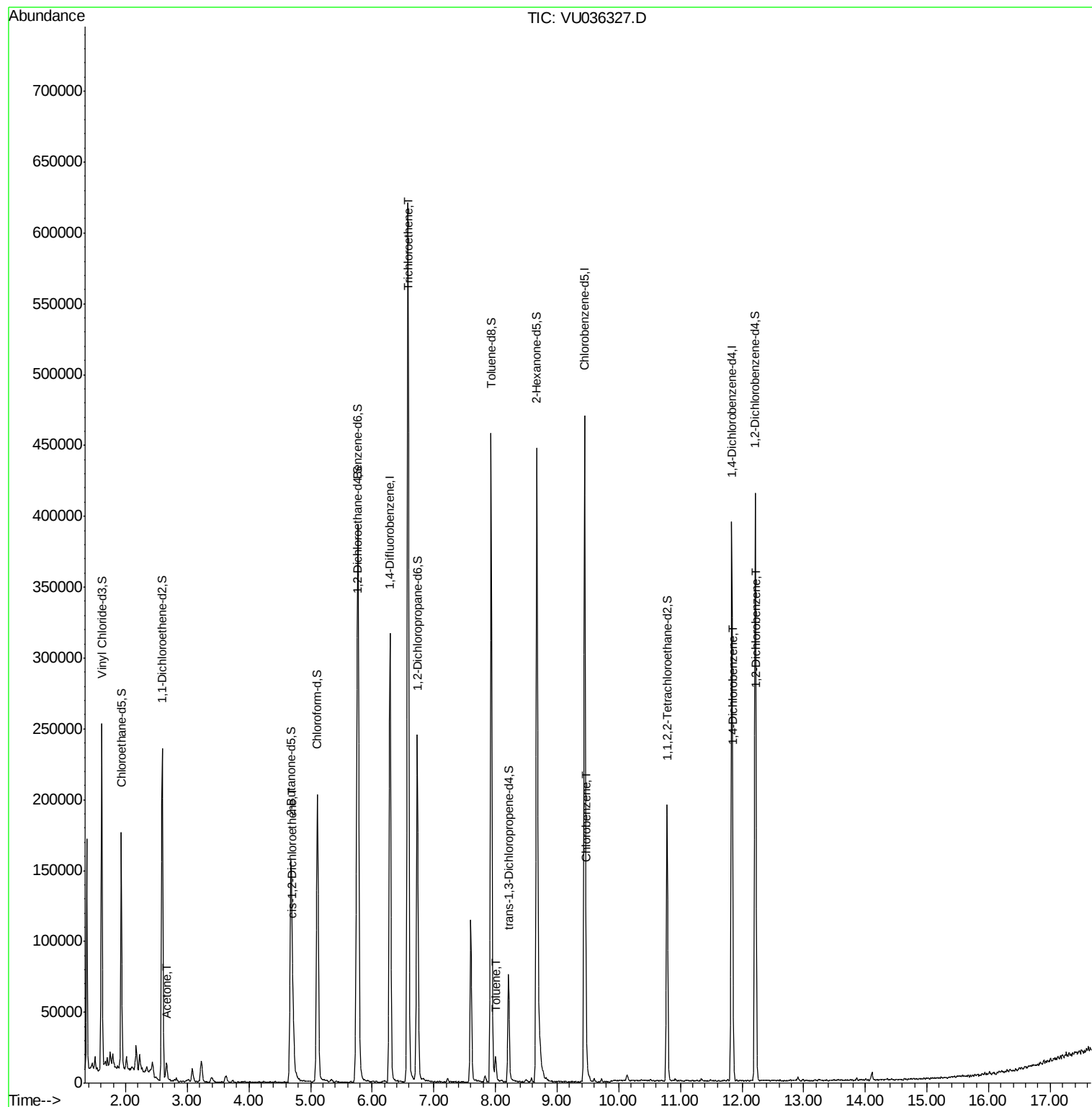
					Ovalue
13) Acetone	2.66	43	11439	3.095	ug/L 98
22) cis-1,2-Dichloroethene	4.72	96	18581	0.867	ug/L 95
34) Trichloroethene	6.58	95	208658	9.523	ug/L 99
42) Toluene	8.00	91	10652	0.117	ug/L 98
51) Chlorobenzene	9.47	112	8869	0.147	ug/L 97
63) 1,4-Dichlorobenzene	11.86	146	4502	0.121	ug/L 95
65) 1,2-Dichlorobenzene	12.24	146	5938	0.166	ug/L 91

