

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051220\
 Data File : VU038127.D
 Acq On : 12 May 2020 16:22
 Operator : JC/MD
 Sample : L2570-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 13 01:16:22 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

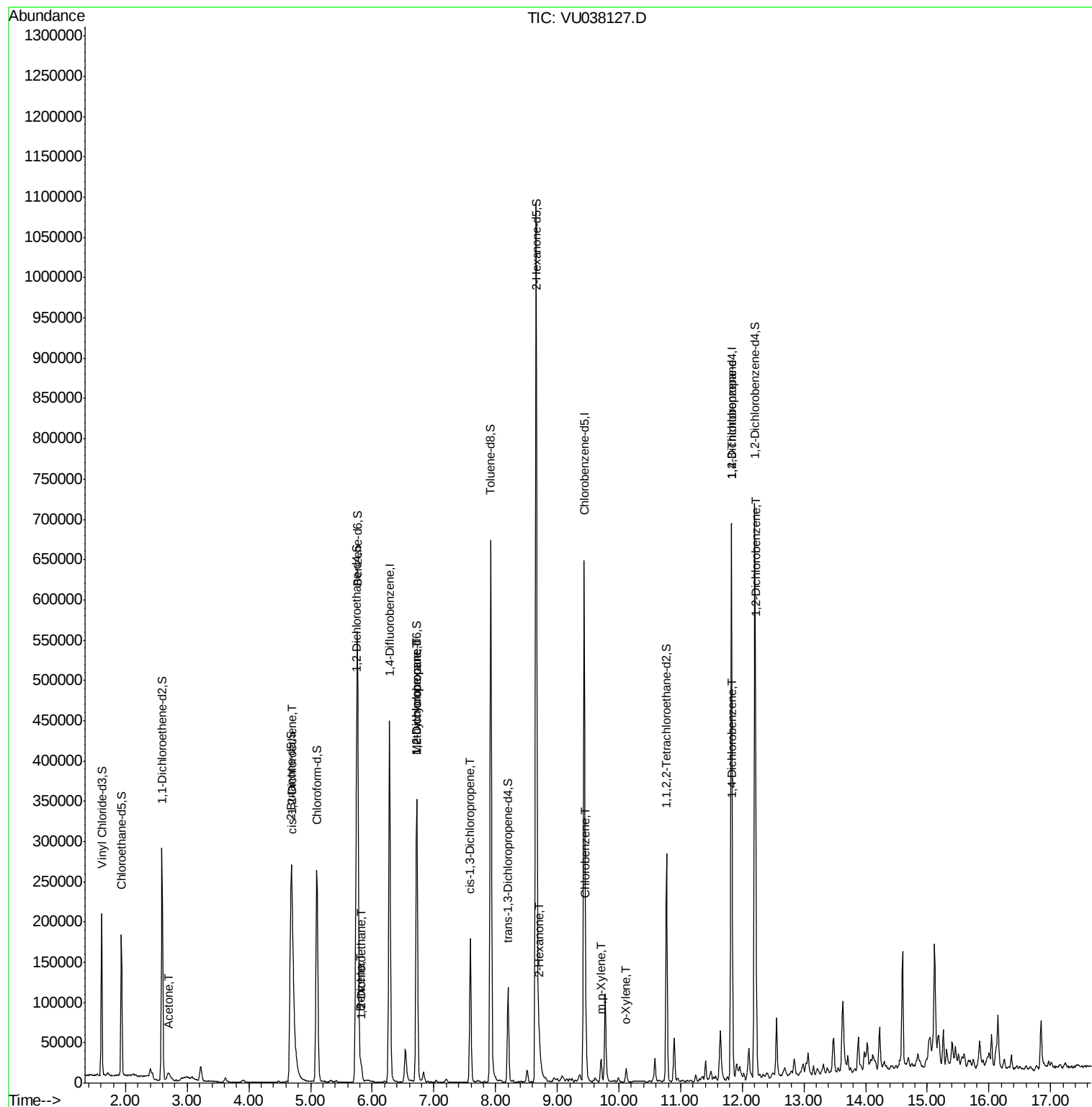
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.69	43	13796	2.676	ug/L #	38
22) cis-1,2-Dichloroethene	4.71	96	6006	0.202	ug/L	90
27) 1,2-Dichloroethane	5.83	62	7328	0.207	ug/L	96
33) Benzene	5.81	78	15629	0.138	ug/L	100
35) Methylcyclohexane	6.72	83	37389	0.813	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	17143	0.556	ug/L #	90
39) cis-1,3-Dichloropropene	7.59	75	4228	0.096	ug/L #	72
48) 2-Hexanone	8.71	43	30029	1.919	ug/L #	96
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
59) 1,2,3-Trichloropropane	11.83	75	24740	1.196	ug/L	97
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

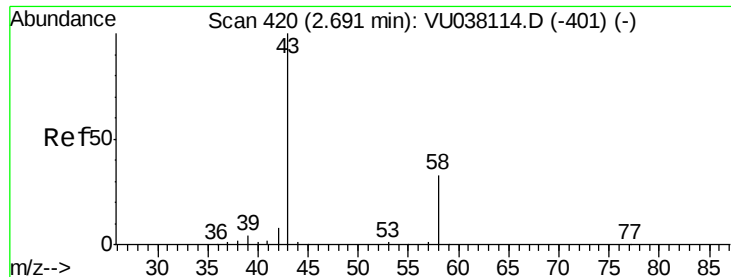
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU051220\
Data File : VU038127.D
Acq On : 12 May 2020 16:22
Operator : JC/MD
Sample : L2570-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 13 01:16:22 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: 2.676 ug/L

