

Data File : VU038124.D
Acq On : 12 May 2020 15:13
Operator : JC/MD
Sample : L2570-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFSP1

Quant Time: May 13 02:25:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 13 01:13:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	369194	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	360503	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	176982	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	135484	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.93	69	126151	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.59	63	176815	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.68	46	513982	61.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.38%
24) Chloroform-d	5.10	84	236395	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.74	65	143482	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.76	84	511448	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.72	67	168722	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.92	98	447723	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	8.20	79	61680	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.65	63	411062	62.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.66%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	143825	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	171207	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

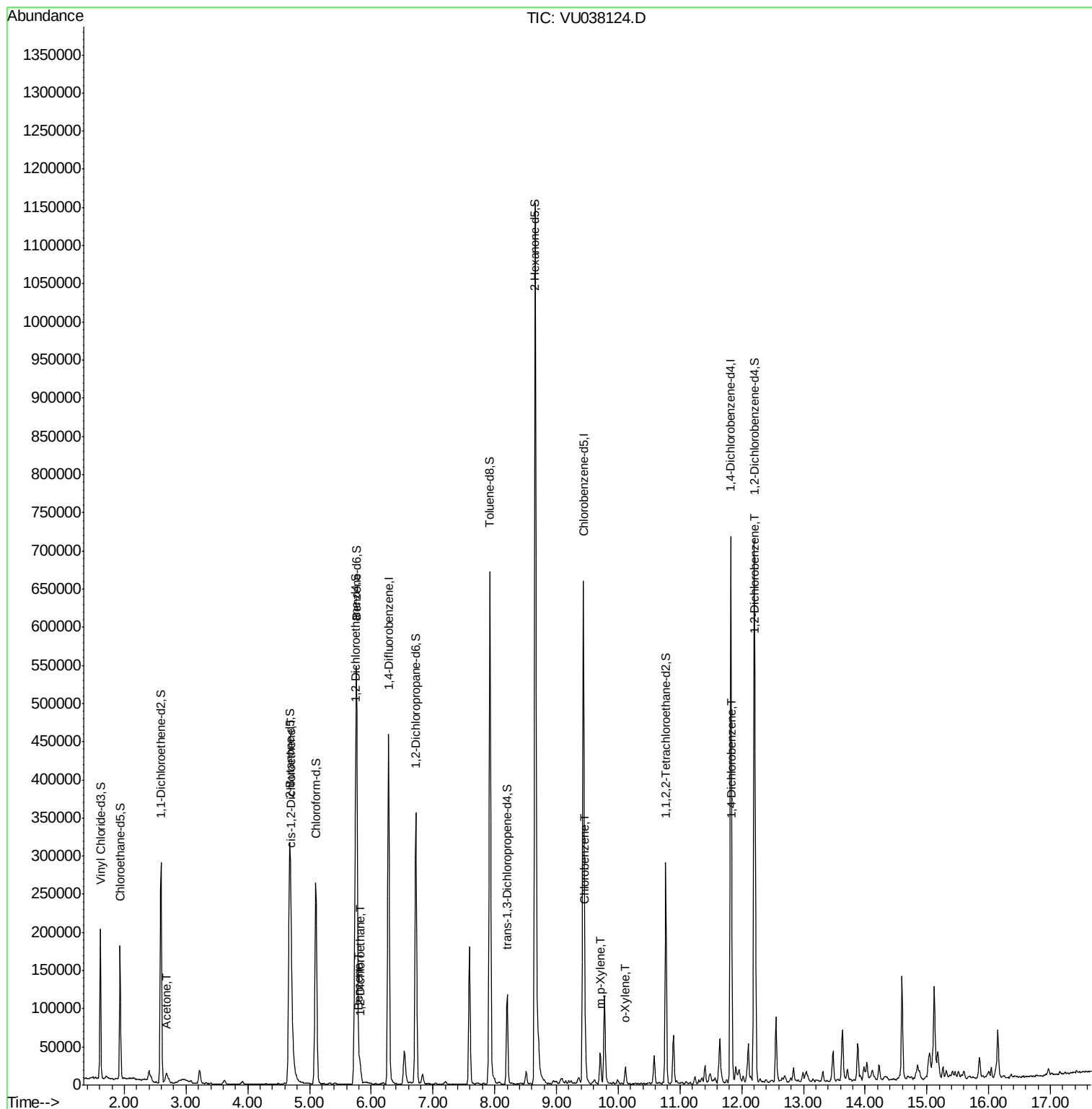
					Qvalue
13) Acetone	2.68	43	28784	5.506	ug/L 99
22) cis-1,2-Dichloroethene	4.71	96	7679	0.255	ug/L 85
27) 1,2-Dichloroethane	5.83	62	9645	0.268	ug/L # 94
33) Benzene	5.81	78	21359	0.185	ug/L 100
51) Chlorobenzene	9.47	112	33551	0.444	ug/L 97
53) m,p-Xylene	9.71	106	11852	0.234	ug/L 95
54) o-Xylene	10.12	106	5752	0.118	ug/L 78
63) 1,4-Dichlorobenzene	11.85	146	5564	0.095	ug/L 93
65) 1,2-Dichlorobenzene	12.22	146	56166	1.014	ug/L 97

