

Data File : VU038382.D
Acq On : 29 May 2020 17:42
Operator : JC/MD
Sample : L2749-08DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4X3DL

Quant Time: May 30 00:39:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 30 00:03:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	334520	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	327941	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	162598	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	93090	3.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.80%
7) Chloroethane-d5	1.93	69	86038	3.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.00%
11) 1,1-Dichloroethene-d2	2.59	63	145469	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	4.67	46	356269	47.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.38%
24) Chloroform-d	5.10	84	202232	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.74	65	120354	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	5.76	84	414317	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
36) 1,2-Dichloropropane-d6	6.72	67	132225	4.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.40%
41) Toluene-d8	7.92	98	361660	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	8.20	79	50298	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.65	63	282932	47.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.32%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	109368	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	146039	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

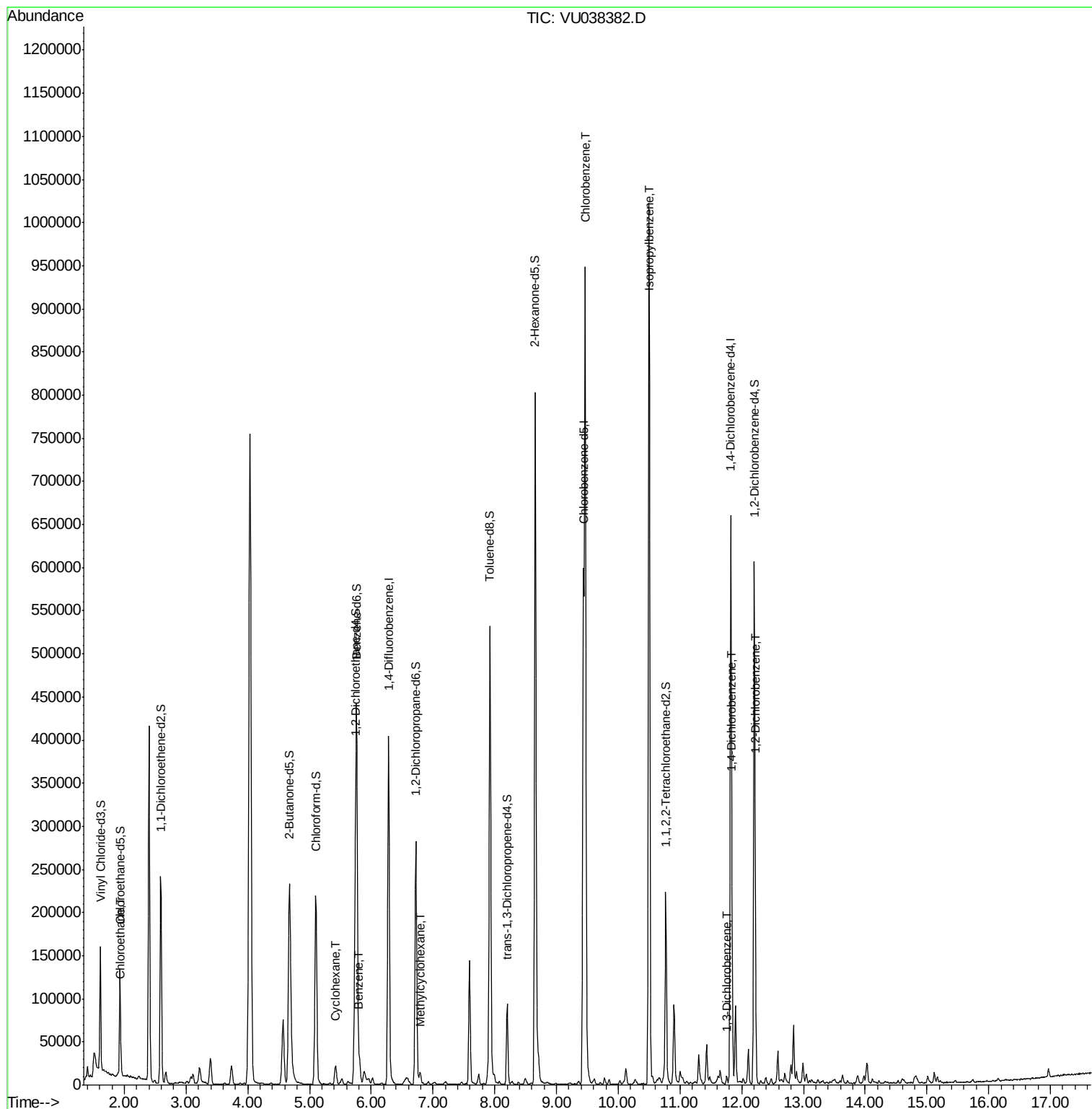
					Qvalue
8) Chloroethane	1.95	64	4532	0.204 ug/L #	69
30) Cyclohexane	5.42	56	10201	0.230 ug/L #	86
33) Benzene	5.81	78	23182	0.221 ug/L	100
35) Methylcyclohexane	6.79	83	5599	0.132 ug/L	90
51) Chlorobenzene	9.47	112	492899	7.164 ug/L	97
56) Isopropylbenzene	10.50	105	664143	5.808 ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	3563	0.067 ug/L	81
63) 1,4-Dichlorobenzene	11.85	146	28219	0.526 ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	19945	0.392 ug/L	96

