

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051220\
 Data File : VU038127.D
 Acq On : 12 May 2020 16:22
 Operator : JC/MD
 Sample : L2570-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSP4

Manual Integrations
 APPROVED

MMDadoda
 5/13/2020 11:47:05 AM

Quant Time: May 13 03:02:13 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	364102	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	354470	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	174258	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	137944	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.93	69	124980	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.59	63	177844	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.68	46	506084	61.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.18%
24) Chloroform-d	5.10	84	237198	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.74	65	144149	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.76	84	517628	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.72	67	168942	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.92	98	453766	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	8.20	79	62782	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.65	63	402833	62.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.24%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	140913	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	171467	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.69	43	30097m	5.838	ug/L	
22) cis-1,2-Dichloroethene	4.71	96	6006	0.202	ug/L	90
27) 1,2-Dichloroethane	5.83	62	7328	0.207	ug/L	96
33) Benzene	5.81	78	15629	0.138	ug/L	100
51) Chlorobenzene	9.47	112	24181	0.325	ug/L	94
53) m,p-Xylene	9.71	106	7956	0.160	ug/L	99
54) o-Xylene	10.11	106	4160	0.086	ug/L	91
63) 1,4-Dichlorobenzene	11.85	146	4497	0.078	ug/L	95
65) 1,2-Dichlorobenzene	12.22	146	44108	0.809	ug/L	98

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

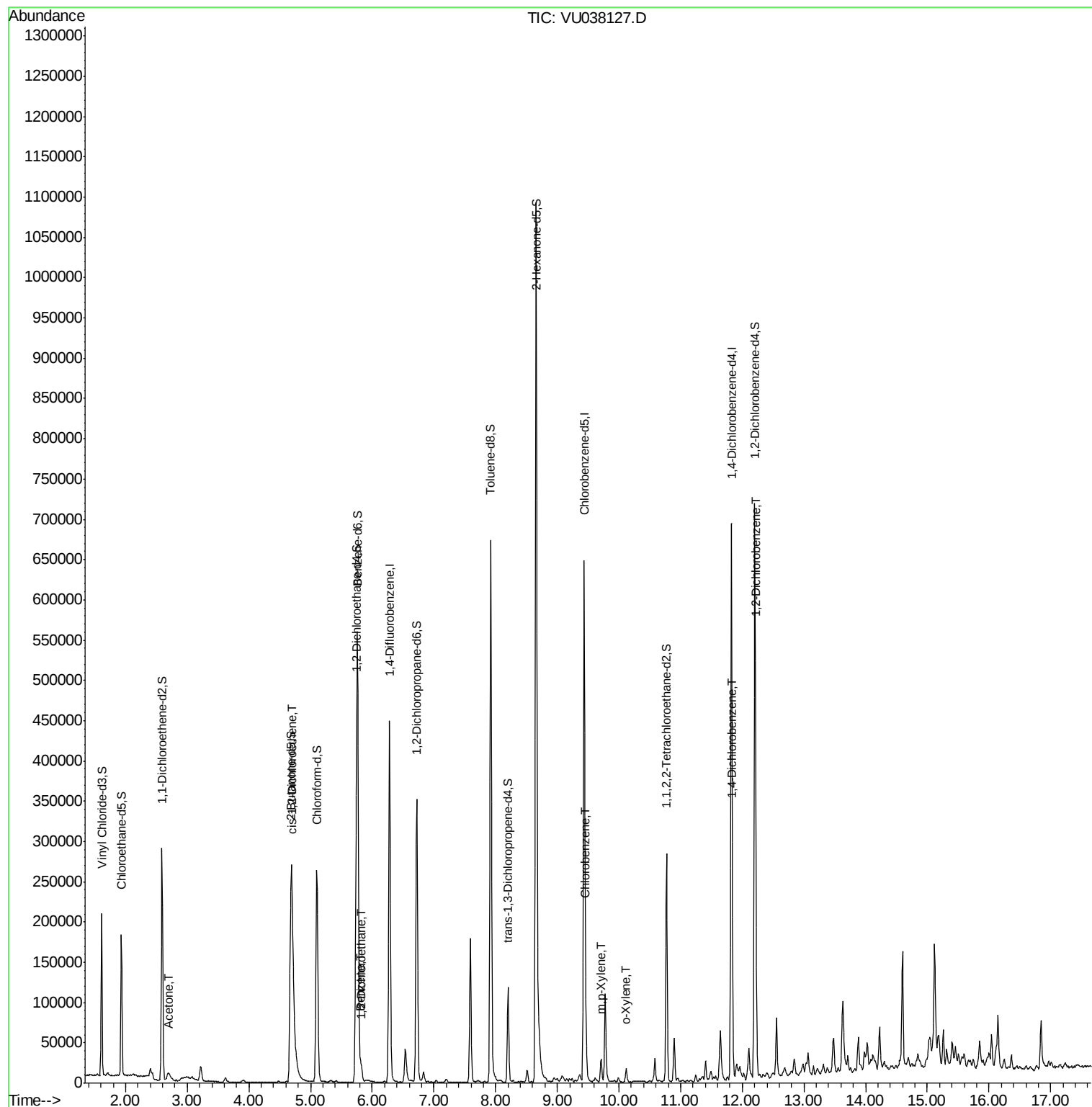
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU051220\
Data File : VU038127.D
Acq On : 12 May 2020 16:22
Operator : JC/MD
Sample : L2570-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

