

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052620\
 Data File : VU038307.D
 Acq On : 26 May 2020 19:19
 Operator : JC/MD
 Sample : L2749-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4W8

Quant Time: May 27 08:48:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 27 06:51:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	306998	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	309851	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	154996	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	93295	3.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.40%
7) Chloroethane-d5	1.93	69	83754	3.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.00%
11) 1,1-Dichloroethene-d2	2.59	63	142386	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	4.66	46	352568	50.89	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.78%
24) Chloroform-d	5.10	84	201892	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.74	65	118137	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.76	84	417660	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.72	67	134395	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.92	98	376393	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	8.20	79	54198	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.65	63	275192	48.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.10%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	111713	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	152091	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

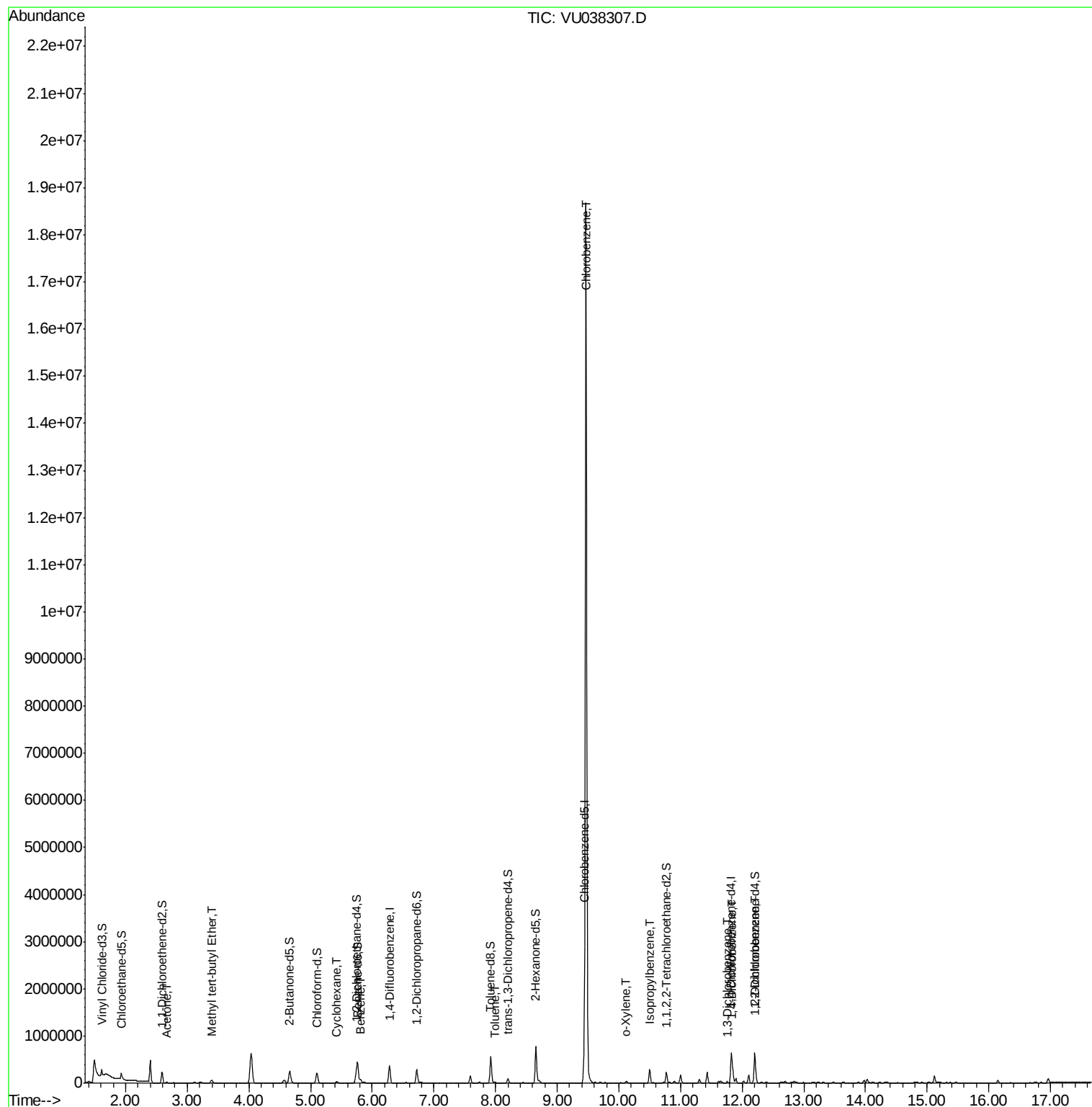
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.65	43	8034	1.848	ug/L	91
17) Methyl tert-butyl Ether	3.40	73	30620	0.517	ug/L #	23
30) Cyclohexane	5.42	56	14451	0.345	ug/L	95
33) Benzene	5.81	78	81329	0.820	ug/L	100
42) Toluene	7.99	91	8700	0.083	ug/L	100
51) Chlorobenzene	9.47	112	9972173	153.411	ug/L	100
54) o-Xylene	10.12	106	6775	0.161	ug/L	97
56) Isopropylbenzene	10.50	105	193660	1.792	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	14910	0.296	ug/L	96
63) 1,4-Dichlorobenzene	11.85	146	95210	1.863	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	32423	0.668	ug/L	98