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

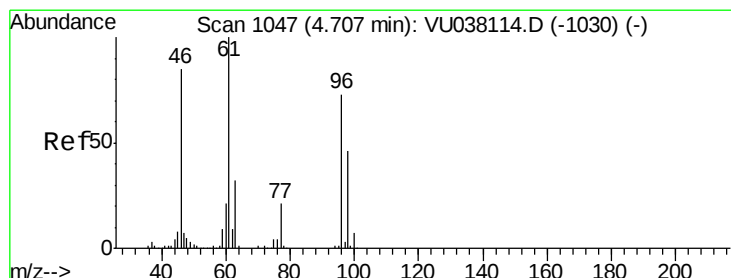
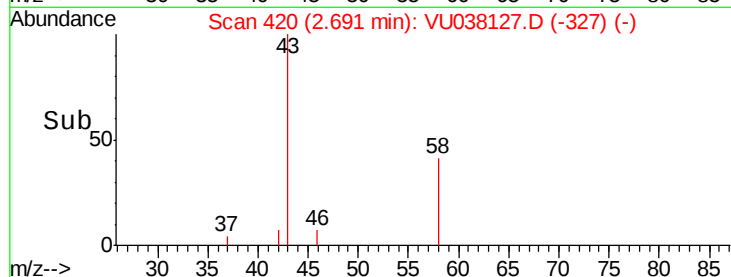
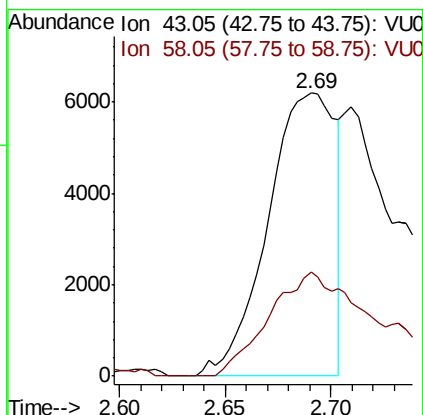
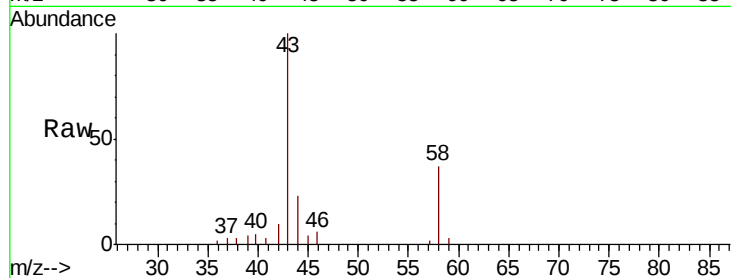
ClientSampled :

Tot Ion: 43 Resp: 13796

Ion Ratio Lower Upper

43 100

58 66.3 0.0 63.6#



#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

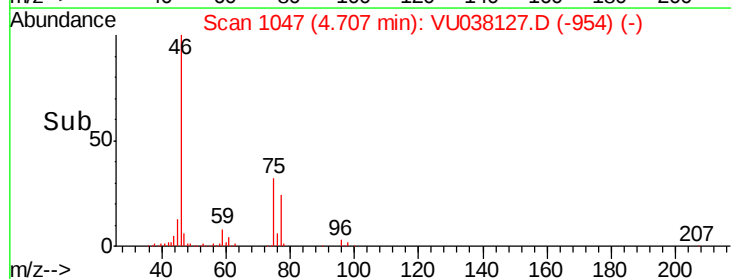
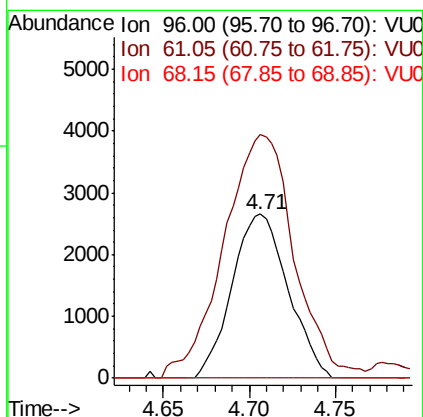
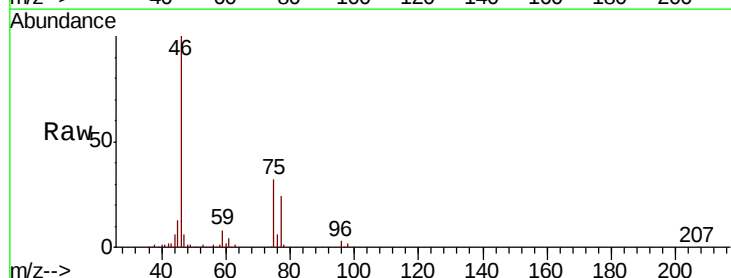
Tgt Ion: 96 Resp: 6006