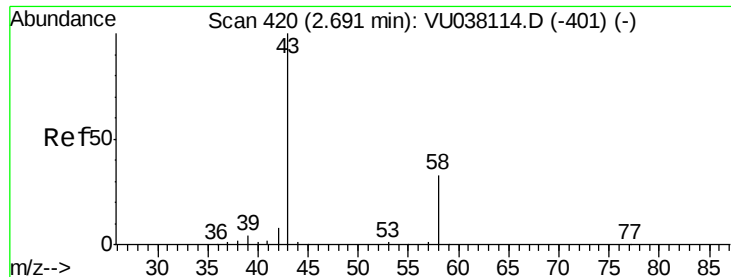
Instrument :
MSVOA_U
ClientSampleId :
BFSP4

Manual Integrations
APPROVED

MMDadoda
5/13/2020 11:47:05 AM

Quant Time: May 13 03:02:13 2020
Quant Method : Z:\V0ASRV\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





#13

Acetone

Concen: 5.838 ug/L m

RT: 2.69 min Scan# 420

Delta R.T. -0.00 min

Lab File: VU038127.D

Acq: 12 May 2020 16:22

Instrument :

MSVOA_U

ClientSampleId :

BFSP4

Tot Ion: 43 Resp: 30097

Ion Ratio Lower Upper

43 100