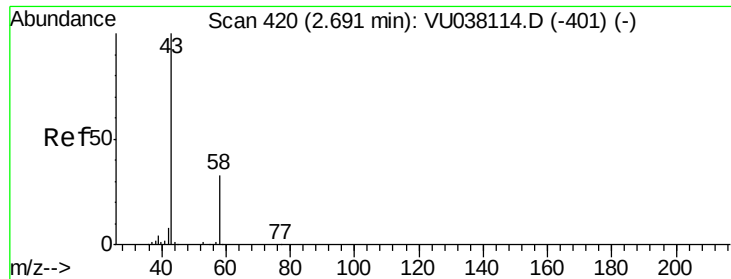
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.506 ug/L

RT: 2.68 min Scan# 417

Delta R.T. -0.01 min

Lab File: VU038124.D

Acq: 12 May 2020 15:13

Instrument :

MSVOA_U

ClientSampleId :

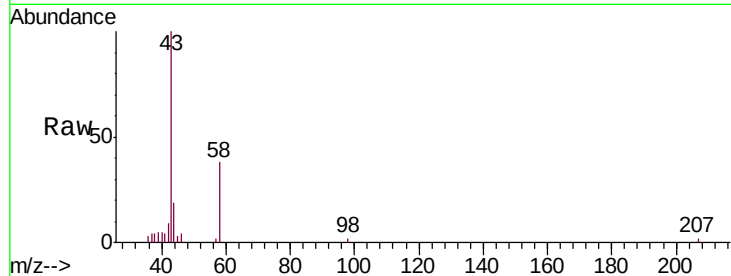
BFSP1

Tgt Ion: 43 Resp: 28784

Ion Ratio Lower Upper

43 100

58 31.0 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038114.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU038114.D (-401) (-)

2.68

8000

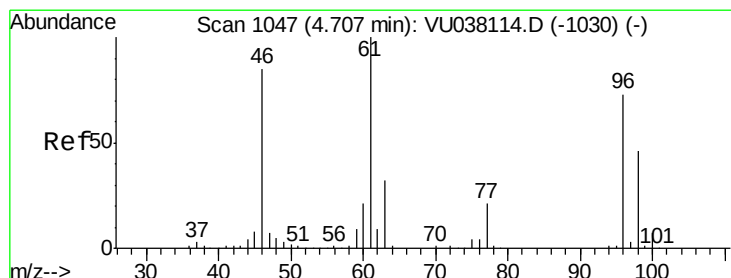
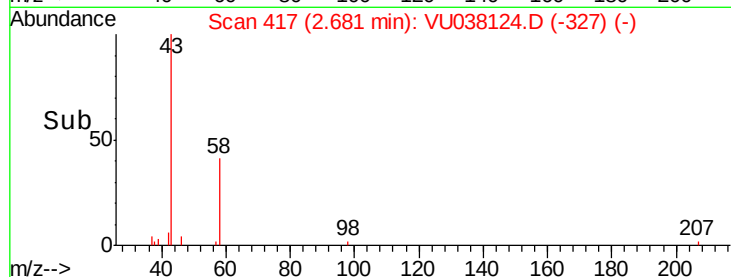
6000