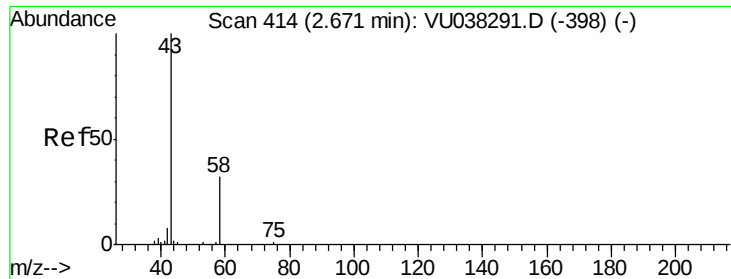
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 27 06:51:51 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.848 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.02 min

Lab File: VU038307.D

Acq: 26 May 2020 19:19

Instrument :

MSVOA_U

ClientSampleId :

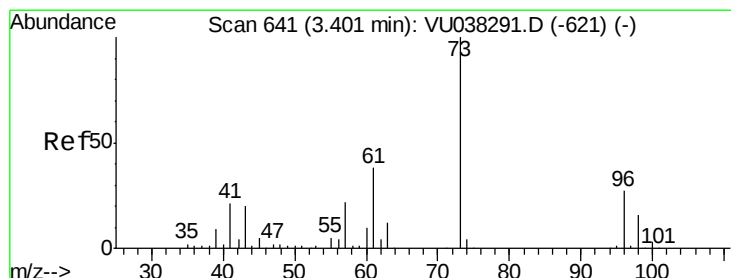
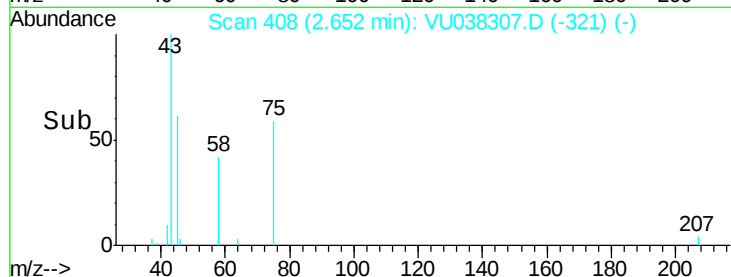
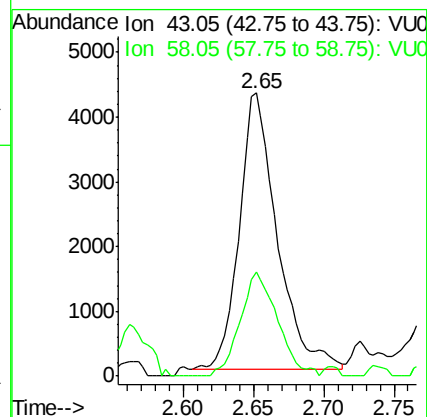
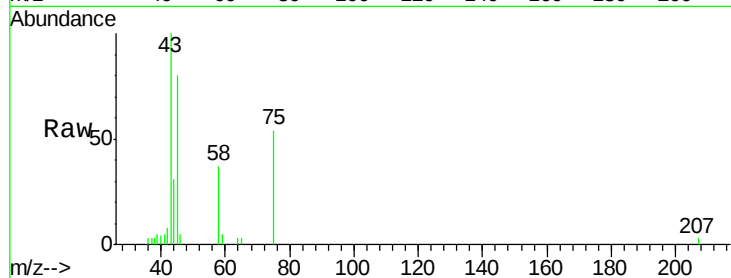
BE4W8