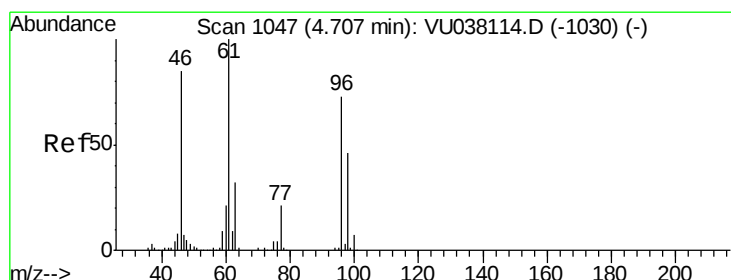
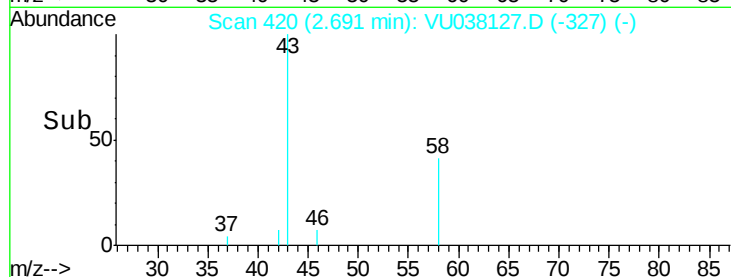
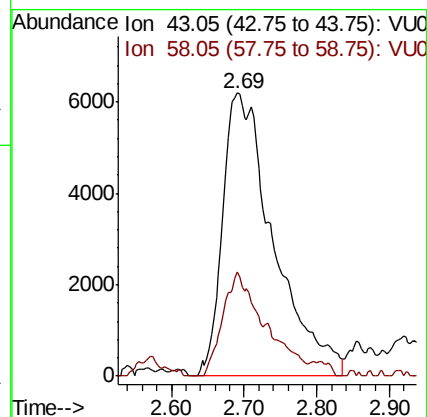
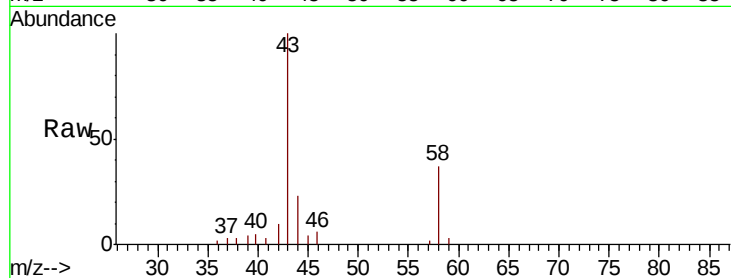
58 30.4 0.0 63.6

Manual Integrations

APPROVED

MMDadoda

5/13/2020 11:47:05 AM



#22

cis-1,2-Dichloroethene

Concen: 0.202 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU038127.D

Acq: 12 May 2020 16:22

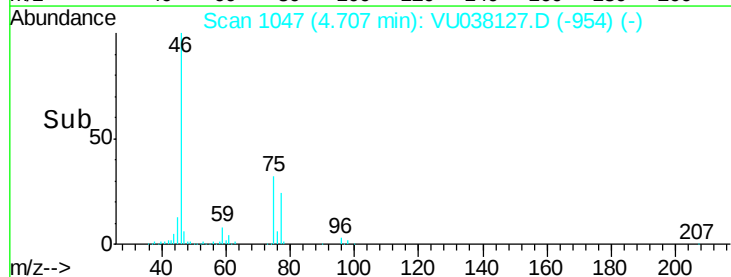
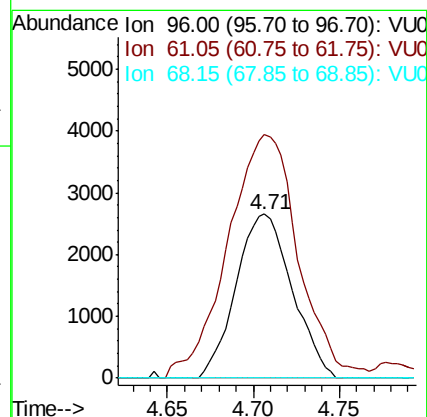
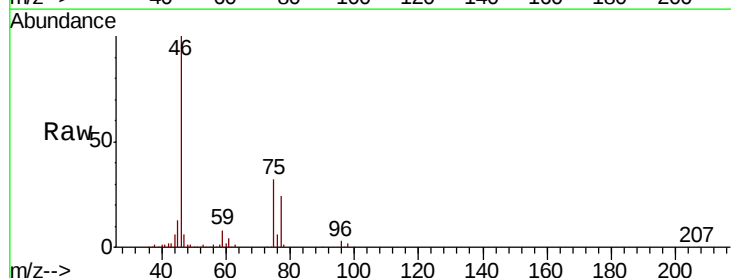
Tgt Ion: 96 Resp: 6006