4000

2000

0

Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.255 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU038124.D

Acq: 12 May 2020 15:13

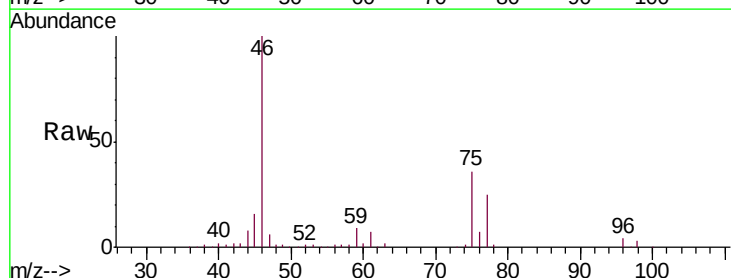
Tgt Ion: 96 Resp: 7679

Ion Ratio Lower Upper

96 100

61 154.6 95.3 176.9

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038114.D (-1030) (-)

Ion 61.05 (60.75 to 61.75): VU038114.D (-1030) (-)

Ion 68.15 (67.85 to 68.85): VU038114.D (-1030) (-)

4.71

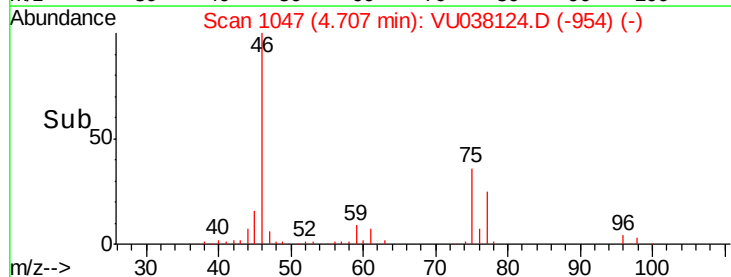
6000

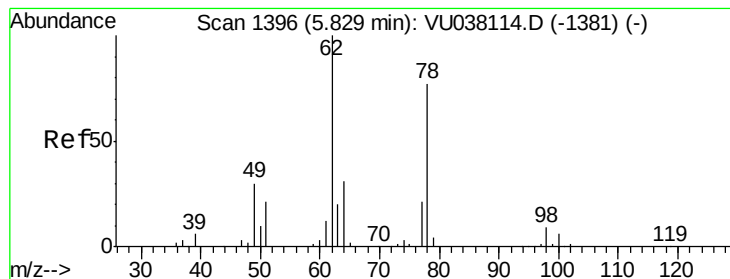
4000

2000

0

Time-->





#27

1,2-Dichloroethane

Concen: 0.268 ug/L

RT: 5.83 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VU038124.D

Acq: 12 May 2020 15:13

Instrument :

MSVOA_U

ClientSampleId :