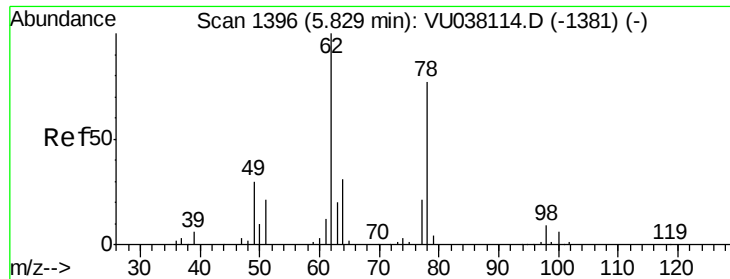
Ion Ratio Lower Upper

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

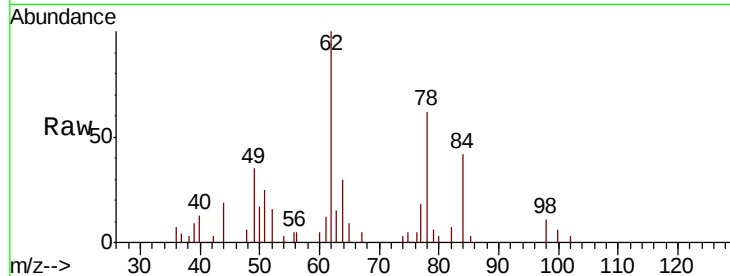
ClientSampleId :

Tot Ion: 62 Resp: 7328

Ion Ratio Lower Upper

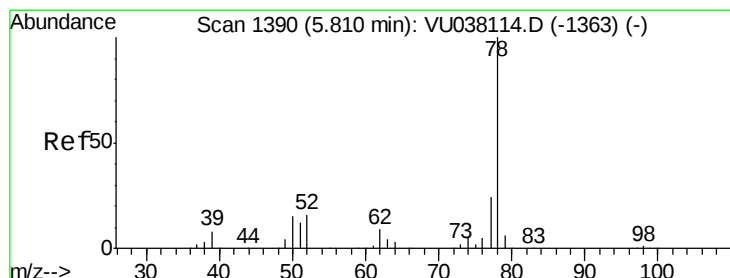
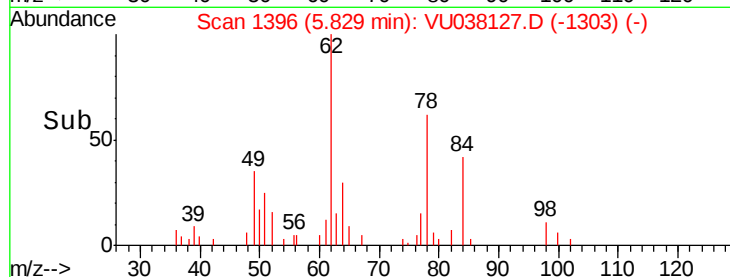
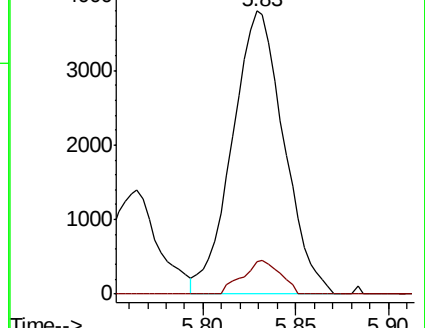
62 100

98 11.3 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) (-)



#33

Benzene

Concen: 0.138 ug/L

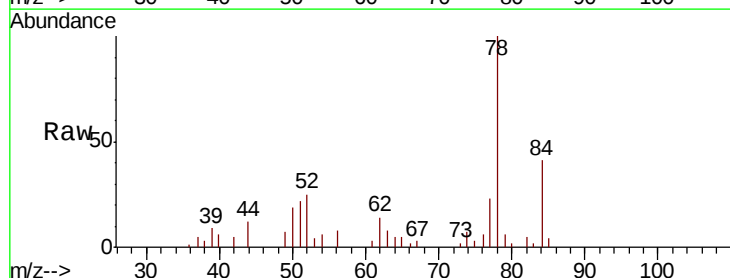
RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU038127.D

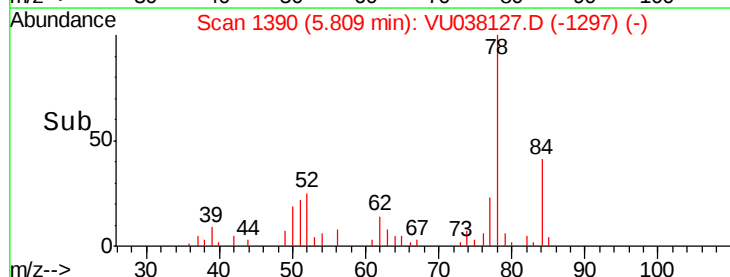
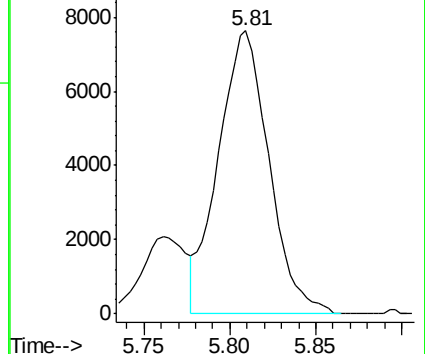
Acq: 12 May 2020 16:22

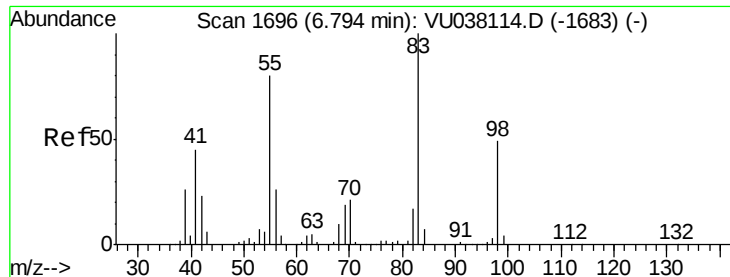
Tgt Ion: 78 Resp: 15629



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

Ion 84.10 (83.80 to 84.40): VU038114.D (-1363) (-)