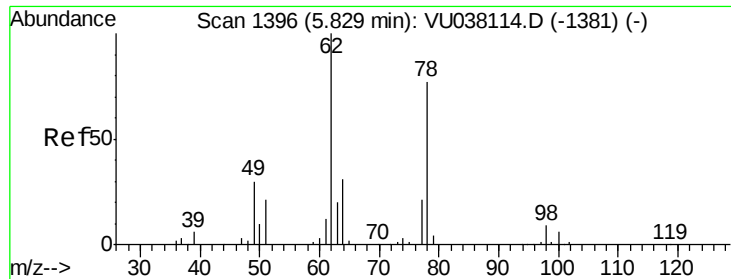
Ion Ratio Lower Upper

96 100

61 148.3 95.3 176.9

68 0.0 0.0 0.0





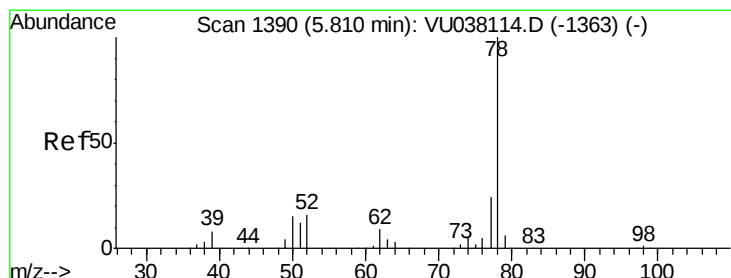
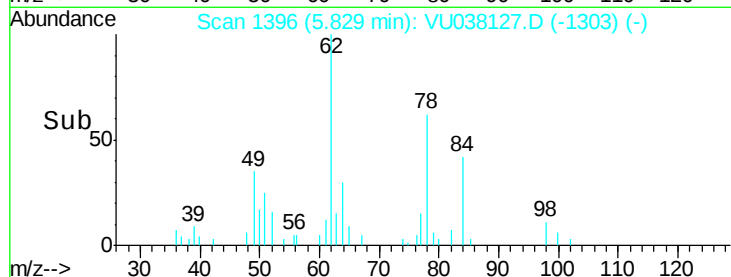
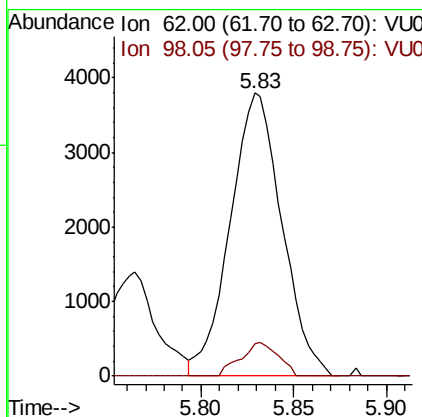
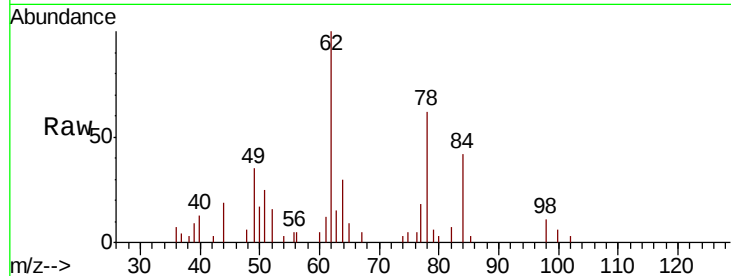
#27
 1,2-Dichloroethane
 Concen: 0.207 ug/L
 RT: 5.83 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VU038127.D
 Acq: 12 May 2020 16:22