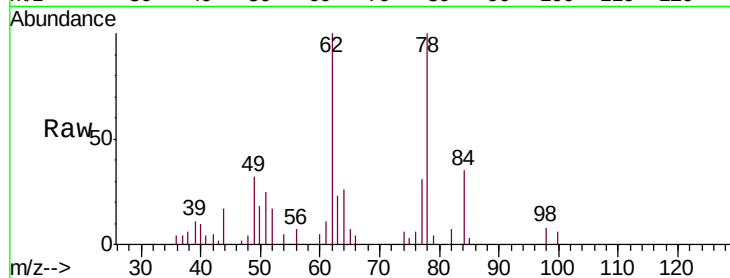
BFSP1

Tgt Ion: 62 Resp: 9645

Ion Ratio Lower Upper

62 100

98 7.5 7.8 11.8#

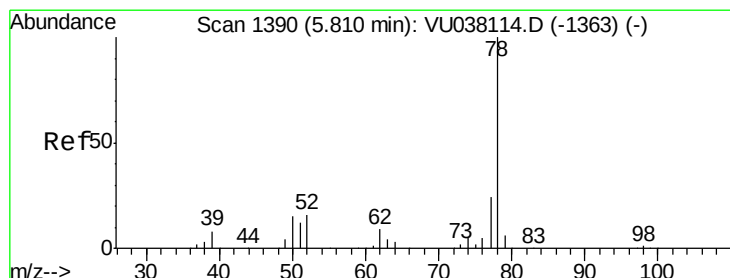
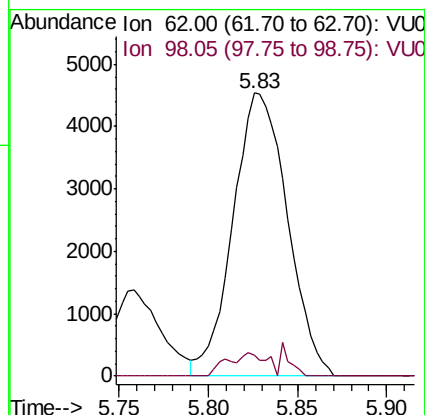
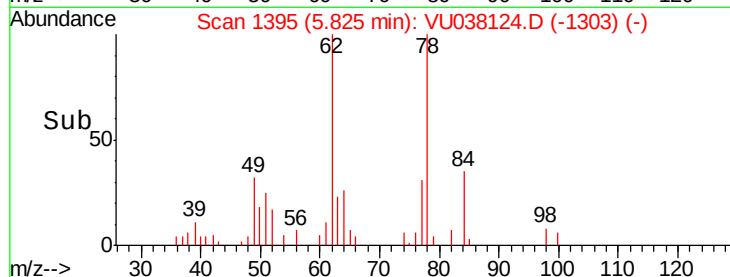


Abundance Ion 62.00 (61.70 to 62.70): VU038114.D (-1381) (-)

Ion 98.05 (97.75 to 98.75): VU038114.D (-1381) (-)

5.83

Time-->



#33

Benzene

Concen: 0.185 ug/L

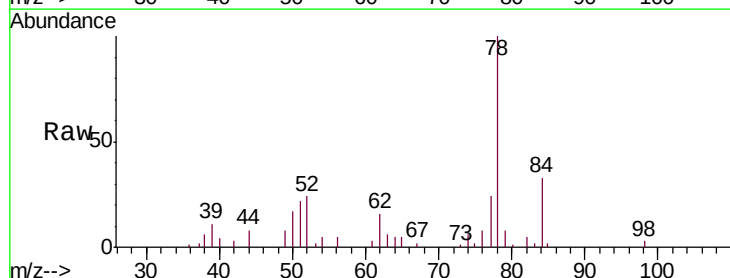
RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU038124.D

Acq: 12 May 2020 15:13

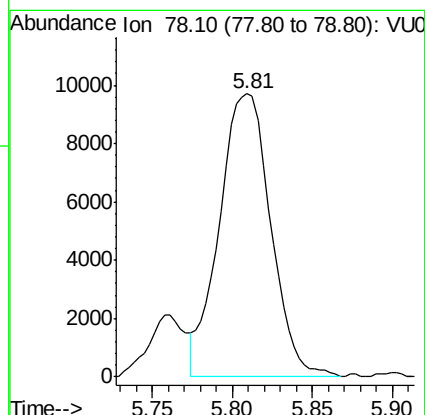
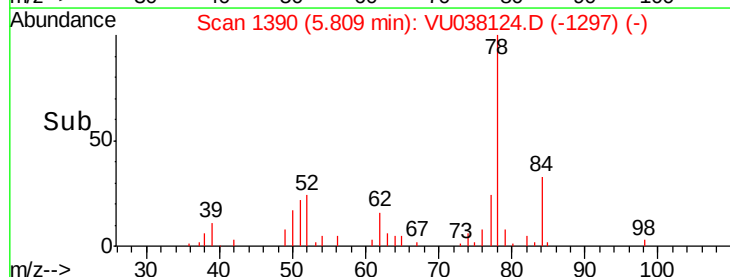
Tgt Ion: 78 Resp: 21359

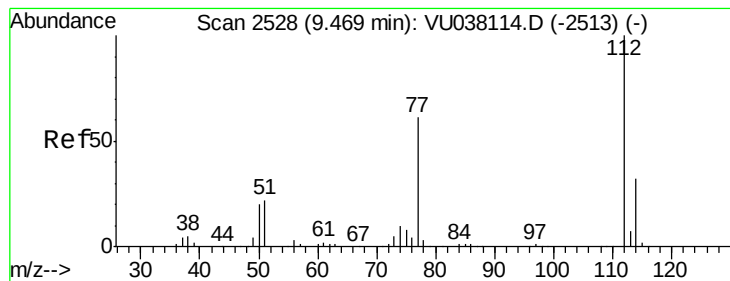


Abundance Ion 78.10 (77.80 to 78.80): VU038114.D (-1363) (-)