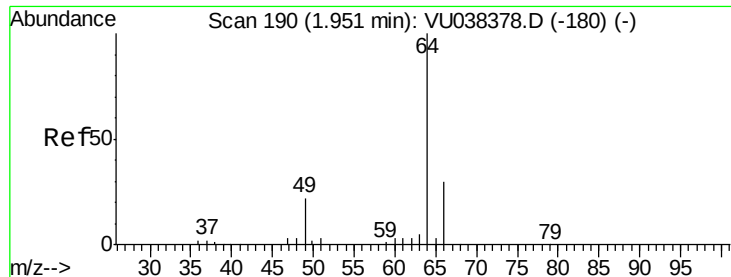
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.204 ug/L

RT: 1.95 min Scan# 190

Delta R.T. -0.00 min

Lab File: VU038382.D

Acq: 29 May 2020 17:42

Instrument :

MSVOA_U

ClientSampleId :

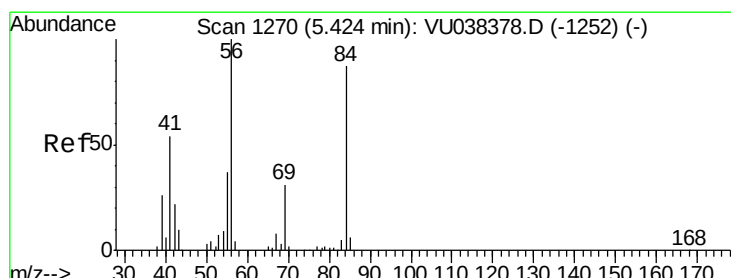
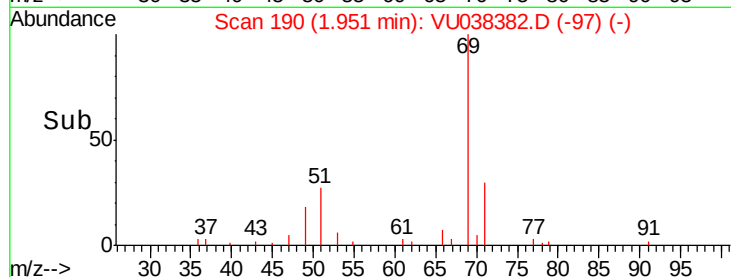
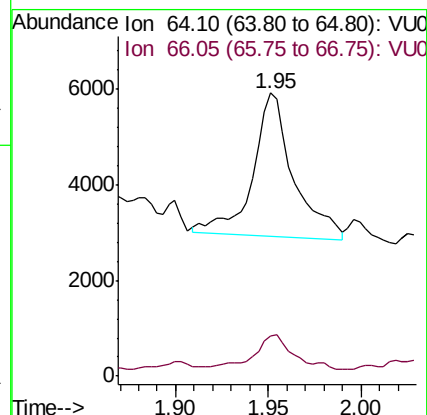
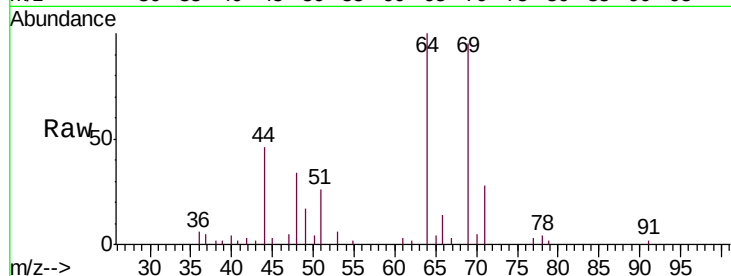
BE4X3DL