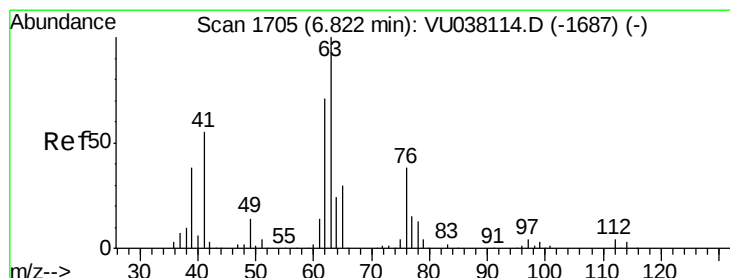
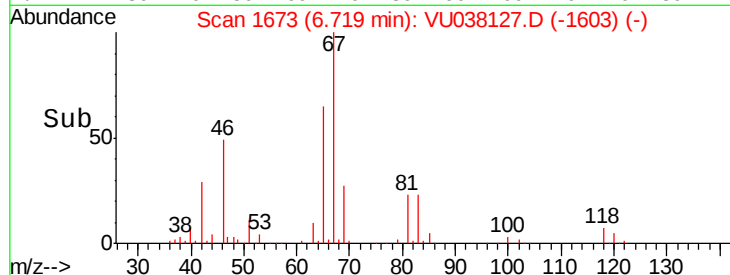
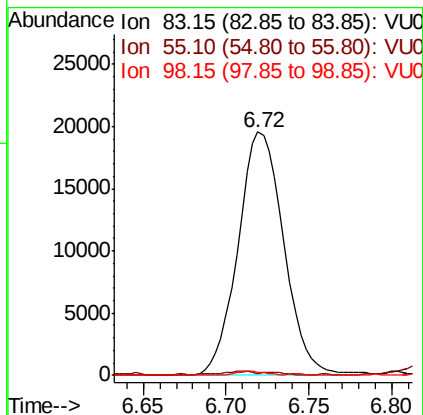
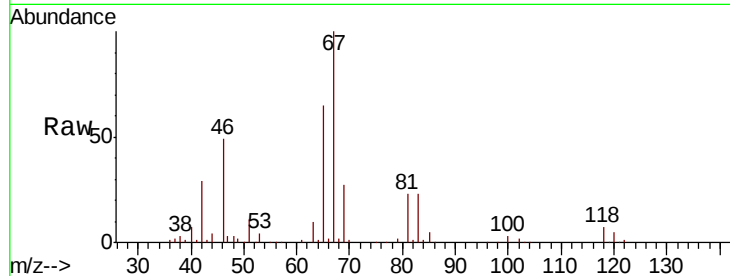




#35
Methvlcvclohexane
Concen: 0.813 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038127.D
Acq: 12 May 2020 16:22

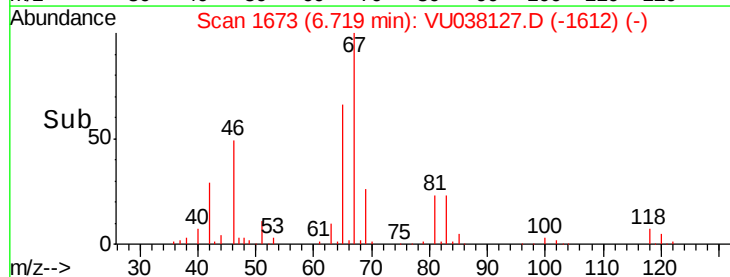
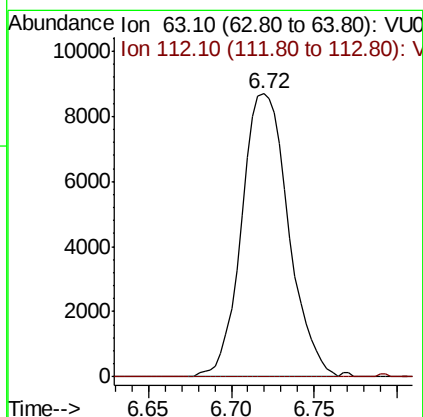
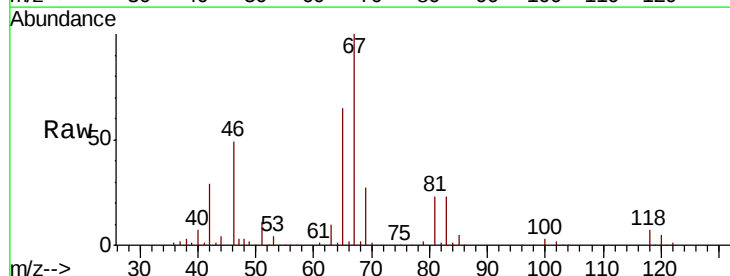
Instrument :
MSVOA_U
ClientSampleId :