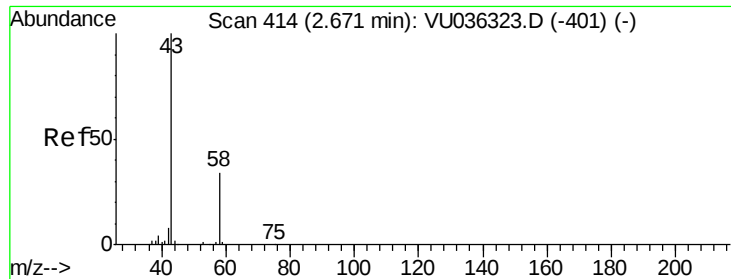
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 24 00:19:34 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.095 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU036327.D

Acq: 23 Dec 2019 15:37

Instrument :

MSVOA_U

ClientSampleId :

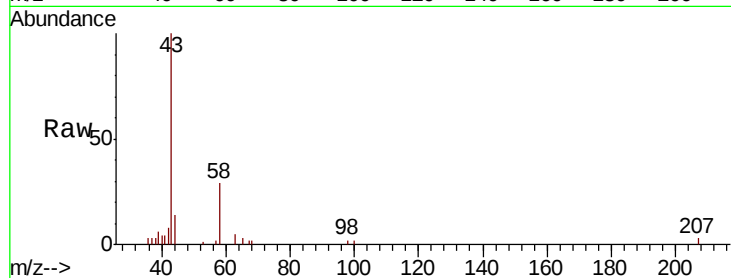
BFDX1DL

Tot Ion: 43 Resp: 11439

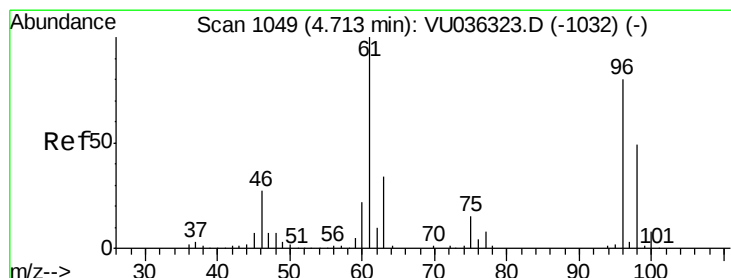
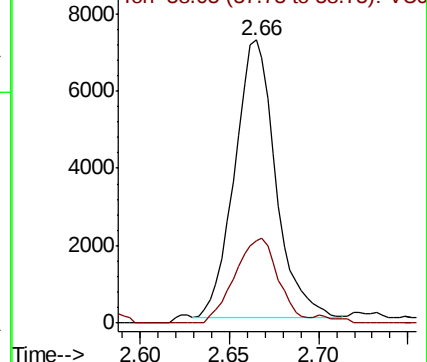
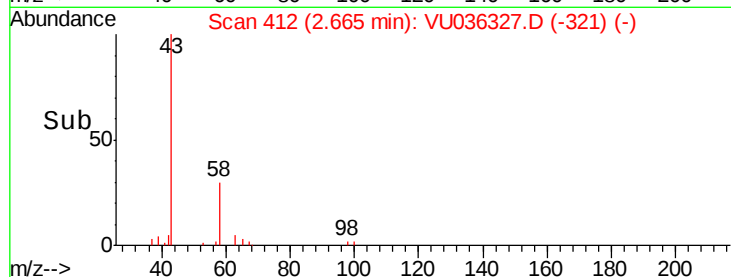
Ion Ratio Lower Upper