Tgt Ion: 64 Resp: 4532

Ion Ratio Lower Upper

64 100

66 14.2 21.8 40.4#



#30

Cyclohexane

Concen: 0.230 ug/L

RT: 5.42 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VU038382.D

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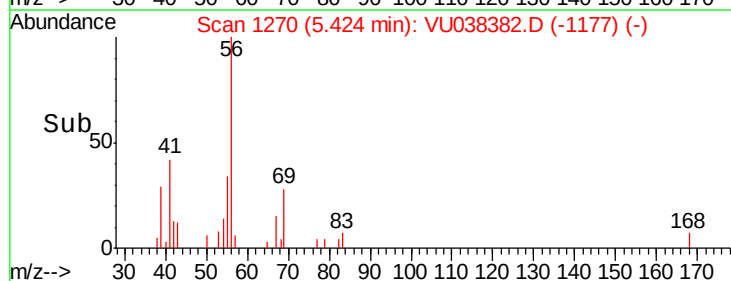
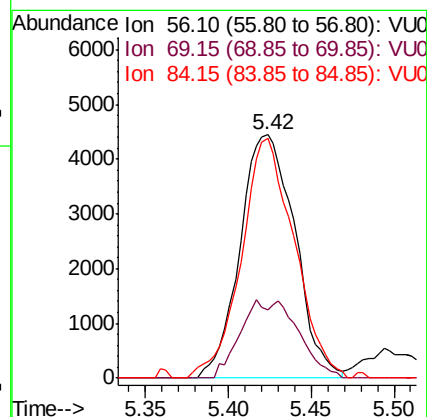
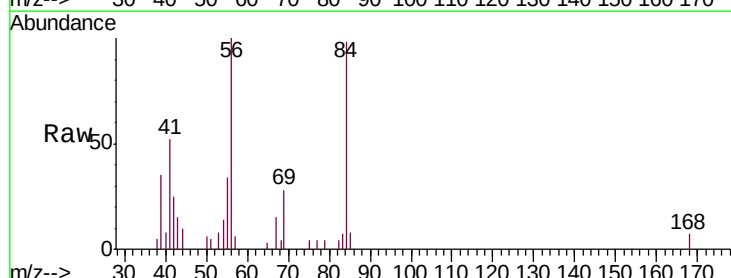
Tgt Ion: 56 Resp: 10201

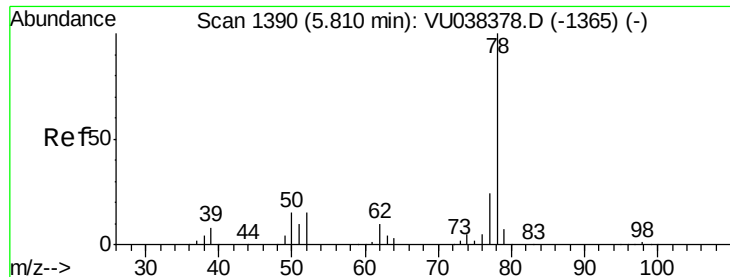
Ion Ratio Lower Upper

56 100

69 16.5 24.2 36.4#

84 94.8 68.5 102.7





#33

Benzene

Concen: 0.221 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU038382.D

Acq: 29 May 2020 17:42

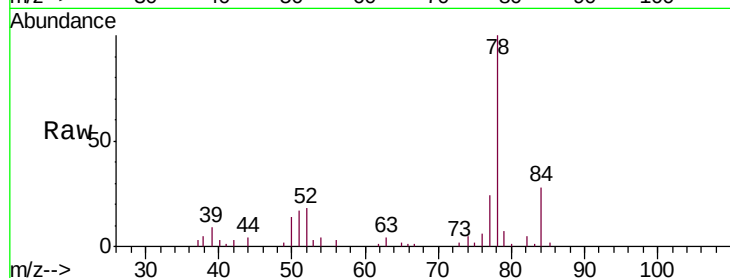
Instrument :