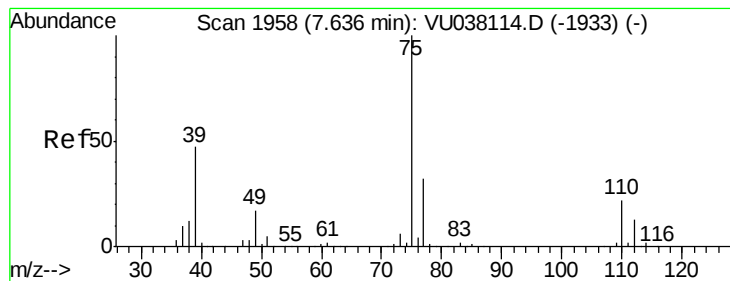
Tot Ion: 83 Resp: 37389
Ion Ratio Lower Upper
83 100
55 0.6 66.7 100.1#
98 1.1 39.4 59.2#



#37
1,2-Dichloropropane
Concen: 0.556 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038127.D
Acq: 12 May 2020 16:22

Tgt Ion: 63 Resp: 17143
Ion Ratio Lower Upper
63 100
112 7.2 3.1 4.7#



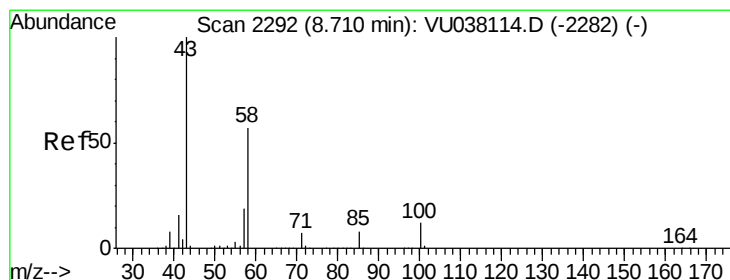
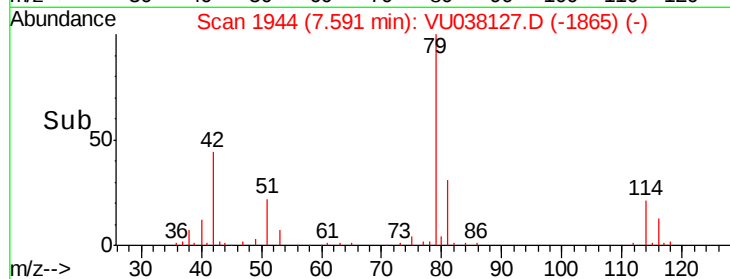
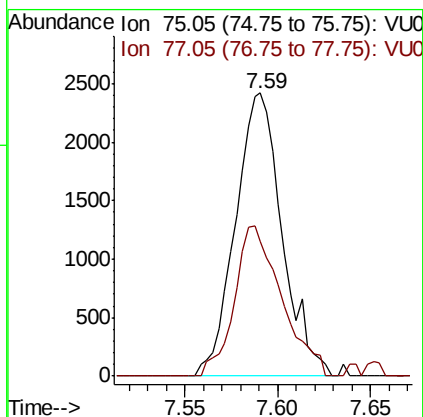
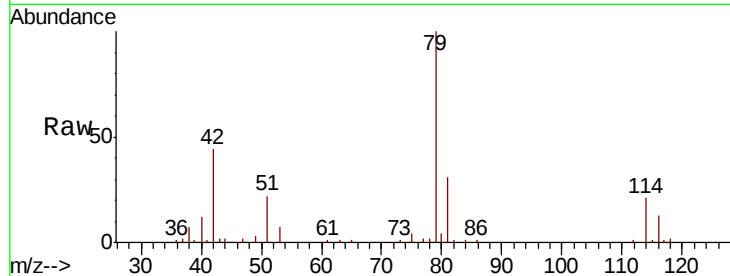


#39

cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU038127.D
 Acq: 12 May 2020 16:22

Instrument :
 MSVOA_U
 ClientSampled :

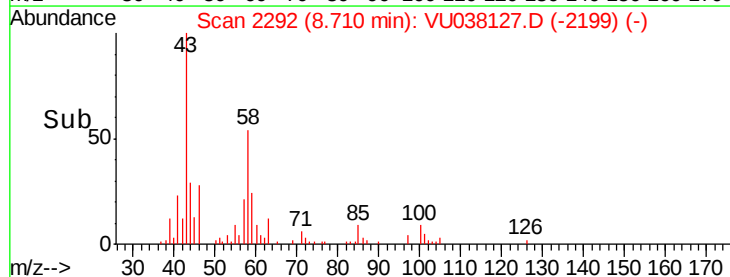
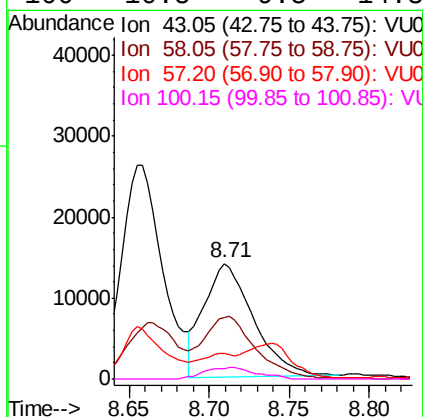
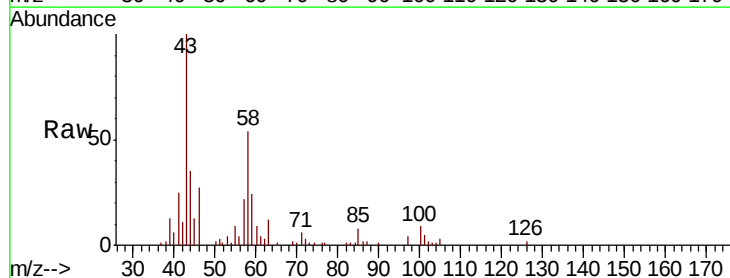
Tot Ion: 75 Resp: 4228
 Ion Ratio Lower Upper
 75 100
 77 47.7 22.4 41.6#