Tot Ion: 43 Resp: 8034

Ion Ratio Lower Upper

43 100

58 37.1 0.0 63.6



#17

Methyl tert-butyl Ether

Concen: 0.517 ug/L

RT: 3.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: VU038307.D

Acq: 26 May 2020 19:19

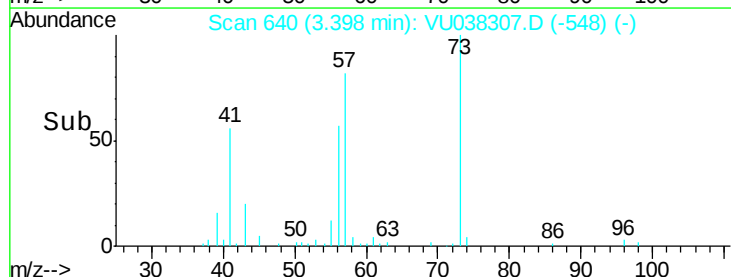
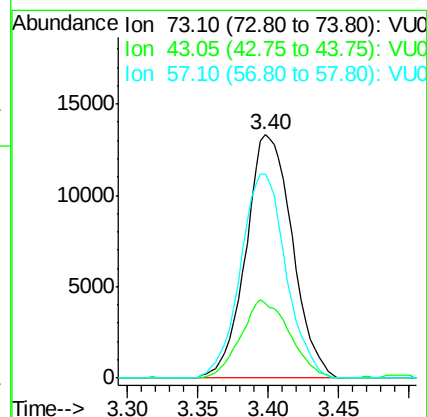
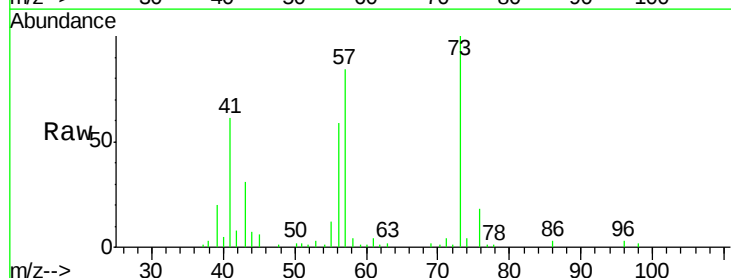
Tgt Ion: 73 Resp: 30620

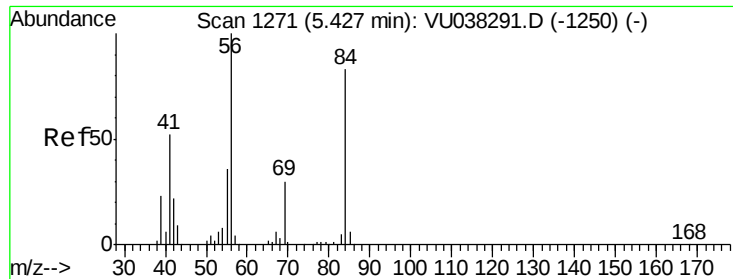
Ion Ratio Lower Upper

73 100

43 33.8 16.9 25.3#

57 82.4 18.2 27.2#

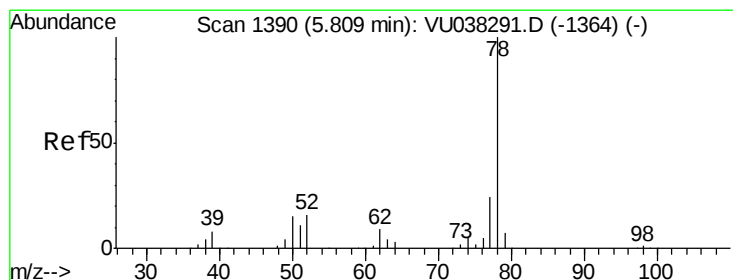
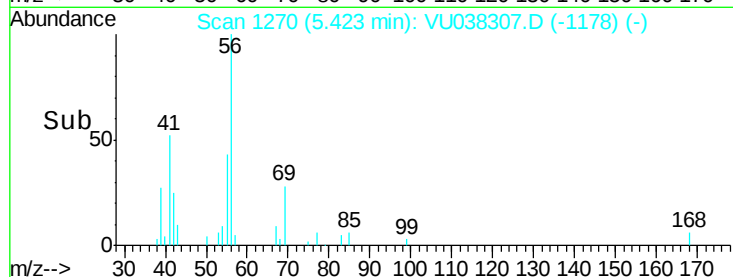
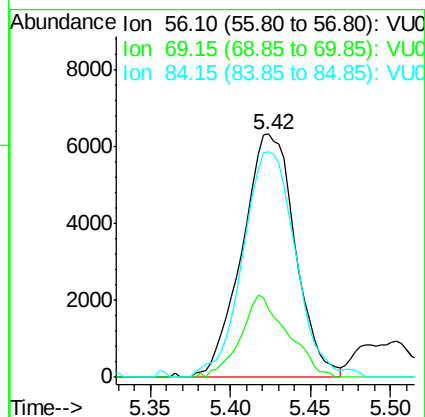
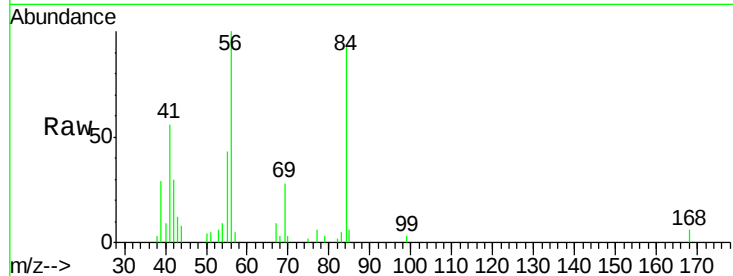