MSVOA_U

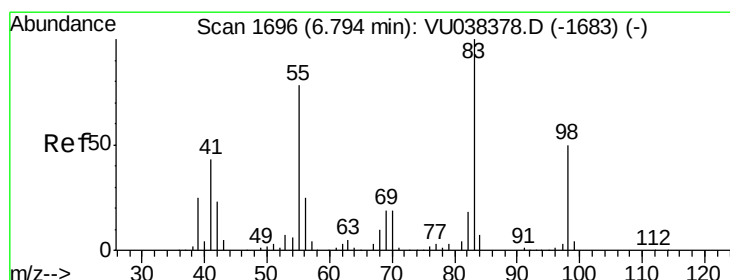
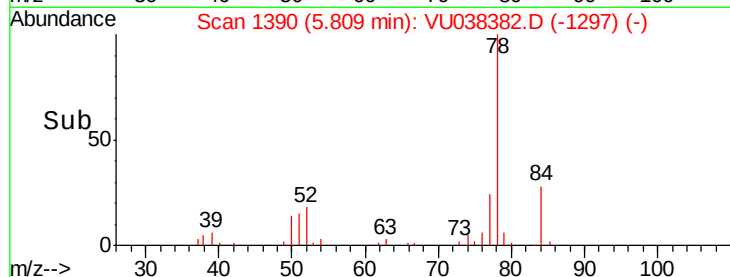
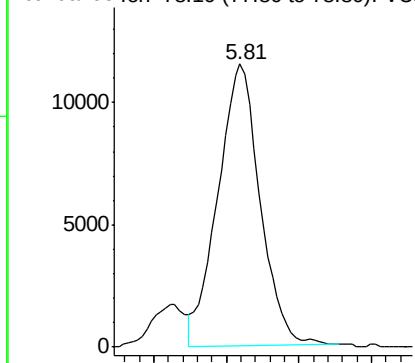
ClientSampleId :

BE4X3DL

Tgt Ion: 78 Resp: 23182



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.132 ug/L

RT: 6.79 min Scan# 1695

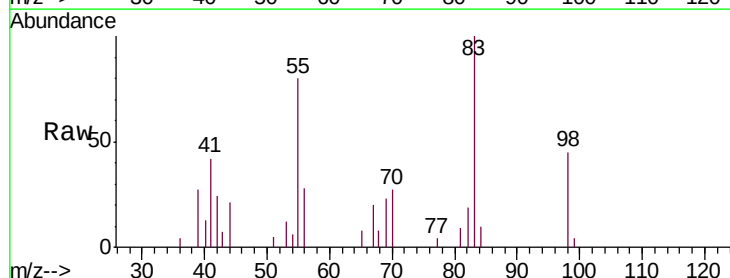
Delta R.T. -0.00 min

Lab File: VU038382.D

Acq: 29 May 2020 17:42

Tgt Ion: 83 Resp: 5599

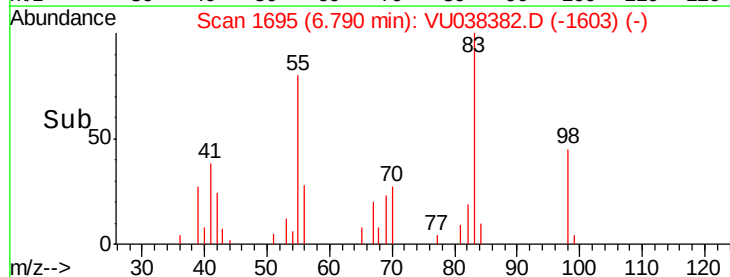
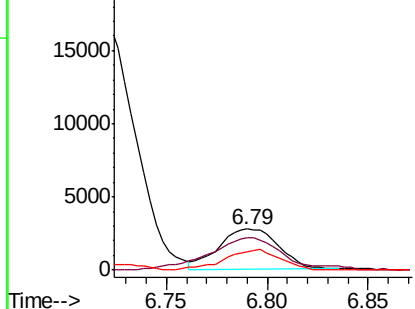
Ion	Ratio	Lower	Upper
83	100		
55	96.9	66.7	100.1
98	47.9	39.4	59.2