Instrument :
 MSVOA_U
 ClientSampled :
 BFSP4

Tot Ion	Ratio	Lower	Upper
62	100		
98	11.3	7.8	11.8

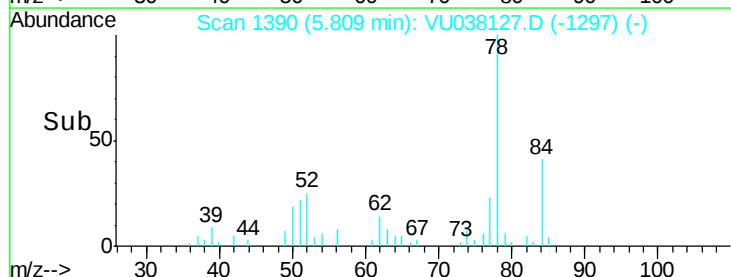
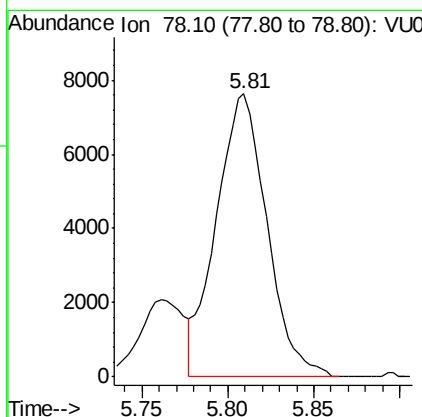
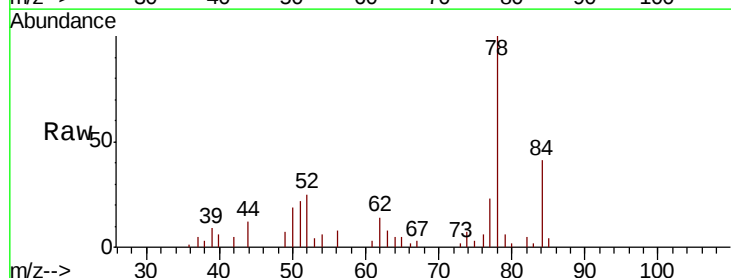
Manual Integrations
 APPROVED

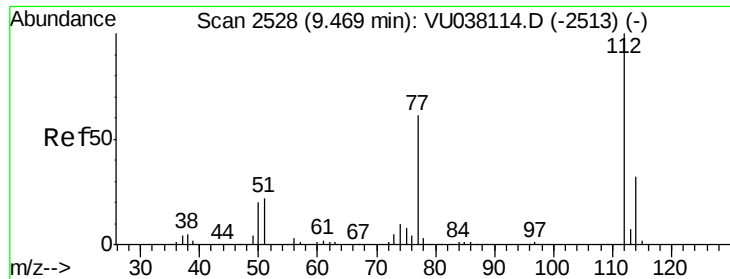
MMDadoda
 5/13/2020 11:47:05 AM



#33
 Benzene
 Concen: 0.138 ug/L
 RT: 5.81 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: VU038127.D
 Acq: 12 May 2020 16:22

Tgt Ion: 78 Resp: 15629





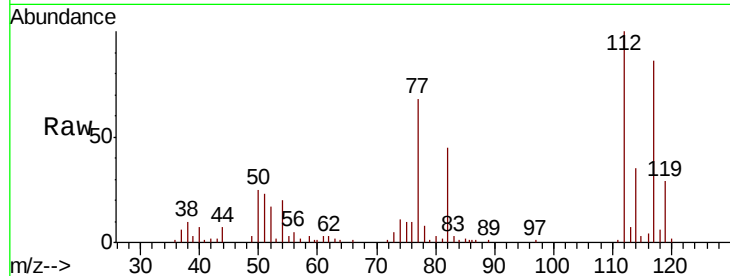
#51
Chlorobenzene
Concen: 0.325 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU038127.D
Acq: 12 May 2020 16:22