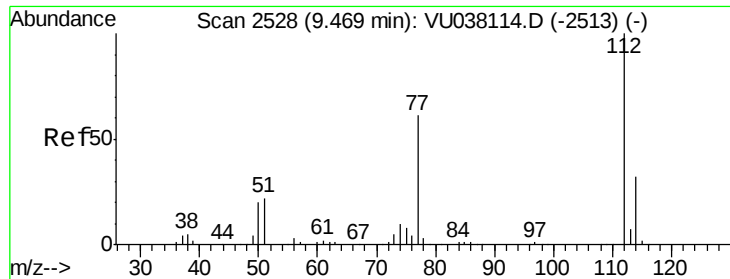


#48

2-Hexanone
 Concen: 1.919 ug/L
 RT: 8.71 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: VU038127.D
 Acq: 12 May 2020 16:22

Tgt Ion: 43 Resp: 30029
 Ion Ratio Lower Upper
 43 100
 58 55.9 45.2 67.8
 57 14.2 15.5 23.3#
 100 10.5 9.5 14.3

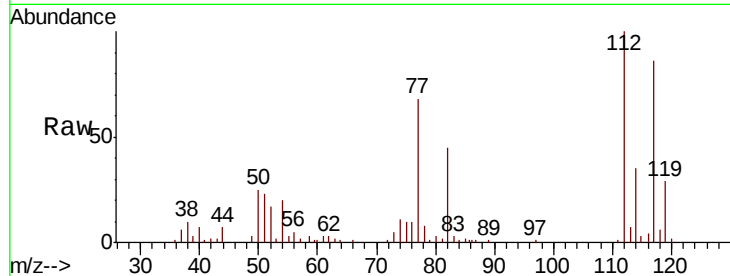




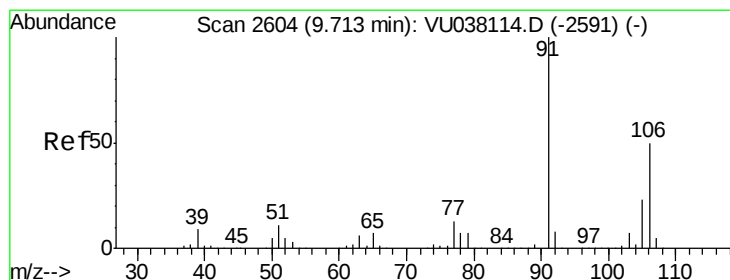
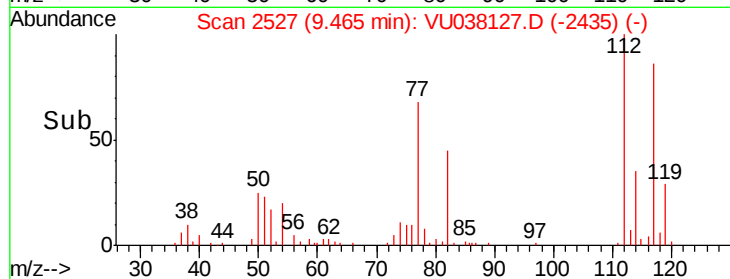
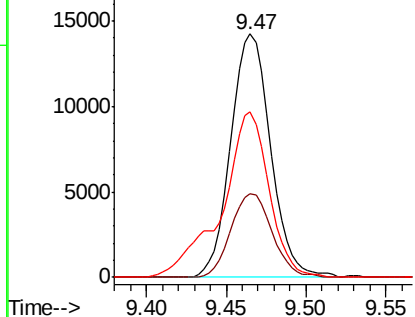
#51
Chlorobenzene
Concen: 0.325 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU038127.D
Acq: 12 May 2020 16:22

Instrument :
MSVOA_U
ClientSampleId :

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

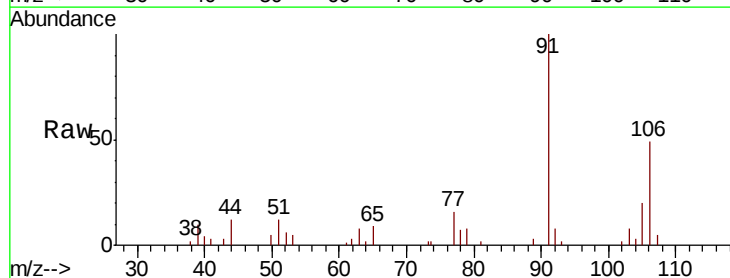


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): VU0

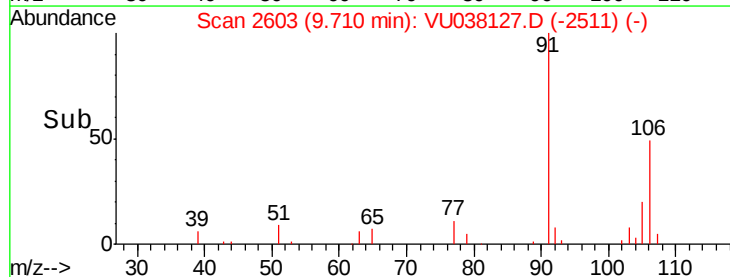
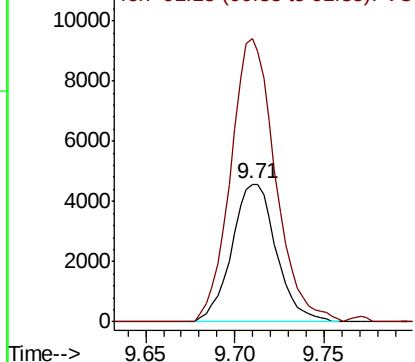


