

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052720\
 Data File : VU038329.D
 Acq On : 27 May 2020 18:29
 Operator : JC/MD
 Sample : L2749-04 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4W9

Quant Time: May 28 05:55:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 04:16:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	292169	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	286877	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	141235	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	85169	3.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.80%
7) Chloroethane-d5	1.93	69	82004	3.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.00%
11) 1,1-Dichloroethene-d2	2.59	63	132935	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	4.66	46	351373	53.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.58%
24) Chloroform-d	5.10	84	196889	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.74	65	116601	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.76	84	407972	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.72	67	131613	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.92	98	361690	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	8.20	79	49802	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.65	63	279859	53.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.64%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	111320	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	147936	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

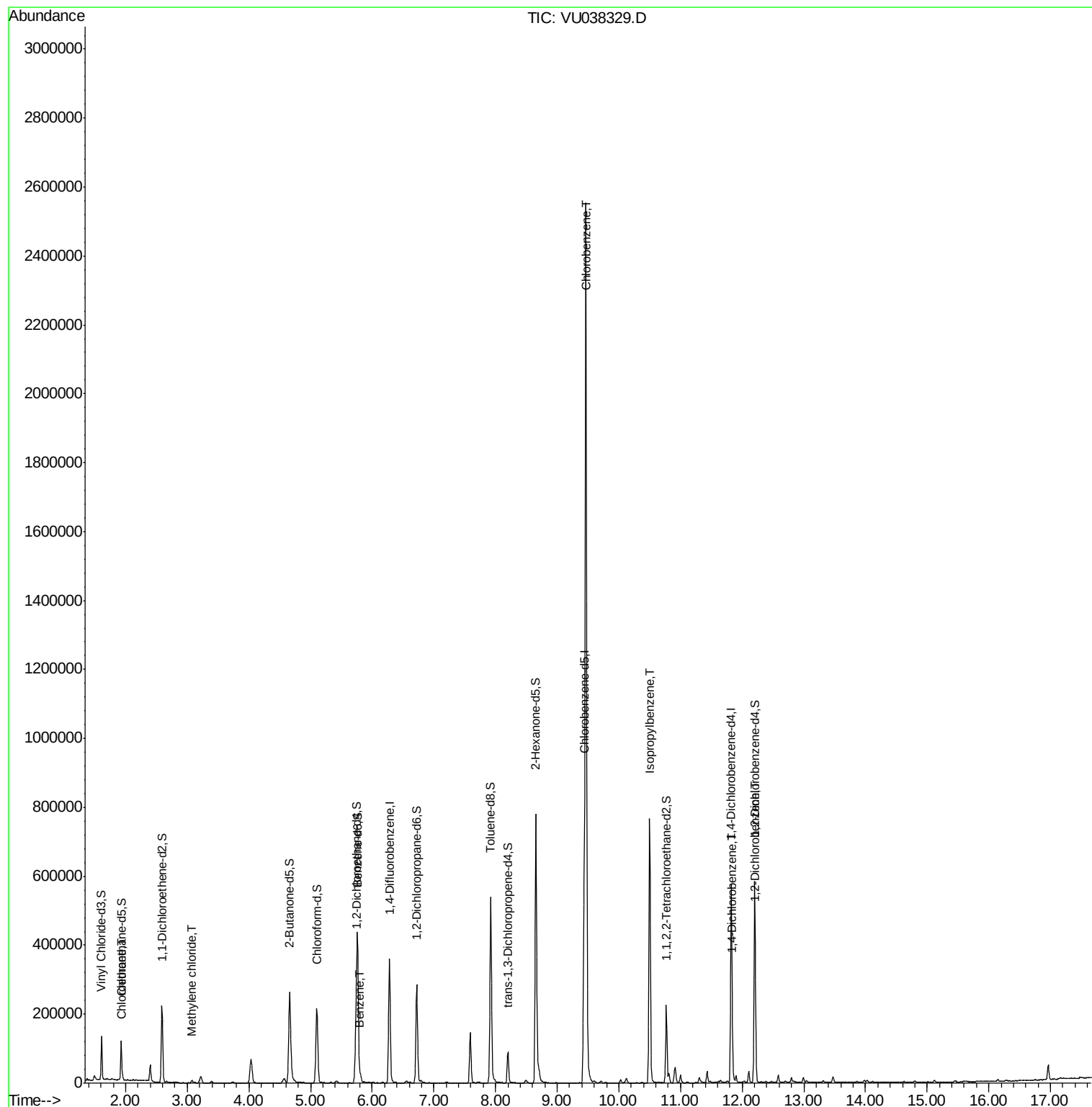
					Ovalue
8) Chloroethane	1.95	64	4320	0.223 ug/L #	82
16) Methylene chloride	3.08	84	3224	0.136 ug/L	92
33) Benzene	5.81	78	20144	0.219 ug/L	100
51) Chlorobenzene	9.47	112	1385672	23.024 ug/L	98
56) Isopropylbenzene	10.50	105	505842	5.056 ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	12192	0.262 ug/L	97
65) 1,2-Dichlorobenzene	12.22	146	4995	0.113 ug/L	89