#30
Cyclohexane
Concen: 0.345 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038307.D
Acq: 26 May 2020 19:19

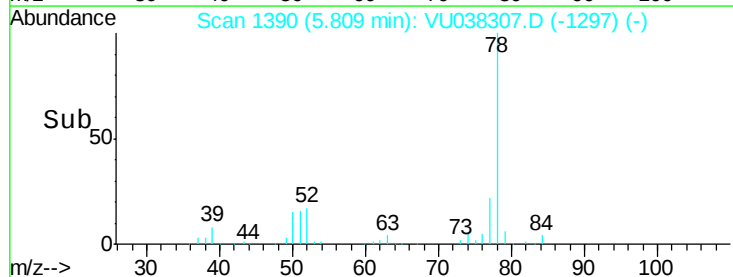
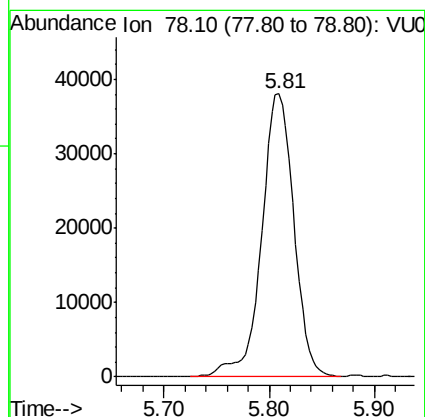
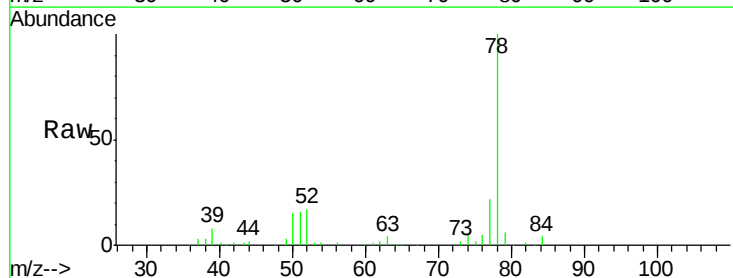
Instrument :
MSVOA_U
ClientSampleId :
BE4W8

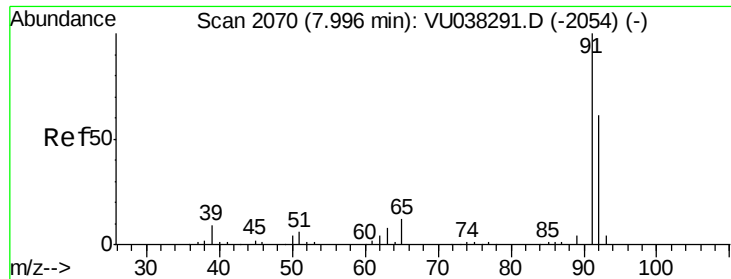
Tot Ion: 56 Resp: 14451
Ion Ratio Lower Upper
56 100
69 29.8 24.2 36.4
84 91.6 68.5 102.7



#33
Benzene
Concen: 0.820 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU038307.D
Acq: 26 May 2020 19:19

Tgt Ion: 78 Resp: 81329





#42

Toluene

Concen: 0.083 ug/L

RT: 7.99 min Scan# 2068

Delta R.T. -0.01 min

Lab File: VU038307.D

Acq: 26 May 2020 19:19

Instrument :

MSVOA_U

ClientSampled :