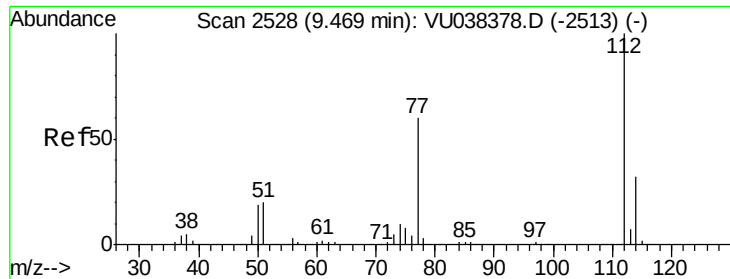


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#51

Chlorobenzene

Concen: 7.164 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU038382.D

Acq: 29 May 2020 17:42

Instrument :

MSVOA_U

ClientSampleId :

BE4X3DL

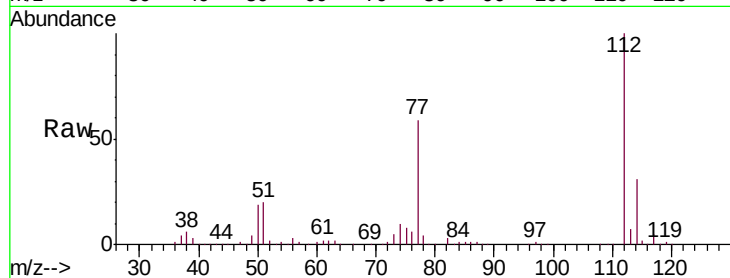
Tgt Ion:112 Resp: 492899

Ion Ratio Lower Upper

112 100

114 31.5 22.5 41.7

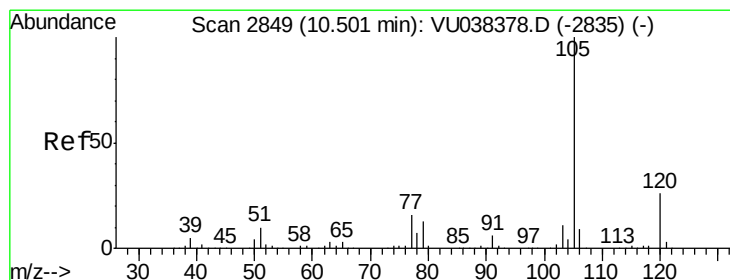
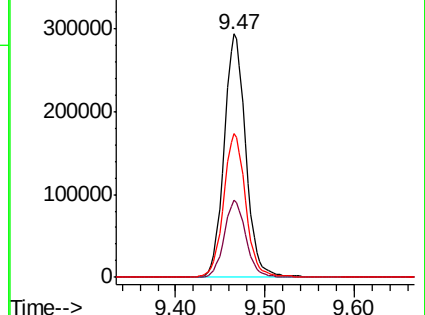
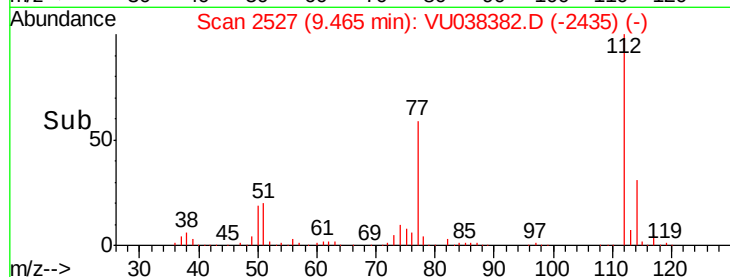
77 59.0 49.9 74.9