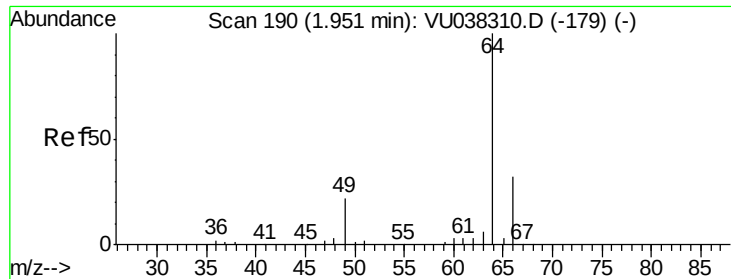
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.223 ug/L

RT: 1.95 min Scan# 190

Delta R.T. 0.00 min

Lab File: VU038329.D

Acq: 27 May 2020 18:29

Instrument :

MSVOA_U

ClientSampled :

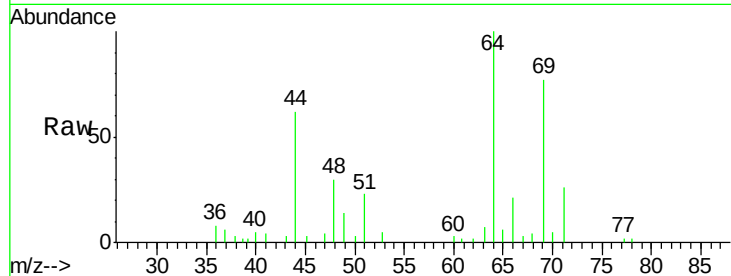
BE4W9

Tot Ion: 64 Resp: 4320

Ion Ratio Lower Upper

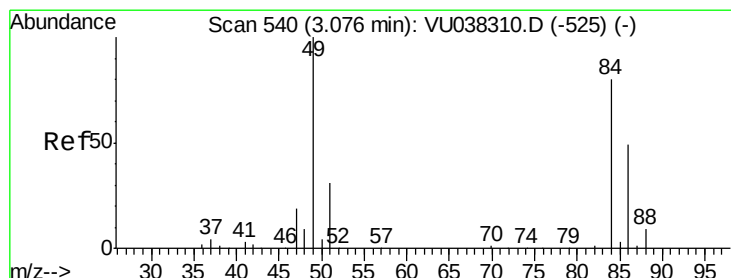
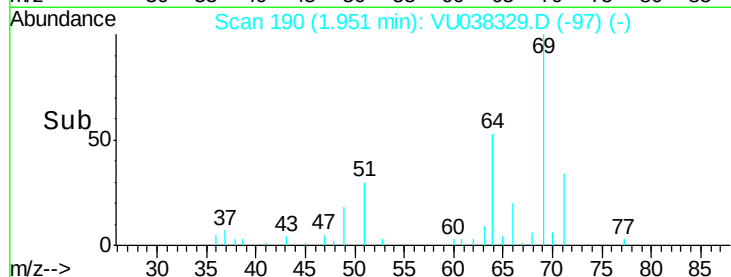
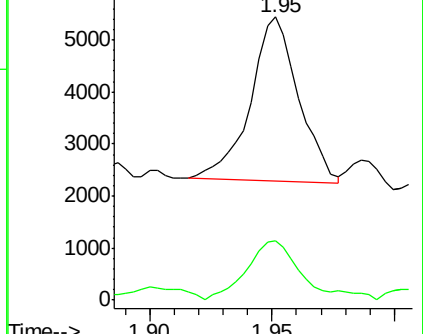
64 100