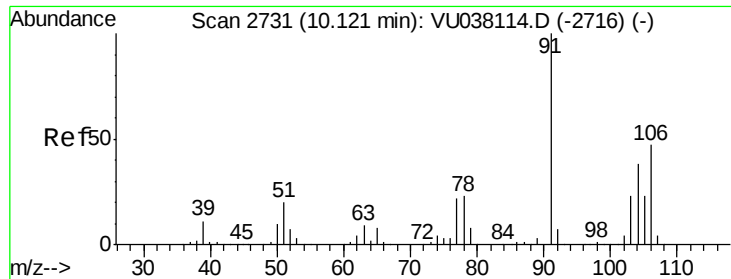
#53
m,p-Xylene
Concen: 0.160 ug/L
RT: 9.71 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VU038127.D
Acq: 12 May 2020 16:22

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): VU0

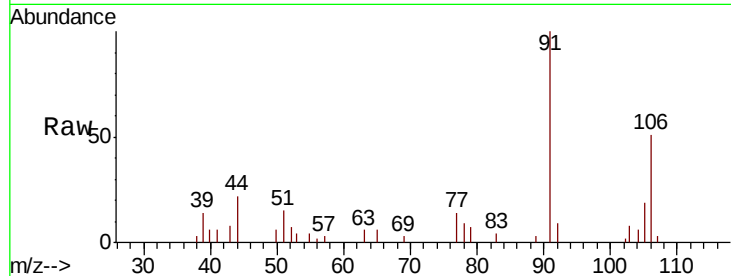




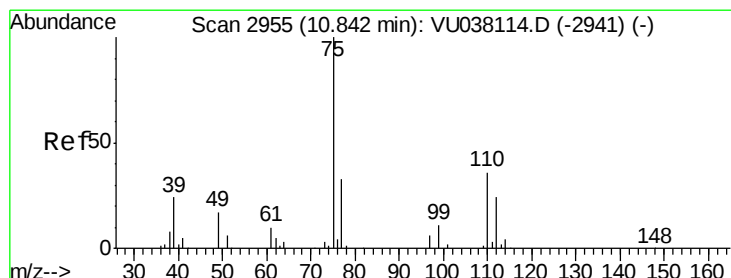
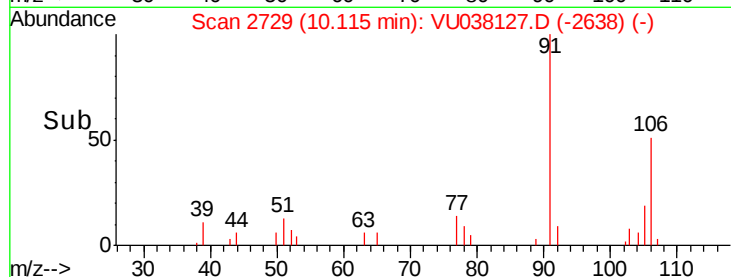
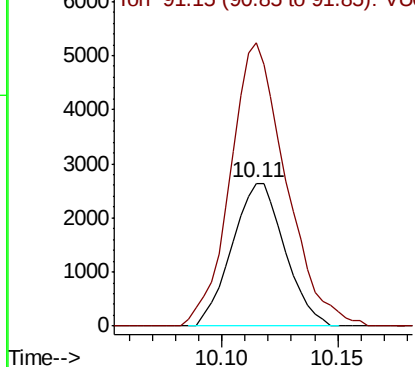
#54
o-Xylene
Concen: 0.086 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.01 min
Lab File: VU038127.D
Acq: 12 May 2020 16:22

Instrument :
MSVOA_U
ClientSampleId :

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

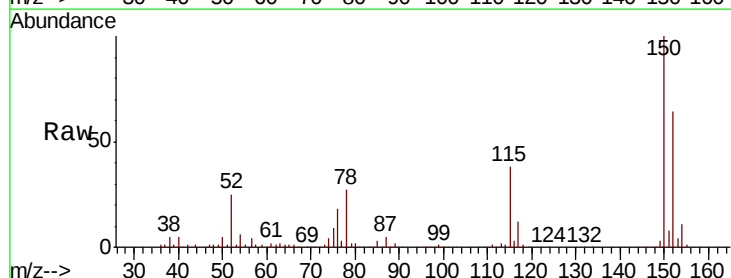


Abundance Ion 106.15 (105.85 to 106.85): VU038127.D (-2638) (-)
Ion 91.15 (90.85 to 91.85): VU038127.D (-2638) (-)