43 100

58 32.5 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036327.D (-321) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.867 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU036327.D

Acq: 23 Dec 2019 15:37

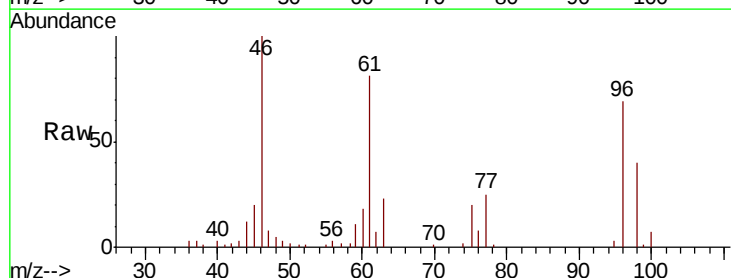
Tgt Ion: 96 Resp: 18581

Ion Ratio Lower Upper

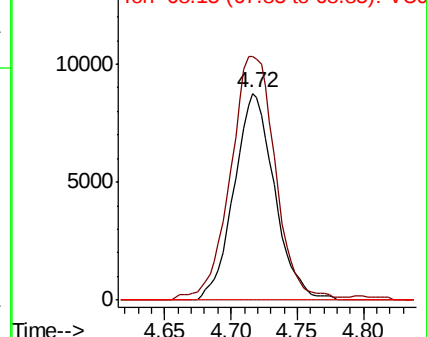
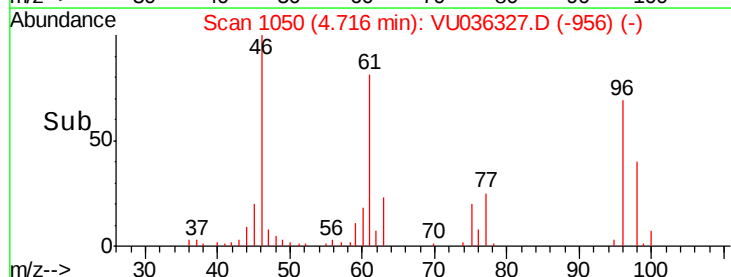
96 100

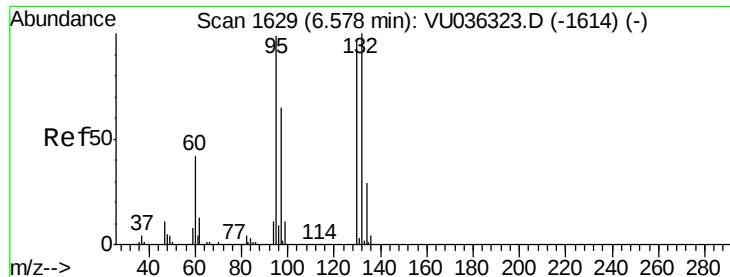
61 117.9 86.7 161.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036327.D (-956) (-)





#34

Trichloroethene

Concen: 9.523 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036327.D

Acq: 23 Dec 2019 15:37

Instrument :

MSVOA_U

ClientSampleId :