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): VU



#56

Isopropylbenzene

Concen: 5.808 ug/L

RT: 10.50 min Scan# 2849

Delta R.T. -0.00 min

Lab File: VU038382.D

Acq: 29 May 2020 17:42

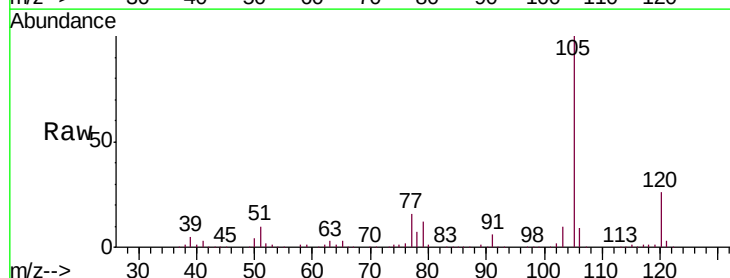
Tgt Ion:105 Resp: 664143

Ion Ratio Lower Upper

105 100

120 25.9 21.0 31.6

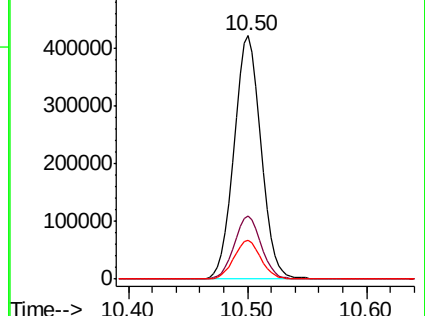
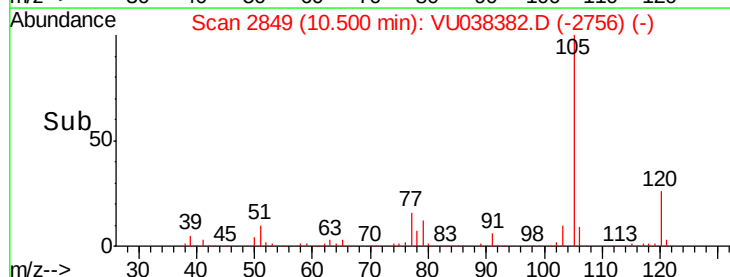
77 15.8 13.0 19.4

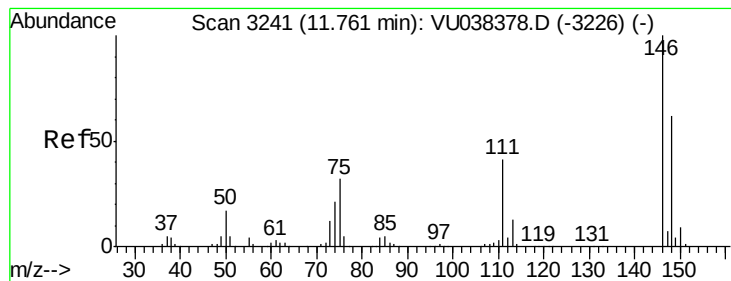


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU





#62

1,3-Dichlorobenzene

Concen: 0.067 ug/L

RT: 11.76 min Scan# 3240

Delta R.T. -0.00 min

Lab File: VU038382.D

Acq: 29 May 2020 17:42

Instrument :

MSVOA_U

ClientSampleId :

BE4X3DL

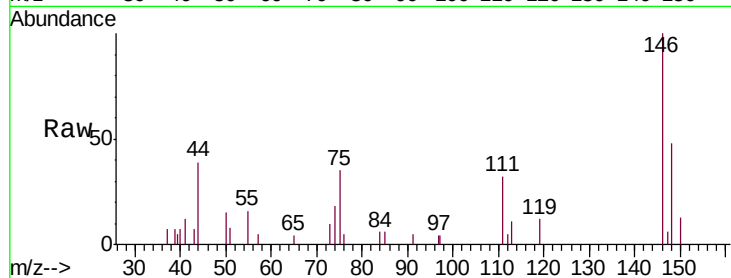
Tgt Ion:146 Resp: 3563

Ion Ratio Lower Upper

146 100

111 31.6 28.6 53.2

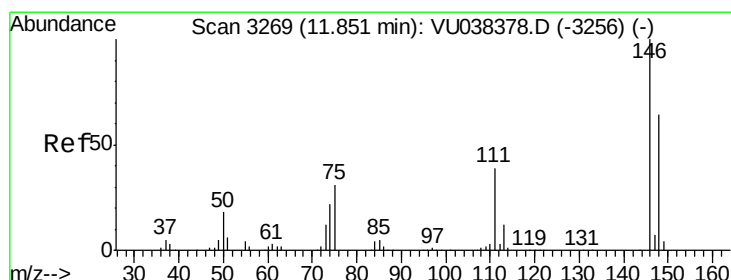
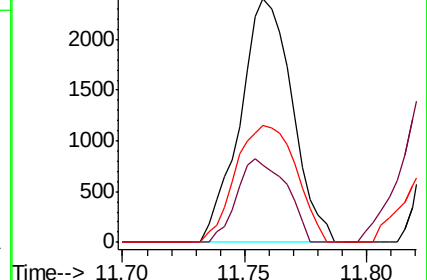
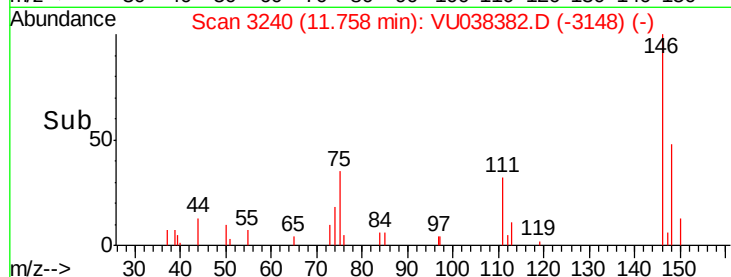
148 48.0 45.2 84.0