66 21.2 21.8 40.4#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



#16

Methylene chloride

Concen: 0.136 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU038329.D

Acq: 27 May 2020 18:29

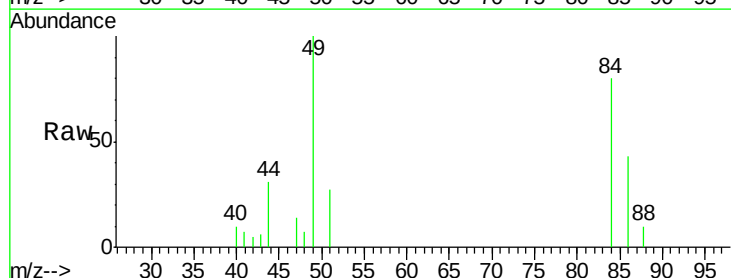
Tgt Ion: 84 Resp: 3224

Ion Ratio Lower Upper

84 100

86 53.6 44.9 83.3

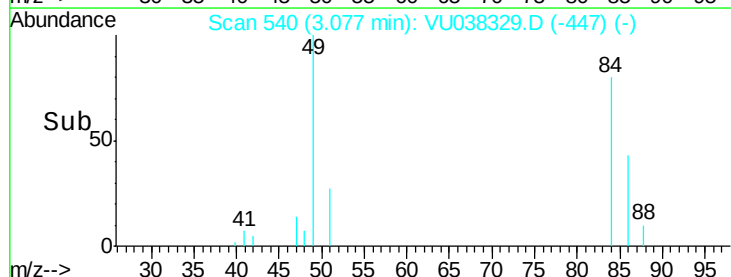
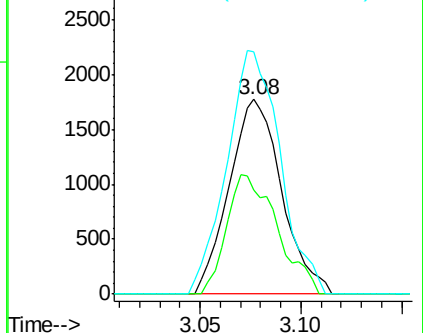
49 124.6 92.0 170.9

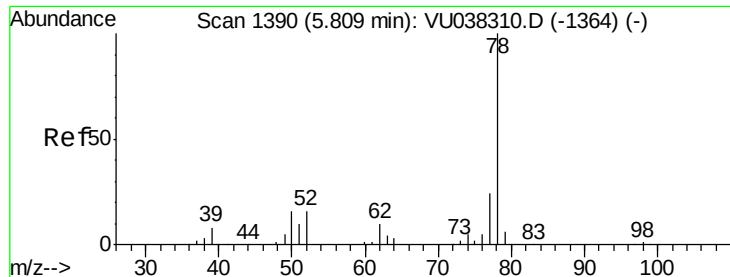


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0





#33

Benzene

Concen: 0.219 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VU038329.D

Acq: 27 May 2020 18:29

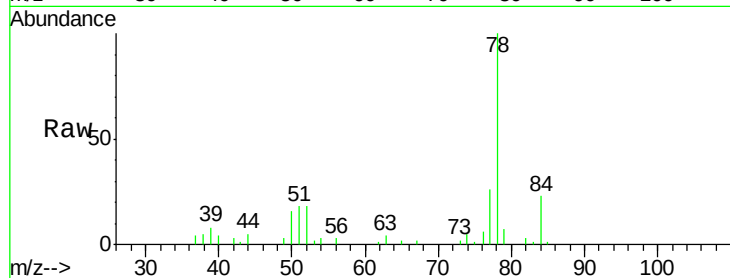
Instrument :