BFDX1DL

Tot Ion: 95 Resp: 208658

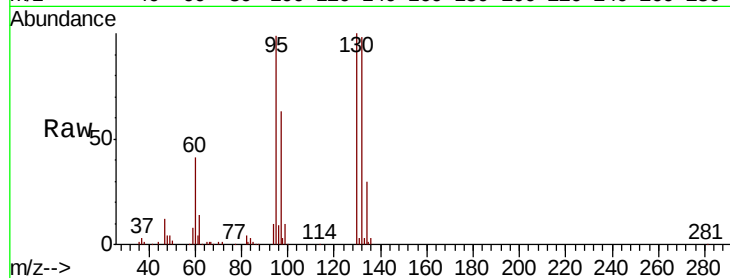
Ion Ratio Lower Upper

95 100

97 64.0 43.6 81.0

132 99.0 69.6 129.2

130 101.0 70.3 130.7

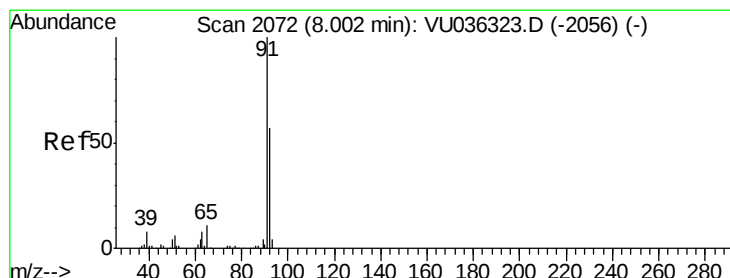
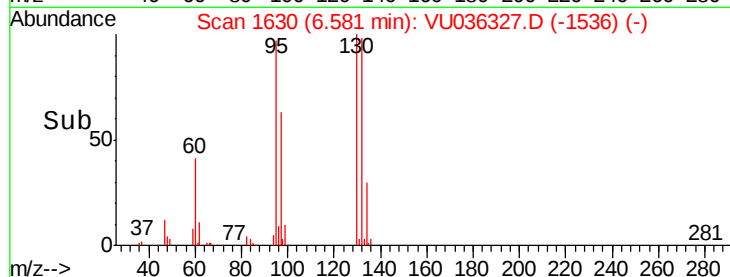
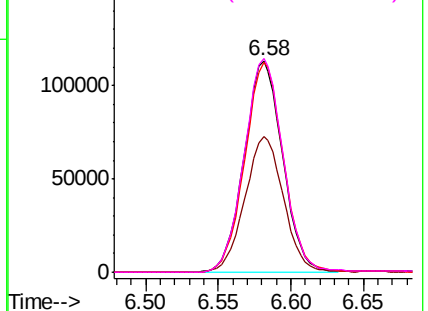


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#42

Toluene

Concen: 0.117 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VU036327.D

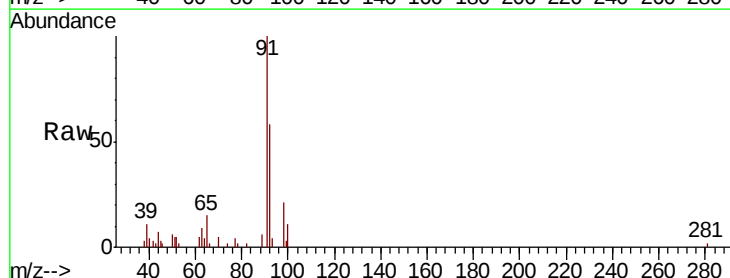
Acq: 23 Dec 2019 15:37

Tgt Ion: 91 Resp: 10652

Ion Ratio Lower Upper

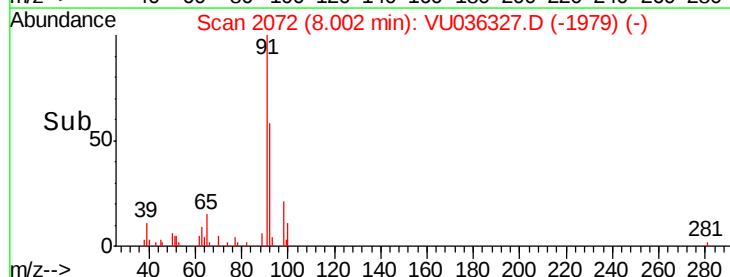
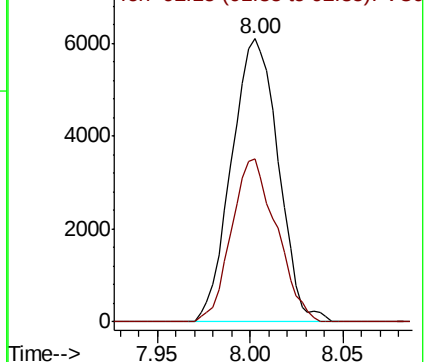
91 100