5.81

Time-->





#51

Chlorobenzene

Concen: 0.444 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU038124.D

Acq: 12 May 2020 15:13

Instrument :

MSVOA_U

ClientSampleId :

BFSP1

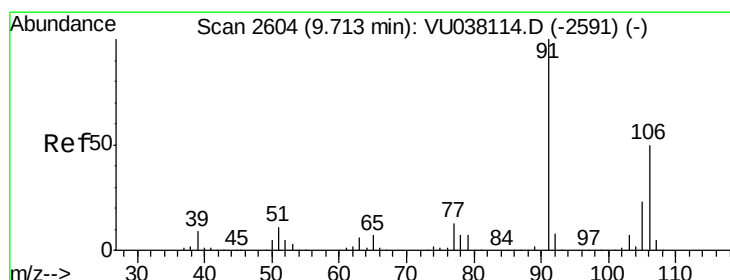
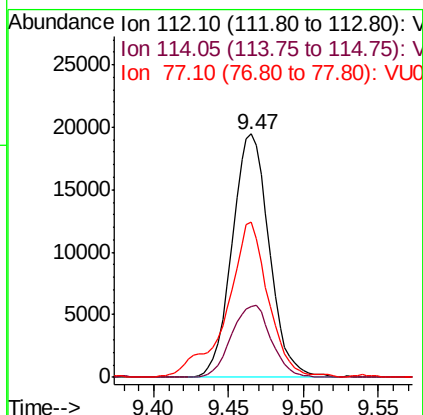
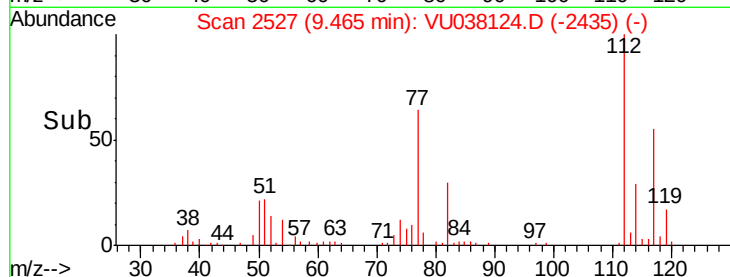
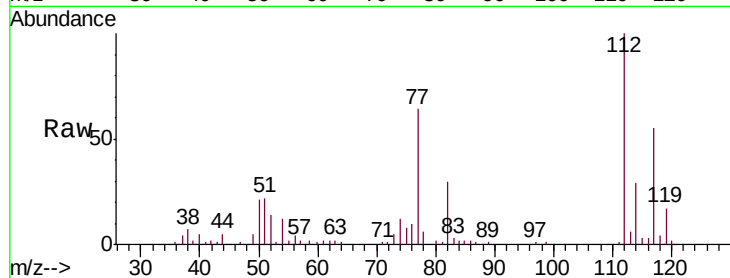
Tgt Ion:112 Resp: 33551