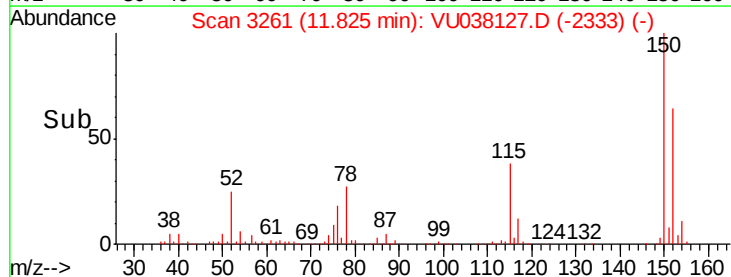
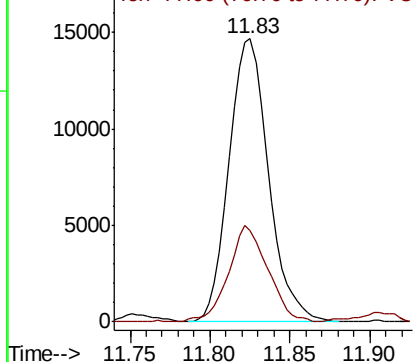


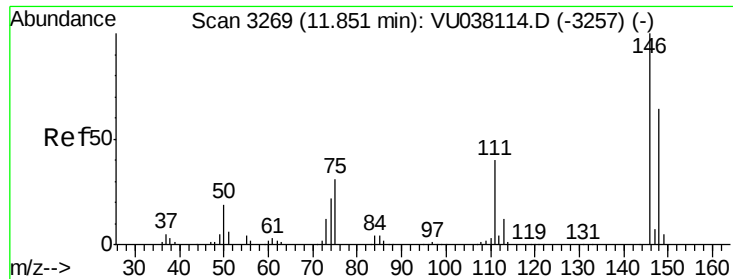
#59
1,2,3-Trichloropropane
Concen: 1.196 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU038127.D
Acq: 12 May 2020 16:22

Tgt Ion: 75 Resp: 24740
Ion Ratio Lower Upper
75 100
77 33.6 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU038127.D (-2333) (-)
Ion 77.00 (76.70 to 77.70): VU038127.D (-2333) (-)





#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

Instrument :

MSVOA_U

ClientSampled :

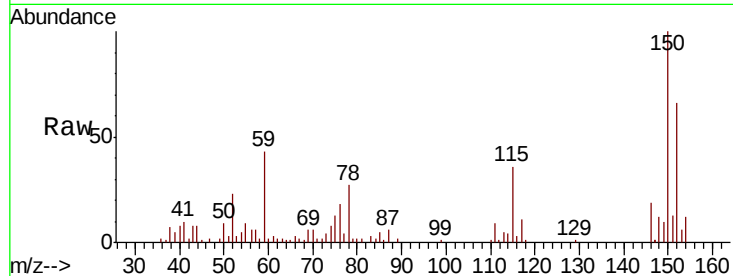
Tot Ion:146 Resp: 4497

Ion Ratio Lower Upper

146 100

111 44.8 27.2 50.6

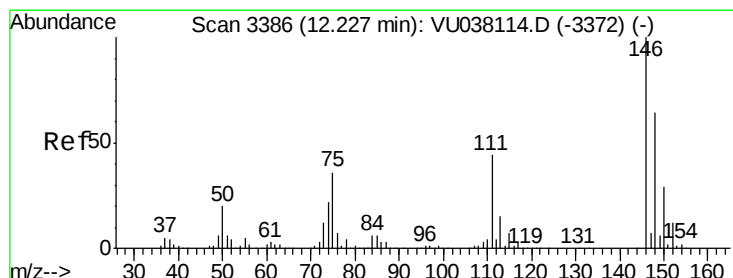
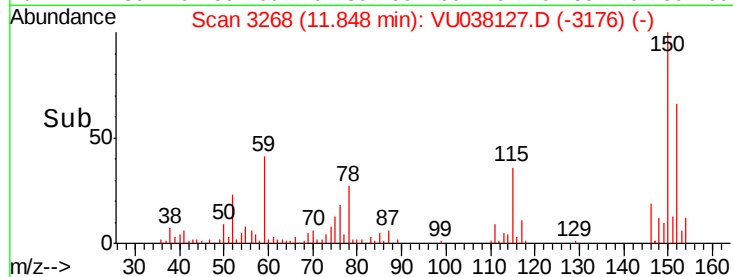
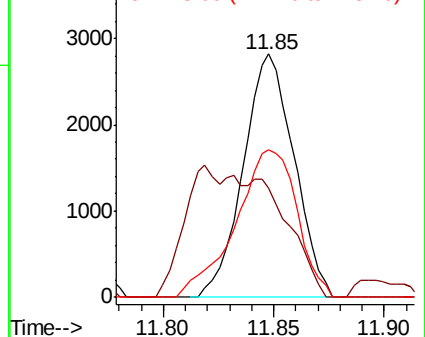
148 60.7 43.8 81.3



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: 0.809 ug/L

RT: 12.22 min Scan# 3385

Delta R.T. -0.00 min

Lab File: VU038127.D

Acq: 12 May 2020 16:22

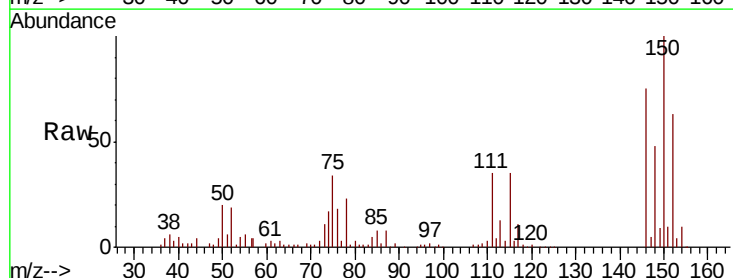
Tgt Ion:146 Resp: 44108

Ion Ratio Lower Upper

146 100

111 46.5 35.3 52.9

148 64.3 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