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



#63

1,4-Dichlorobenzene

Concen: 0.526 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. -0.00 min

Lab File: VU038382.D

Acq: 29 May 2020 17:42

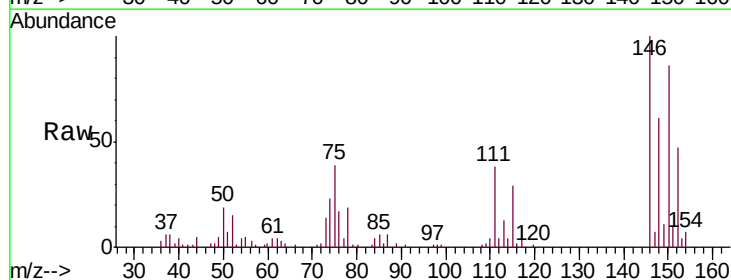
Tgt Ion:146 Resp: 28219

Ion Ratio Lower Upper

146 100

111 38.5 27.2 50.6

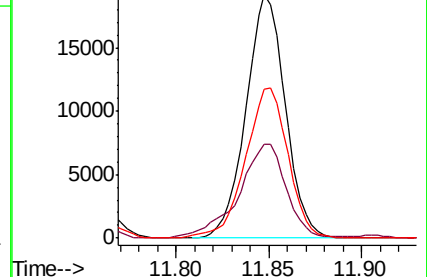
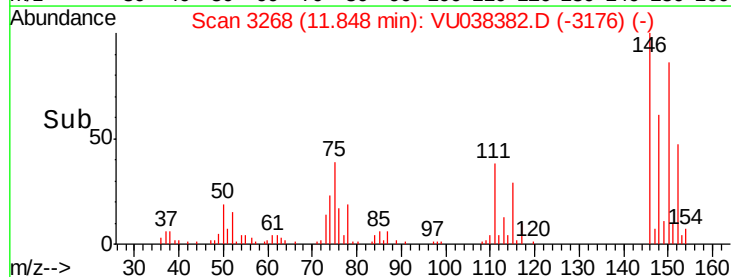
148 61.2 43.8 81.3

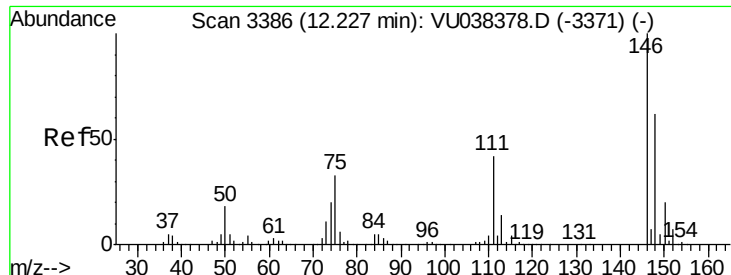


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

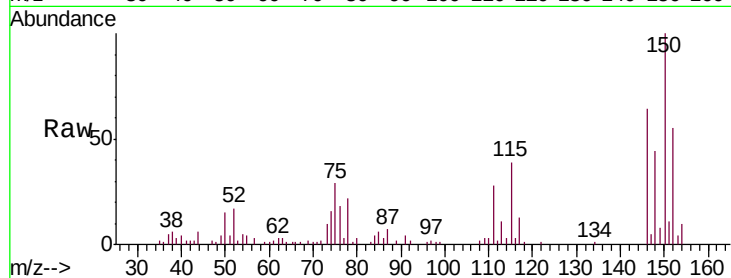




#65
 1,2-Dichlorobenzene
 Concen: 0.392 ug/L
 RT: 12.23 min Scan# 3386
 Delta R.T. -0.00 min
 Lab File: VU038382.D
 Acq: 29 May 2020 17:42

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4X3DL

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.6	35.3	52.9
148	69.2	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