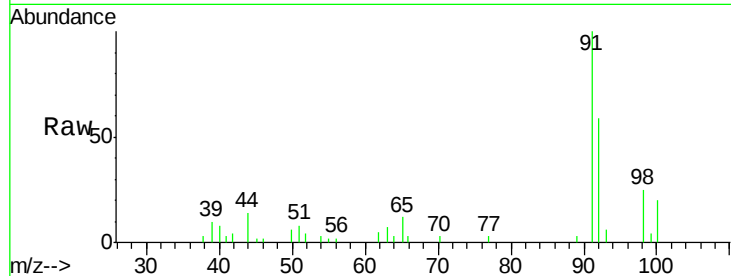
BE4W8

Tot Ion: 91 Resp: 8700

Ion Ratio Lower Upper

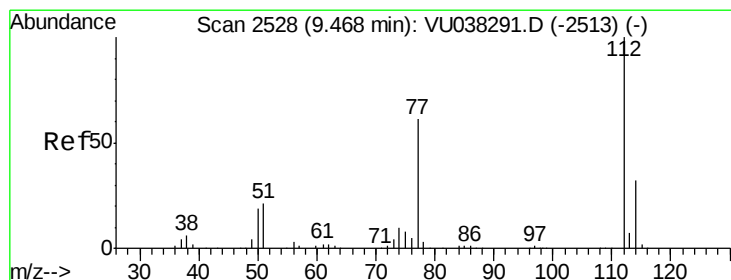
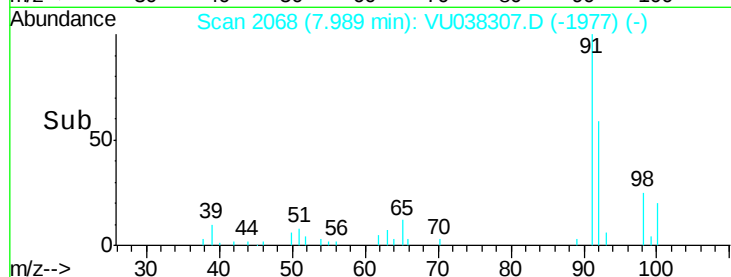
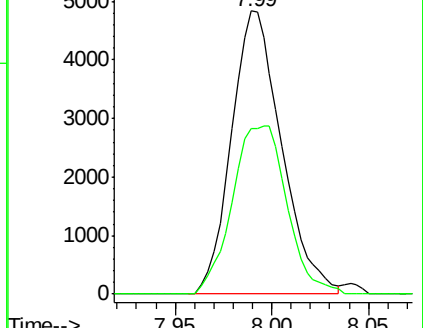
91 100

92 58.7 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU038291.D (-2054) (-)

Ion 92.15 (91.85 to 92.85): VU038291.D (-2054) (-)



#51

Chlorobenzene

Concen: 153.411 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. -0.00 min

Lab File: VU038307.D

Acq: 26 May 2020 19:19

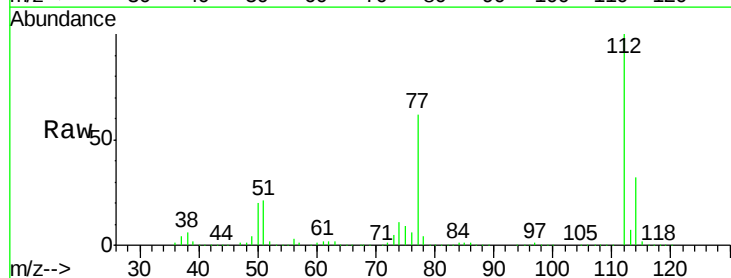
Tgt Ion: 112 Resp: 9972173

Ion Ratio Lower Upper

112 100

114 32.2 22.5 41.7

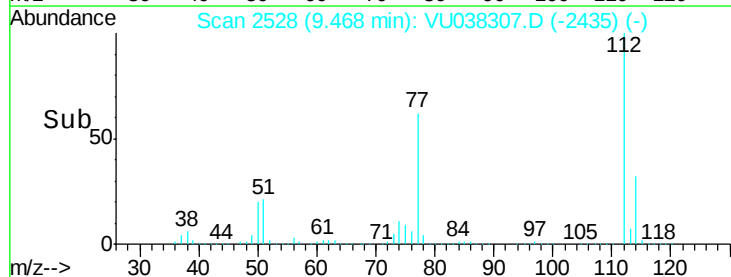
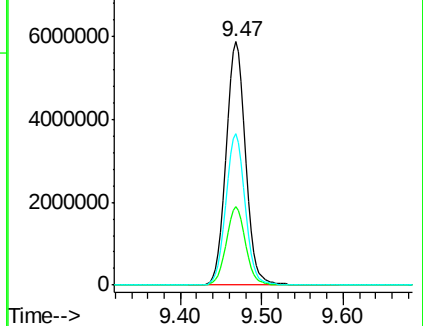
77 62.1 49.9 74.9