Ion Ratio Lower Upper

112 100

114 29.3 22.5 41.7

77 63.6 49.9 74.9



#53

m,p-Xylene

Concen: 0.234 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VU038124.D

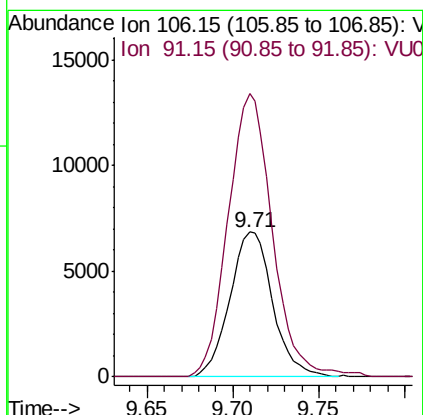
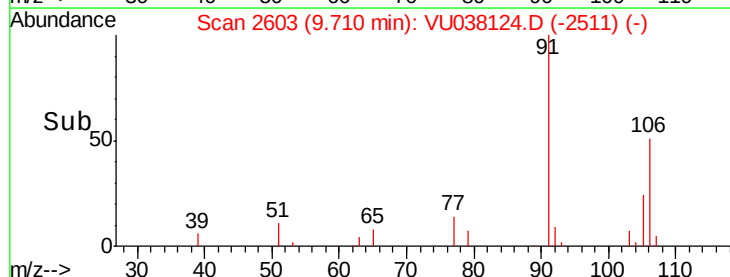
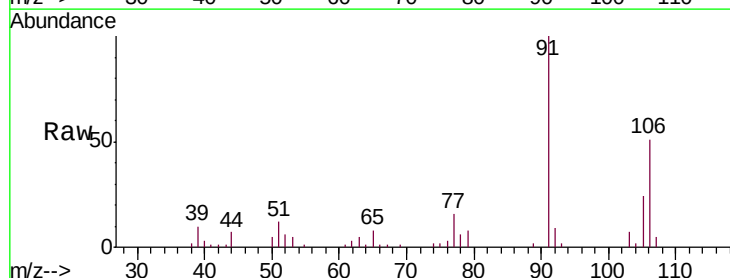
Acq: 12 May 2020 15:13

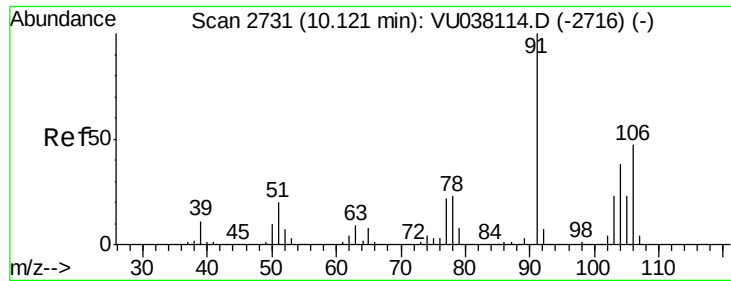
Tgt Ion:106 Resp: 11852

Ion Ratio Lower Upper

106 100

91 195.6 142.1 263.9

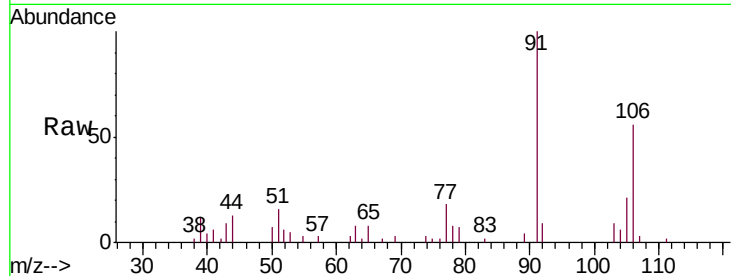




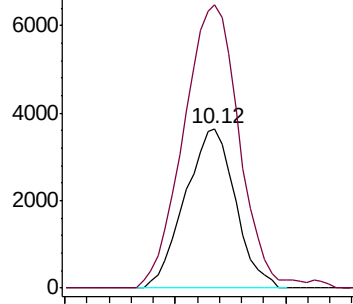
#54
o-Xylene
Concen: 0.118 ug/L
RT: 10.12 min Scan# 2730
Delta R.T. -0.00 min
Lab File: VU038124.D
Acq: 12 May 2020 15:13