Instrument :
MSVOA_U
ClientSampled :
BFSP4

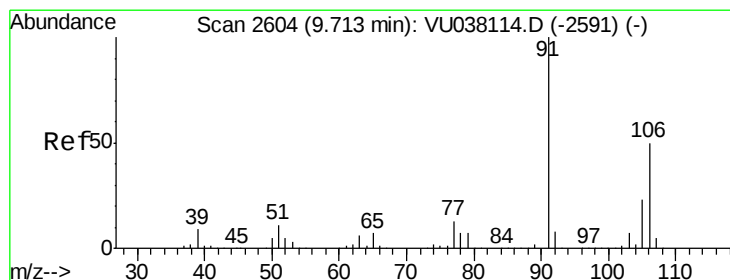
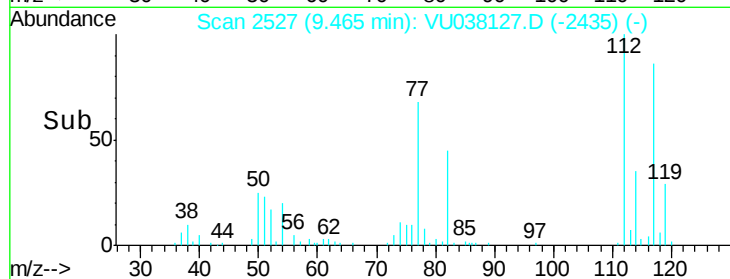
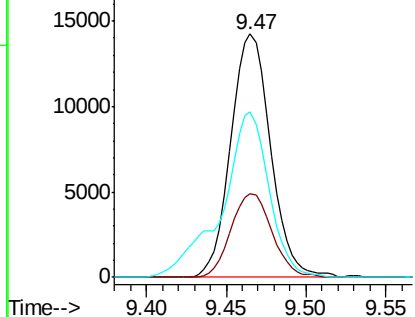
Tot Ion:	112	Resp:	24181
Ion Ratio	Lower	Upper	
112	100		
114	34.6	22.5	41.7
77	67.9	49.9	74.9

Manual Integrations
APPROVED

MMDadoda
5/13/2020 11:47:05 AM

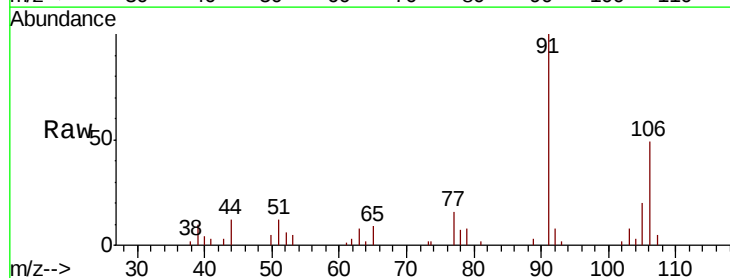


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V

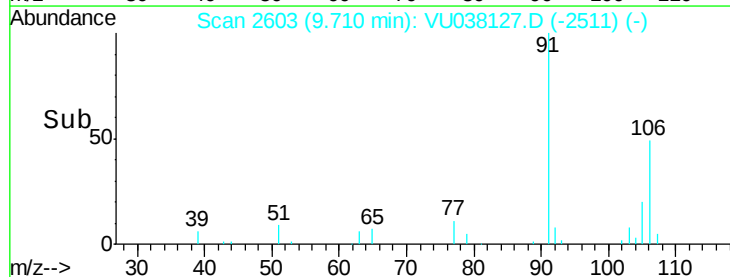
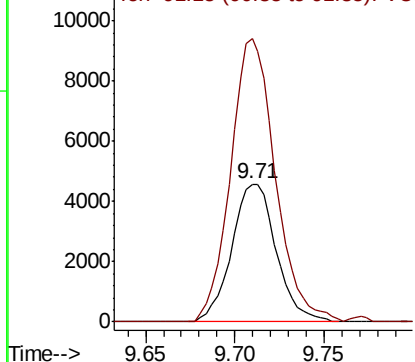