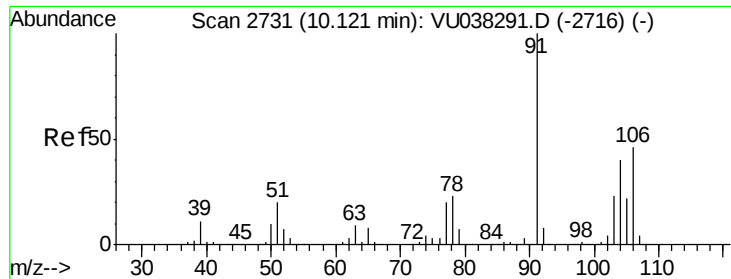


Abundance Ion 112.10 (111.80 to 112.80): VU038291.D (-2513) (-)

Ion 114.05 (113.75 to 114.75): VU038291.D (-2513) (-)

Ion 77.10 (76.80 to 77.80): VU038291.D (-2513) (-)

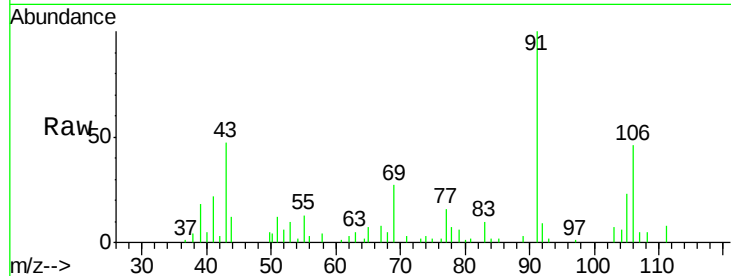




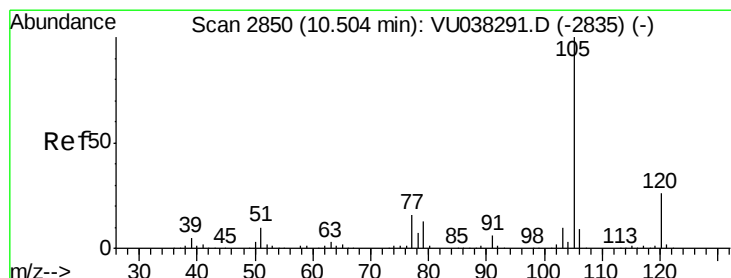
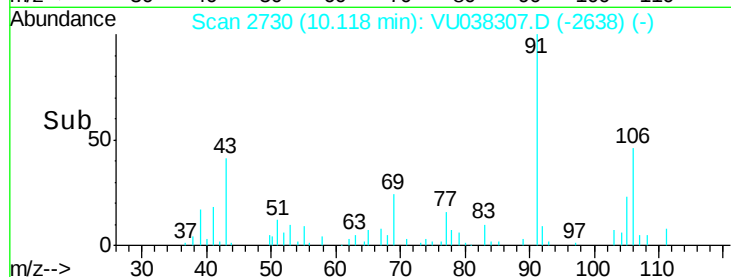
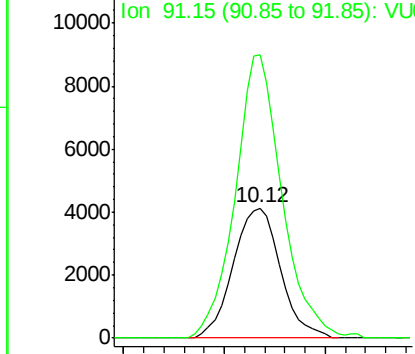
#54
o-Xylene
Concen: 0.161 ug/L
RT: 10.12 min Scan# 2730
Delta R.T. -0.00 min
Lab File: VU038307.D
Acq: 26 May 2020 19:19