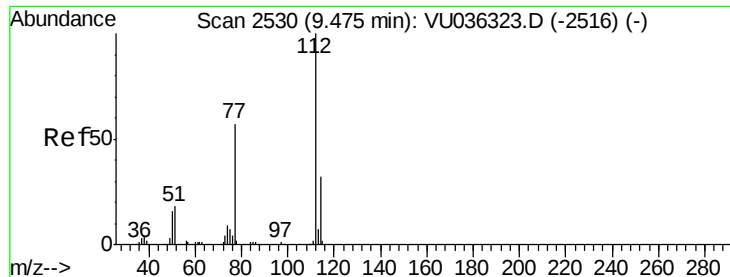
92 57.6 41.2 76.6



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#51

Chlorobenzene

Concen: 0.147 ug/L

RT: 9.47 min Scan# 2530

Delta R.T. -0.00 min

Lab File: VU036327.D

Acq: 23 Dec 2019 15:37

Instrument :

MSVOA_U

ClientSampleId :

BFDX1DL

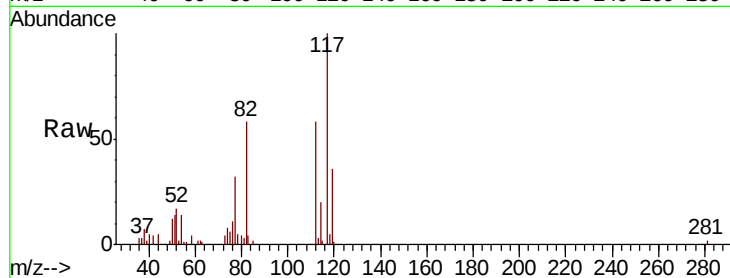
Tot Ion:112 Resp: 8869

Ion Ratio Lower Upper

112 100

114 34.1 23.2 43.2

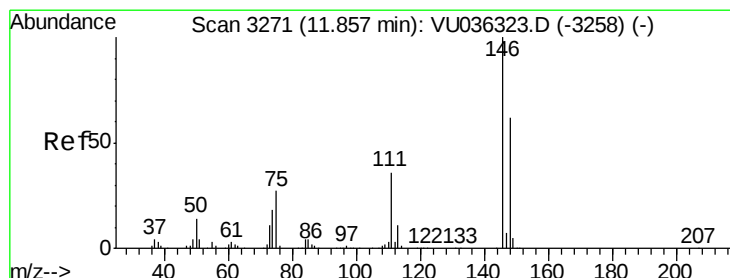
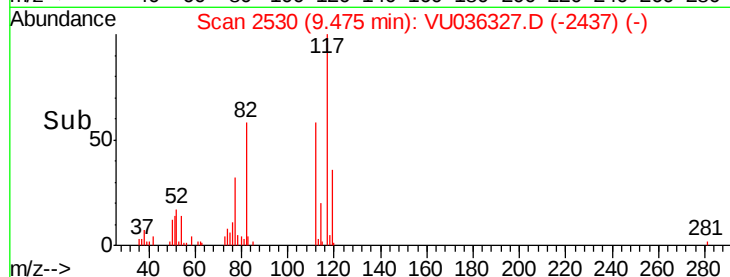
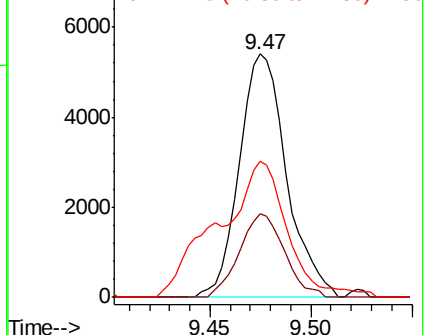
77 55.7 46.5 69.7