MSVOA_U

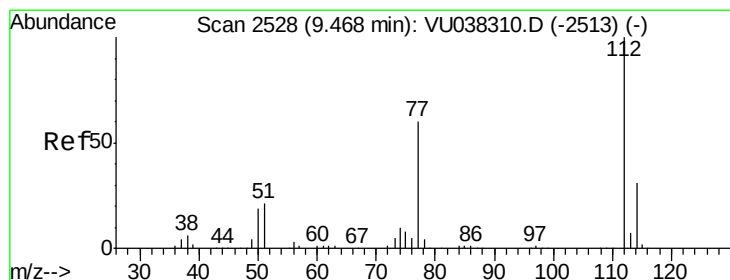
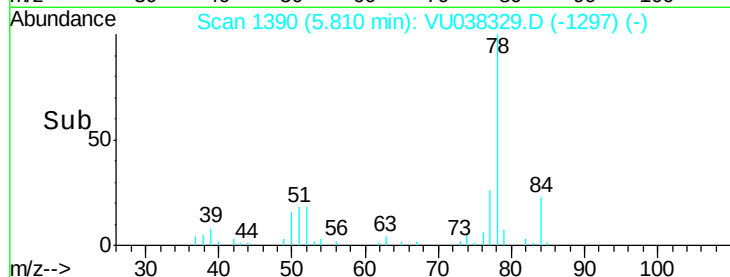
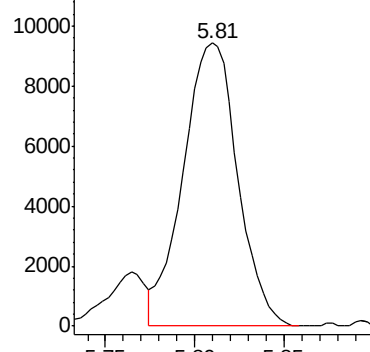
ClientSampleId :

BE4W9

Tgt Ion: 78 Resp: 20144



Abundance Ion 78.10 (77.80 to 78.80): VU0



#51

Chlorobenzene

Concen: 23.024 ug/L

RT: 9.47 min Scan# 2527

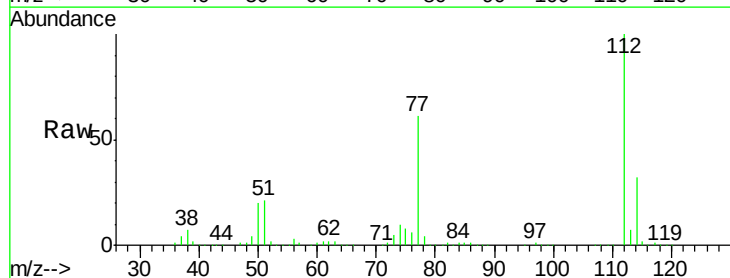
Delta R.T. -0.00 min

Lab File: VU038329.D

Acq: 27 May 2020 18:29

Tgt Ion: 112 Resp: 1385672

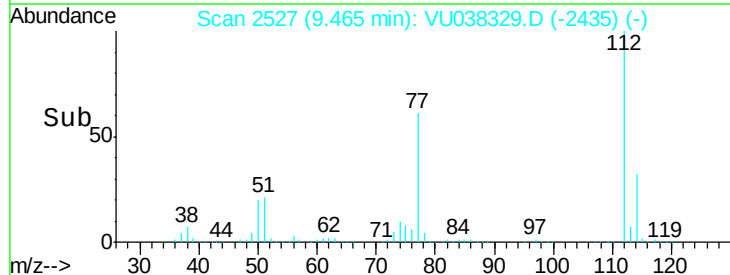
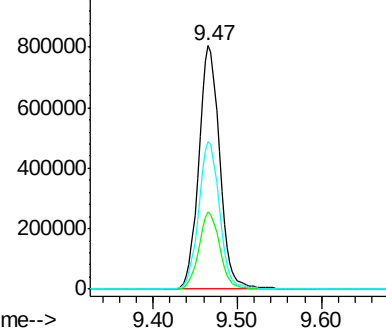
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.5	41.7
77	60.8	49.9	74.9