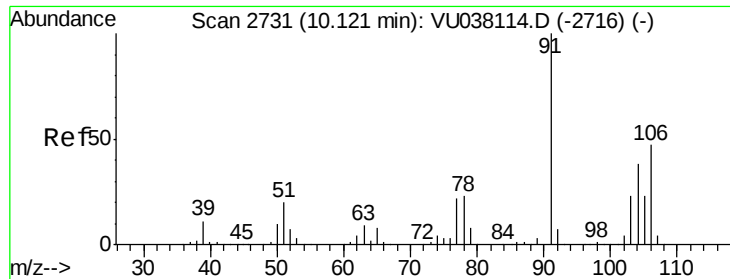
#53
m,p-Xylene
Concen: 0.160 ug/L
RT: 9.71 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VU038127.D
Acq: 12 May 2020 16:22

Tgt Ion:	106	Resp:	7956
Ion Ratio	Lower	Upper	
106	100		
91	205.1	142.1	263.9



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





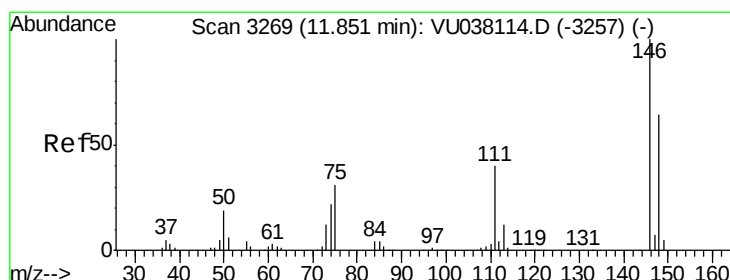
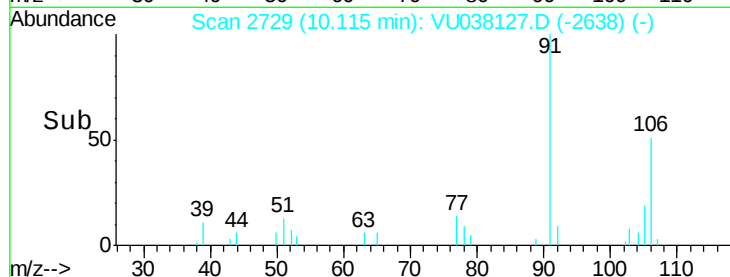
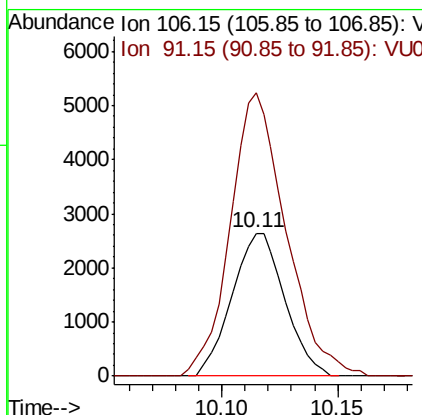
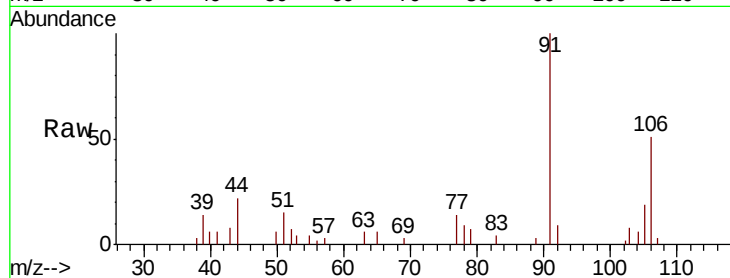
#54
o-Xylene
Concen: 0.086 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.01 min
Lab File: VU038127.D
Acq: 12 May 2020 16:22