Instrument :
MSVOA_U
ClientSampled :
BE4W8

Tot Ion:106 Resp: 6775
Ion Ratio Lower Upper
106 100
91 217.5 148.5 275.9

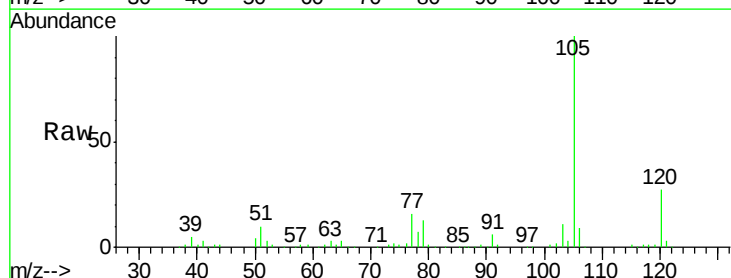


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

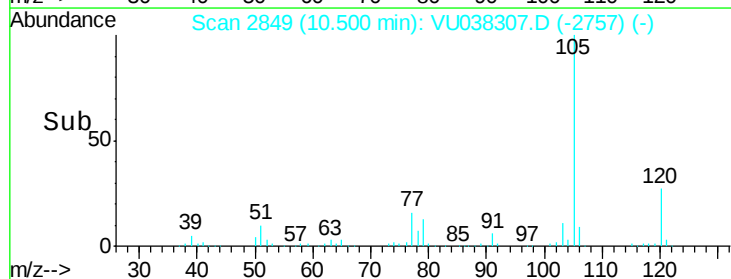
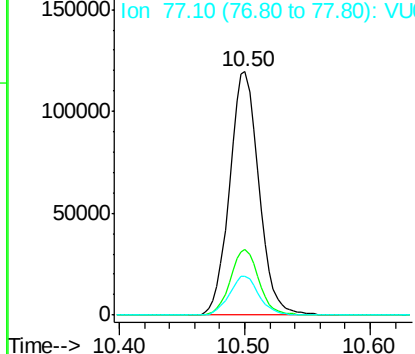


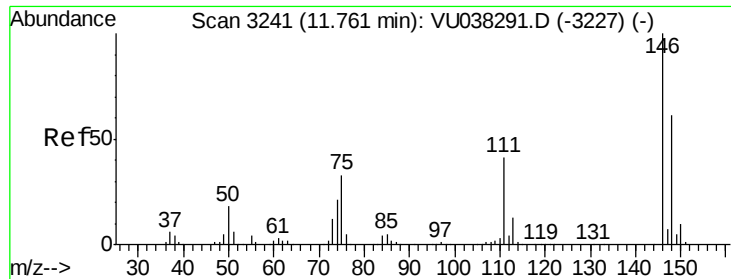
#56
Isopropylbenzene
Concen: 1.792 ug/L
RT: 10.50 min Scan# 2849
Delta R.T. -0.00 min
Lab File: VU038307.D
Acq: 26 May 2020 19:19

Tgt Ion:105 Resp: 193660
Ion Ratio Lower Upper
105 100
120 26.3 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): VU0





#62

1,3-Dichlorobenzene

Concen: 0.296 ug/L

RT: 11.76 min Scan# 3240

Delta R.T. -0.00 min

Lab File: VU038307.D

Acq: 26 May 2020 19:19

Instrument :

MSVOA_U

ClientSampled :

BE4W8

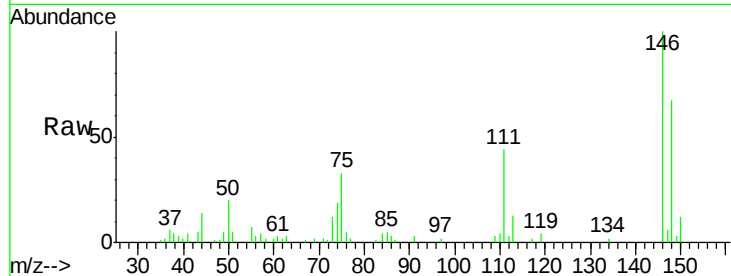
Tot Ion:146 Resp: 14910

Ion Ratio Lower Upper

146 100

111 43.6 28.6 53.2

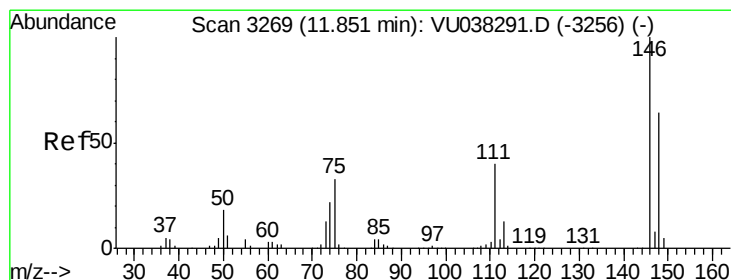
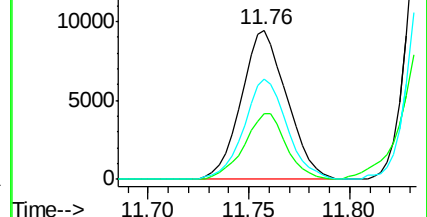
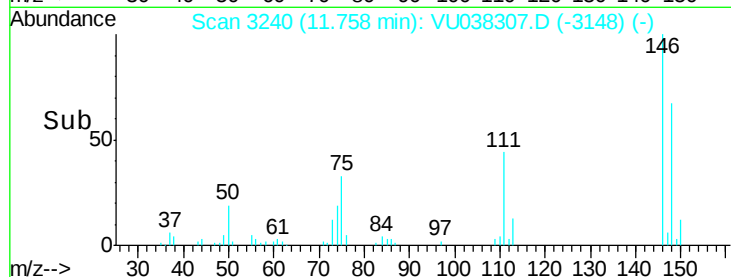
148 67.1 45.2 84.0