Instrument :
MSVOA_U
ClientSampleId :
BFSP1

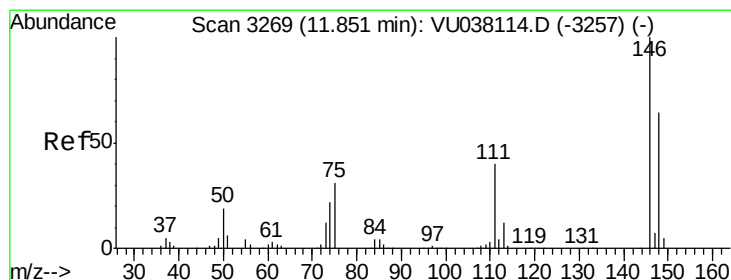
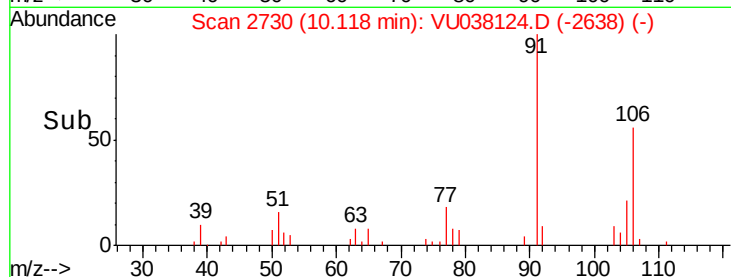
Tgt Ion:106 Resp: 5752
Ion Ratio Lower Upper
106 100
91 177.4 148.5 275.9



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

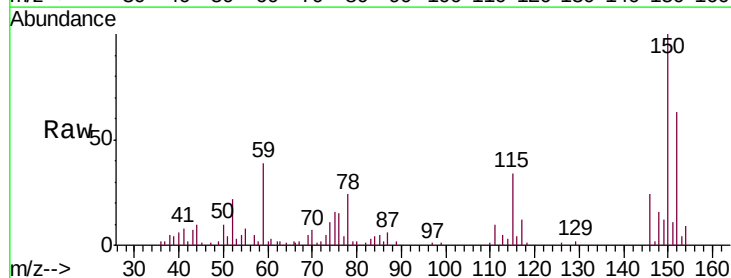


Time--> 10.05 10.10 10.15

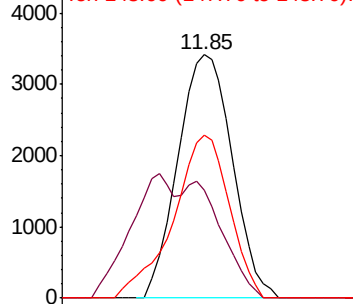


#63
1,4-Dichlorobenzene
Concen: 0.095 ug/L
RT: 11.85 min Scan# 3268
Delta R.T. -0.00 min
Lab File: VU038124.D
Acq: 12 May 2020 15:13

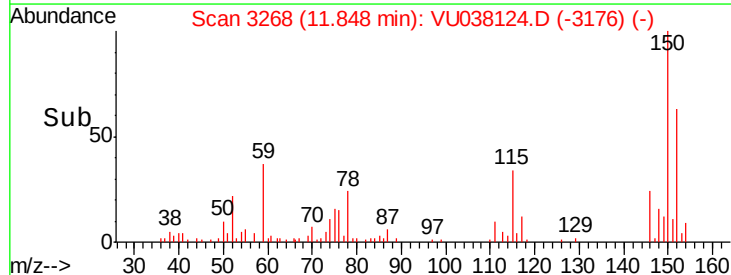
Tgt Ion:146 Resp: 5564
Ion Ratio Lower Upper
146 100
111 44.2 27.2 50.6
148 67.1 43.8 81.3

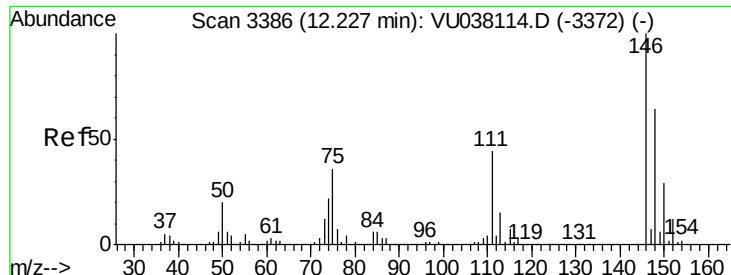


Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



Time--> 11.80 11.85 11.90





#65
 1,2-Dichlorobenzene
 Concen: 1.014 ug/L
 RT: 12.22 min Scan# 3385
 Delta R.T. -0.00 min
 Lab File: VU038124.D
 Acq: 12 May 2020 15:13

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSP1

Tgt Ion	Resp	Lower	Upper
146	56166		
111	41.2	35.3	52.9
148	62.7	51.0	76.4