Instrument :
MSVOA_U
ClientSampleId :
BFSP4

Tot Ion:106 Resp: 4160
Ion Ratio Lower Upper
106 100
91 197.7 148.5 275.9

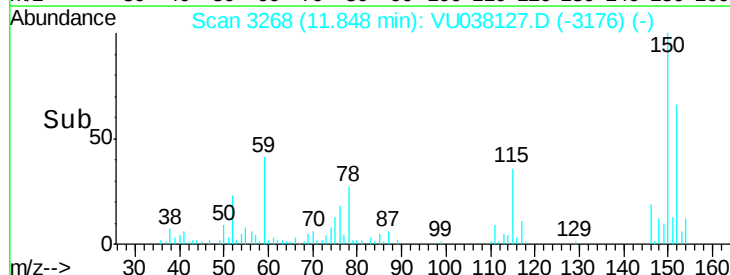
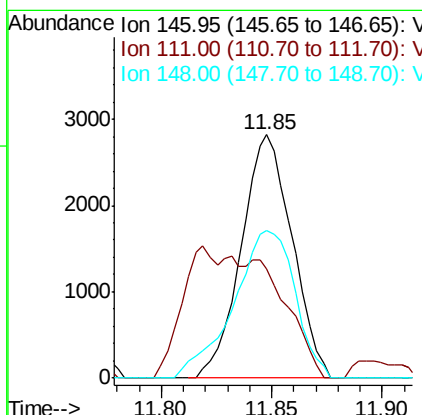
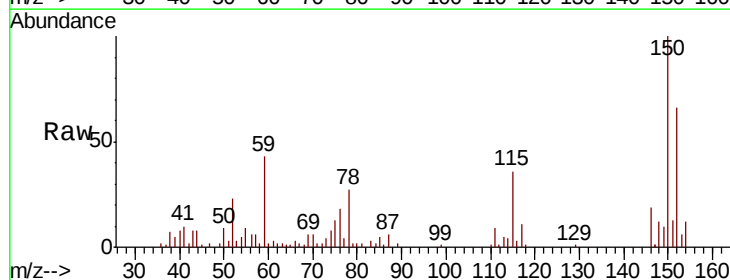
Manual Integrations
APPROVED

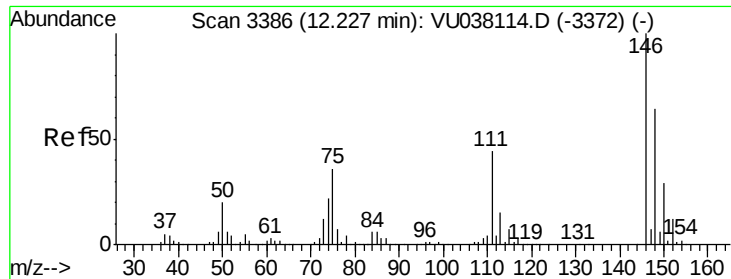
MMDadoda
5/13/2020 11:47:05 AM



#63
1,4-Dichlorobenzene
Concen: 0.078 ug/L
RT: 11.85 min Scan# 3268
Delta R.T. -0.00 min
Lab File: VU038127.D
Acq: 12 May 2020 16:22

Tgt Ion:146 Resp: 4497
Ion Ratio Lower Upper
146 100
111 44.8 27.2 50.6
148 60.7 43.8 81.3





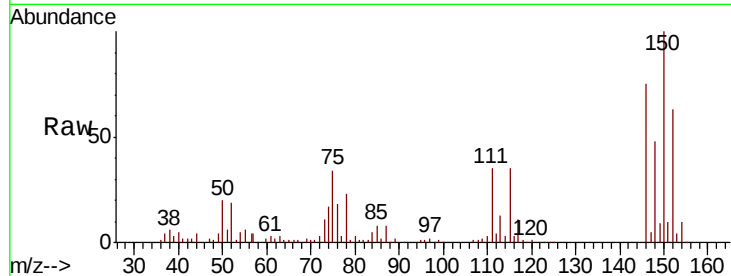
#65
 1,2-Dichlorobenzene
 Concen: 0.809 ug/L
 RT: 12.22 min Scan# 3385
 Delta R.T. -0.00 min
 Lab File: VU038127.D
 Acq: 12 May 2020 16:22

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSP4

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.5	35.3	52.9
148	64.3	51.0	76.4

Manual Integrations
 APPROVED

MMDadoda
 5/13/2020 11:47:05 AM



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