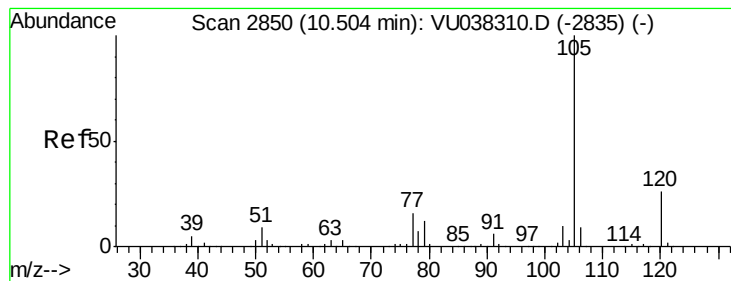


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU0





#56

Isopropylbenzene

Concen: 5.056 ug/L

RT: 10.50 min Scan# 2849

Delta R.T. -0.00 min

Lab File: VU038329.D

Acq: 27 May 2020 18:29

Instrument :

MSVOA_U

ClientSampleId :

BE4W9

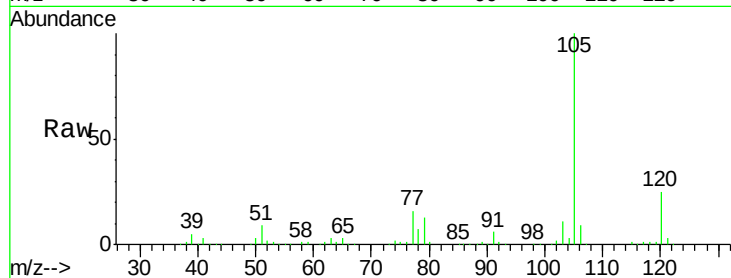
Tot Ion:105 Resp: 505842

Ion Ratio Lower Upper

105 100

120 25.6 21.0 31.6

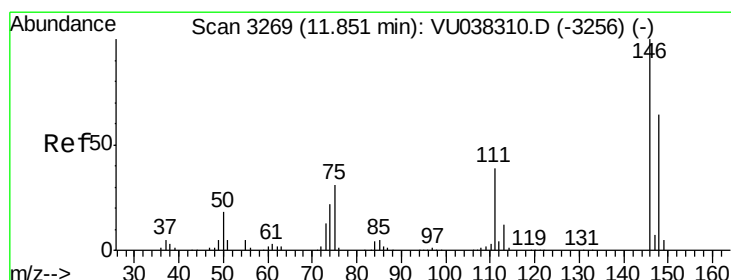
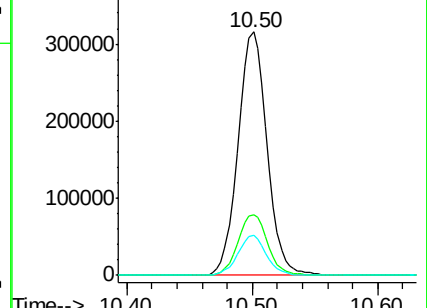
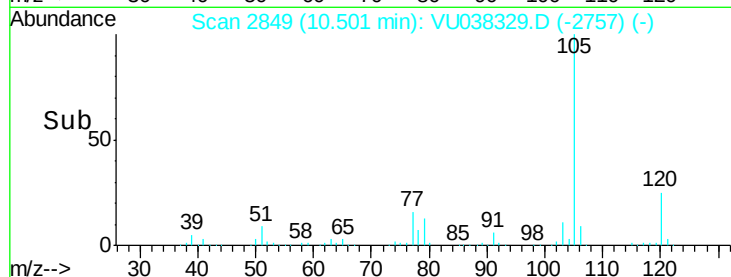
77 16.2 13.0 19.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#63