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: 1.863 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. -0.00 min

Lab File: VU038307.D

Acq: 26 May 2020 19:19

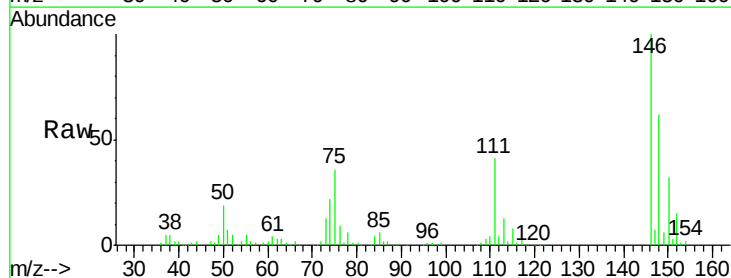
Tgt Ion:146 Resp: 95210

Ion Ratio Lower Upper

146 100

111 41.2 27.2 50.6

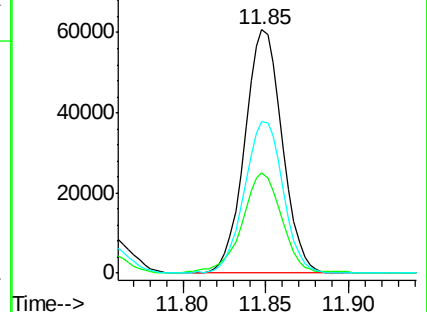
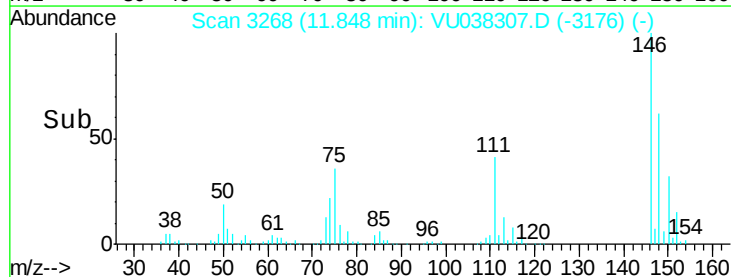
148 62.1 43.8 81.3

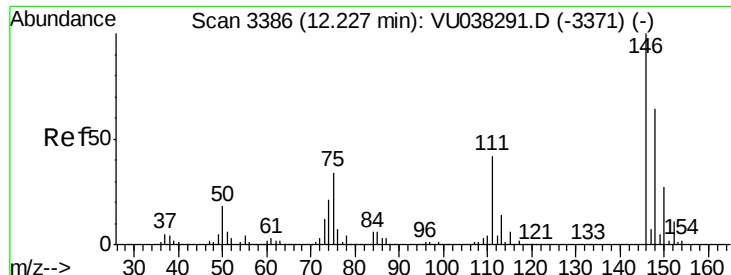


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

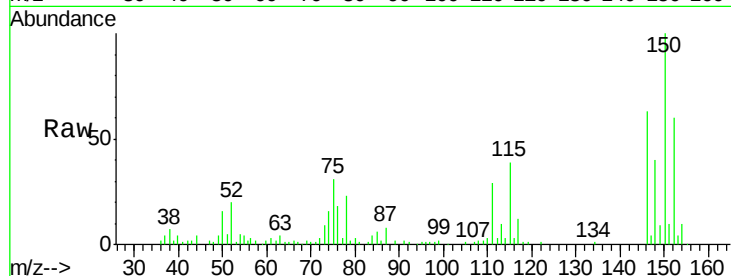




#65
 1,2-Dichlorobenzene
 Concen: 0.668 ug/L
 RT: 12.22 min Scan# 3385
 Delta R.T. -0.00 min
 Lab File: VU038307.D
 Acq: 26 May 2020 19:19

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4W8

Tot Ion:146 Resp: 32423
 Ion Ratio Lower Upper
 146 100
 111 45.9 35.3 52.9
 148 64.4 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