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU



#63

1,4-Dichlorobenzene

Concen: 0.121 ug/L

RT: 11.86 min Scan# 3271

Delta R.T. -0.00 min

Lab File: VU036327.D

Acq: 23 Dec 2019 15:37

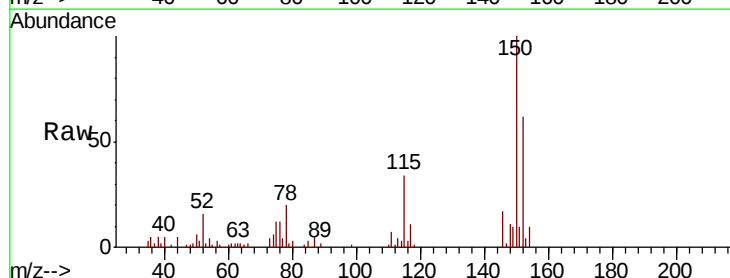
Tgt Ion:146 Resp: 4502

Ion Ratio Lower Upper

146 100

111 41.5 25.8 48.0

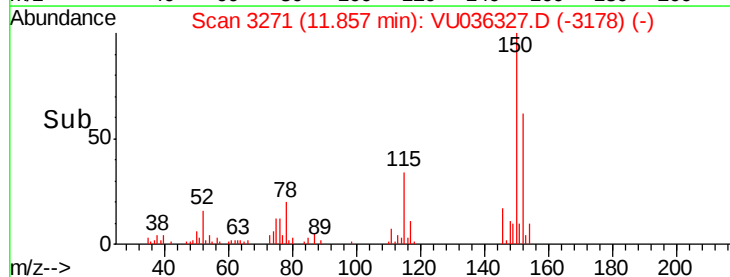
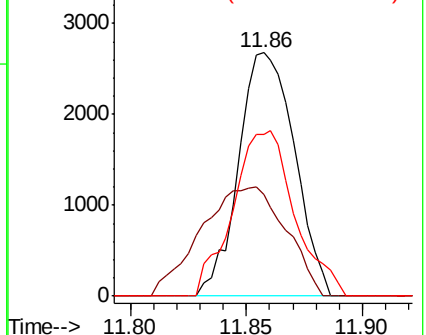
148 66.3 44.7 82.9

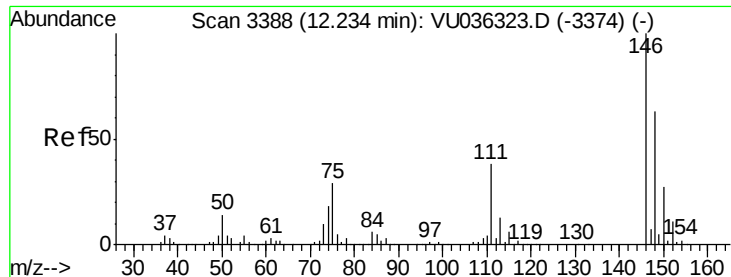


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 0.166 ug/L

RT: 12.24 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU036327.D

Acq: 23 Dec 2019 15:37

Instrument :

MSVOA_U

ClientSampleId :

BFDX1DL

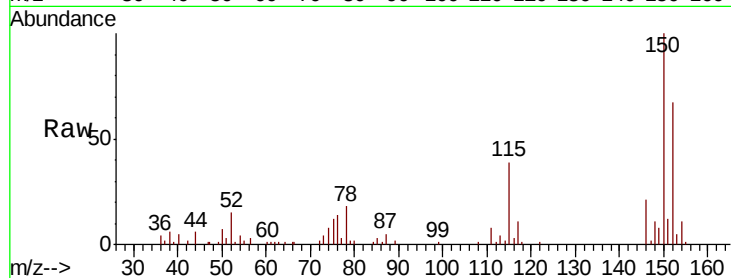
Tot Ion:146 Resp: 5938

Ion Ratio Lower Upper

146 100

111 38.9 32.5 48.7

148 51.8 49.2 73.8



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