1,4-Dichlorobenzene

Concen: 0.262 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. -0.00 min

Lab File: VU038329.D

Acq: 27 May 2020 18:29

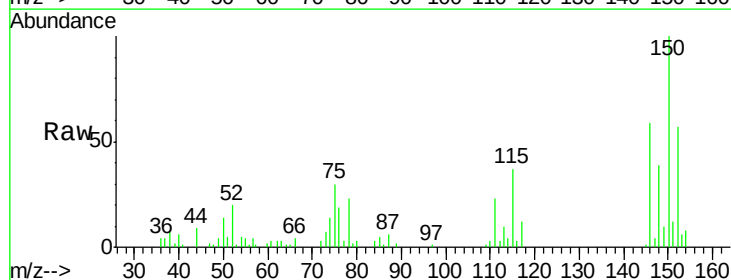
Tgt Ion:146 Resp: 12192

Ion Ratio Lower Upper

146 100

111 38.5 27.2 50.6

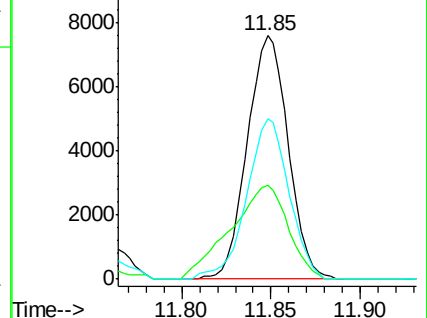
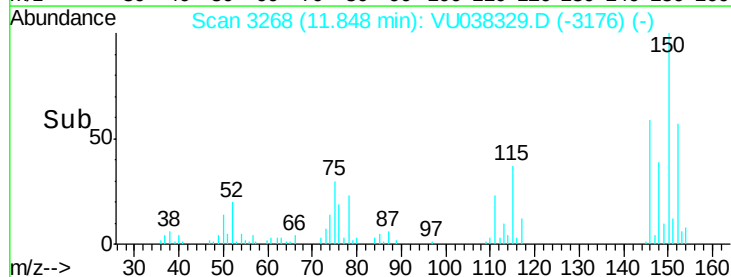
148 65.8 43.8 81.3

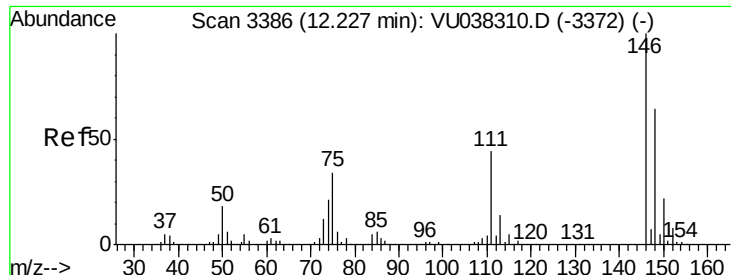


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 0.113 ug/L

RT: 12.22 min Scan# 3385

Delta R.T. -0.00 min

Lab File: VU038329.D

Acq: 27 May 2020 18:29

Instrument :

MSVOA_U

ClientSampleId :

BE4W9

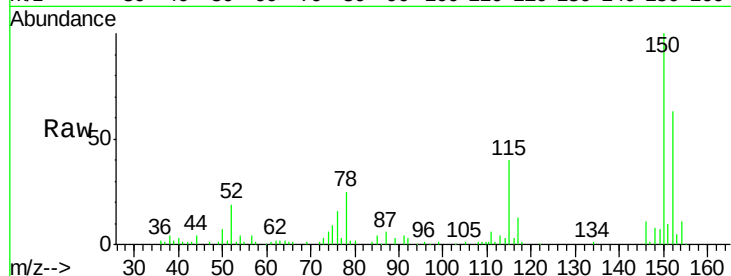
Tot Ion:146 Resp: 4995

Ion Ratio Lower Upper

146 100

111 51.5 35.3 52.9

148 71.8 51.0 76.4



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

